LSC Area Percent Report

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021421.D
Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

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-BG031016.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	5.618	458	473	478	rBV2	20255	61376	0.13%	0.030%
2	7.316	756	762	772	rBB	43369	82452	0.18%	0.040%
3	7.440	775	783	793	rVV	37225	62700	0.13%	0.031%
4	7.663	814	821	830	rBV2	46720	81526	0.17%	0.040%
5	8.115	893	898	906	rVB	66655	118618	0.25%	0.058%
6	8.856	993	1024	1027	rBV3	169770	862424	1.85%	0.421%
7	9.185	1074	1080	1085	rBV	82033	136407	0.29%	0.067%
8	9.284	1091	1097	1102	rVV	47647	92606	0.20%	0.045%
9	10.007	1209	1220	1227	rBV2	43050	80130	0.17%	0.039%
10	10.371	1254	1282	1288	rBV	159721	734634	1.57%	0.358%
11	10.577	1310	1317	1325	rBV	50688	93077	0.20%	0.045%
12	10.930	1370	1377	1380	rVV	87604	163392	0.35%	0.080%
13	10.982	1380	1386	1393	rVB	488484	891008	1.91%	0.435%
14	11.764	1507	1519	1524	rBV2	95626	234917	0.50%	0.115%
15	12.310	1607	1612	1622	rBV6	20560	49988	0.11%	0.024%
16	12.569	1649	1656	1661	rBV5	33530	76863	0.16%	0.037%
17	13.115	1730	1749	1760	rBV3	369555	1384015	2.96%	0.675%
18	13.250	1766	1772	1779	rBV7	27102	85179	0.18%	0.042%
19	13.509	1810	1816	1818	rBV5	30143	52648	0.11%	0.026%
20	13.615	1830	1834	1837	rBV5	32557	60364	0.13%	0.029%
21	13.767	1855	1860	1864	rBV3	33920	62715	0.13%	0.031%
22	14.038	1902	1906	1910	rBV2	83954	142982	0.31%	0.070%
23	14.120	1911	1920	1924	rVV4	101521	342995	0.73%	0.167%
24	14.425	1968	1972	1975	rBV	118145	197863	0.42%	0.097%
25	14.537	1988	1991	1994	rVB	129940	148282	0.32%	0.072%
26	14.584	1996	1999	2004	rVB2	127897	171802	0.37%	0.084%
27	14.637	2004	2008	2011	rBV	118396	152661	0.33%	0.074%
28	14.678	2011	2015	2016	rBV2	102542	131536	0.28%	0.064%
29	14.725	2020	2023	2033	rVB5	216295	458762	0.98%	0.224%
30	14.807	2033	2037	2042	rVB	94879	142906	0.31%	0.070%
31	14.860	2042	2046	2048	rBV	158879	215460	0.46%	0.105%
32	14.937	2054	2059	2068	rVB2	232260	364684	0.78%	0.178%
33	15.048	2069	2078	2083	rVV	929322	2033167	4.35%	0.992%
34	15.101	2083	2087	2092	rVV2	539125	779289	1.67%	0.380%

LSC Area Percent Report

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Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

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-BG031016.M
Title : SVOA CALIBRATION

35	15.154	2092	2096	2101	rVV	426004	577230	1.24%	0.282%
36	15.213	2101	2106	2113	rVV2	291747	508668	1.09%	0.248%
37	15.289	2114	2119	2124	rVB	585362	749621	1.60%	0.366%
38	15.342	2124	2128	2131	rBV	29067	50184	0.11%	0.024%
39	15.548	2158	2163	2168	rBV	987264	1283474	2.75%	0.626%
40	15.648	2176	2180	2187	rBV	94207	137765	0.29%	0.067%
41	15.718	2187	2192	2197	rBV	119523	180156	0.39%	0.088%
42	15.947	2227	2231	2234	rBV3	61665	86100	0.18%	0.042%
43	15.994	2234	2239	2251	rVB	596204	937568	2.01%	0.457%
44	16.088	2251	2255	2258	rBV	64315	85605	0.18%	0.042%
45	16.429	2305	2313	2319	rBV2	210306	441994	0.95%	0.216%
46	16.735	2362	2365	2370	rBV2	55372	84089	0.18%	0.041%
47	16.829	2375	2381	2391	rVV	417515	694456	1.49%	0.339%
48	16.911	2391	2395	2401	rVB4	83496	135256	0.29%	0.066%
49	17.017	2409	2413	2416	rBV2	80285	130460	0.28%	0.064%
50	17.175	2437	2440	2441	rBV3	51101	56321	0.12%	0.027%
51	17.216	2445	2447	2450	rVV	136729	178154	0.38%	0.087%
52	17.252	2450	2453	2458	rVB4	180146	279525	0.60%	0.136%
53	17.375	2471	2474	2480	rVB2	72372	101311	0.22%	0.049%
54	17.469	2486	2490	2495	rVB	133458	191963	0.41%	0.094%
55	17.551	2499	2504	2512	rVB3	279163	573922	1.23%	0.280%
56	17.933	2566	2569	2575	rBV3	108544	206563	0.44%	0.101%
57	18.203	2608	2615	2619	rBV	438237	845141	1.81%	0.412%
58	18.344	2636	2639	2642	rVB2	82805	98042	0.21%	0.048%
59	18.615	2683	2685	2690	rVB	145459	163284	0.35%	0.080%
60	19.014	2749	2753	2756	rBV	174599	232674	0.50%	0.114%
61	19.243	2789	2792	2795	rBV	143370	166045	0.36%	0.081%
62	19.308	2795	2803	2810	rVB	1465445	3148128	6.74%	1.536%
63	19.966	2910	2915	2922	rVB	725787	1046365	2.24%	0.510%
64	20.360	2977	2982	2986	rBV	483313	729842	1.56%	0.356%
65	20.630	3024	3028	3036	rBV	730598	1113016	2.38%	0.543%
66	20.894	3069	3073	3084	rBV	911122	1645764	3.52%	0.803%
67	20.983	3085	3088	3090	rBV	274888	389906	0.83%	0.190%
68	21.077	3100	3104	3109	rBV	298213	485620	1.04%	0.237%
69	21.165	3116	3119	3122	rBV	357951	458380	0.98%	0.224%
70	21.312	3140	3144	3149	rVB2	818554	1382744	2.96%	0.675%
71	21.435	3158	3165	3171	rBV2	1466873	4505981	9.64%	2.198%

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Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

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-BG031016.M
Title : SVOA CALIBRATION

72	21.605	3189	3194	3201	rBV4	2014532	5167663	11.06%	2.521%
73	21.676	3203	3206	3211	rVV4	854245	1787964	3.83%	0.872%
74	23.068	3441	3443	3447	rVB2	5390539	4128509	8.83%	2.014%
75	23.156	3450	3458	3475	rVV10	4683876	30226042	64.67%	14.745%
76	23.292	3479	3481	3496	rVB3	7829099	15612304	33.41%	7.616%
77	23.456	3497	3509	3525	rBV7	6002928	46735460	100.00%	22.799%
78	23.697	3545	3550	3570	rVB3	2255676	9719043	20.80%	4.741%
79	23.938	3586	3591	3597	rVB2	5981962	11883512	25.43%	5.797%
80	24.238	3631	3642	3653	rVB6	2249125	7391231	15.82%	3.606%
81	24.402	3665	3670	3680	rVB4	530521	1406549	3.01%	0.686%
82	24.525	3682	3691	3701	rVB3	1910007	5447082	11.66%	2.657%
83	25.054	3766	3781	3789	rBV	4260564	14233558	30.46%	6.944%
84	25.436	3840	3846	3856	rVB2	627298	1749287	3.74%	0.853%
85	25.589	3859	3872	3882	rBV	2641113	9264589	19.82%	4.520%
86	26.030	3939	3947	3964	rVB2	1088248	3426428	7.33%	1.672%
87	26.670	4050	4056	4066	rVB2	672741	1978716	4.23%	0.965%

Sum of corrected areas: 204988682

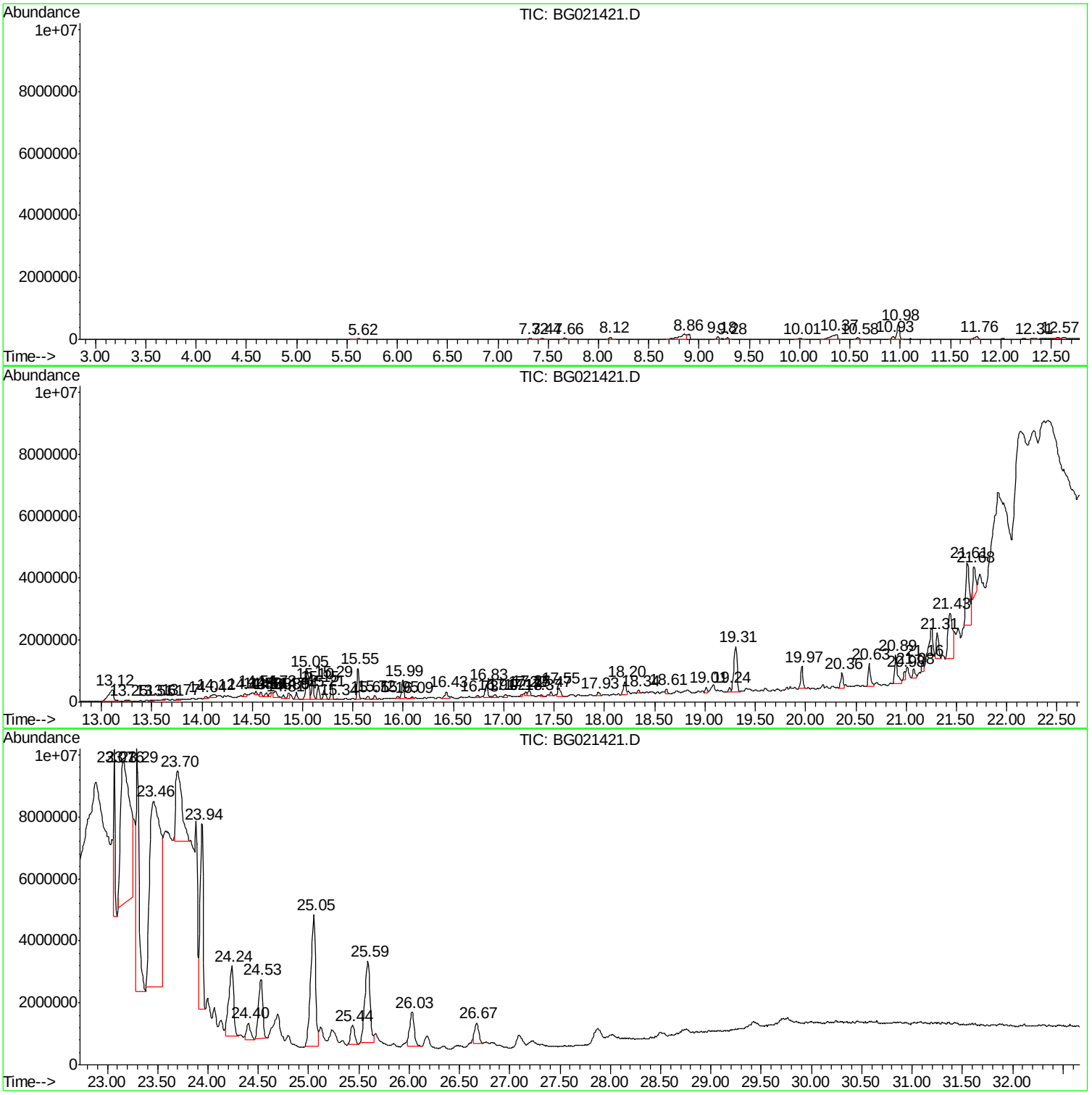
LSC Report - Integrated Chromatogram

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021421.D
Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021421.D
Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

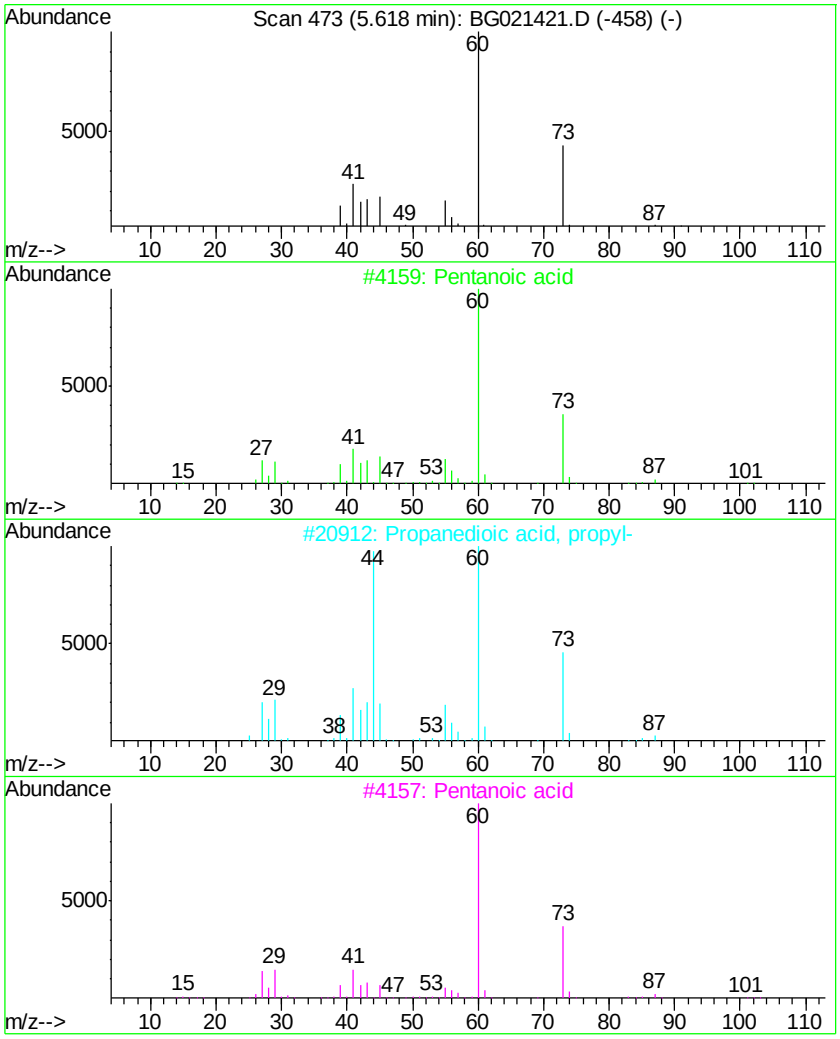
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

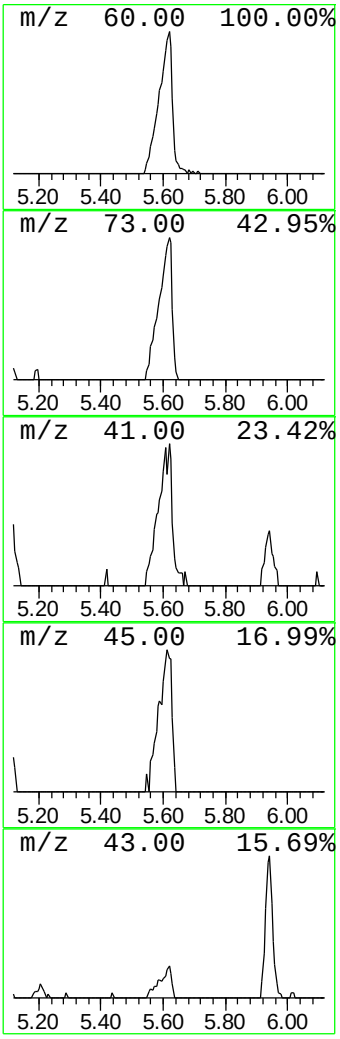
****

Peak Number 1 Pentanoic acid Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	10.35 ng/ul	61376	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	83
2	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	74
3	Pentanoic acid	102	C5H10O2	000109-52-4	64
4	Pentanoic acid	102	C5H10O2	000109-52-4	64
5	Hexanoic acid	116	C6H12O2	000142-62-1	56





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021421.D
Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

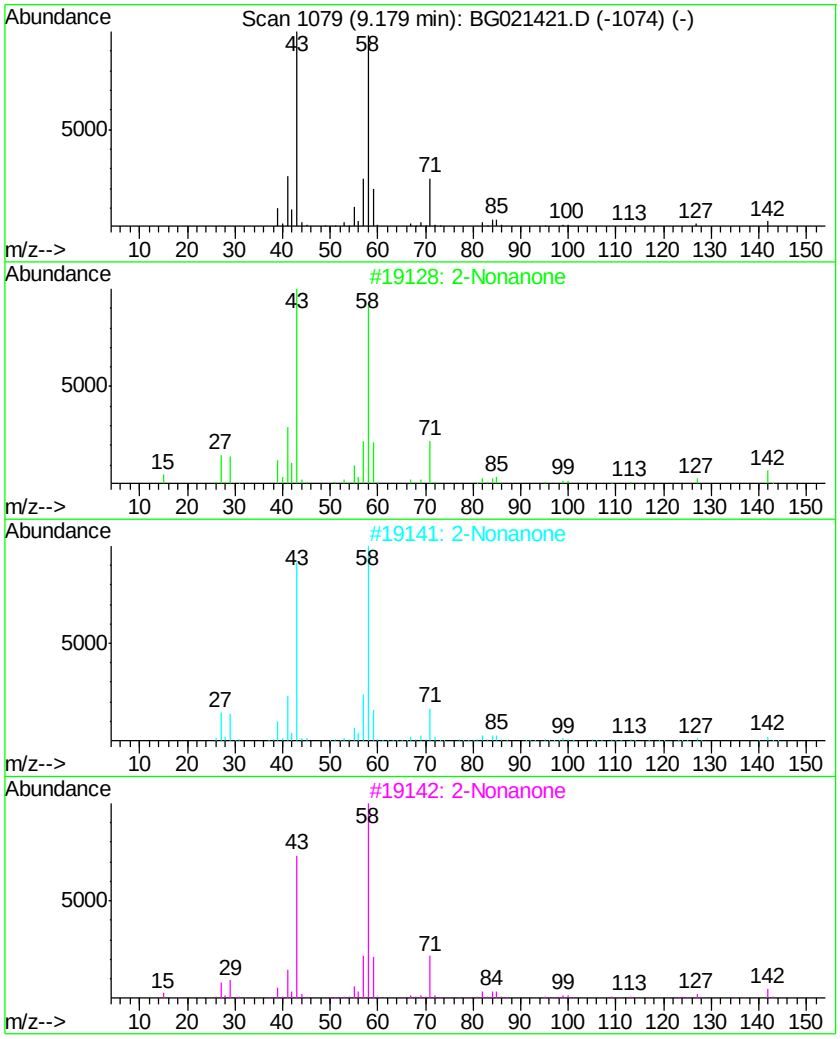
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

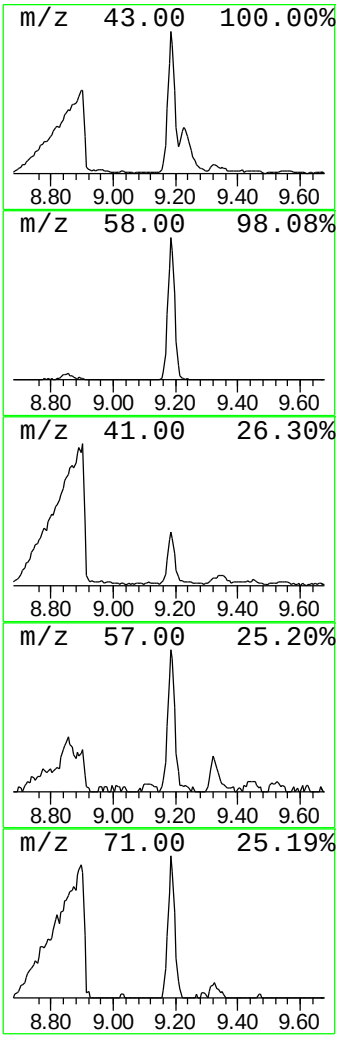
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	23.00 ng/ul	136407	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonanone	142	C9H18O	000821-55-6	91
2	2-Nonanone	142	C9H18O	000821-55-6	90
3	2-Nonanone	142	C9H18O	000821-55-6	87
4	2-Nonanone	142	C9H18O	000821-55-6	87
5	2-Heptanone	114	C7H14O	000110-43-0	64





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021421.D
Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

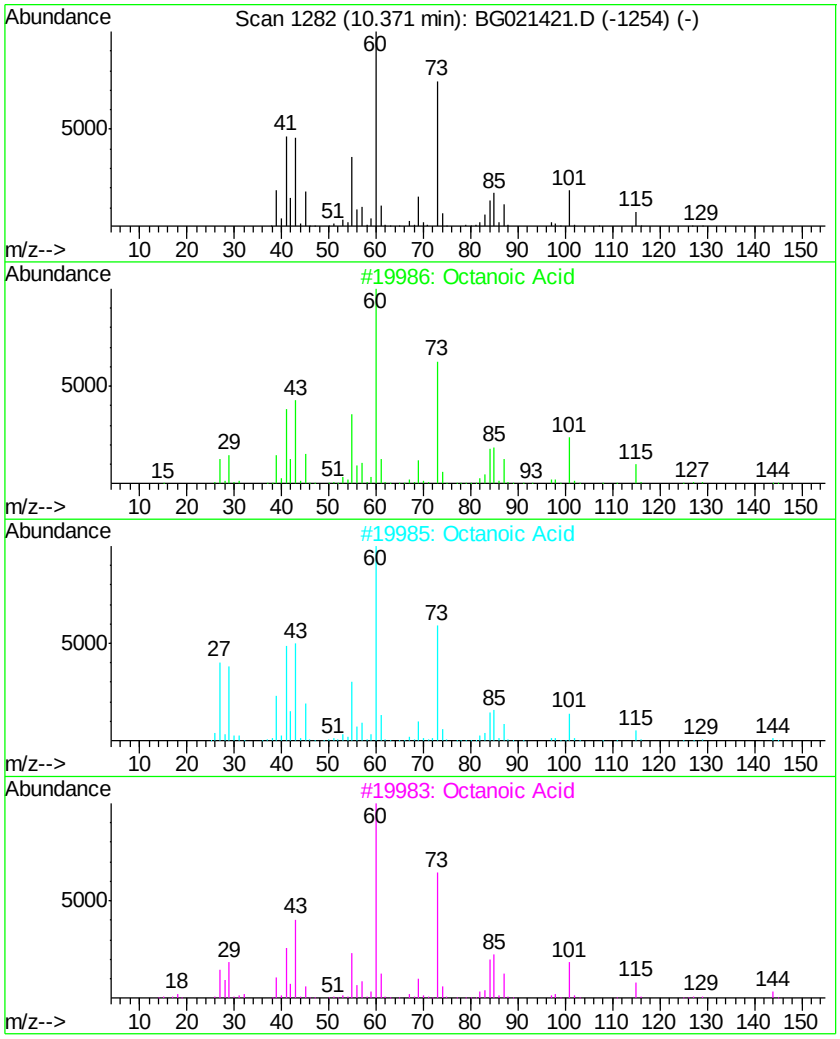
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

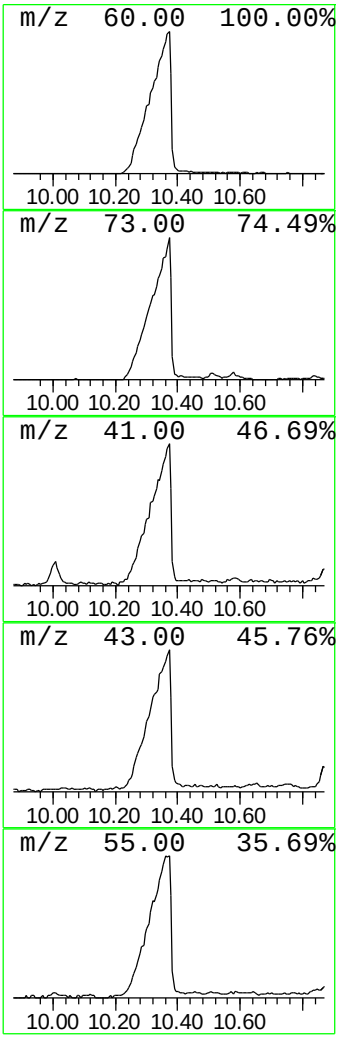
****

Peak Number 3 Octanoic Acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	89.92 ng/ul	734634	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid	144	C8H16O2	000124-07-2	90
2	Octanoic Acid	144	C8H16O2	000124-07-2	90
3	Octanoic Acid	144	C8H16O2	000124-07-2	64
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	59
5	Hexanoic acid	116	C6H12O2	000142-62-1	53





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
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Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

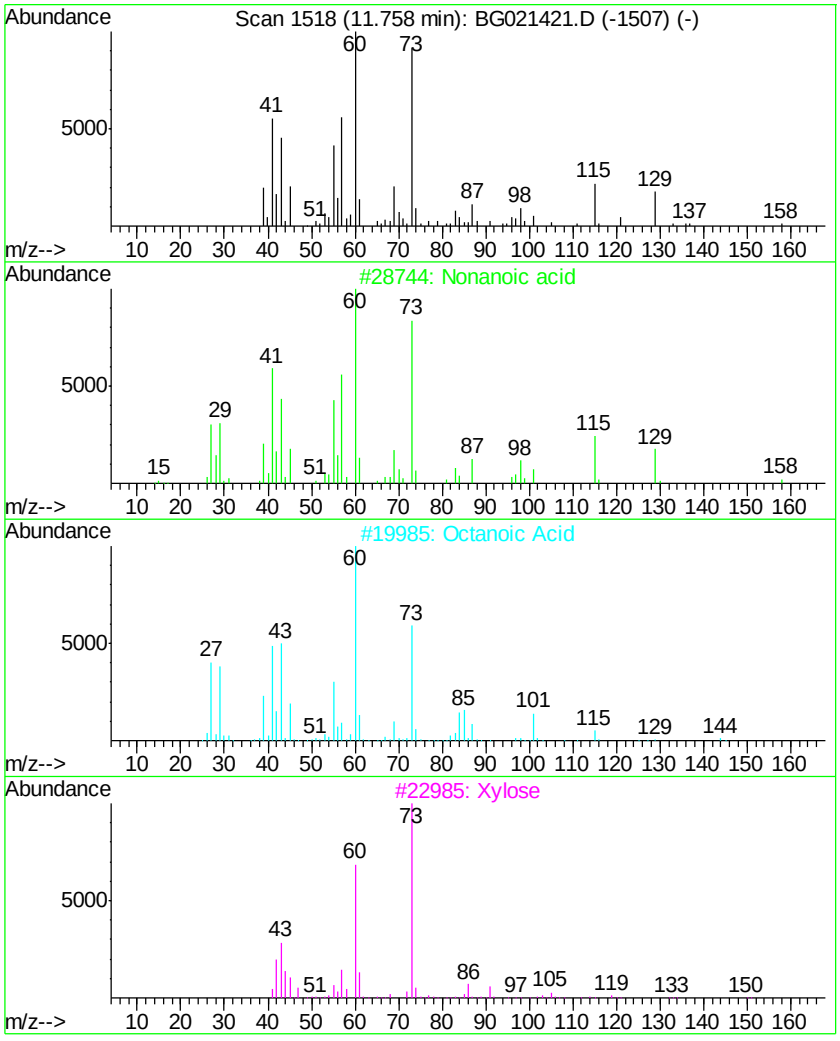
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

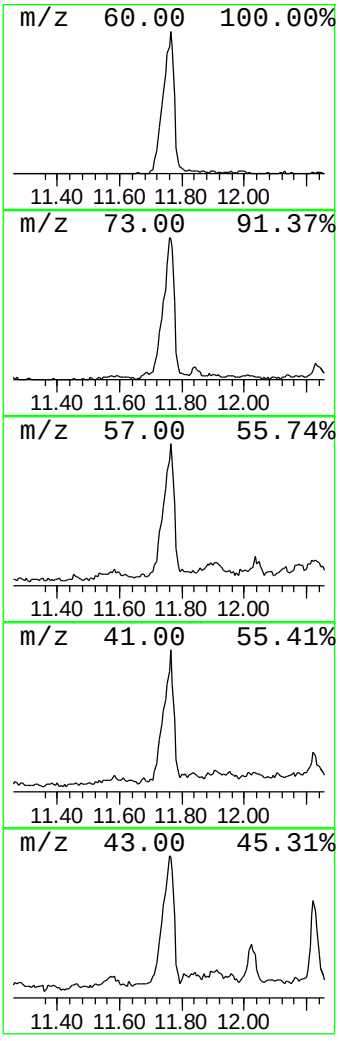
****

Peak Number 4 Nonanoic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	28.76 ng/ul	234917	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	90
2	Octanoic Acid	144	C8H16O2	000124-07-2	53
3	Xylose	150	C5H10O5	000058-86-6	47
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	43
5	Hexanoic acid	116	C6H12O2	000142-62-1	43





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021421.D
Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

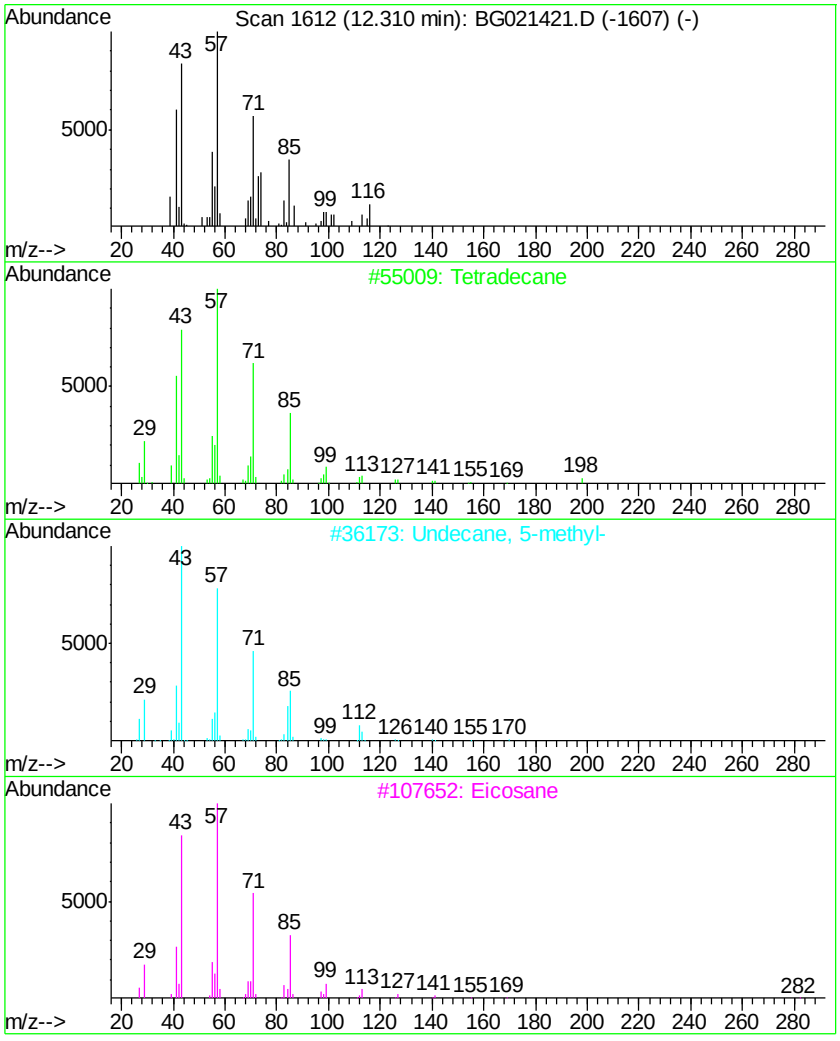
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

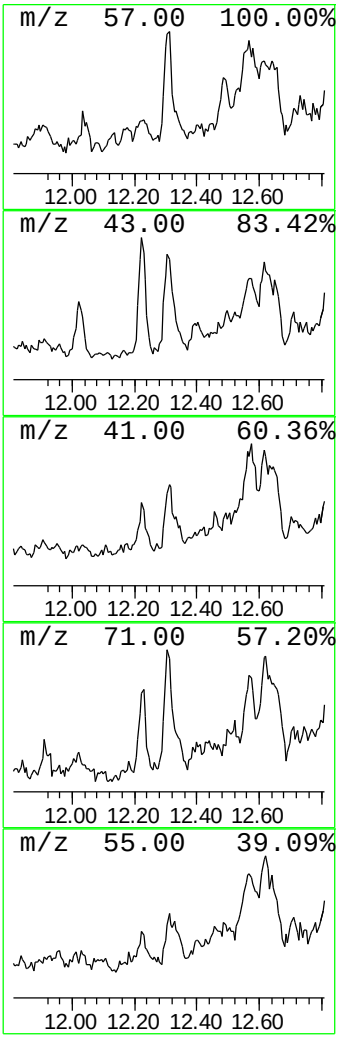
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	6.12 ng/ul	49988	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	47
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	43
3	Eicosane	282	C20H42	000112-95-8	43
4	Tetradecane	198	C14H30	000629-59-4	43
5	Isooctane, (ethenyloxy)-	156	C10H20O	037769-62-3	38





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021421.D
Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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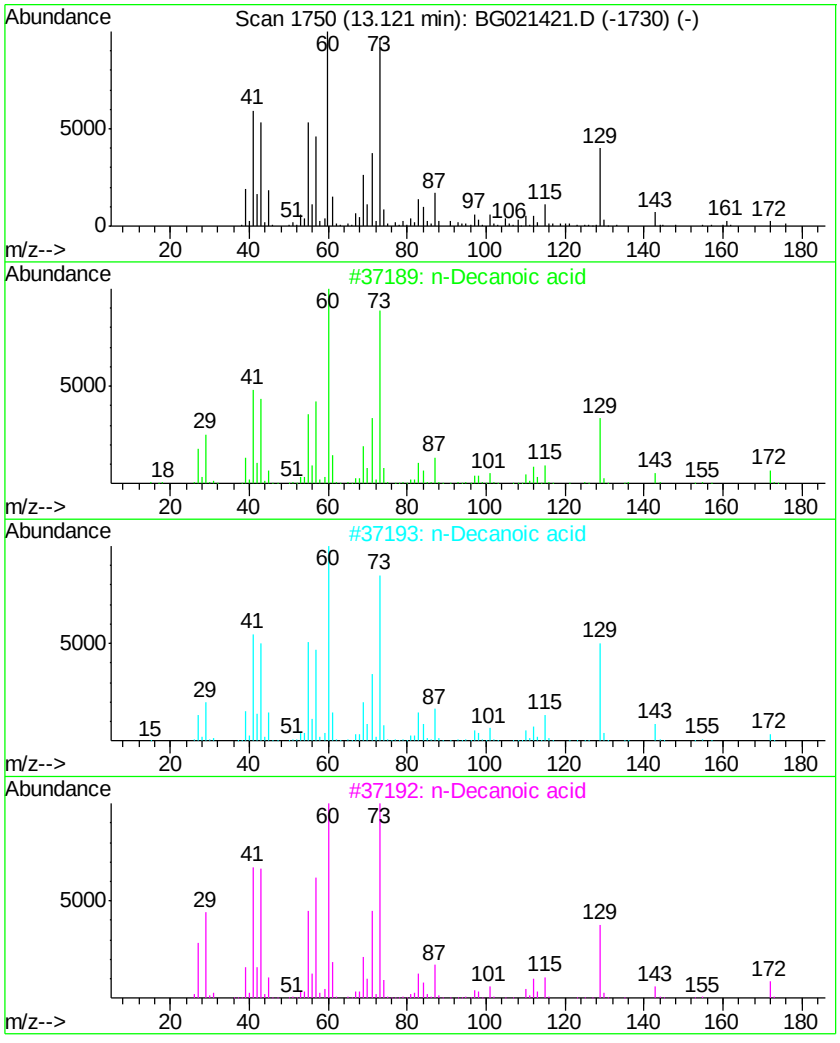
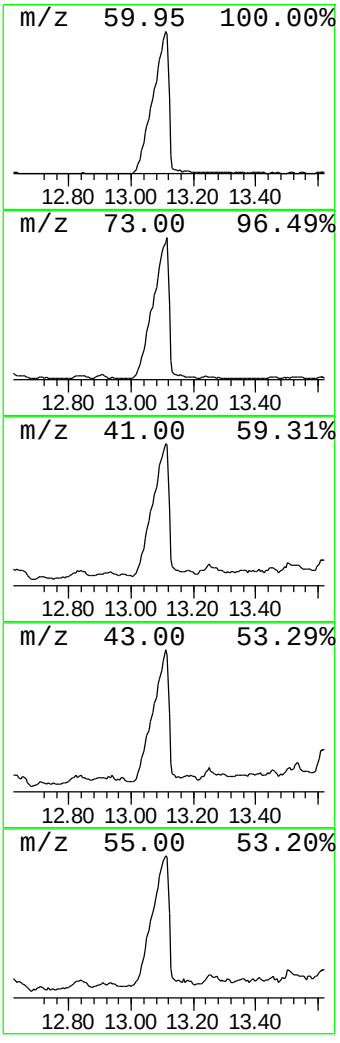
Peak Number 6 n-Decanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	60.34 ng/ul	1384020	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	94
2	n-Decanoic acid	172	C10H20O2	000334-48-5	91
3	n-Decanoic acid	172	C10H20O2	000334-48-5	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	78
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Library Search Compound Report

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Data File : BG021421.D
Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

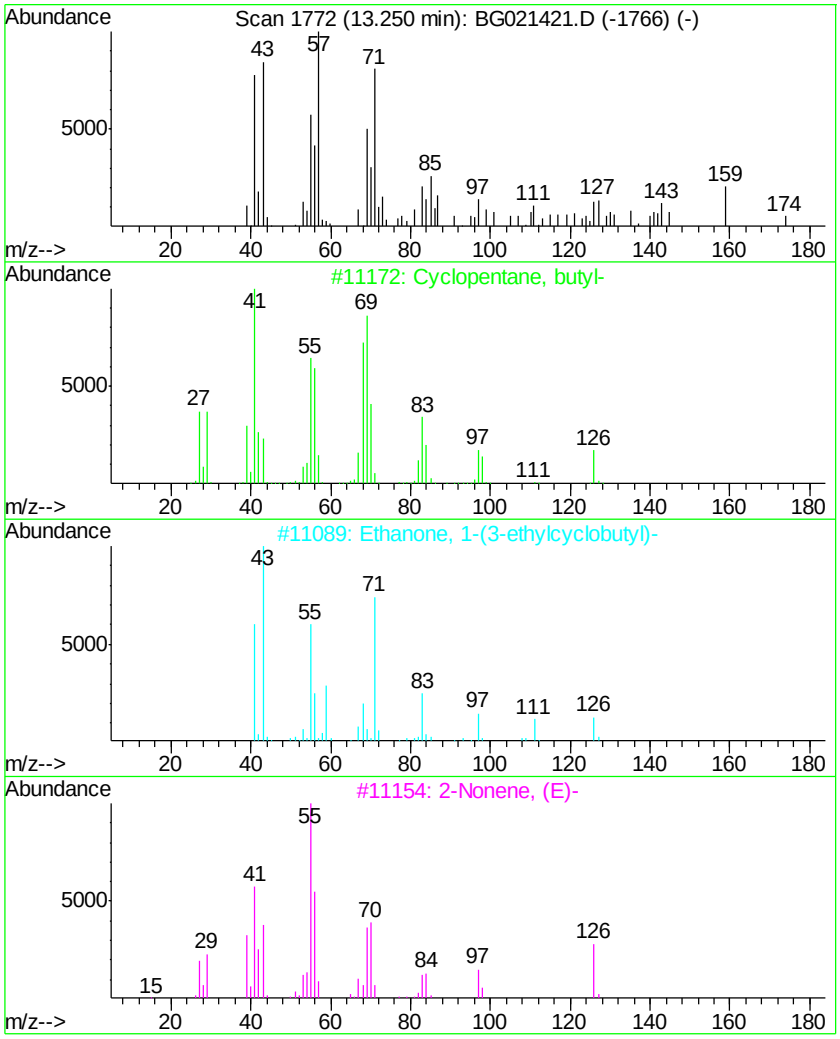
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

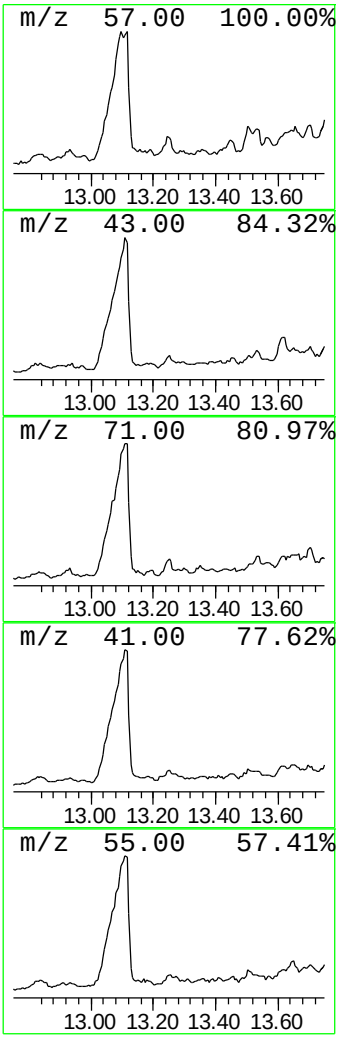
****

Peak Number 7 Cyclopentane, butyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	3.71 ng/ul	85179	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, butyl-	126	C9H18	002040-95-1	53
2	Ethanone, 1-(3-ethylcyclobutyl)-	126	C8H14O	056335-71-8	53
3	2-Nonene, (E)-	126	C9H18	006434-78-2	35
4	Decane	142	C10H22	000124-18-5	30
5	trans-3-Decene	140	C10H20	019150-21-1	25





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Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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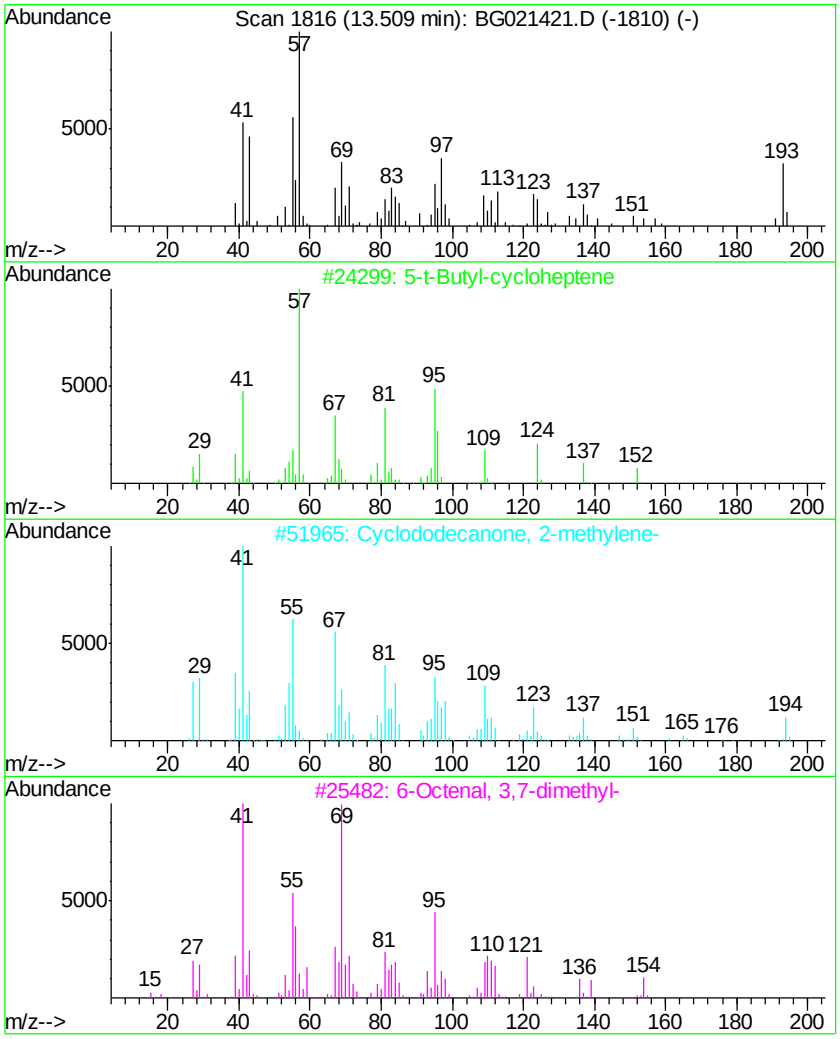
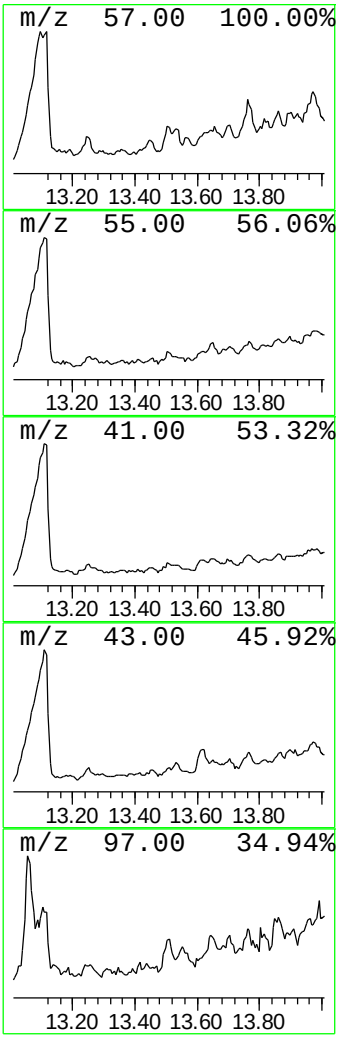
Peak Number 8 unknown-01 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	2.30 ng/ul	52648	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-t-Butyl-cycloheptene	152	C11H20	1000189-30-7	27
2	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	25
3	6-Octenal, 3,7-dimethyl-	154	C10H18O	000106-23-0	14
4	Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	11
5	3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	10





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Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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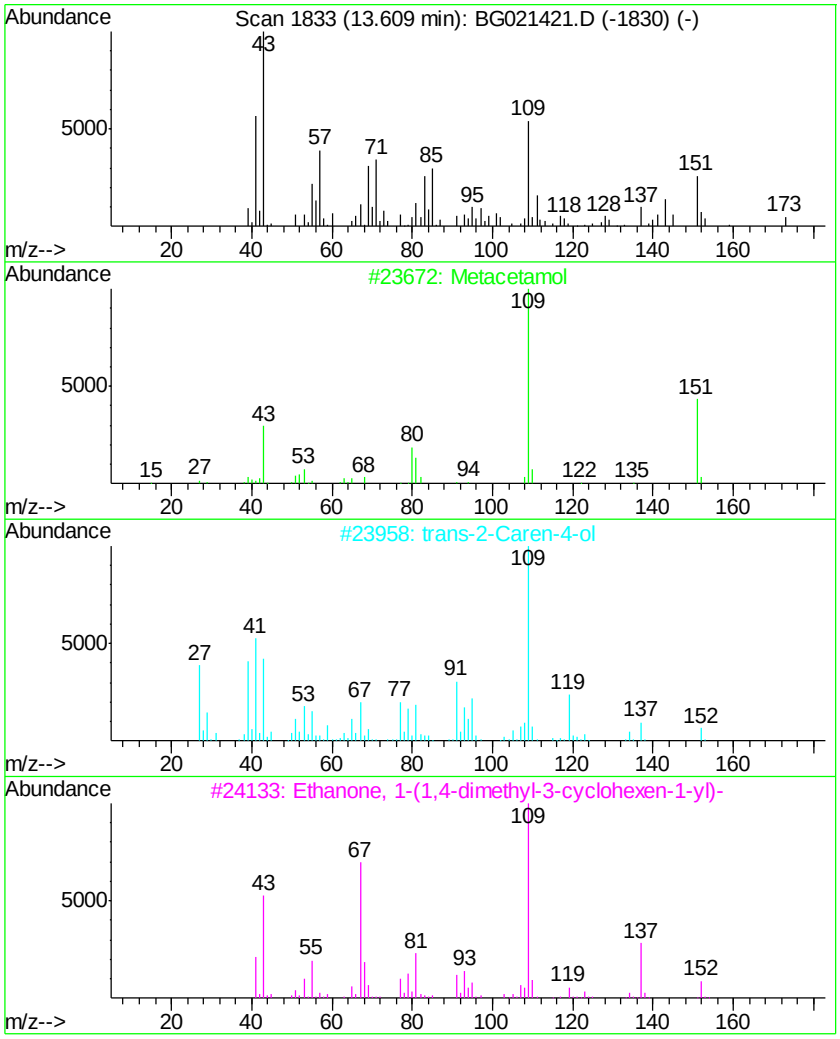
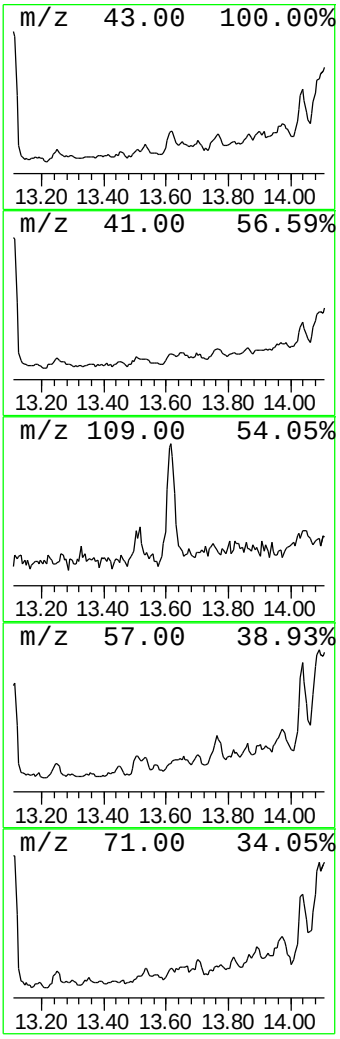
Peak Number 9 unknown-02 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	2.63 ng/ul	60364	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Metacetamol	151	C8H9NO2	000621-42-1	27
2	trans-2-Caren-4-ol	152	C10H16O	004017-82-7	22
3	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	18
4	7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	15
5	Nonane	128	C9H20	000111-84-2	11





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Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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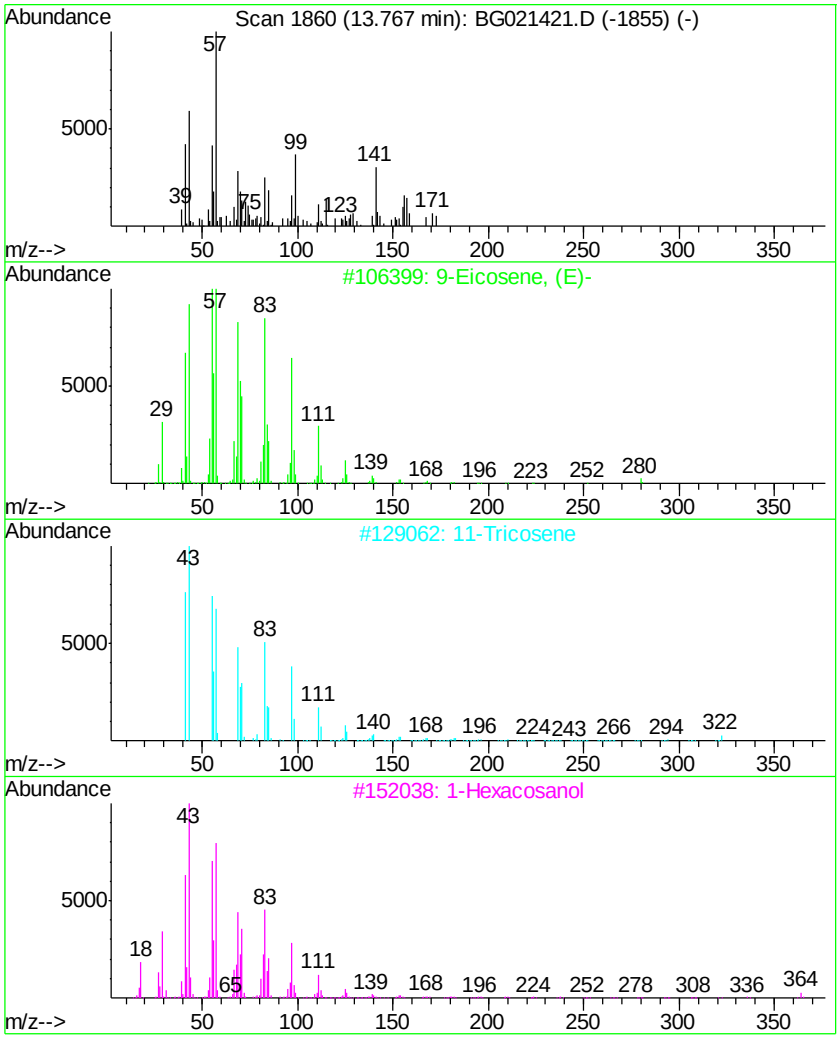
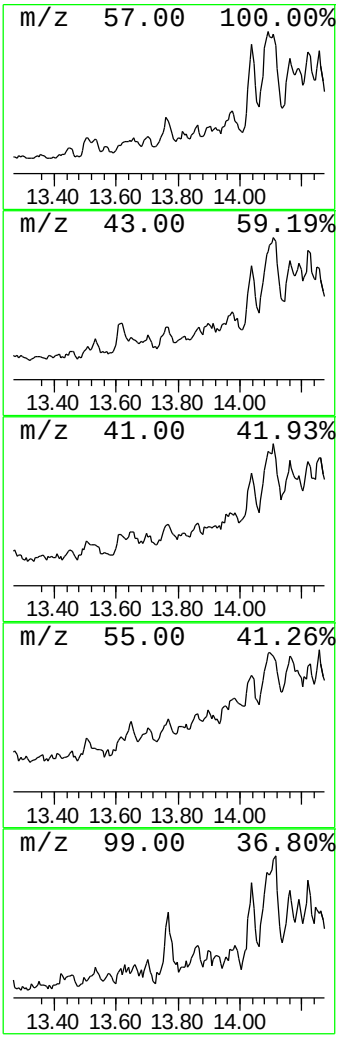
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.73 ng/ul	62715	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	22
2	11-Tricosene	322	C23H46	052078-56-5	22
3	1-Hexacosanol	382	C26H54O	000506-52-5	22
4	1-Tetracosanol	354	C24H50O	000506-51-4	22
5	1-Pentanol, 2,2,4-trimethyl-	130	C8H18O	000123-44-4	22





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Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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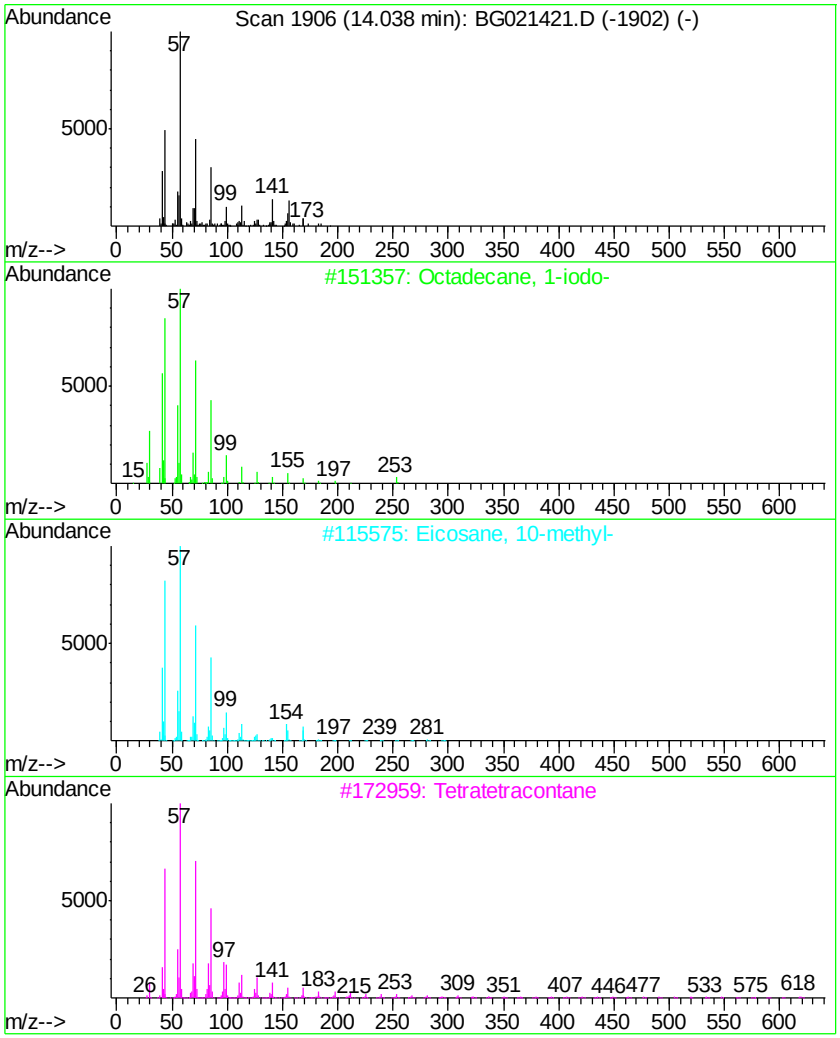
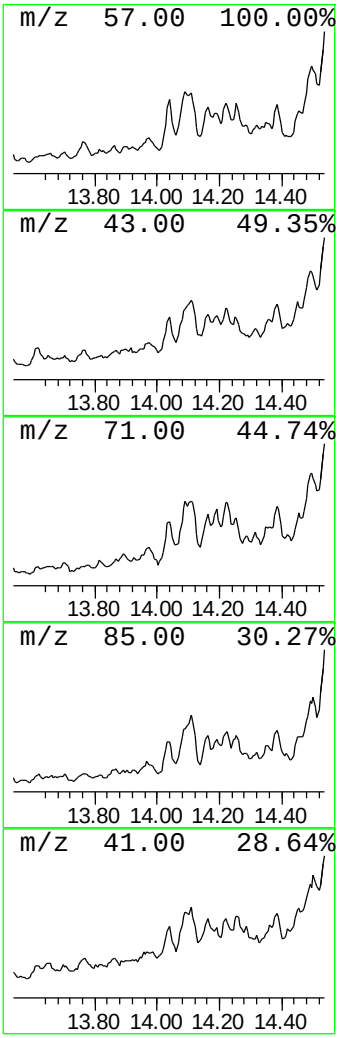
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	6.23 ng/ul	142982	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	59
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	53
3	Tetratetracontane	619	C44H90	007098-22-8	53
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	53
5	Octacosane	394	C28H58	000630-02-4	52





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Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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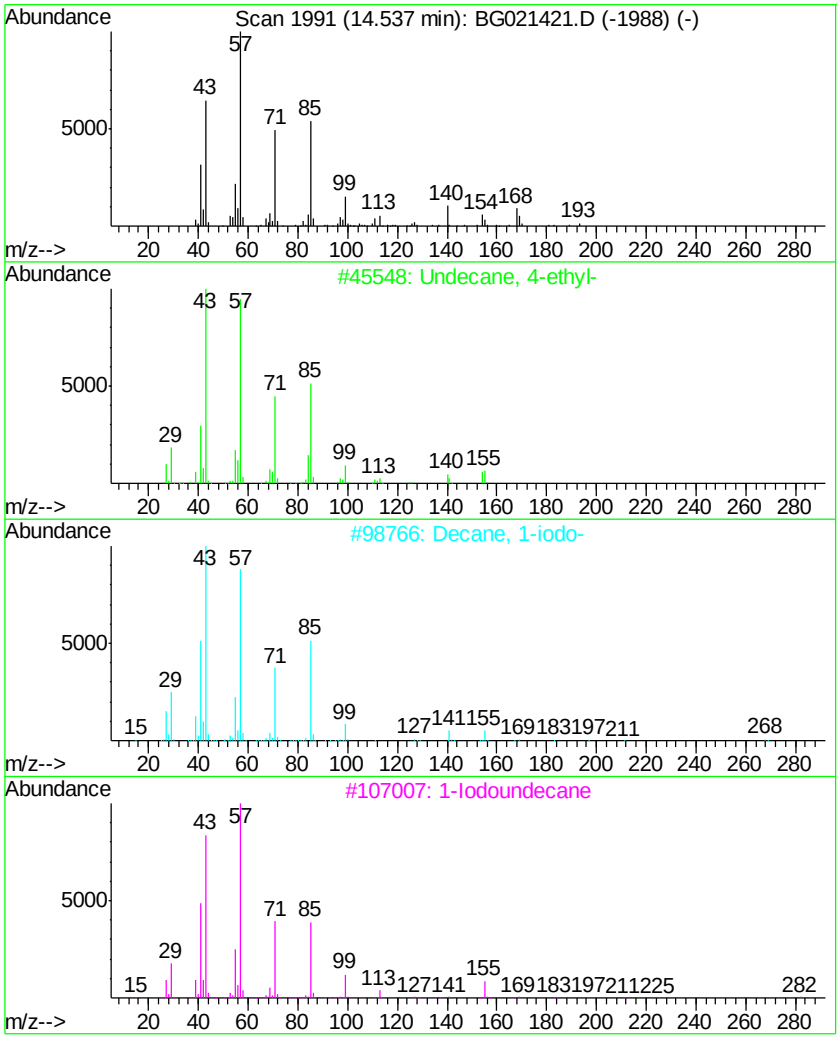
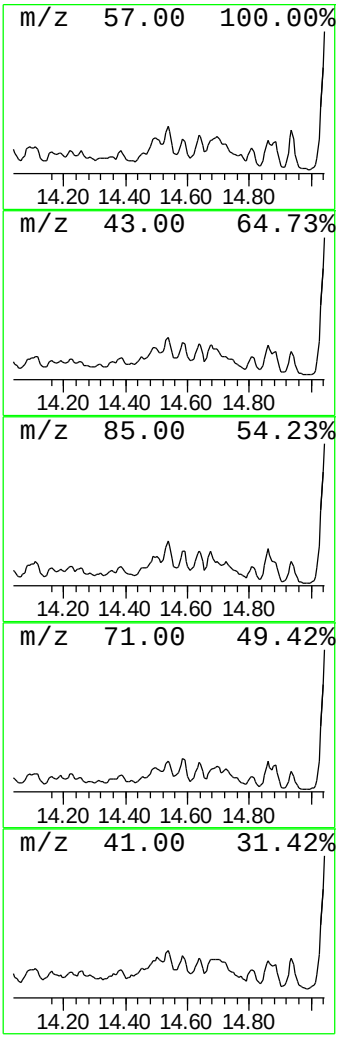
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	6.46 ng/ul	148282	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-ethyl-	184	C13H28	017312-59-3	64
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	59
3	1-Iodoundecane	282	C11H23I	004282-44-4	50
4	5-Ethyldecane	170	C12H26	017302-36-2	49
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	43





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Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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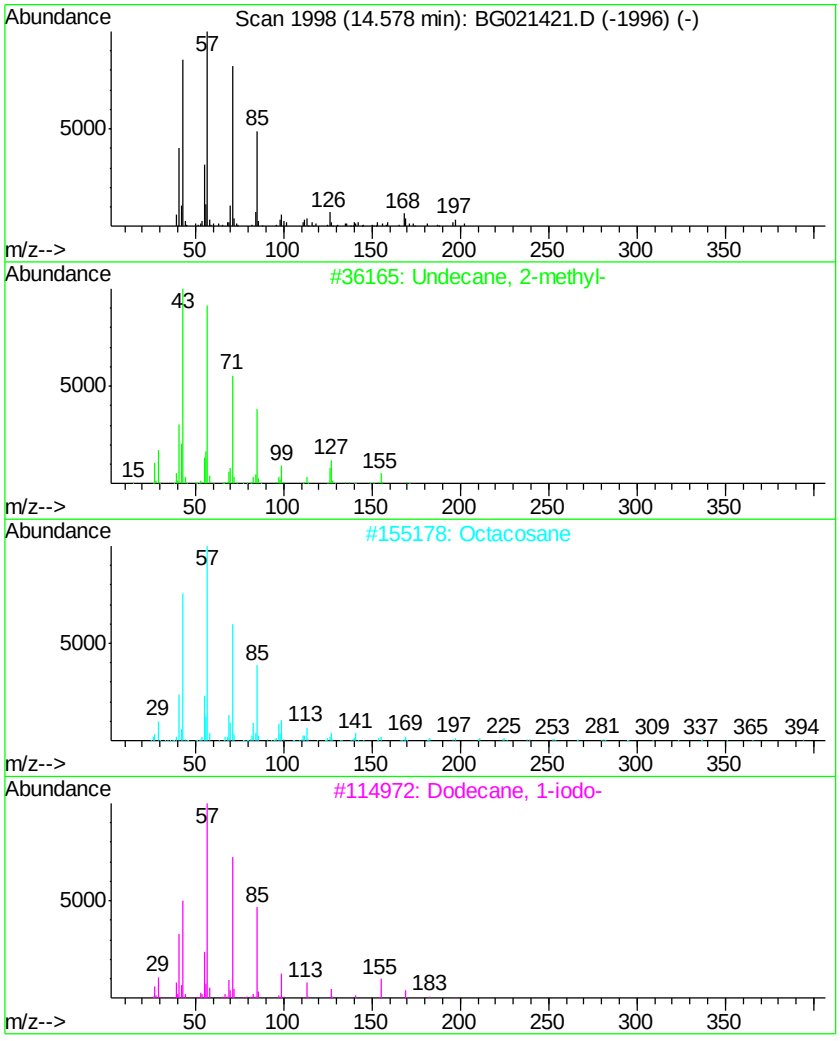
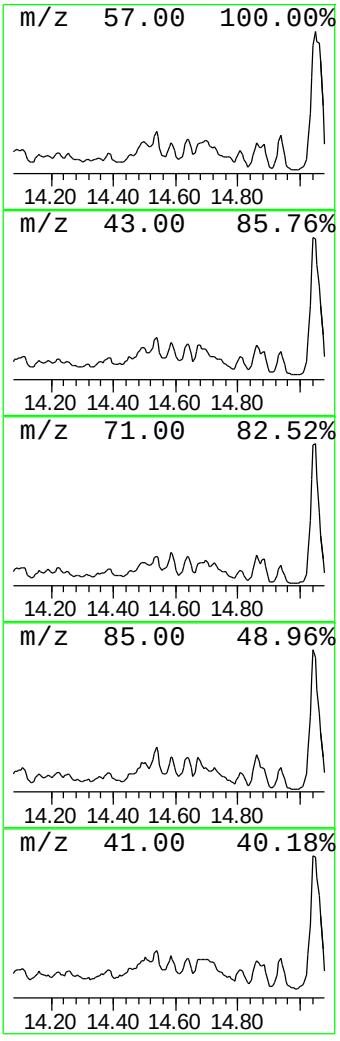
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	7.49 ng/ul	171802	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	86
2	Octacosane	394	C28H58	000630-02-4	78
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	64





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Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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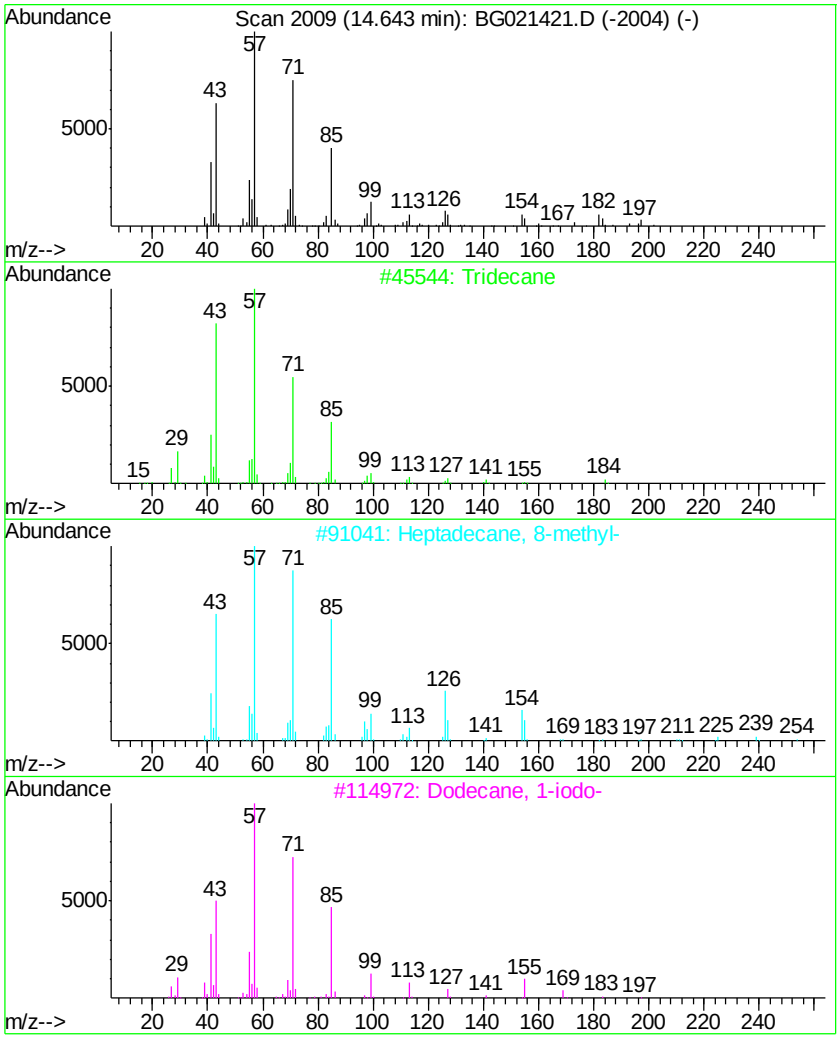
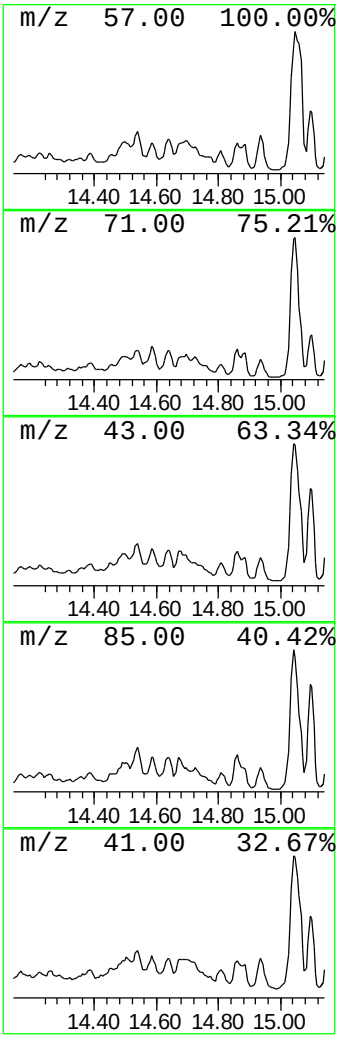
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	6.66 ng/ul	152661	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	78
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Pentadecane	212	C15H32	000629-62-9	64
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	59





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Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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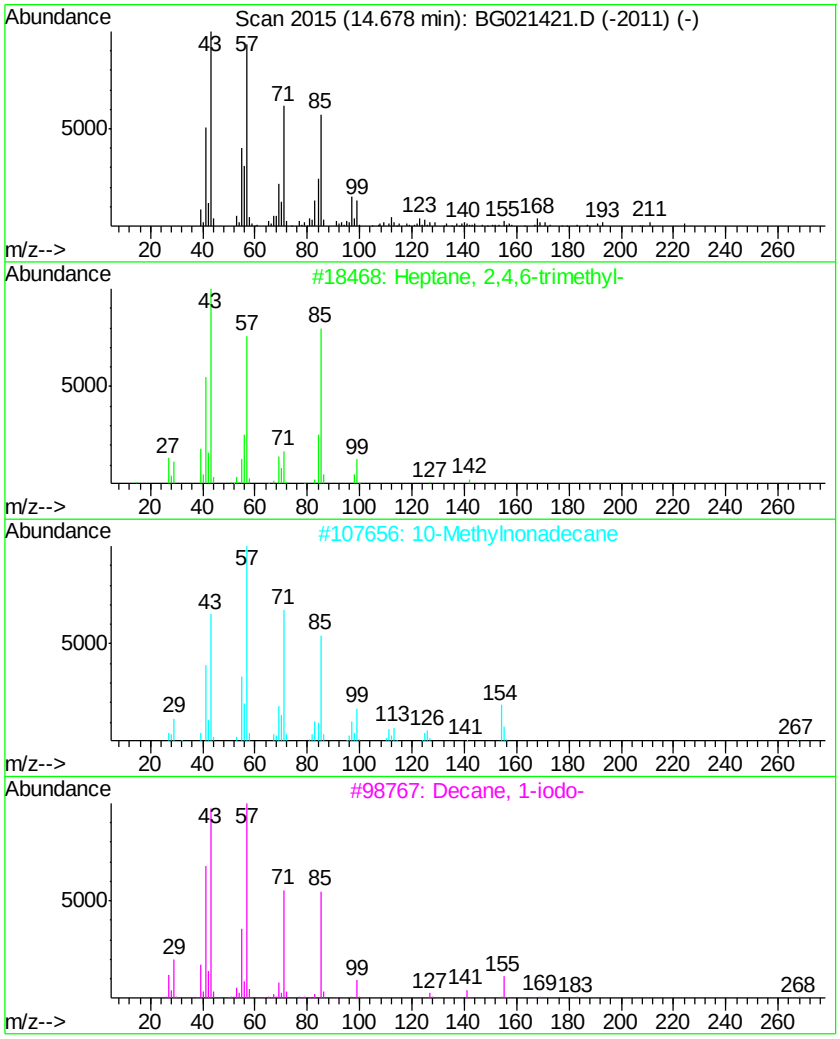
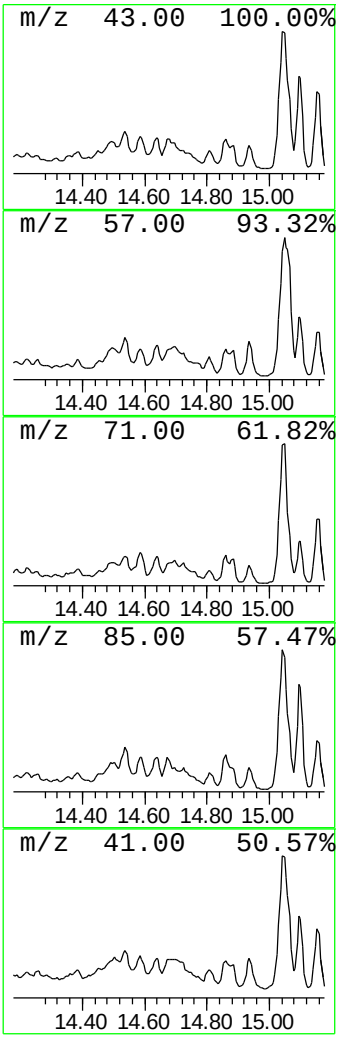
Peak Number 15 Heptane, 2,4,6-trimethyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	5.73 ng/ul	131536	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	52
2	10-Methylnonadecane	282	C20H42	056862-62-5	50
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	50
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
5	4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	43





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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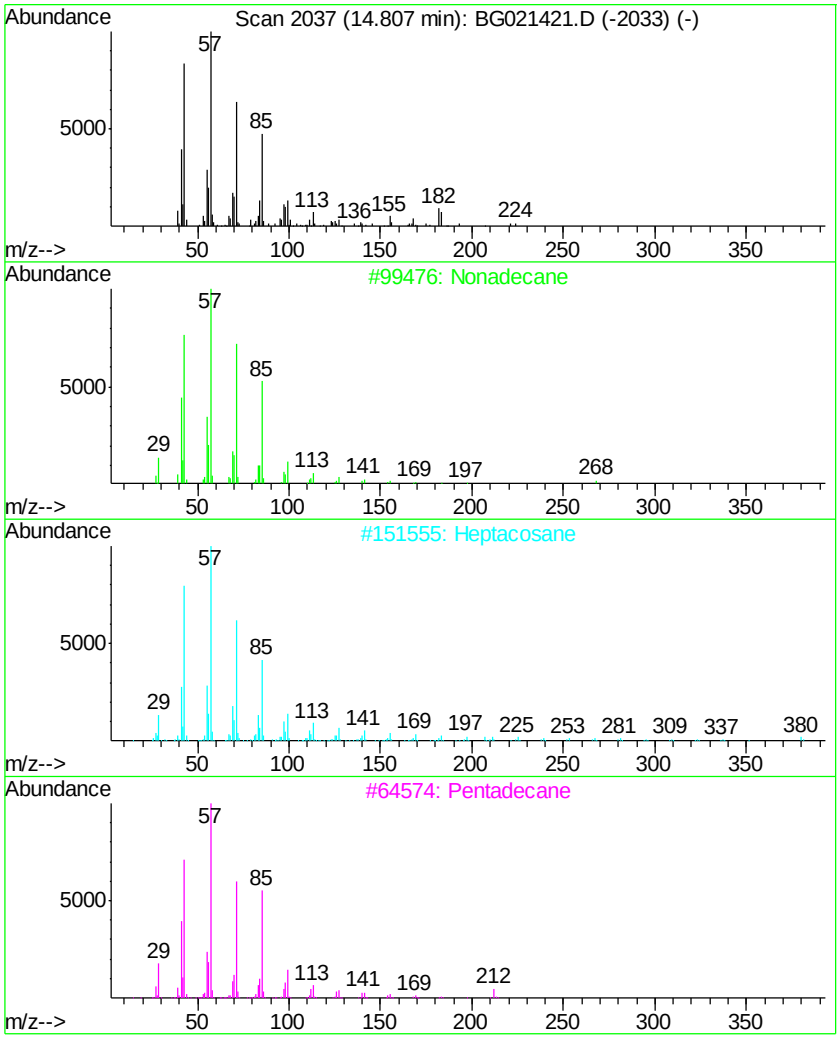
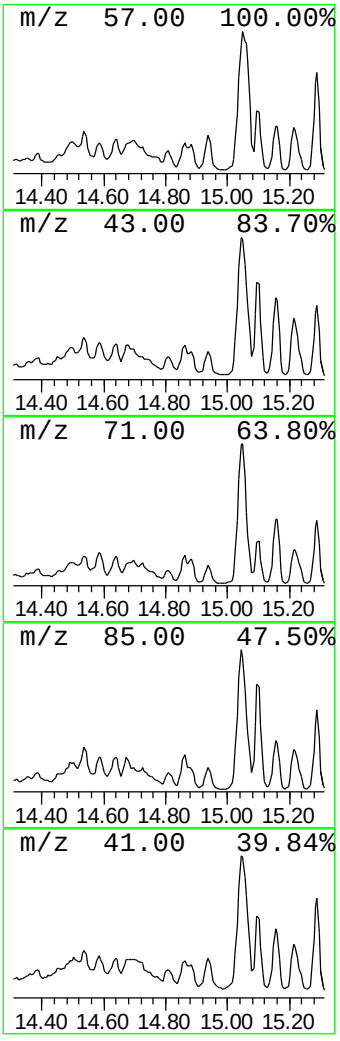
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	6.23 ng/ul	142906	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Heptacosane	380	C27H56	000593-49-7	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tridecane	184	C13H28	000629-50-5	80





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Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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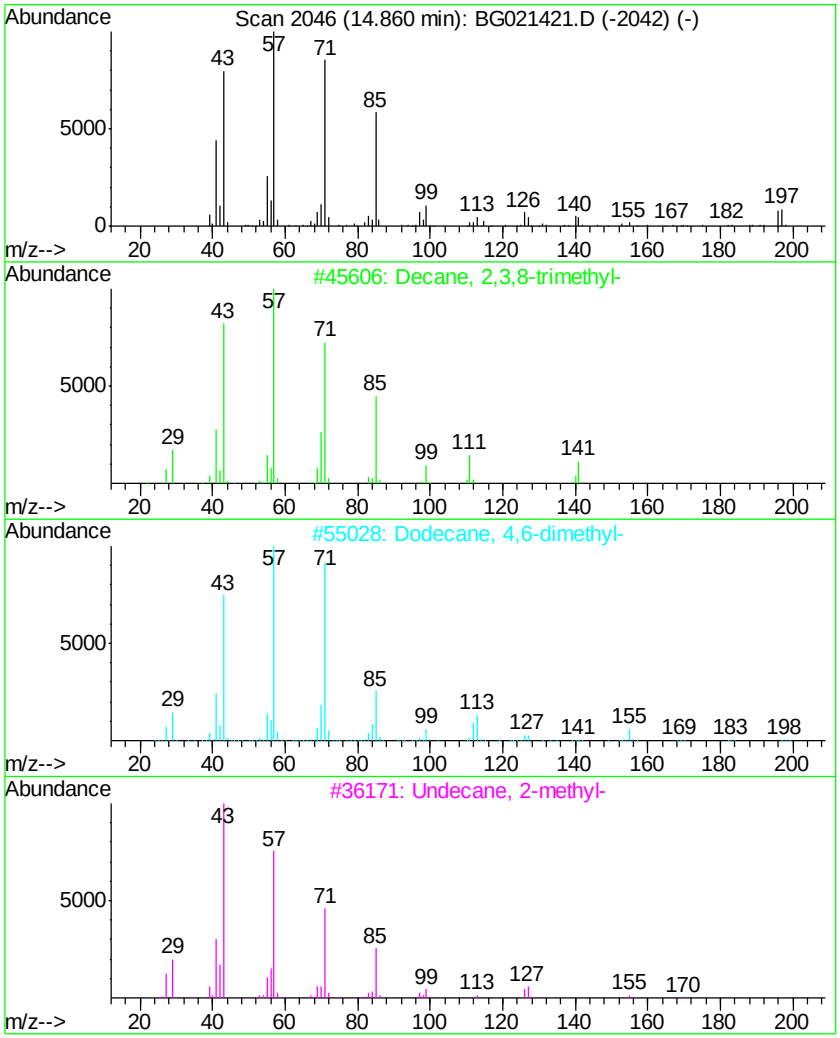
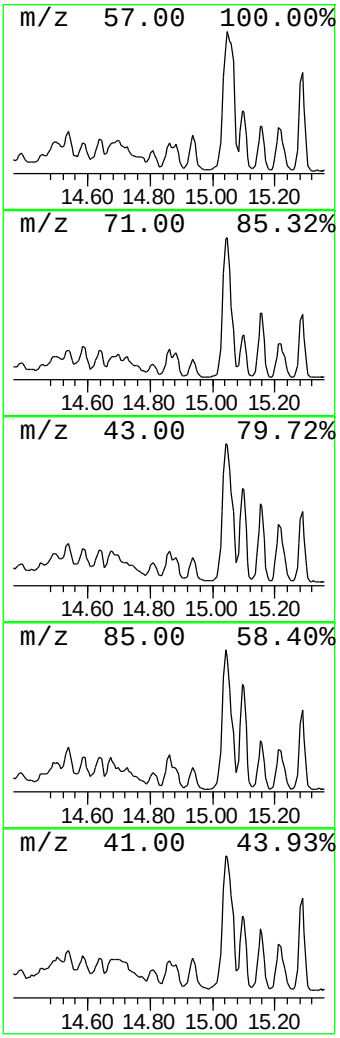
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	9.39 ng/ul	215460	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	59
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	50
5	Butanoic acid, 1-methyloctyl ester	214	C13H26O2	069727-42-0	43





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Data File : BG021421.D
Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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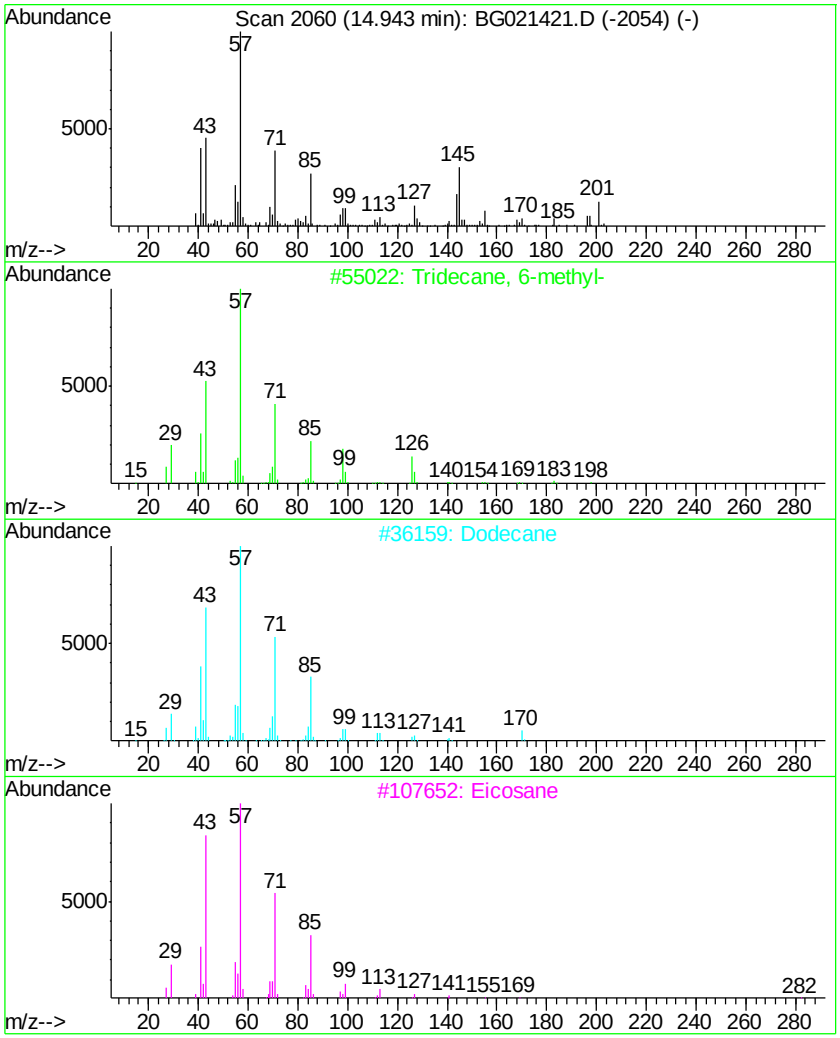
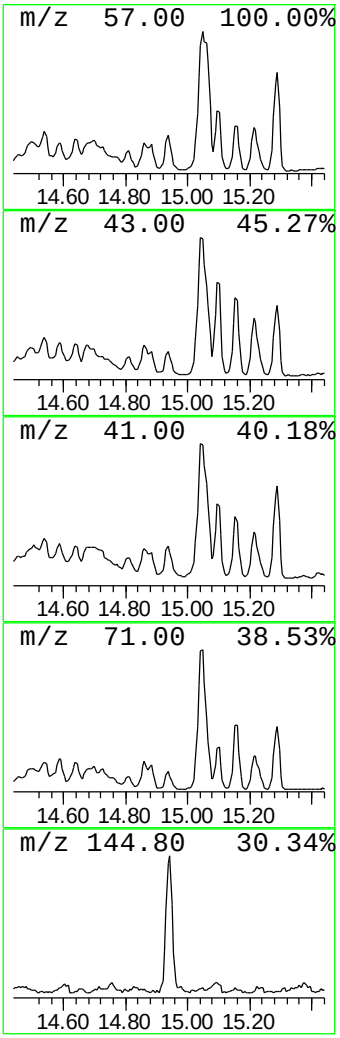
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	15.90 ng/ul	364684	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
2	Dodecane	170	C12H26	000112-40-3	52
3	Eicosane	282	C20H42	000112-95-8	49
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	47
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	47





Library Search Compound Report

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Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

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Quant Title : SVOA CALIBRATION

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

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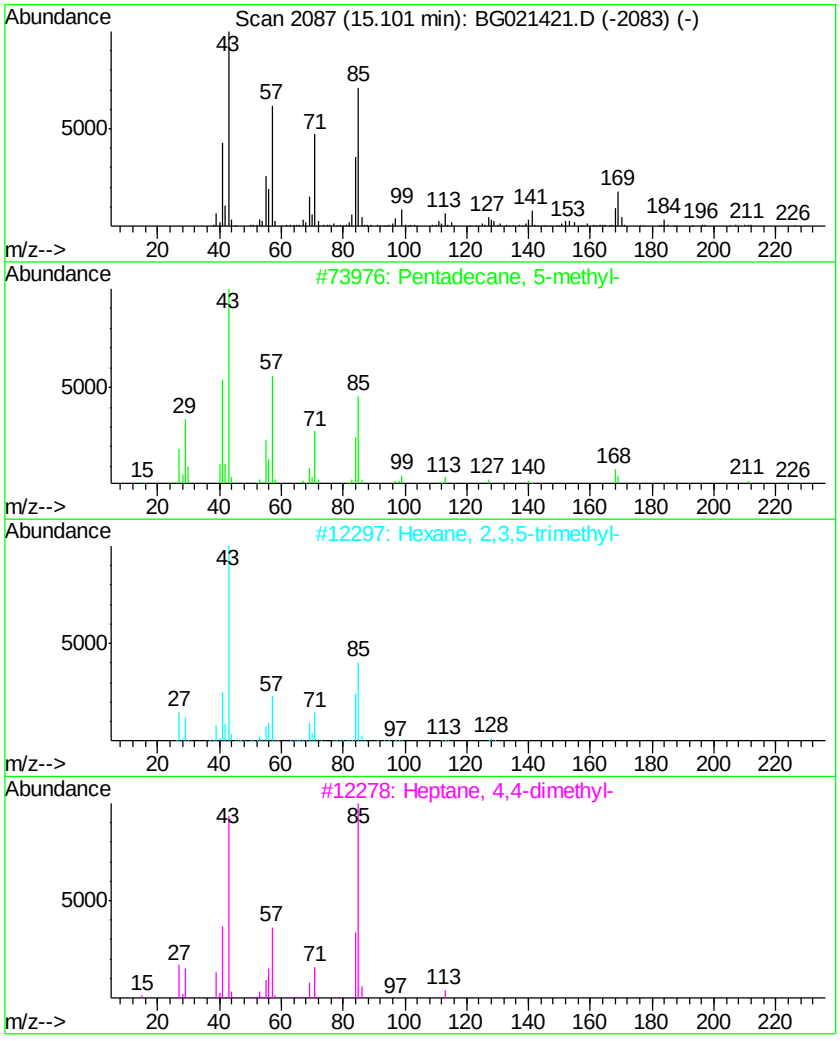
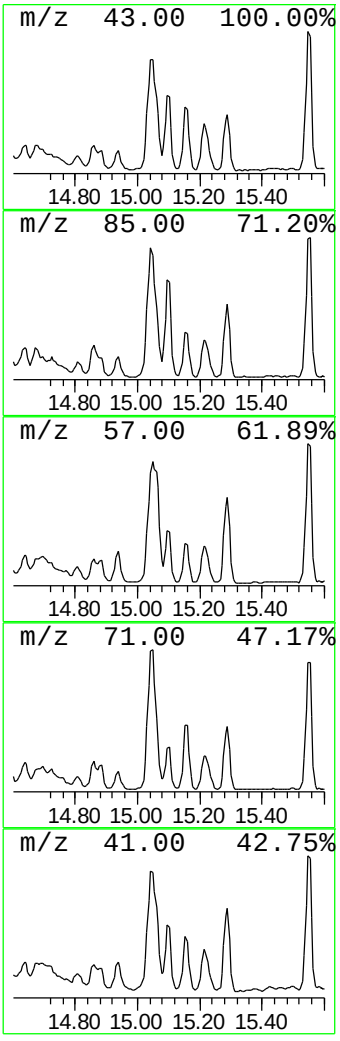
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	33.97 ng/ul	779289	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 5-methyl-	226	C16H34	025117-33-3	64
2	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	52
3	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	47
4	4,4-Dipropylheptane	184	C13H28	017312-72-0	47
5	Nonane, 5-methyl-	142	C10H22	015869-85-9	43





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Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

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Quant Title : SVOA CALIBRATION

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

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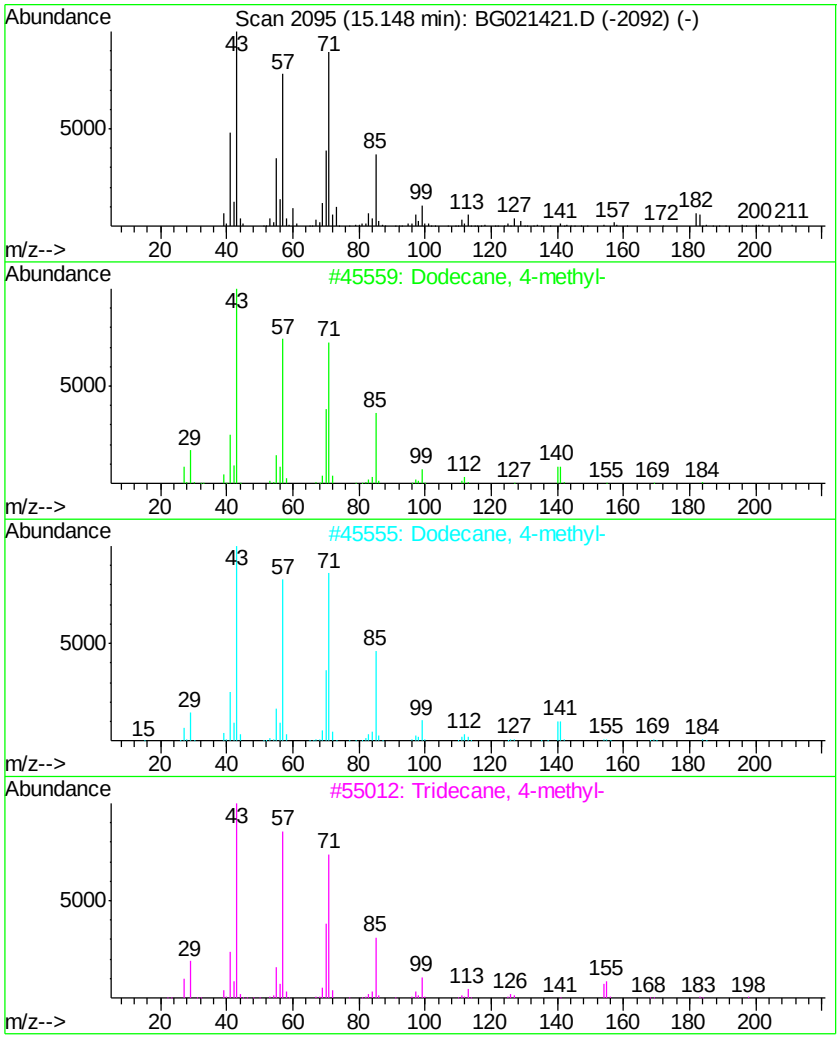
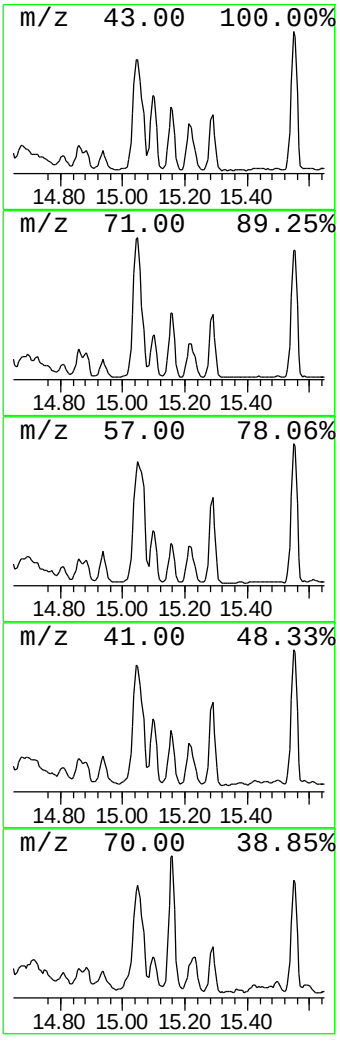
Peak Number 20 (DEL) Alkane: Cyclic15.15 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	25.16 ng/ul	577230	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	94
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	93
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	86
4	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	86
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	52





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ClientSampleId : BLDG06-P001-SS001-02

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Quant Title : SVOA CALIBRATION

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

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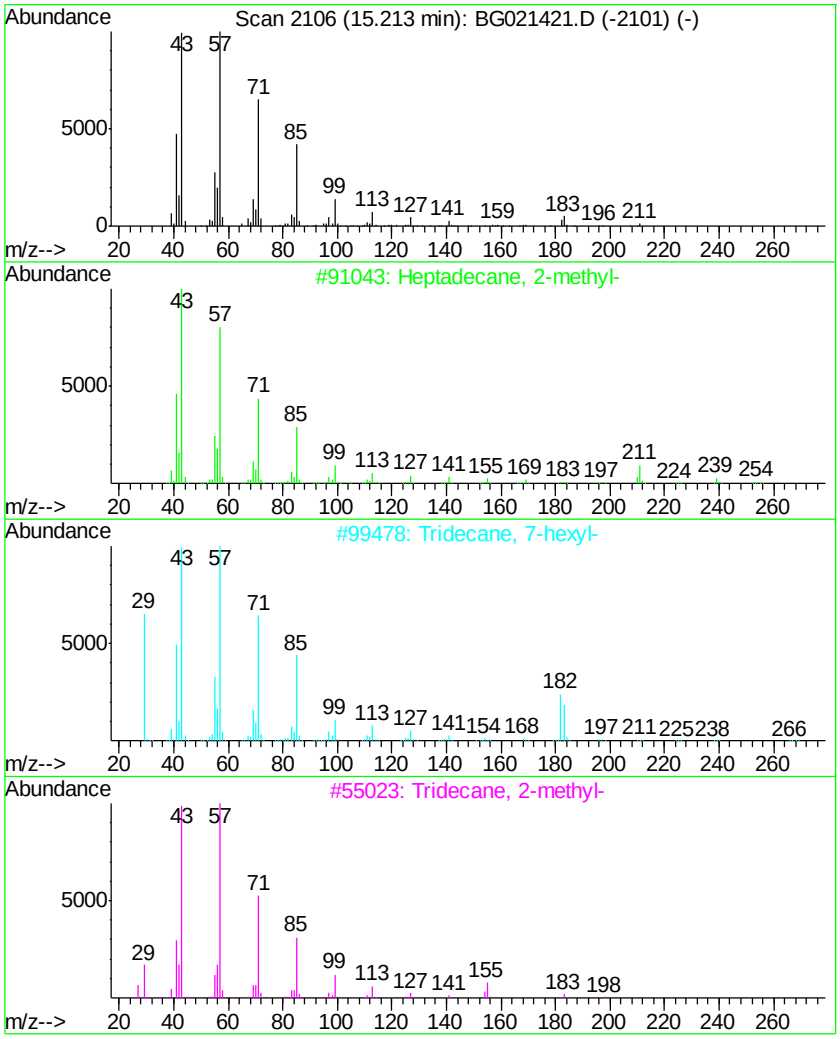
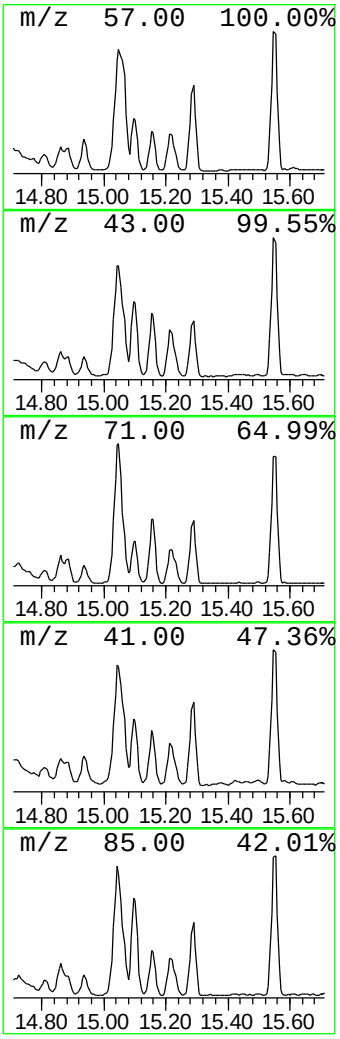
Peak Number 21 (DEL) Alkane: Branched15.21 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	22.18 ng/ul	508668	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

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Quant Title : SVOA CALIBRATION

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

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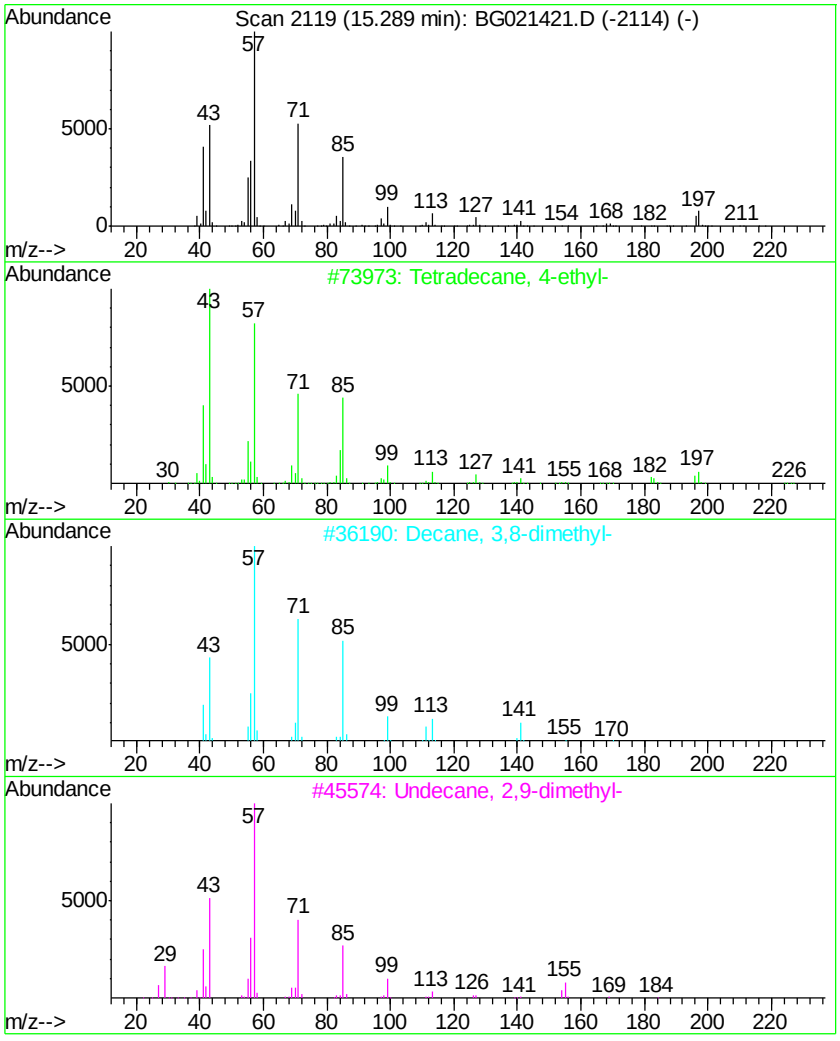
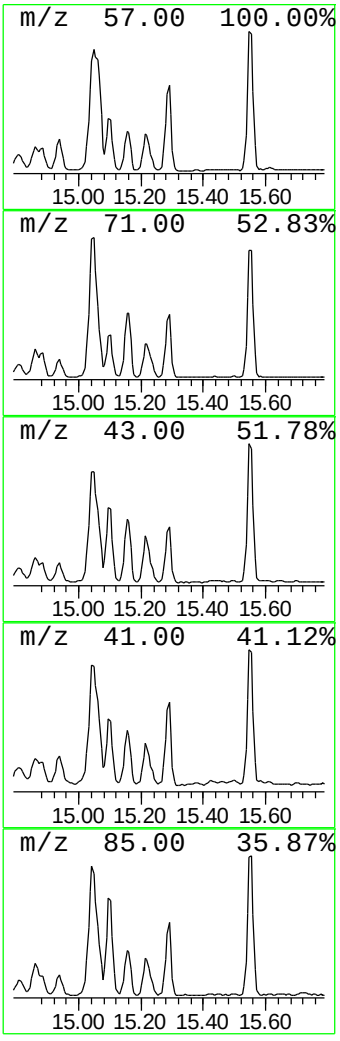
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	32.68 ng/ul	749621	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	86
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
3	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72





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Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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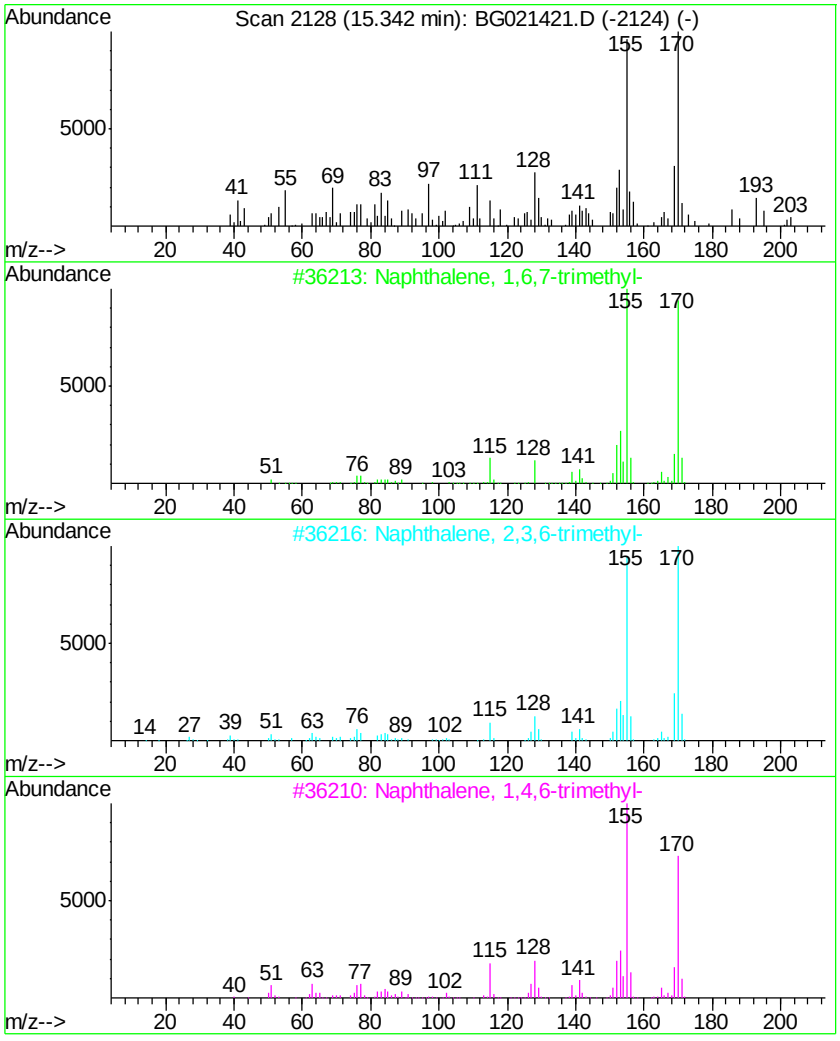
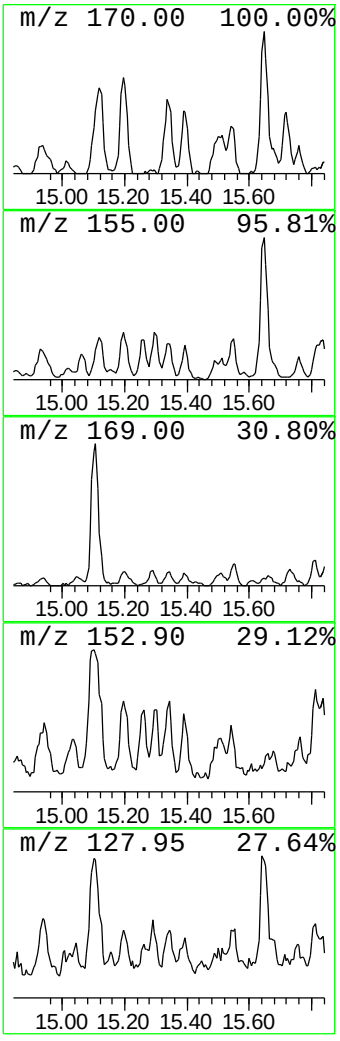
Peak Number 23 Naphthalene, 1,6,7-trimethyl- Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	2.19 ng/ul	50184	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

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Quant Title : SVOA CALIBRATION

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

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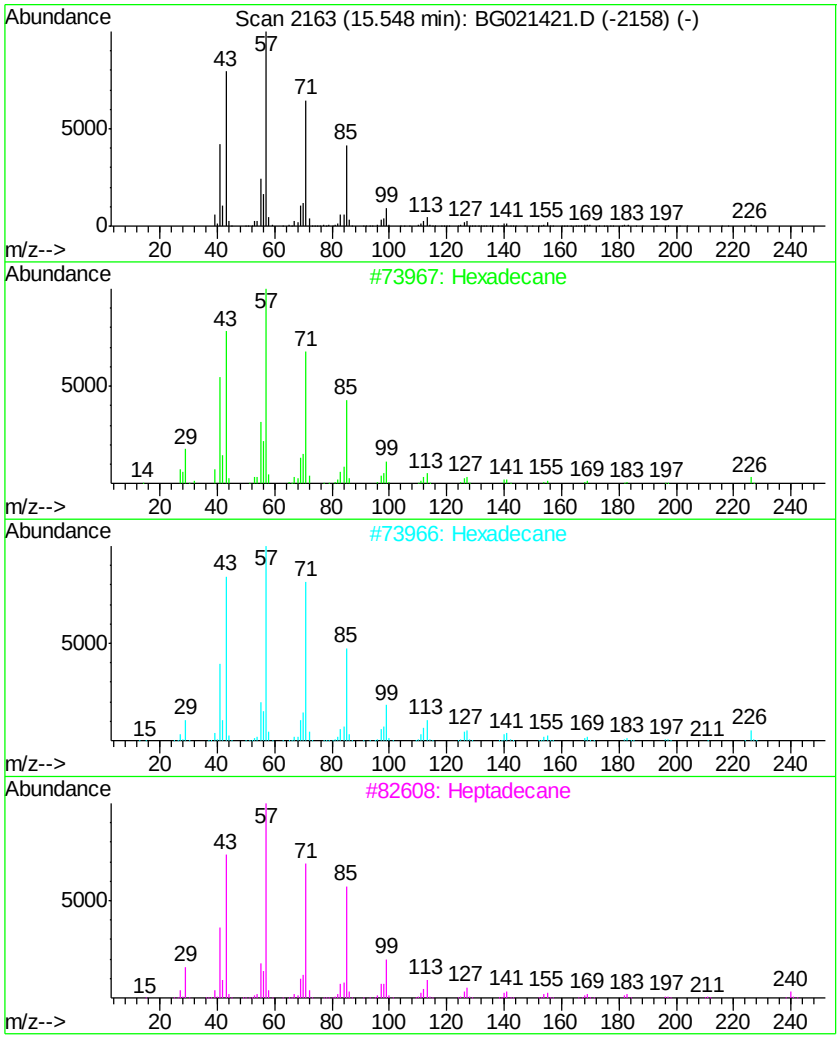
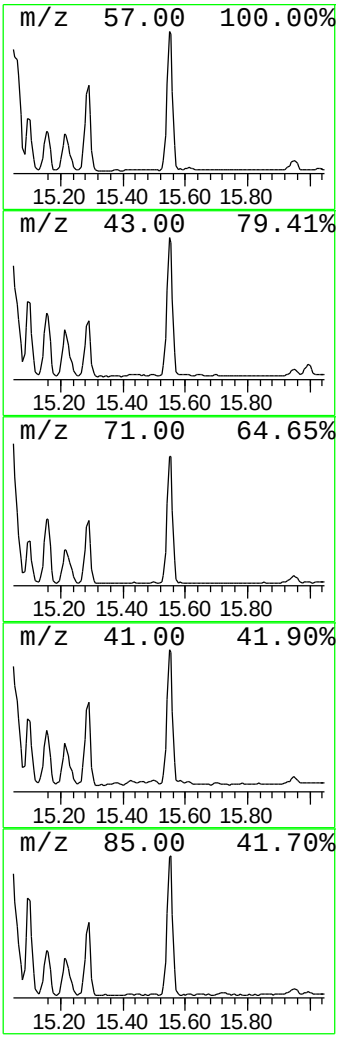
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	55.95 ng/ul	1283470	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Hexadecane	226	C16H34	000544-76-3	94
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87





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Sample : H1616-04
Misc :
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Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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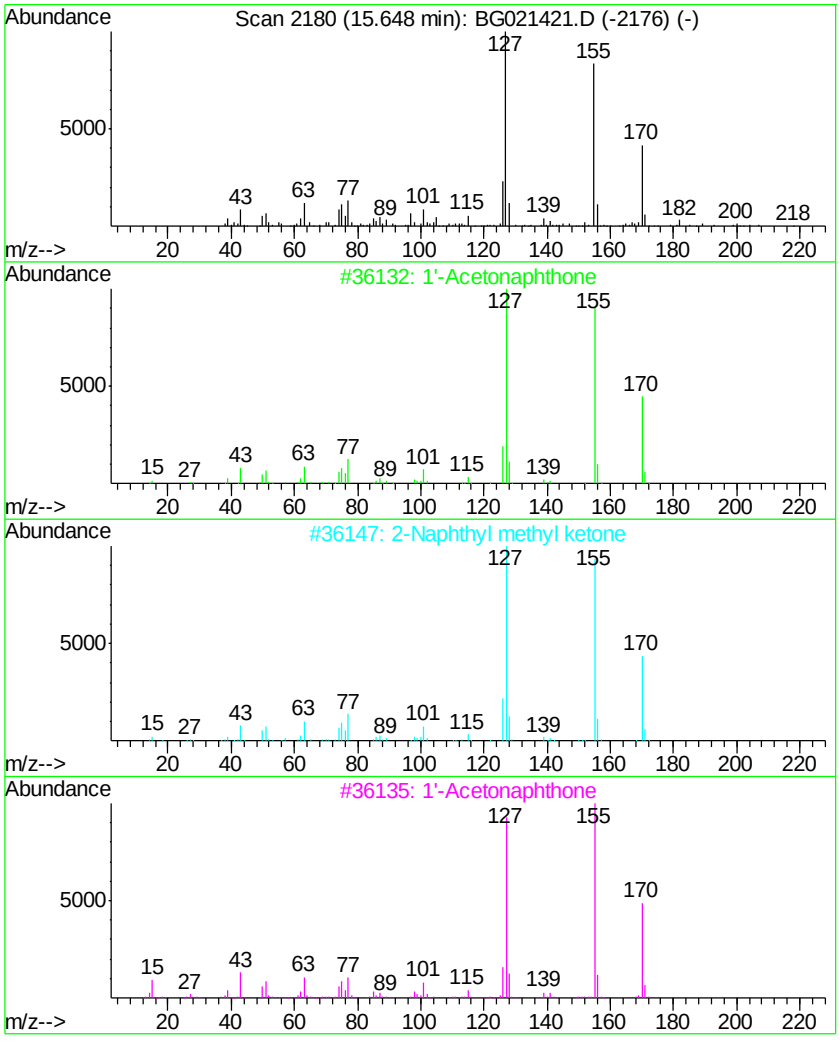
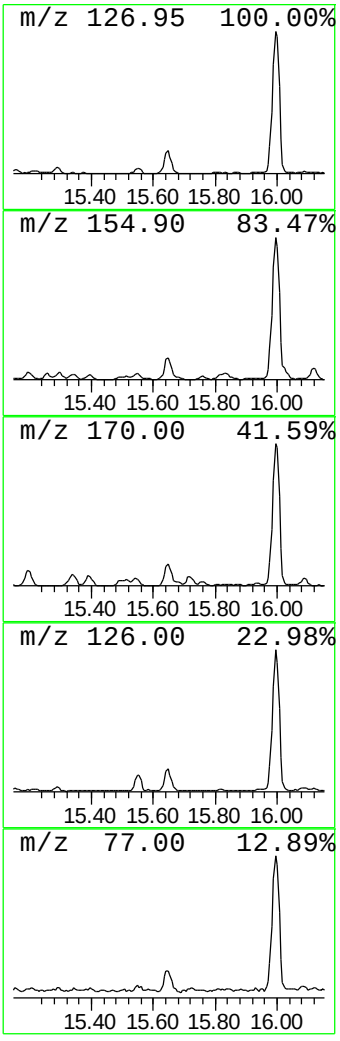
Peak Number 25 1'-Acetonaphthone Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	6.01 ng/ul	137765	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1'-Acetonaphthone	170	C12H10O	000941-98-0	97
2	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	96
3	1'-Acetonaphthone	170	C12H10O	000941-98-0	96
4	1'-Acetonaphthone	170	C12H10O	000941-98-0	90
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	90





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Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

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Quant Title : SVOA CALIBRATION

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

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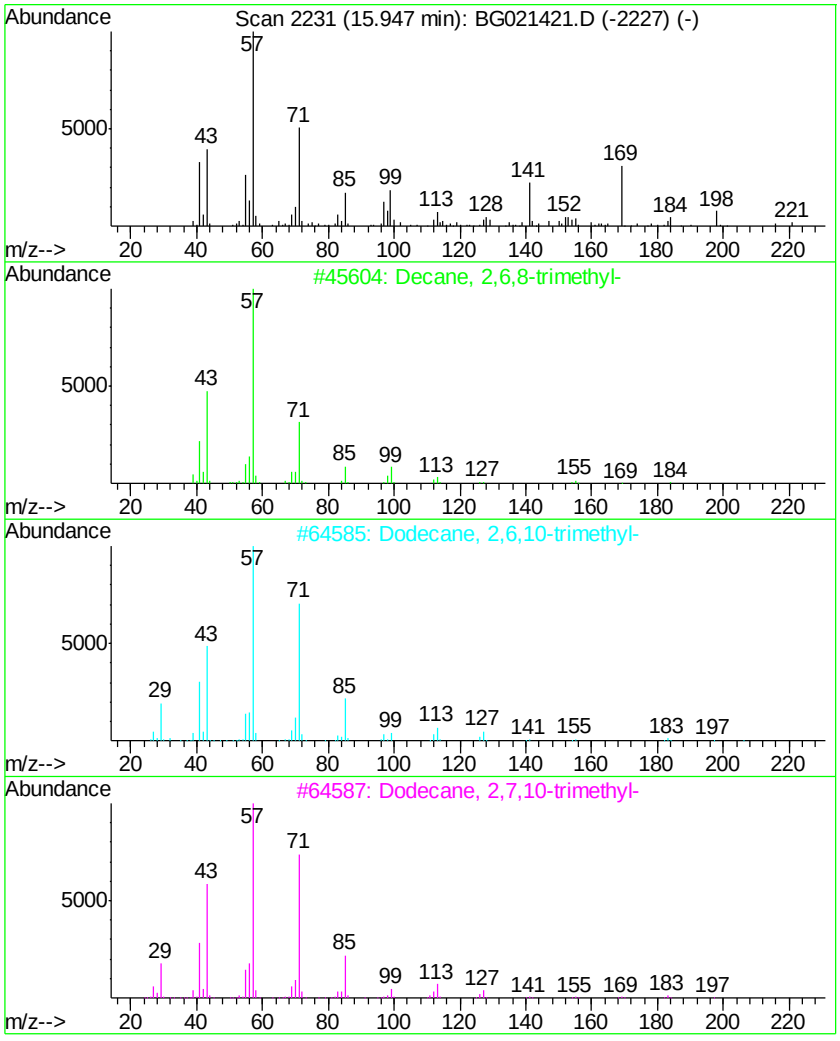
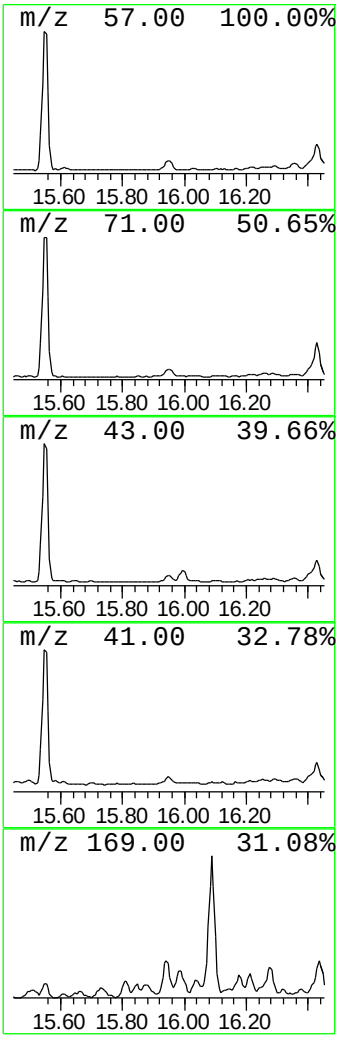
Peak Number 26 (DEL) Alkane: Branched15.95 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	3.75 ng/ul	86100	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	46
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	43
5	Pentadecane	212	C15H32	000629-62-9	38





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ClientSampleId : BLDG06-P001-SS001-02

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Quant Title : SVOA CALIBRATION

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

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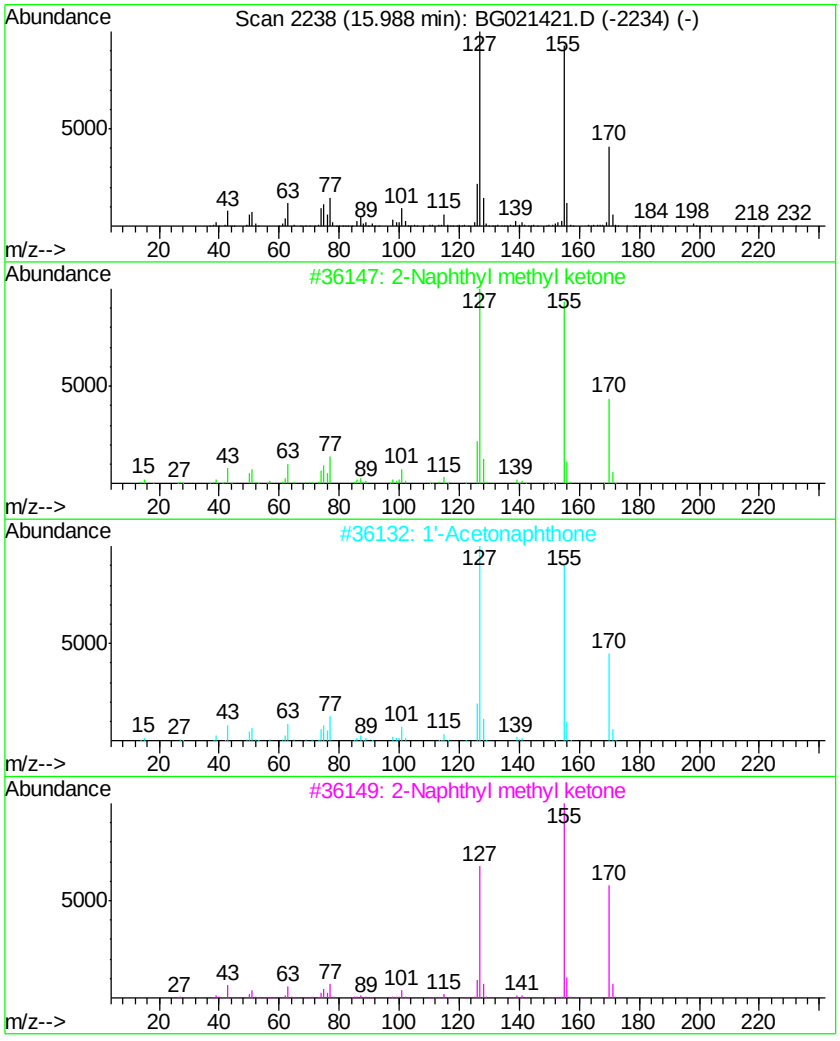
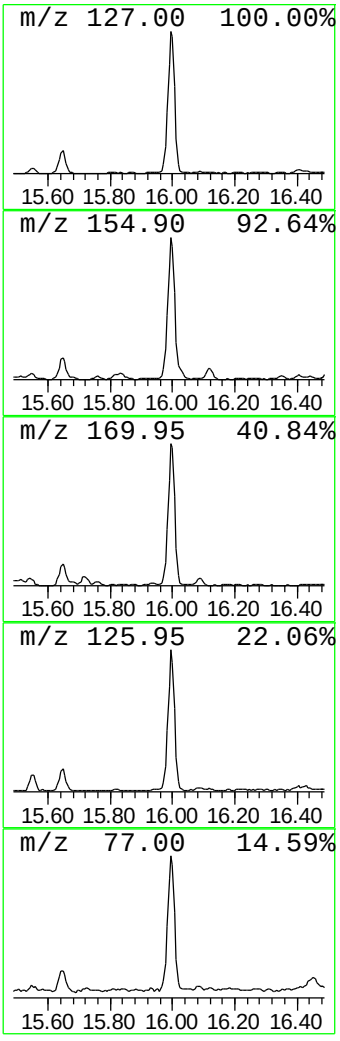
Peak Number 27 2-Naphthyl methyl ketone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	40.87 ng/ul	937568	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	98
2	1'-Acetonaphthone	170	C12H10O	000941-98-0	97
3	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	96
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	94
5	1'-Acetonaphthone	170	C12H10O	000941-98-0	93





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ClientSampleId : BLDG06-P001-SS001-02

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Quant Title : SVOA CALIBRATION

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

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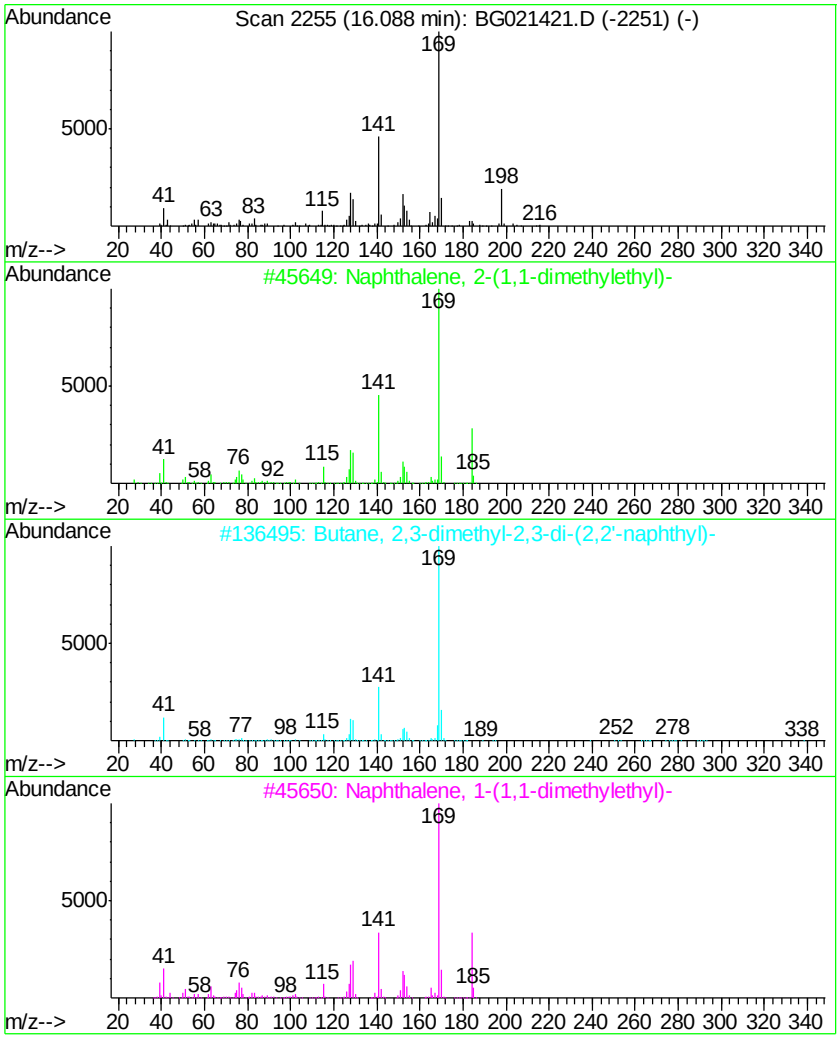
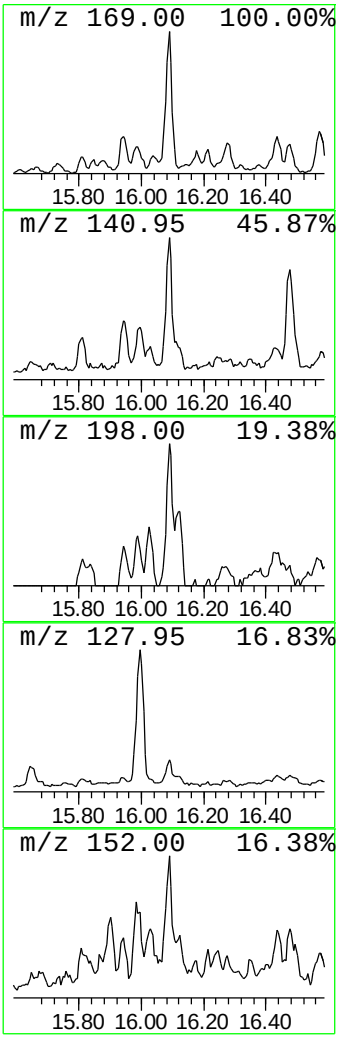
Peak Number 28 Naphthalene, 2-(1,1-dimethy... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	3.73 ng/ul	85605	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1,1-dimethylethyl)-	184	C14H16	002876-35-9	72
2	Butane, 2,3-dimethyl-2,3-di-(2,2...	338	C26H26	1000150-93-8	64
3	Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	59
4	2(1H)-Pyridinethione, 1-ethyl-3-...	169	C8H11NOS	024207-15-6	52
5	.beta.-Carboline, 5-methoxy-	198	C12H10N2O	1000117-57-6	47





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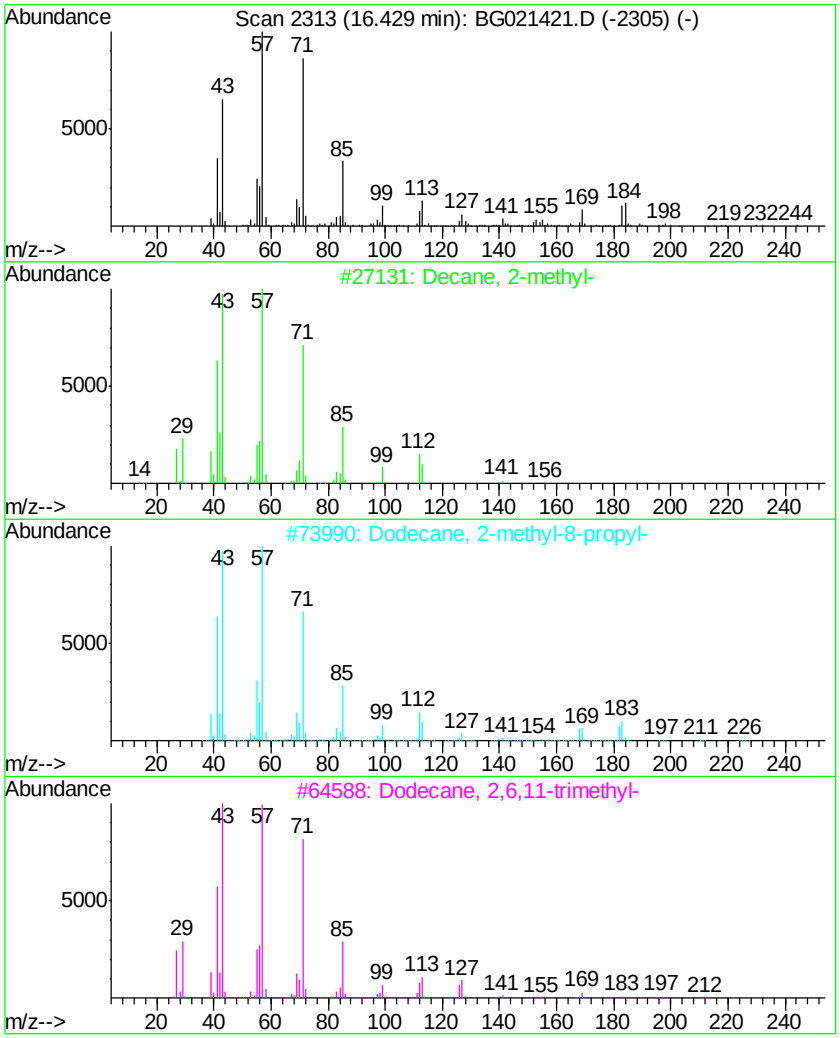
Quant Title : SVOA CALIBRATION

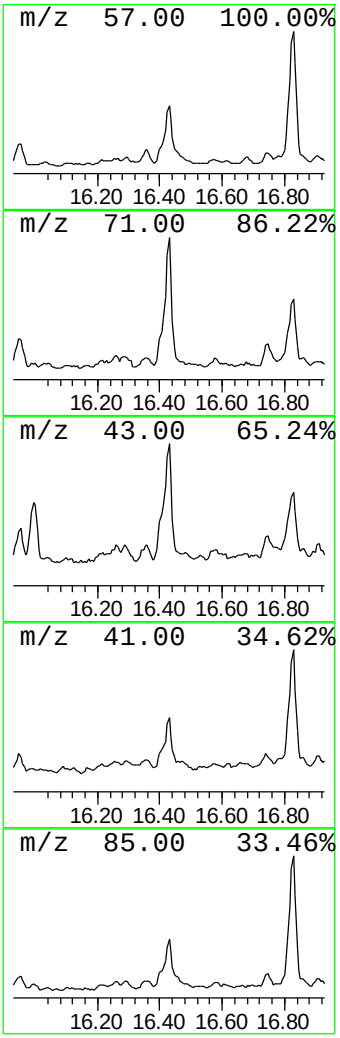
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	46.05 ng/ul	441994	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	87
2	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	86
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	68
5	Decane, 2-methyl-	156	C11H24	006975-98-0	68





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021421.D
Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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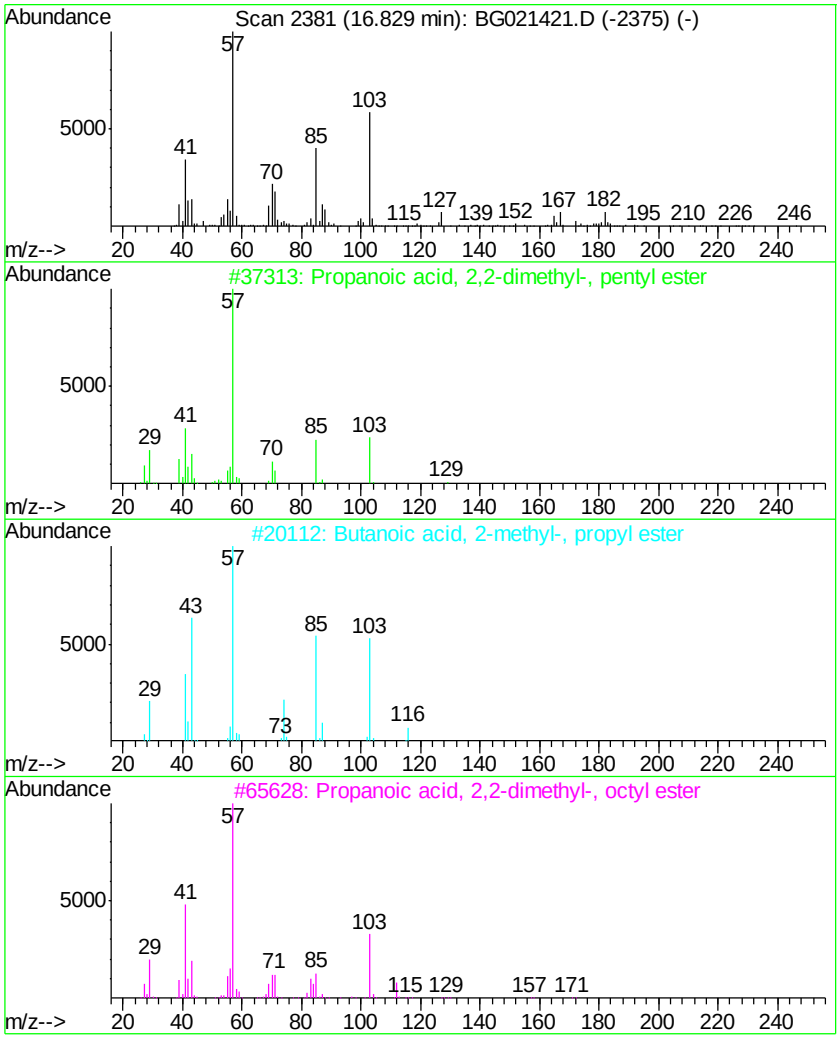
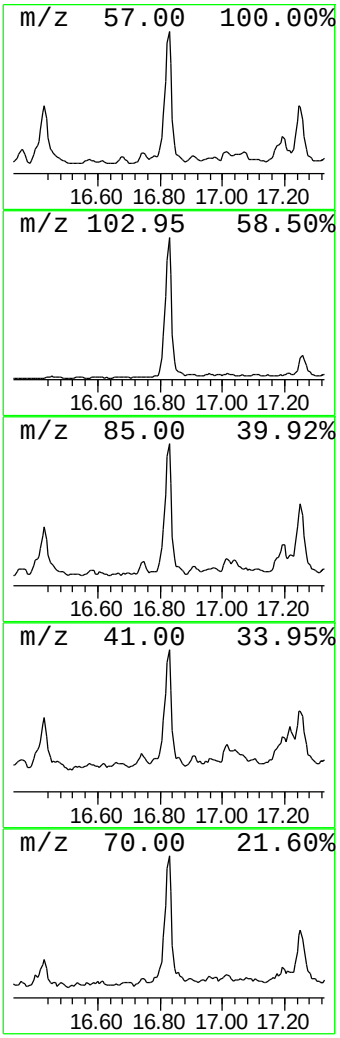
Peak Number 31 Propanoic acid, 2,2-dimethy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	72.35 ng/ul	694456	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2-dimethyl-, p...	172	C10H20O2	002313-68-0	64
2	Butanoic acid, 2-methyl-, propyl...	144	C8H16O2	037064-20-3	53
3	Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	47
4	Propanoic acid, 2,2-dimethyl-, p...	172	C10H20O2	002313-68-0	42
5	Butyl 2-methylbutanoate	158	C9H18O2	015706-73-7	42





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Data File : BG021421.D
Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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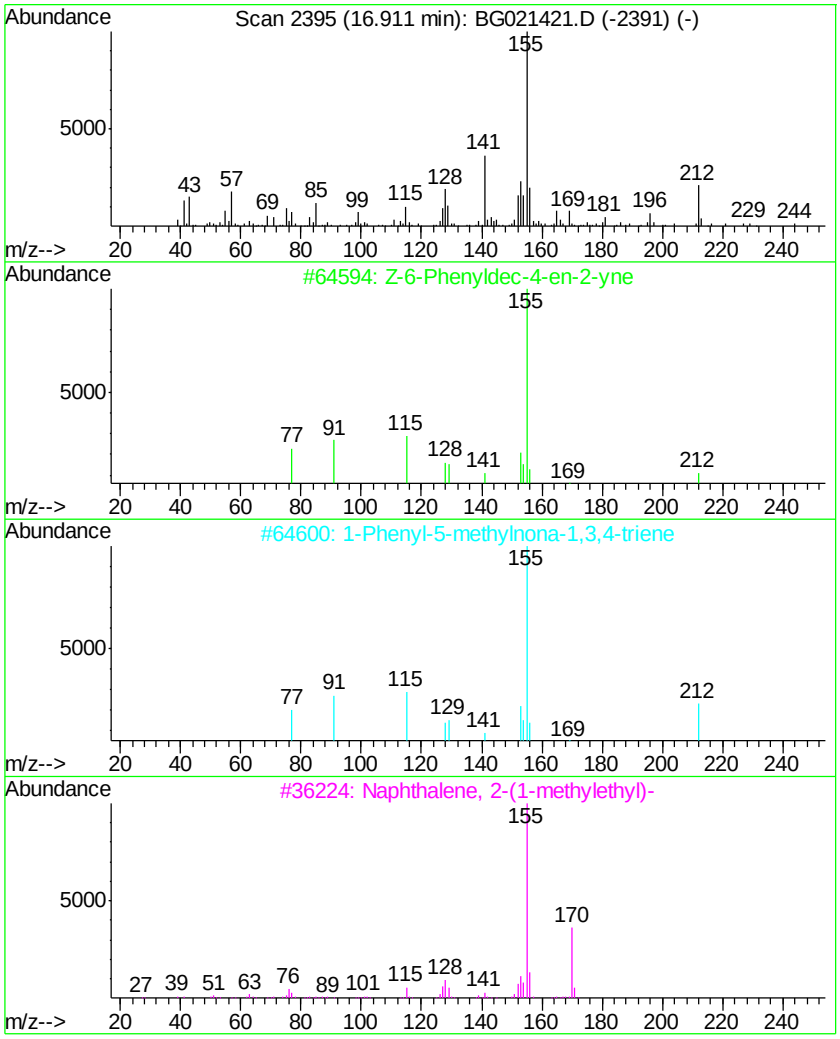
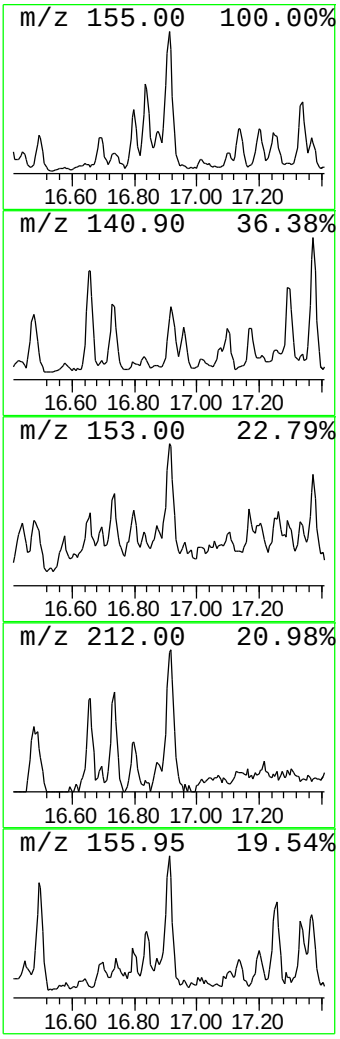
Peak Number 32 Z-6-Phenyldec-4-en-2-yne Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	14.09 ng/ul	135256	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-6-Phenyldec-4-en-2-yne	212	C16H20	103240-99-9	72
2	1-Phenyl-5-methylnona-1,3,4-triene	212	C16H20	103240-86-4	64
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	62
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	59
5	Tricyclo[3.3.1.1(3,7)]decane, 1-...	212	C16H20	000780-68-7	53





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021421.D
Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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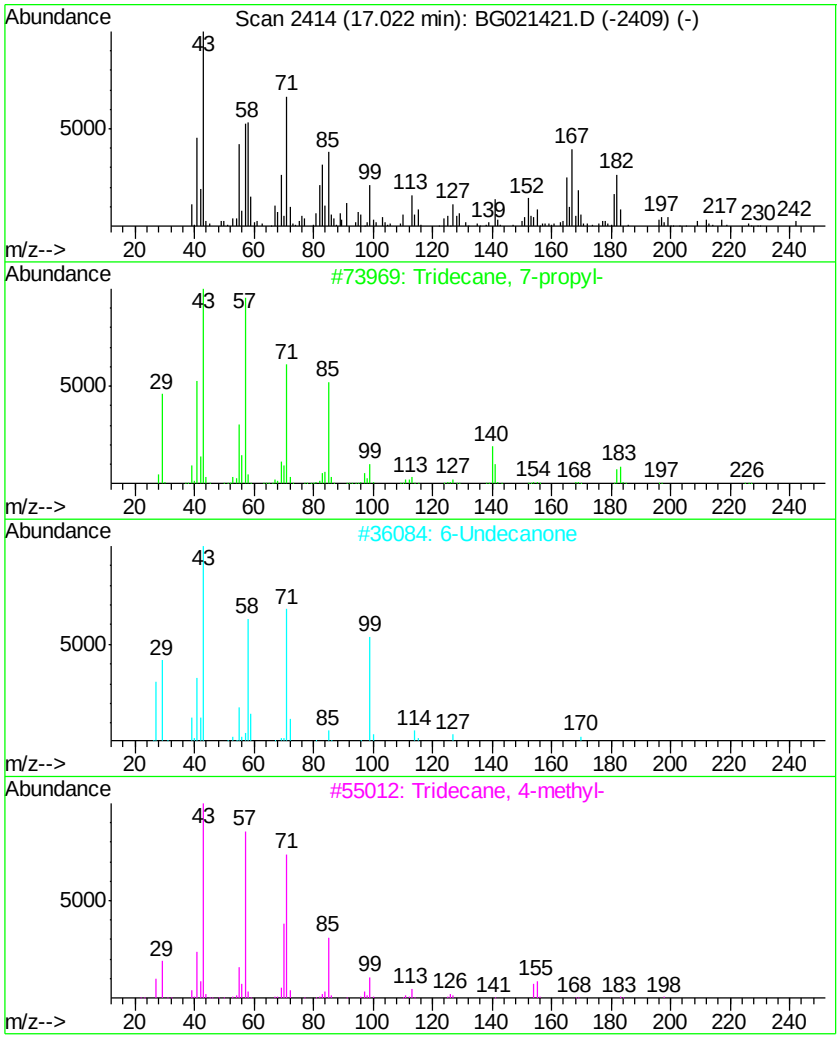
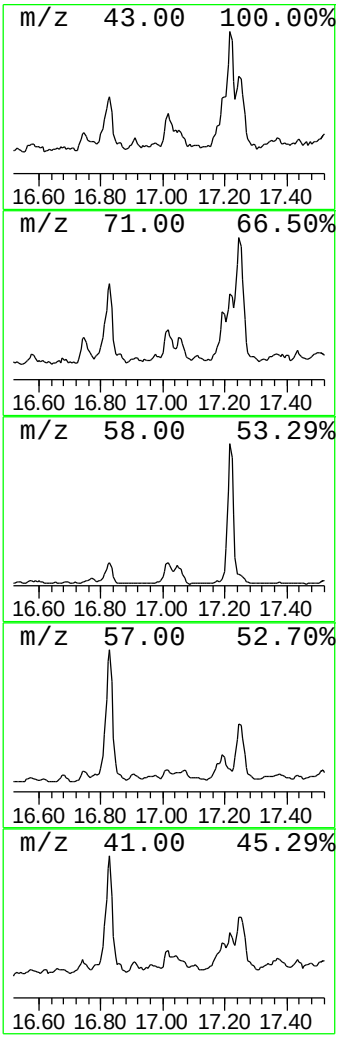
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	13.59 ng/ul	130460	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	42
2	6-Undecanone	170	C11H22O	000927-49-1	30
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	30
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	30
5	Heptadecane	240	C17H36	000629-78-7	20





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021421.D
Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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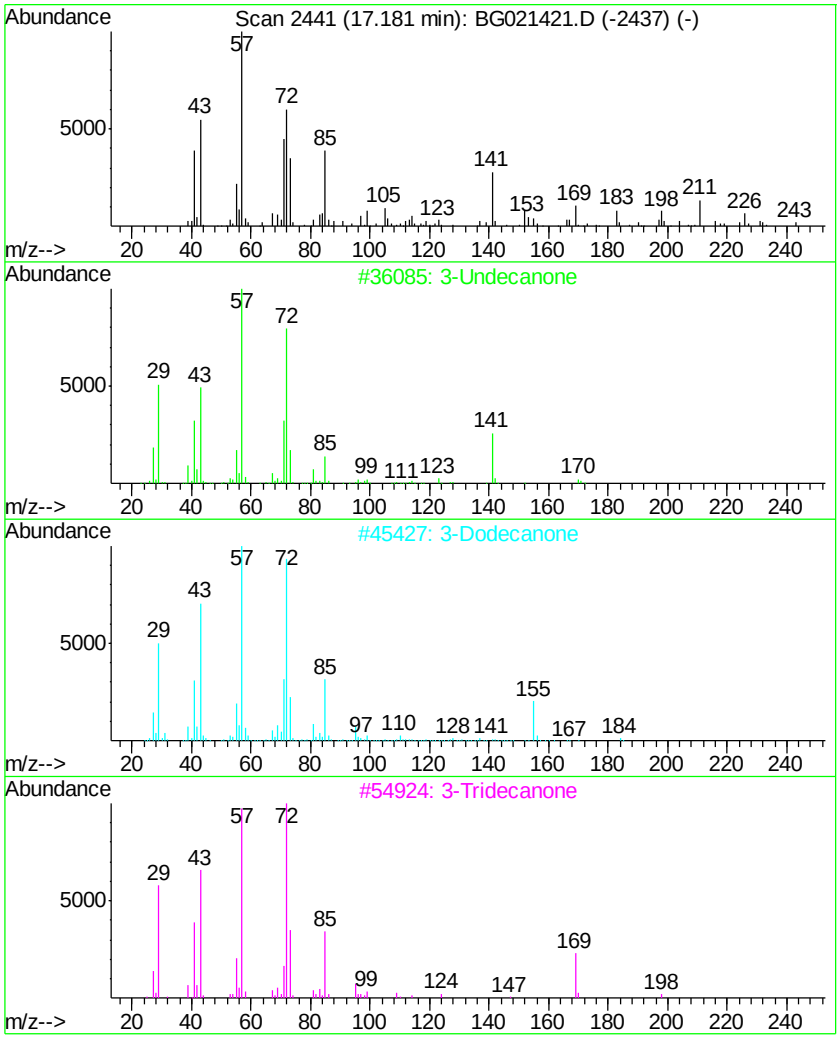
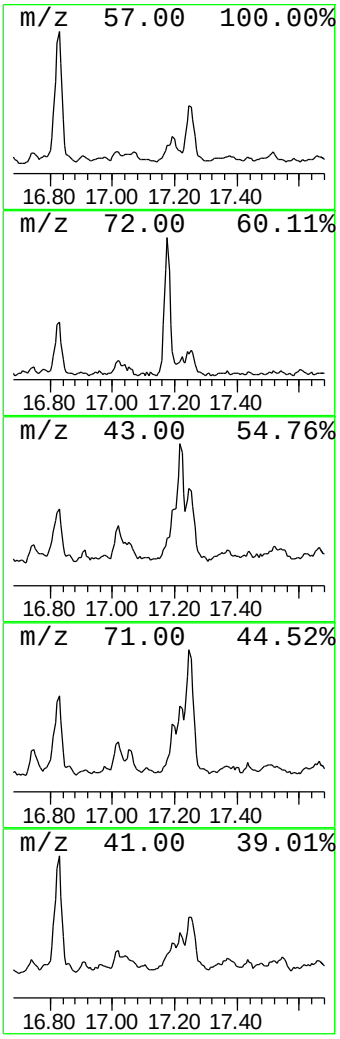
Peak Number 34 (DEL) Alkane: Branched17.18 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	5.87 ng/ul	56321	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Undecanone	170	C11H22O	002216-87-7	62
2	3-Dodecanone	184	C12H24O	001534-27-6	58
3	3-Tridecanone	198	C13H26O	001534-26-5	53
4	3-Undecanone	170	C11H22O	002216-87-7	52
5	3-Tridecanone	198	C13H26O	001534-26-5	52





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021421.D
Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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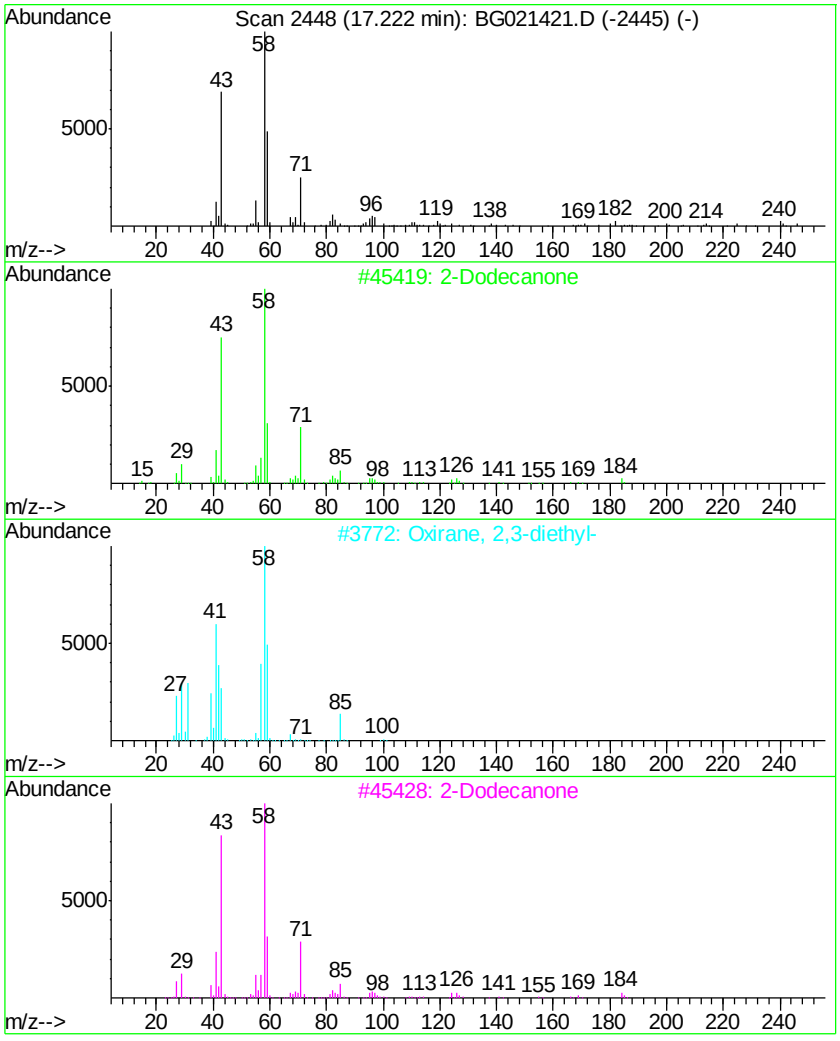
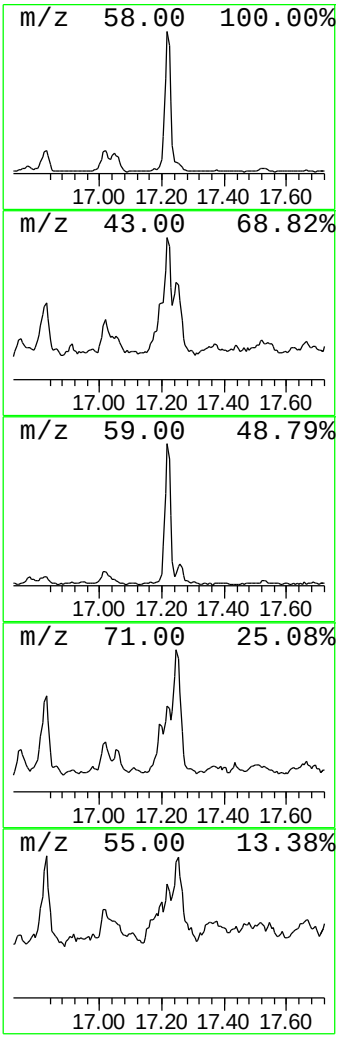
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	18.56 ng/ul	178154	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecanone	184	C12H24O	006175-49-1	59
2	Oxirane, 2,3-diethyl-	100	C6H12O	004468-66-0	53
3	2-Dodecanone	184	C12H24O	006175-49-1	50
4	2-Tetradecanone	212	C14H28O	002345-27-9	45
5	2-Hexadecanone	240	C16H32O	018787-63-8	40





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021421.D
Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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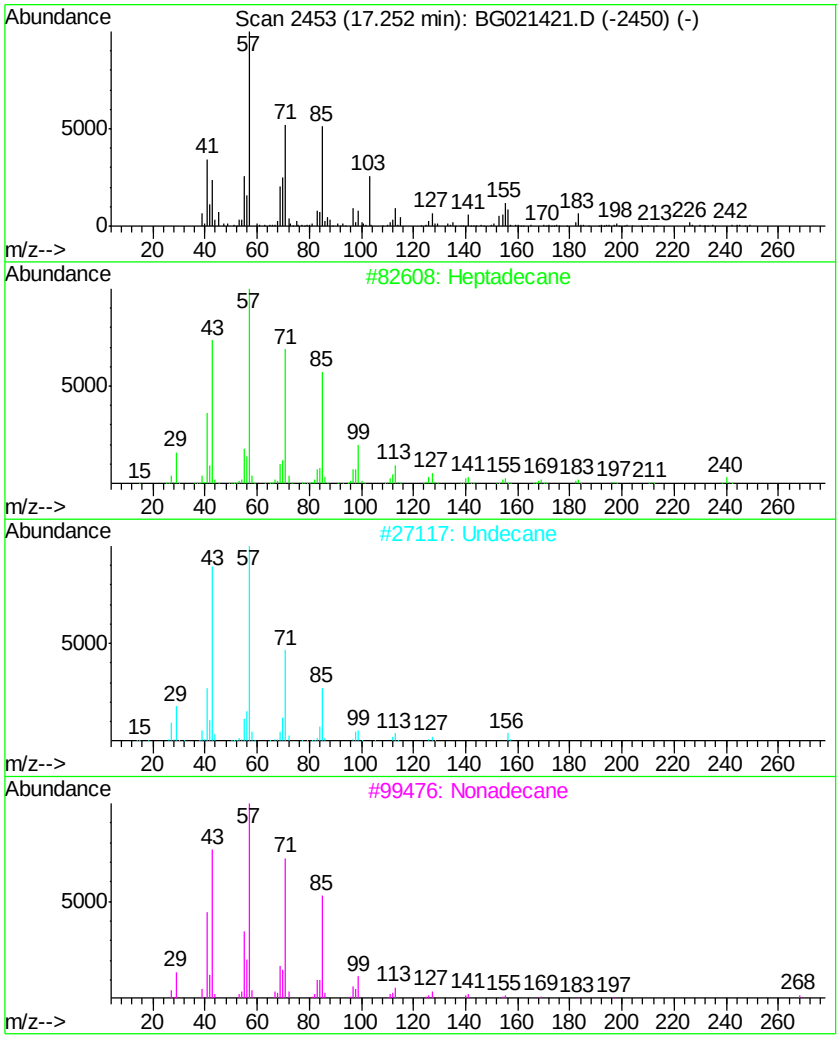
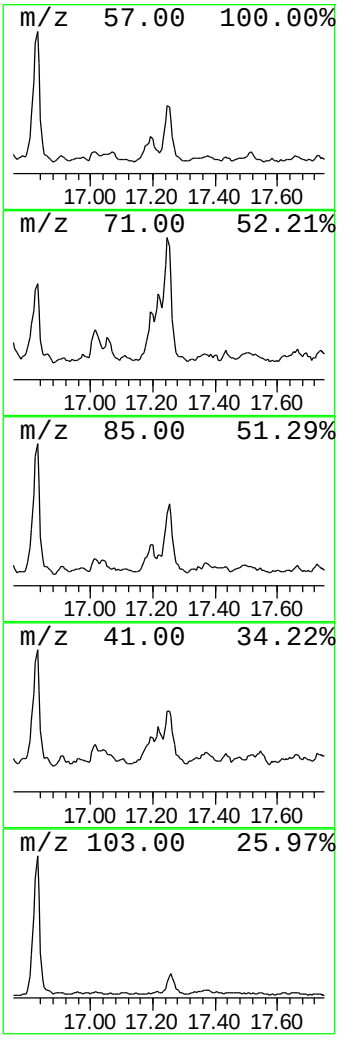
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	29.12 ng/ul	279525	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	53
2	Undecane	156	C11H24	001120-21-4	53
3	Nonadecane	268	C19H40	000629-92-5	53
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	52
5	Pentadecane	212	C15H32	000629-62-9	50





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021421.D
Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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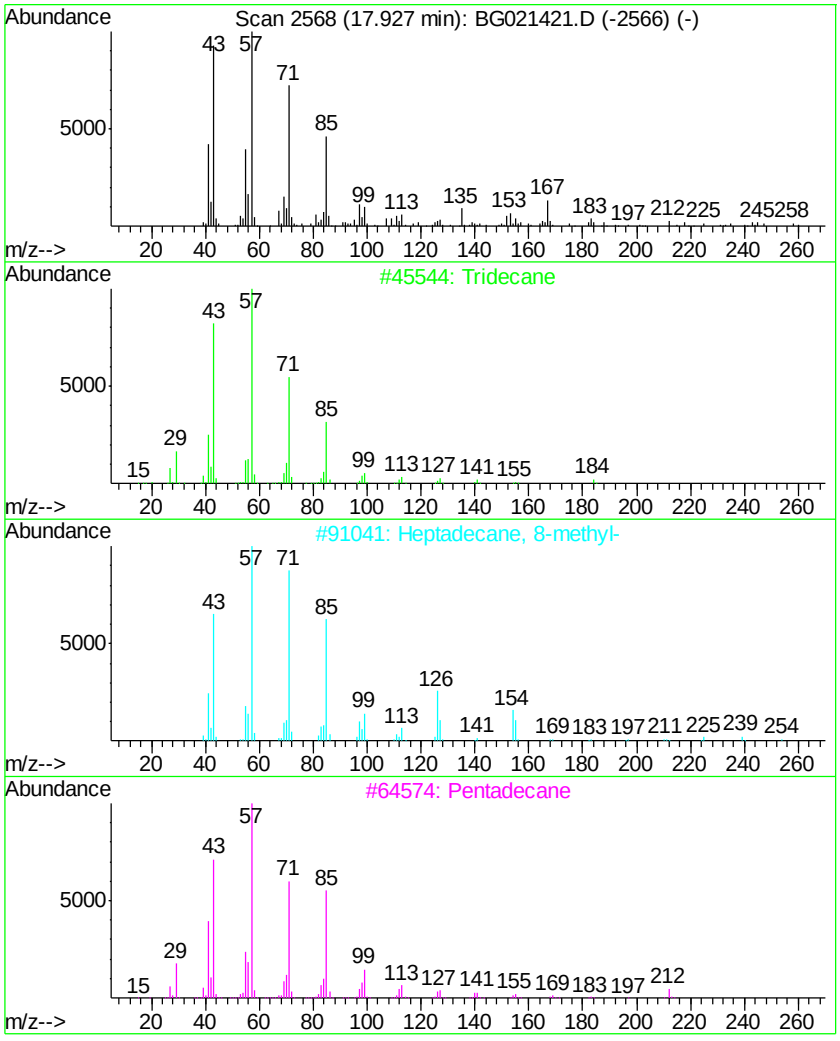
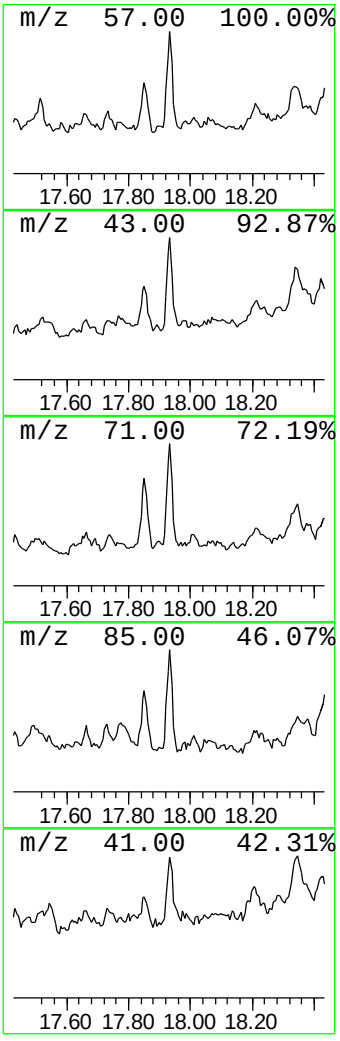
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	21.52 ng/ul	206563	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	92
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	92
3	Pentadecane	212	C15H32	000629-62-9	90
4	Pentadecane	212	C15H32	000629-62-9	89
5	Pentadecane	212	C15H32	000629-62-9	76





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021421.D
Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

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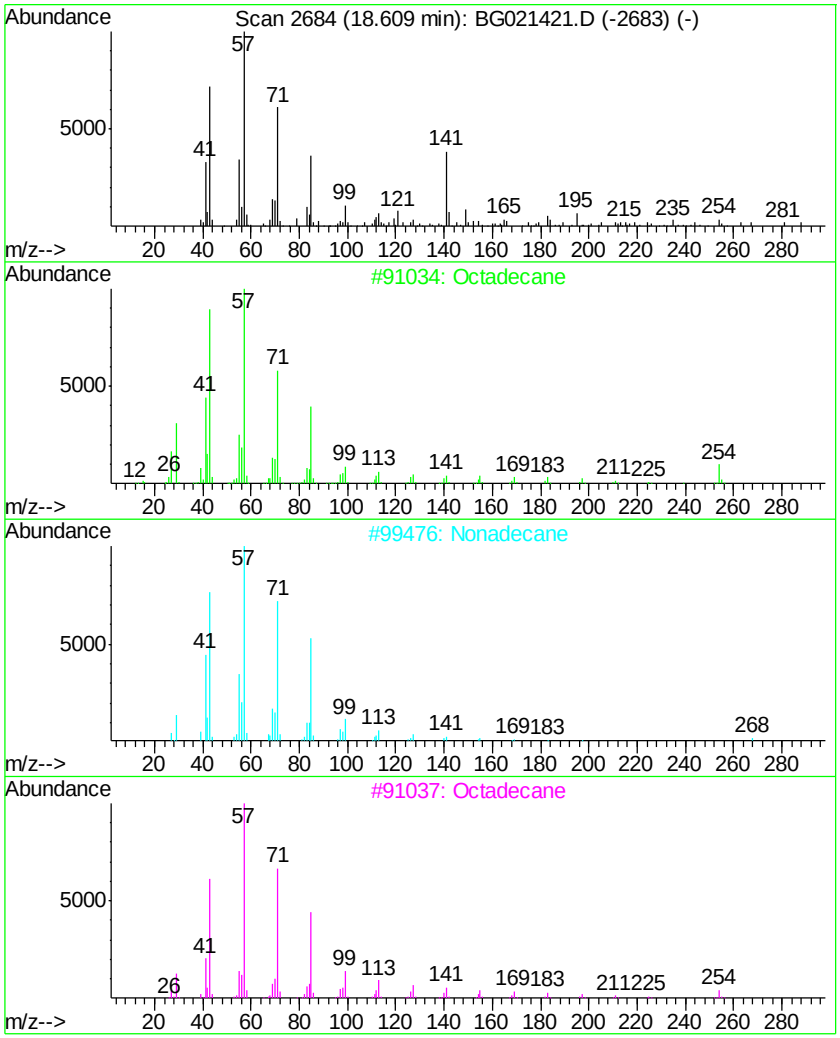
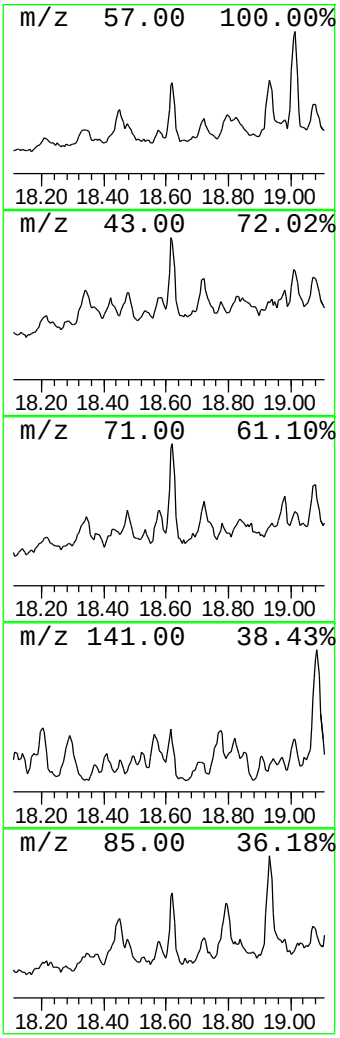
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	17.01 ng/ul	163284	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	83
2	Nonadecane	268	C19H40	000629-92-5	80
3	Octadecane	254	C18H38	000593-45-3	76
4	Hexadecane	226	C16H34	000544-76-3	72
5	Heptacosane	380	C27H56	000593-49-7	72





Tentatively Identified Compound (LSC) summary

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021421.D
Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.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
Pentanoic acid	5.62	10.4	ng/ul	61376	1	8.12	118618	20.0
(DEL) Alkane: Str...	9.18	23.0	ng/ul	136407	1	8.12	118618	20.0
Octanoic Acid	10.37	89.9	ng/ul	734634	2	10.93	163392	20.0
Nonanoic acid	11.76	28.8	ng/ul	234917	2	10.93	163392	20.0
(DEL) Alkane: Str...	12.31	6.1	ng/ul	49988	2	10.93	163392	20.0
n-Decanoic acid	13.12	60.3	ng/ul	1384020	3	14.73	458762	20.0
Cyclopentane, butyl-	13.25	3.7	ng/ul	85179	3	14.73	458762	20.0
unknown-01	13.51	2.3	ng/ul	52648	3	14.73	458762	20.0
unknown-02	13.61	2.6	ng/ul	60364	3	14.73	458762	20.0
(DEL) Alkane: Str...	13.77	2.7	ng/ul	62715	3	14.73	458762	20.0
(DEL) Alkane: Str...	14.04	6.2	ng/ul	142982	3	14.73	458762	20.0
(DEL) Alkane: Str...	14.54	6.5	ng/ul	148282	3	14.73	458762	20.0
(DEL) Alkane: Str...	14.58	7.5	ng/ul	171802	3	14.73	458762	20.0
(DEL) Alkane: Str...	14.64	6.7	ng/ul	152661	3	14.73	458762	20.0
Heptane, 2,4,6-tr...	14.68	5.7	ng/ul	131536	3	14.73	458762	20.0
(DEL) Alkane: Str...	14.81	6.2	ng/ul	142906	3	14.73	458762	20.0
(DEL) Alkane: Str...	14.86	9.4	ng/ul	215460	3	14.73	458762	20.0
(DEL) Alkane: Str...	14.94	15.9	ng/ul	364684	3	14.73	458762	20.0
(DEL) Alkane: Str...	15.10	34.0	ng/ul	779289	3	14.73	458762	20.0
(DEL) Alkane: Cyc...	15.15	25.2	ng/ul	577230	3	14.73	458762	20.0
(DEL) Alkane: Bra...	15.21	22.2	ng/ul	508668	3	14.73	458762	20.0
(DEL) Alkane: Str...	15.29	32.7	ng/ul	749621	3	14.73	458762	20.0
Naphthalene, 1,6,...	15.34	2.2	ng/ul	50184	3	14.73	458762	20.0
(DEL) Alkane: Str...	15.55	56.0	ng/ul	1283470	3	14.73	458762	20.0
1'-Acetonaphthone	15.65	6.0	ng/ul	137765	3	14.73	458762	20.0
(DEL) Alkane: Bra...	15.95	3.8	ng/ul	86100	3	14.73	458762	20.0
2-Naphthyl methyl...	15.99	40.9	ng/ul	937568	3	14.73	458762	20.0
Naphthalene, 2-(1...	16.09	3.7	ng/ul	85605	3	14.73	458762	20.0
(DEL) Alkane: Str...	16.43	46.0	ng/ul	441994	4	17.47	191963	20.0
Propanoic acid, 2...	16.83	72.3	ng/ul	694456	4	17.47	191963	20.0
Z-6-Phenyldec-4-e...	16.91	14.1	ng/ul	135256	4	17.47	191963	20.0
(DEL) Alkane: Str...	17.02	13.6	ng/ul	130460	4	17.47	191963	20.0
(DEL) Alkane: Bra...	17.18	5.9	ng/ul	56321	4	17.47	191963	20.0
(DEL) Alkane: Str...	17.22	18.6	ng/ul	178154	4	17.47	191963	20.0
(DEL) Alkane: Str...	17.25	29.1	ng/ul	279525	4	17.47	191963	20.0
(DEL) Alkane: Str...	17.93	21.5	ng/ul	206563	4	17.47	191963	20.0
(DEL) Alkane: Str...	18.61	17.0	ng/ul	163284	4	17.47	191963	20.0