LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

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-BG073115.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	5.507	472	480	486	rVV3	35772	85510	2.50%	0.161%
2	5.983	552	561	567	rBV2	43285	75195	2.19%	0.141%
3	6.624	666	670	676	rBV4	38151	74712	2.18%	0.140%
4	6.688	676	681	691	rVB2	147824	264180	7.71%	0.497%
5	6.829	697	705	709	rBV	111457	184397	5.38%	0.347%
6	7.023	733	738	751	rVB	170207	333890	9.74%	0.628%
7	7.135	751	757	763	rBV	48165	87319	2.55%	0.164%
8	7.299	780	785	792	rBV9	27432	66138	1.93%	0.124%
9	7.487	807	817	823	rVB2	218213	477541	13.94%	0.898%
10	7.552	823	828	833	rBV5	38286	74426	2.17%	0.140%
11	7.675	842	849	853	rVV4	72796	136858	3.99%	0.257%
12	7.746	857	861	872	rVV7	70510	192295	5.61%	0.362%
13	7.834	872	876	883	rVV4	44731	99369	2.90%	0.187%
14	7.922	887	891	896	rVV5	45376	80185	2.34%	0.151%
15	7.987	896	902	905	rVV6	39832	82978	2.42%	0.156%
16	8.034	906	910	916	rVB5	78129	132865	3.88%	0.250%
17	8.128	921	926	930	rBV3	48806	80566	2.35%	0.151%
18	8.216	937	941	947	rVB2	180543	260652	7.61%	0.490%
19	8.304	948	956	960	rBV3	130220	229648	6.70%	0.432%
20	8.586	994	1004	1009	rBV7	139177	357404	10.43%	0.672%
21	8.645	1009	1014	1017	rVV	140144	231027	6.74%	0.434%
22	8.680	1017	1020	1024	rVB4	65498	95036	2.77%	0.179%
23	8.798	1035	1040	1043	rBV4	110287	216587	6.32%	0.407%
24	8.833	1043	1046	1052	rVB5	152542	288805	8.43%	0.543%
25	8.950	1052	1066	1073	rBV9	89369	386388	11.28%	0.726%
26	9.068	1083	1086	1091	rVB6	54073	80513	2.35%	0.151%
27	9.133	1091	1097	1101	rVV4	179161	309419	9.03%	0.582%
28	9.191	1102	1107	1113	rVB3	218240	368095	10.74%	0.692%
29	9.362	1130	1136	1140	rBV5	151640	323987	9.46%	0.609%
30	9.403	1140	1143	1146	rVV2	99007	127033	3.71%	0.239%
31	9.450	1146	1151	1160	rVB5	241204	523520	15.28%	0.984%
32	9.685	1186	1191	1194	rBV5	51807	112405	3.28%	0.211%
33	9.726	1194	1198	1203	rVV6	89601	187850	5.48%	0.353%
34	9.873	1218	1223	1225	rBV3	81665	129794	3.79%	0.244%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

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-BG073115.M
Title : SVOA CALIBRATION

35	9.908	1225	1229	1234	rVB2	208419	314511	9.18%	0.591%
36	9.979	1237	1241	1244	rBV5	59542	97172	2.84%	0.183%
37	10.061	1251	1255	1260	rVB5	85807	144942	4.23%	0.273%
38	10.143	1264	1269	1272	rBV3	140218	219529	6.41%	0.413%
39	10.178	1272	1275	1278	rVV	90928	116958	3.41%	0.220%
40	10.272	1282	1291	1296	rVV	417271	998847	29.15%	1.878%
41	10.325	1296	1300	1303	rVV2	147576	270656	7.90%	0.509%
42	10.396	1307	1312	1316	rVV5	187683	376768	11.00%	0.708%
43	10.449	1317	1321	1326	rVV2	460082	682548	19.92%	1.283%
44	10.501	1326	1330	1337	rVV8	78949	158738	4.63%	0.298%
45	10.678	1355	1360	1364	rBV6	116374	191414	5.59%	0.360%
46	10.719	1364	1367	1371	rVV6	54276	89041	2.60%	0.167%
47	10.766	1371	1375	1379	rVV4	134853	204813	5.98%	0.385%
48	10.807	1379	1382	1385	rBV3	52492	66452	1.94%	0.125%
49	10.954	1403	1407	1409	rBV4	180180	282750	8.25%	0.532%
50	11.066	1422	1426	1429	rBV4	61981	79097	2.31%	0.149%
51	11.312	1463	1468	1473	rBV2	626228	1133763	33.09%	2.132%
52	11.565	1508	1511	1515	rVB6	158353	213549	6.23%	0.402%
53	12.023	1585	1589	1592	rBV3	162062	272599	7.96%	0.513%
54	12.094	1598	1601	1603	rBV3	96273	111731	3.26%	0.210%
55	12.429	1655	1658	1666	rVB5	219226	412631	12.04%	0.776%
56	12.499	1667	1670	1676	rVB6	147299	193921	5.66%	0.365%
57	12.581	1679	1684	1690	rVB6	214778	402262	11.74%	0.756%
58	12.699	1700	1704	1708	rVV	642607	880024	25.68%	1.655%
59	12.746	1709	1712	1719	rVB6	197279	300535	8.77%	0.565%
60	12.934	1739	1744	1747	rBV	246865	402190	11.74%	0.756%
61	13.016	1755	1758	1762	rVB4	151266	173653	5.07%	0.326%
62	13.087	1767	1770	1775	rVB5	179888	246616	7.20%	0.464%
63	13.580	1849	1854	1859	rBV	817028	1153827	33.67%	2.169%
64	13.627	1859	1862	1863	rBV3	149737	161882	4.72%	0.304%
65	13.662	1864	1868	1872	rVB2	807848	1129739	32.97%	2.124%
66	13.862	1899	1902	1905	rBV	138844	192165	5.61%	0.361%
67	13.992	1921	1924	1928	rBV	422276	495947	14.47%	0.932%
68	14.080	1934	1939	1943	rBV6	165569	324711	9.48%	0.611%
69	14.133	1943	1948	1949	rBV3	269051	396295	11.57%	0.745%
70	14.168	1952	1954	1962	rVB3	485280	744211	21.72%	1.399%
71	14.708	2042	2046	2051	rBV4	426466	597933	17.45%	1.124%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

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-BG073115.M
Title : SVOA CALIBRATION

72	14.955	2084	2088	2093	rBV3	389090	584031	17.04%	1.098%
73	15.167	2121	2124	2129	rVB	398665	582619	17.00%	1.095%
74	15.219	2130	2133	2137	rBV3	210795	313407	9.15%	0.589%
75	15.449	2168	2172	2182	rVB	540858	919943	26.85%	1.730%
76	15.825	2234	2236	2239	rBV3	109296	135367	3.95%	0.255%
77	15.930	2246	2254	2265	rVB	884273	1820060	53.12%	3.422%
78	16.747	2389	2393	2402	rVB2	497209	837381	24.44%	1.574%
79	16.923	2419	2423	2427	rBV	373987	544533	15.89%	1.024%
80	16.964	2427	2430	2436	rVV2	221105	303118	8.85%	0.570%
81	17.023	2436	2440	2444	rVV	311920	416843	12.16%	0.784%
82	18.557	2697	2701	2705	rVB2	217290	282009	8.23%	0.530%
83	18.997	2772	2776	2780	rVB	414833	503939	14.71%	0.947%
84	19.056	2782	2786	2791	rVV	295476	359721	10.50%	0.676%
85	19.332	2829	2833	2836	rBV	358747	530661	15.49%	0.998%
86	19.362	2836	2838	2843	rVB	360891	398091	11.62%	0.748%
87	20.390	3011	3013	3017	rVB	199408	209253	6.11%	0.393%
88	20.854	3089	3092	3097	rVB2	620188	707519	20.65%	1.330%
89	21.130	3134	3139	3142	rBV2	556804	856584	25.00%	1.611%
90	21.295	3163	3167	3171	rVB	1451497	1484381	43.32%	2.791%
91	21.630	3221	3224	3227	rBV	464511	531835	15.52%	1.000%
92	21.718	3235	3239	3244	rVB	1877857	2040938	59.56%	3.837%
93	21.776	3245	3249	3258	rVB2	893677	1182179	34.50%	2.223%
94	21.929	3271	3275	3278	rBV2	506819	731265	21.34%	1.375%
95	22.170	3311	3316	3320	rVB	1794322	2268513	66.20%	4.265%
96	22.664	3394	3400	3410	rBV	2231134	3426592	100.00%	6.443%
97	23.216	3489	3494	3501	rVB2	1941883	3031627	88.47%	5.700%
98	23.851	3595	3602	3610	rVB	1627003	3099541	90.46%	5.828%
99	24.579	3720	3726	3735	rVB	1021070	2252615	65.74%	4.235%
100	25.431	3865	3871	3880	rVB2	714352	1841076	53.73%	3.462%

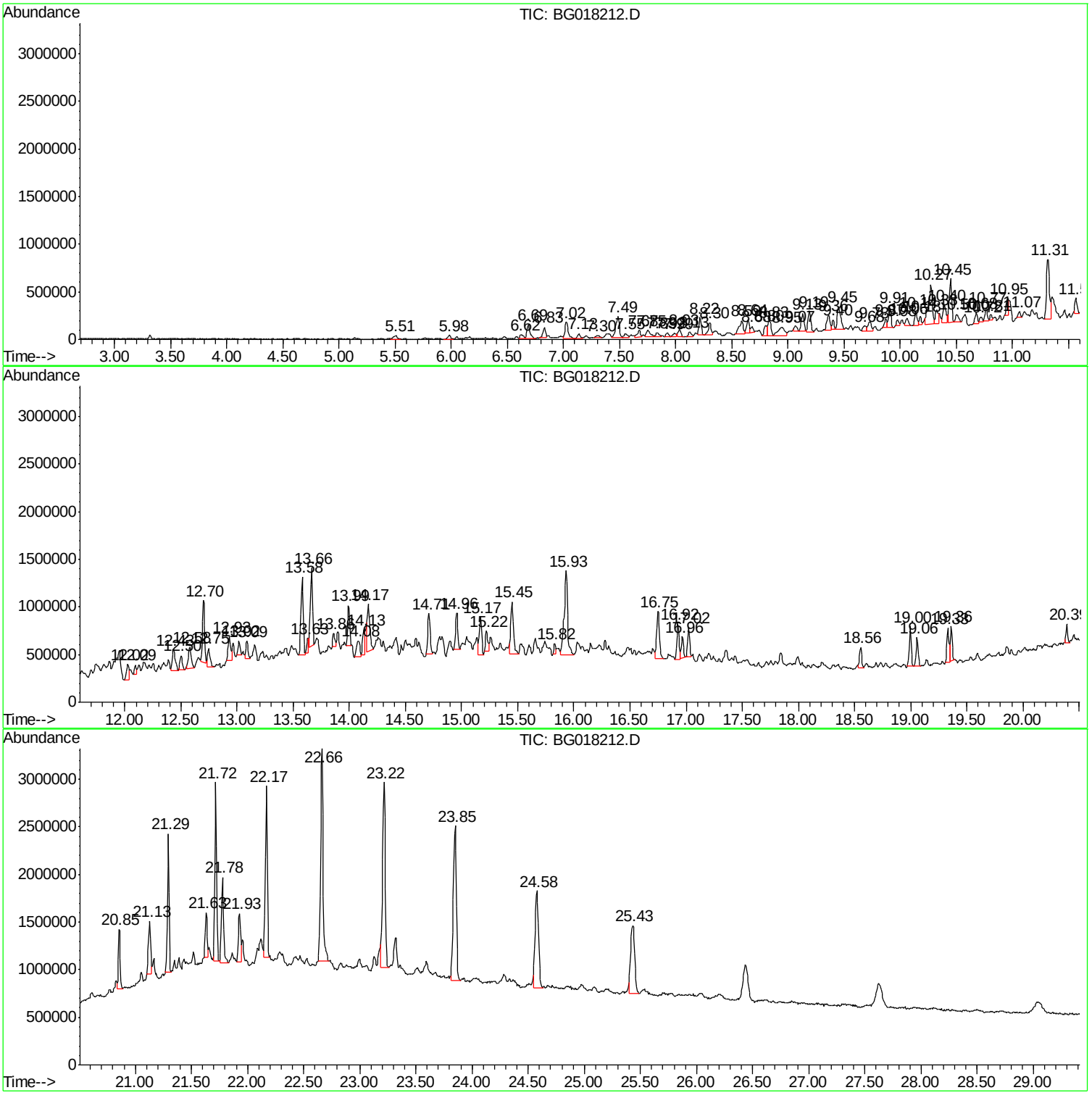
Sum of corrected areas: 53186648

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

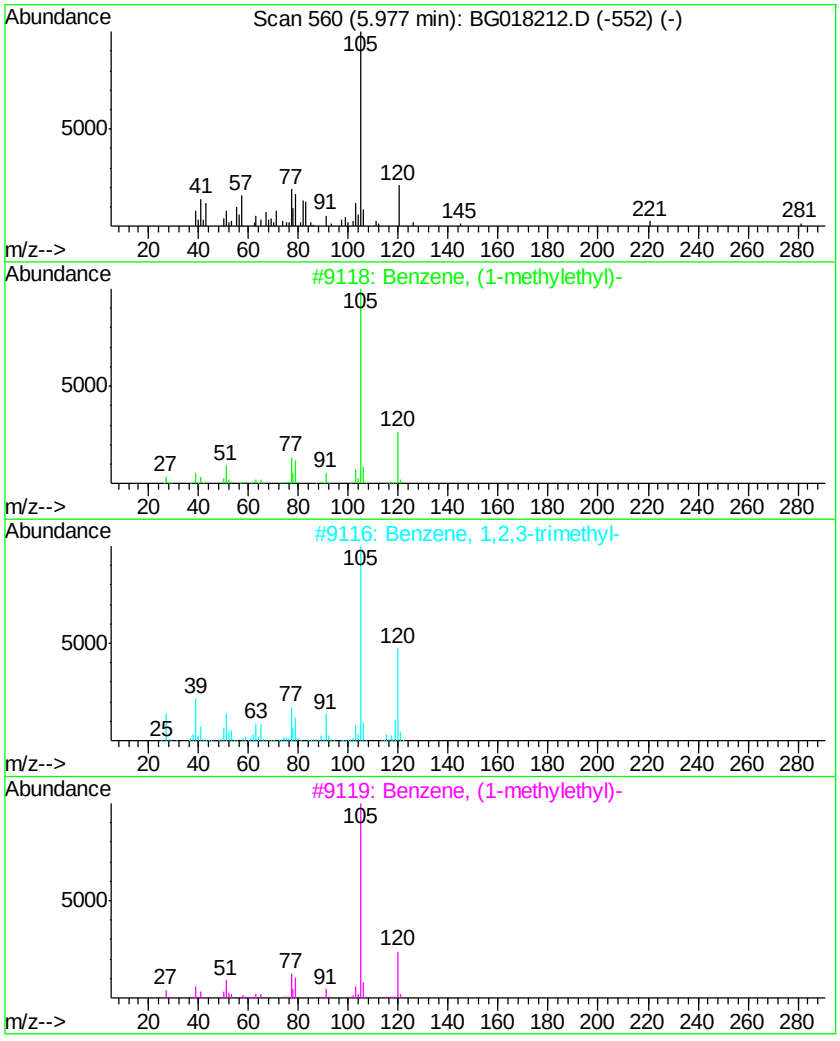
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

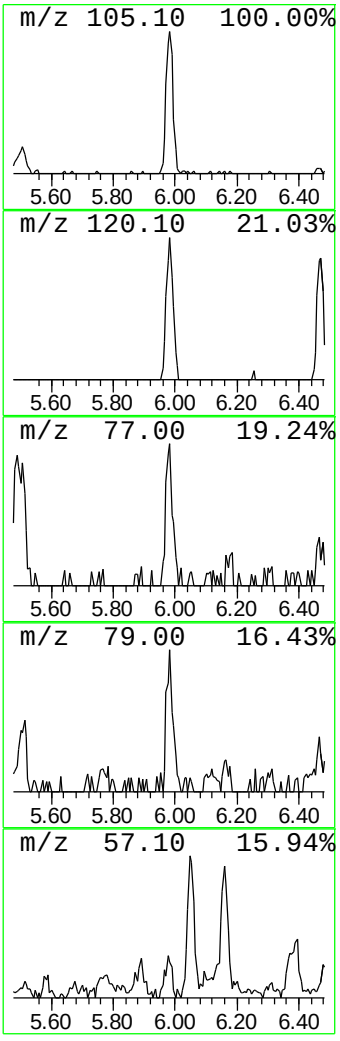
****

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	3.15 ng/ul	75195	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	76
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	64
4	2,4-Nonadiyne	120	C9H12	063621-15-8	58
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	52





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

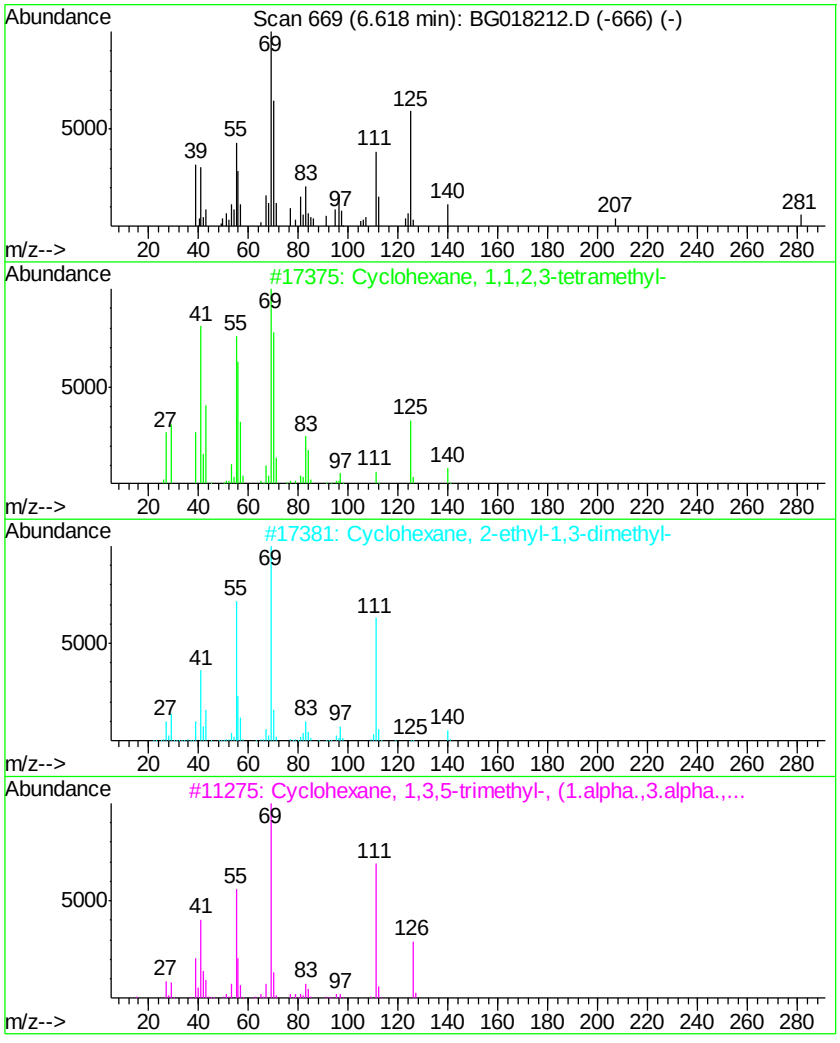
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

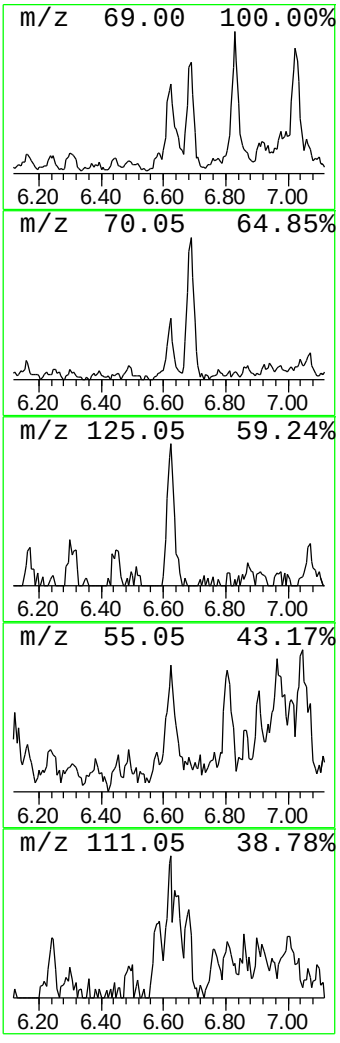
****

Peak Number 3 (DEL) Alkane: Cyclic6.62 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	3.13 ng/ul	74712	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	47
2	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	38
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	38
4	Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	38
5	3-Ethyl-3-octene	140	C10H20	019781-31-8	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

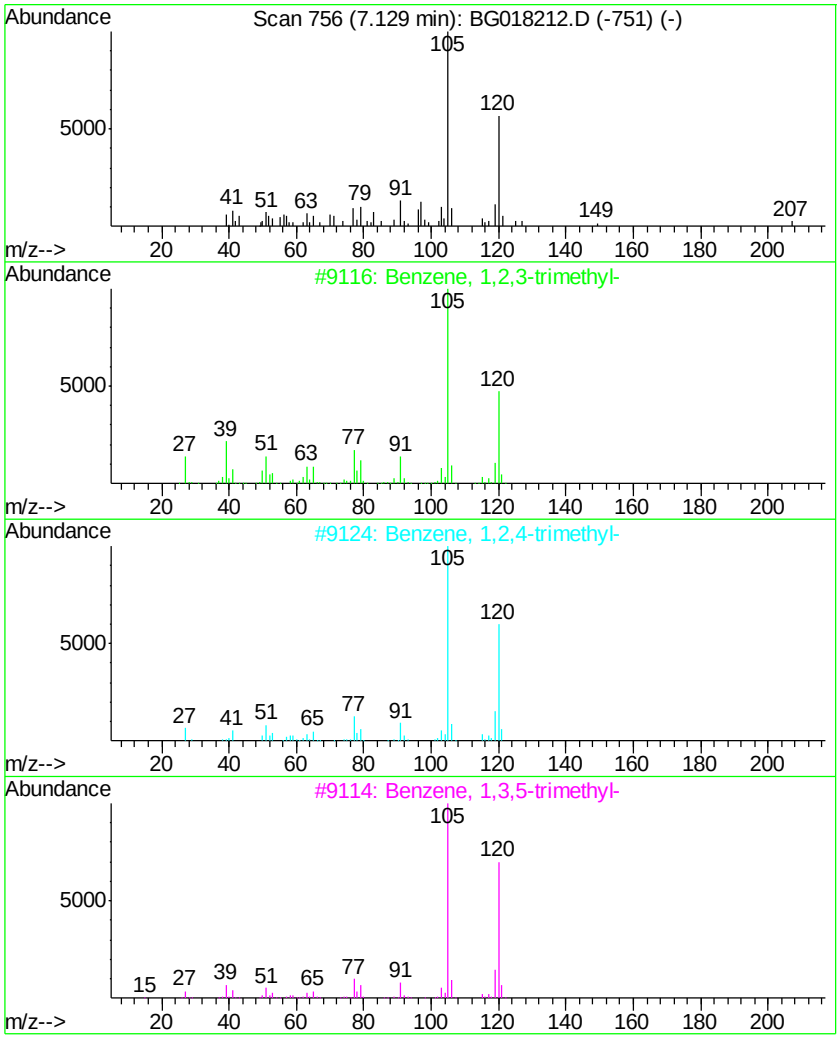
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

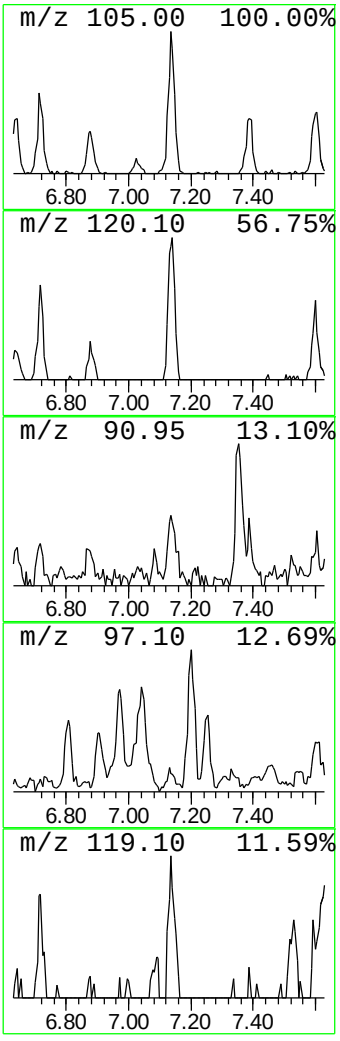
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	3.66 ng/ul	87319	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

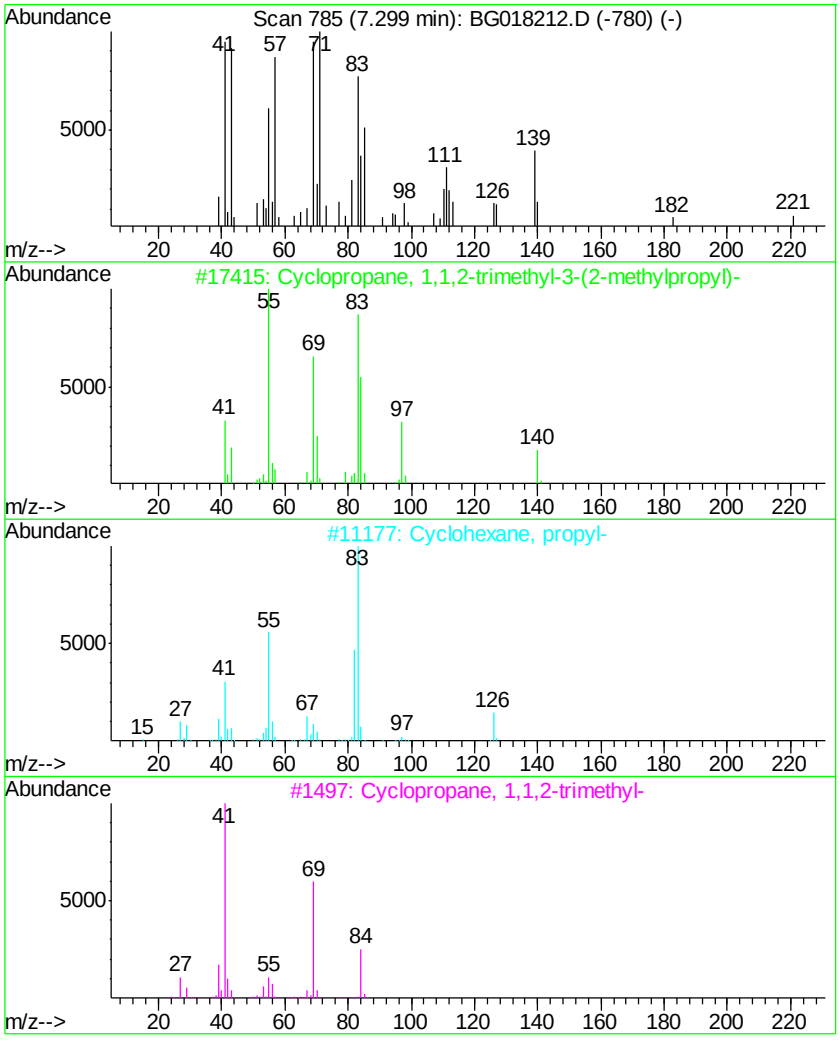
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

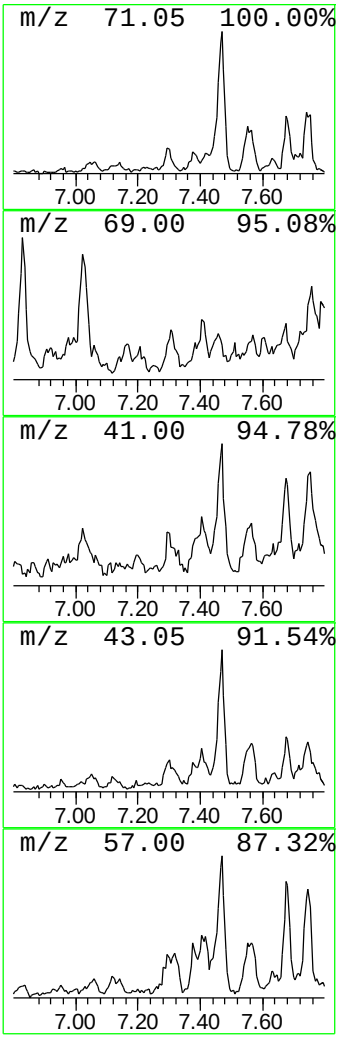
****

Peak Number 5 (DEL) Alkane: Cyclic7.30 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	2.77 ng/ul	66138	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	18
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	11
3	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	11
4	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	11
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	11





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

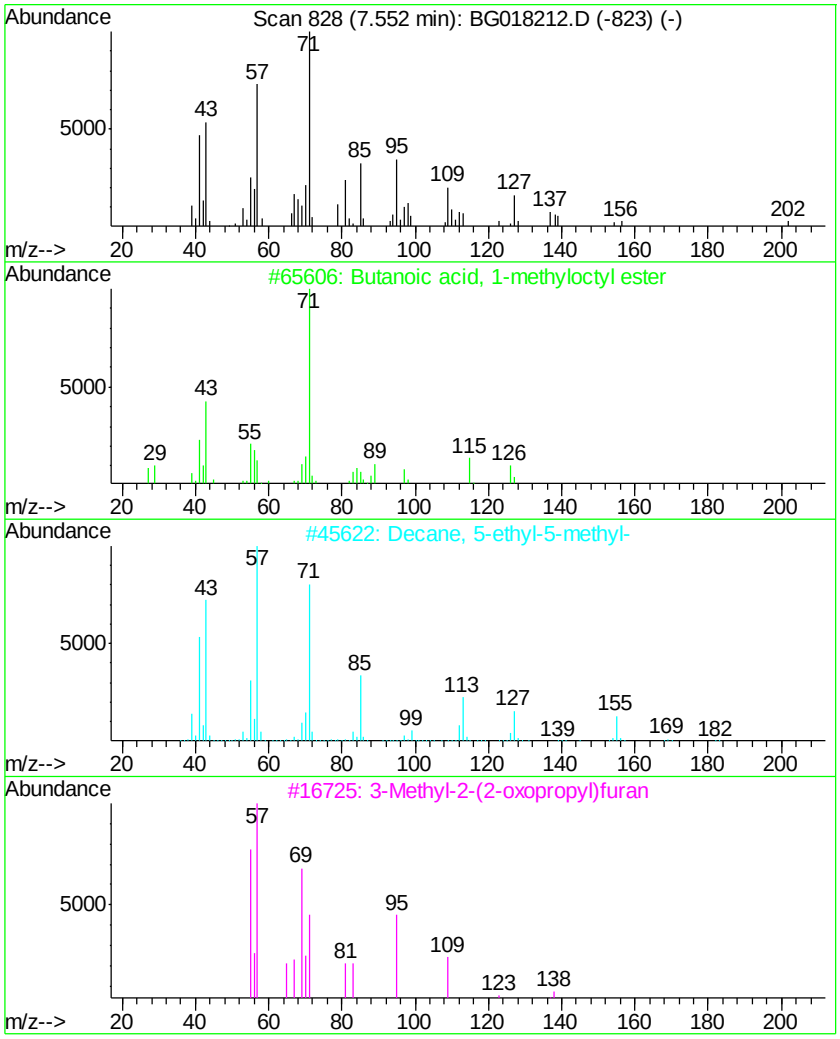
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

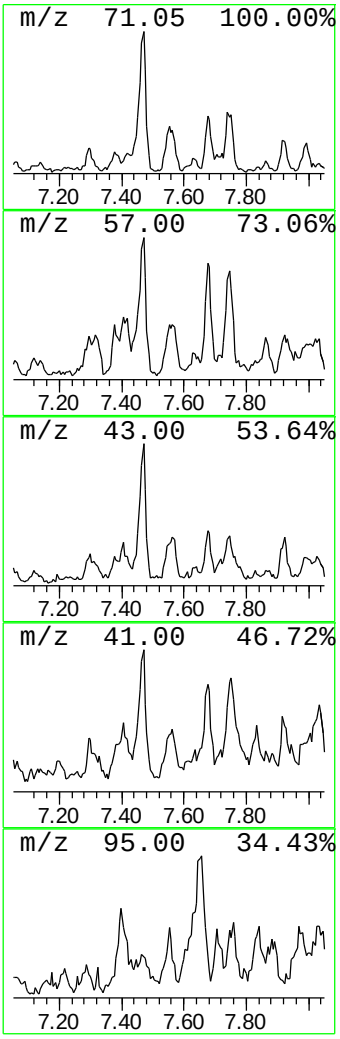
****

Peak Number 6 unknown-01 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	3.12 ng/ul	74426	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methyloctyl ester	214	C13H26O2	069727-42-0	47
2	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	47
3	3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	41
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	38
5	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

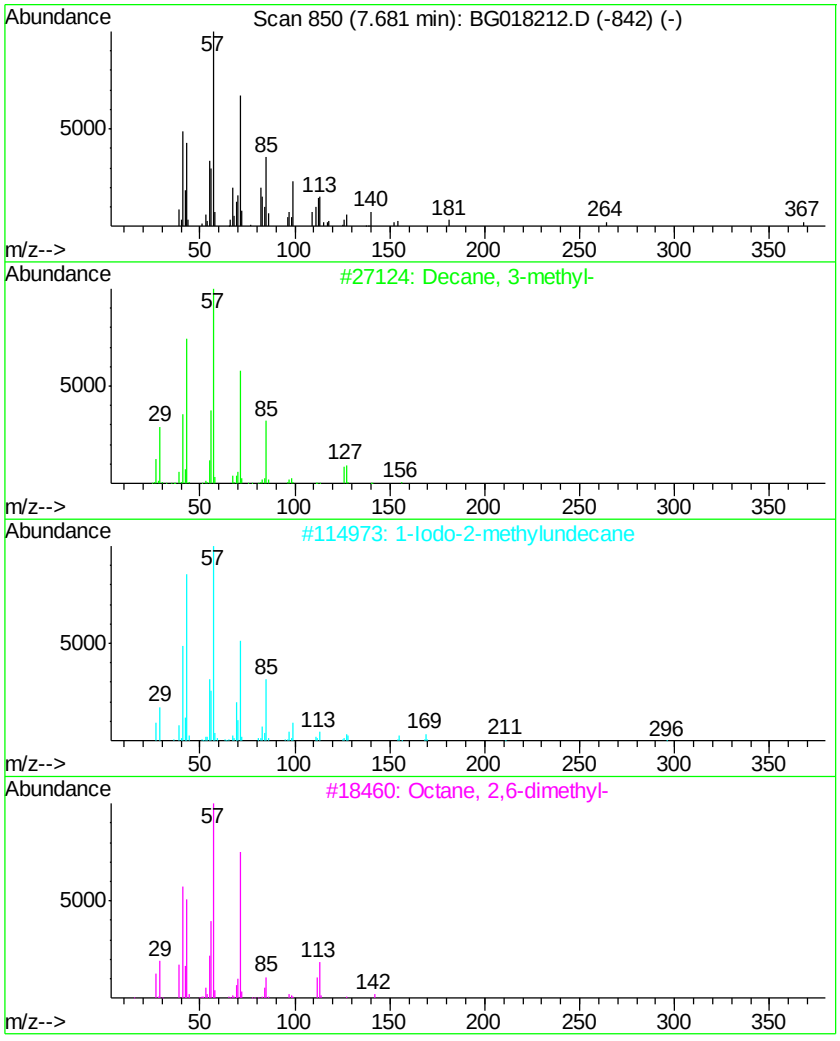
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

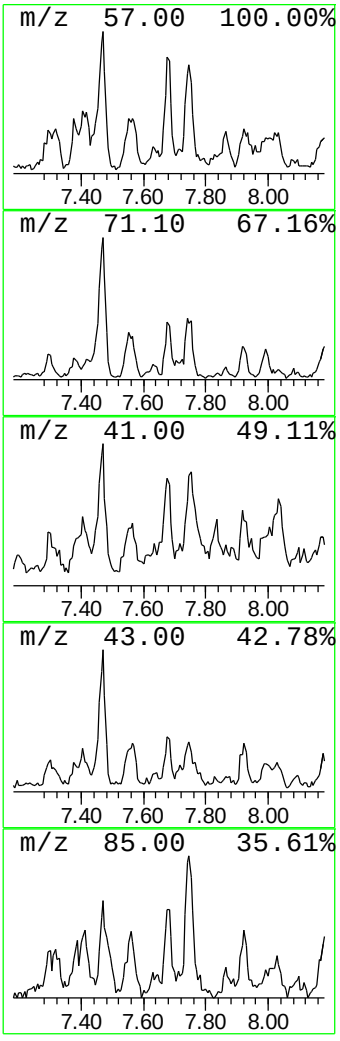
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	5.73 ng/ul	136858	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	47
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	47
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
4	Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	43
5	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

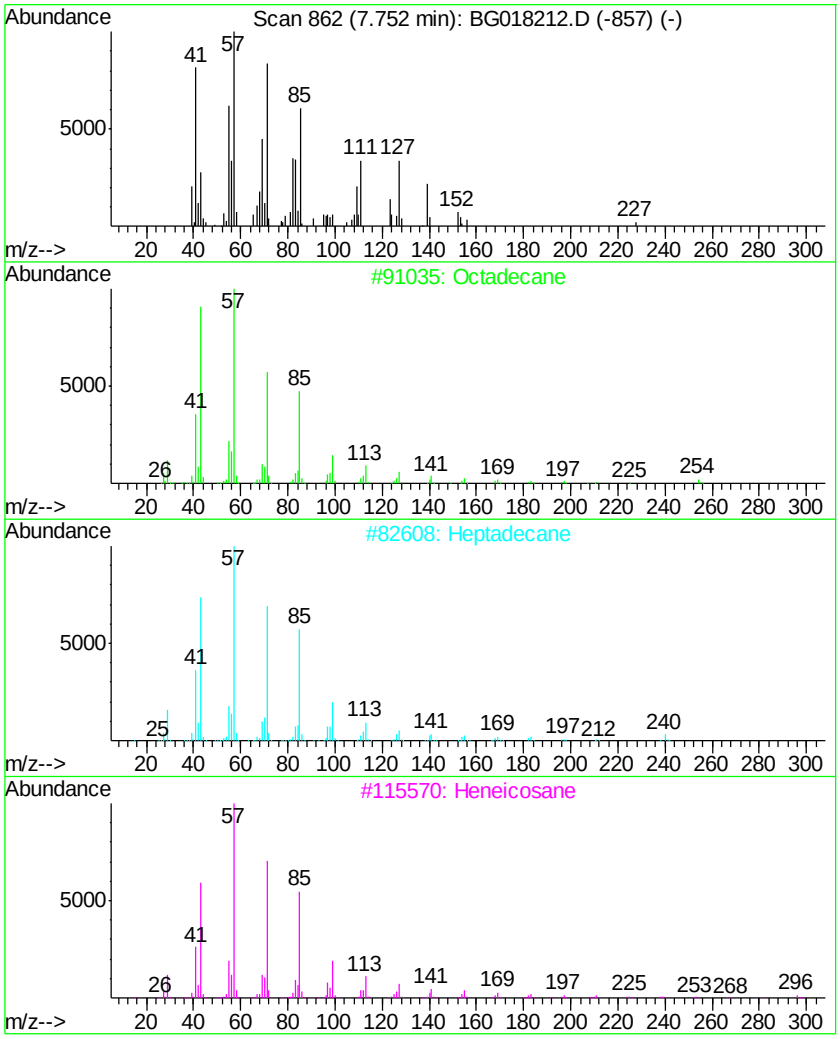
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

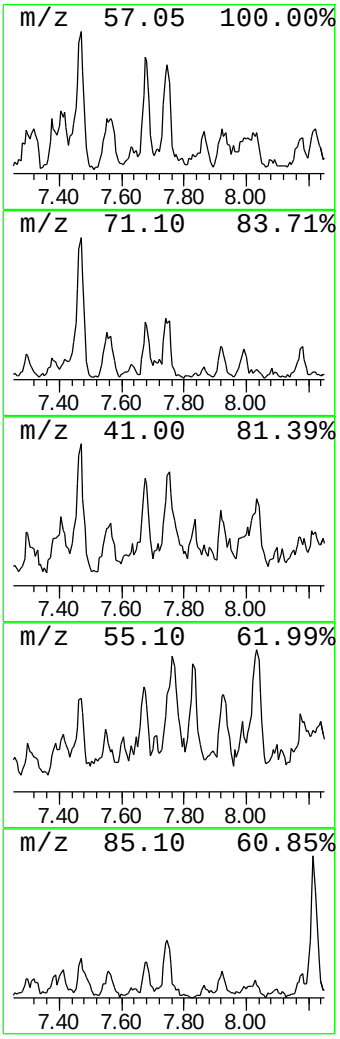
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	8.05 ng/ul	192295	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	38
2	Heptadecane	240	C17H36	000629-78-7	38
3	Heneicosane	296	C21H44	000629-94-7	38
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	35
5	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

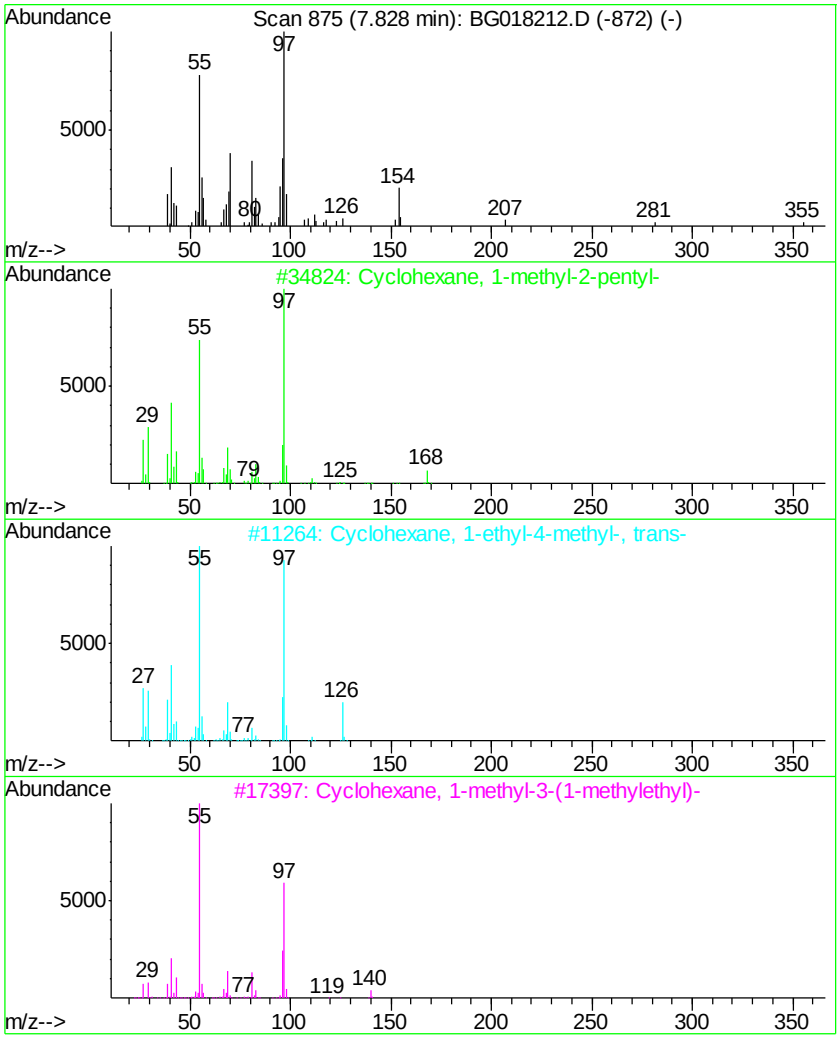
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

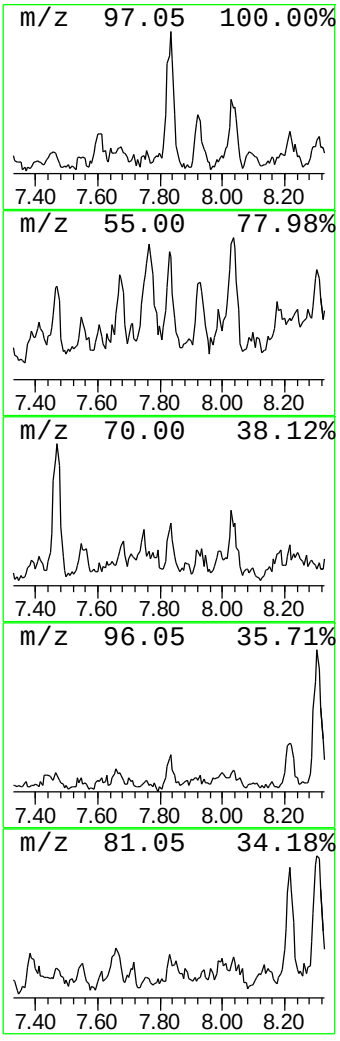
****

Peak Number 9 (DEL) Alkane: Cyclic7.83 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	4.16 ng/ul	99369	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	50
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	50
3	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	50
4	Cyclohexane, 1-isopropyl-3-methy...	140	C10H20	1000158-54-3	50
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

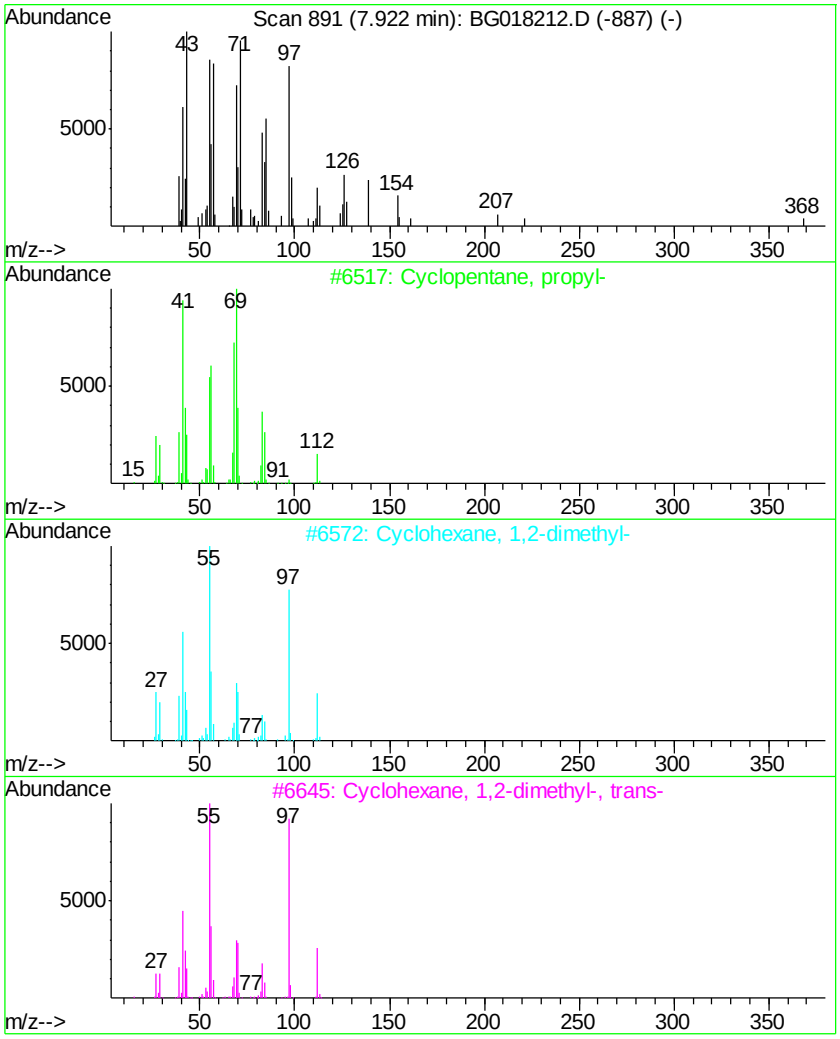
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

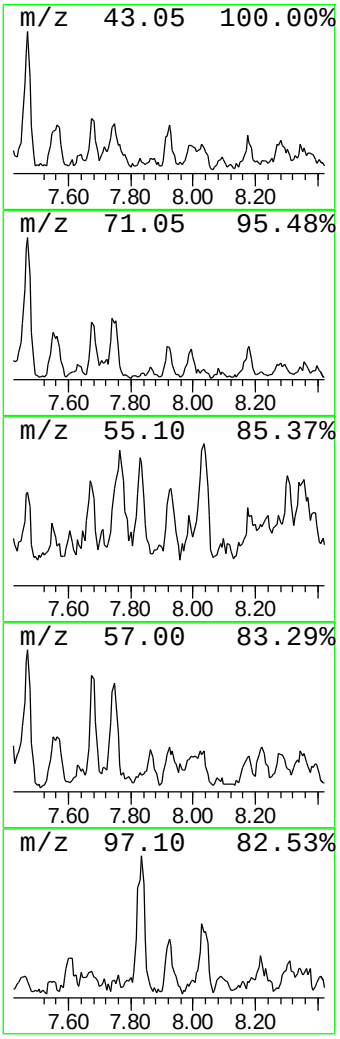
****

Peak Number 10 (DEL) Alkane: Cyclic7.92 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	3.36 ng/ul	80185	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, propyl-	112	C8H16	002040-96-2	35
2	Cyclohexane, 1,2-dimethyl-	112	C8H16	000583-57-3	30
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	30
4	3-Octene, (Z)-	112	C8H16	014850-22-7	25
5	2-Octene, (Z)-	112	C8H16	007642-04-8	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

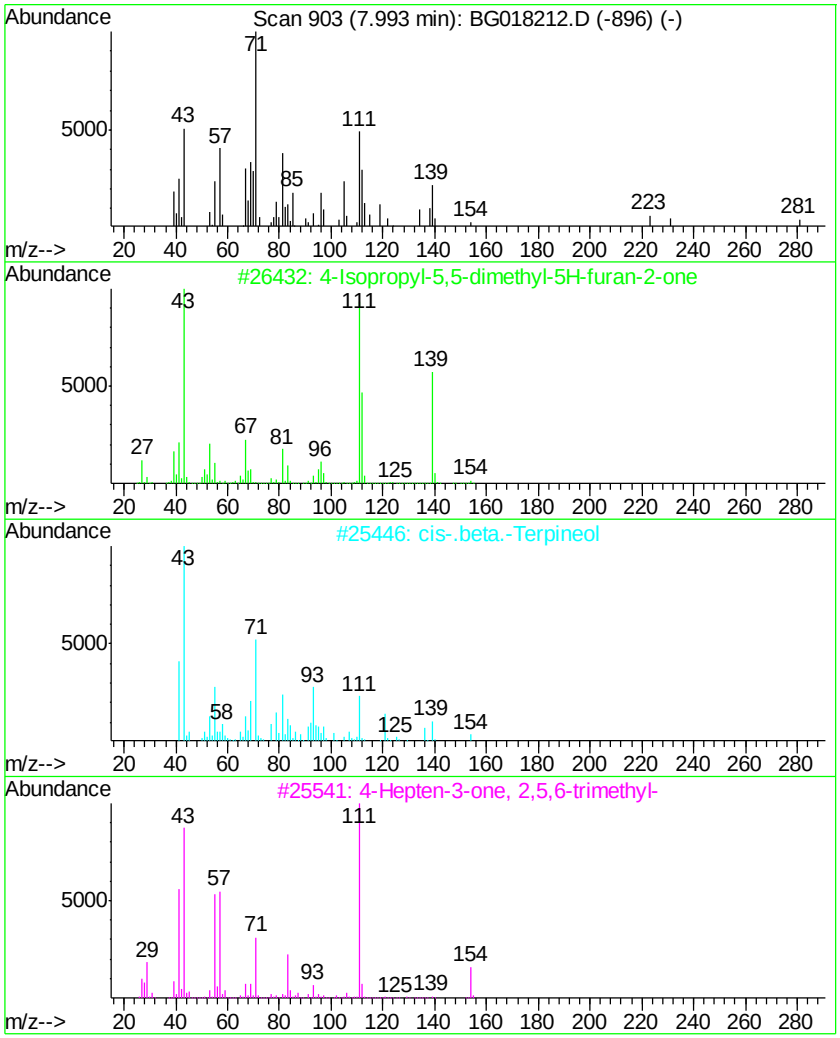
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

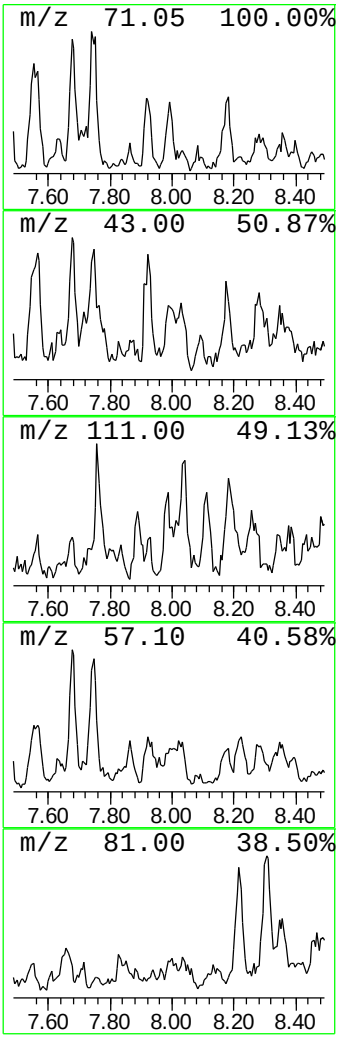
****

Peak Number 11 unknown-02 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	3.48 ng/ul	82978	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropyl-5,5-dimethyl-5H-fura...	154	C9H14O2	060845-38-7	27
2	cis-.beta.-Terpineol	154	C10H18O	007299-40-3	25
3	4-Hepten-3-one, 2,5,6-trimethyl-	154	C10H18O	016466-21-0	22
4	Decane, 4-methyl-	156	C11H24	002847-72-5	22
5	Pentanal, 2-methylene-, (1-methy...	154	C9H18N2	033063-80-8	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

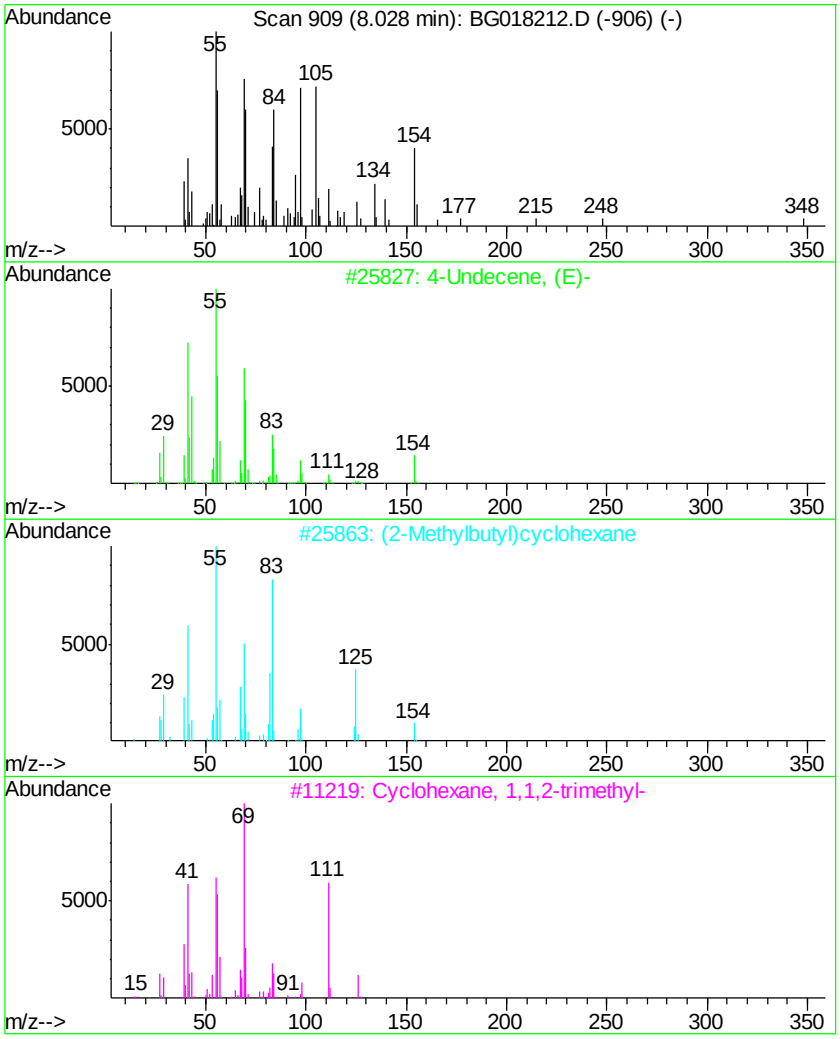
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

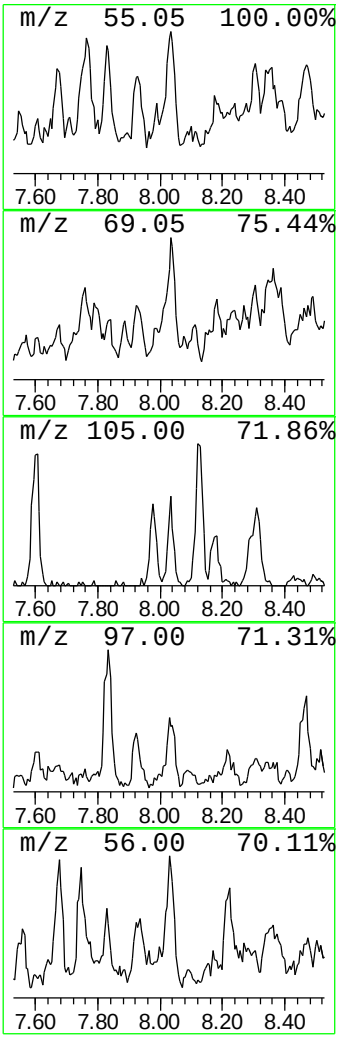
****

Peak Number 12 (DEL) Alkane: Cyclic8.03 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	5.56 ng/ul	132865	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Undecene, (E)-	154	C11H22	000693-62-9	59
2	(2-Methylbutyl)cyclohexane	154	C11H22	054105-77-0	43
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38
4	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	38
5	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

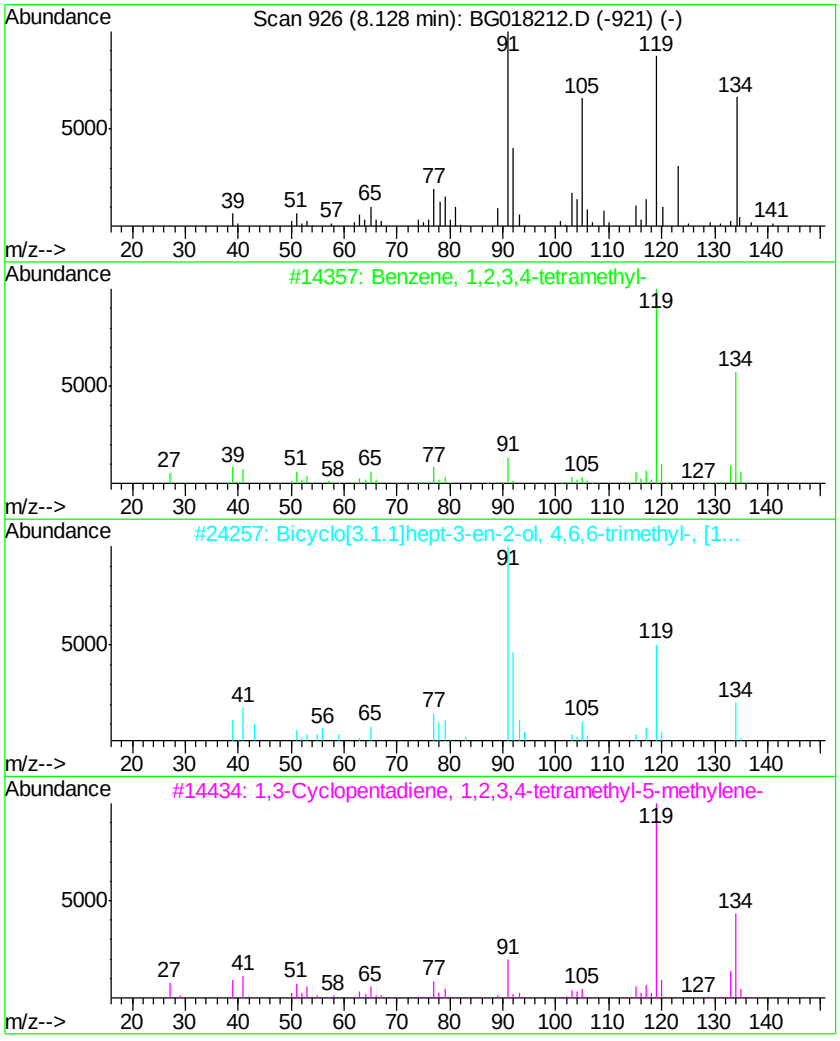
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

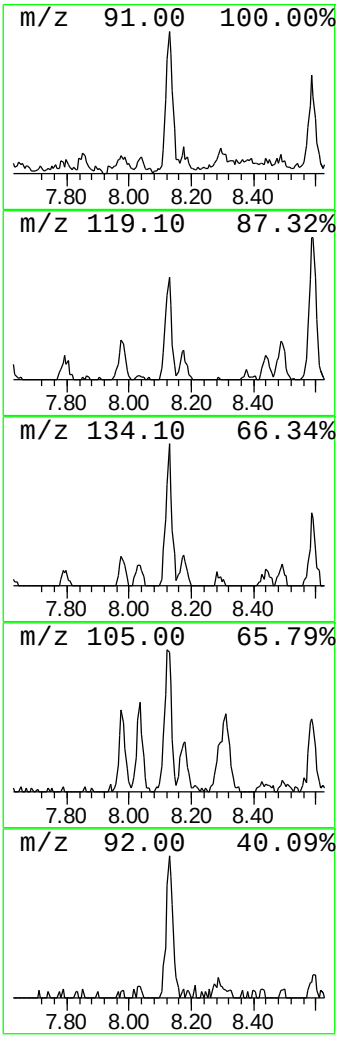
****

Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	3.37 ng/ul	80566	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
2	Bicyclo[3.1.1]hept-3-en-2-ol, 4,...	152	C10H16O	018881-04-4	72
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	72
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

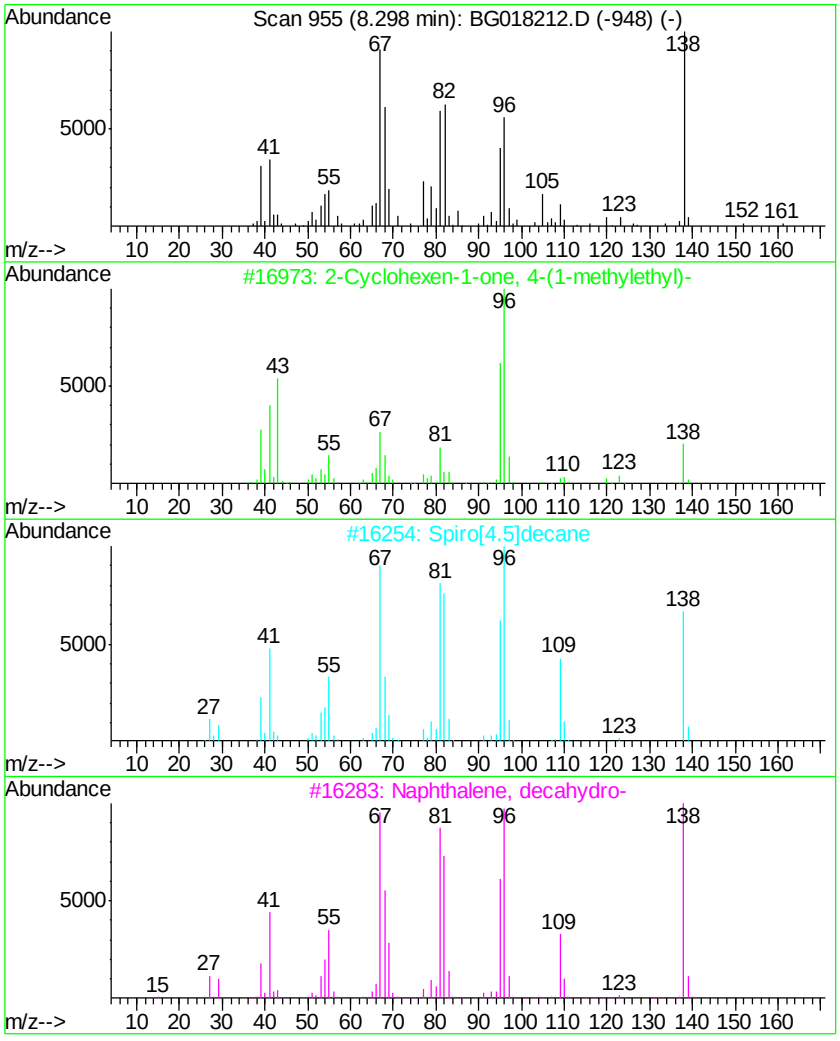
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

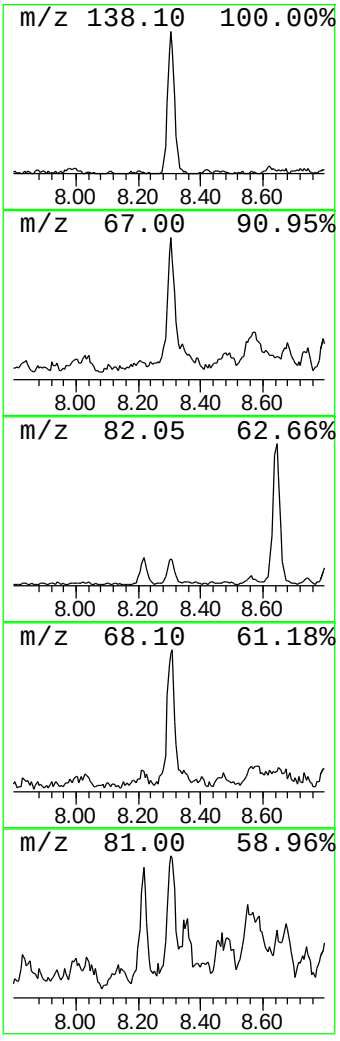
****

Peak Number 14 2-Cyclohexen-1-one, 4-(1-me... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	9.62 ng/ul	229648	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 4-(1-methyle...	138	C9H14O	000500-02-7	90
2	Spiro[4.5]decane	138	C10H18	000176-63-6	87
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	87
4	Naphthalene, decahydro-	138	C10H18	000091-17-8	87
5	Naphthalene, decahydro-	138	C10H18	000091-17-8	86





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

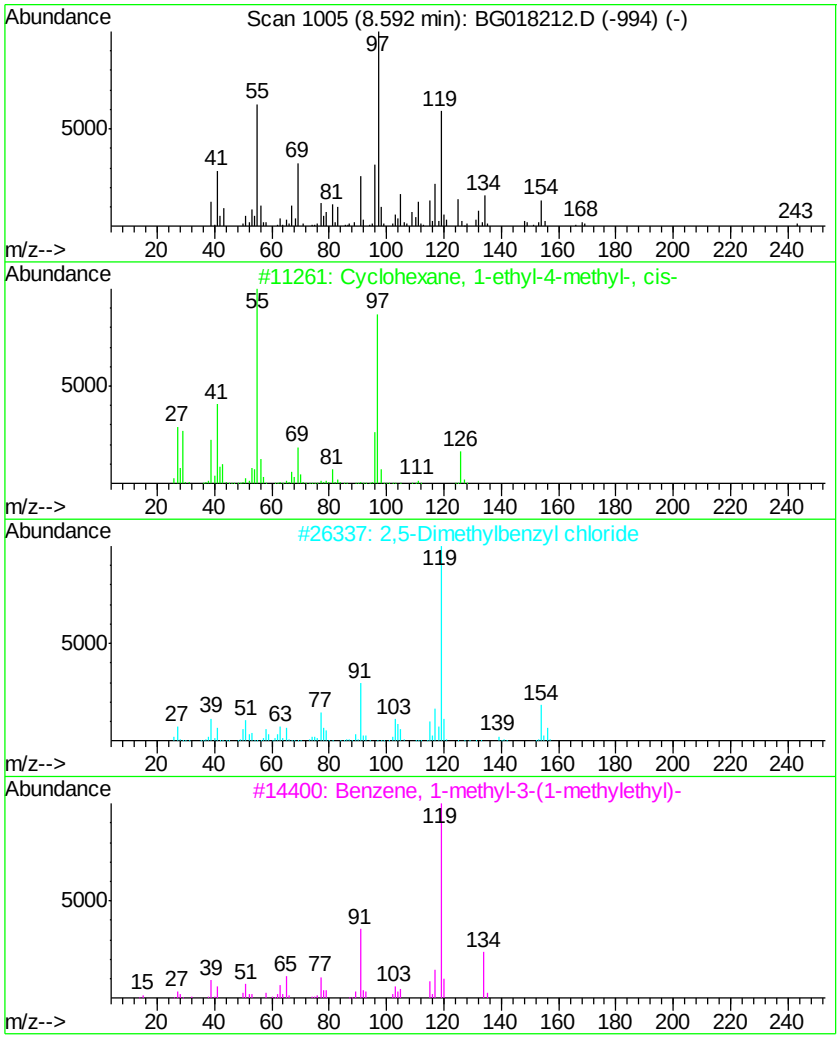
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

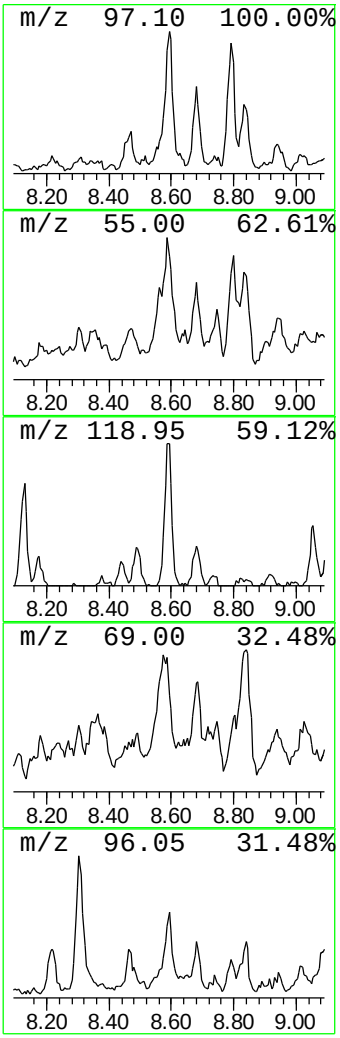
****

Peak Number 15 (DEL) Alkane: Cyclic8.59 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	14.97 ng/ul	357404	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	30
2	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	25
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	25
4	Benzene, tert-butyl-	134	C10H14	000098-06-6	25
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	20





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

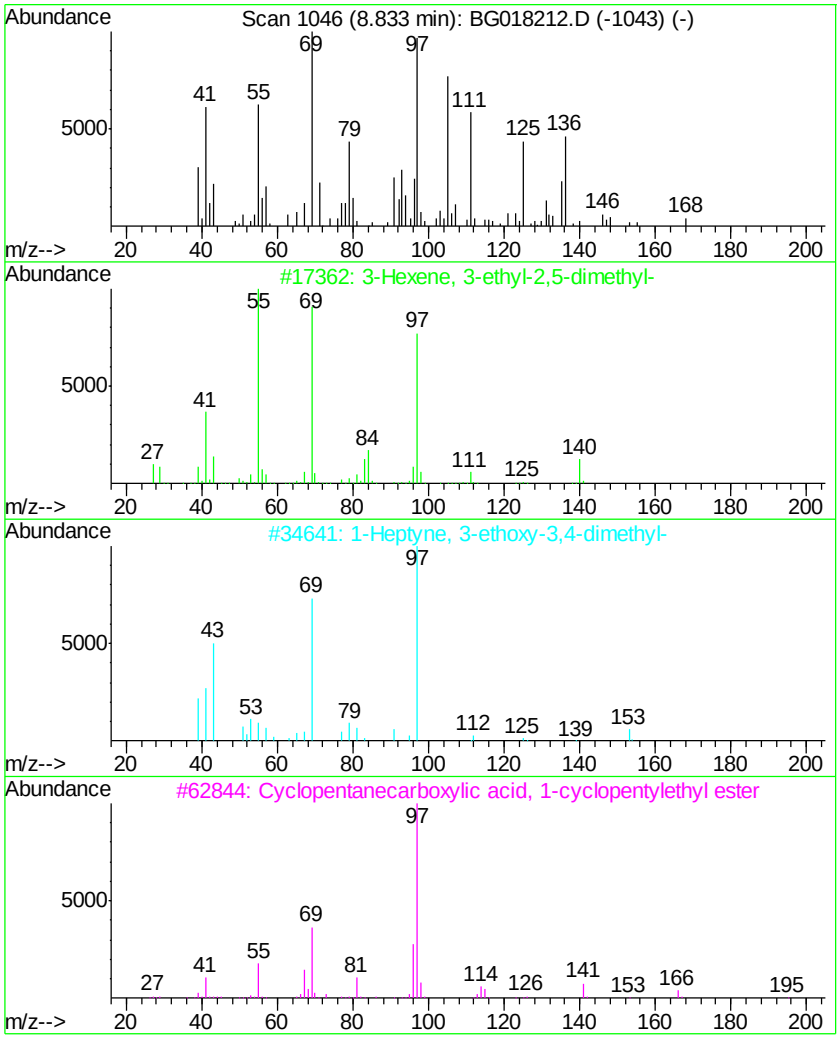
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

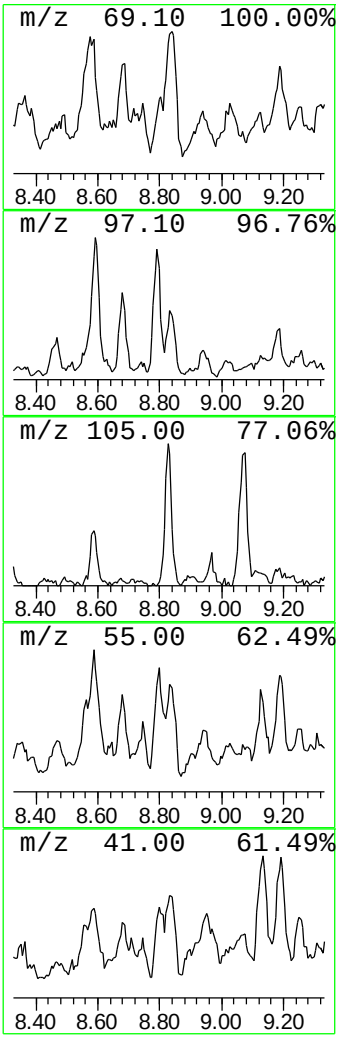
****

Peak Number 17 unknown-03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	12.10 ng/ul	288805	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	35
2	1-Heptyne, 3-ethoxy-3,4-dimethyl-	168	C11H20O	054411-04-0	35
3	Cyclopentanecarboxylic acid, 1-c...	210	C13H22O2	1000282-58-9	35
4	4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	27
5	2,6-Octadien-1-ol, 3,7-dimethyl-...	196	C12H20O2	000105-87-3	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

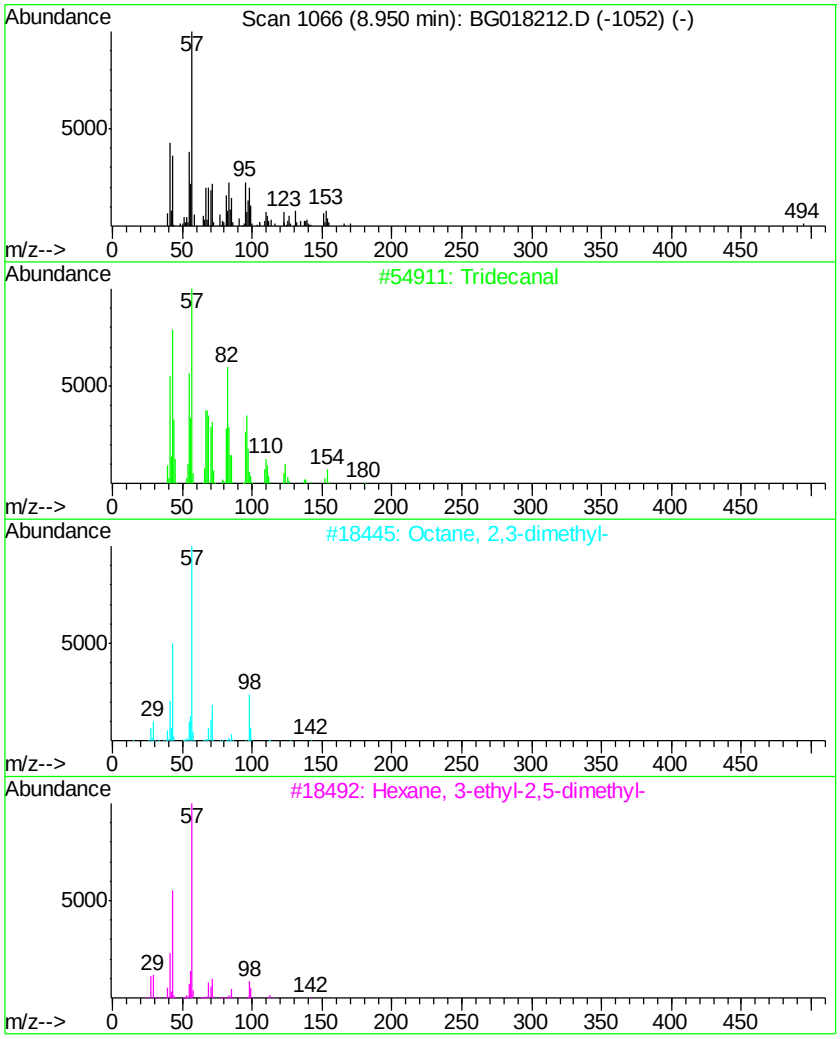
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

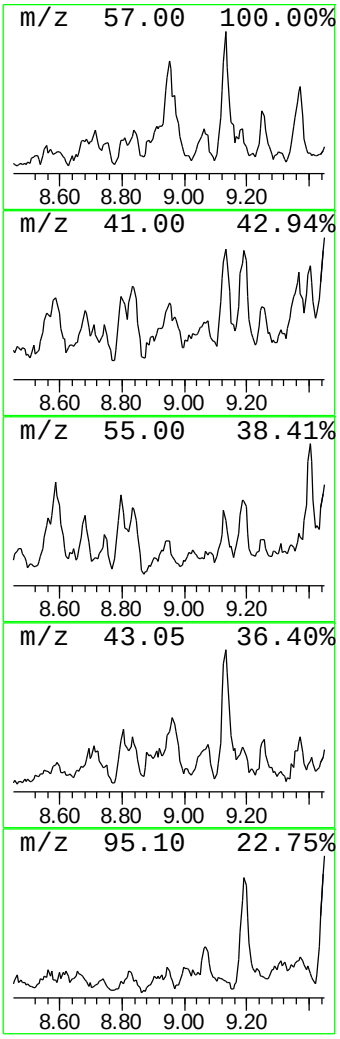
****

Peak Number 18 Tridecanal Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	7.74 ng/ul	386388	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanal	198	C13H26O	010486-19-8	52
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	38
3	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	35
4	Cyclooctacosane	392	C28H56	000297-24-5	35
5	1-Octyn-3-ol, 4-ethyl-	154	C10H18O	005877-42-9	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

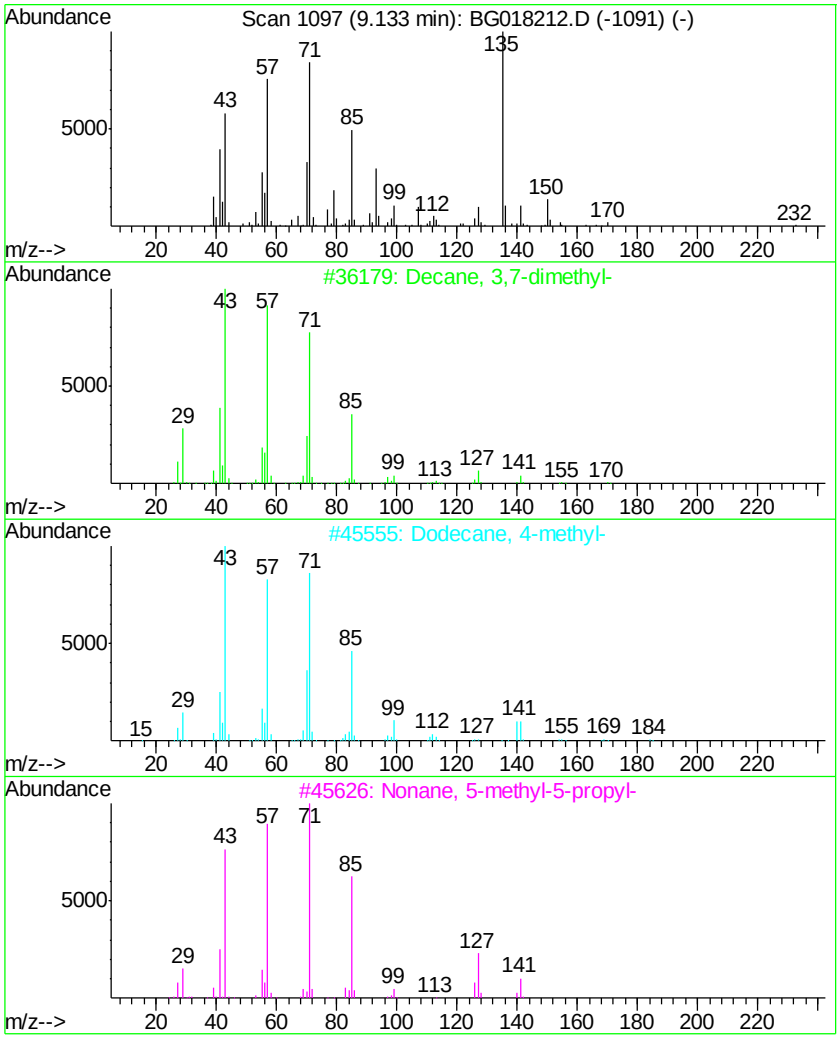
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

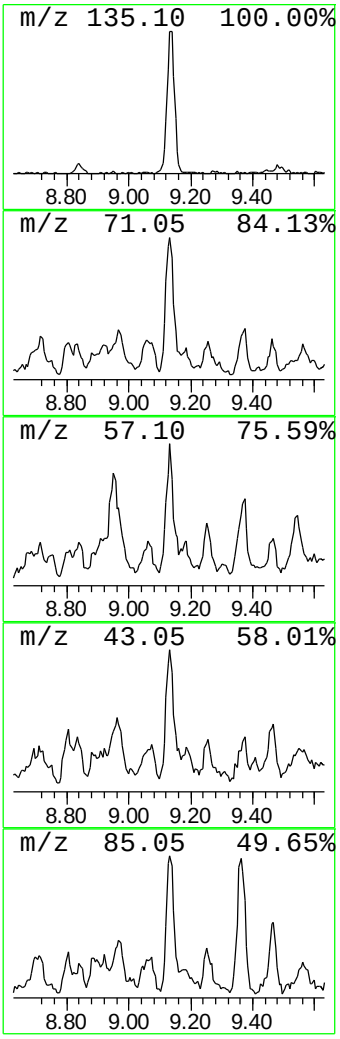
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	6.20 ng/ul	309419	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	50
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	43
3	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	38
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	35
5	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

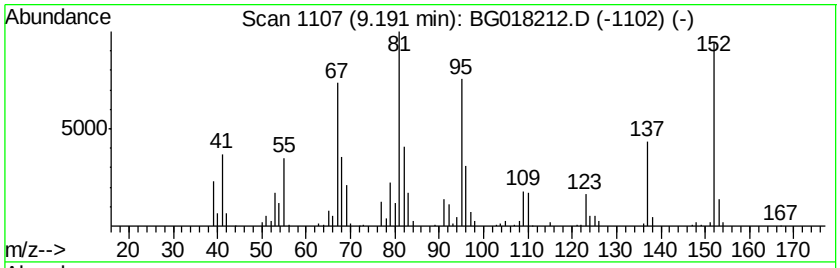
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

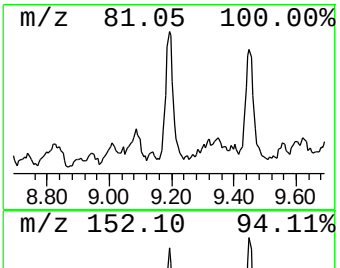
****

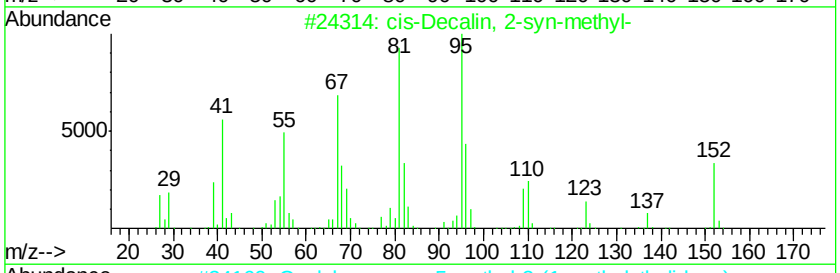
Peak Number 20 cis-Decalin, 2-syn-methyl- Concentration Rank 33

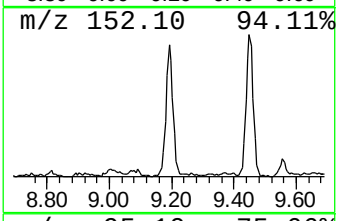
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	7.37 ng/ul	368095	Naphthalene-d8	10.27

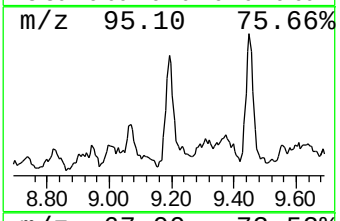
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	93
2	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	90
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
5	Pulegone	152	C10H16O	000089-82-7	76

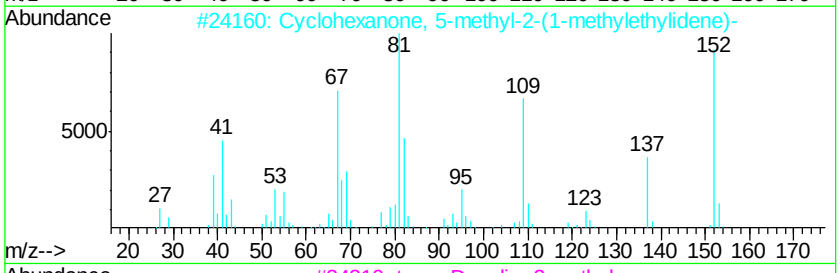


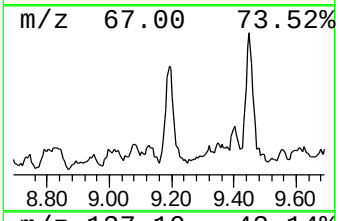


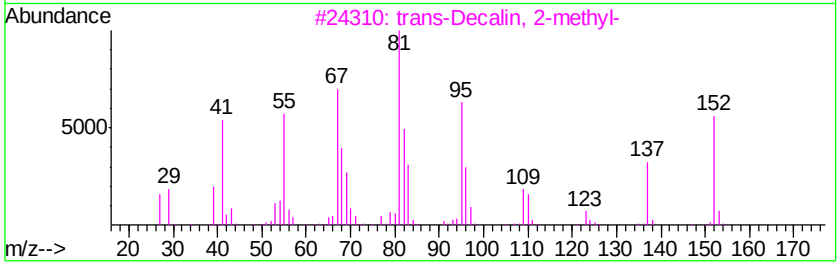


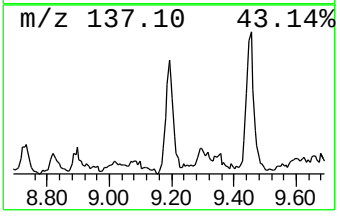












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

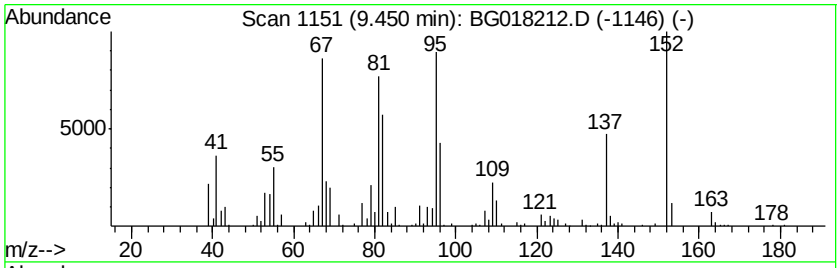
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

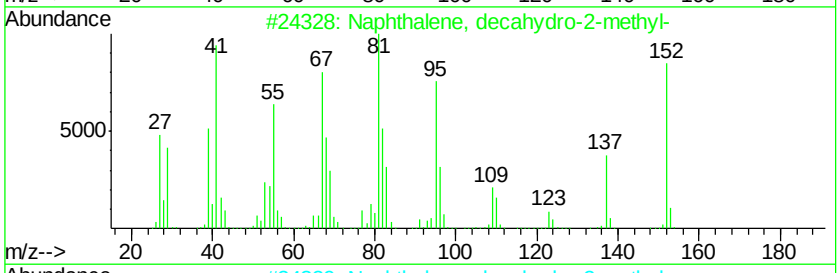
****

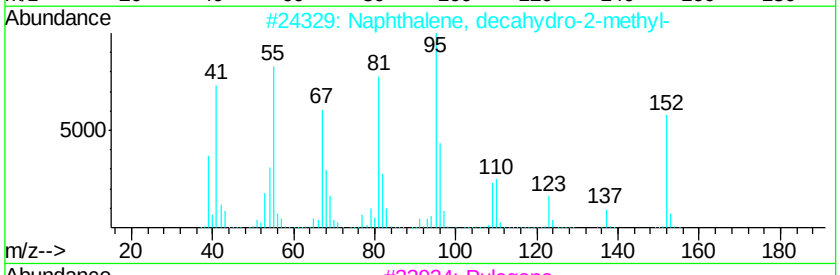
Peak Number 21 Naphthalene, decahydro-2-me... Concentration Rank 24

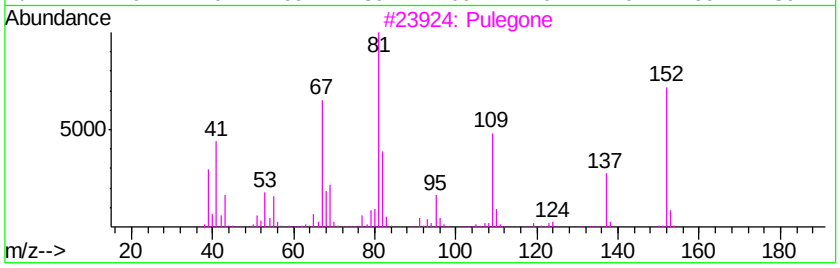
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	10.48 ng/ul	523520	Naphthalene-d8	10.27

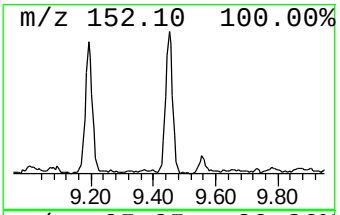
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	72
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68
3	Pulegone	152	C10H16O	000089-82-7	60
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	49
5	Spiro[4.5]decane	138	C10H18	000176-63-6	46

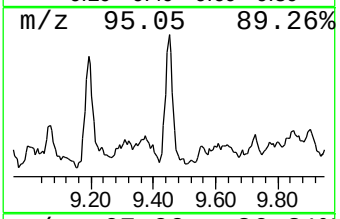


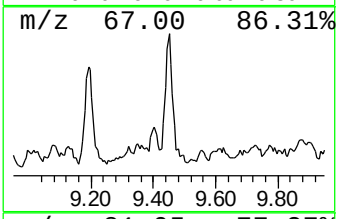


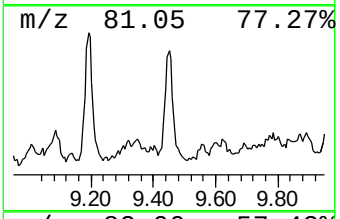


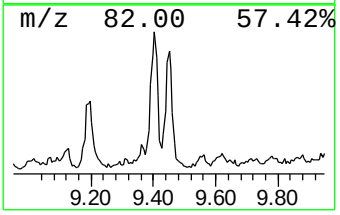












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

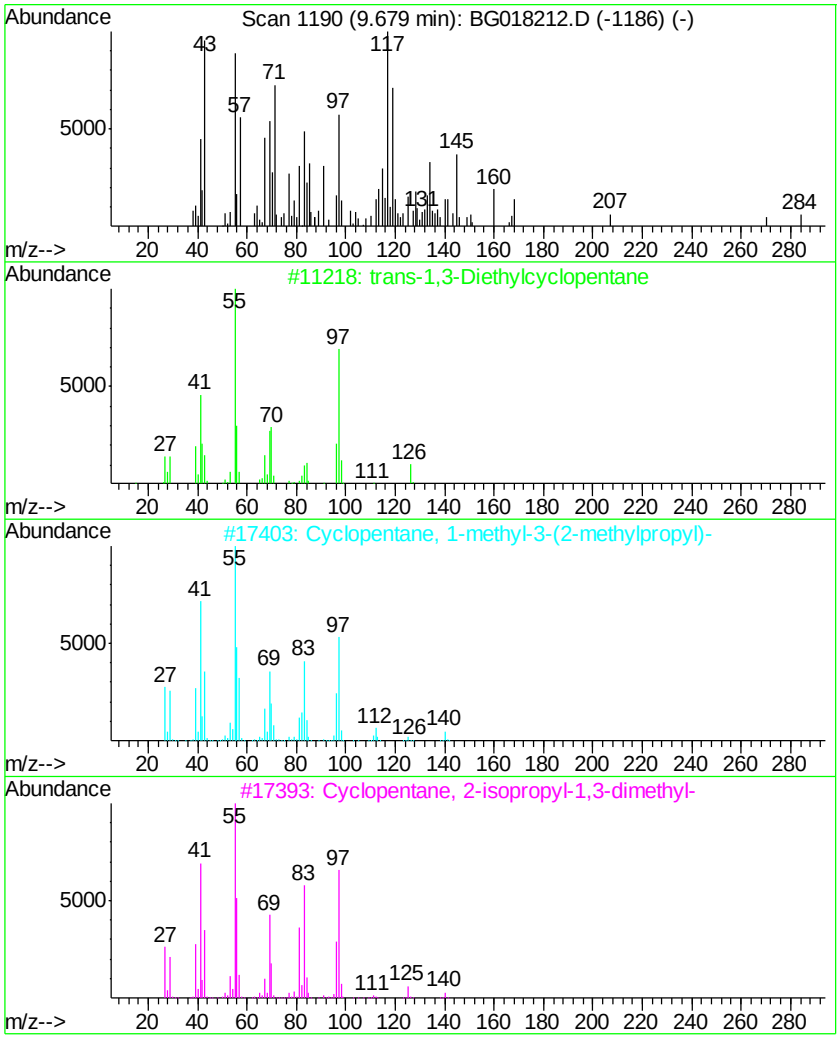
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

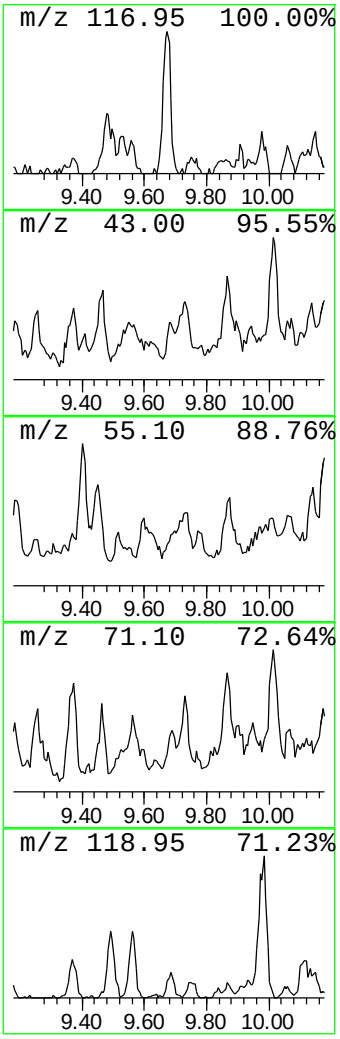
****

Peak Number 22 (DEL) Alkane: Cyclic9.68 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	2.25 ng/ul	112405	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	70
2	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	38
3	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	27
4	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	18
5	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

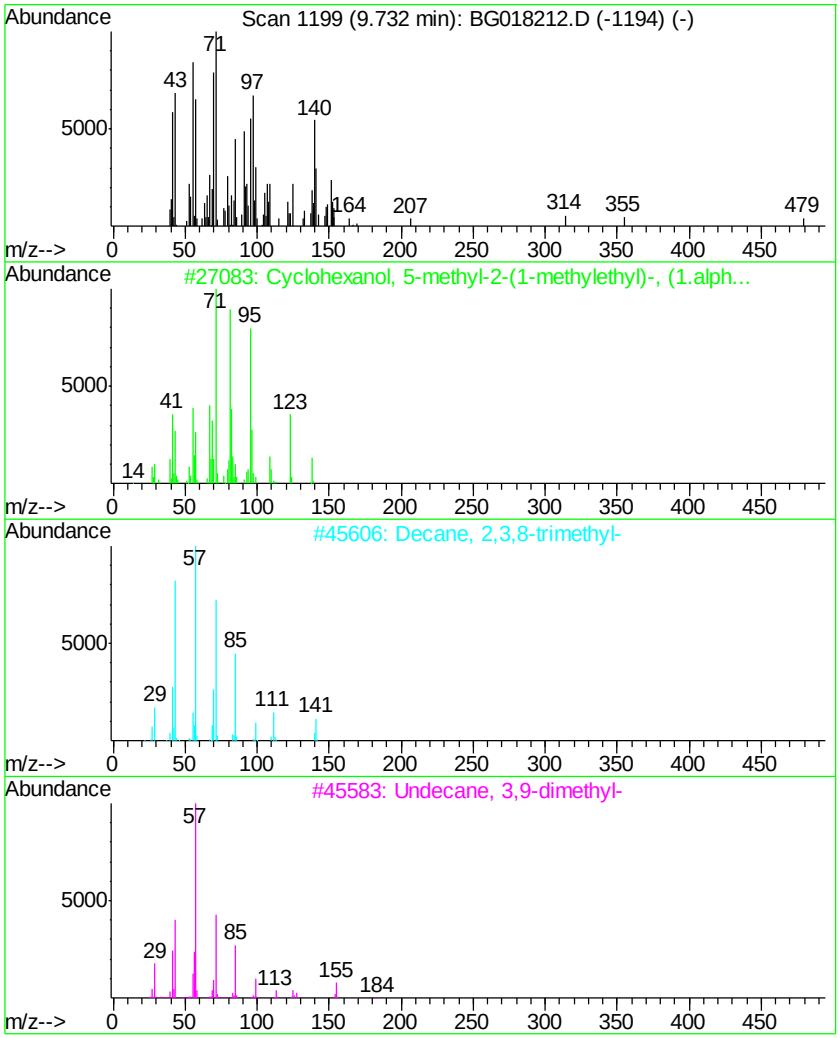
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

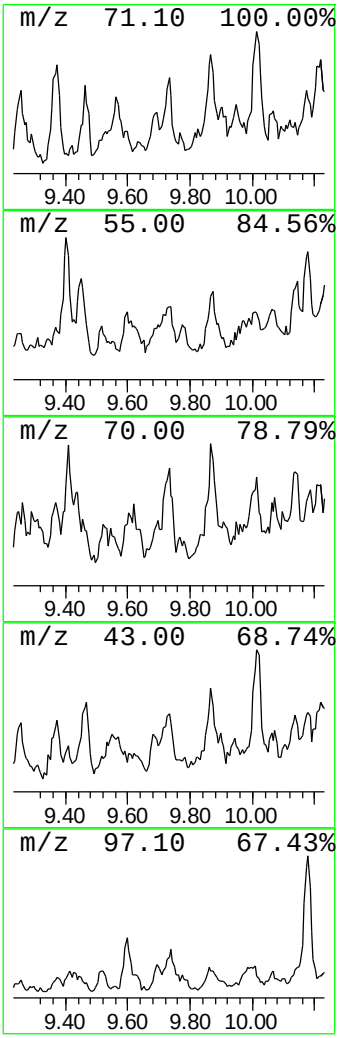
****

Peak Number 23 unknown-04 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	3.76 ng/ul	187850	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	38
2	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	22
3	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	14
4	Menthyl isovalerate	240	C15H28O2	016409-46-4	14
5	Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	005502-88-5	11





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

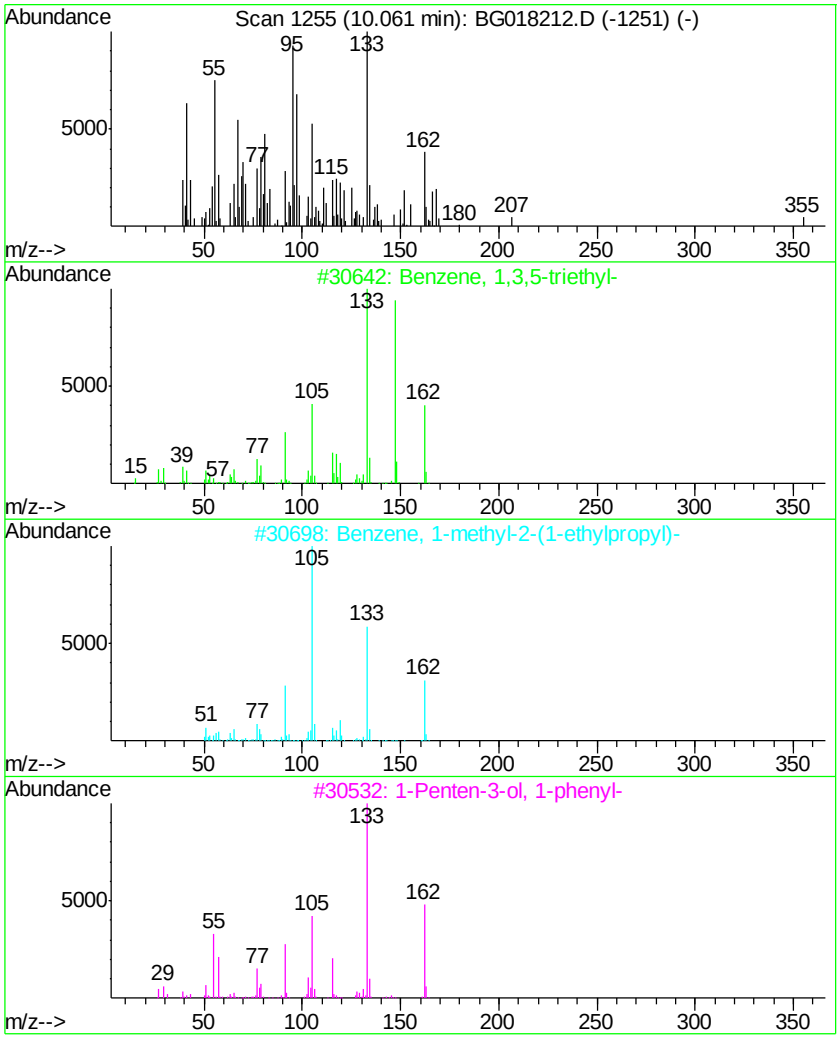
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

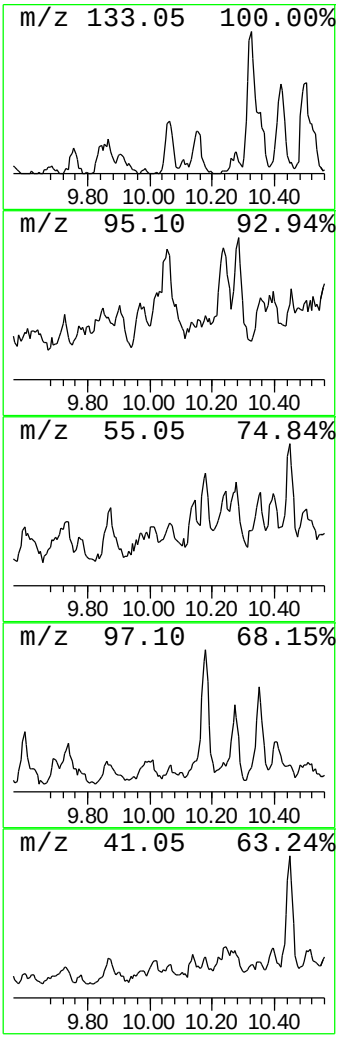
****

Peak Number 24 unknown-05 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	2.90 ng/ul	144942	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	38
2	Benzene, 1-methyl-2-(1-ethylprop...	162	C12H18	054410-74-1	27
3	1-Penten-3-ol, 1-phenyl-	162	C11H14O	034862-94-7	25
4	Phenol, 4-cyclopentyl-	162	C11H14O	001518-83-8	22
5	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	15





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

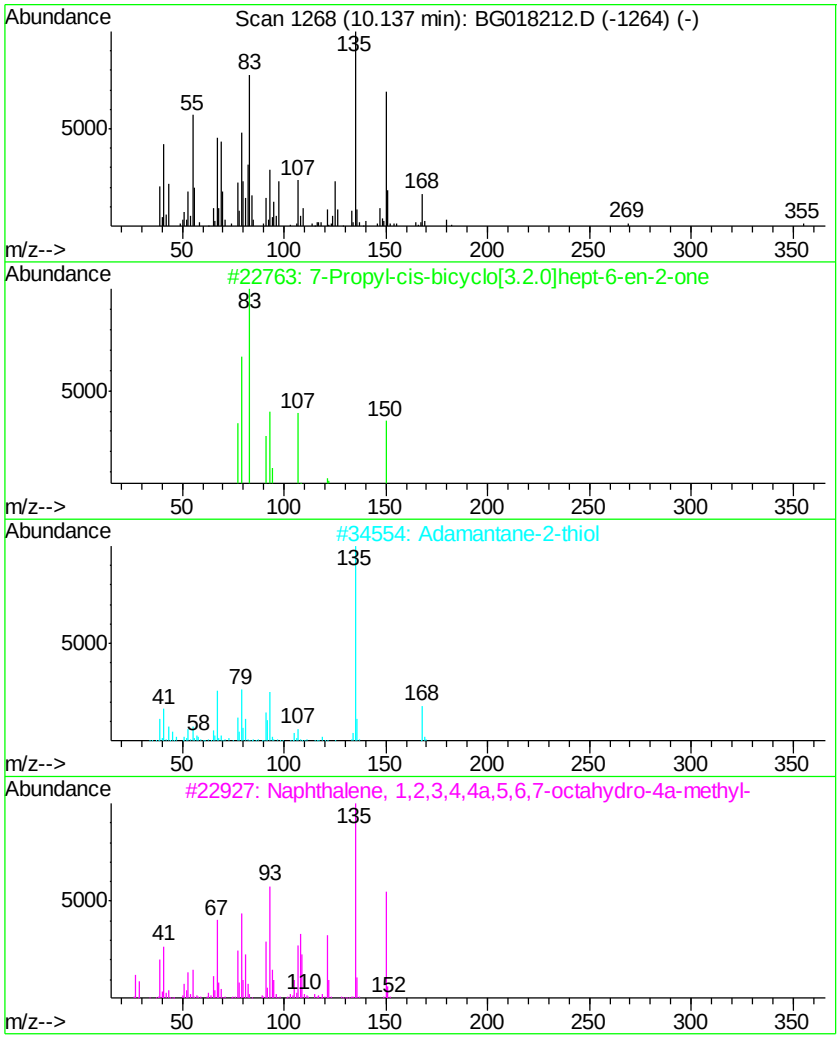
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

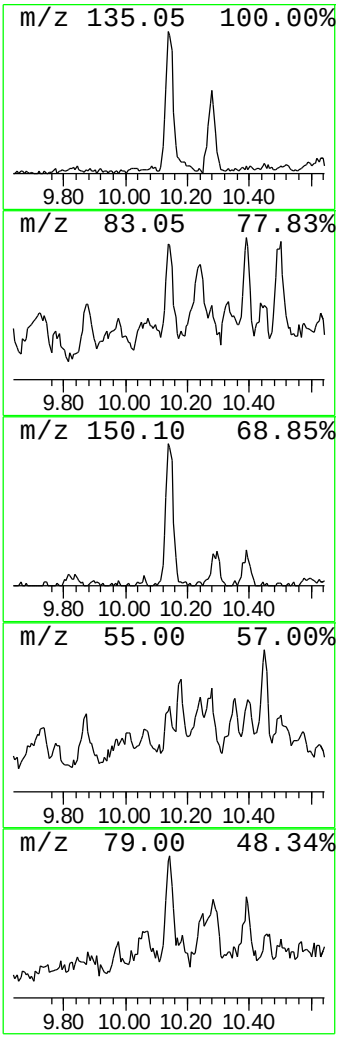
****

Peak Number 25 7-Propyl-cis-bicyclo[3.2.0]... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	4.40 ng/ul	219529	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Propyl-cis-bicyclo[3.2.0]hept-...	150	C10H14O	054396-45-1	55
2	Adamantane-2-thiol	168	C10H16S	023695-66-1	52
3	Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	49
4	Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	41
5	Phenol, 2,3,5,6-tetramethyl-	150	C10H14O	000527-35-5	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

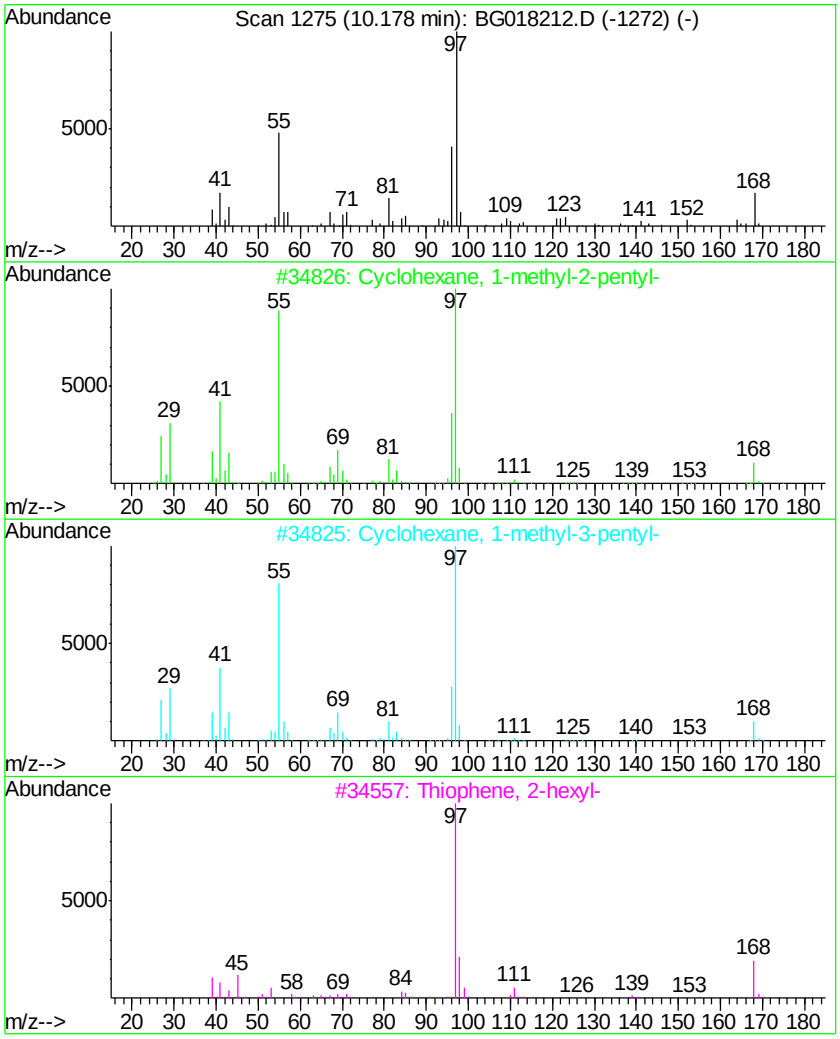
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

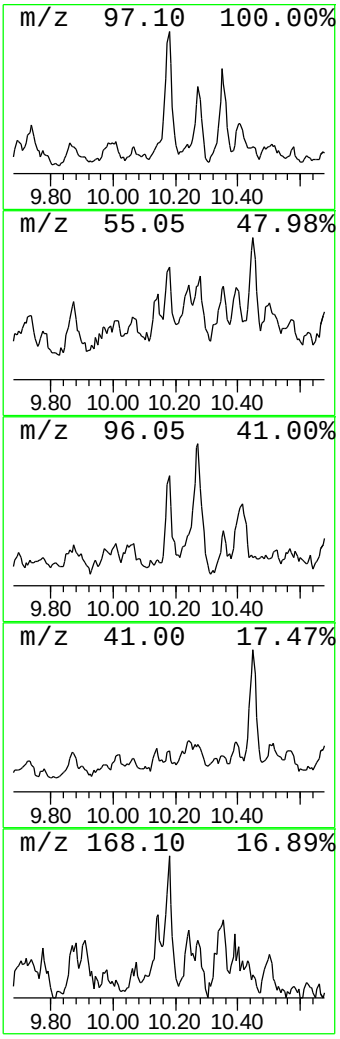
****

Peak Number 26 (DEL) Alkane: Cyclic10.18 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	2.34 ng/ul	116958	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	64
2	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	50
3	Thiophene, 2-hexyl-	168	C10H16S	018794-77-9	47
4	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	45
5	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	40





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

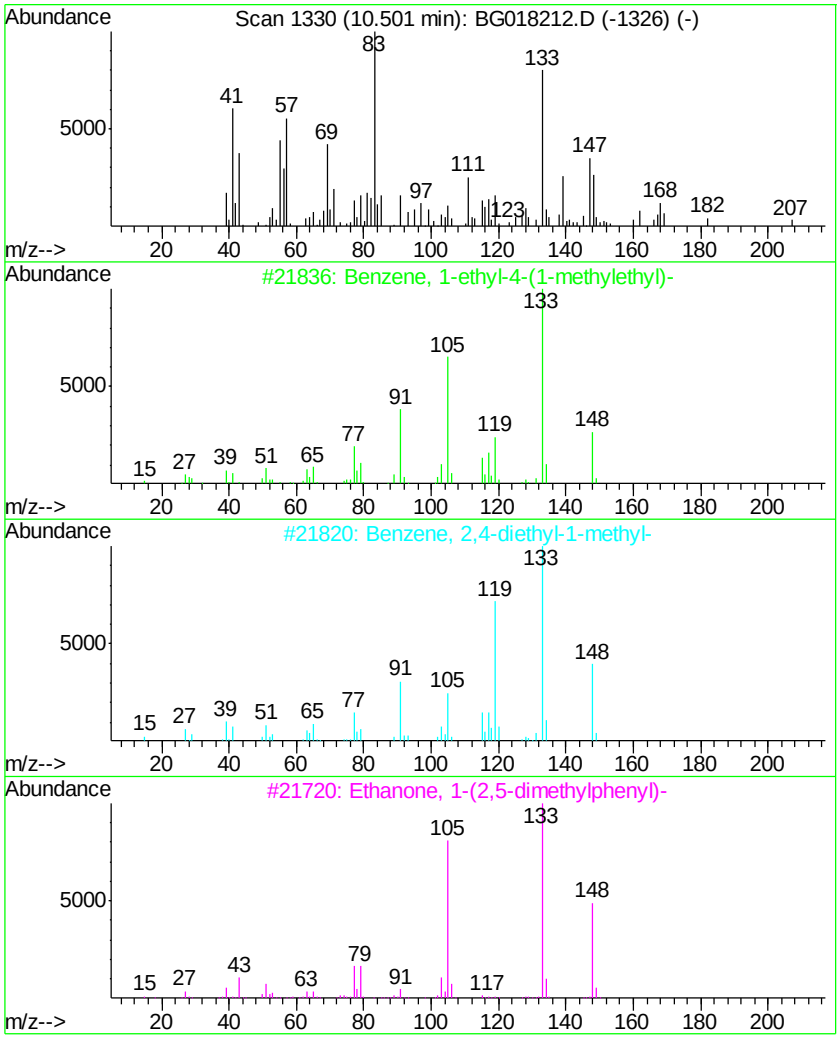
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

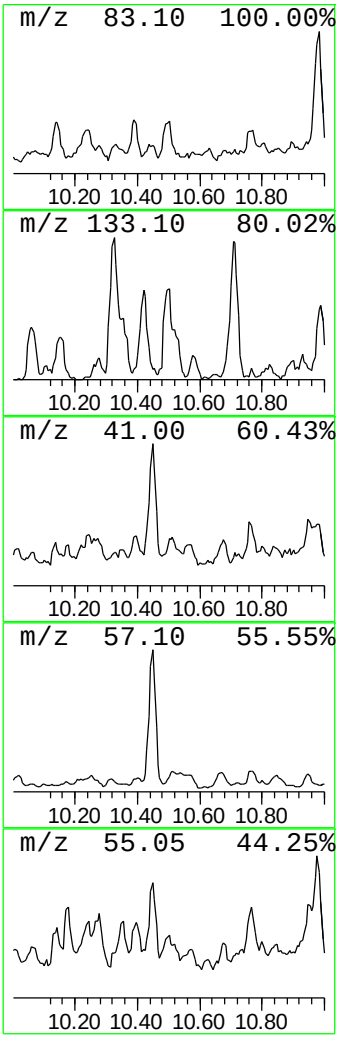
****

Peak Number 27 unknown-06 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	3.18 ng/ul	158738	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	42
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	42
3	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	38
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

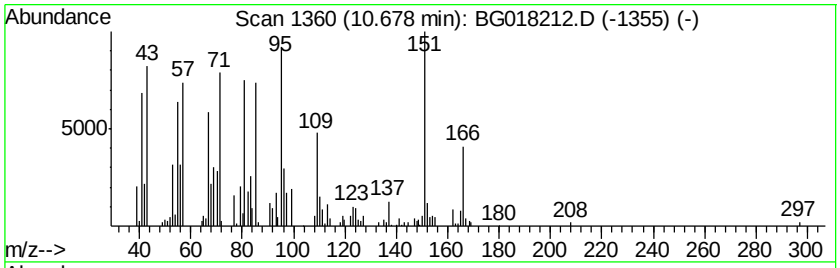
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

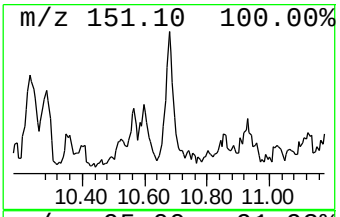
****

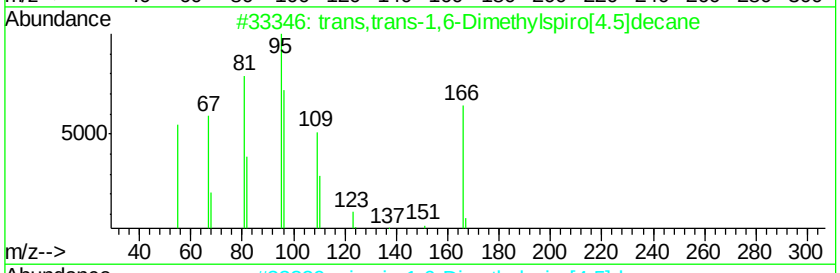
Peak Number 28 unknown-07 Concentration Rank 48

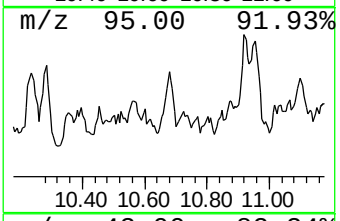
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	3.83 ng/ul	191414	Naphthalene-d8	10.27

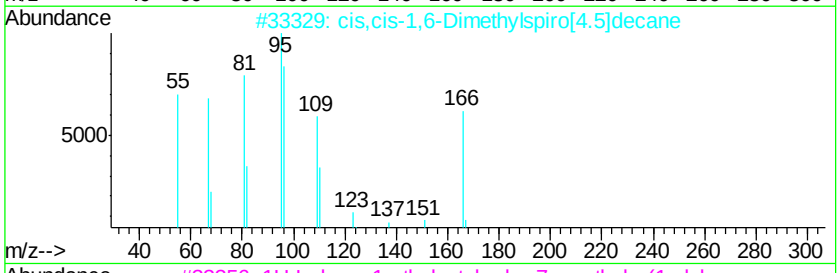
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	45
2	cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	43
3	1H-Indene, 1-ethyloctahydro-7a-m...	166	C12H22	056324-71-1	38
4	2(1H)-Naphthalenone, octahydro-8...	166	C11H18O	001197-95-1	30
5	3-Dodecyne	166	C12H22	006790-27-8	25

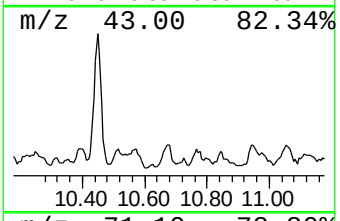


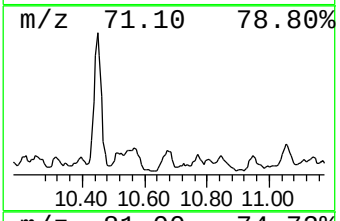


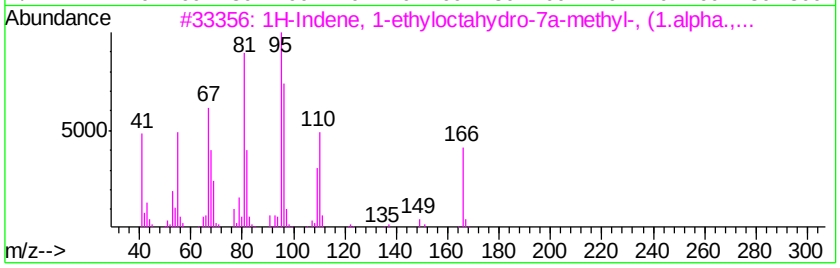


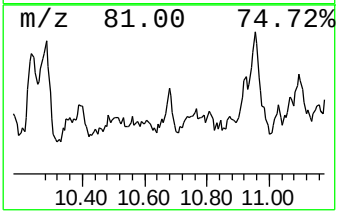












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

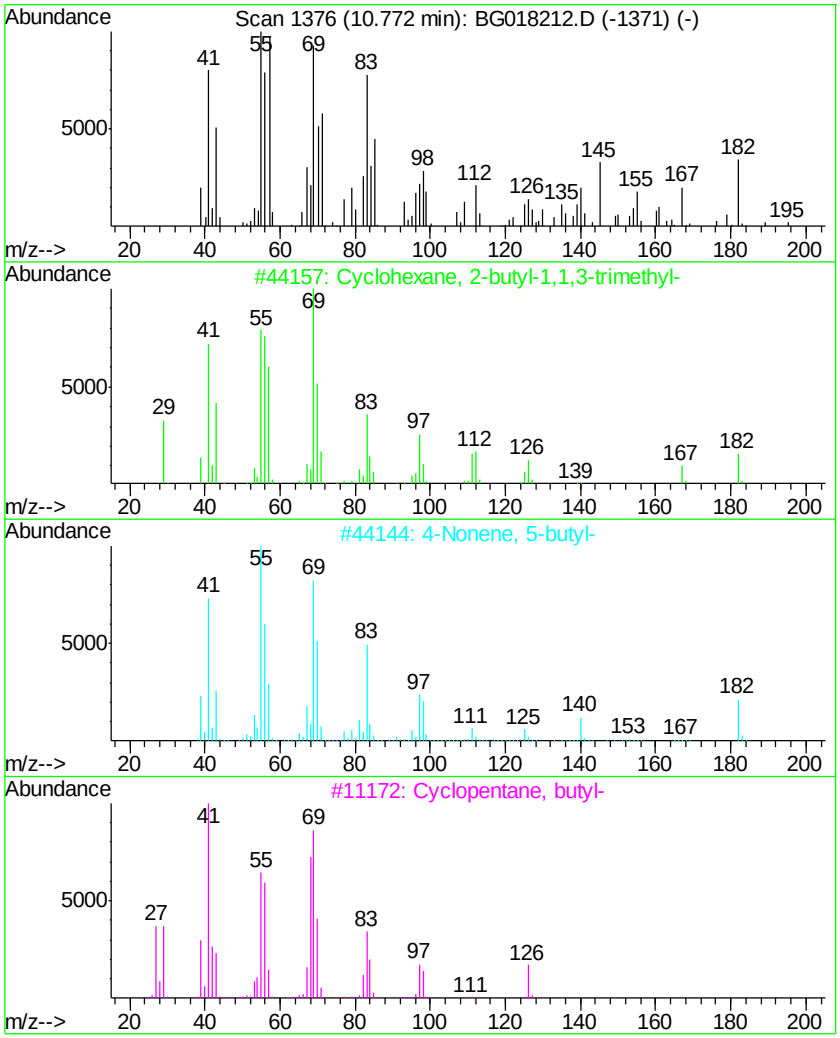
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

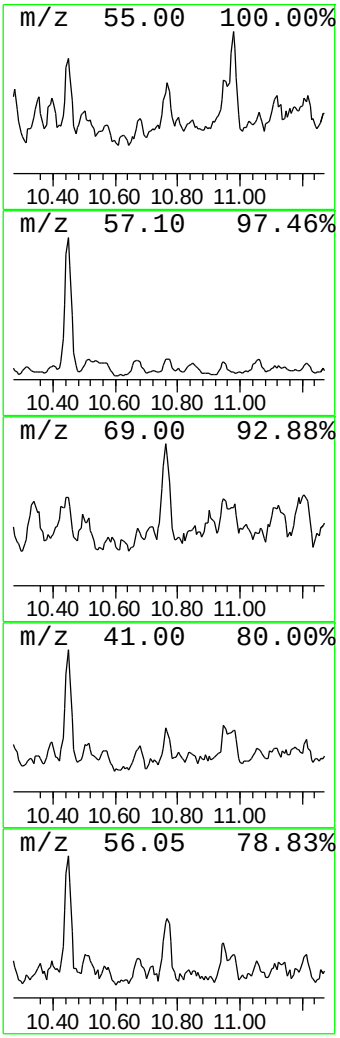
****

Peak Number 29 (DEL) Alkane: Cyclic10.77 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	4.10 ng/ul	204813	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	83
2	4-Nonene, 5-butyl-	182	C13H26	007367-38-6	76
3	Cyclopentane, butyl-	126	C9H18	002040-95-1	70
4	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	52
5	3-Trifluoroacetoxytetradecane	310	C16H29F3O2	1000245-47-5	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

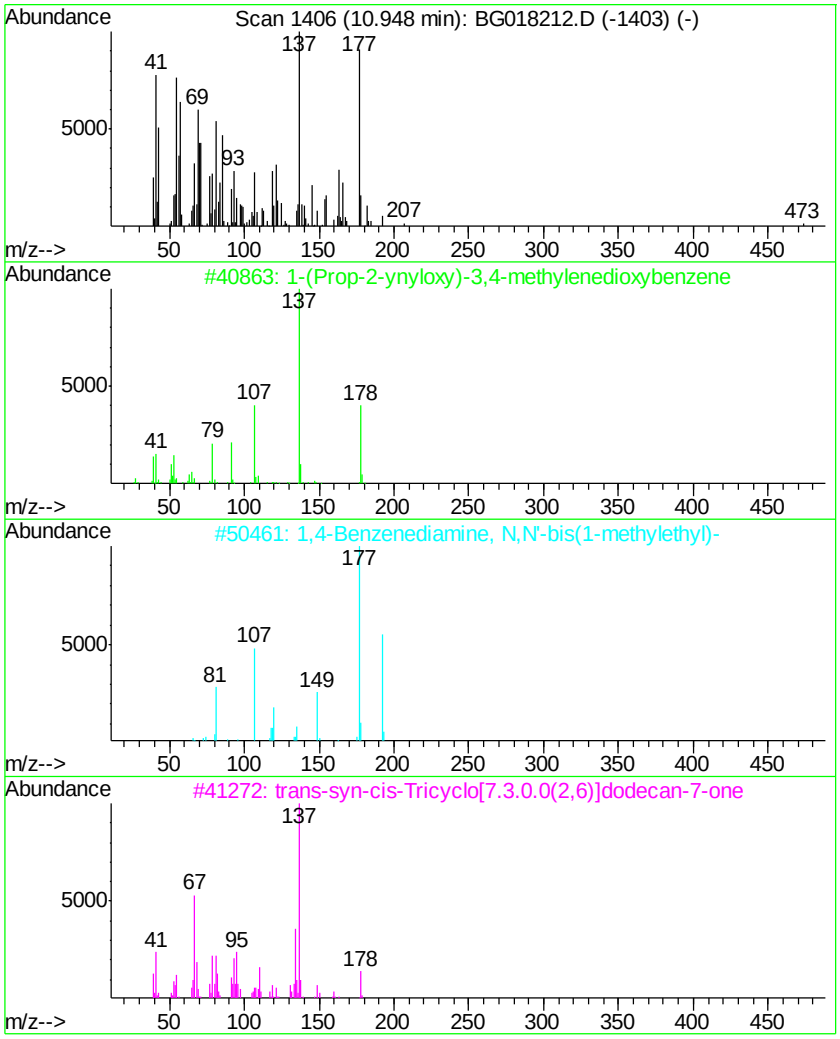
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

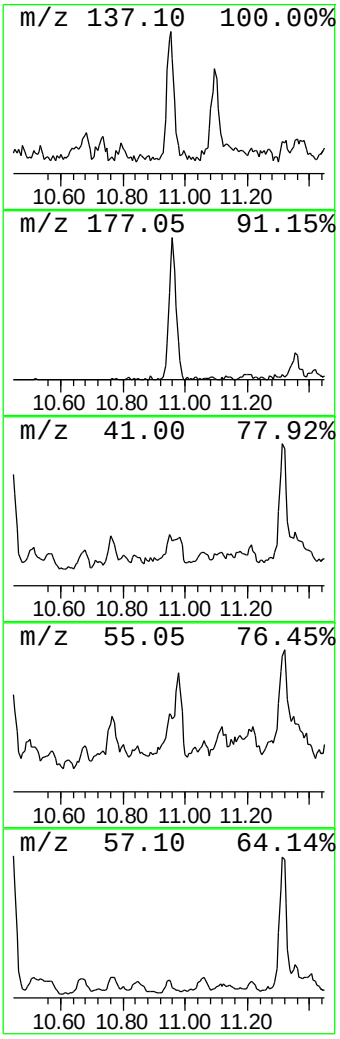
****

Peak Number 30 unknown-08 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	5.66 ng/ul	282750	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Prop-2-ynyloxy)-3,4-methylene...	178	C10H10O3	019202-22-3	30
2	1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	27
3	trans-syn-cis-Tricyclo[7.3.0.0(2...	178	C12H18O	073306-78-2	25
4	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	000079-77-6	18
5	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

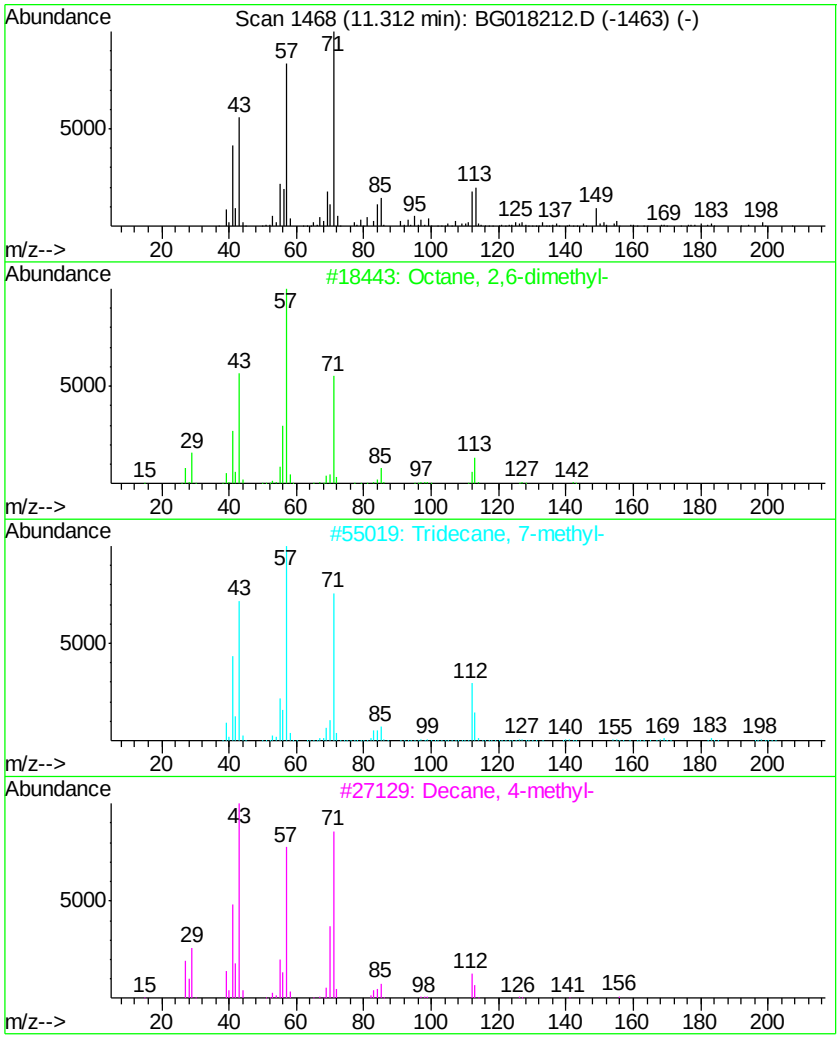
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

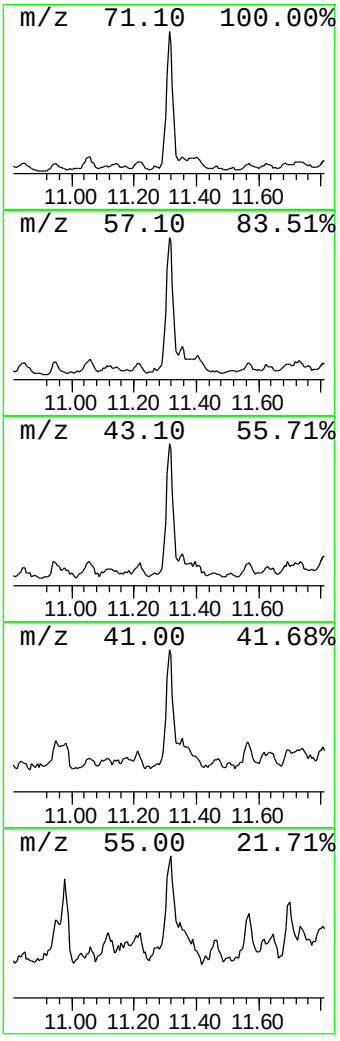
****

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	22.70 ng/ul	1133760	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Tridecane, 7-methyl-	198	C14H30	026730-14-3	68
3	Decane, 4-methyl-	156	C11H24	002847-72-5	59
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	53
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

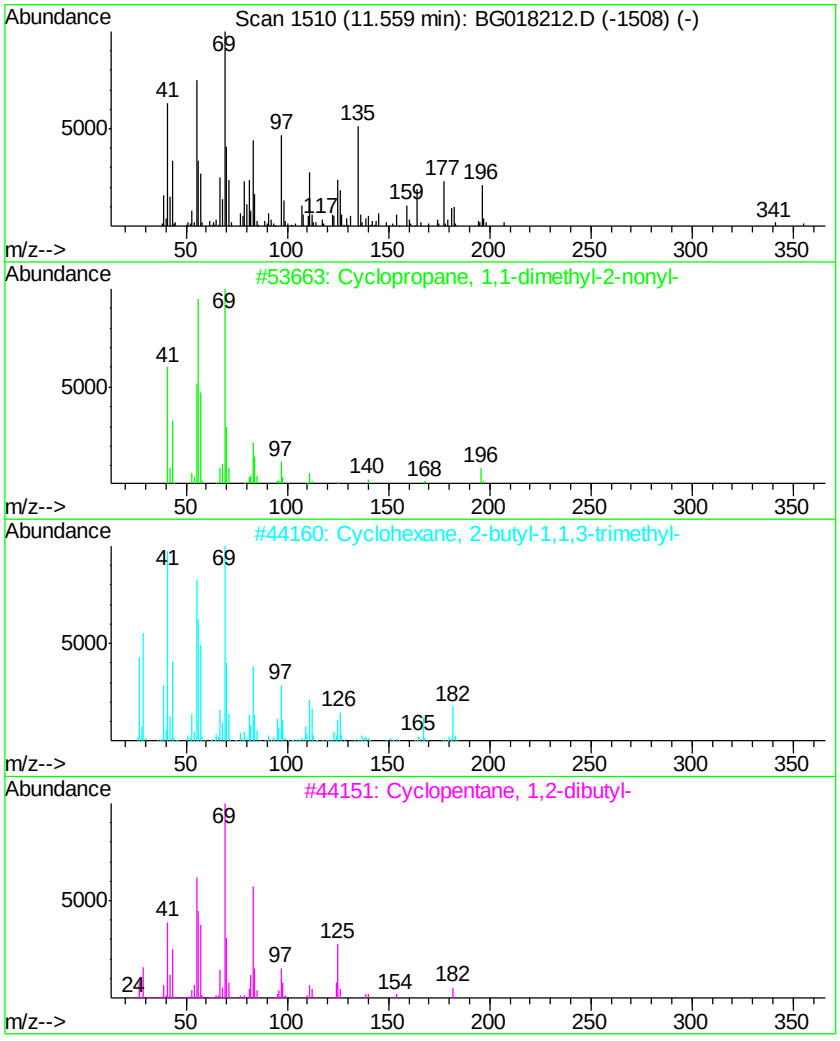
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

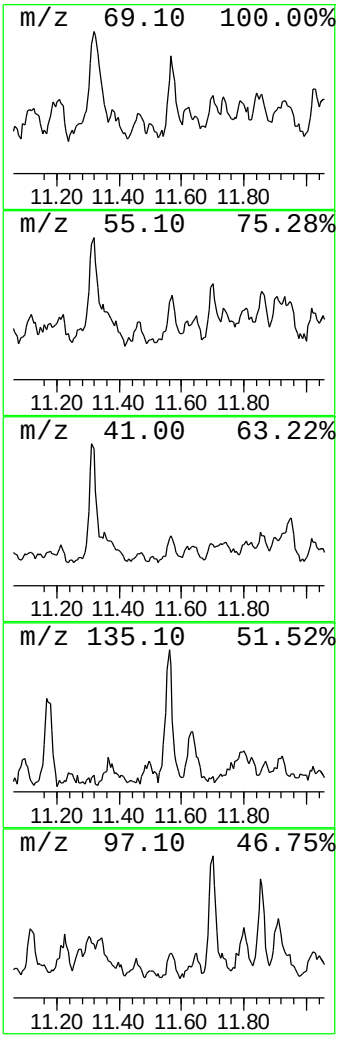
****

Peak Number 32 (DEL) Alkane: Cyclic11.56 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	4.28 ng/ul	213549	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	60
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	58
3	Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	53
4	Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	50
5	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

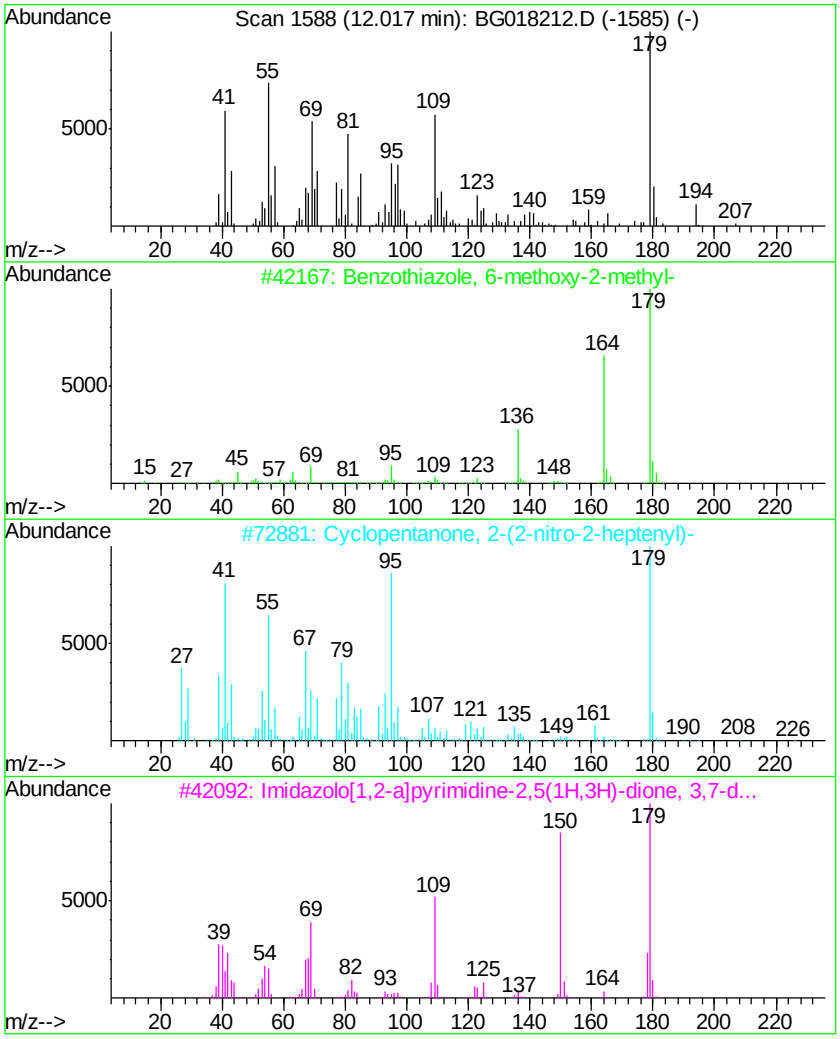
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

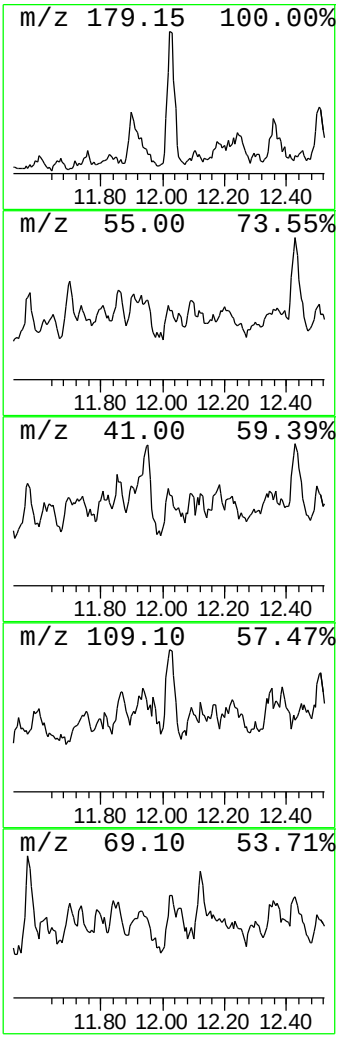
****

Peak Number 33 unknown-09 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	5.46 ng/ul	272599	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole, 6-methoxy-2-methyl-	179	C9H9NOS	002941-72-2	35
2	Cyclopentanone, 2-(2-nitro-2-hep...	225	C12H19NO3	104313-57-7	25
3	Imidazolo[1,2-a]pyrimidine-2,5(1...	179	C8H9N3O2	053854-19-6	25
4	Benzoic acid, 2-acetyl-3-methoxy-	194	C10H10O4	120714-42-3	25
5	1,2-Butadiene, 1,1,4-triphenyl-3...	442	C28H34OSi2	1000160-86-4	22





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

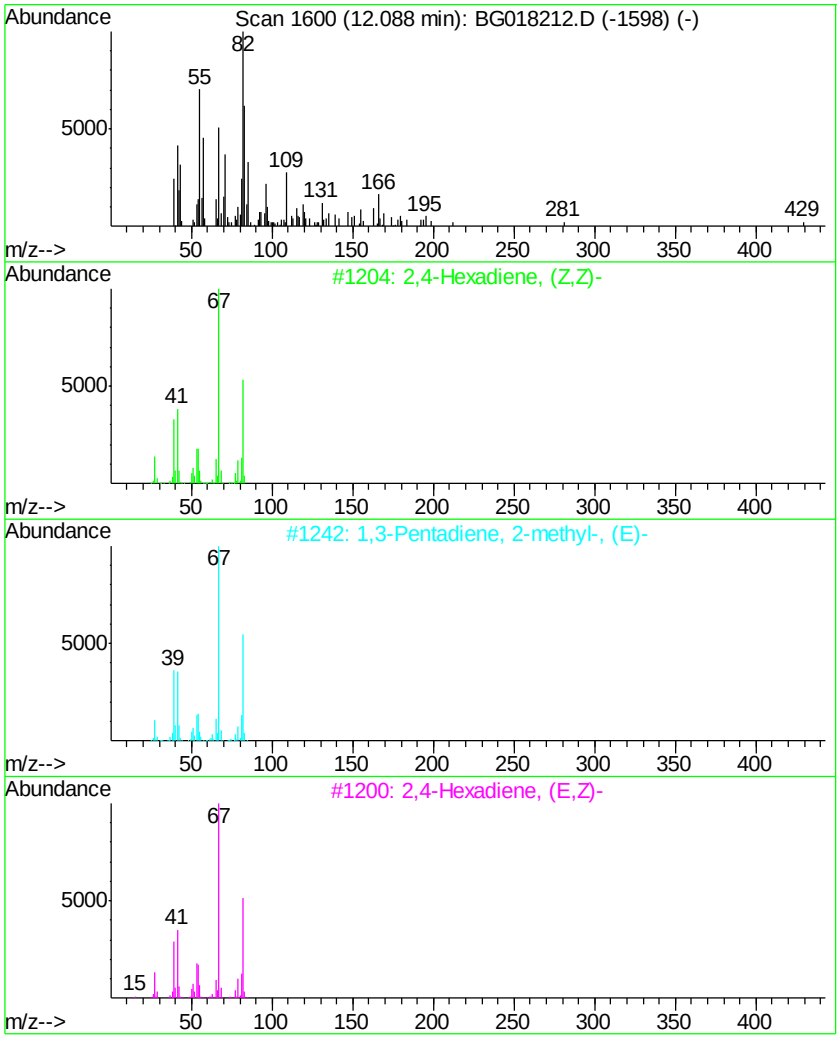
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

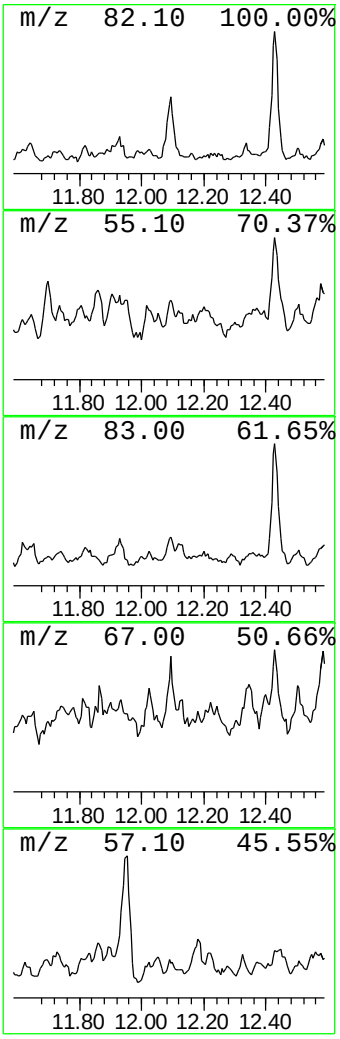
****

Peak Number 34 unknown-10 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	2.24 ng/ul	111731	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, (Z,Z)-	82	C6H10	006108-61-8	30
2	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	30
3	2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	30
4	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	30
5	1,3-Pentadiene, 2-methyl-	82	C6H10	001118-58-7	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

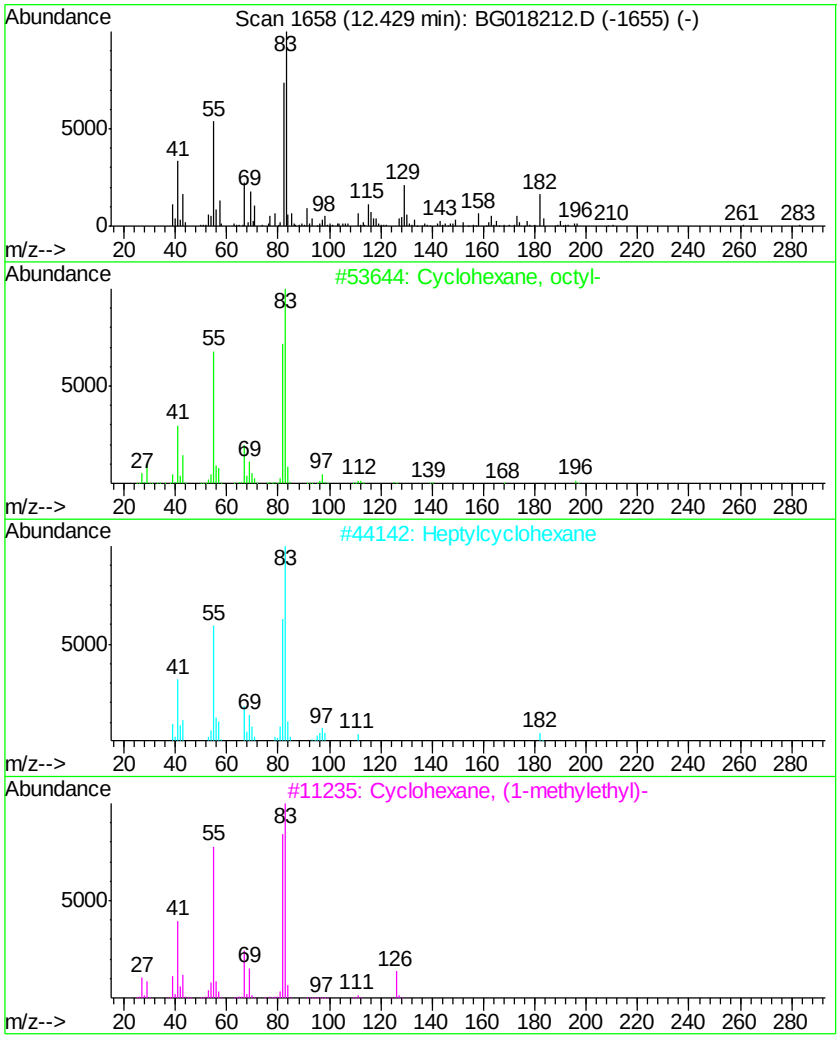
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

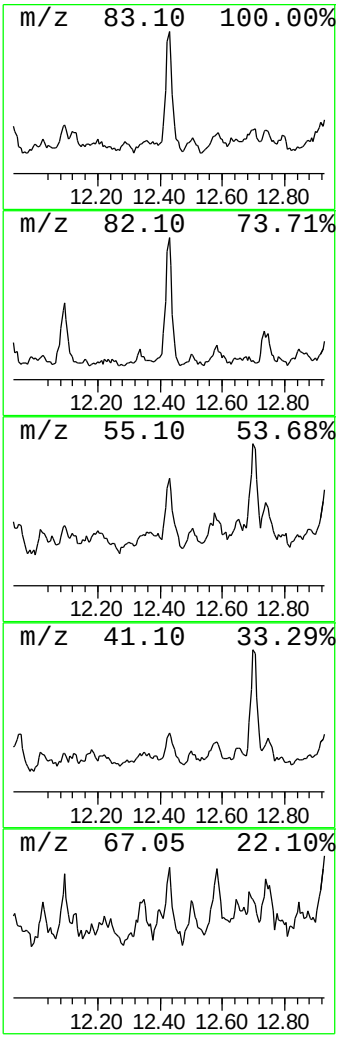
****

Peak Number 35 (DEL) Alkane: Cyclic12.43 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	11.09 ng/ul	412631	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	68
2	Heptylcyclohexane	182	C13H26	005617-41-4	64
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

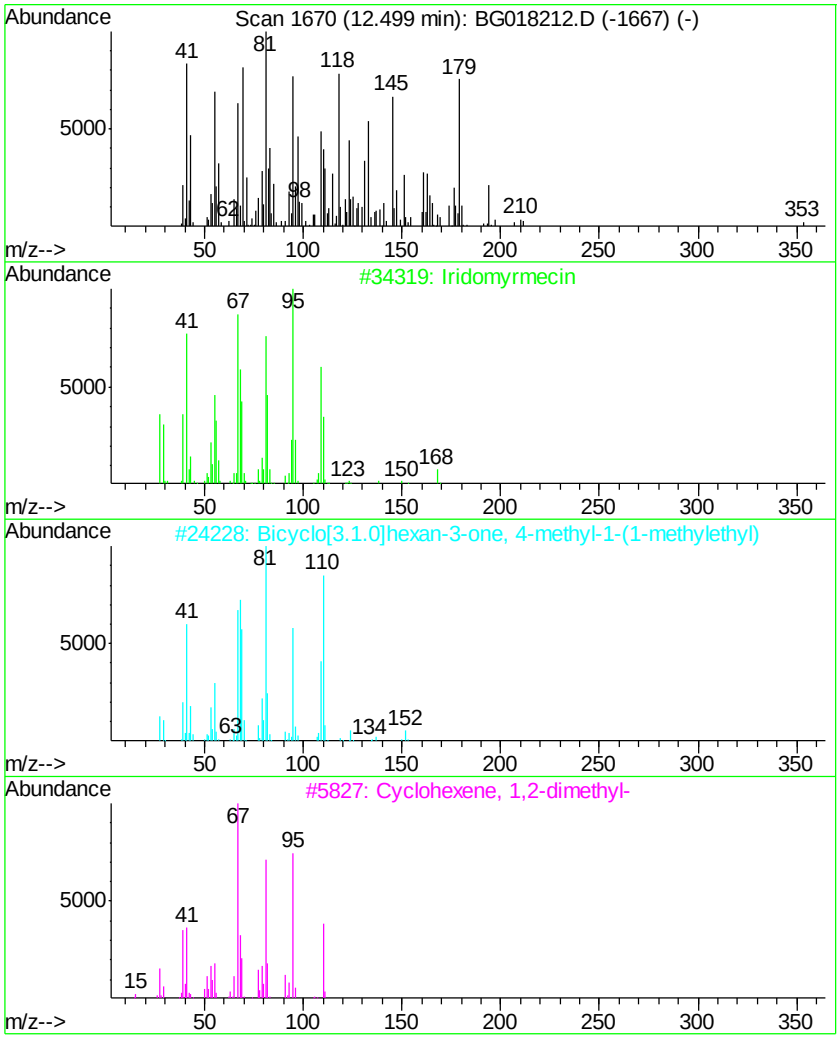
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

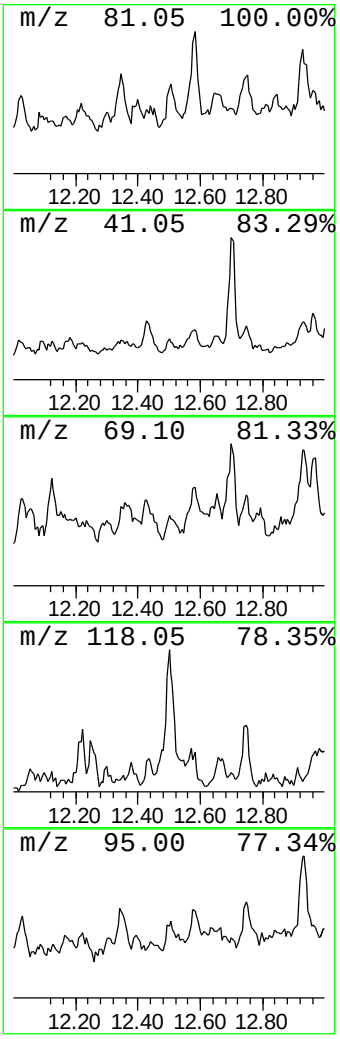
****

Peak Number 36 unknown-11 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	5.21 ng/ul	193921	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Iridomyrmecin	168	C10H16O2	000485-43-8	25
2	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	15
3	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	15
4	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	15
5	Isoxazole, 3,4-dimethyl-5-(2-thi...	179	C9H9NOS	056421-65-9	15





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

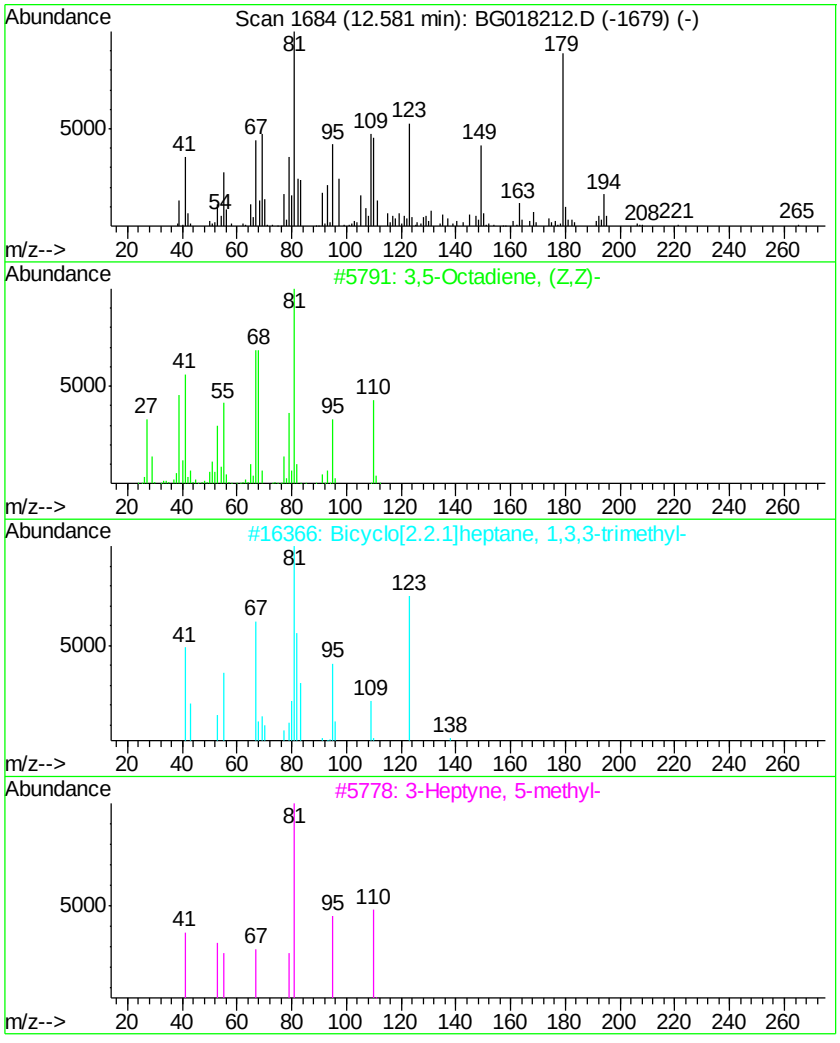
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

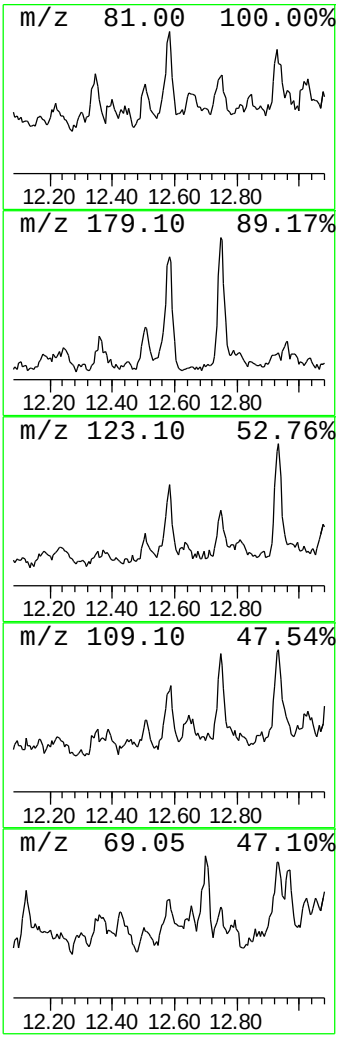
****

Peak Number 37 unknown-12 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	10.81 ng/ul	402262	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Octadiene, (Z,Z)-	110	C8H14	007348-80-3	35
2	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	35
3	3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	27
4	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	27
5	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

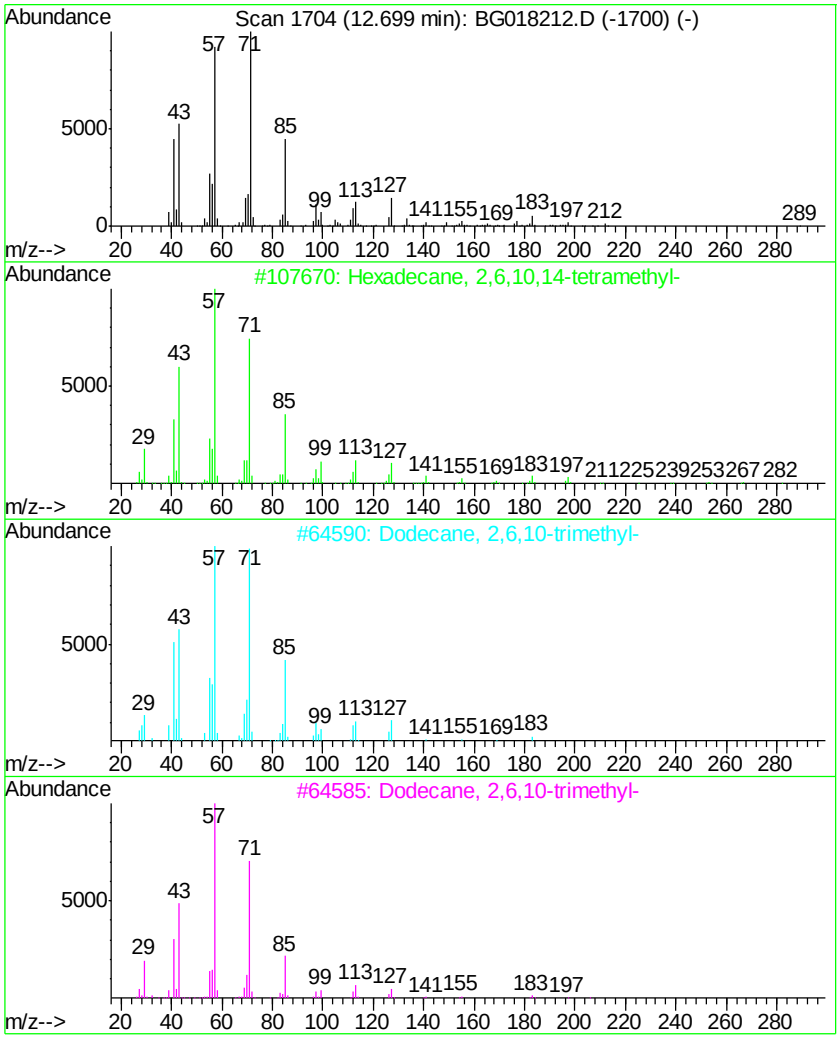
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

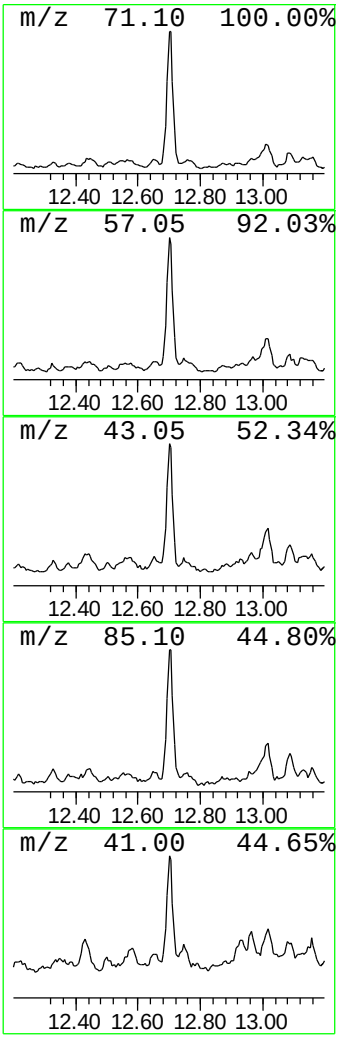
****

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	23.65 ng/ul	880024	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

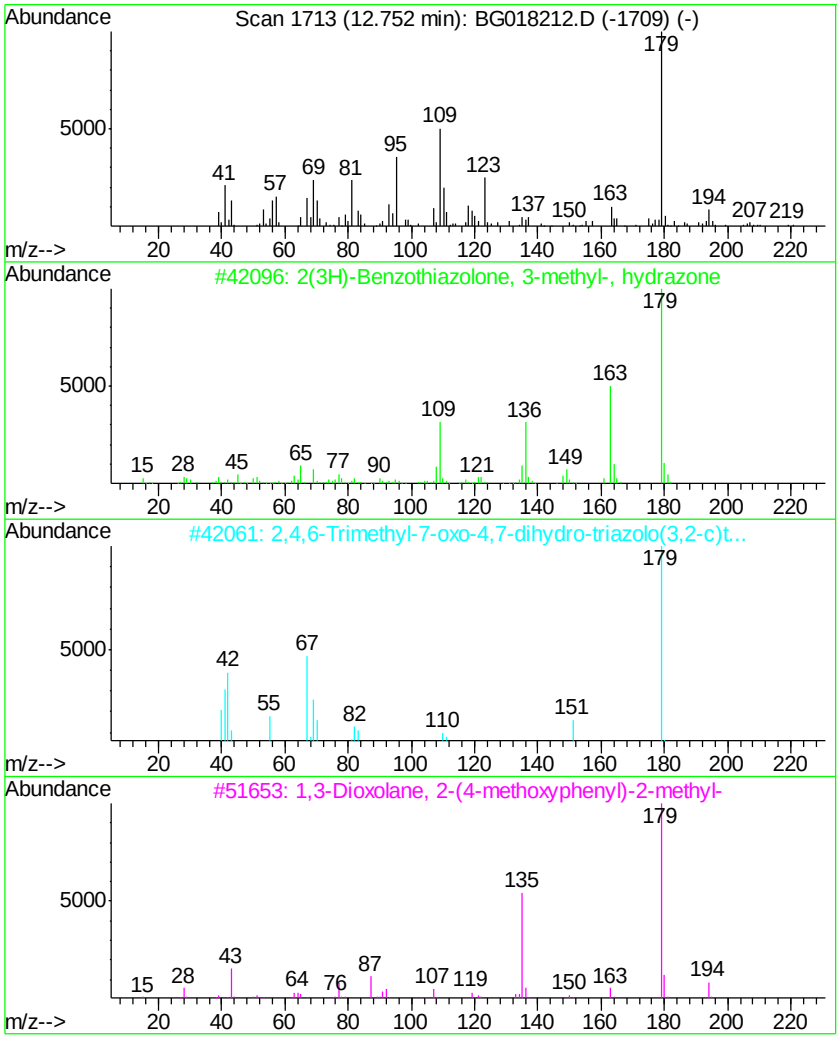
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

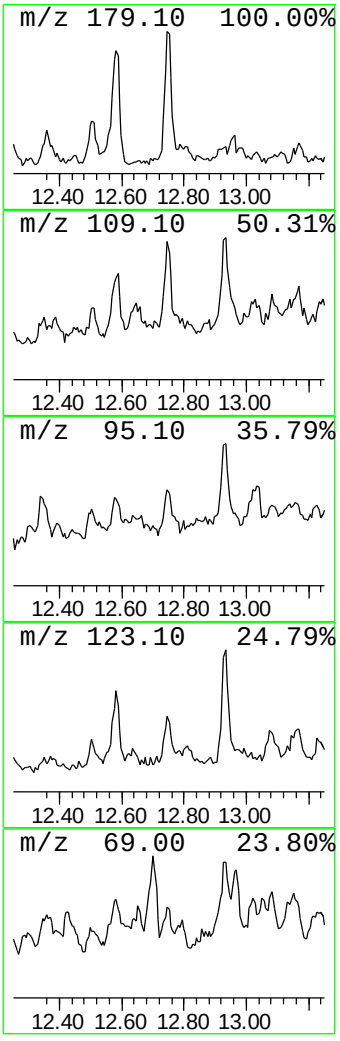
****

Peak Number 39 unknown-13 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	8.08 ng/ul	300535	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone, 3-methyl-...	179	C8H9N3S	001128-67-2	43
2	2,4,6-Trimethyl-7-oxo-4,7-dihydr...	179	C7H9N5O	025623-78-3	30
3	1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	30
4	1H-Indene, octahydro-2,3a,4-trim...	208	C15H28	031230-13-4	27
5	Benzoic acid, 2-acetyl-3-methoxy-	194	C10H10O4	120714-42-3	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

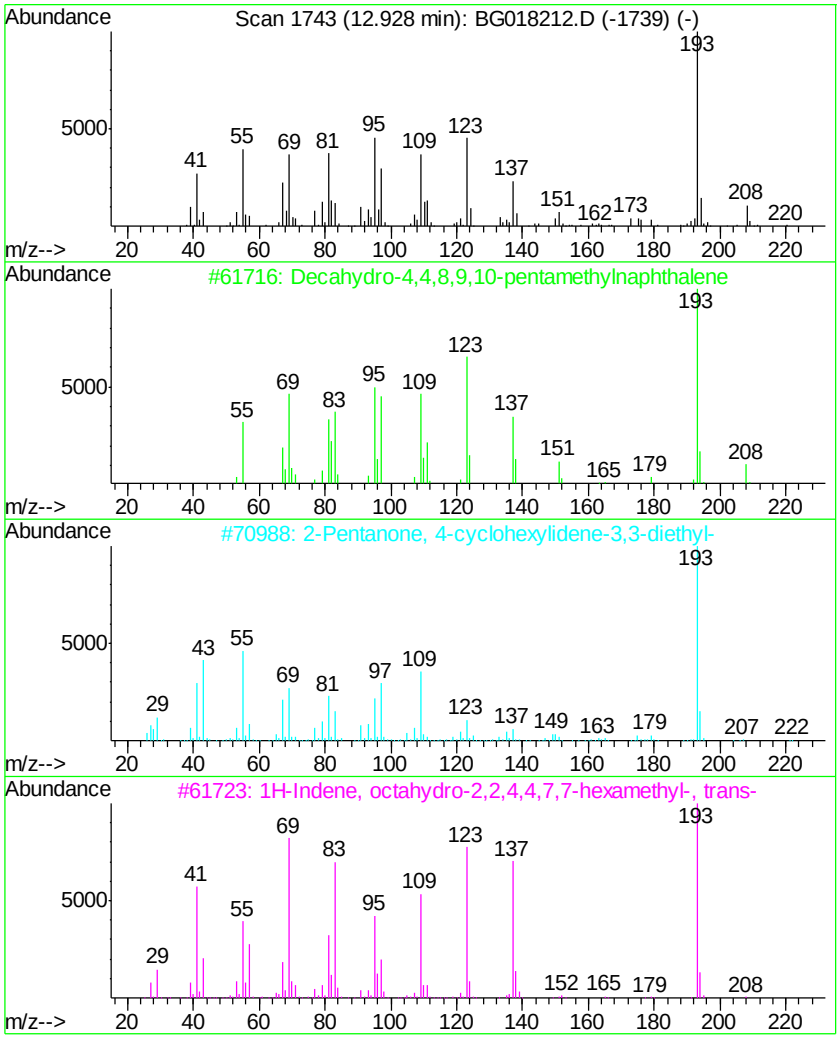
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

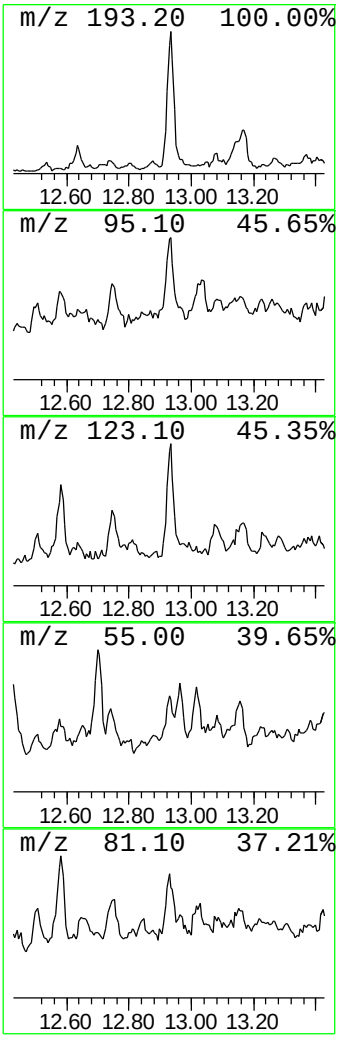
****

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	10.81 ng/ul	402190	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	98
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	43
3	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	38
4	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	37
5	Arsenous acid, tripropyl ester	252	C9H21AsO3	015606-91-4	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

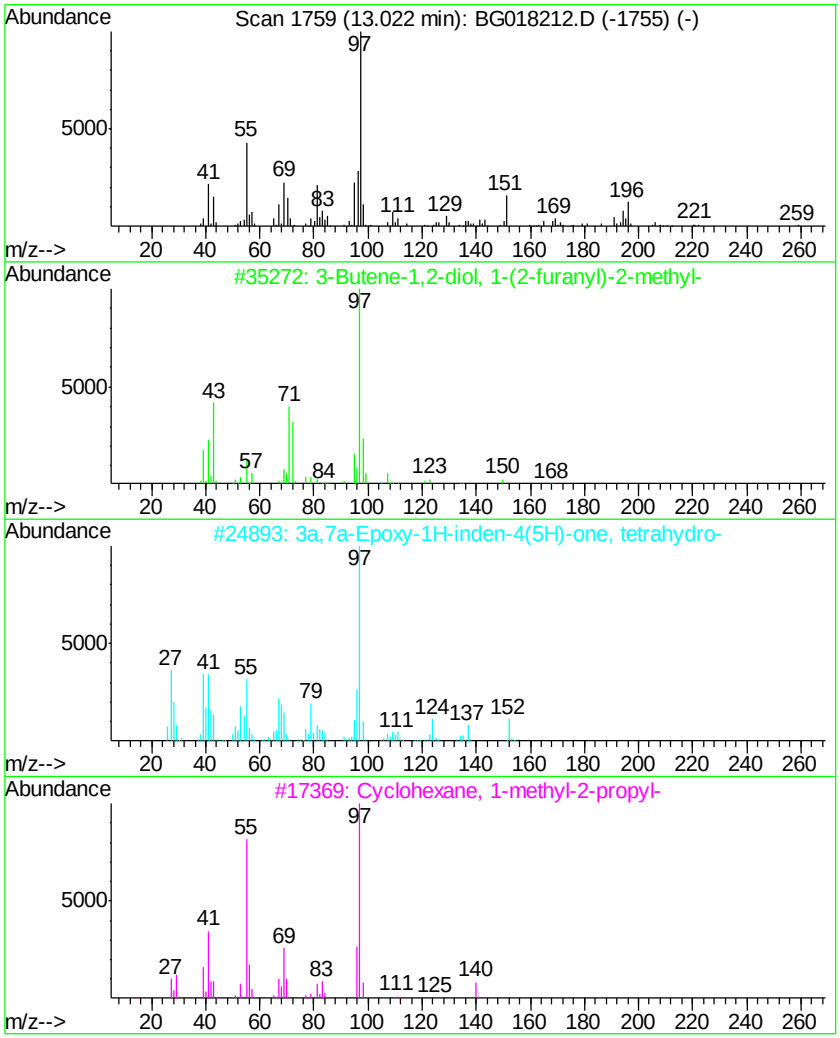
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

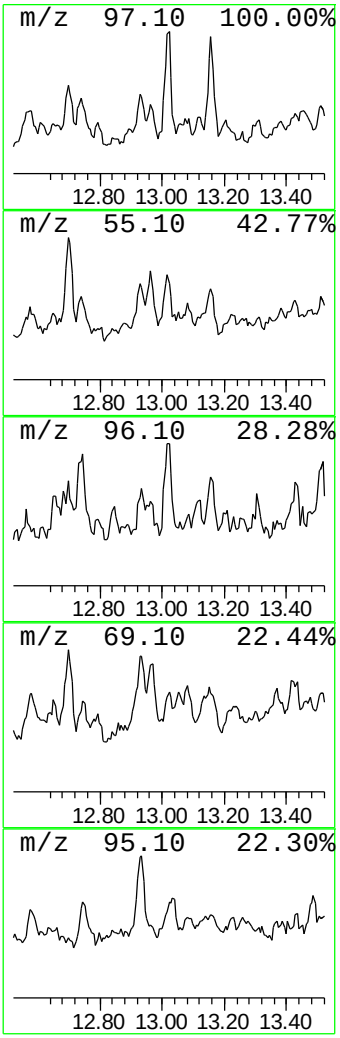
****

Peak Number 41 unknown-14 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	4.67 ng/ul	173653	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Butene-1,2-diol, 1-(2-furanyl)...	168	C9H12O3	018927-20-3	47
2	3a,7a-Epoxy-1H-inden-4(5H)-one, ...	152	C9H12O2	039746-31-1	47
3	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	46
4	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	43
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

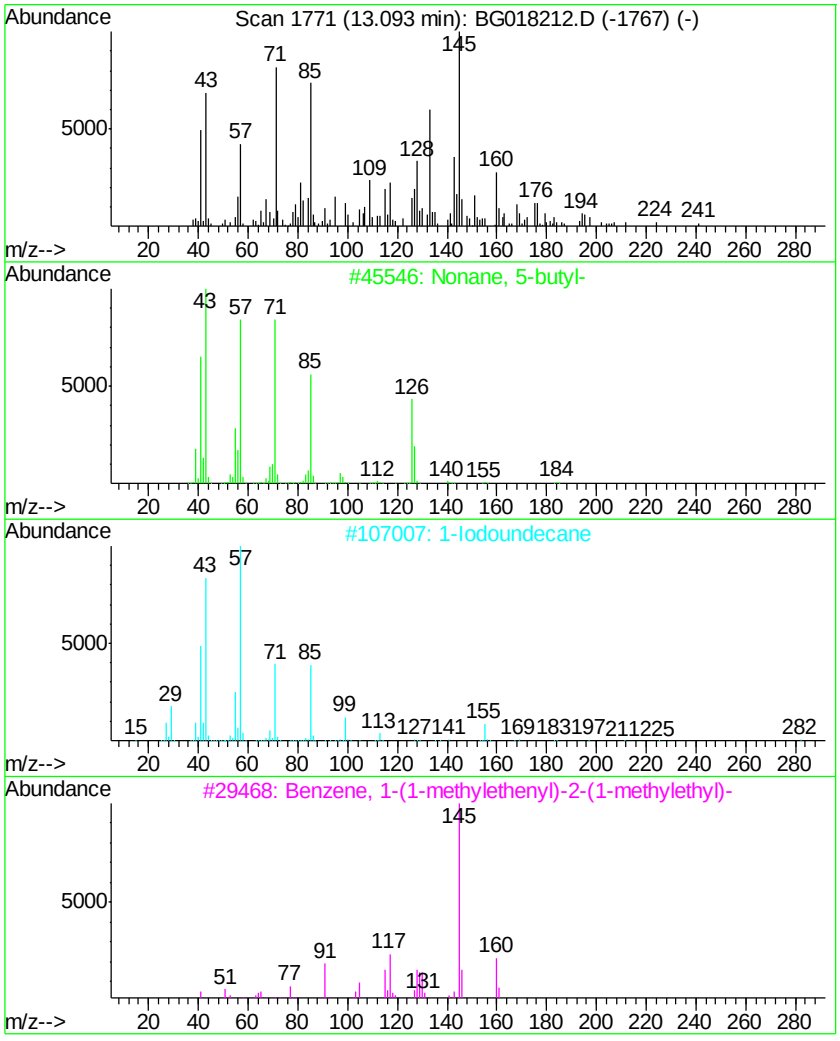
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

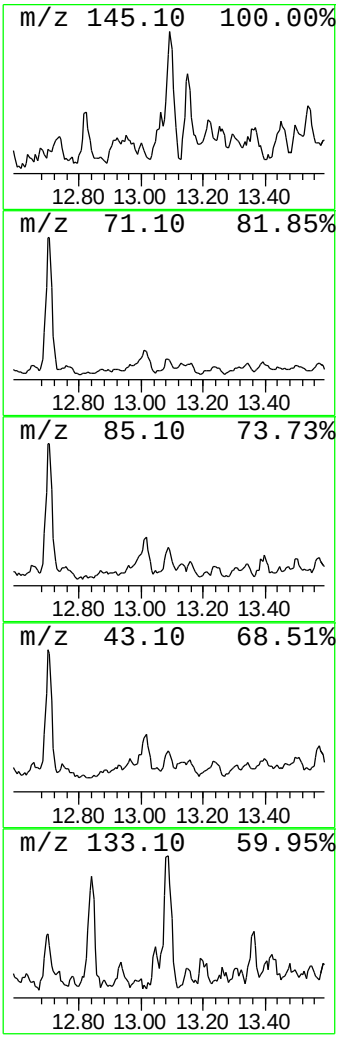
****

Peak Number 42 unknown-15 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	6.63 ng/ul	246616	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	30
2	1-Iodoundecane	282	C11H23I	004282-44-4	22
3	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	18
4	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	15
5	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	11





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

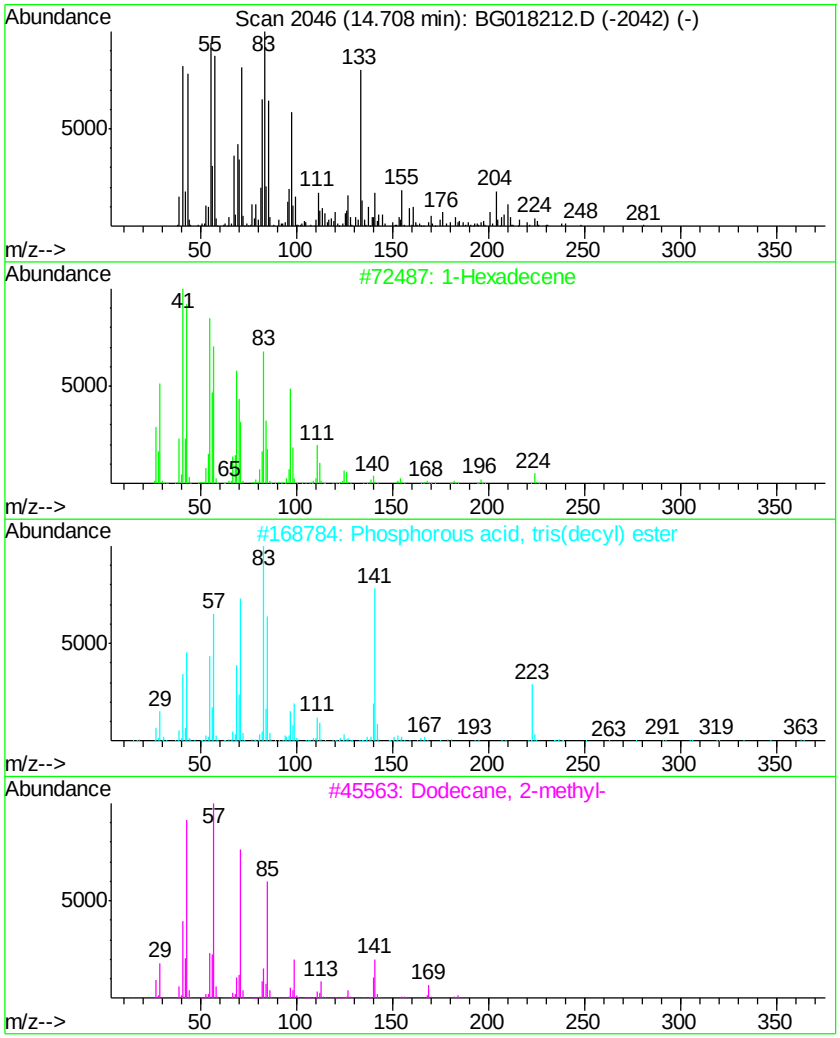
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

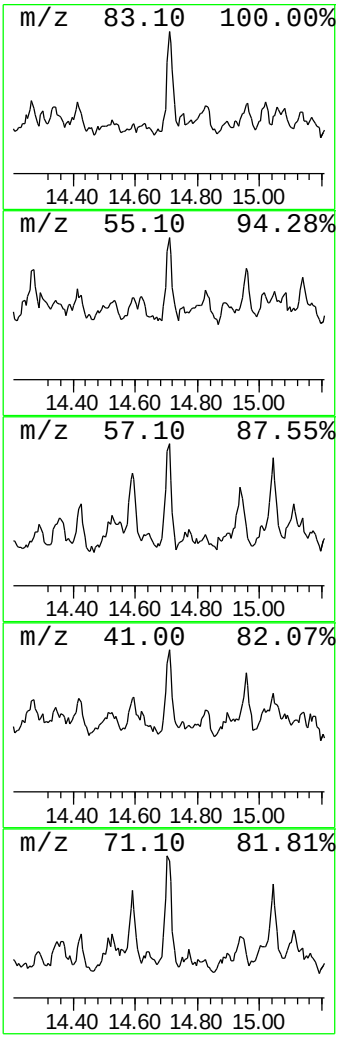
****

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	16.07 ng/ul	597933	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene	224	C16H32	000629-73-2	53
2	Phosphorous acid, tris(decyl) ester	502	C30H63O3P	002929-86-4	46
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	35
4	1-Heptadecene	238	C17H34	006765-39-5	35
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

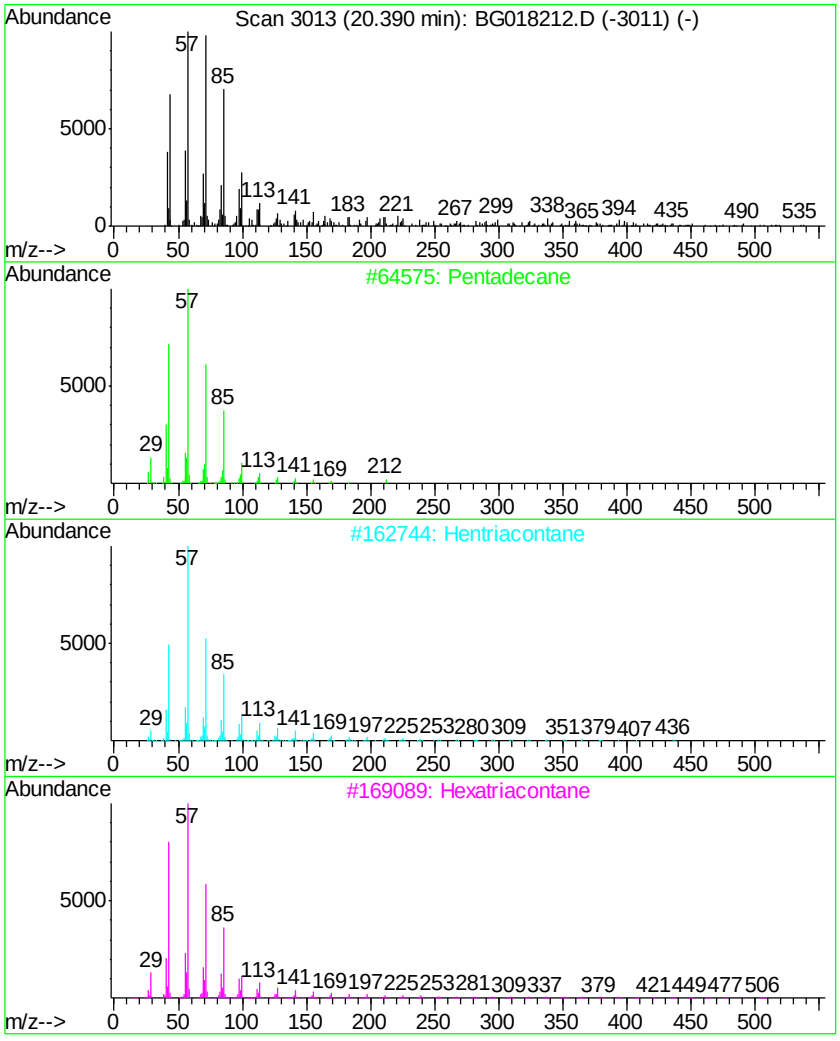
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

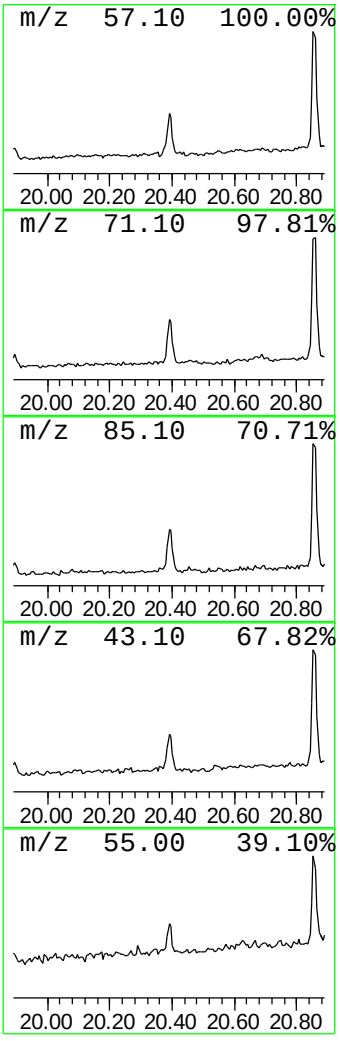
****

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	4.89 ng/ul	209253	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Tetracosane	338	C24H50	000646-31-1	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

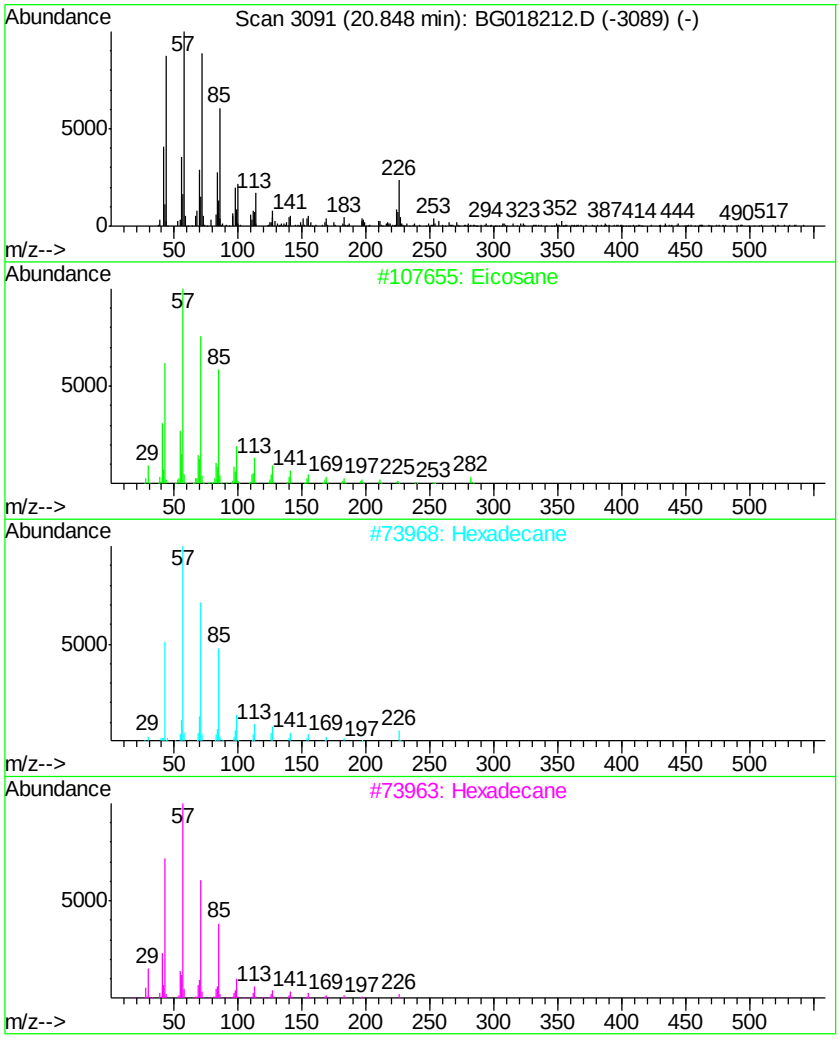
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

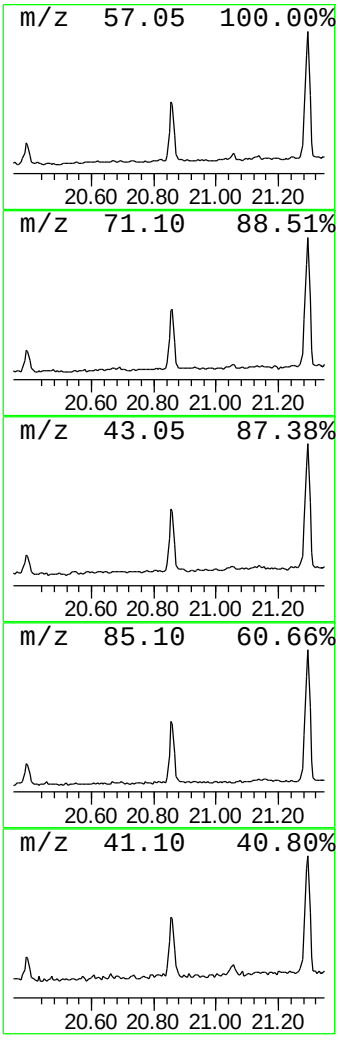
****

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	16.52 ng/ul	707519	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Hexadecane	226	C16H34	000544-76-3	98
3	Hexadecane	226	C16H34	000544-76-3	96
4	Hexadecane	226	C16H34	000544-76-3	96
5	Hexadecane	226	C16H34	000544-76-3	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

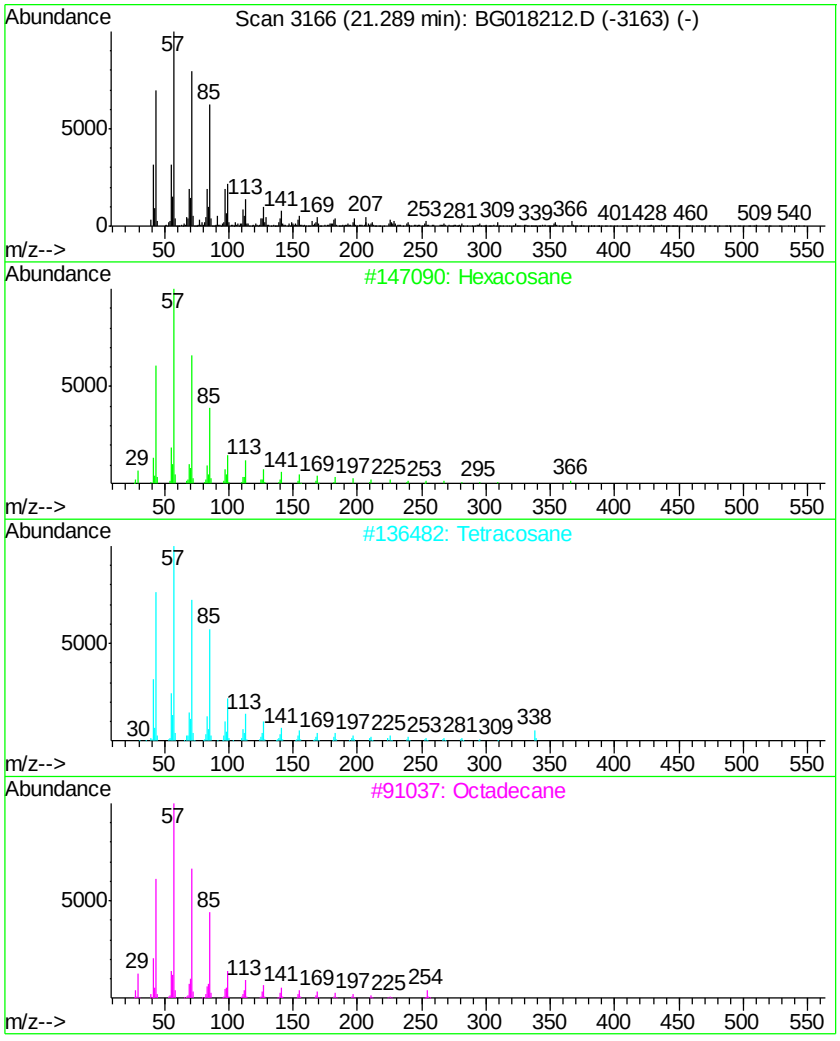
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

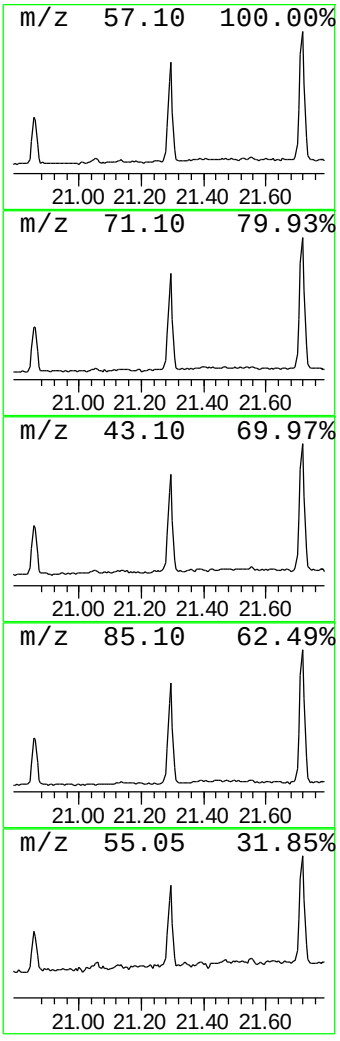
****

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	34.66 ng/ul	1484380	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	98
2	Tetracosane	338	C24H50	000646-31-1	97
3	Octadecane	254	C18H38	000593-45-3	96
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

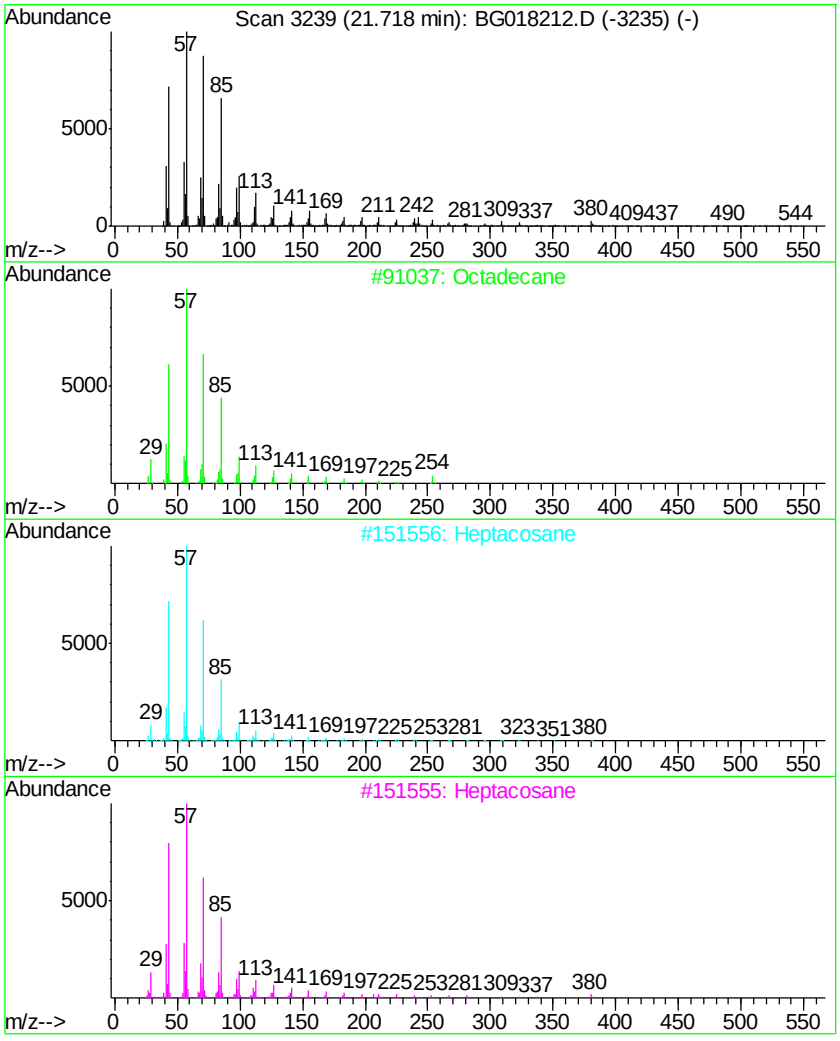
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

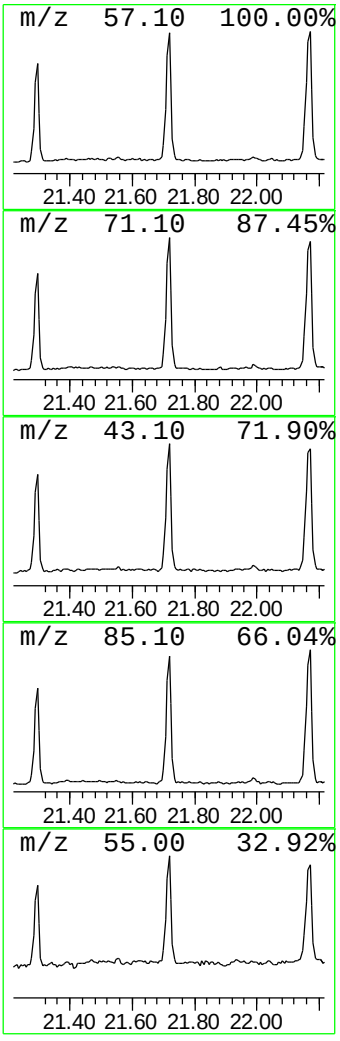
****

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	47.65 ng/ul	2040940	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Heptacosane	380	C27H56	000593-49-7	97
3	Heptacosane	380	C27H56	000593-49-7	95
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
5	Heneicosane	296	C21H44	000629-94-7	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

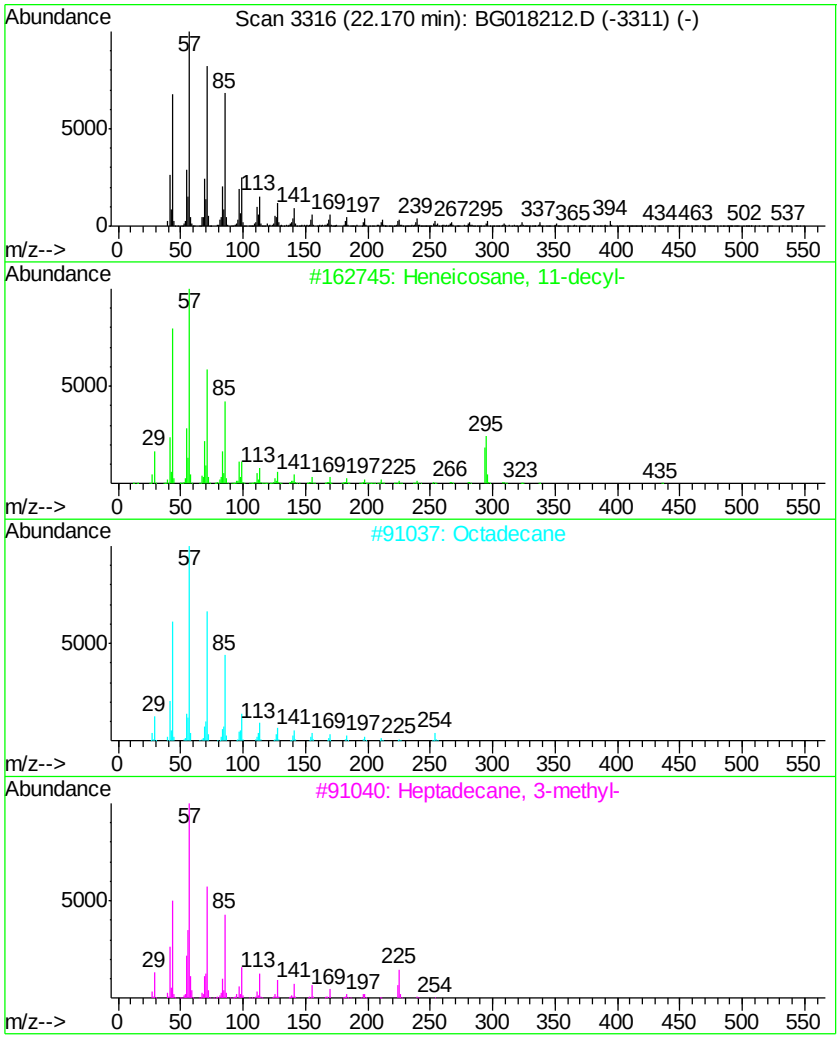
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

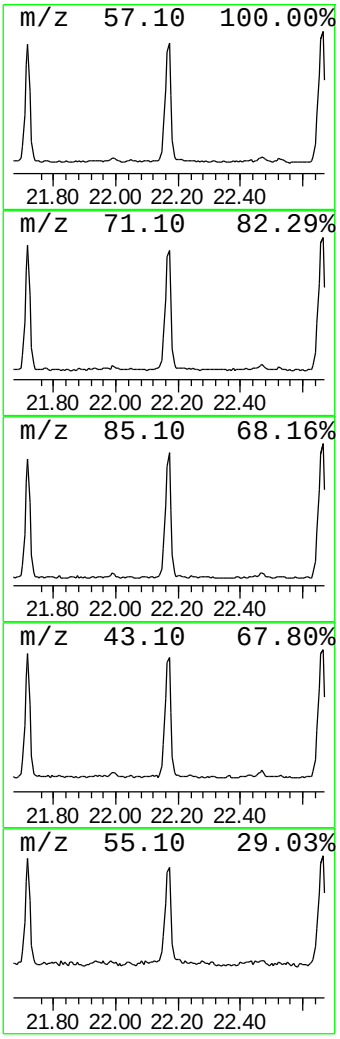
****

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.17	52.97 ng/ul	2268510	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	98
2	Octadecane	254	C18H38	000593-45-3	96
3	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

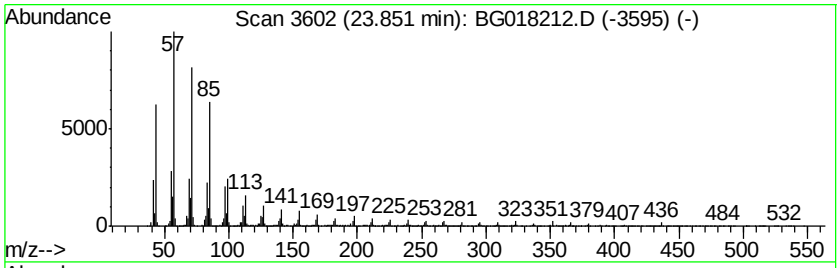
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

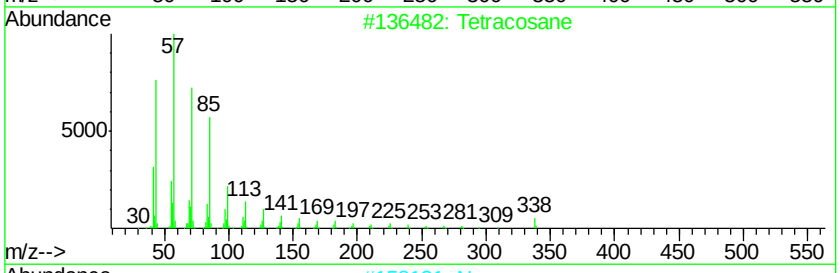
****

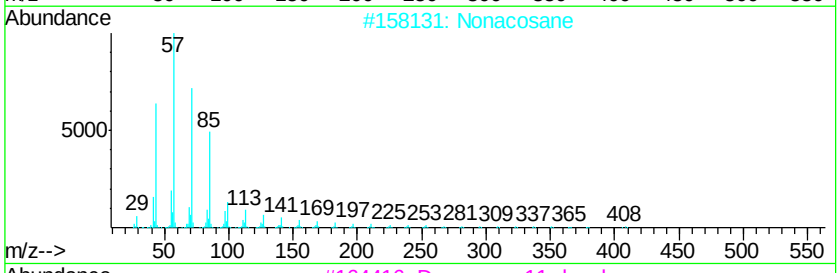
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 10

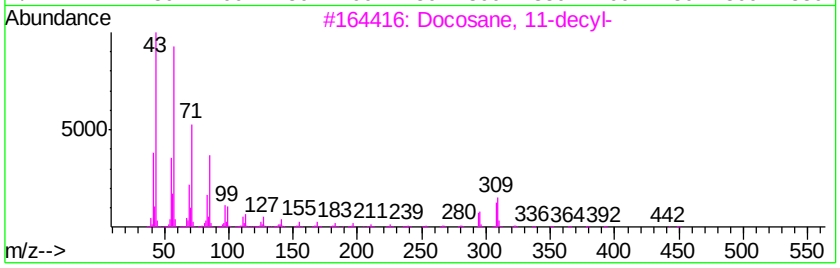
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	20.45 ng/ul	3099540	Perylene-d12	23.32

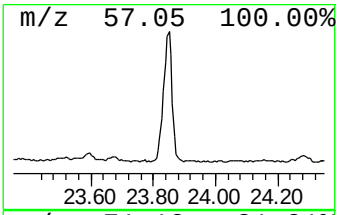
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Nonacosane	408	C29H60	000630-03-5	96
3	Docosane, 11-decyl-	451	C32H66	055401-55-3	95
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
5	Hentriacontane	437	C31H64	000630-04-6	91

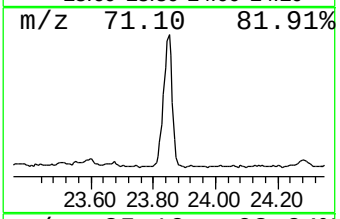


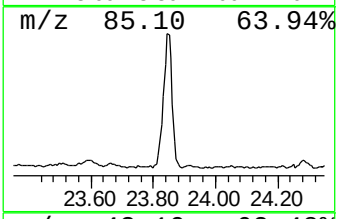


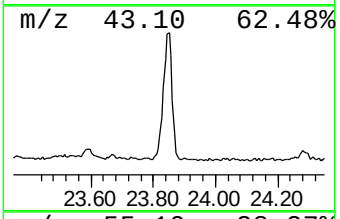


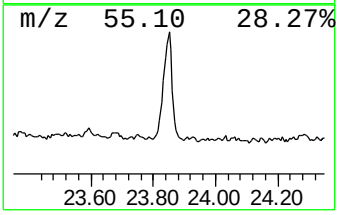












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

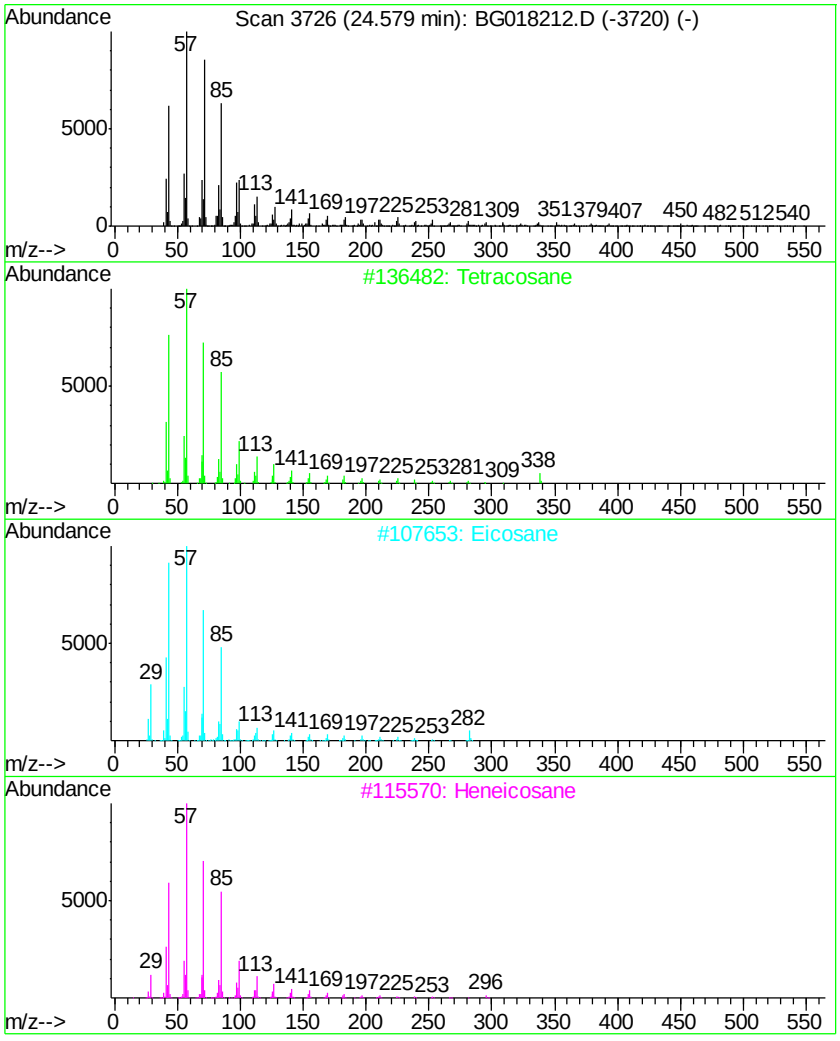
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

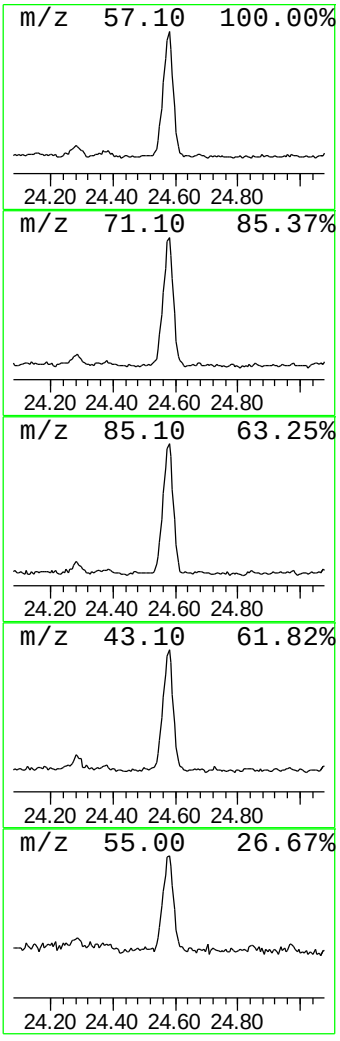
****

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.58	14.86 ng/ul	2252620	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Eicosane	282	C20H42	000112-95-8	95
3	Heneicosane	296	C21H44	000629-94-7	93
4	Dotriacontane	451	C32H66	000544-85-4	92
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

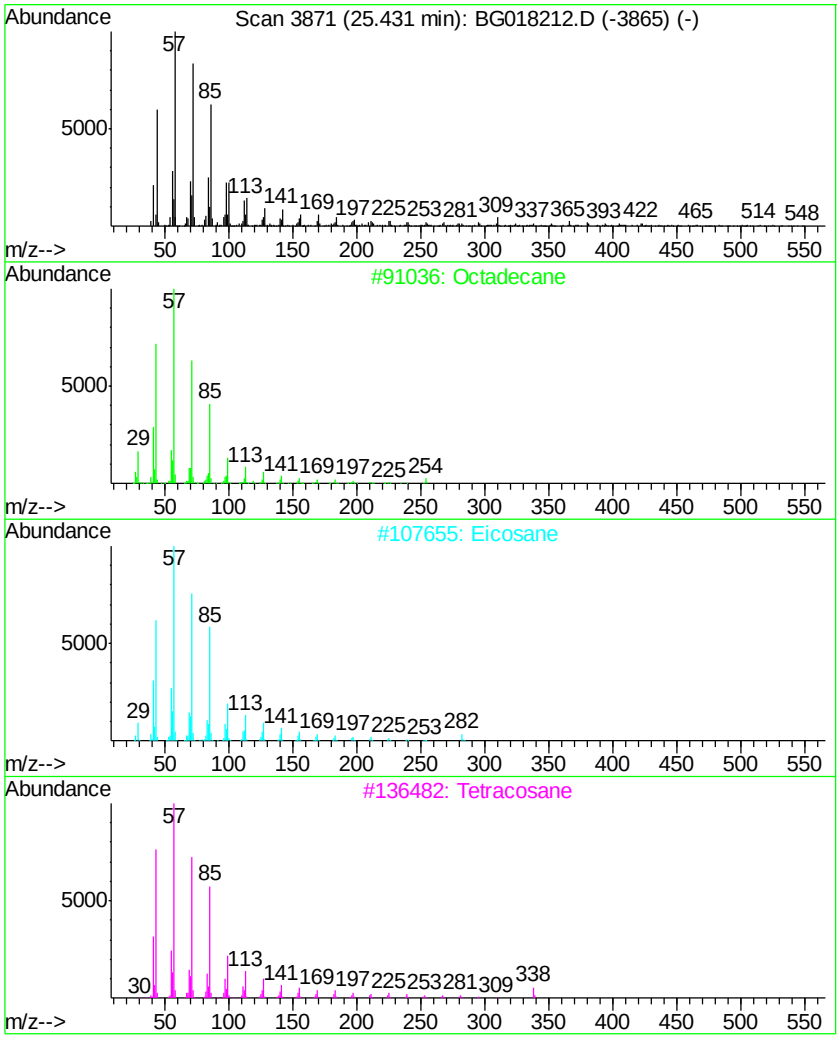
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

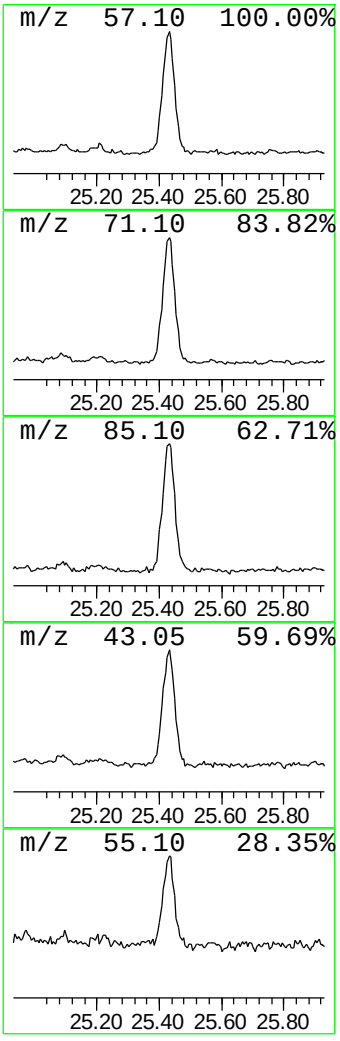
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.43	12.15 ng/ul	1841080	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Eicosane	282	C20H42	000112-95-8	96
3	Tetracosane	338	C24H50	000646-31-1	96
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
5	Heptacosane	380	C27H56	000593-49-7	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018212.D
Acq On : 1 Aug 2015 9:53
Operator : TP/UM
Sample : G3073-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, (1-methy...	5.98	3.1	ng/ul	75195	1	7.49	477541	20.0
(DEL) Alkane: Cyc...	6.62	3.1	ng/ul	74712	1	7.49	477541	20.0
Benzene, 1,2,3-tr...	7.13	3.7	ng/ul	87319	1	7.49	477541	20.0
(DEL) Alkane: Cyc...	7.30	2.8	ng/ul	66138	1	7.49	477541	20.0
unknown-01	7.55	3.1	ng/ul	74426	1	7.49	477541	20.0
(DEL) Alkane: Str...	7.68	5.7	ng/ul	136858	1	7.49	477541	20.0
(DEL) Alkane: Str...	7.75	8.1	ng/ul	192295	1	7.49	477541	20.0
(DEL) Alkane: Cyc...	7.83	4.2	ng/ul	99369	1	7.49	477541	20.0
(DEL) Alkane: Cyc...	7.92	3.4	ng/ul	80185	1	7.49	477541	20.0
unknown-02	7.99	3.5	ng/ul	82978	1	7.49	477541	20.0
(DEL) Alkane: Cyc...	8.03	5.6	ng/ul	132865	1	7.49	477541	20.0
Benzene, 1,2,3,4-...	8.13	3.4	ng/ul	80566	1	7.49	477541	20.0
2-Cyclohexen-1-on...	8.30	9.6	ng/ul	229648	1	7.49	477541	20.0
(DEL) Alkane: Cyc...	8.59	15.0	ng/ul	357404	1	7.49	477541	20.0
unknown-03	8.83	12.1	ng/ul	288805	1	7.49	477541	20.0
Tridecanal	8.95	7.7	ng/ul	386388	2	10.27	998847	20.0
(DEL) Alkane: Str...	9.13	6.2	ng/ul	309419	2	10.27	998847	20.0
cis-Decalin, 2-sy...	9.19	7.4	ng/ul	368095	2	10.27	998847	20.0
Naphthalene, deca...	9.45	10.5	ng/ul	523520	2	10.27	998847	20.0
(DEL) Alkane: Cyc...	9.68	2.3	ng/ul	112405	2	10.27	998847	20.0
unknown-04	9.73	3.8	ng/ul	187850	2	10.27	998847	20.0
unknown-05	10.06	2.9	ng/ul	144942	2	10.27	998847	20.0
7-Propyl-cis-bicy...	10.14	4.4	ng/ul	219529	2	10.27	998847	20.0
(DEL) Alkane: Cyc...	10.18	2.3	ng/ul	116958	2	10.27	998847	20.0
unknown-06	10.50	3.2	ng/ul	158738	2	10.27	998847	20.0
unknown-07	10.68	3.8	ng/ul	191414	2	10.27	998847	20.0
(DEL) Alkane: Cyc...	10.77	4.1	ng/ul	204813	2	10.27	998847	20.0
unknown-08	10.95	5.7	ng/ul	282750	2	10.27	998847	20.0
(DEL) Alkane: Str...	11.31	22.7	ng/ul	1133760	2	10.27	998847	20.0
(DEL) Alkane: Cyc...	11.56	4.3	ng/ul	213549	2	10.27	998847	20.0
unknown-09	12.02	5.5	ng/ul	272599	2	10.27	998847	20.0
unknown-10	12.09	2.2	ng/ul	111731	2	10.27	998847	20.0
(DEL) Alkane: Cyc...	12.43	11.1	ng/ul	412631	3	14.17	744211	20.0
unknown-11	12.50	5.2	ng/ul	193921	3	14.17	744211	20.0
unknown-12	12.58	10.8	ng/ul	402262	3	14.17	744211	20.0
(DEL) Alkane: Str...	12.70	23.6	ng/ul	880024	3	14.17	744211	20.0
unknown-13	12.75	8.1	ng/ul	300535	3	14.17	744211	20.0
(DEL) Alkane: Str...	12.93	10.8	ng/ul	402190	3	14.17	744211	20.0
unknown-14	13.02	4.7	ng/ul	173653	3	14.17	744211	20.0
unknown-15	13.09	6.6	ng/ul	246616	3	14.17	744211	20.0
(DEL) Alkane: Str...	14.71	16.1	ng/ul	597933	3	14.17	744211	20.0
(DEL) Alkane: Str...	20.39	4.9	ng/ul	209253	5	21.13	856584	20.0
(DEL) Alkane: Str...	20.85	16.5	ng/ul	707519	5	21.13	856584	20.0
(DEL) Alkane: Str...	21.29	34.7	ng/ul	1484380	5	21.13	856584	20.0
(DEL) Alkane: Str...	21.72	47.6	ng/ul	2040940	5	21.13	856584	20.0
(DEL) Alkane: Str...	22.17	53.0	ng/ul	2268510	5	21.13	856584	20.0
(DEL) Alkane: Str...	23.85	20.4	ng/ul	3099540	6	23.32	3031630	20.0
(DEL) Alkane: Str...	24.58	14.9	ng/ul	2252620	6	23.32	3031630	20.0
(DEL) Alkane: Str...	25.43	12.2	ng/ul	1841080	6	23.32	3031630	20.0