LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.539	115	119	127	rBV6	4531	9203	0.11%	0.013%
2	5.326	417	423	429	rBV4	5352	11295	0.14%	0.016%
3	5.566	458	464	470	rBV5	7068	14962	0.18%	0.021%
4	5.937	521	527	533	rBV6	5120	9714	0.12%	0.014%
5	6.007	533	539	546	rBV8	5441	12456	0.15%	0.018%
6	6.089	548	553	560	rVB2	12434	25246	0.30%	0.036%
7	6.230	571	577	584	rVB6	6125	13910	0.17%	0.020%
8	6.418	599	609	615	rBV5	23616	69561	0.83%	0.100%
9	6.530	622	628	634	rVB3	8967	19270	0.23%	0.028%
10	6.648	637	648	651	rBV7	17446	49971	0.60%	0.071%
11	6.689	652	655	659	rVV2	19614	32076	0.38%	0.046%
12	6.742	659	664	665	rVV2	16119	24370	0.29%	0.035%
13	6.800	666	674	685	rVV5	52867	156577	1.88%	0.224%
14	6.894	685	690	696	rVB3	13409	27144	0.33%	0.039%
15	6.965	696	702	706	rBV4	12317	23095	0.28%	0.033%
16	7.029	706	713	721	rVB4	17059	43178	0.52%	0.062%
17	7.129	721	730	735	rBV7	11527	31307	0.38%	0.045%
18	7.241	744	749	752	rBV4	15320	29243	0.35%	0.042%
19	7.306	752	760	776	rVB2	107468	287055	3.44%	0.411%
20	7.476	776	789	795	rBV2	96564	227306	2.73%	0.325%
21	7.529	795	798	802	rVV4	24951	50914	0.61%	0.073%
22	7.599	804	810	811	rVV4	28248	58642	0.70%	0.084%
23	7.635	812	816	820	rVV3	49157	115222	1.38%	0.165%
24	7.688	820	825	840	rVB2	109225	297746	3.57%	0.426%
25	7.870	851	856	862	rVB	40267	77554	0.93%	0.111%
26	7.970	870	873	880	rVB5	17645	33155	0.40%	0.047%
27	8.116	880	898	901	rBV5	106682	355130	4.26%	0.508%
28	8.158	902	905	912	rVB	109231	194776	2.34%	0.279%
29	8.287	921	927	929	rBV4	23815	48296	0.58%	0.069%
30	8.334	930	935	941	rVV5	58428	125897	1.51%	0.180%
31	8.398	941	946	948	rVV4	21373	38154	0.46%	0.055%
32	8.434	948	952	958	rVB2	52705	96860	1.16%	0.139%
33	8.498	958	963	970	rVB4	39705	81897	0.98%	0.117%
34	8.592	970	979	985	rVB8	30323	88788	1.07%	0.127%

LSC Area Percent Report

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Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Title : SVOA CALIBRATION

35	8.686	985	995	996	rBV6	47730	111947	1.34%	0.160%
36	8.804	1010	1015	1019	rBV6	30919	66181	0.79%	0.095%
37	8.863	1019	1025	1030	rVV2	88468	180544	2.17%	0.258%
38	8.998	1043	1048	1054	rBV3	121177	293387	3.52%	0.420%
39	9.139	1066	1072	1082	rVB8	62202	225218	2.70%	0.322%
40	9.262	1082	1093	1099	rBV3	220339	660716	7.93%	0.945%
41	9.356	1100	1109	1117	rVB5	119549	336585	4.04%	0.482%
42	9.421	1118	1120	1124	rVB5	34281	43792	0.53%	0.063%
43	9.480	1124	1130	1132	rBV3	105805	210575	2.53%	0.301%
44	9.626	1144	1155	1162	rBV4	121561	361897	4.34%	0.518%
45	9.703	1162	1168	1173	rBV6	66278	185451	2.23%	0.265%
46	9.791	1179	1183	1189	rVB4	109135	212079	2.55%	0.303%
47	9.891	1190	1200	1211	rVB3	318896	871691	10.46%	1.247%
48	10.155	1239	1245	1250	rBV2	387489	788568	9.46%	1.128%
49	10.690	1328	1336	1341	rBV6	284031	734708	8.82%	1.051%
50	10.755	1343	1347	1352	rVV	179536	328989	3.95%	0.471%
51	10.943	1373	1379	1383	rBV4	401136	961677	11.54%	1.376%
52	10.990	1383	1387	1393	rVB3	479595	907172	10.89%	1.298%
53	11.125	1404	1410	1416	rVB	664496	1322118	15.87%	1.892%
54	11.189	1417	1421	1425	rBV6	181839	335353	4.02%	0.480%
55	11.465	1465	1468	1474	rVB3	210210	353012	4.24%	0.505%
56	11.648	1495	1499	1500	rBV4	227866	328411	3.94%	0.470%
57	11.806	1522	1526	1530	rBV2	349236	613531	7.36%	0.878%
58	11.988	1552	1557	1561	rBV	1221094	2117575	25.41%	3.030%
59	12.030	1561	1564	1568	rVB3	565626	837671	10.05%	1.198%
60	12.711	1675	1680	1686	rVB5	520975	1055031	12.66%	1.509%
61	13.011	1726	1731	1738	rBV4	898896	2108148	25.30%	3.016%
62	13.252	1768	1772	1777	rVB2	893213	1396087	16.75%	1.997%
63	13.328	1780	1785	1791	rVB	2496087	4610964	55.33%	6.597%
64	13.604	1827	1832	1837	rBV6	849322	1913764	22.97%	2.738%
65	13.822	1865	1869	1873	rVB	1393514	2472847	29.68%	3.538%
66	13.874	1874	1878	1887	rVB3	1886276	4936333	59.24%	7.063%
67	14.233	1934	1939	1942	rBV	2032684	3492314	41.91%	4.997%
68	14.274	1942	1946	1951	rVB	3520078	5450164	65.40%	7.798%
69	14.550	1988	1993	2001	rVV3	1092093	2594299	31.13%	3.712%
70	14.638	2002	2008	2013	rVB	2458540	4407418	52.89%	6.306%
71	16.025	2239	2244	2255	rVB	2168846	4172655	50.07%	5.970%

LSC Area Percent Report

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Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Title : SVOA CALIBRATION

72	16.512	2320	2327	2332	rVB	4925615	8332967	100.00%	11.922%
73	17.323	2459	2465	2470	rBV	2537544	4118663	49.43%	5.893%
74	19.909	2901	2905	2912	rVB2	384630	588753	7.07%	0.842%
75	21.424	3160	3163	3172	rVB4	49514	90149	1.08%	0.129%
76	21.812	3223	3229	3245	rVB	328968	645442	7.75%	0.923%
77	23.522	3514	3520	3528	rVB	49269	108925	1.31%	0.156%
78	24.909	3746	3756	3768	rBV2	185817	565287	6.78%	0.809%
79	25.144	3785	3796	3809	rVB2	204174	665257	7.98%	0.952%

Sum of corrected areas: 69894285

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
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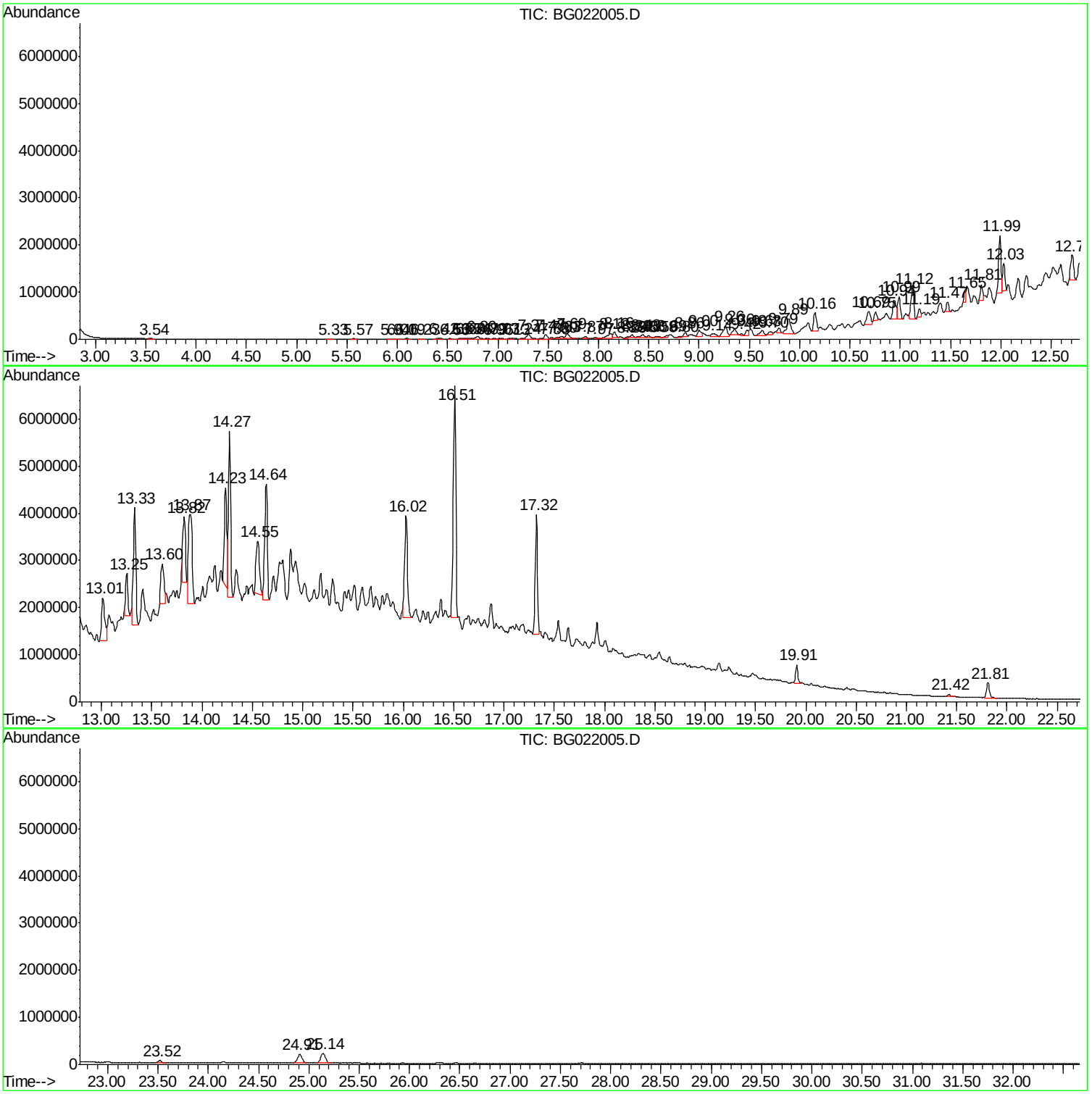
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

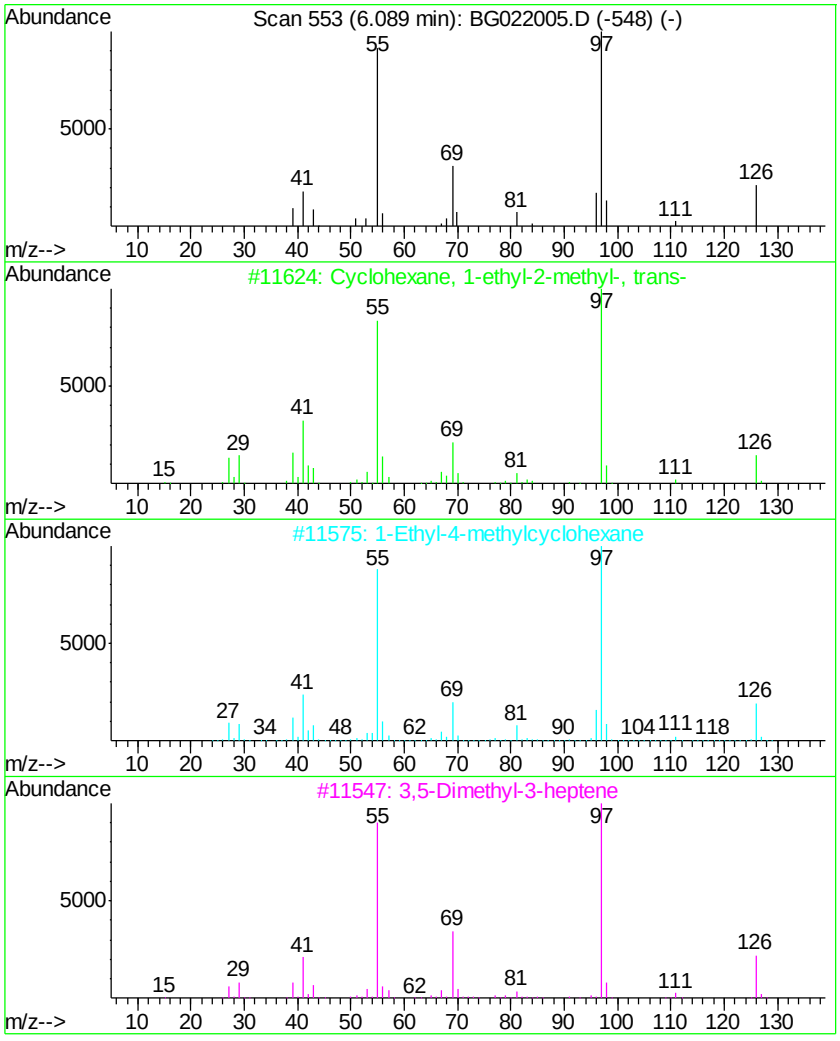
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

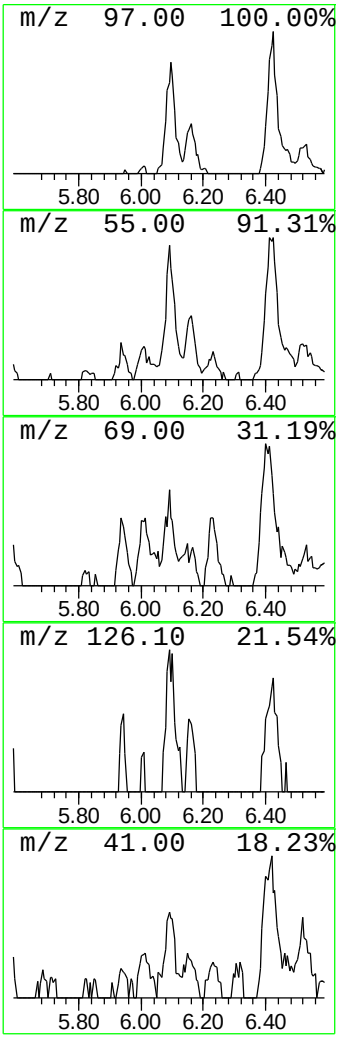
****

Peak Number 1 (DEL) Alkane: Cyclic6.09 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	2.59 ng/ul	25246	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	90
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	90
3	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	86
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	86
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	83





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

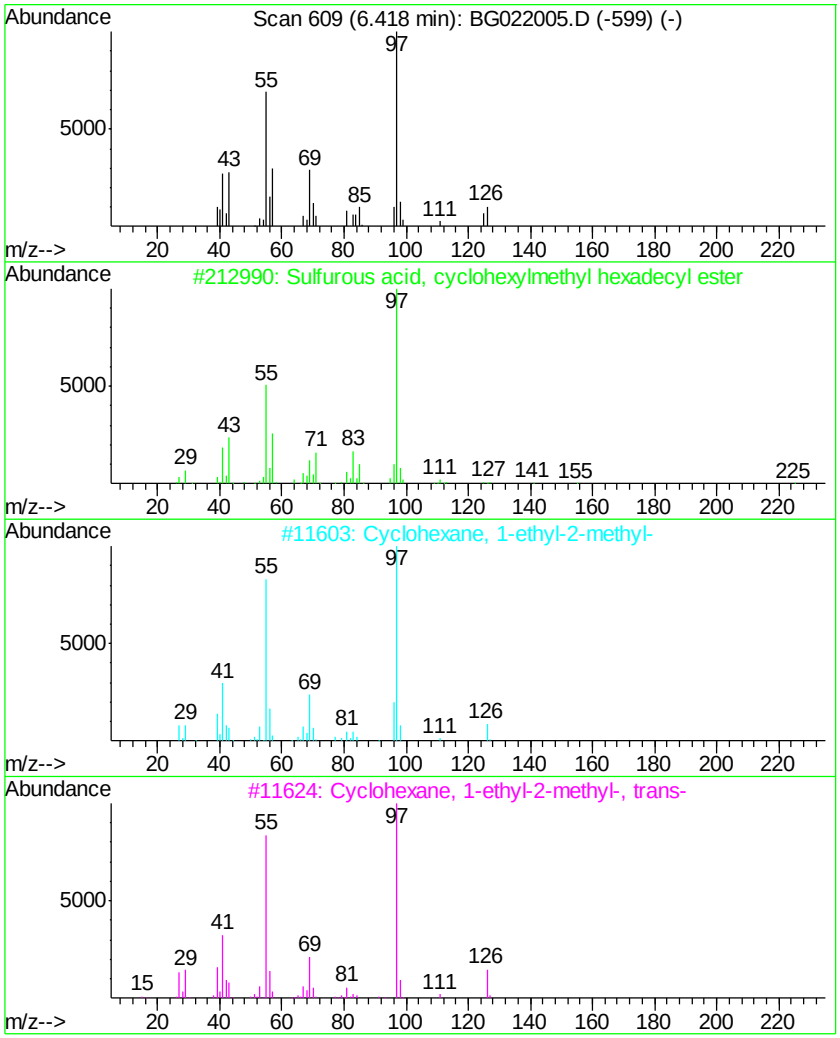
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

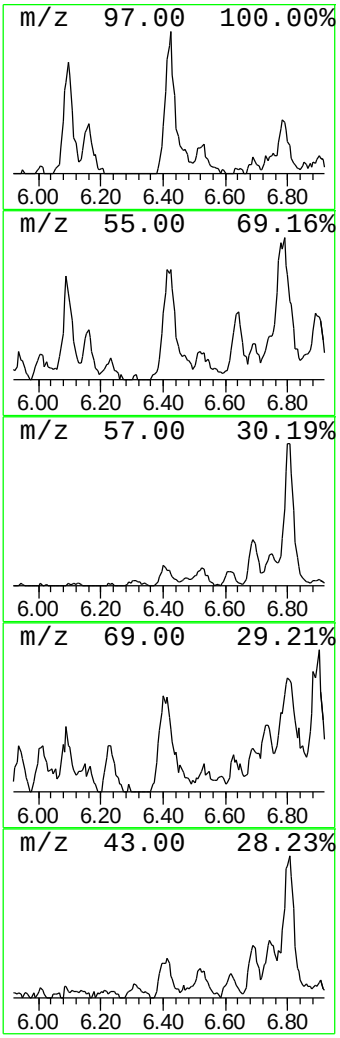
****

Peak Number 2 Sulfurous acid, cyclohexylm... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	7.14 ng/ul	69561	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	72
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	72
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	68
4	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	64
5	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	53





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGG4

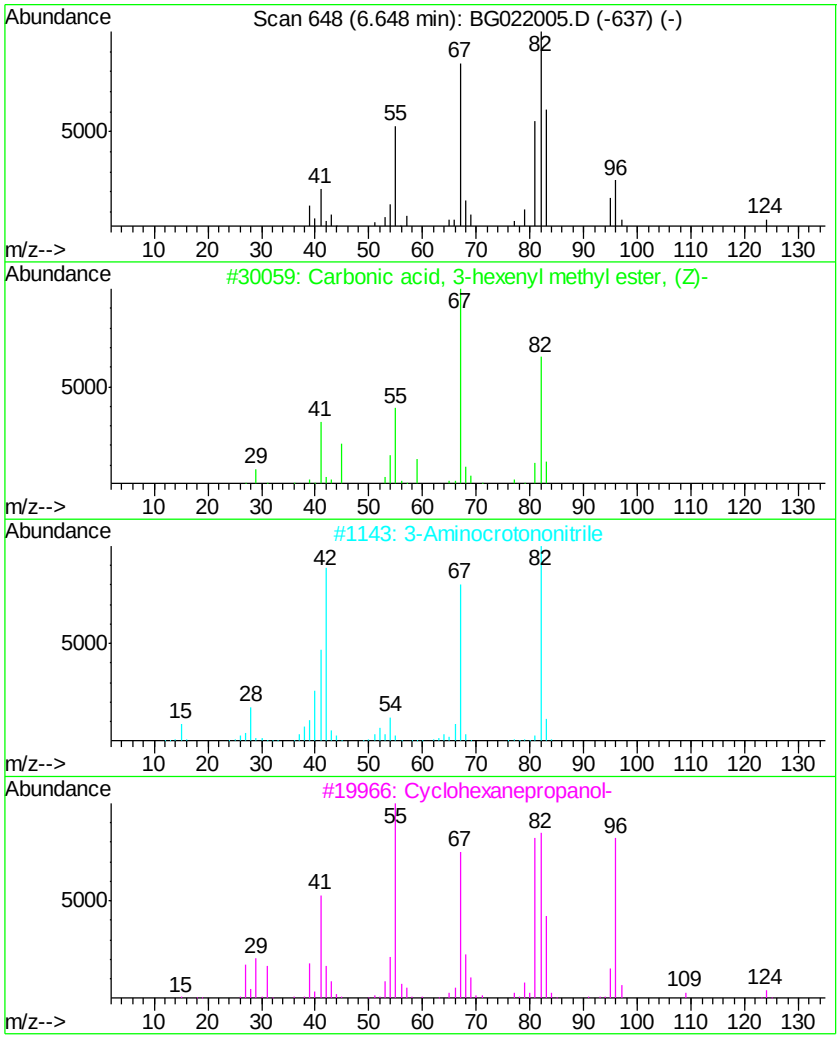
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

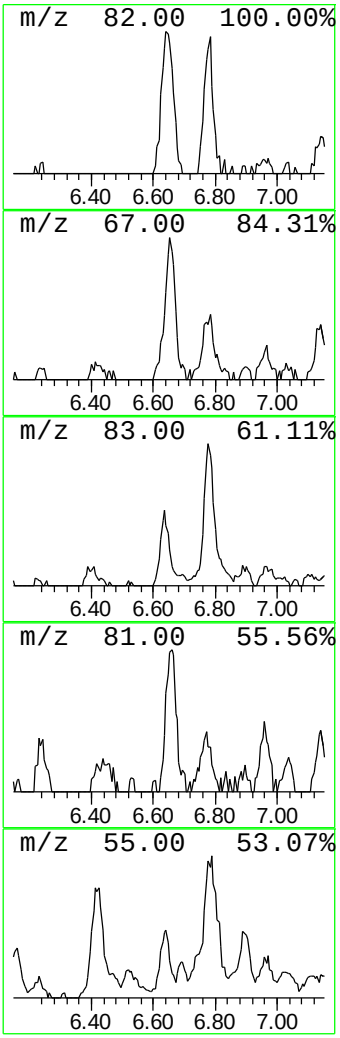
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Carbonic acid, 3-hexenyl me... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	5.13 ng/ul	49971	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, 3-hexenyl methyl ...	158	C8H14O3	067633-96-9	53
2	3-Aminocrotononitrile	82	C4H6N2	001118-61-2	47
3	Cyclohexanepropanol-	142	C9H18O	001124-63-6	43
4	Cyclopentane, ethylidene-	96	C7H12	002146-37-4	38
5	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	38





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGG4

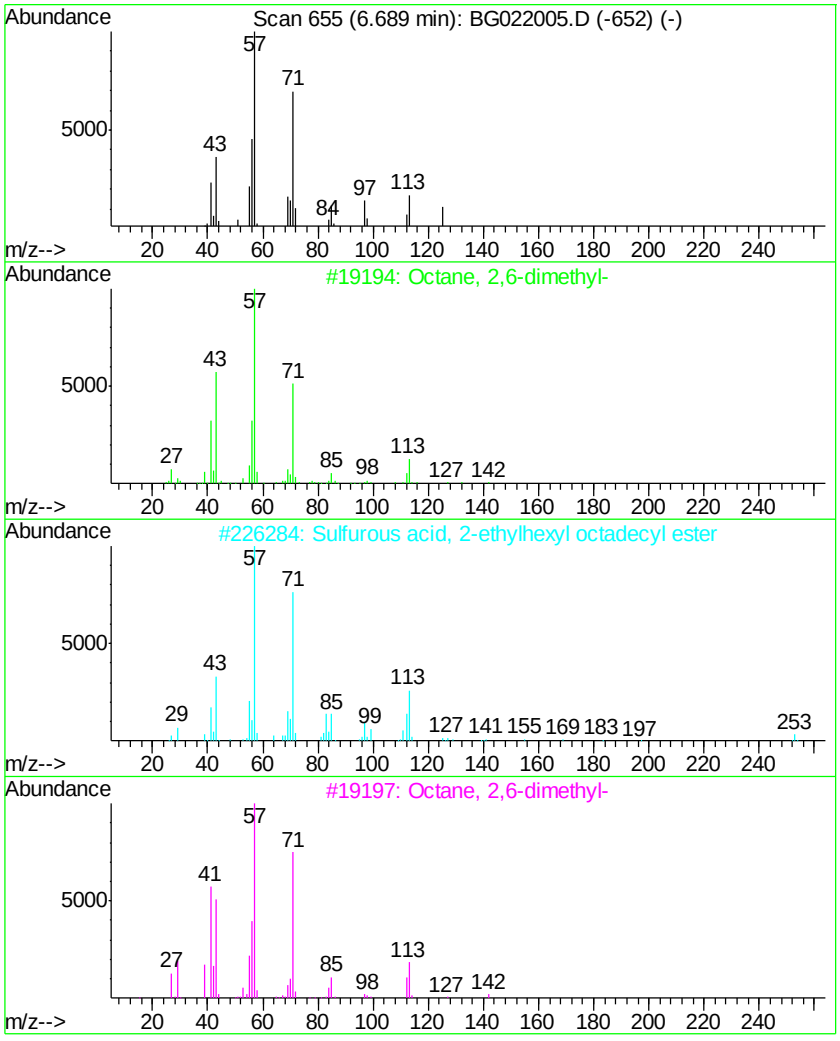
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

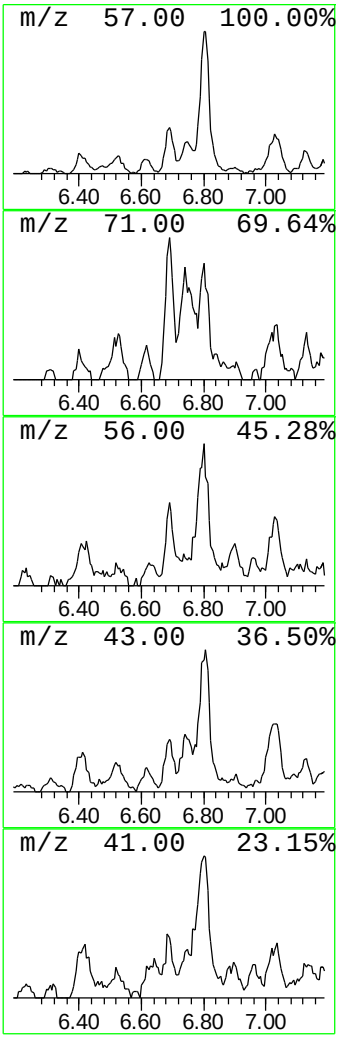
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	3.29 ng/ul	32076	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	56
2	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	50
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

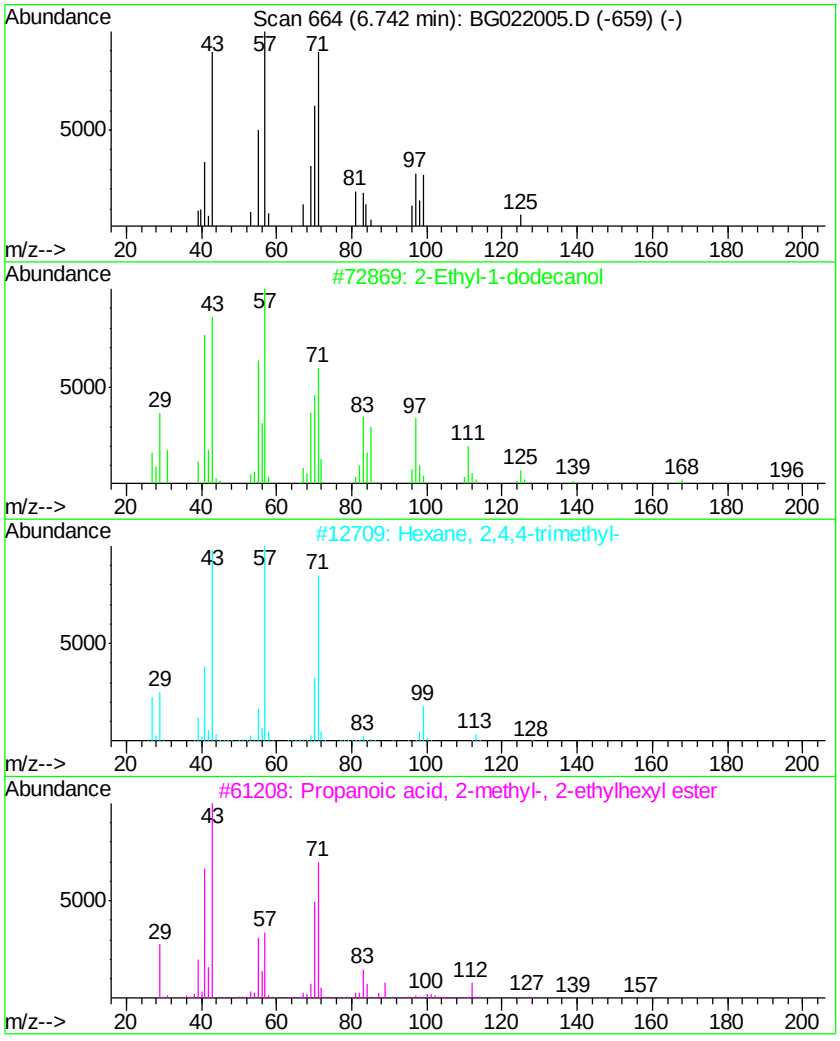
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

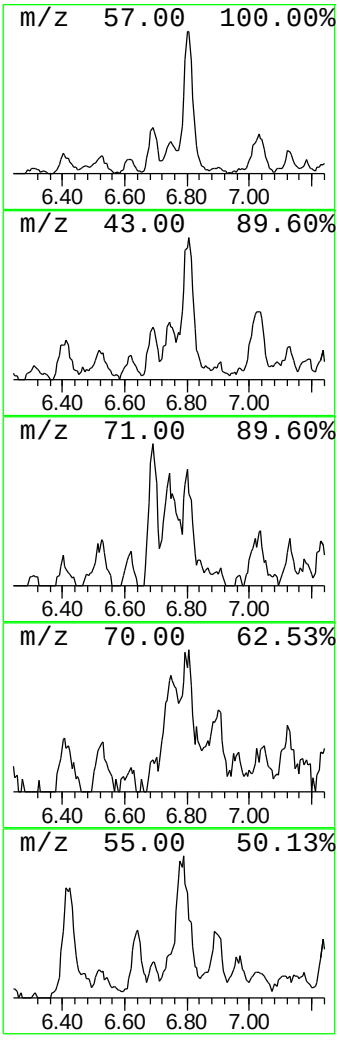
****

Peak Number 5 2-Ethyl-1-dodecanol Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	2.50 ng/ul	24370	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	56
2	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	50
3	Propanoic acid, 2-methyl-, 2-eth...	200	C12H24O2	035061-61-1	47
4	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	47
5	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	45





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

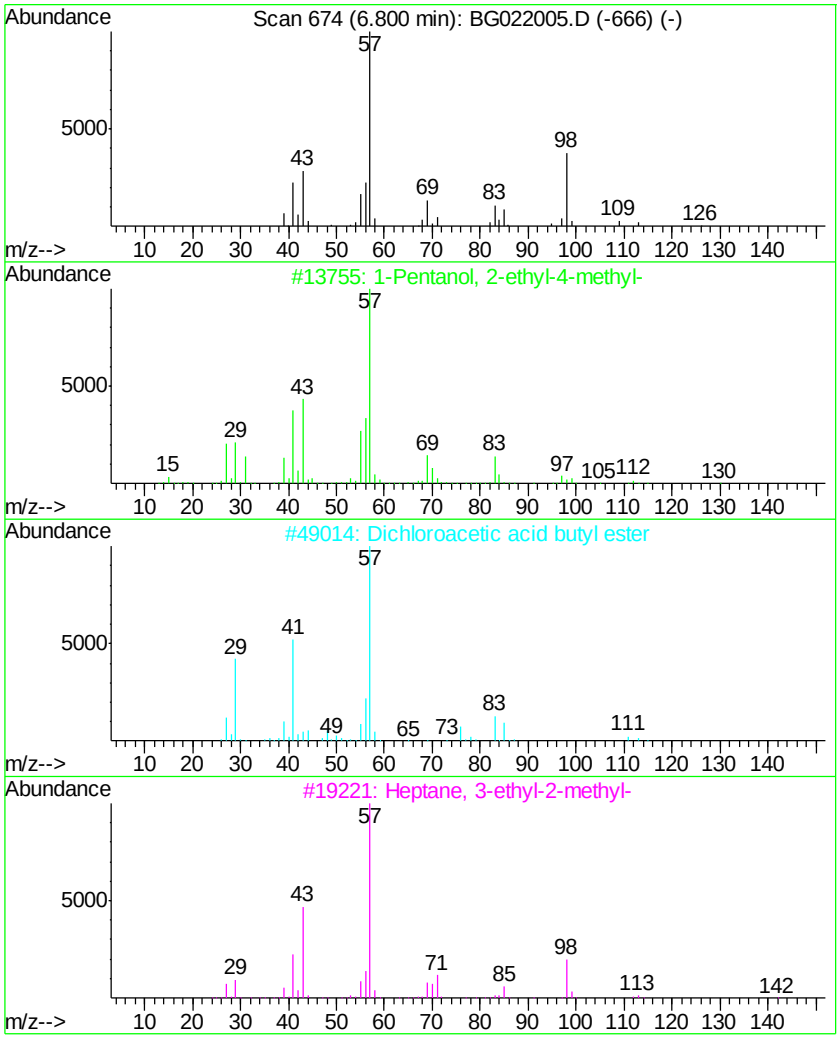
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

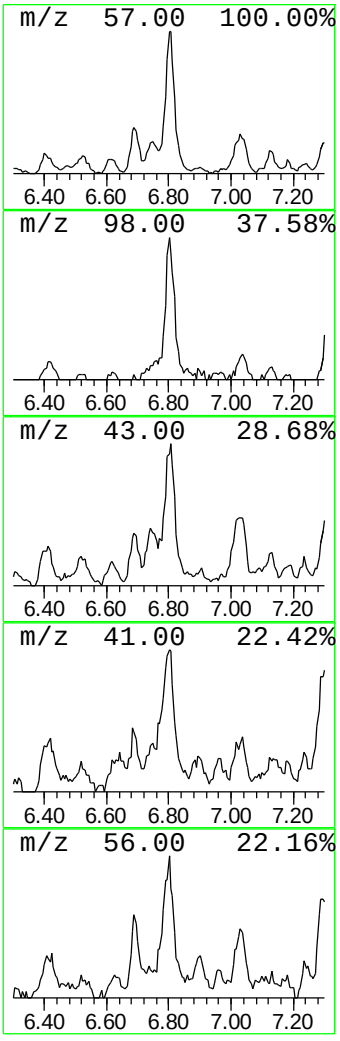
****

Peak Number 6 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	16.08 ng/ul	156577	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	47
2	Dichloroacetic acid butyl ester	184	C6H10Cl2O2	029003-73-4	47
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	42
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	42
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	42





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

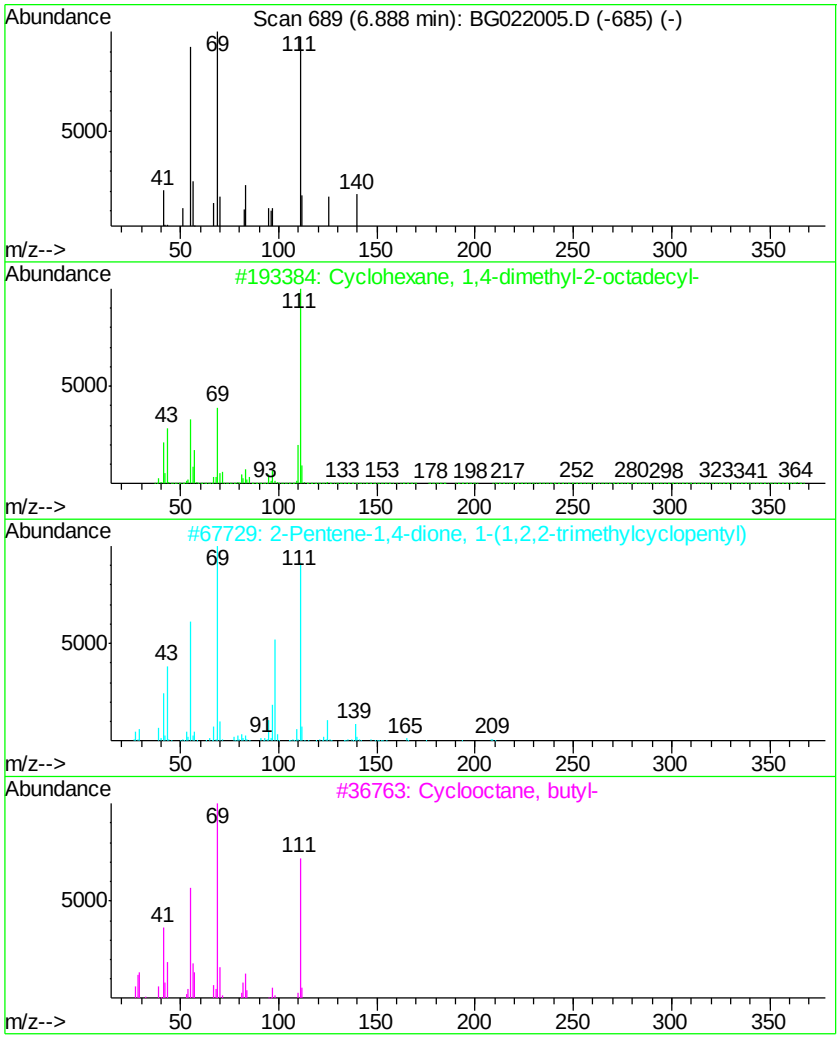
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

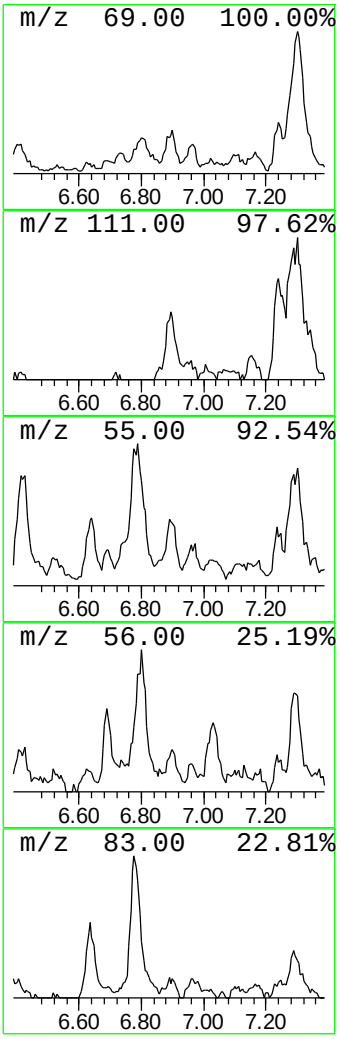
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic6.89 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	2.79 ng/ul	27144	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-2-octa...	364	C26H52	055282-02-5	59
2	2-Pentene-1,4-dione, 1-(1,2,2-tr...	208	C13H20O2	1000196-77-9	59
3	Cyclooctane, butyl-	168	C12H24	016538-93-5	53
4	1,3-Dimethyl-5-n-decylcyclohexane	252	C18H36	086710-36-3	50
5	Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	50





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Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

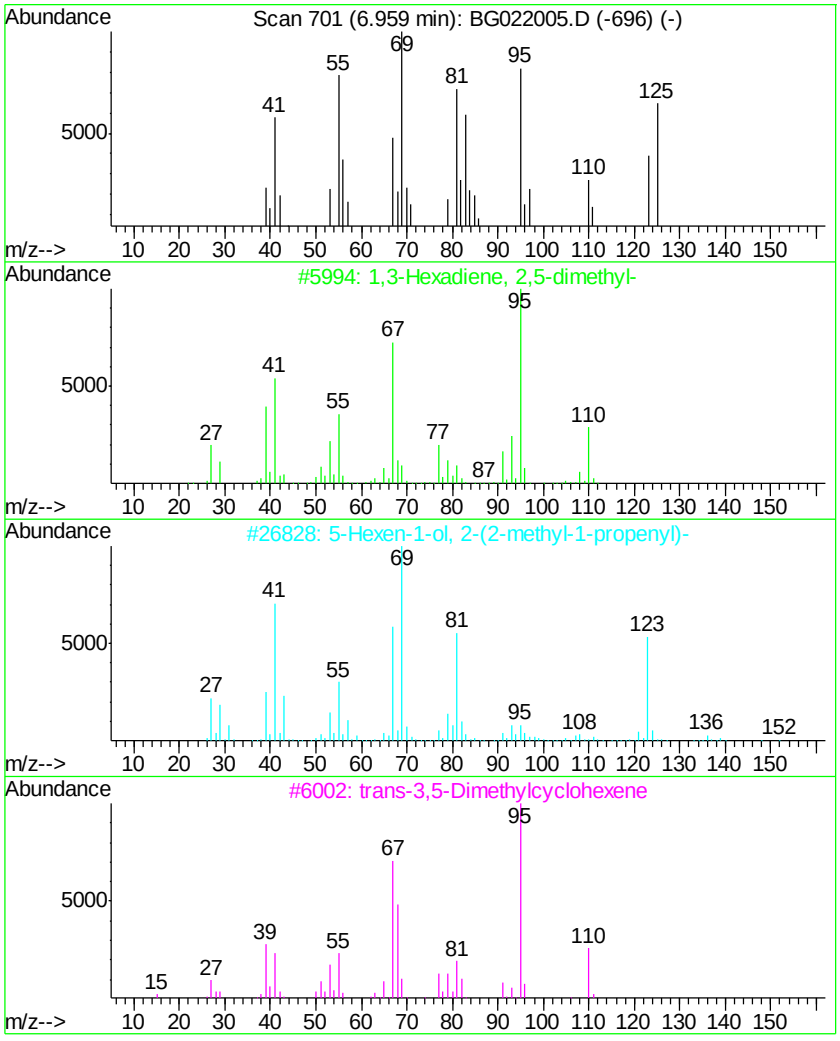
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

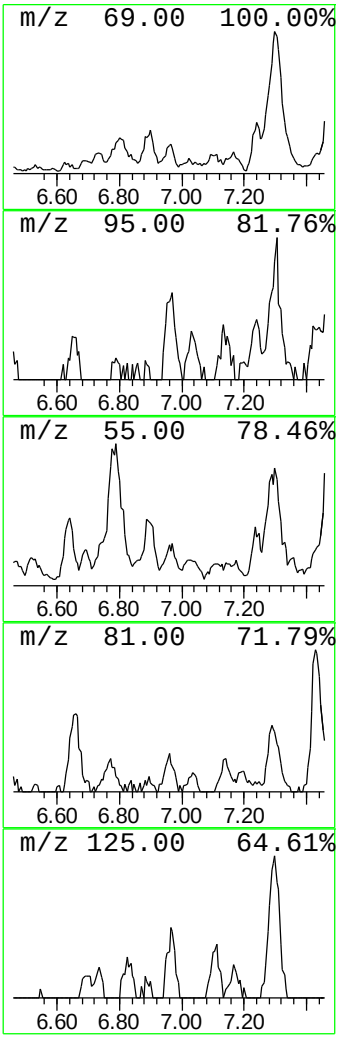
****

Peak Number 8 unknown-02 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	2.37 ng/ul	23095	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexadiene, 2,5-dimethyl-	110	C8H14	029253-64-3	25
2	5-Hexen-1-ol, 2-(2-methyl-1-prop...	154	C10H18O	018675-19-9	22
3	trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	22
4	4-Methyl-1,3-heptadiene	110	C8H14	017603-57-5	18
5	2,4-Hexadiene, 3,4-dimethyl-, (E...	110	C8H14	002417-88-1	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

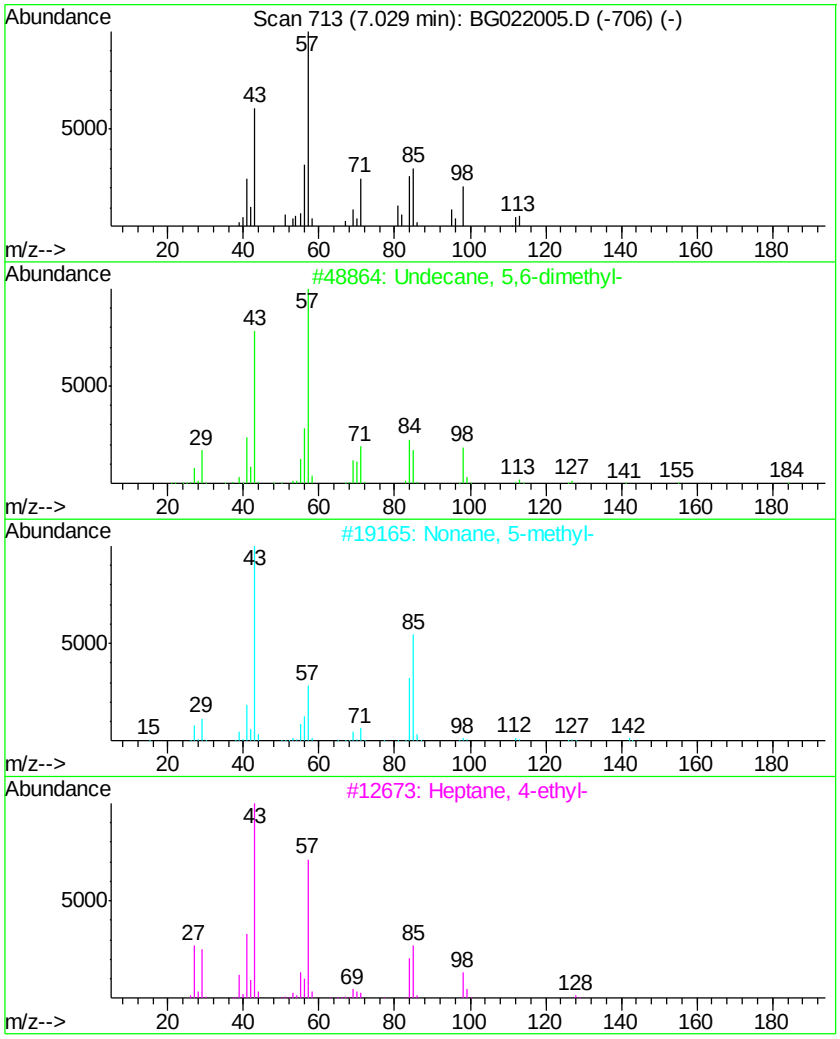
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

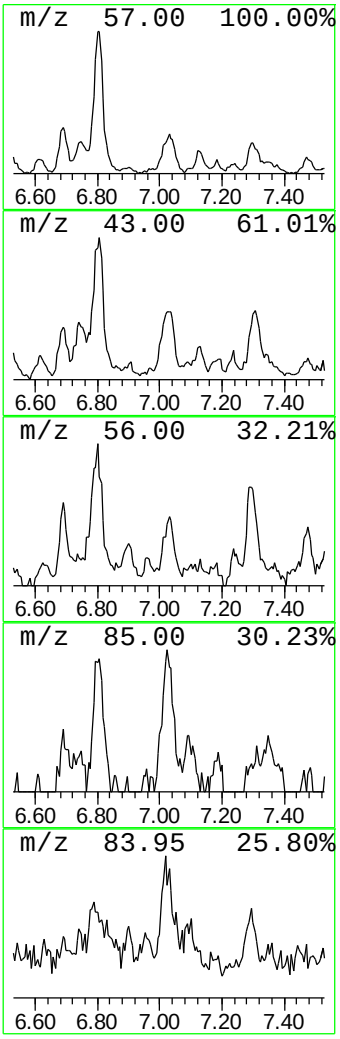
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	4.43 ng/ul	43178	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	56
2	Nonane, 5-methyl-	142	C10H22	015869-85-9	43
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	43
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	43





Library Search Compound Report

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Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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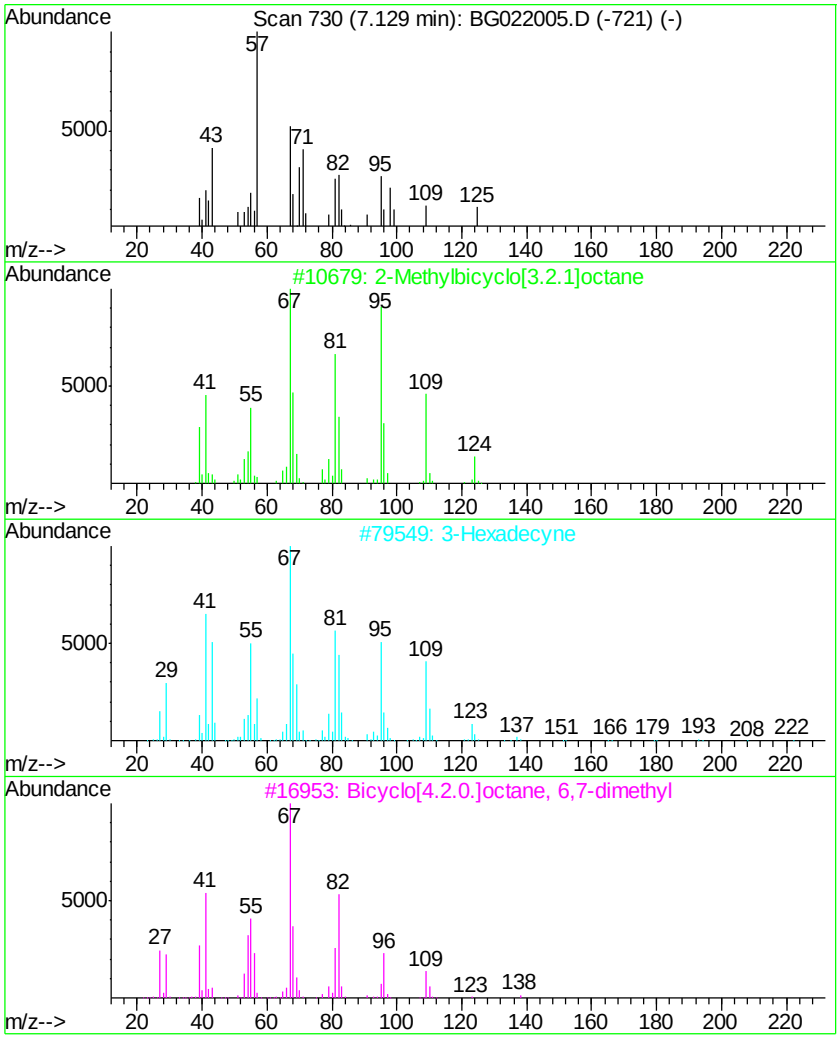
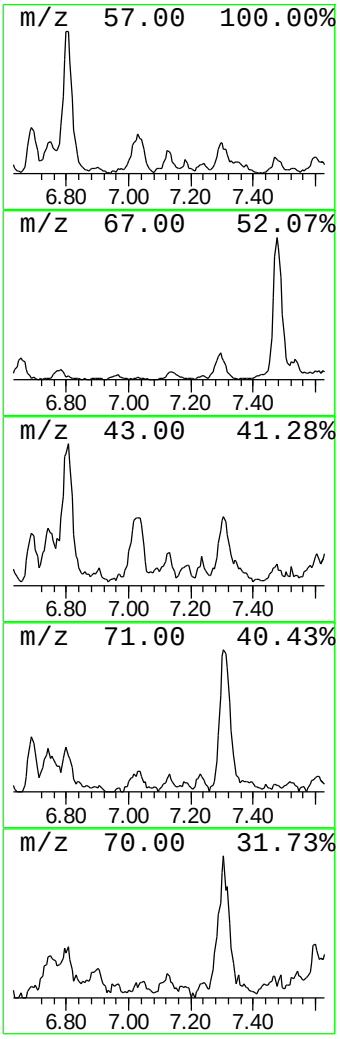
Peak Number 10 unknown-03 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	3.21 ng/ul	31307	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylbicyclo[3.2.1]octane	124	C9H16	1000215-28-0	35
2	3-Hexadecyne	222	C16H30	061886-62-2	32
3	Bicyclo[4.2.0.]octane, 6,7-dimethyl	138	C10H18	1000063-19-2	27
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	25
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	22





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

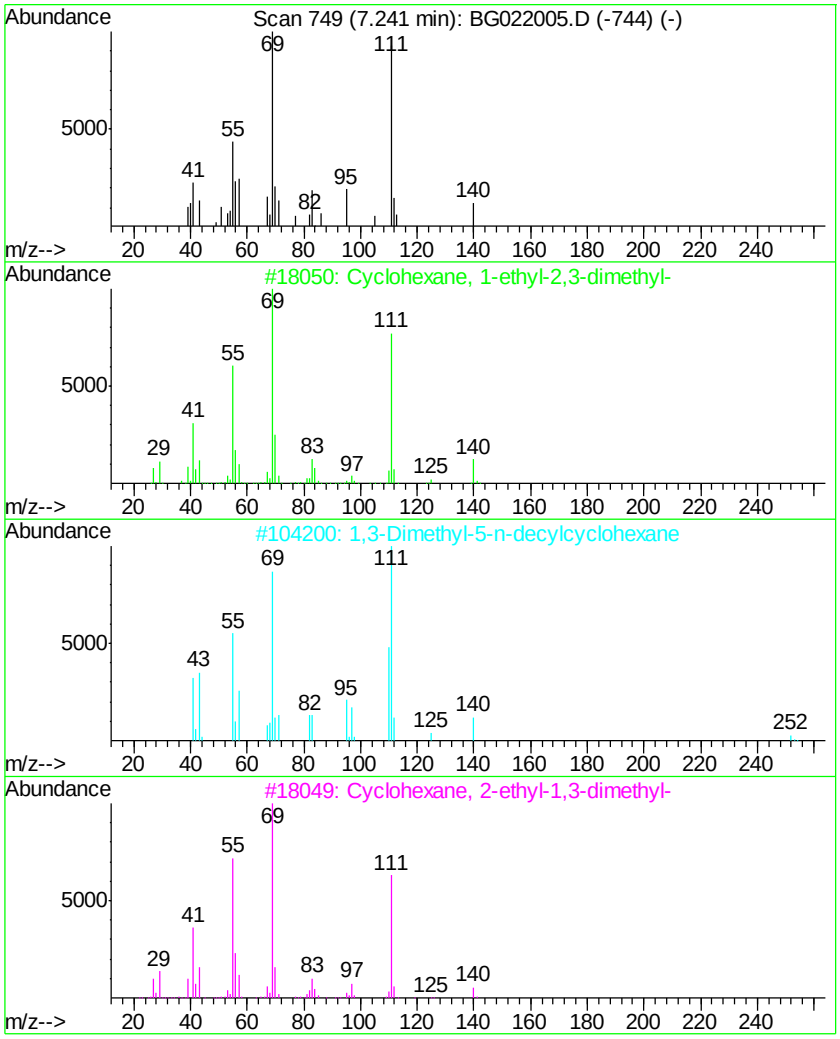
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

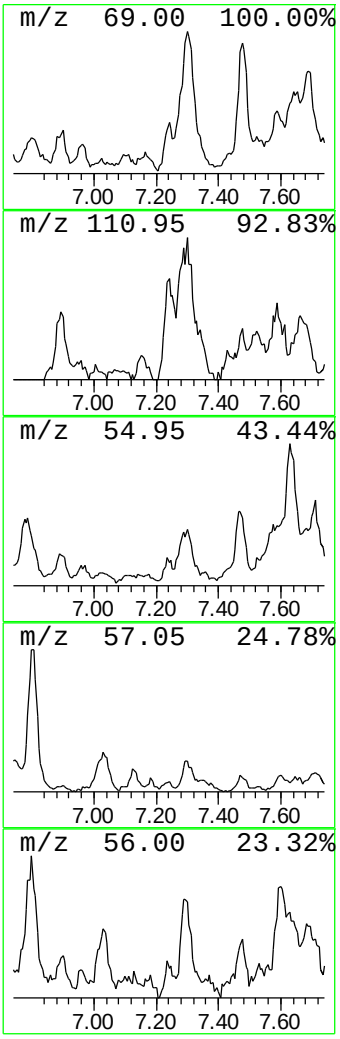
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic7.24 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	3.00 ng/ul	29243	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	72
2	1,3-Dimethyl-5-n-decylcyclohexane	252	C18H36	086710-36-3	72
3	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	72
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	64
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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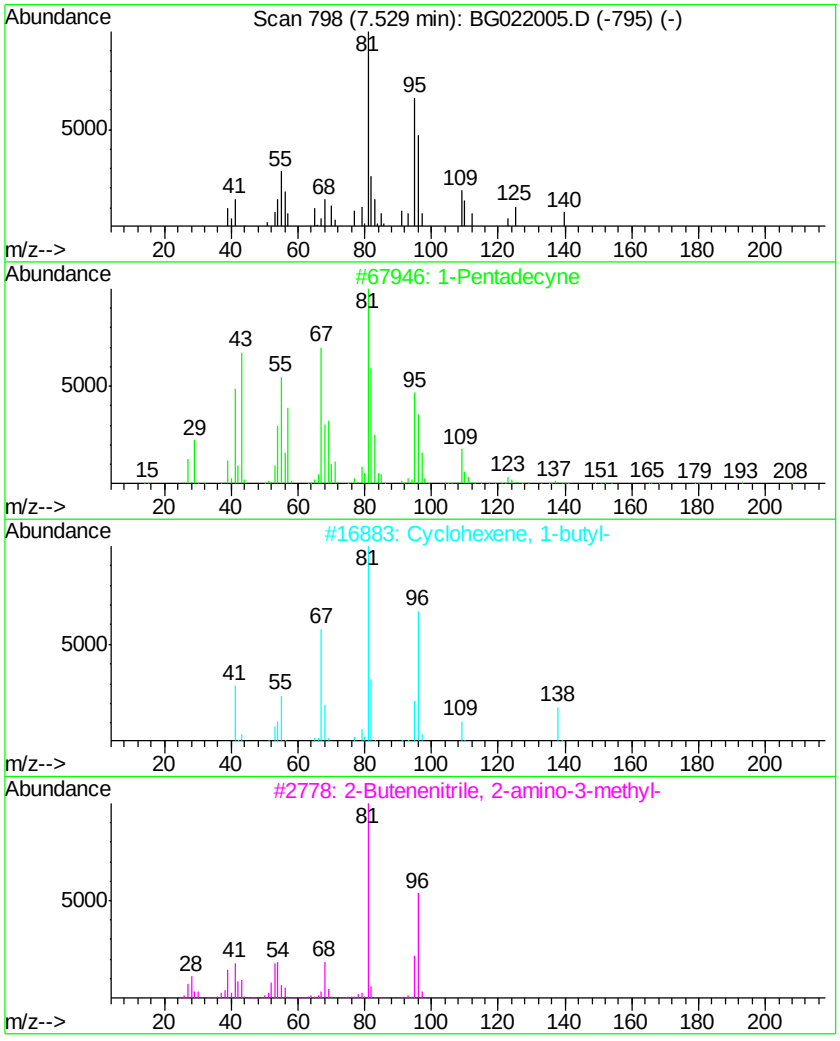
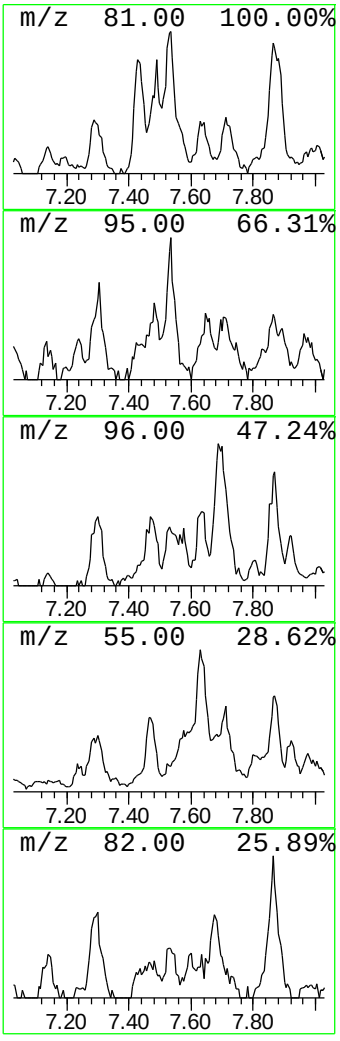
Peak Number 12 1-Pentadecyne Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	5.23 ng/ul	50914	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecyne	208	C15H28	000765-13-9	50
2	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	50
3	2-Butenenitrile, 2-amino-3-methyl-	96	C5H8N2	1000196-28-0	47
4	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	43
5	Cyclohexane, methylene-	96	C7H12	001192-37-6	43





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Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

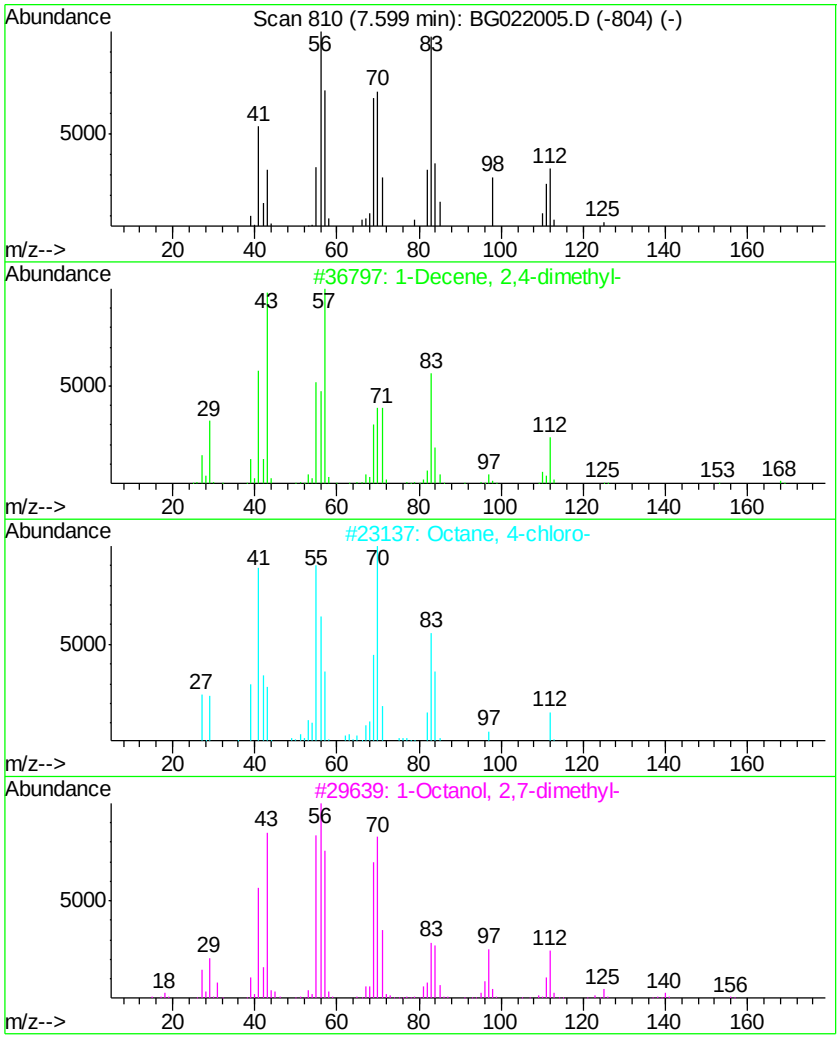
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

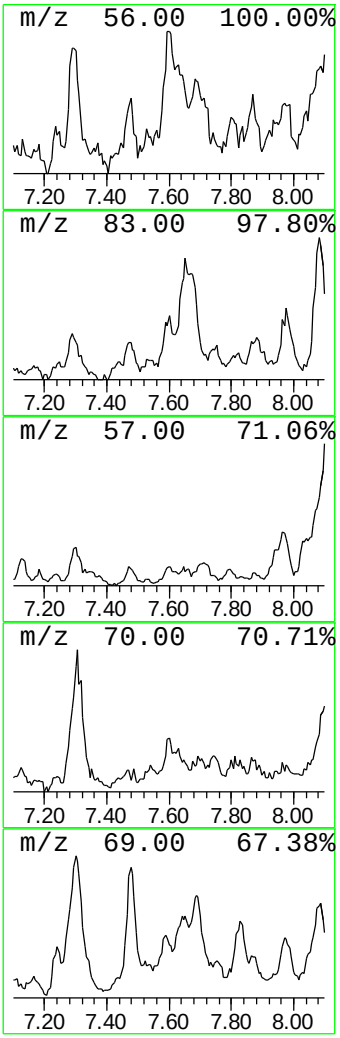
****

Peak Number 13 (DEL) Alkane: Cyclic7.60 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	6.02 ng/ul	58642	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	45
2	Octane, 4-chloro-	148	C8H17Cl	000999-07-5	38
3	1-Octanol, 2,7-dimethyl-	158	C10H22O	015250-22-3	38
4	Azocine, octahydro-	113	C7H15N	001121-92-2	35
5	1-Dodecene	168	C12H24	000112-41-4	32





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

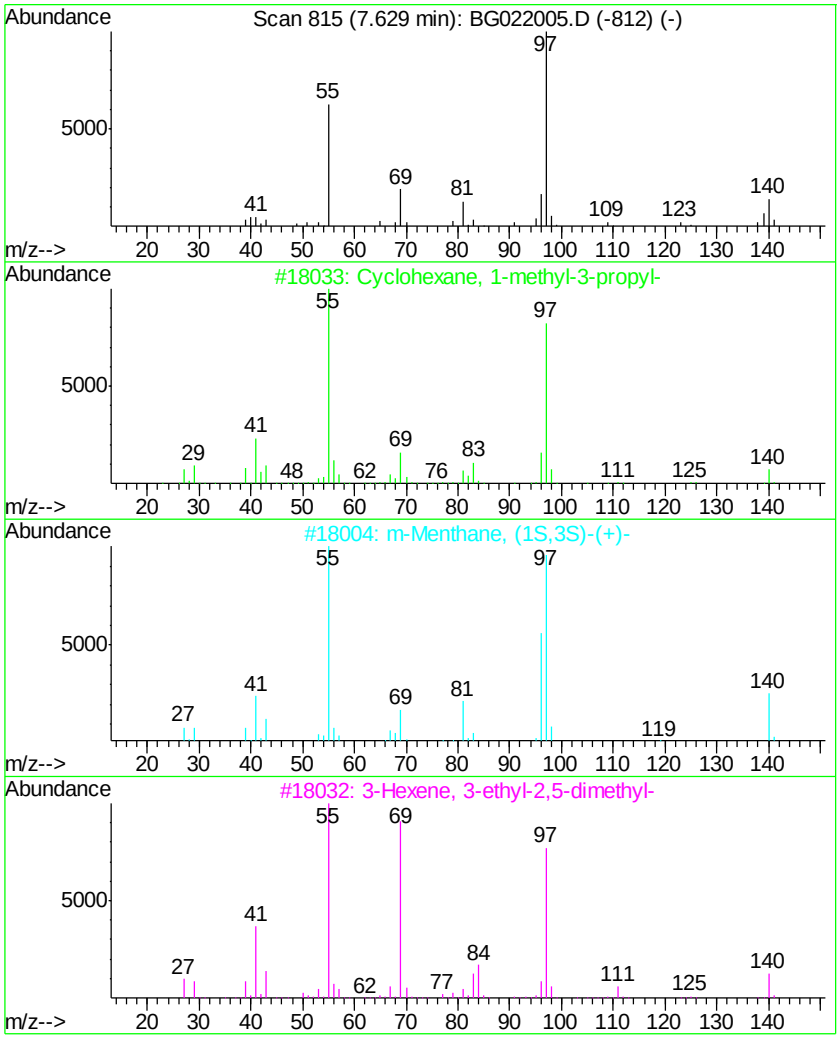
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

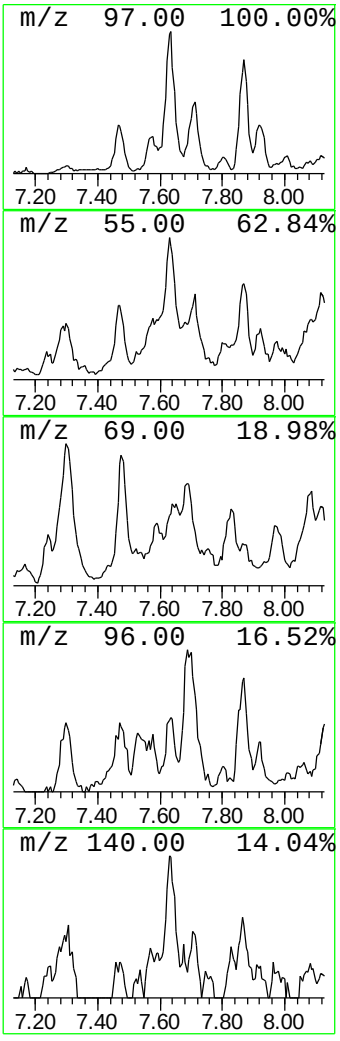
****

Peak Number 14 (DEL) Alkane: Cyclic7.63 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	11.83 ng/ul	115222	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	59
2	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	58
3	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	50
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	47
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	47





Library Search Compound Report

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Data File : BG022005.D
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Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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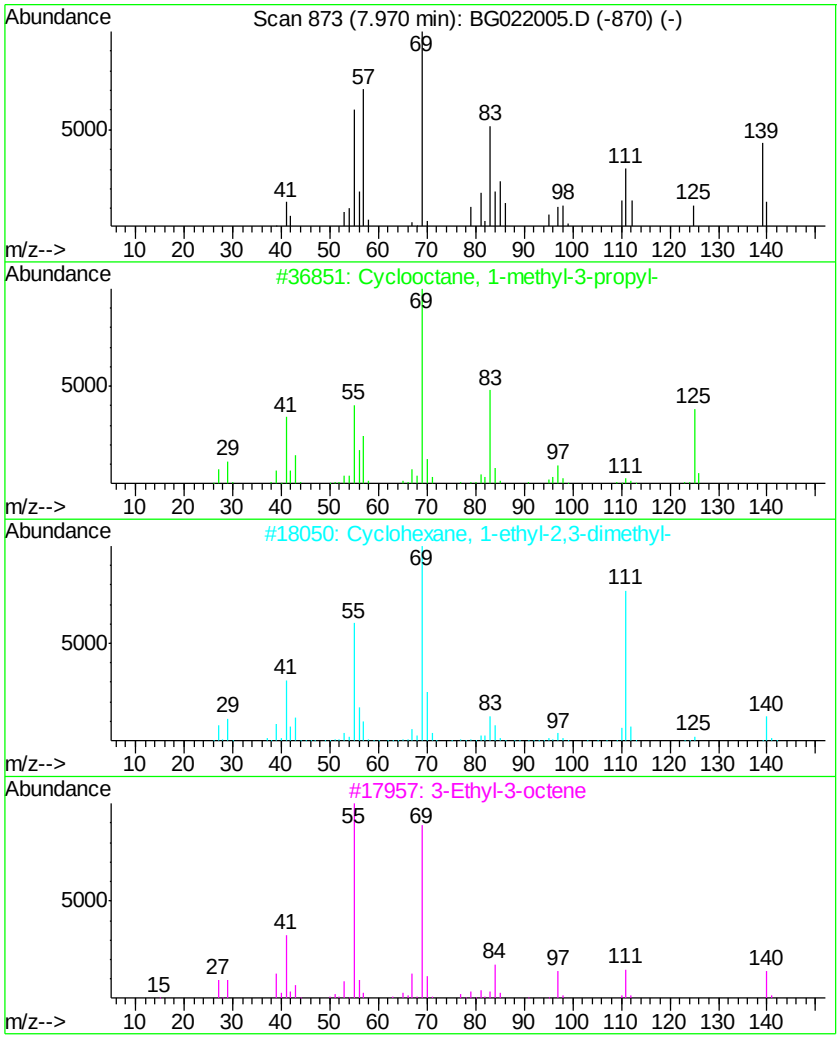
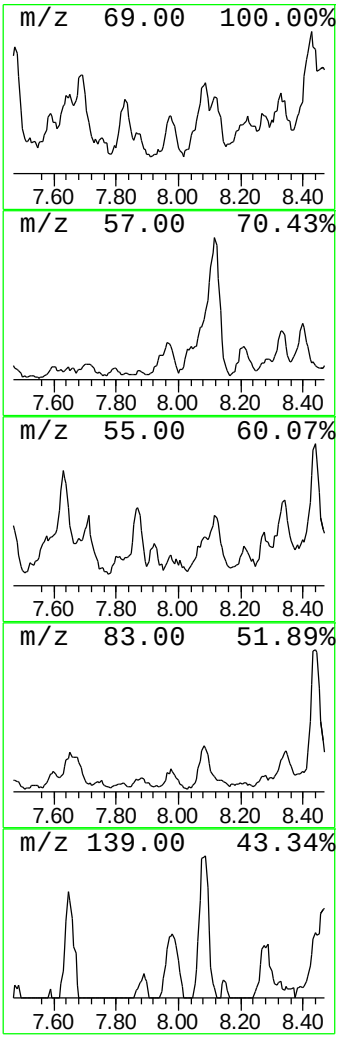
Peak Number 16 (DEL) Alkane: Cyclic7.97 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	3.40 ng/ul	33155	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	32
2	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	32
3	3-Ethyl-3-octene	140	C10H20	019781-31-8	27
4	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	27
5	Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	25





Library Search Compound Report

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Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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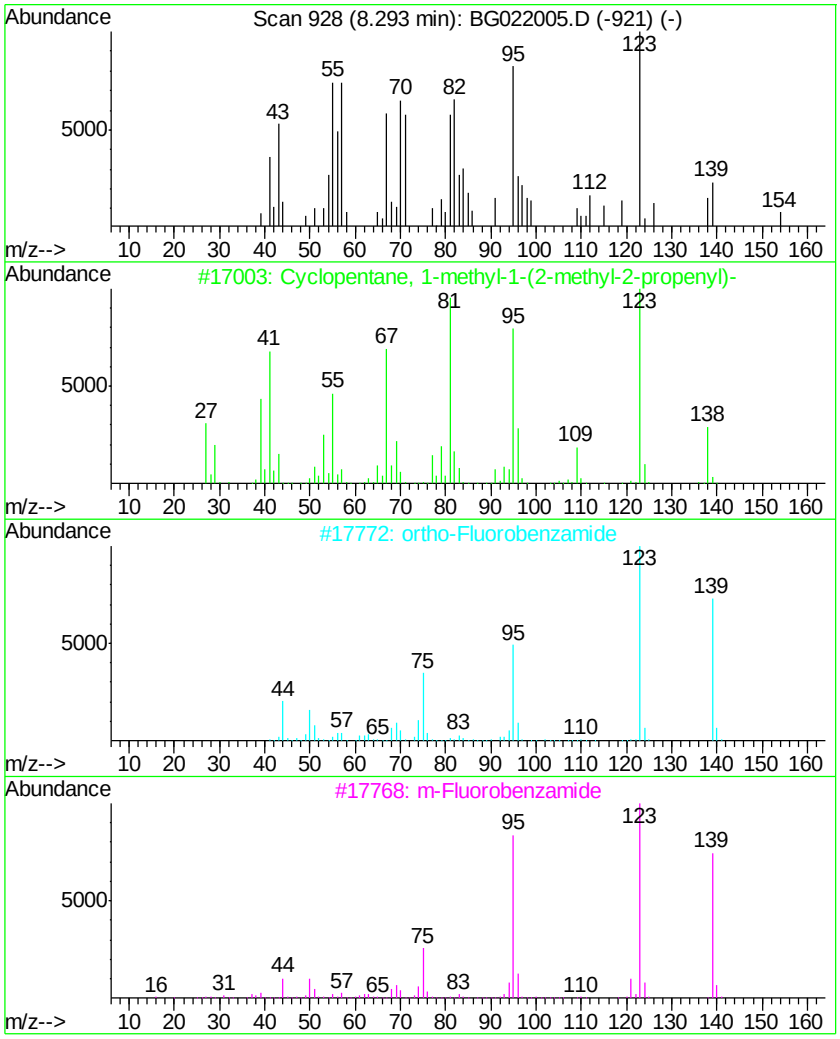
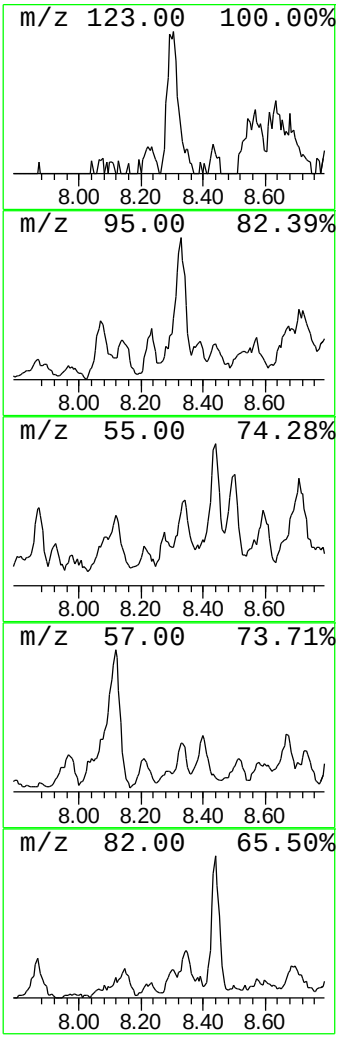
Peak Number 17 unknown-04 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	4.96 ng/ul	48296	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	38
2	ortho-Fluorobenzamide	139	C7H6FNO	000445-28-3	30
3	m-Fluorobenzamide	139	C7H6FNO	000455-37-8	27
4	p-Fluorobenzamide	139	C7H6FNO	000824-75-9	27
5	ortho-Fluorobenzamide	139	C7H6FNO	000445-28-3	27





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Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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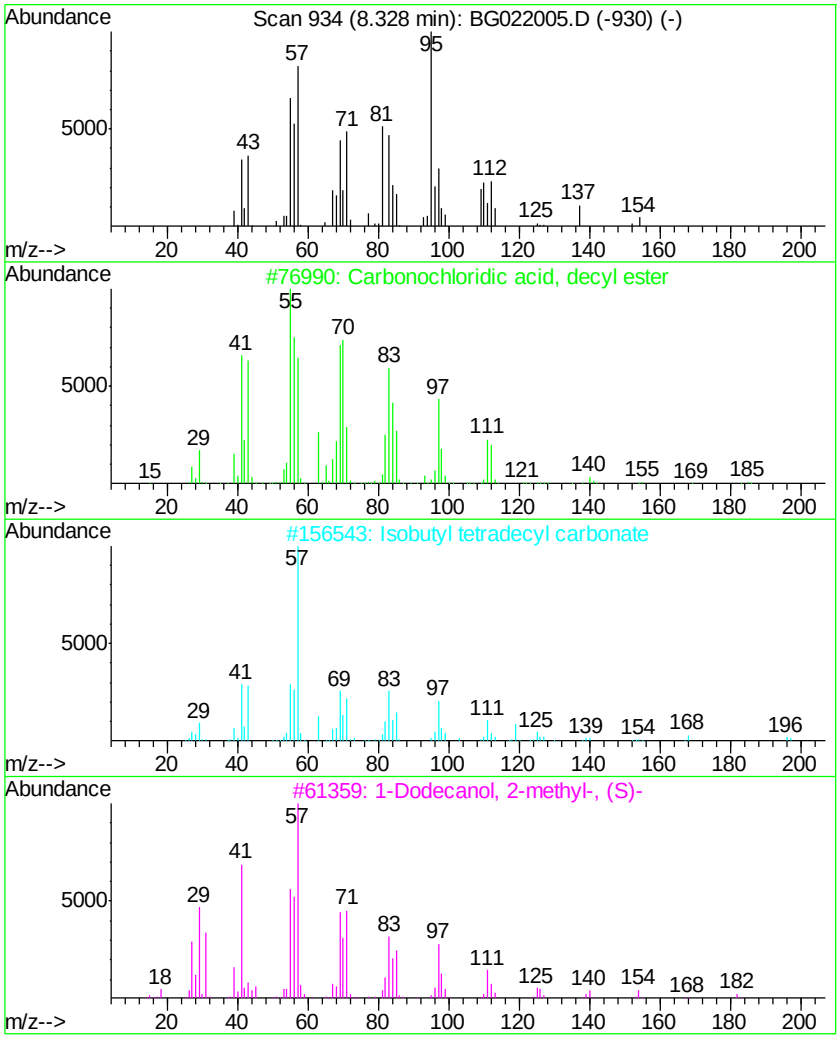
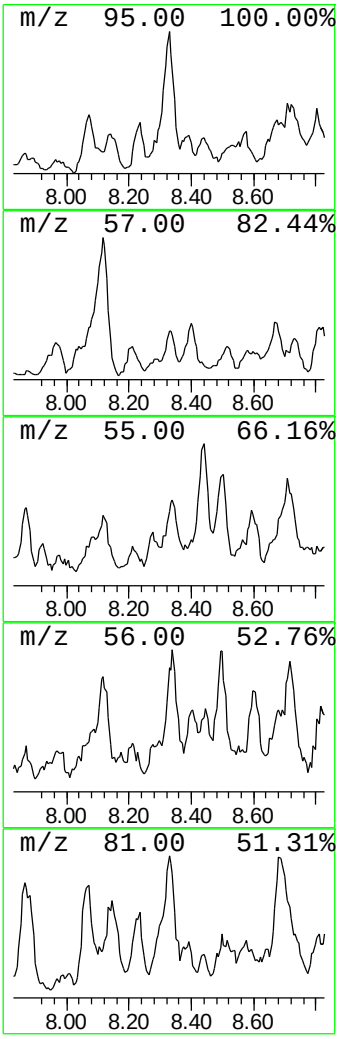
Peak Number 18 unknown-05 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	12.93 ng/ul	125897	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonochloridic acid, decyl ester	220	C11H21ClO2	055488-51-2	27
2	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	27
3	1-Dodecanol, 2-methyl-, (S)-	200	C13H28O	057289-26-6	27
4	Formic acid, dec-2-yl ester	186	C11H22O2	1000367-89-5	27
5	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	27





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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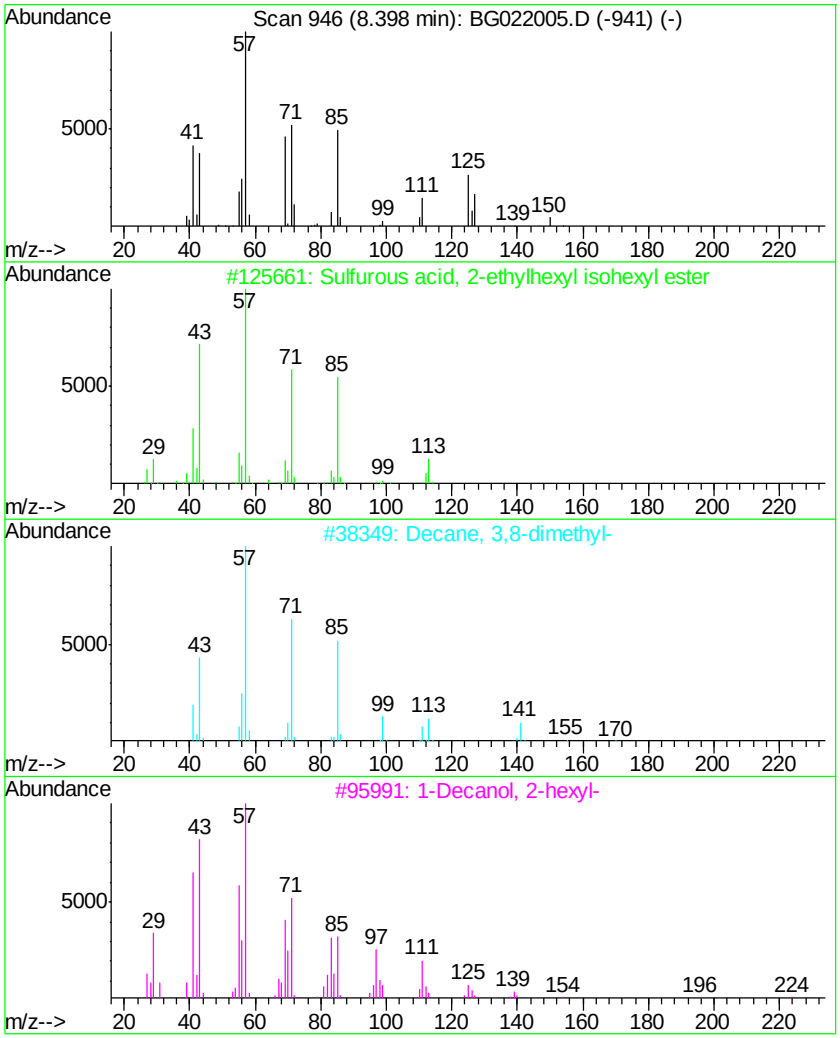
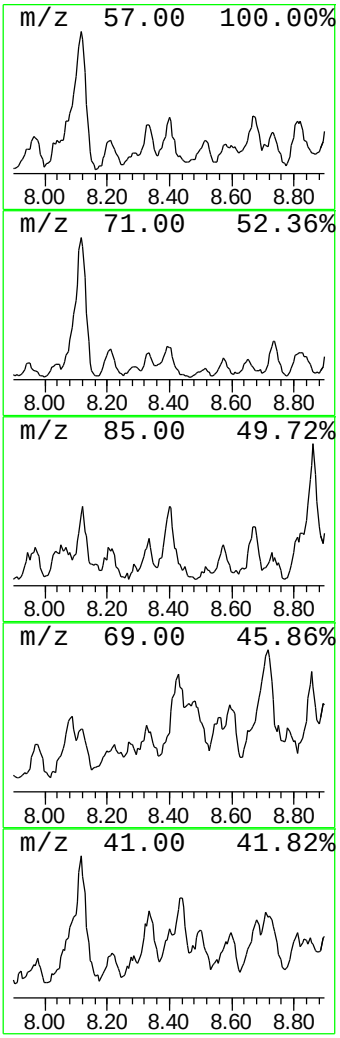
Peak Number 19 unknown-06 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	3.92 ng/ul	38154	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	47
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	42
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	40
4	Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	40
5	1-Heptadecanamine	255	C17H37N	004200-95-7	36





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Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

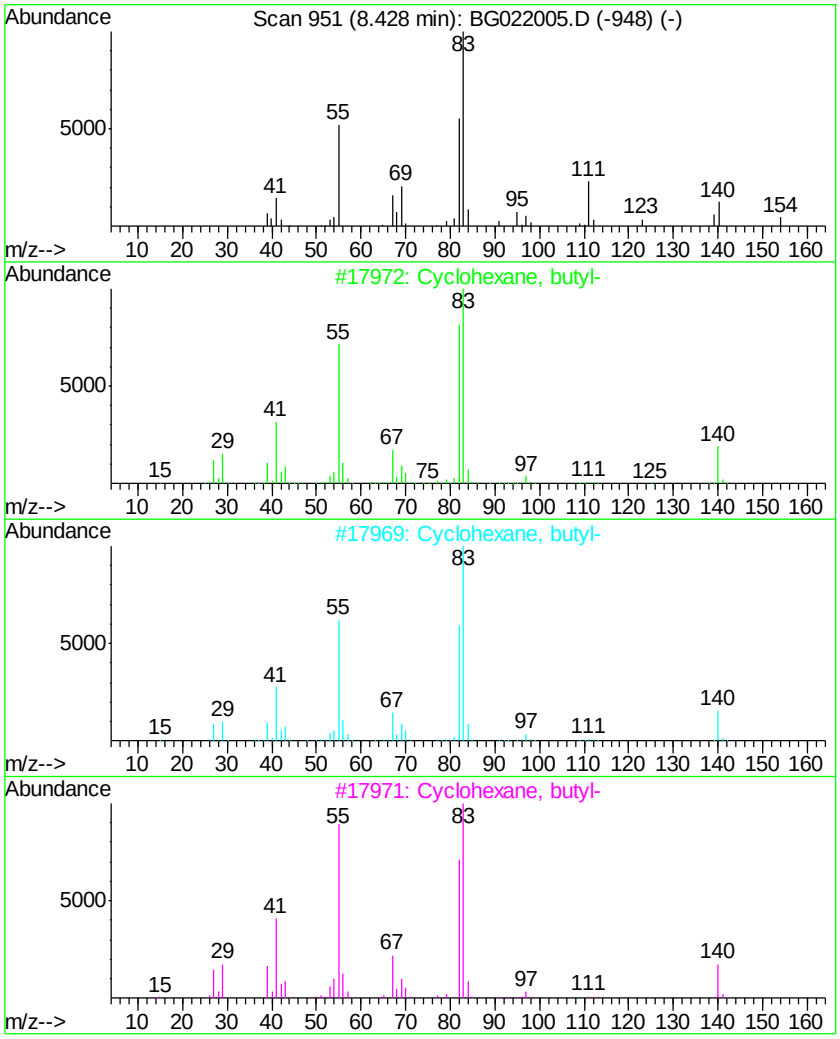
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

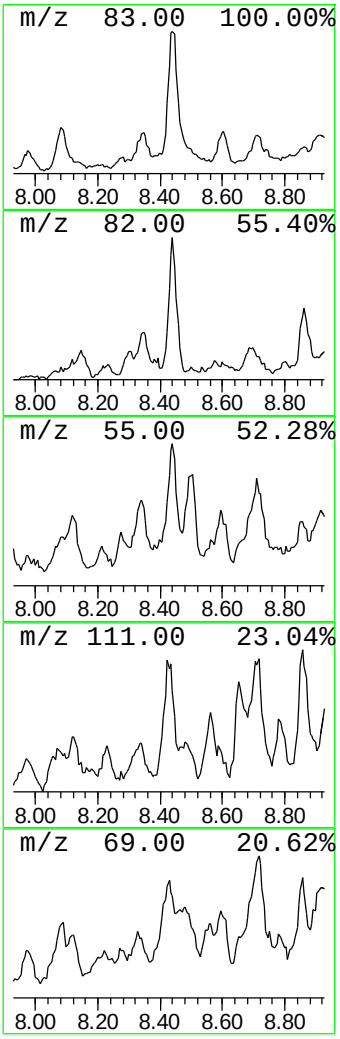
****

Peak Number 20 (DEL) Alkane: Cyclic8.43 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	9.95 ng/ul	96860	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	83
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
5	8-Azabicyclo[3.2.1]octan-3-amine...	140	C8H16N2	098998-25-5	72





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Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

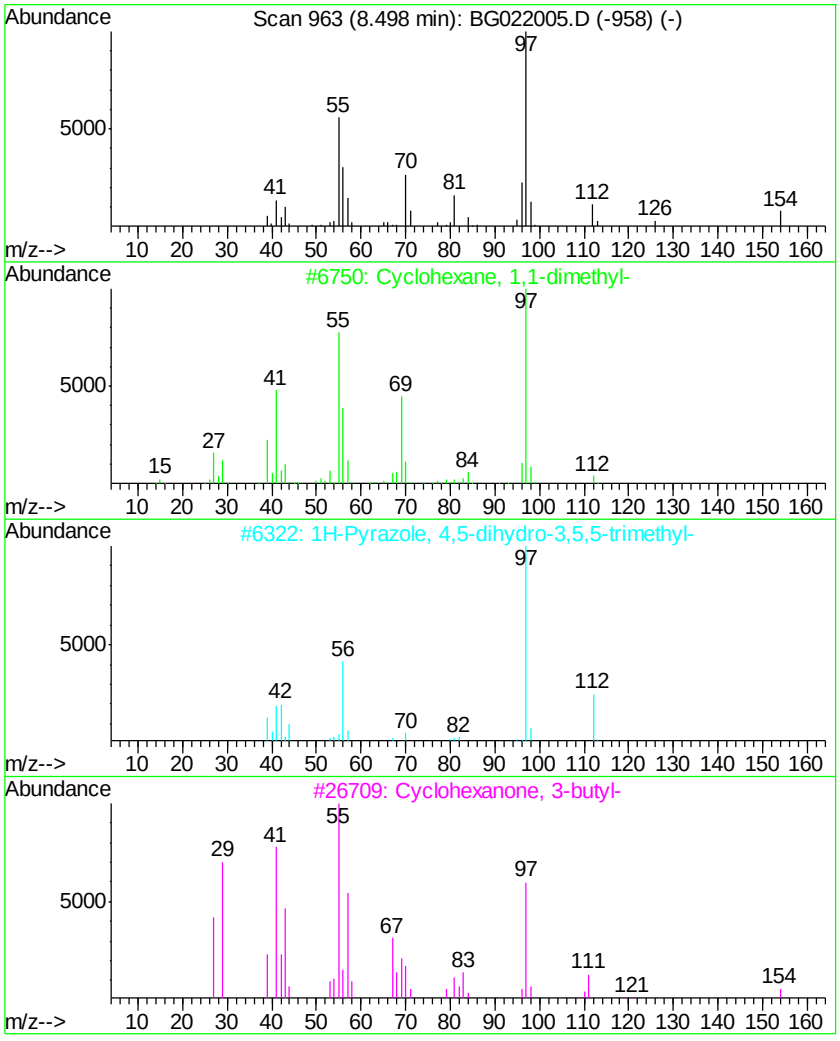
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

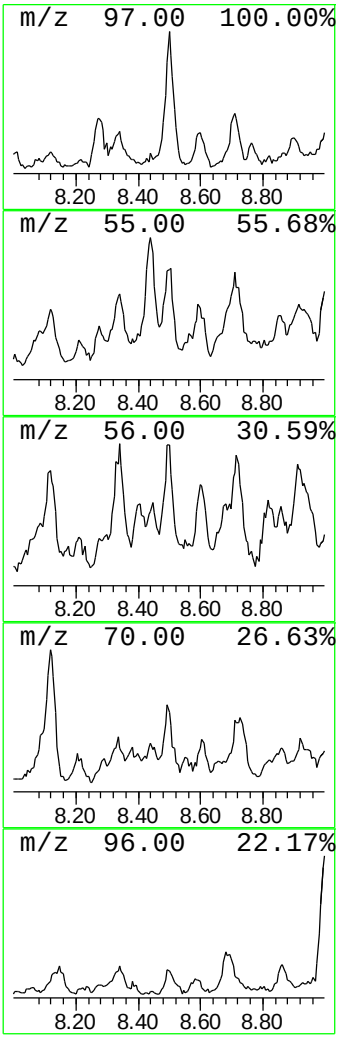
****

Peak Number 21 (DEL) Alkane: Cyclic8.50 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	8.41 ng/ul	81897	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	59
2	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	58
3	Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	50
4	2-Cyclohexen-1-ol, 1-methyl-	112	C7H12O	023758-27-2	43
5	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	42





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Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

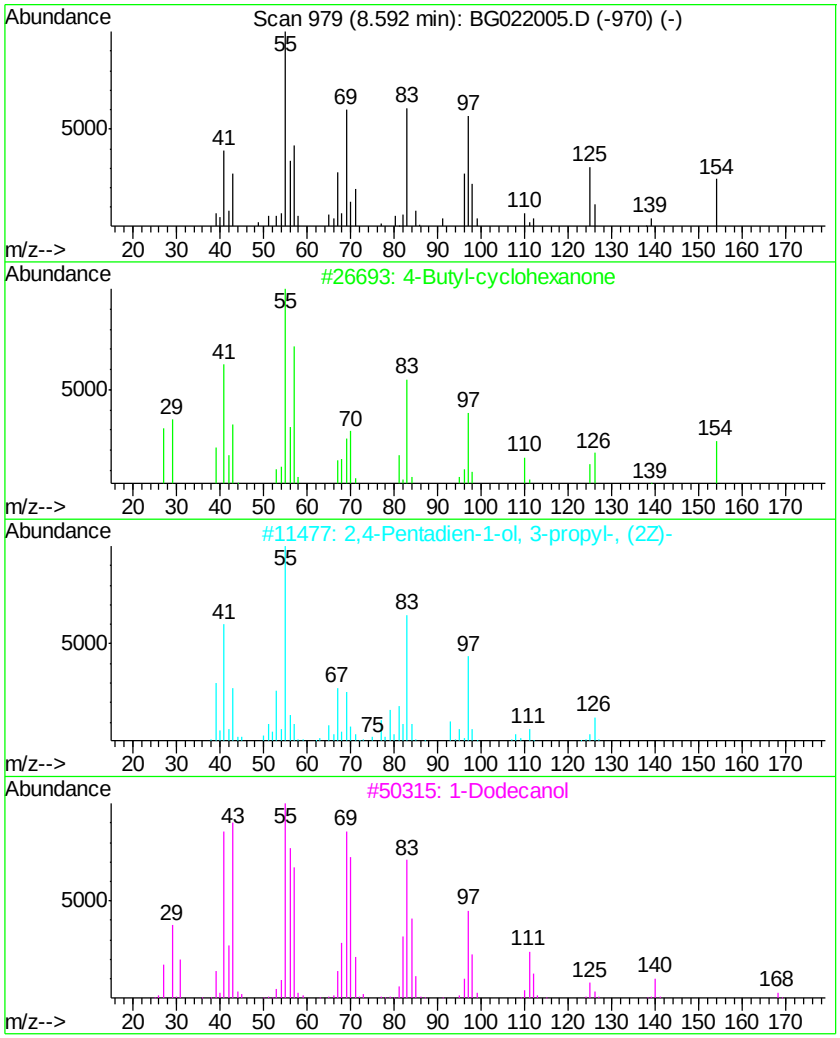
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

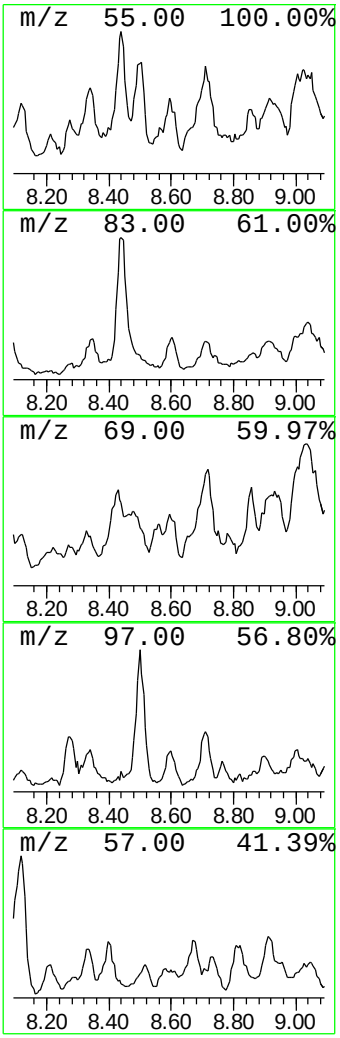
****

Peak Number 22 4-Butyl-cyclohexanone Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	9.12 ng/ul	88788	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Butyl-cyclohexanone	154	C10H18O	061203-82-5	50
2	2,4-Pentadien-1-ol, 3-propyl-, (...	126	C8H14O	1000142-17-9	38
3	1-Dodecanol	186	C12H26O	000112-53-8	25
4	2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	22
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	22





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Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

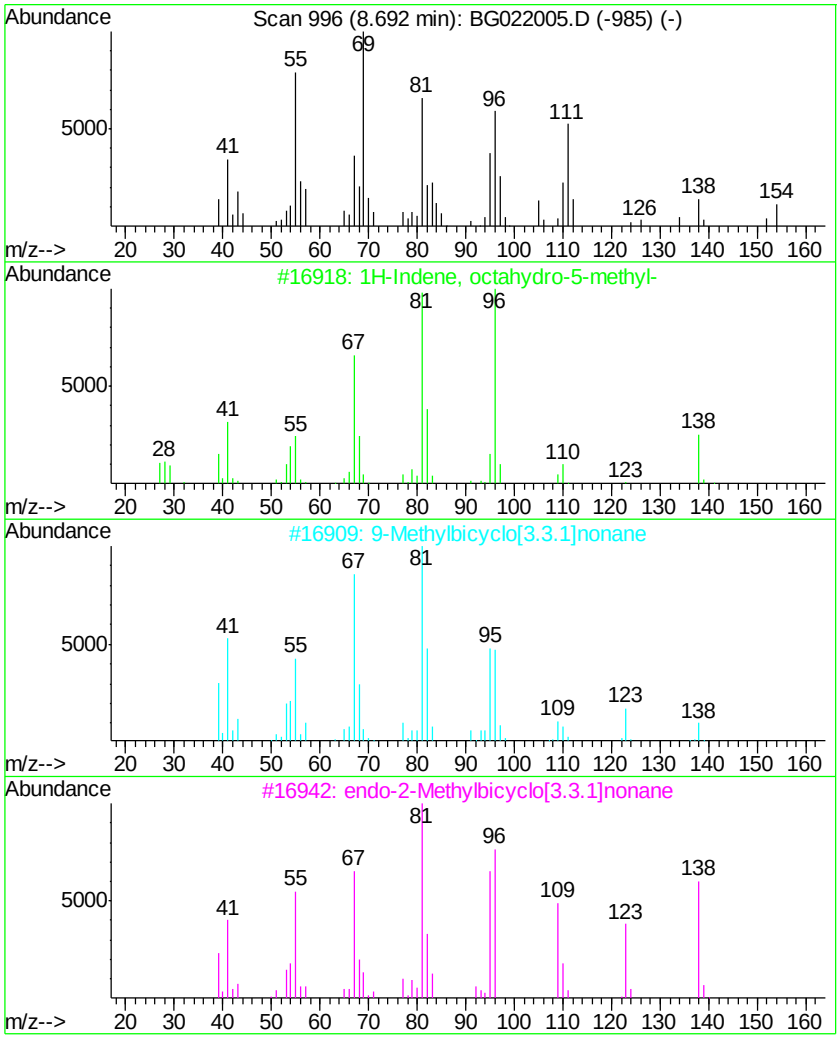
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

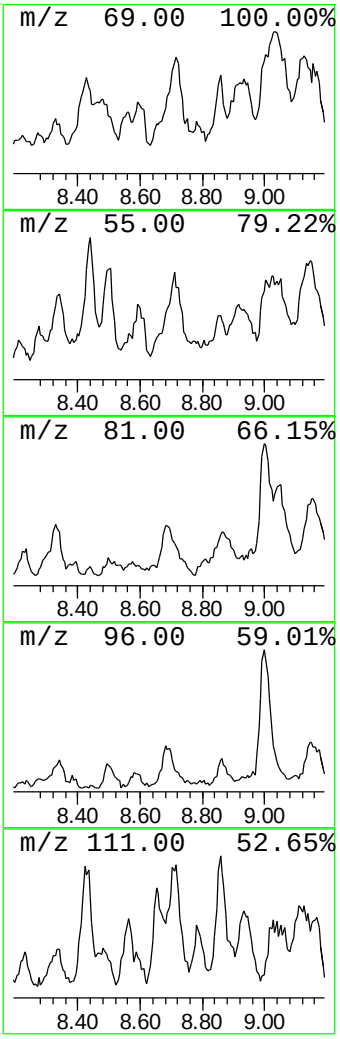
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1H-Indene, octahydro-5-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	11.49 ng/ul	111947	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-5-methyl-	138	C10H18	019744-64-0	50
2	9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	46
3	endo-2-Methylbicyclo[3.3.1]nonane	138	C10H18	042558-37-2	46
4	Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	46
5	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

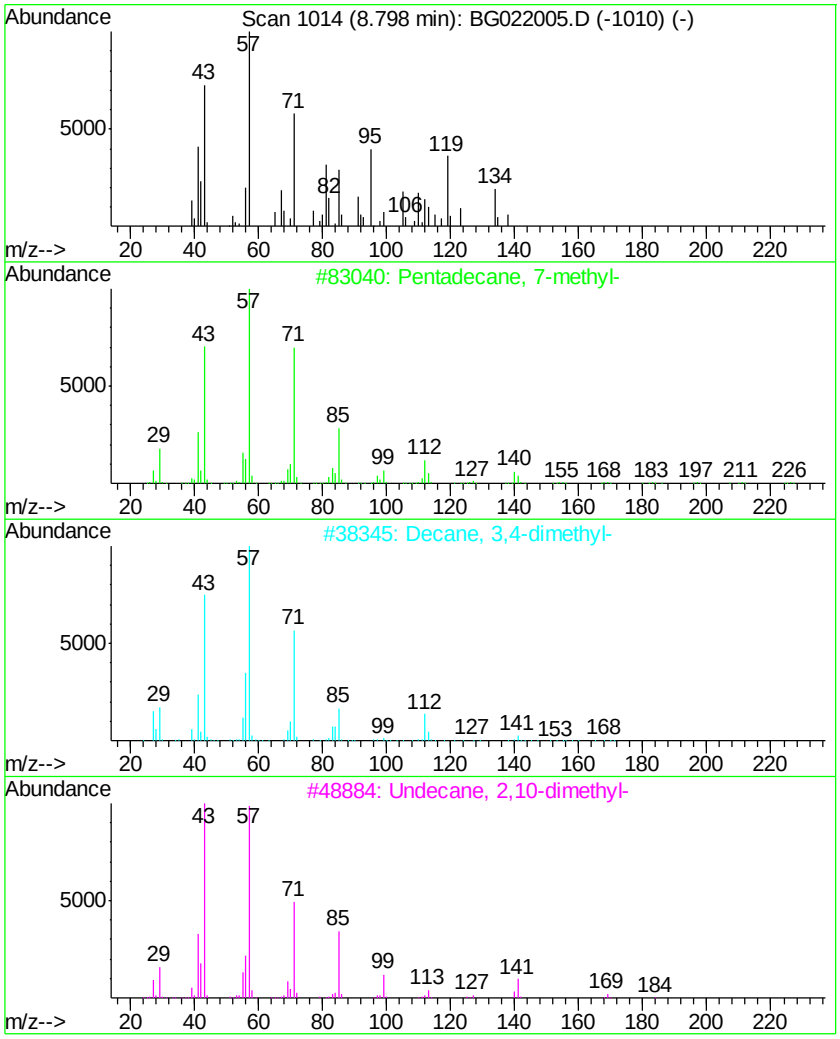
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

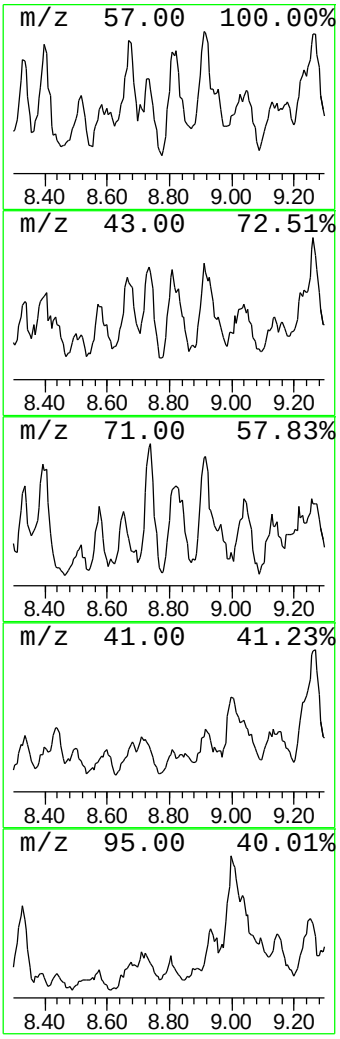
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	6.80 ng/ul	66181	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	47
2	Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	43
3	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	43
4	Decane, 3-methyl-	156	C11H24	013151-34-3	43
5	Tetracosane	338	C24H50	000646-31-1	43





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

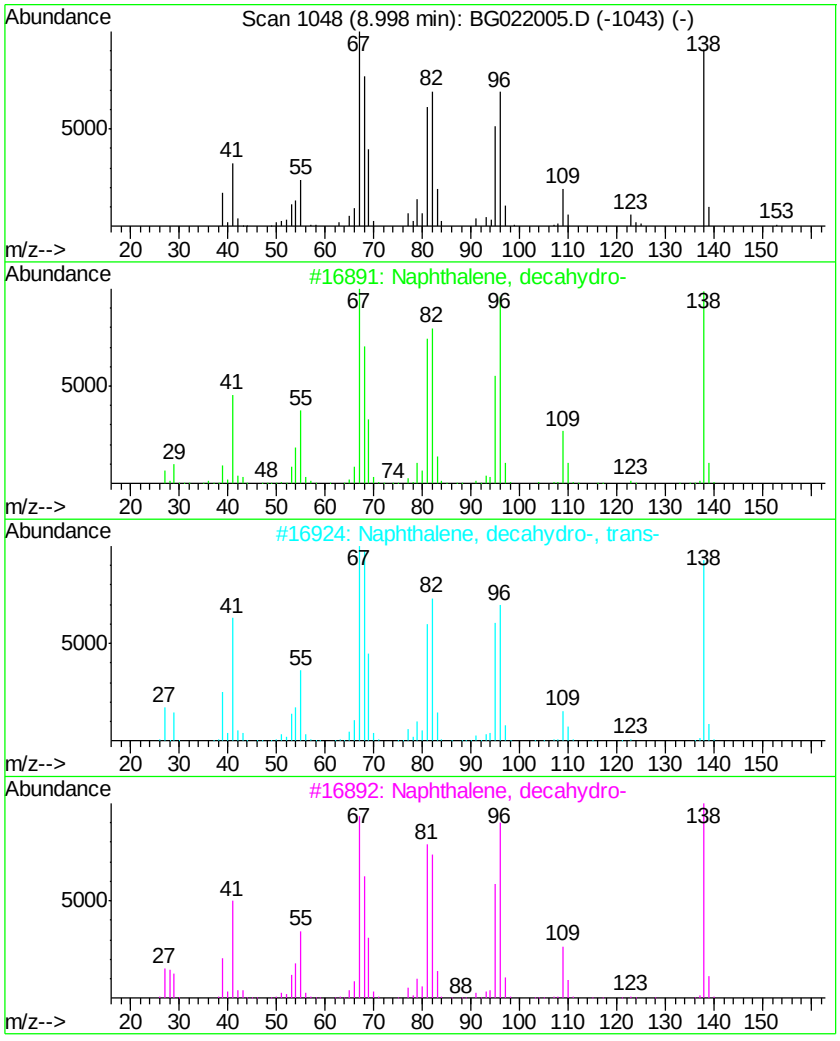
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

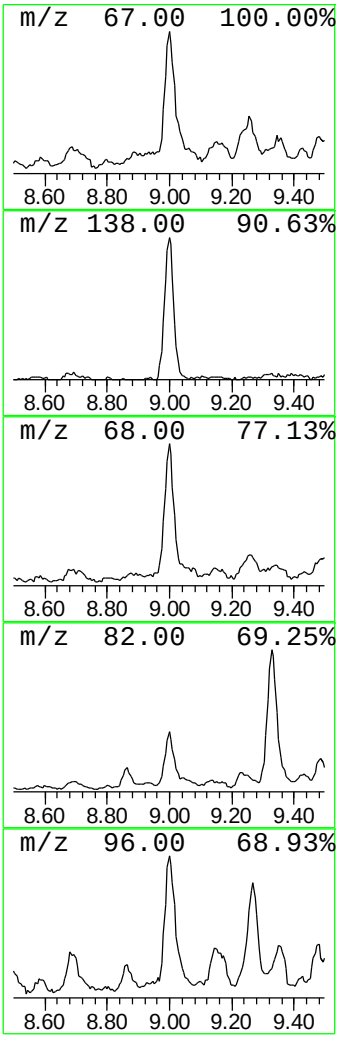
****

Peak Number 25 Naphthalene, decahydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	30.13 ng/ul	293387	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	97
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
4	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
5	Naphthalene, decahydro-	138	C10H18	000091-17-8	91





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Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

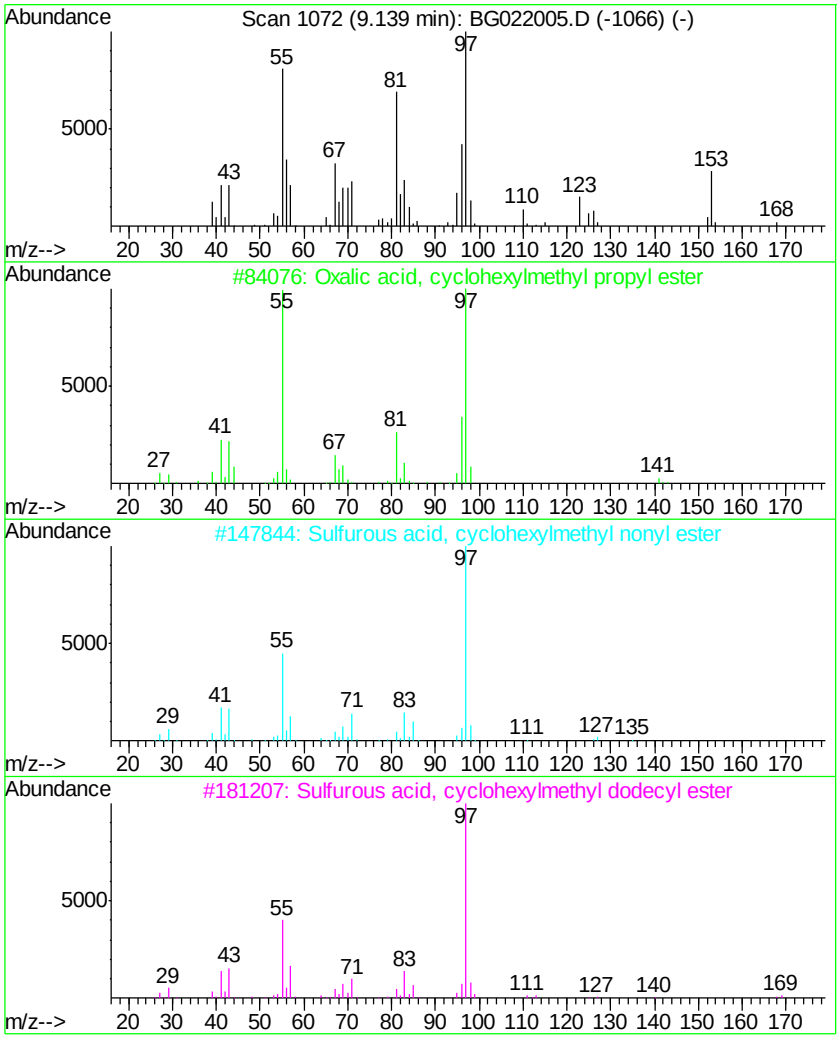
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

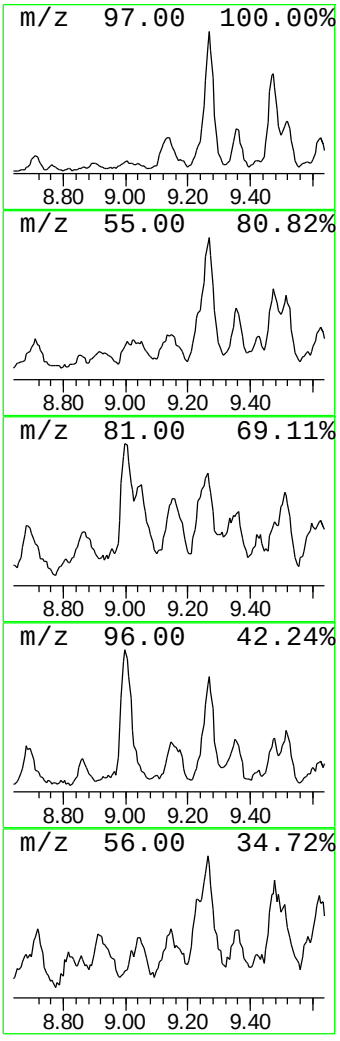
****

Peak Number 26 Oxalic acid, cyclohexylmeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	23.13 ng/ul	225218	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	50
2	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	47
3	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	47
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	47
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	43





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Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGG4

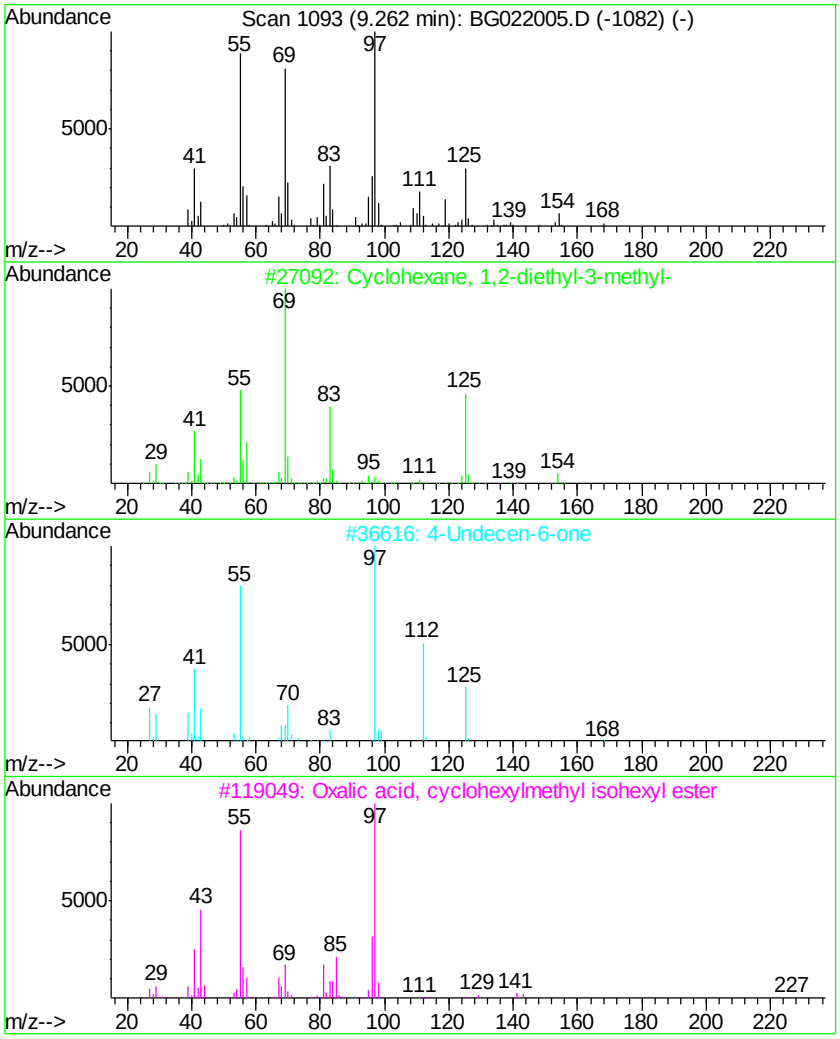
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

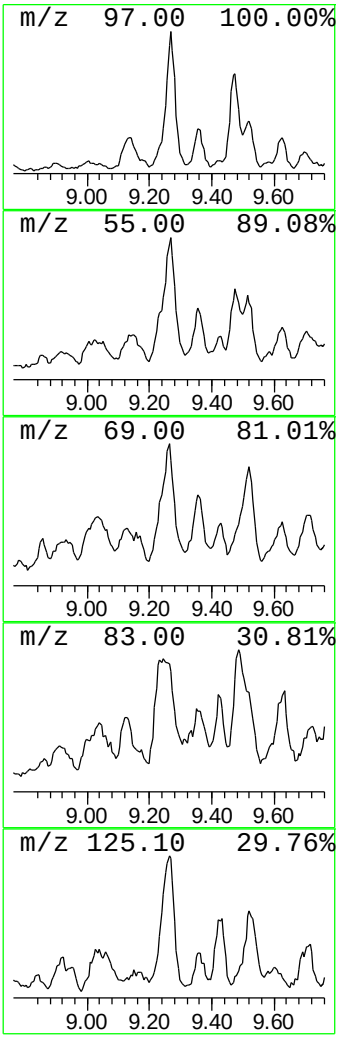
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic9.26 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	67.84 ng/ul	660716	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	38
2	4-Undecen-6-one	168	C11H20O	032064-74-7	38
3	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	35
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	35
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	35





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Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

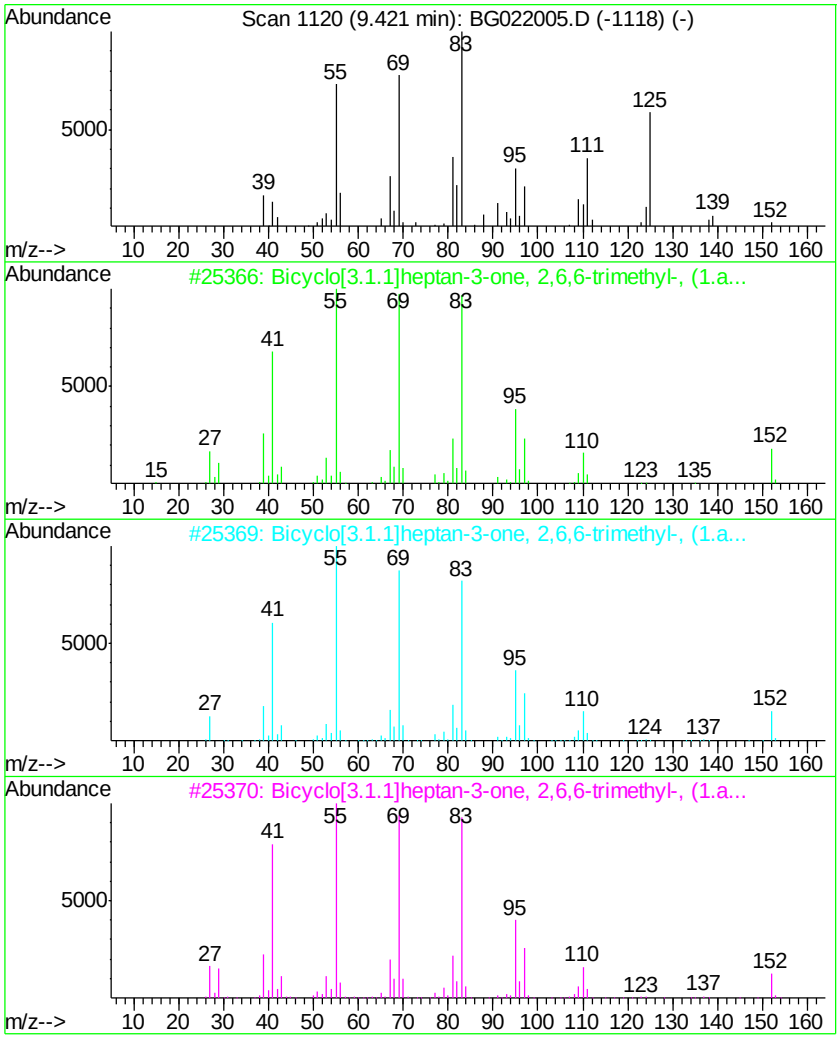
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

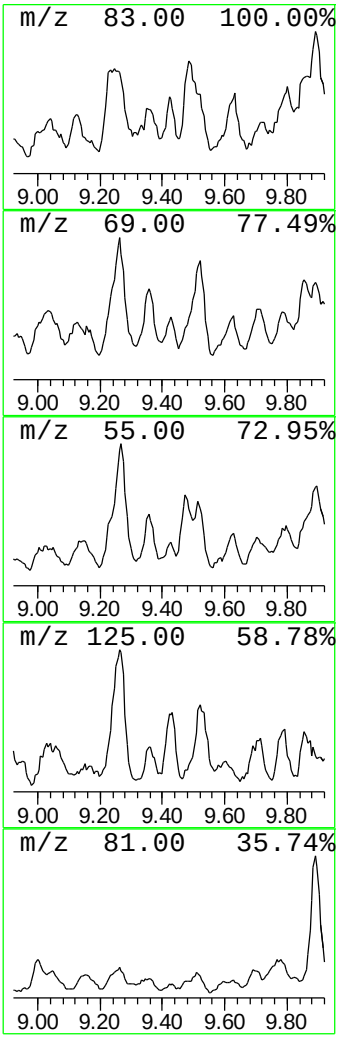
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Bicyclo[3.1.1]heptan-3-one,... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	4.50 ng/ul	43792	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	70
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43
3	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	43
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43





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Sample : H3124-18
Misc :
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Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

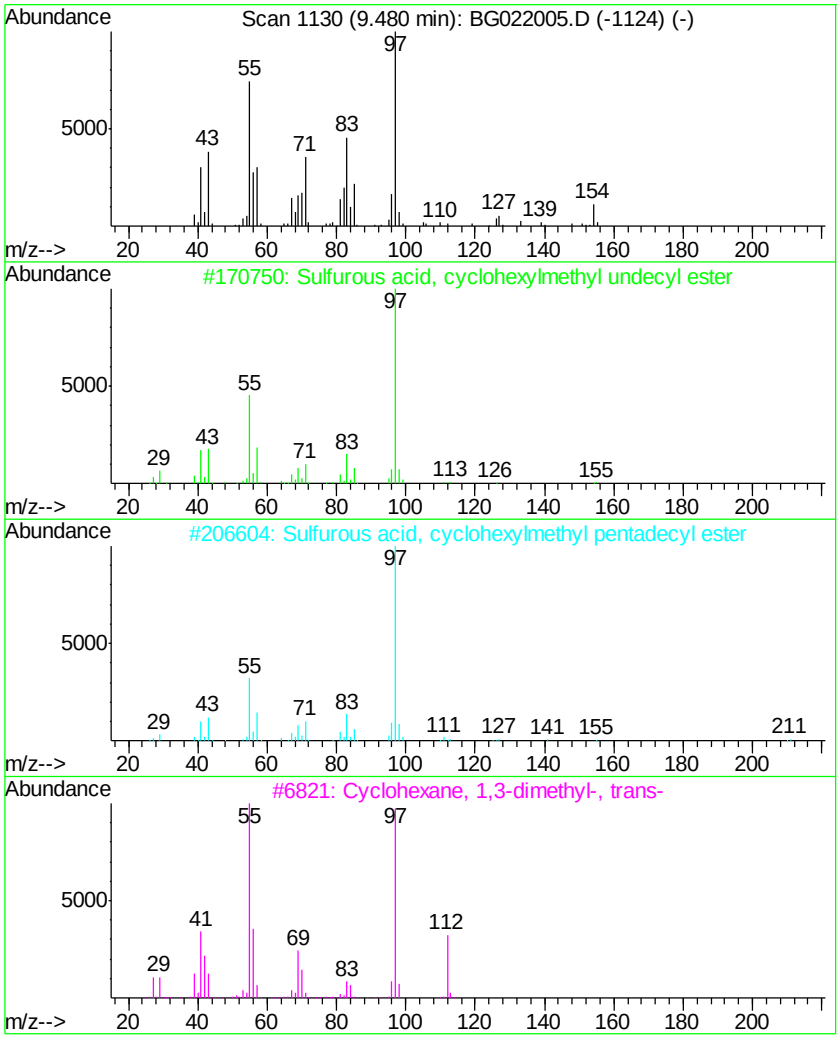
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

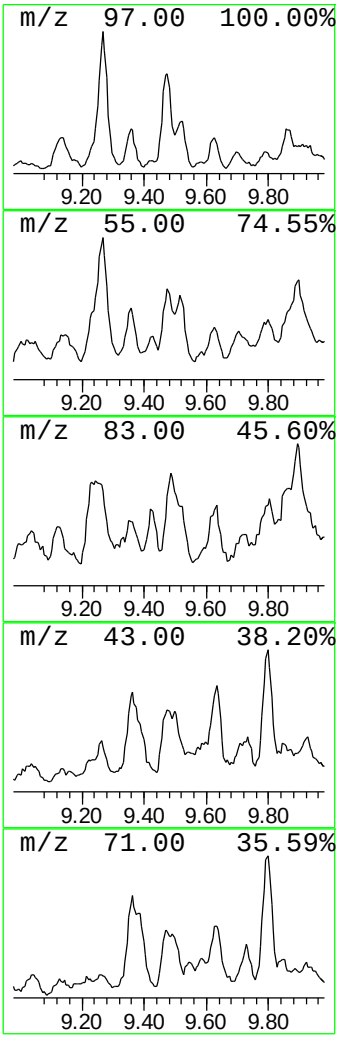
****

Peak Number 29 Sulfurous acid, cyclohexylm... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	21.62 ng/ul	210575	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	72
2	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	47
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	47
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	47
5	Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	43





Library Search Compound Report

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Acq On : 22 May 2016 10:01
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Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

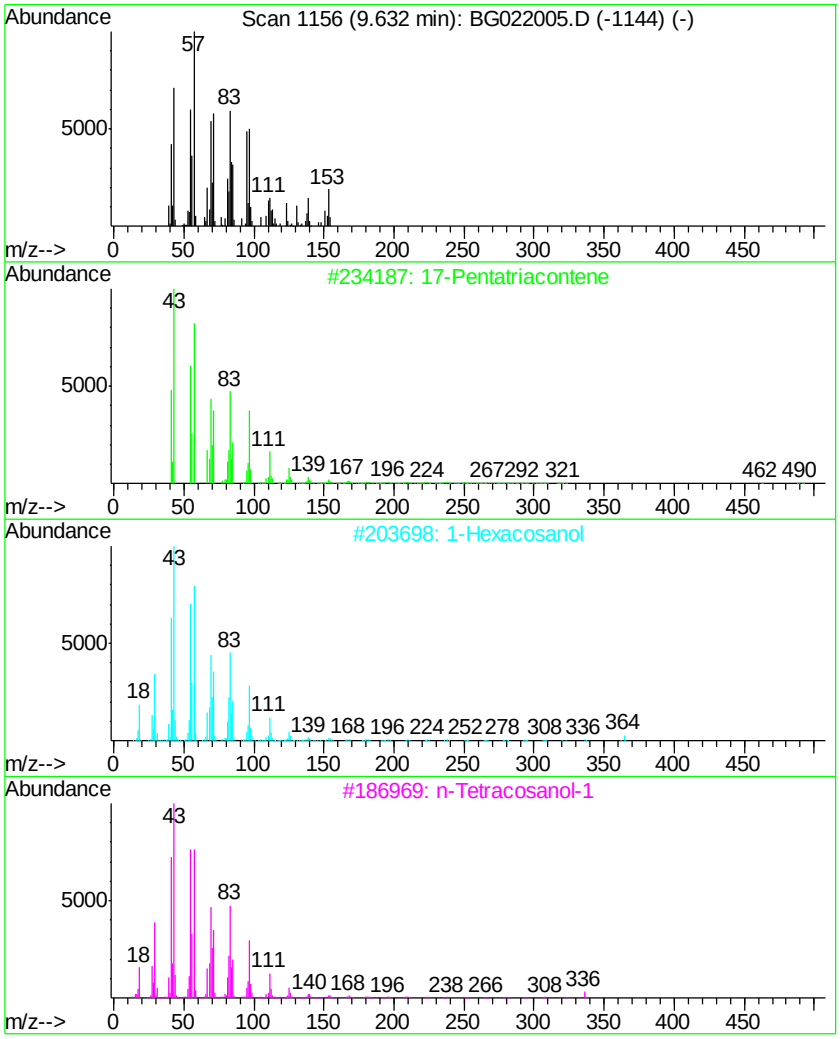
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

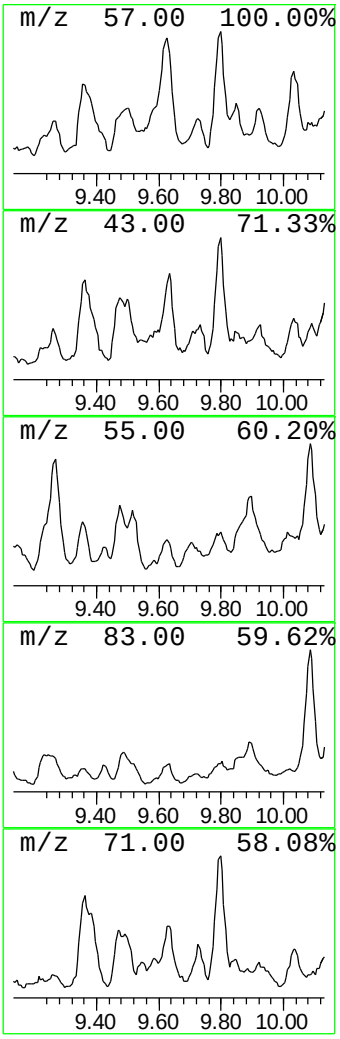
****

Peak Number 30 (DEL) Alkane: Cyclic9.63 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	7.98 ng/ul	361897	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	47
2	1-Hexacosanol	382	C26H54O	000506-52-5	43
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	43
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	38
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	35





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

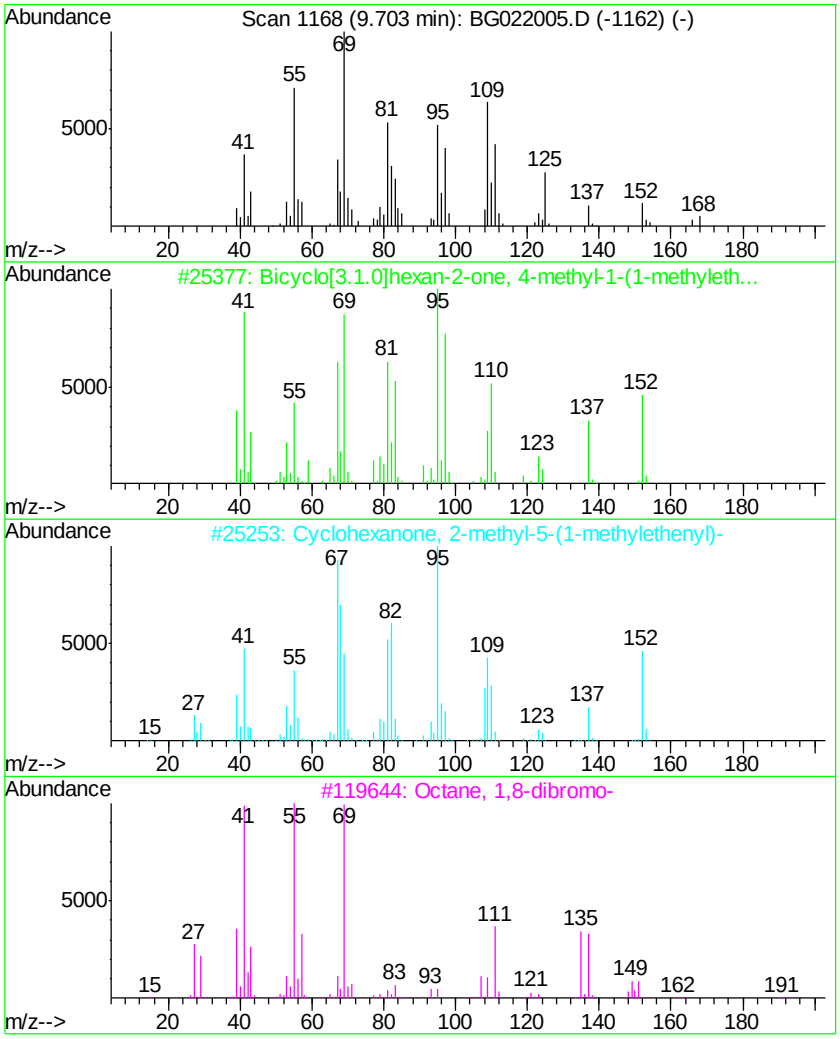
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

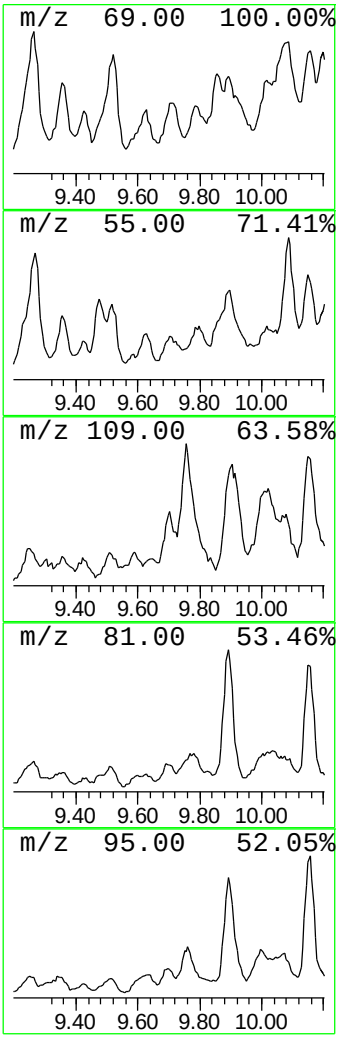
****

Peak Number 31 unknown-07 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	4.09 ng/ul	185451	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexan-2-one, 4-met...	152	C10H16O	002506-61-8	41
2	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	30
3	Octane, 1,8-dibromo-	270	C8H16Br2	004549-32-0	27
4	Cyclooctane, ethyl-	140	C10H20	013152-02-8	27
5	1-Cyclopentylethanol, chlorodifl...	226	C9H13ClF2O2	1000376-25-2	27





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

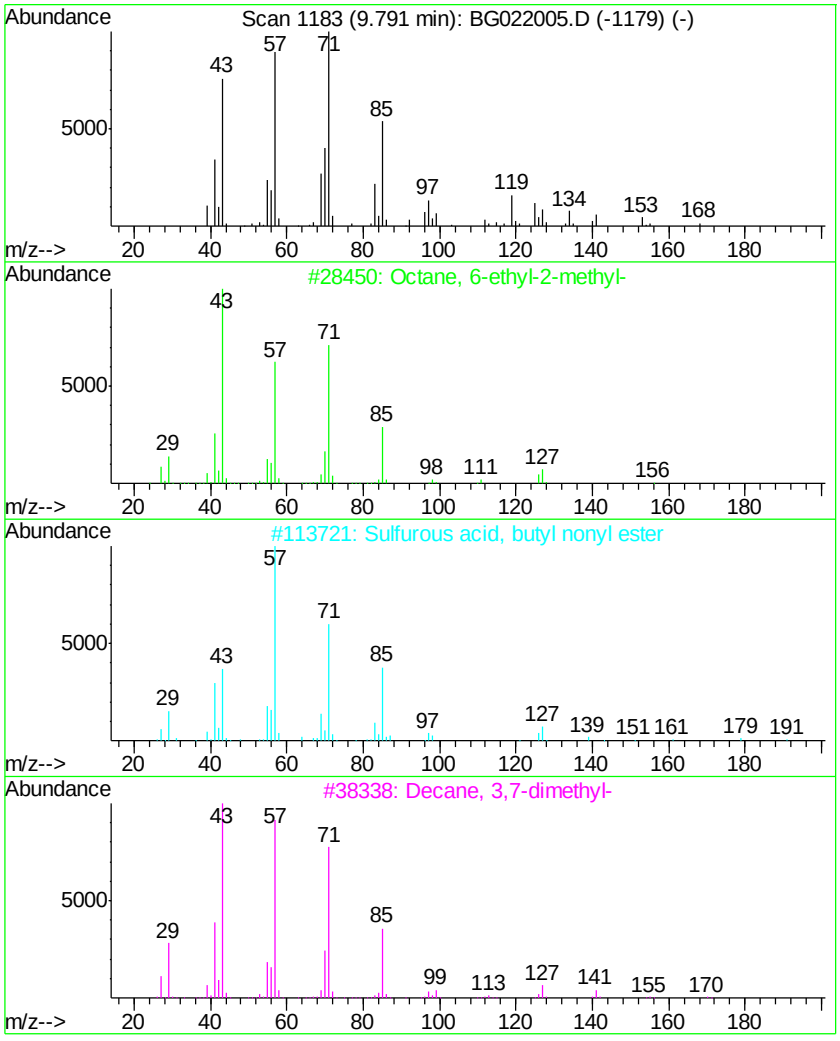
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

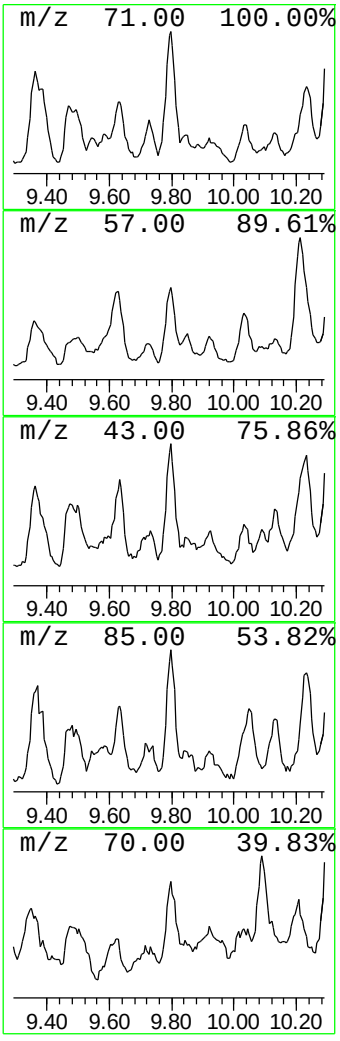
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	4.68 ng/ul	212079	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	50
2	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50
3	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	50
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	47
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

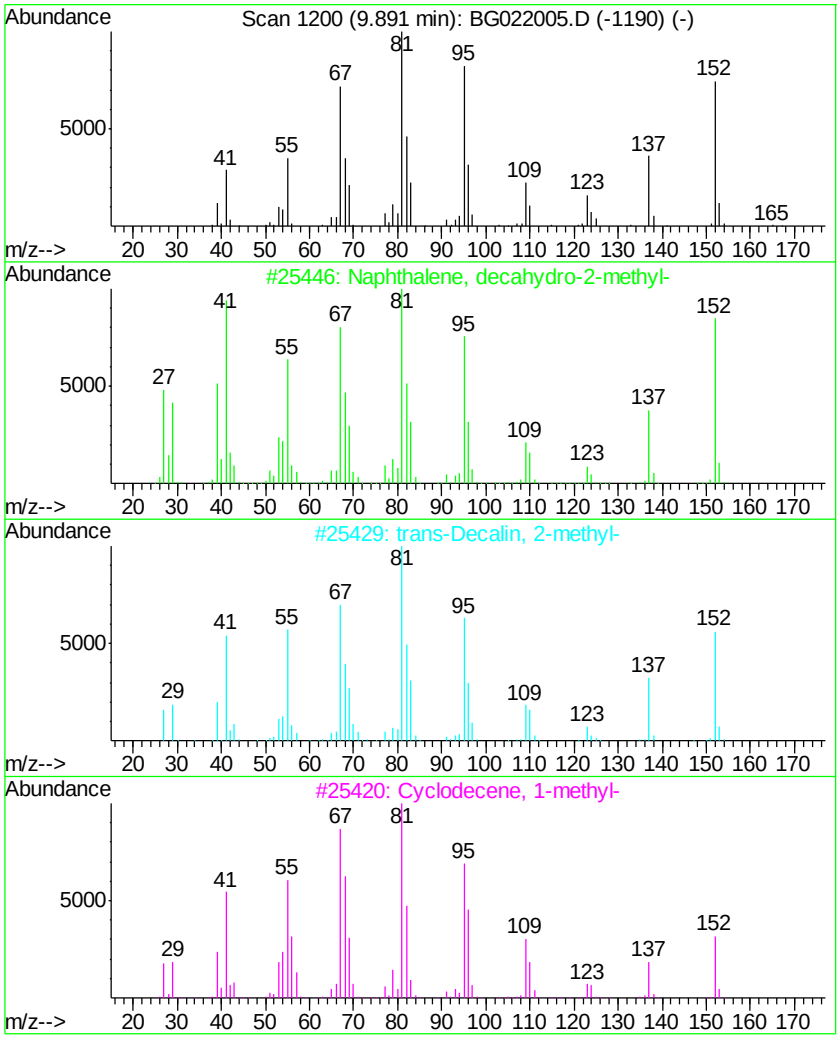
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

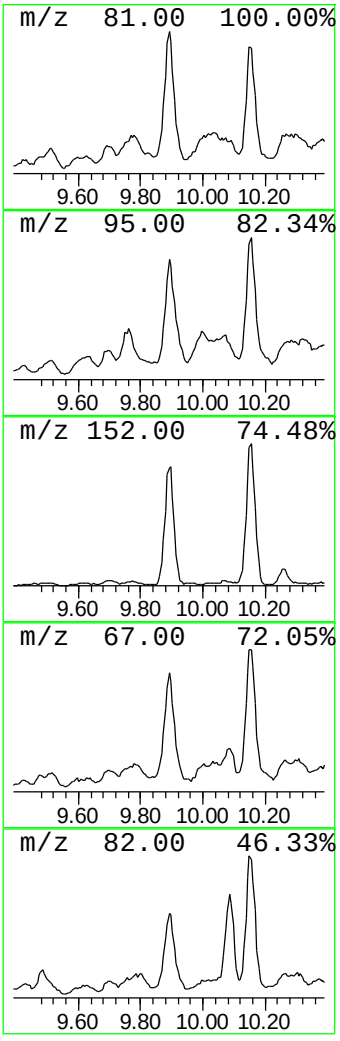
****

Peak Number 33 Naphthalene, decahydro-2-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	19.22 ng/ul	871691	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
3	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	86
4	Camphor	152	C10H16O	000076-22-2	81
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

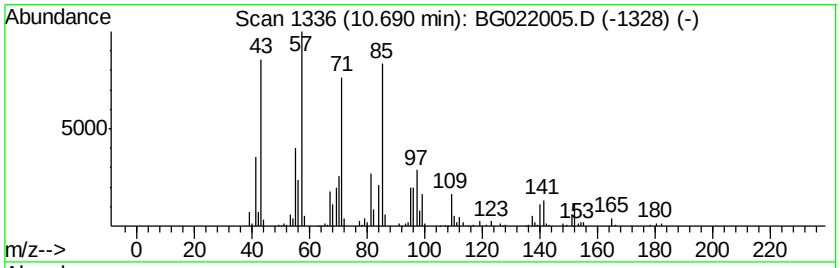
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

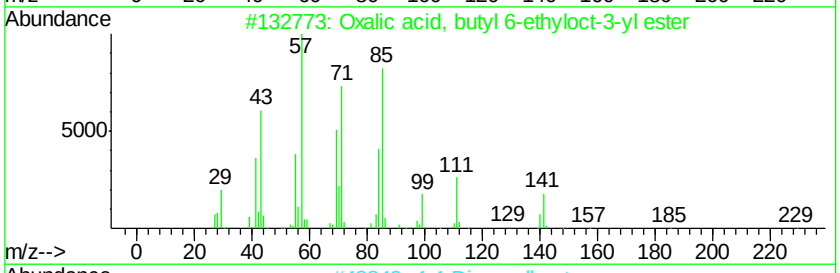
****

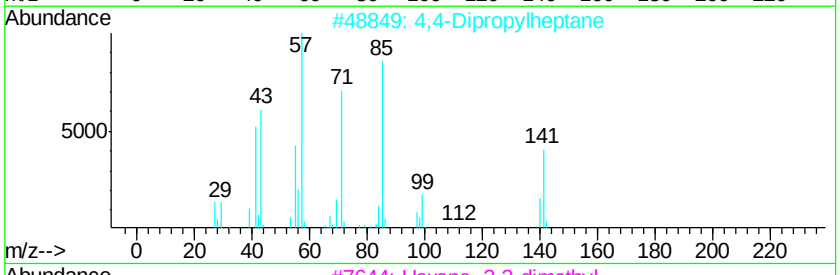
Peak Number 35 unknown-08 Concentration Rank 16

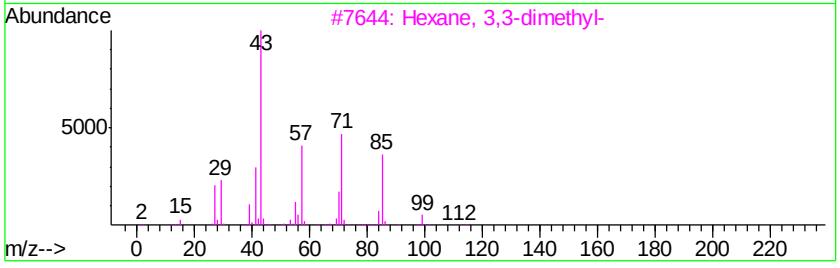
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	16.20 ng/ul	734708	Naphthalene-d8	10.98

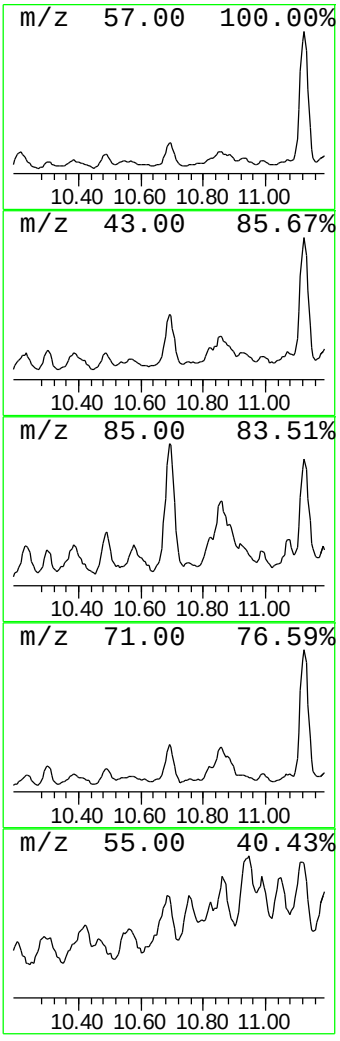
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	49
2	4,4-Dipropylheptane	184	C13H28	017312-72-0	47
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
4	Sulfurous acid, isohexyl pentyl ...	236	C11H24O3S	1000309-14-0	43
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	38











Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

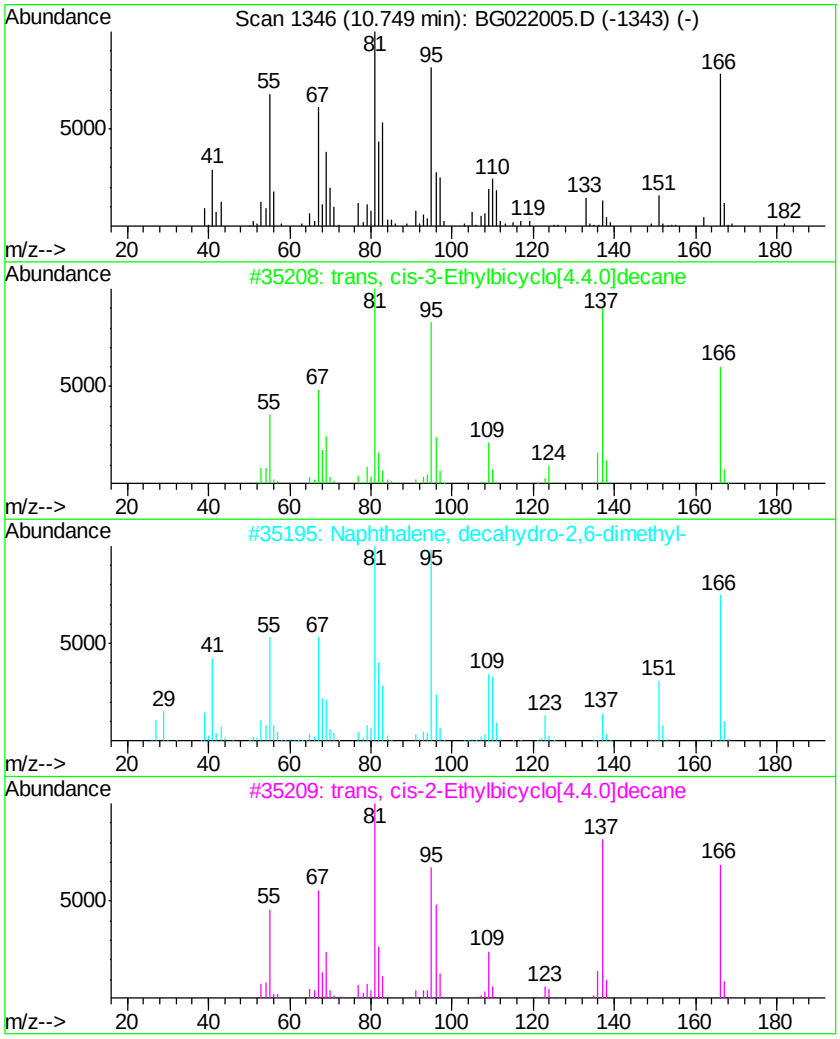
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

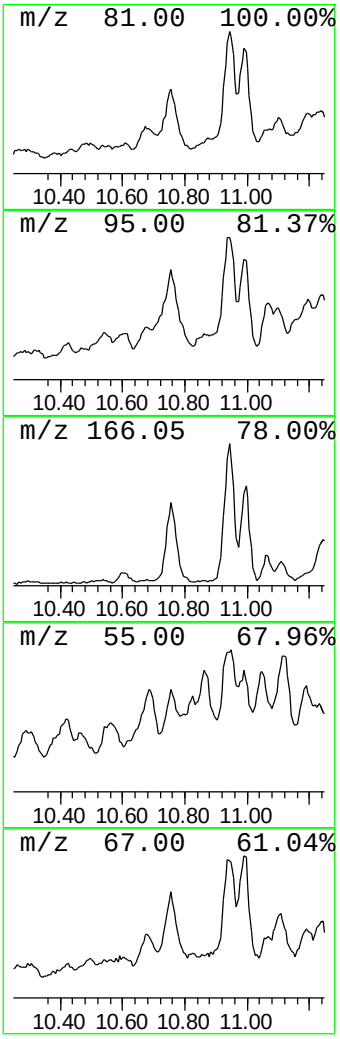
****

Peak Number 36 trans, cis-3-Ethylbicyclo[4... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	7.25 ng/ul	328989	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	68
2	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	64
3	trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	62
4	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	58
5	Naphthalene, decahydro-1,2-dimet...	166	C12H22	003604-14-6	58





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

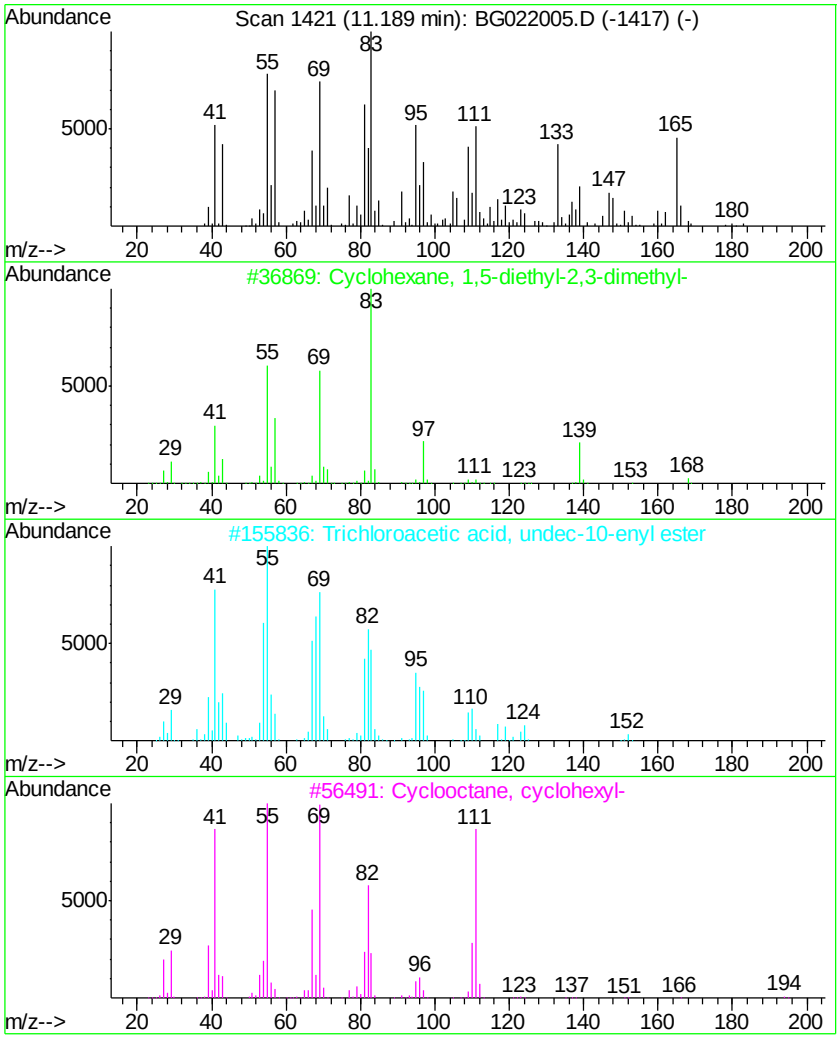
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

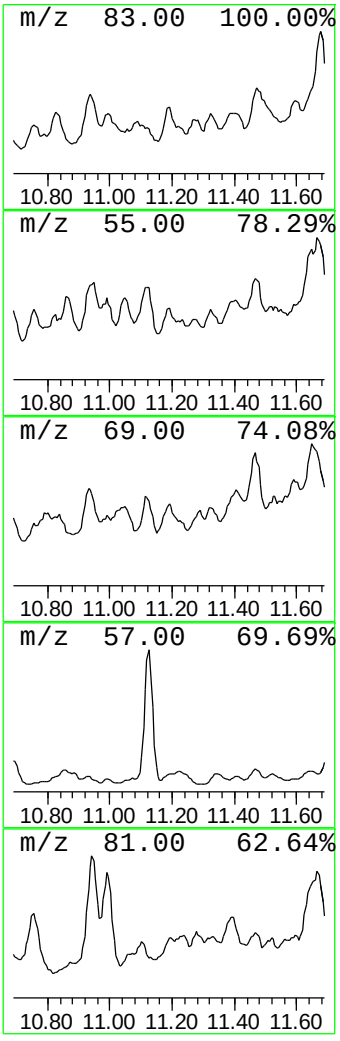
****

Peak Number 37 (DEL) Alkane: Cyclic11.19 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	7.39 ng/ul	335353	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,5-diethyl-2,3-dim...	168	C12H24	074663-66-4	38
2	Trichloroacetic acid, undec-10-e...	314	C13H21Cl3O2	1000280-51-3	27
3	Cyclooctane, cyclohexyl-	194	C14H26	092369-78-3	22
4	3-Amino-2-cyclohexenone	111	C6H9NO	005220-49-5	18
5	1-(tert-Butyl)-3-cyclohexylcarbo...	180	C11H20N2	001202-53-5	18





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

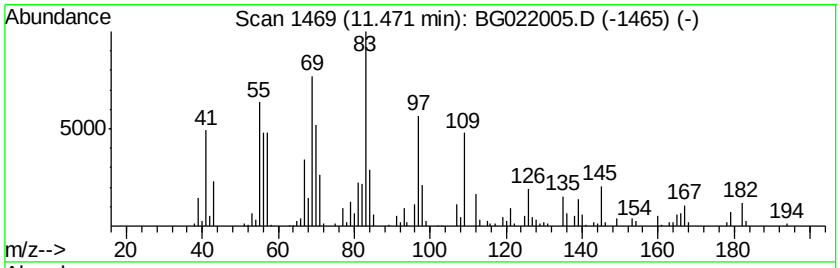
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

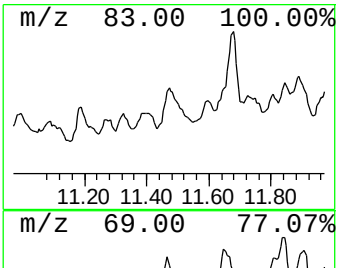
****

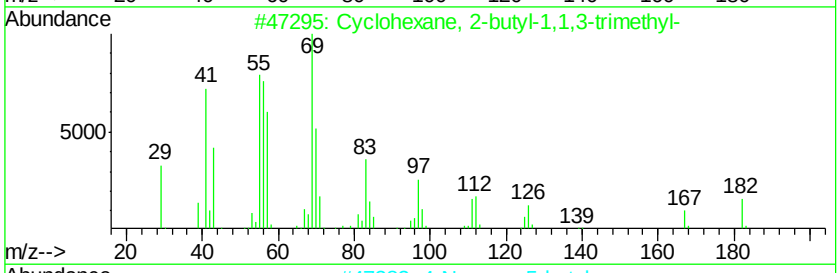
Peak Number 38 (DEL) Alkane: Cyclic11.47 Concentration Rank 31

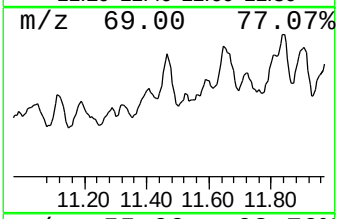
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	7.78 ng/ul	353012	Naphthalene-d8	10.98

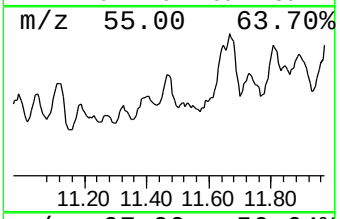
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	76
2	4-Nonene, 5-butyl-	182	C13H26	007367-38-6	72
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	68
4	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	60
5	6-Tridecene	182	C13H26	024949-38-0	50

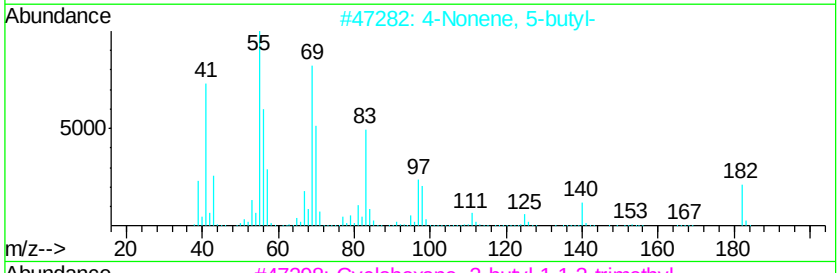


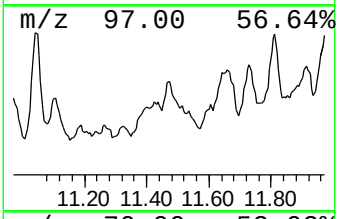


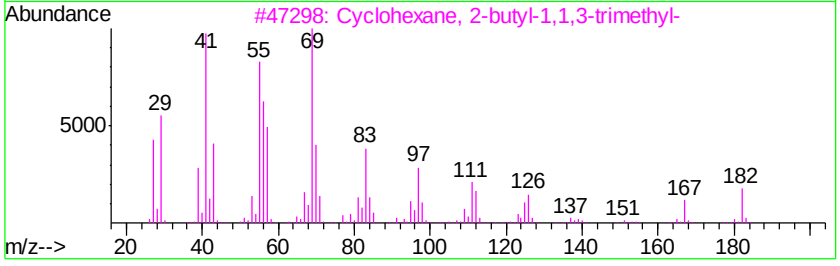


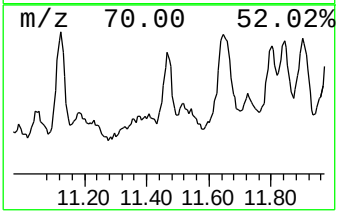












Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

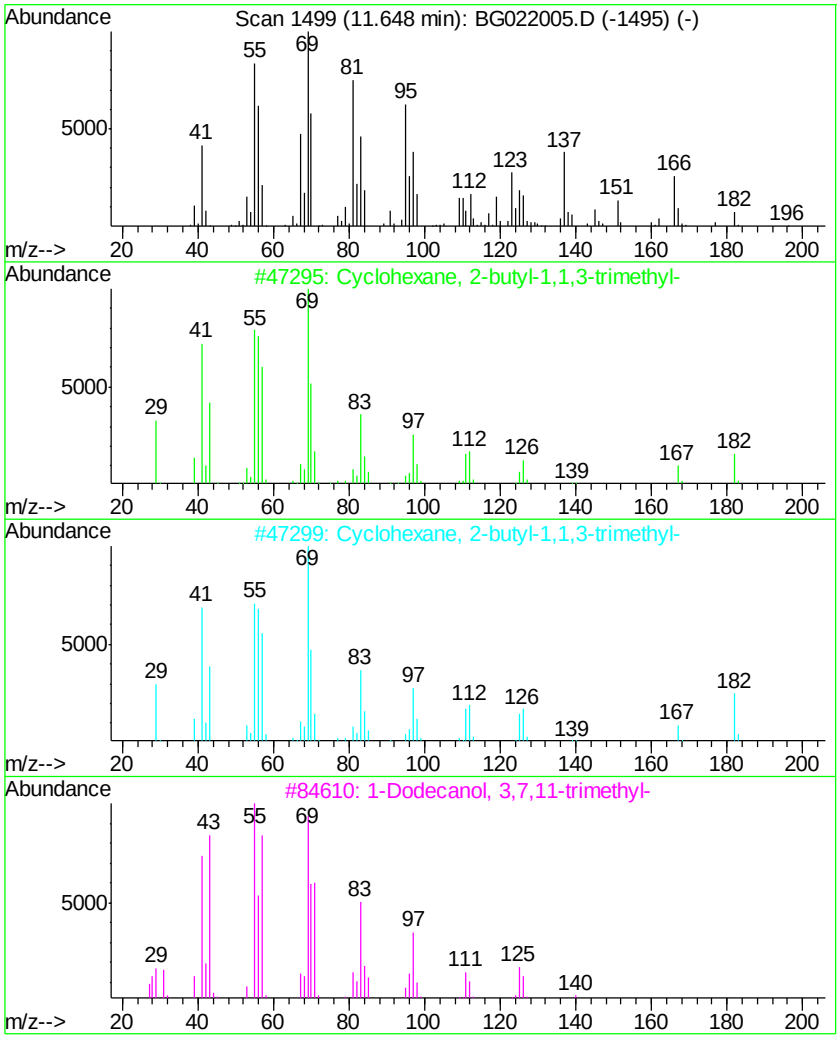
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

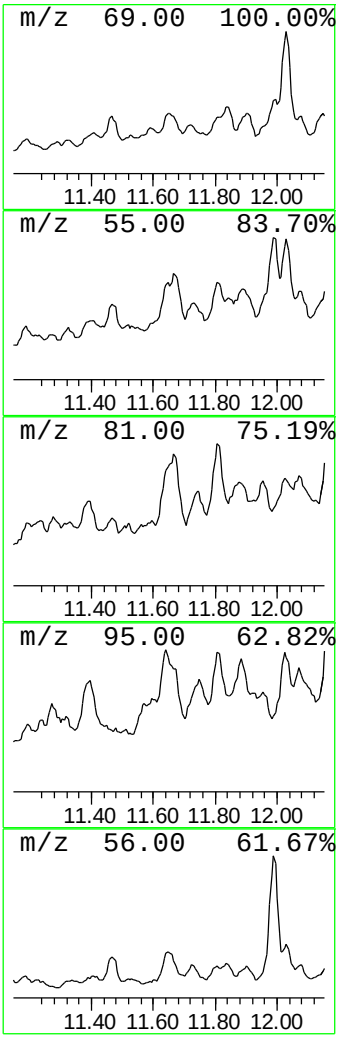
****

Peak Number 39 (DEL) Alkane: Cyclic11.65 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	7.24 ng/ul	328411	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	64
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	45
3	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	43
4	Bicyclo[2.2.1]heptane-2,5-dione,...	166	C10H14O2	004230-32-4	43
5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	41





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

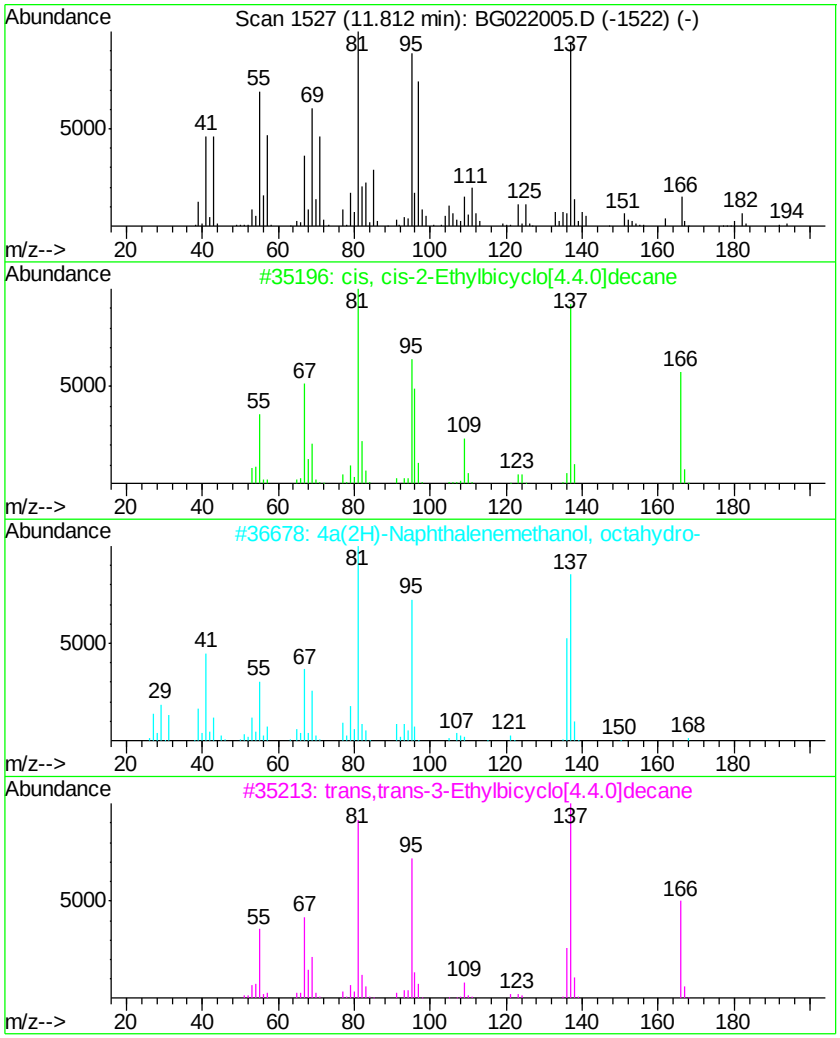
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

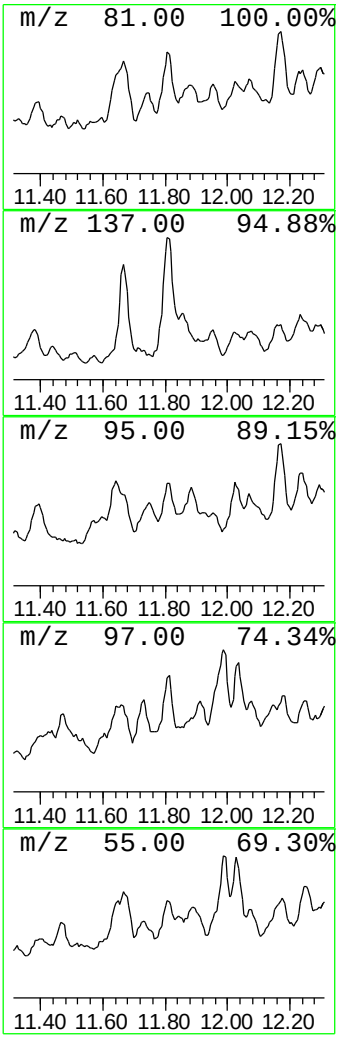
****

Peak Number 40 cis, cis-2-Ethylbicyclo[4.4... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	13.53 ng/ul	613531	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis, cis-2-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-40-0	70
2	4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	64
3	trans,trans-3-Ethylbicyclo[4.4.0...	166	C12H22	058462-32-1	62
4	Naphthalene, 1-(1,1-dimethylethy...	194	C14H26	056292-64-9	50
5	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	41





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

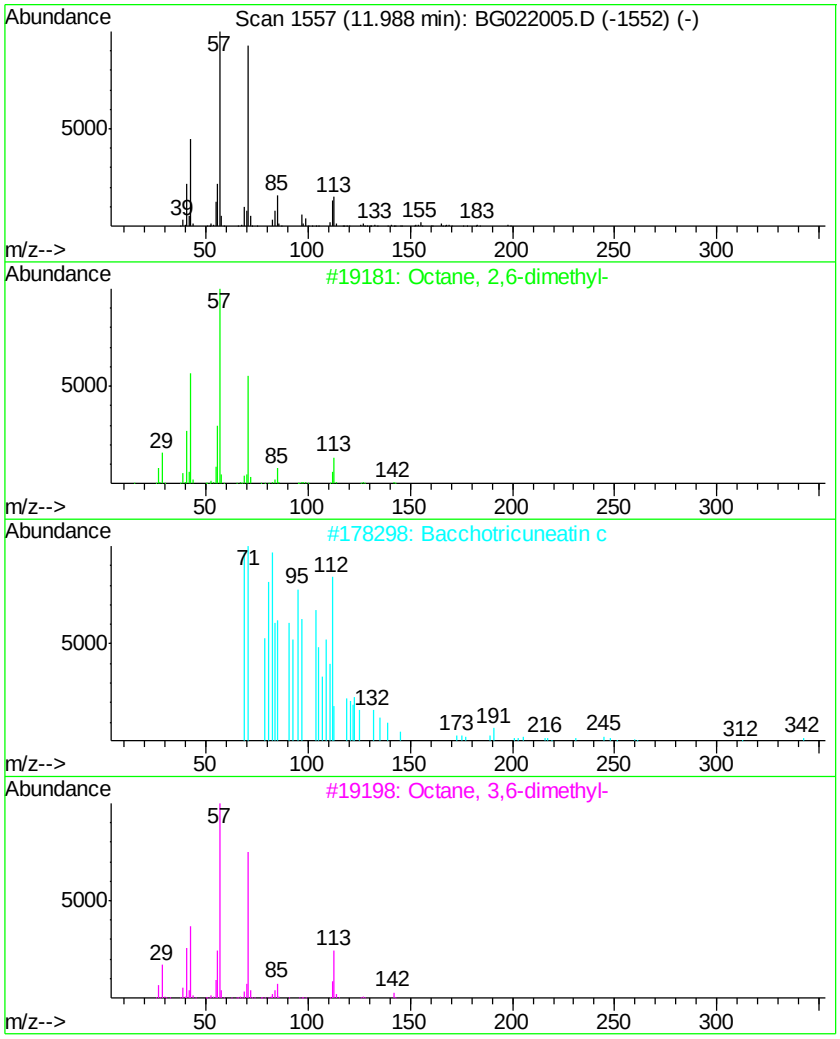
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

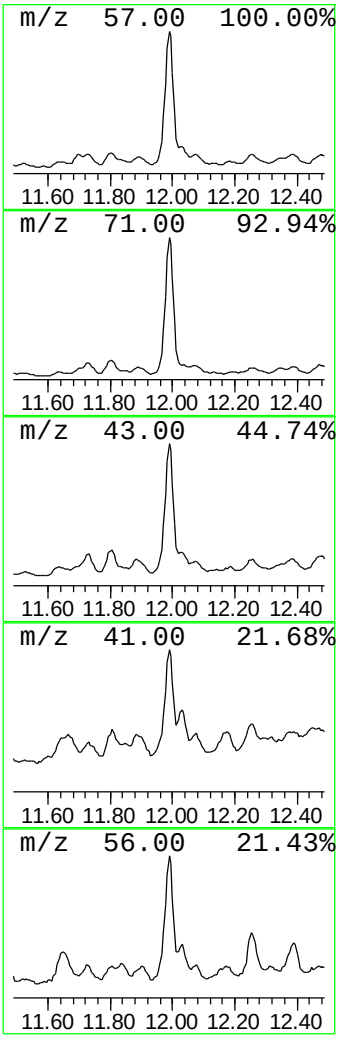
****

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	46.69 ng/ul	2117580	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
5	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

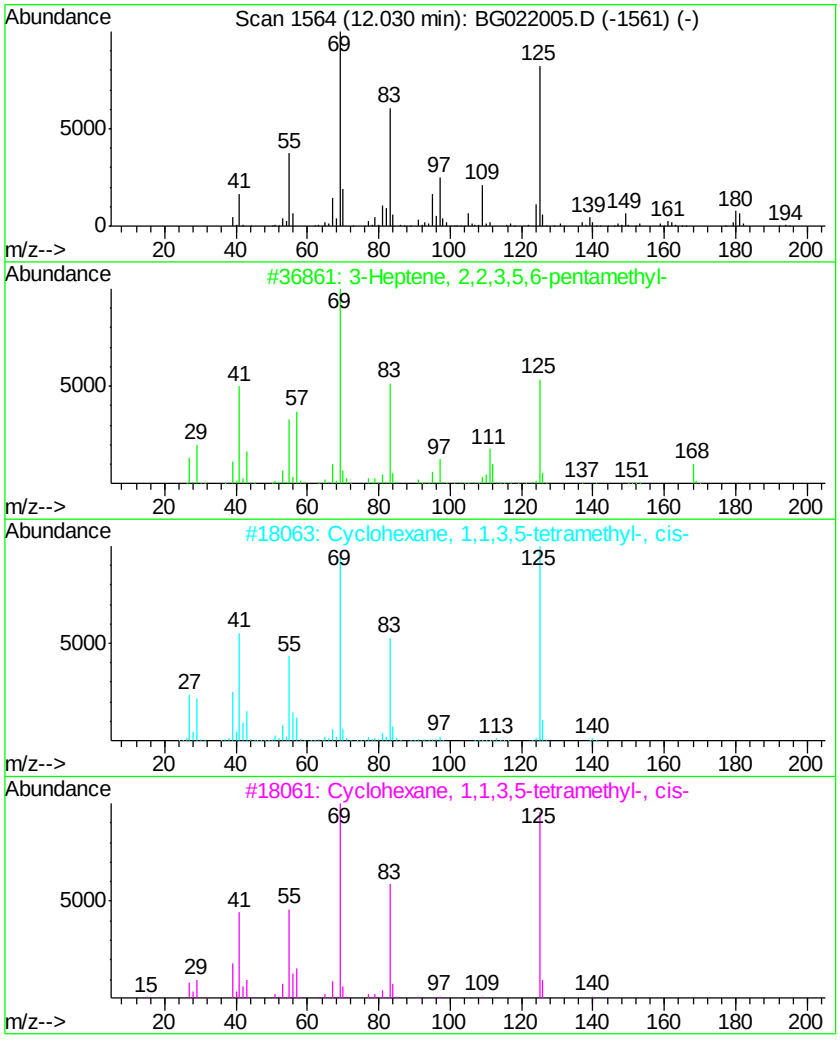
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

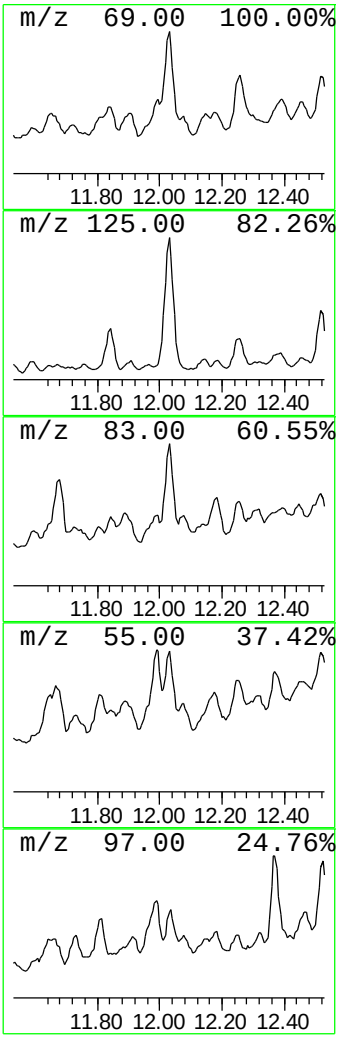
****

Peak Number 42 (DEL) Alkane: Cyclic12.03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	18.47 ng/ul	837671	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,2,3,5,6-pentamethyl-	168	C12H24	116164-06-8	59
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	53
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	53
4	Cyclohexanecarboxylic acid, 4-pr...	271	C17H21NO2	062439-33-2	53
5	Cyclohexanecarboxylic acid, 4-pr...	340	C20H24N2O3	133856-82-3	45





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

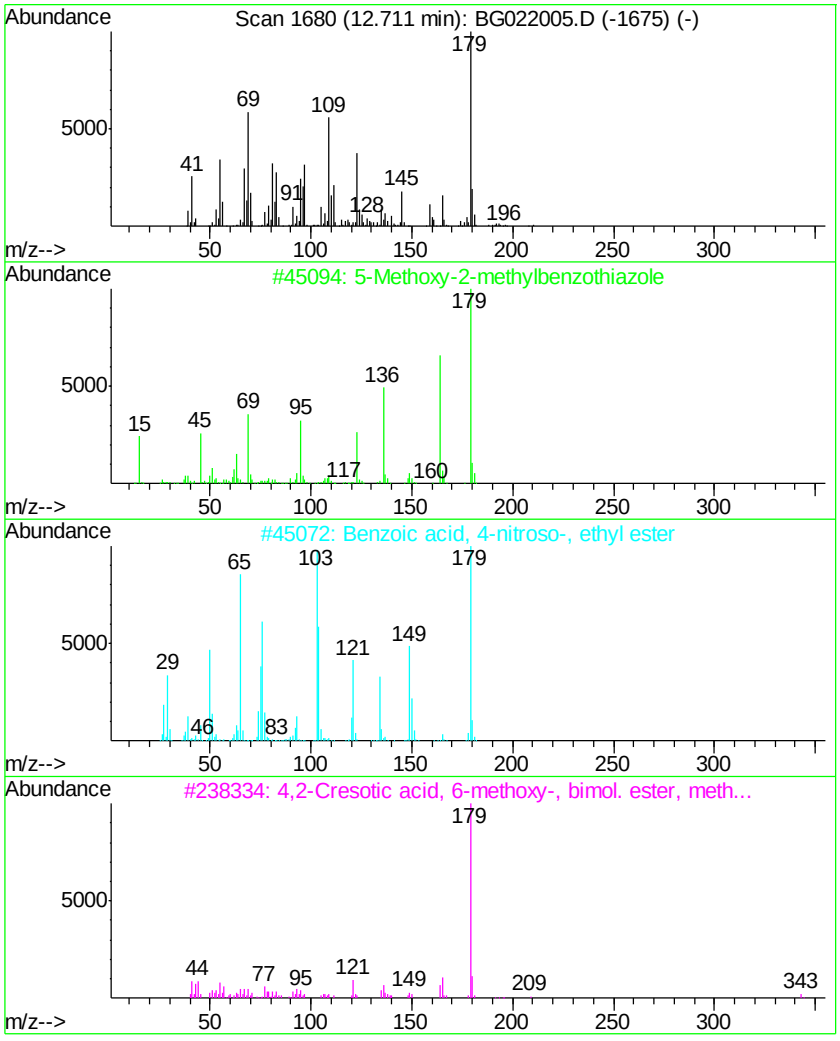
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

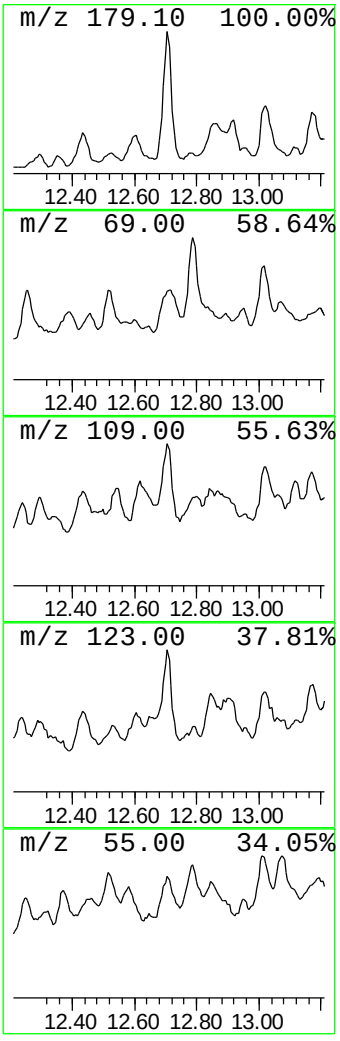
****

Peak Number 43 unknown-09 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	23.26 ng/ul	1055030	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methoxy-2-methylbenzothiazole	179	C9H9NOS	1000342-71-0	32
2	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	25
3	4,2-Cresotic acid, 6-methoxy-, b...	538	C29H30O10	019314-74-0	16
4	4,8-Dimethylbicyclo[3.3.1]nonane...	180	C11H16O2	139914-54-8	14
5	1H-Pyrazole-1-ethanol, 3,5-dimet...	140	C7H12N2O	020000-80-0	14





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

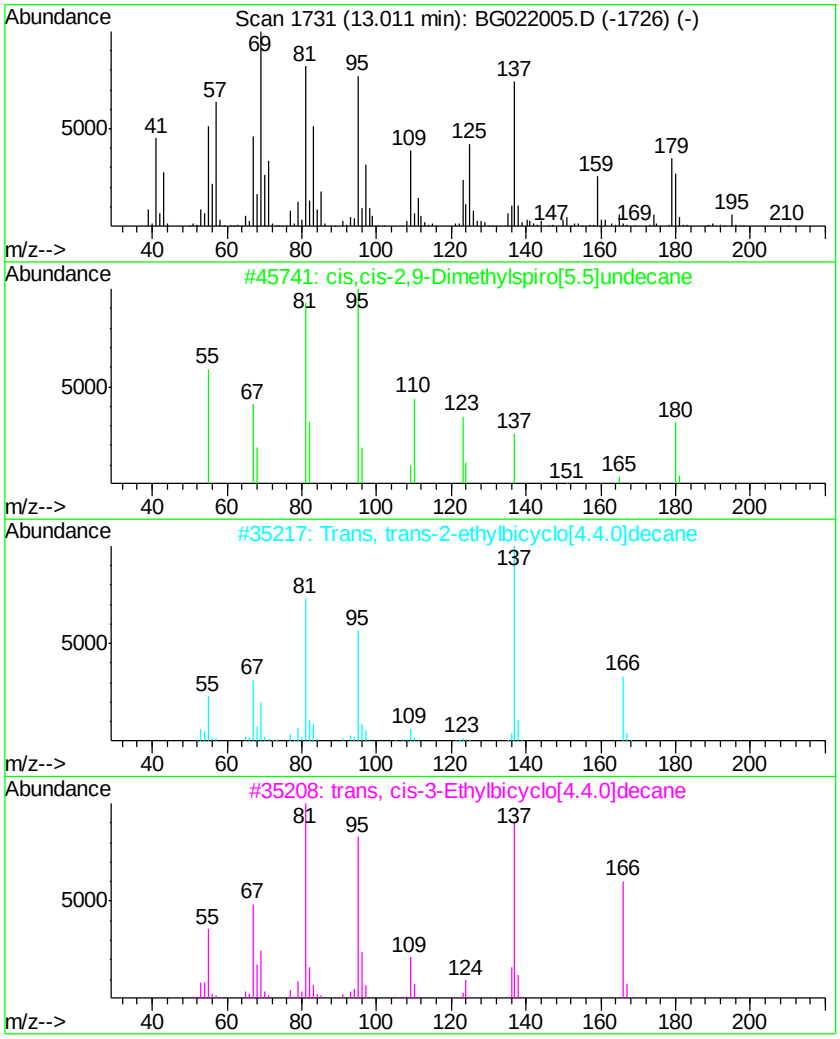
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

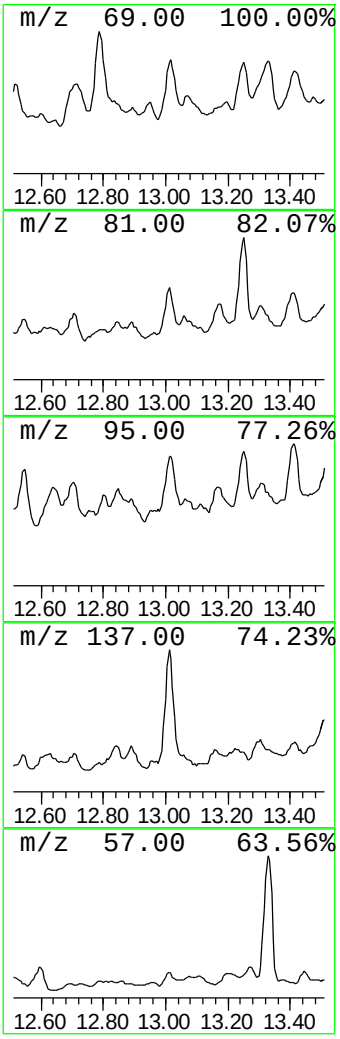
****

Peak Number 44 unknown-10 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	9.57 ng/ul	2108150	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,cis-2,9-Dimethylspiro[5.5]un...	180	C13H24	095472-51-8	46
2	Trans, trans-2-ethylbicyclo[4.4....	166	C12H22	066660-37-5	45
3	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	43
4	cis,cis-1,9-Dimethylspiro[5.5]un...	180	C13H24	1000111-73-4	42
5	cis,trans-2,9-Dimethylspiro[5.5]...	180	C13H24	095530-74-8	30





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

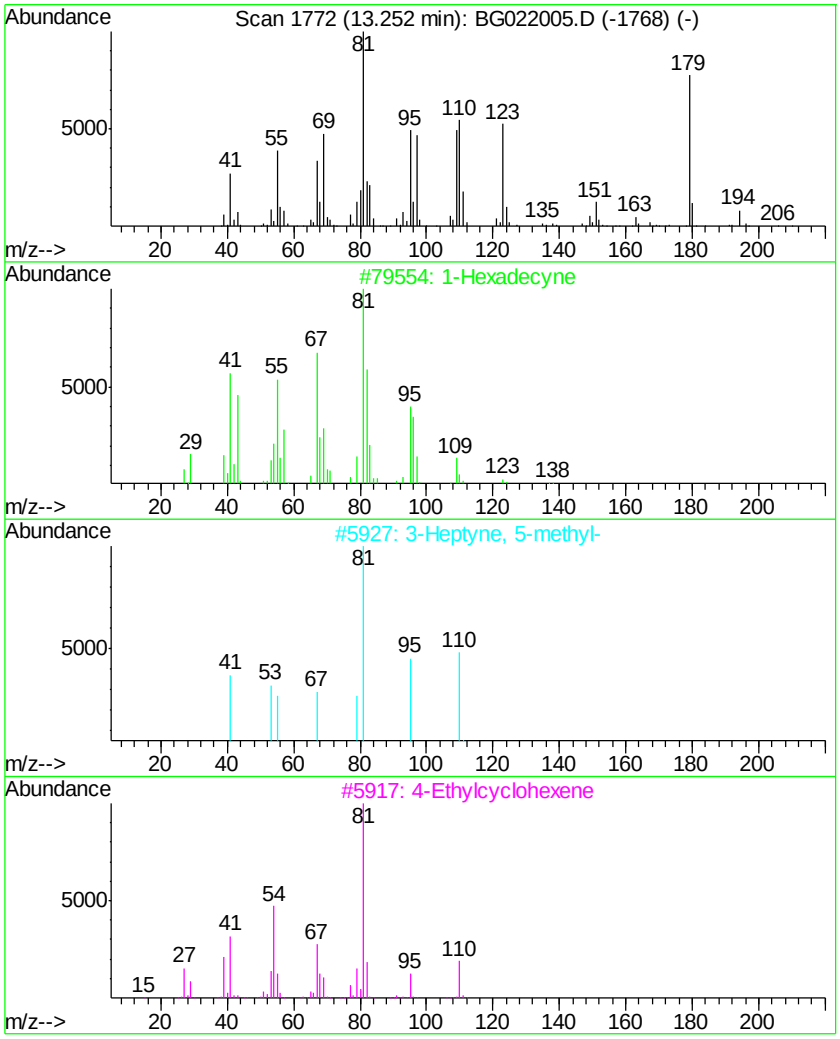
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

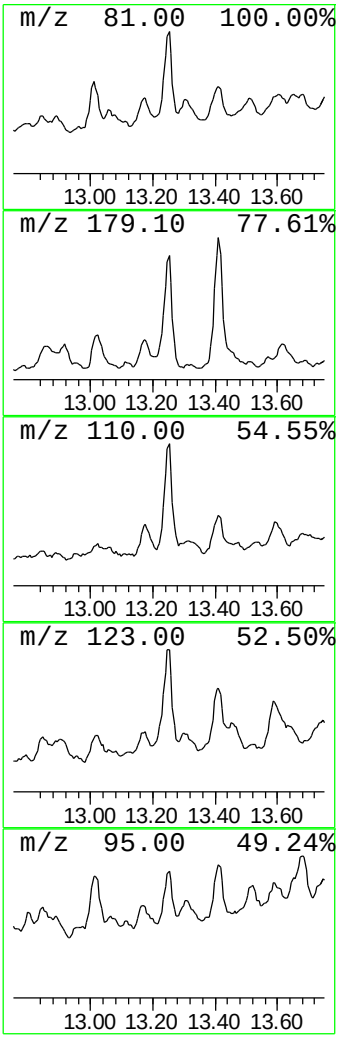
****

Peak Number 45 1-Hexadecyne Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	6.34 ng/ul	1396090	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecyne	222	C16H30	000629-74-3	35
2	3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	27
3	4-Ethylcyclohexene	110	C8H14	003742-42-5	22
4	Cyclopentane, 1-methyl-2-acetyl-...	166	C11H18O	1000139-72-5	22
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

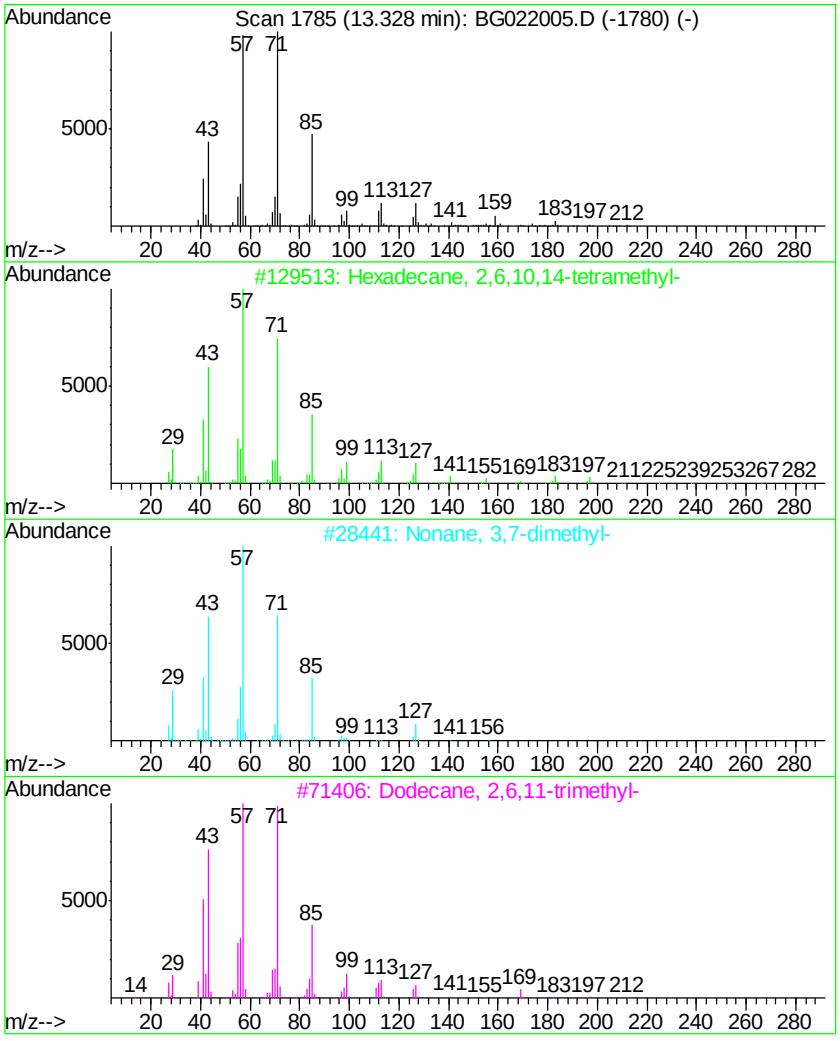
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

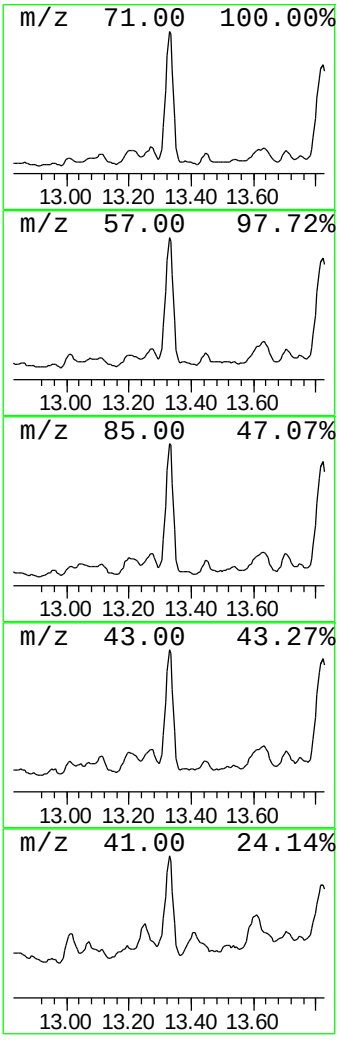
****

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	20.92 ng/ul	4610960	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4	Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	72
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

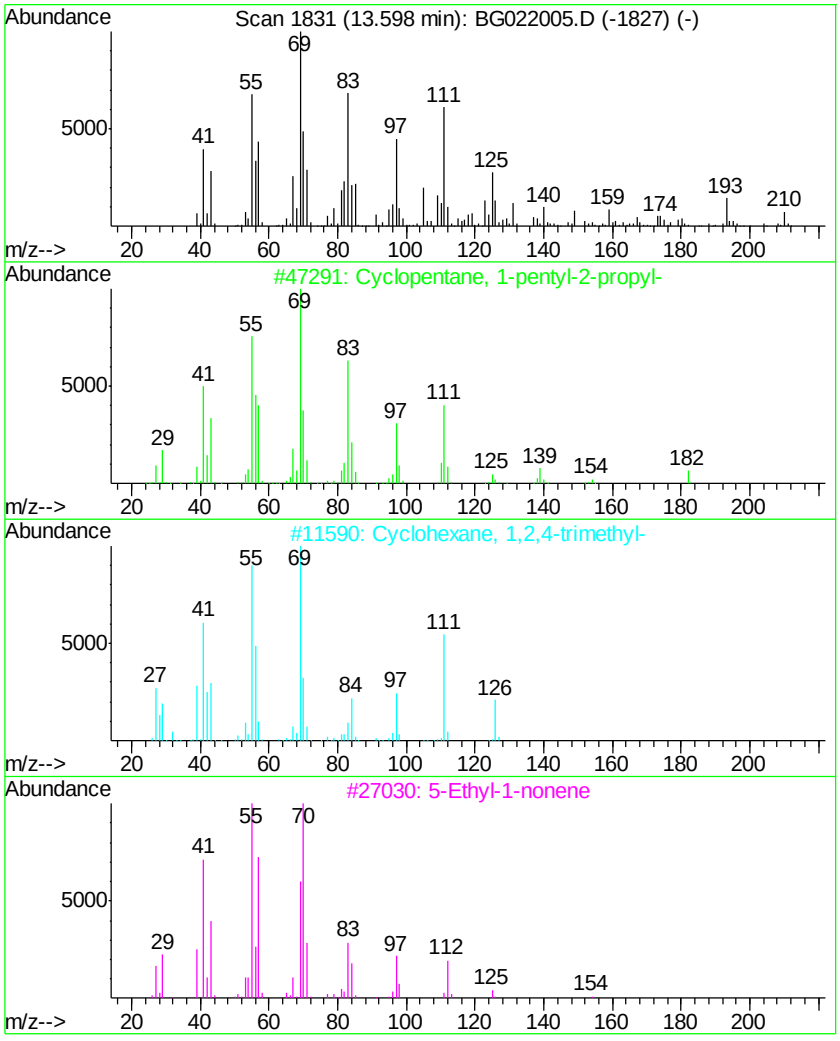
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

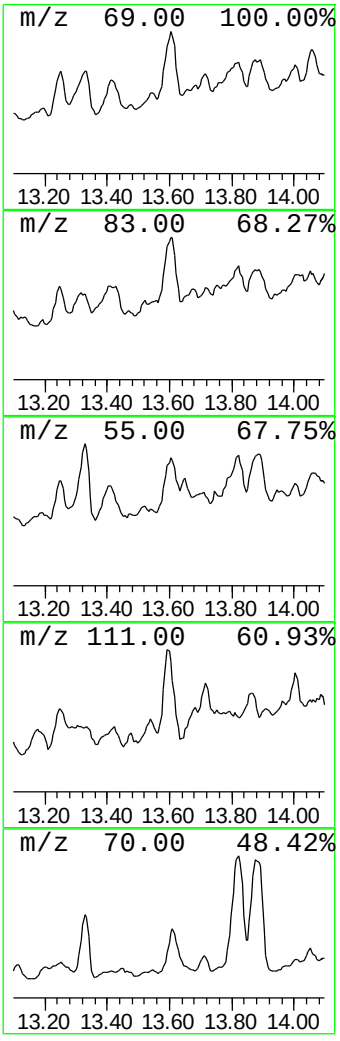
****

Peak Number 47 (DEL) Alkane: Cyclic13.60 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	8.68 ng/ul	1913760	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	81
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
3	5-Ethyl-1-nonene	154	C11H22	019780-74-6	46
4	3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	43
5	1-Butyl-1H-1,2,4-triazole	125	C6H11N3	006086-22-2	43





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

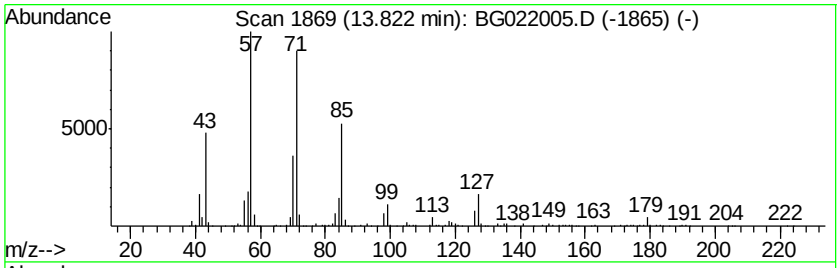
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

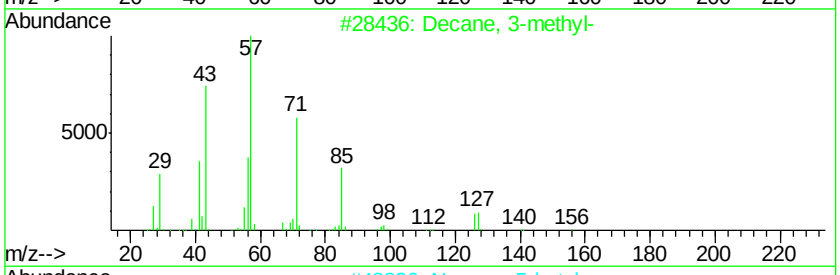
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

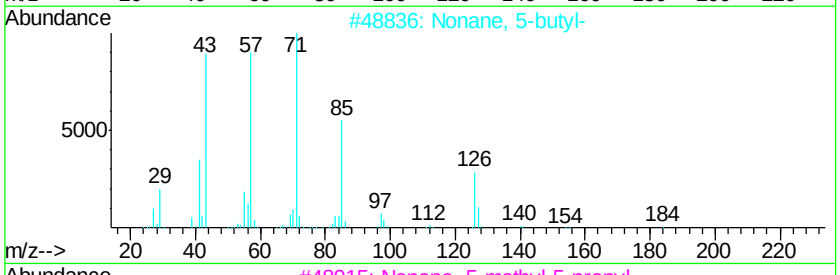
****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 23

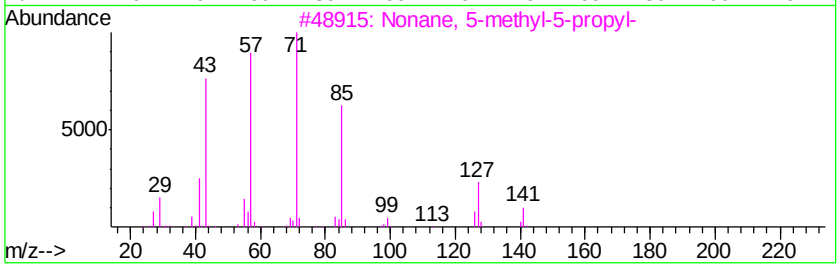
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	11.22 ng/ul	2472850	Acenaphthene-d10	14.80

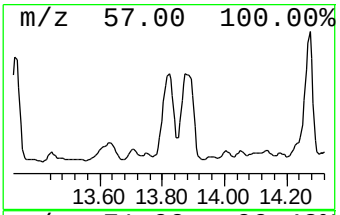
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	59
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	59
3	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	59
4	Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	50
5	Sulfurous acid, 2-pentyl undecyl...	306	C16H34O3S	1000309-16-0	50

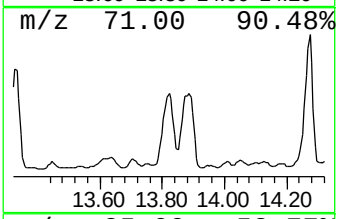


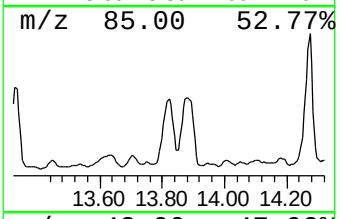


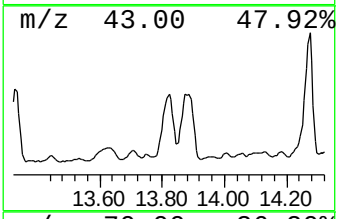


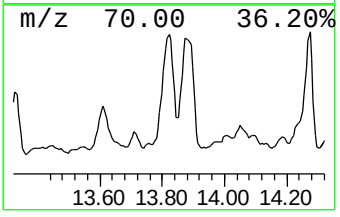












Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

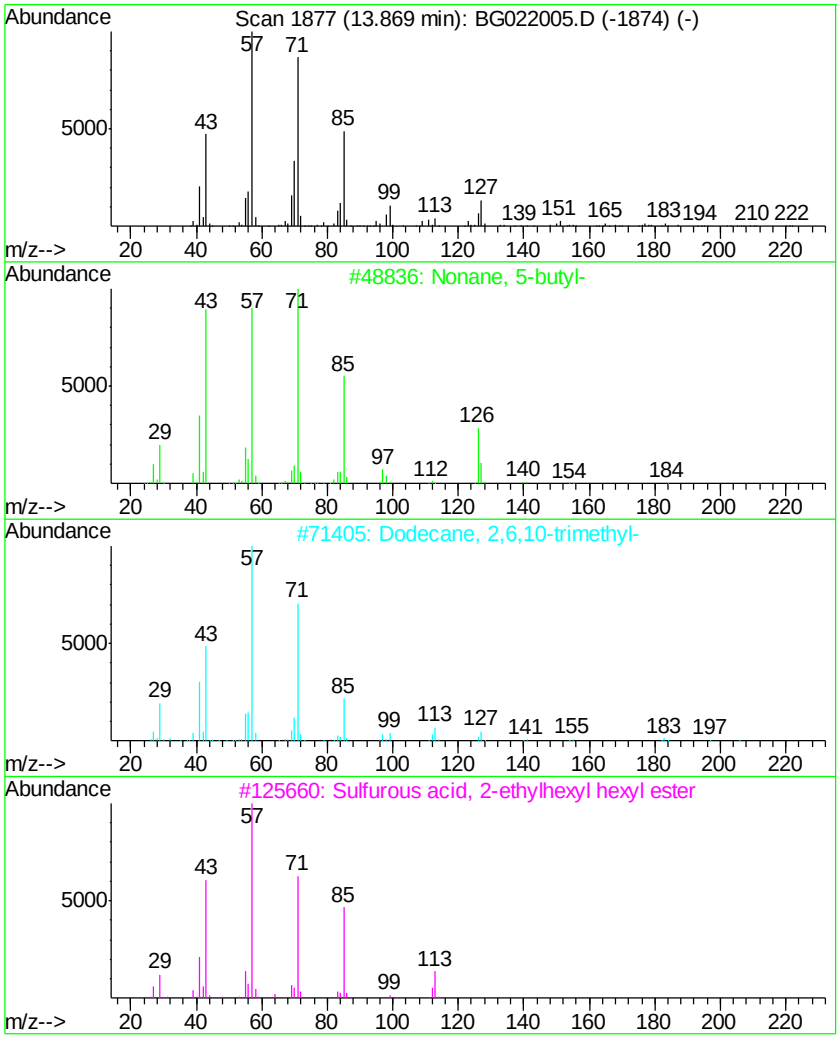
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

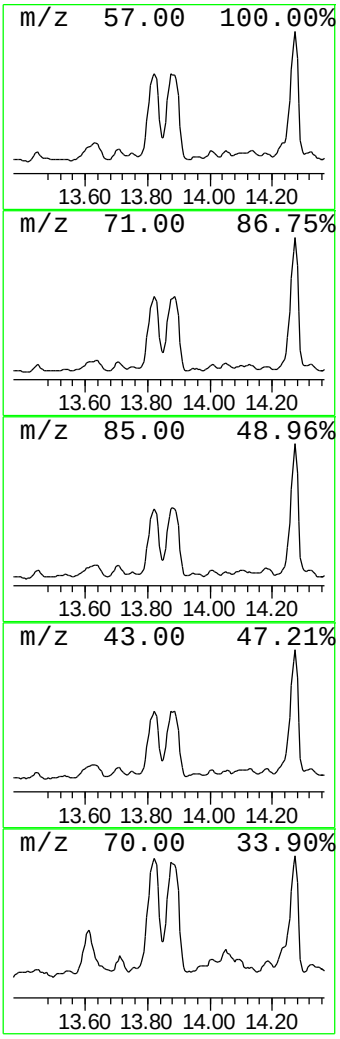
****

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	22.40 ng/ul	4936330	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	59
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
4	Tridecane	184	C13H28	000629-50-5	53
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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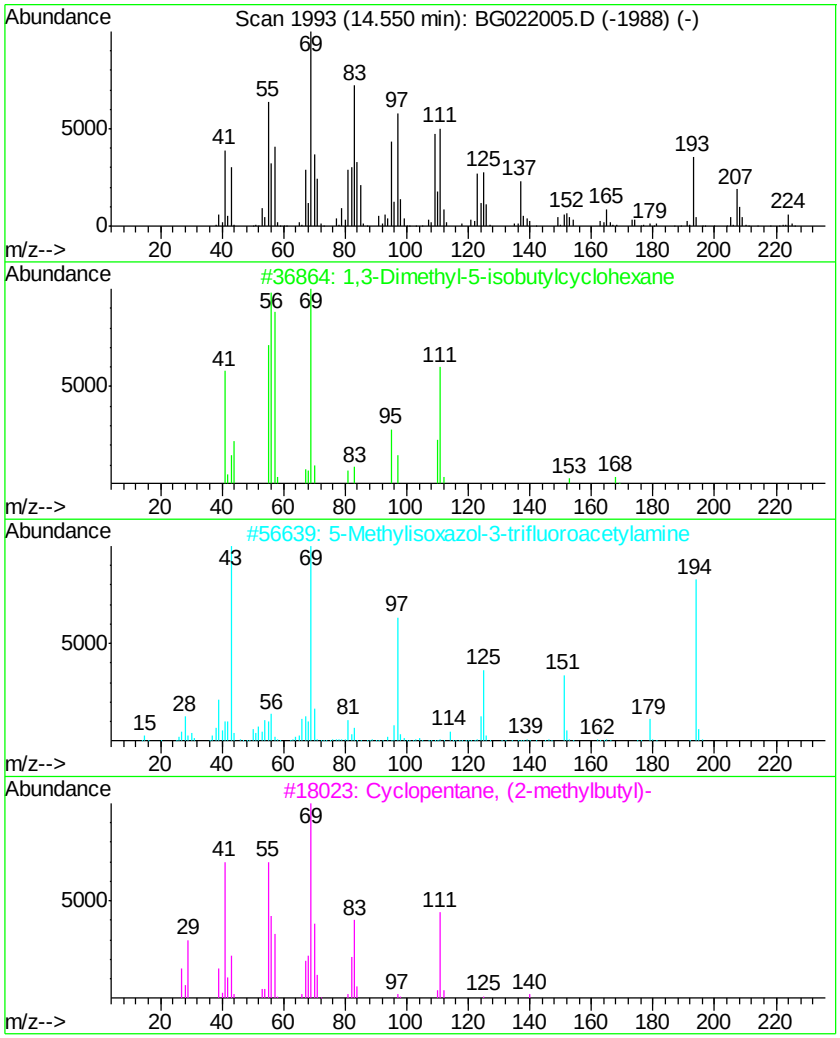
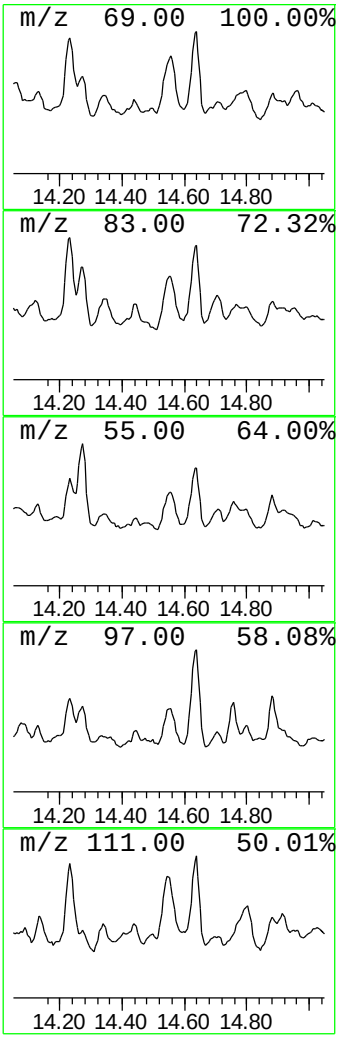
Peak Number 50 (DEL) Alkane: Cyclic14.55 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	11.77 ng/ul	2594300	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-5-isobutylcyclohexane	168	C12H24	013131-76-5	35
2	5-Methylisoxazol-3-trifluoroacet...	194	C6H5F3N2O2	1000372-93-3	30
3	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	30
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	27
5	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	27





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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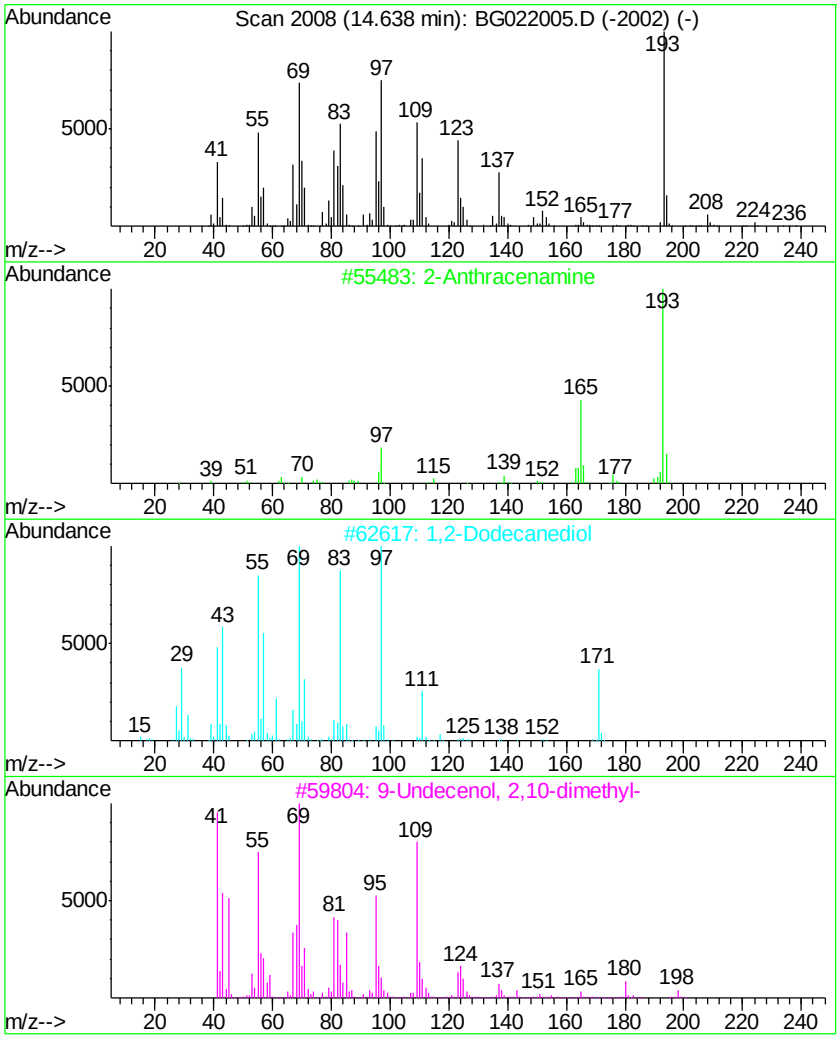
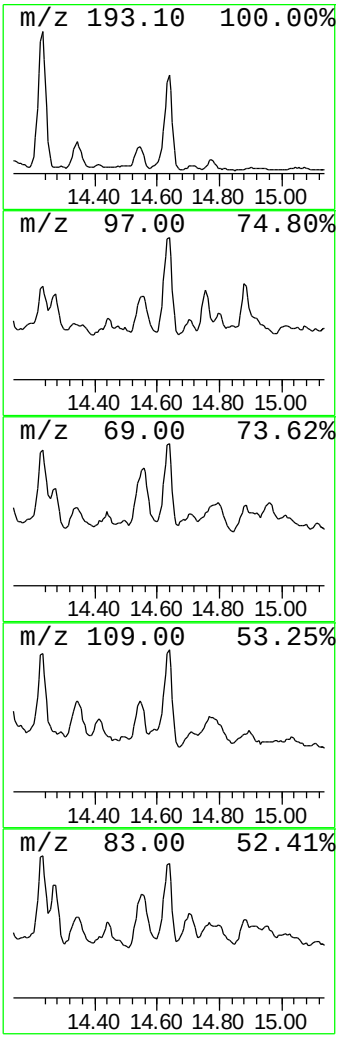
Peak Number 51 unknown-11 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	20.00 ng/ul	4407420	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Anthracenamine	193	C14H11N	000613-13-8	41
2	1,2-Dodecanediol	202	C12H26O2	001119-87-5	27
3	9-Undecenol, 2,10-dimethyl-	198	C13H26O	1000131-86-0	27
4	7-Tetradecanol	214	C14H30O	003981-79-1	27
5	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	25





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

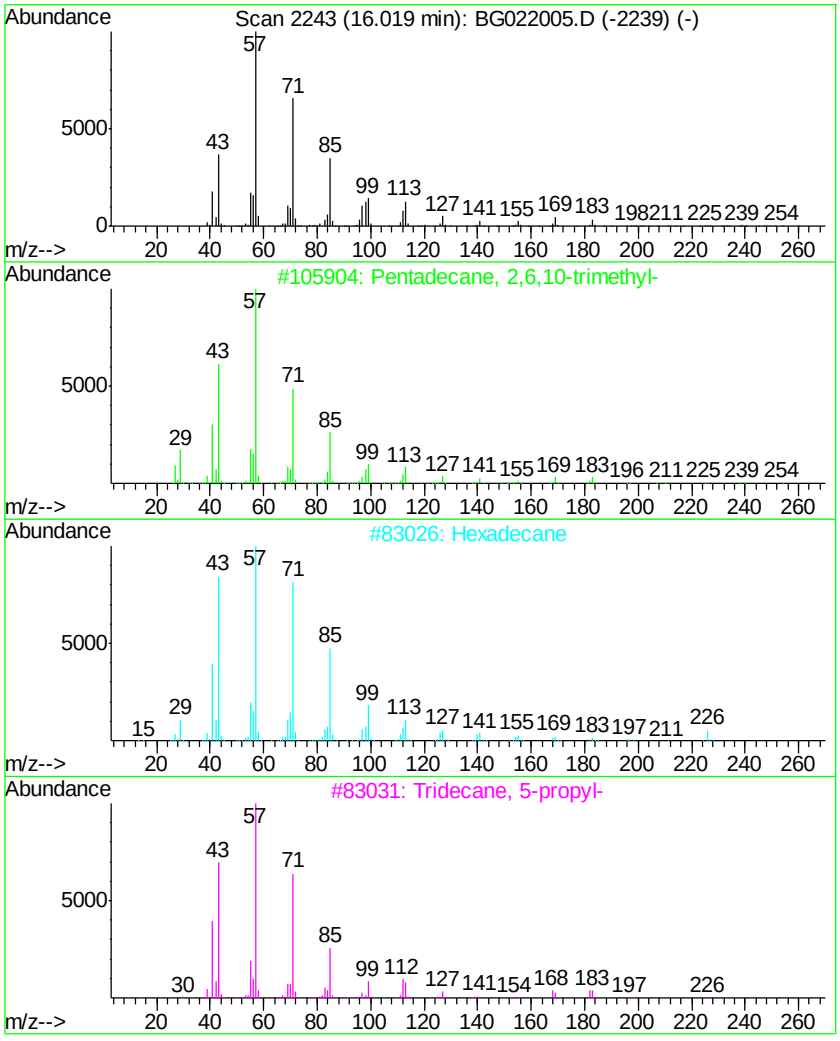
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

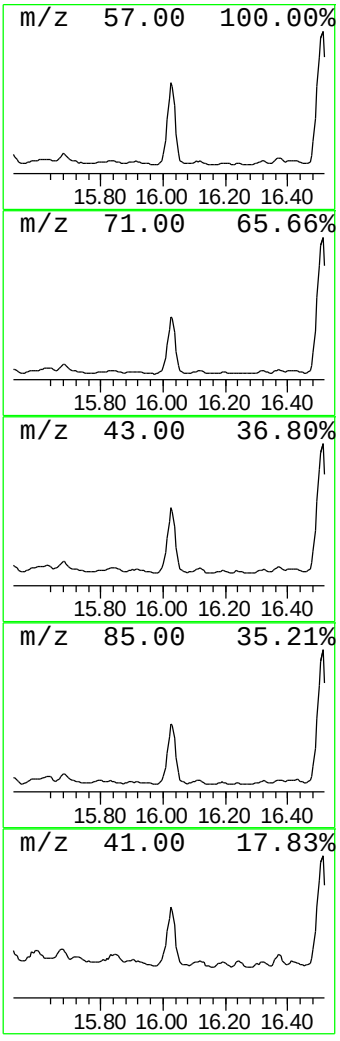
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	18.93 ng/ul	4172660	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

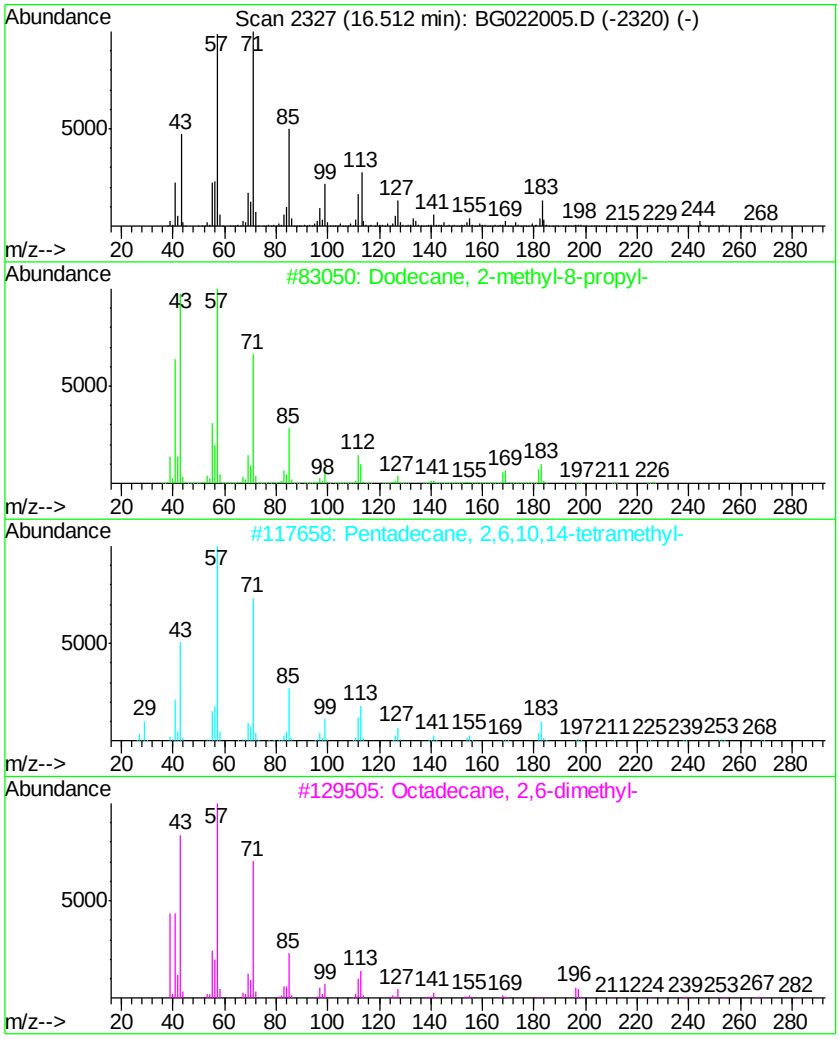
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

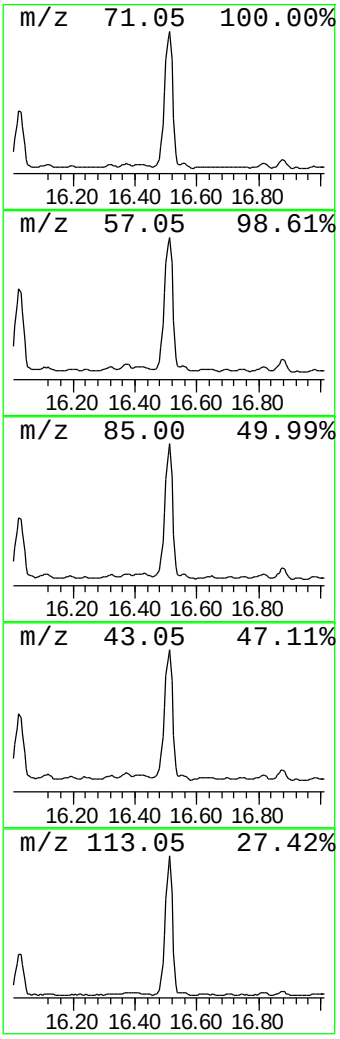
****

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	40.46 ng/ul	8332970	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	94
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
3	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	86
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

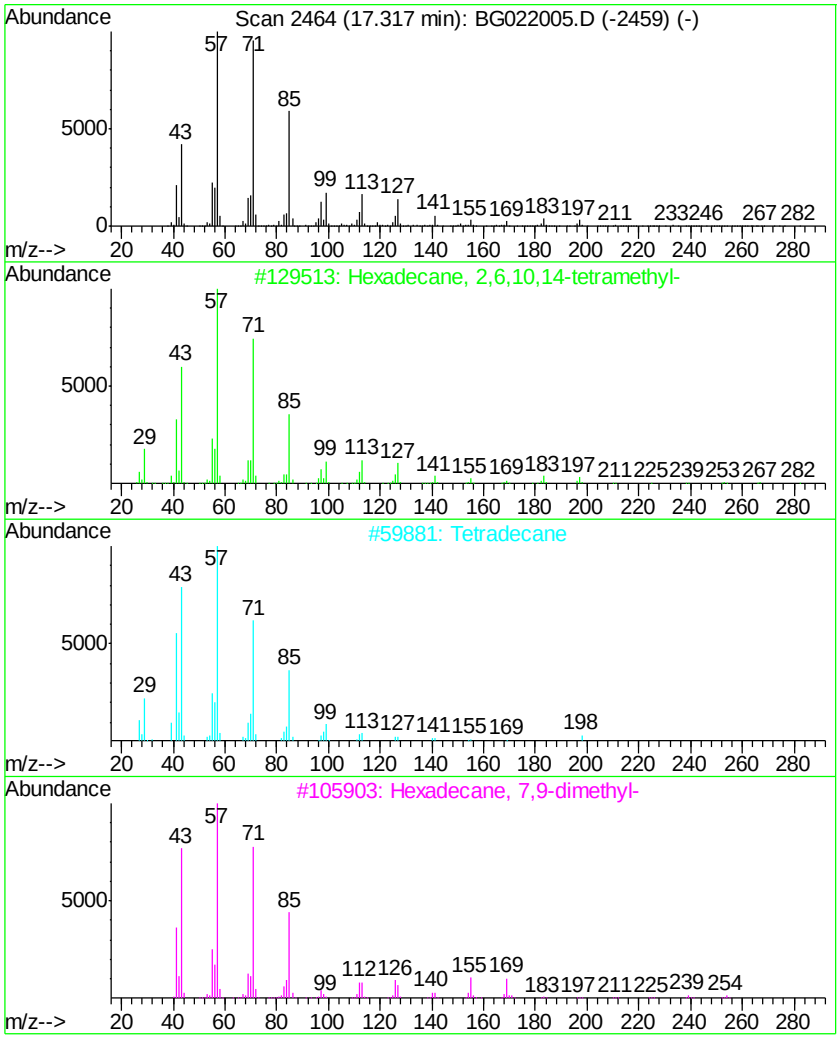
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

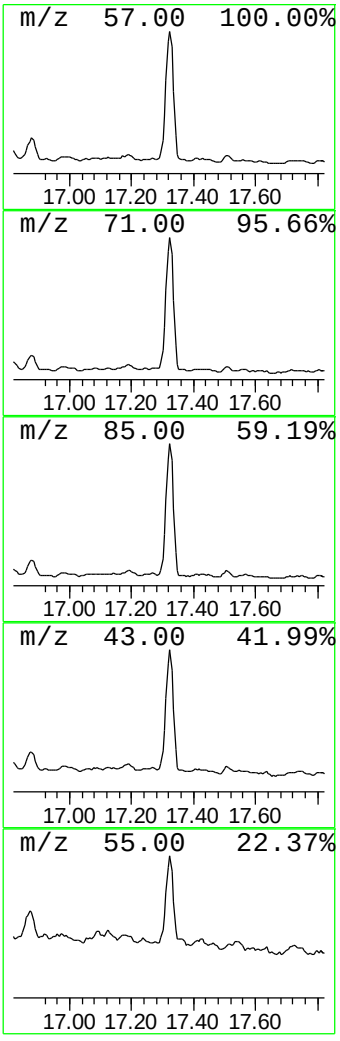
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	20.00 ng/ul	4118660	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2	Tetradecane	198	C14H30	000629-59-4	87
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Hexadecane	226	C16H34	000544-76-3	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

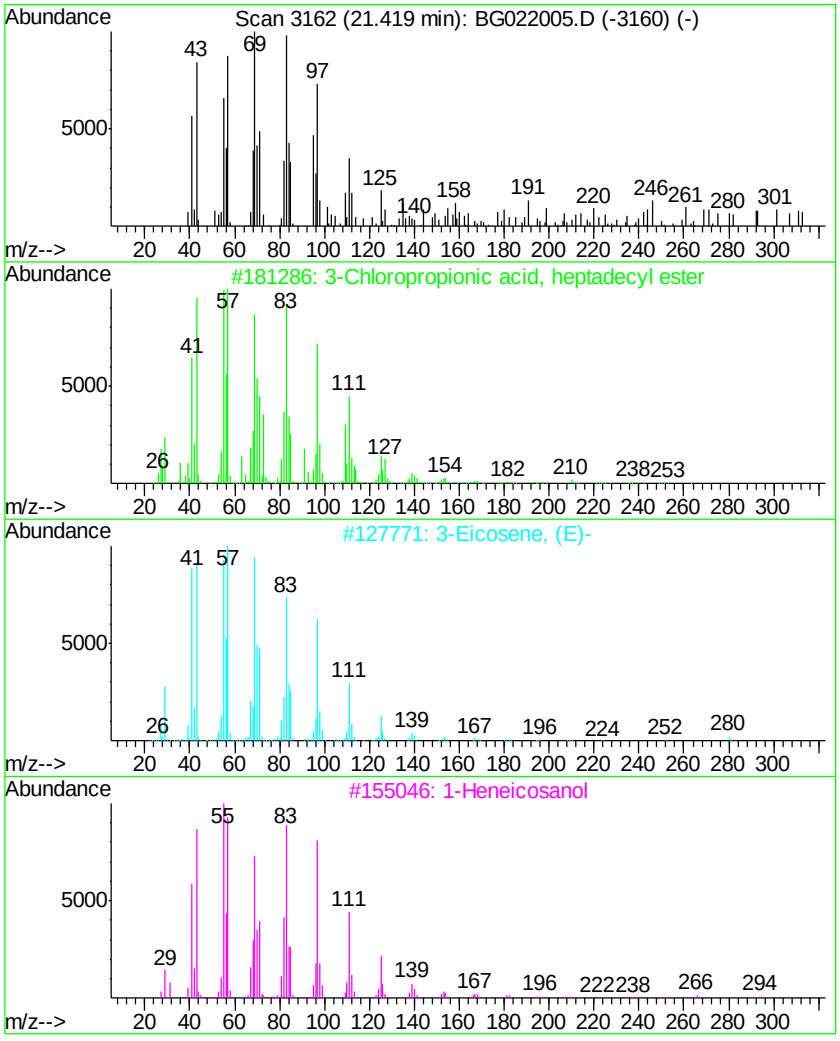
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

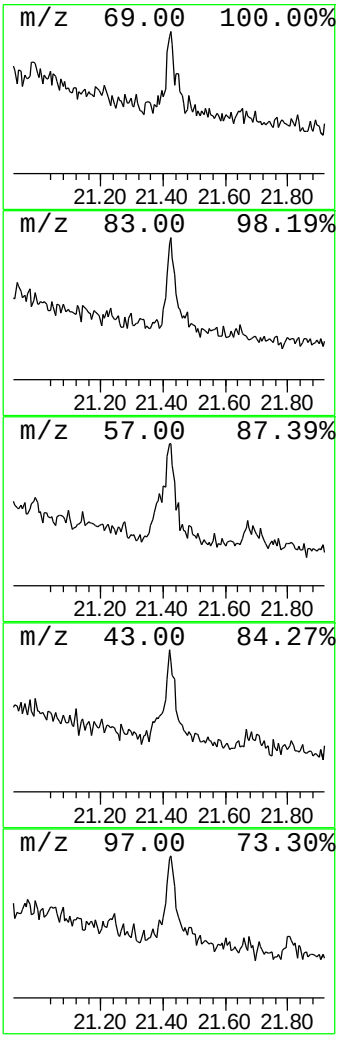
****

Peak Number 55 3-Chloropropionic acid, hep... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	2.79 ng/ul	90149	Chrysene-d12	21.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	72
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	64
3	1-Heneicosanol	312	C21H44O	015594-90-8	55
4	10-Heneicosene (c,t)	294	C21H42	095008-11-0	50
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	49





Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

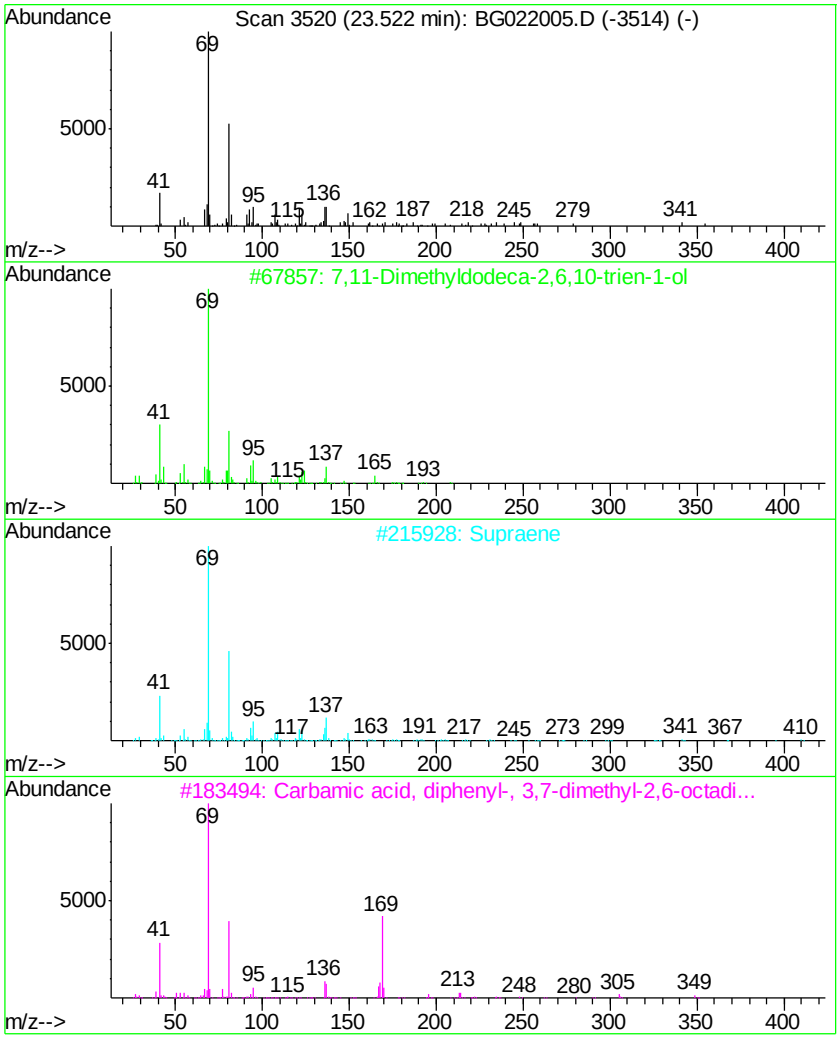
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

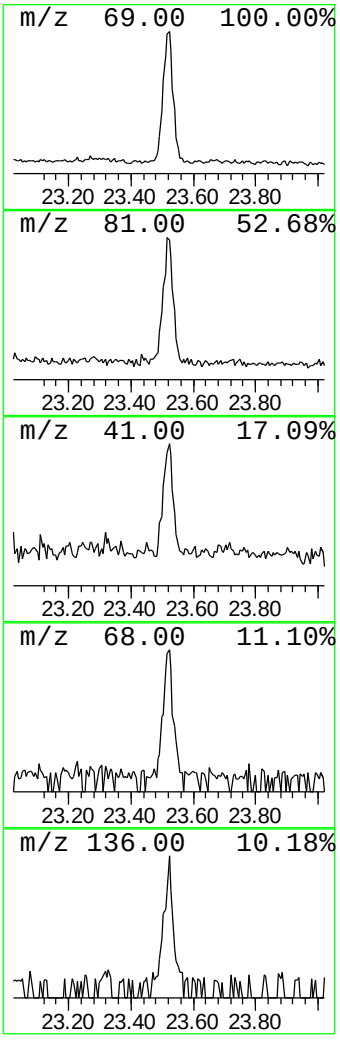
****

Peak Number 56 7,11-Dimethyldodeca-2,6,10-... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.52	3.27 ng/ul	108925	Perylene-d12	25.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	74
2	Supraene	410	C30H50	007683-64-9	72
3	Carbamic acid, diphenyl-, 3,7-di...	349	C23H27NO2	095438-58-7	64
4	Farnesol, acetate	264	C17H28O2	1000352-67-2	59
5	Squalene	410	C30H50	000111-02-4	56





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	6.09	2.6	ng/ul	25246	1	8.16	194776	20.0
Sulfurous acid, c...	6.42	7.1	ng/ul	69561	1	8.16	194776	20.0
Carbonic acid, 3-...	6.65	5.1	ng/ul	49971	1	8.16	194776	20.0
(DEL) Alkane: Str...	6.69	3.3	ng/ul	32076	1	8.16	194776	20.0
2-Ethyl-1-dodecanol	6.74	2.5	ng/ul	24370	1	8.16	194776	20.0
unknown-01	6.80	16.1	ng/ul	156577	1	8.16	194776	20.0
(DEL) Alkane: Cyc...	6.89	2.8	ng/ul	27144	1	8.16	194776	20.0
unknown-02	6.96	2.4	ng/ul	23095	1	8.16	194776	20.0
(DEL) Alkane: Str...	7.03	4.4	ng/ul	43178	1	8.16	194776	20.0
unknown-03	7.13	3.2	ng/ul	31307	1	8.16	194776	20.0
(DEL) Alkane: Cyc...	7.24	3.0	ng/ul	29243	1	8.16	194776	20.0
1-Pentadecyne	7.53	5.2	ng/ul	50914	1	8.16	194776	20.0
(DEL) Alkane: Cyc...	7.60	6.0	ng/ul	58642	1	8.16	194776	20.0
(DEL) Alkane: Cyc...	7.63	11.8	ng/ul	115222	1	8.16	194776	20.0
(DEL) Alkane: Cyc...	7.97	3.4	ng/ul	33155	1	8.16	194776	20.0
unknown-04	8.29	5.0	ng/ul	48296	1	8.16	194776	20.0
unknown-05	8.33	12.9	ng/ul	125897	1	8.16	194776	20.0
unknown-06	8.40	3.9	ng/ul	38154	1	8.16	194776	20.0
(DEL) Alkane: Cyc...	8.43	9.9	ng/ul	96860	1	8.16	194776	20.0
(DEL) Alkane: Cyc...	8.50	8.4	ng/ul	81897	1	8.16	194776	20.0
4-Butyl-cyclohexa...	8.59	9.1	ng/ul	88788	1	8.16	194776	20.0
1H-Indene, octahy...	8.69	11.5	ng/ul	111947	1	8.16	194776	20.0
(DEL) Alkane: Str...	8.80	6.8	ng/ul	66181	1	8.16	194776	20.0
Naphthalene, deca...	9.00	30.1	ng/ul	293387	1	8.16	194776	20.0
Oxalic acid, cycl...	9.14	23.1	ng/ul	225218	1	8.16	194776	20.0
(DEL) Alkane: Cyc...	9.26	67.8	ng/ul	660716	1	8.16	194776	20.0
Bicyclo[3.1.1]hep...	9.42	4.5	ng/ul	43792	1	8.16	194776	20.0
Sulfurous acid, c...	9.48	21.6	ng/ul	210575	1	8.16	194776	20.0
(DEL) Alkane: Cyc...	9.63	8.0	ng/ul	361897	2	10.98	907172	20.0
unknown-07	9.70	4.1	ng/ul	185451	2	10.98	907172	20.0
(DEL) Alkane: Str...	9.79	4.7	ng/ul	212079	2	10.98	907172	20.0
Naphthalene, deca...	9.89	19.2	ng/ul	871691	2	10.98	907172	20.0
unknown-08	10.69	16.2	ng/ul	734708	2	10.98	907172	20.0
trans, cis-3-Ethy...	10.75	7.3	ng/ul	328989	2	10.98	907172	20.0
(DEL) Alkane: Cyc...	11.19	7.4	ng/ul	335353	2	10.98	907172	20.0
(DEL) Alkane: Cyc...	11.47	7.8	ng/ul	353012	2	10.98	907172	20.0
(DEL) Alkane: Cyc...	11.65	7.2	ng/ul	328411	2	10.98	907172	20.0
cis, cis-2-Ethylb...	11.81	13.5	ng/ul	613531	2	10.98	907172	20.0
(DEL) Alkane: Str...	11.99	46.7	ng/ul	2117580	2	10.98	907172	20.0
(DEL) Alkane: Cyc...	12.03	18.5	ng/ul	837671	2	10.98	907172	20.0
unknown-09	12.71	23.3	ng/ul	1055030	2	10.98	907172	20.0
unknown-10	13.01	9.6	ng/ul	2108150	3	14.80	4407420	20.0
1-Hexadecyne	13.25	6.3	ng/ul	1396090	3	14.80	4407420	20.0
(DEL) Alkane: Str...	13.33	20.9	ng/ul	4610960	3	14.80	4407420	20.0
(DEL) Alkane: Cyc...	13.60	8.7	ng/ul	1913760	3	14.80	4407420	20.0
(DEL) Alkane: Str...	13.82	11.2	ng/ul	2472850	3	14.80	4407420	20.0
(DEL) Alkane: Str...	13.87	22.4	ng/ul	4936330	3	14.80	4407420	20.0
(DEL) Alkane: Cyc...	14.55	11.8	ng/ul	2594300	3	14.80	4407420	20.0
unknown-11	14.64	20.0	ng/ul	4407420	3	14.80	4407420	20.0

(DEL) Alkane: Str...	16.02	18.9	ng/ul	4172660	3	14.80	4407420	20.0
(DEL) Alkane: Str...	16.51	40.5	ng/ul	8332970	4	17.54	4118660	20.0
(DEL) Alkane: Str...	17.32	20.0	ng/ul	4118660	4	17.54	4118660	20.0
3-Chloropropionic...	21.42	2.8	ng/ul	90149	5	21.81	645442	20.0
7,11-Dimethyldode...	23.52	3.3	ng/ul	108925	6	25.14	665257	20.0

Instrument :
BNA_G
ClientSampleId :
JHGG4