LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001871.D
Acq On : 07 Jul 2015 19:44
Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

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_M\METHODS\SOM02.2-EPA-BM061515.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	2.804	15	20	24	rBV	66292	101803	4.11%	0.314%
2	2.846	24	27	29	rVV	55733	64070	2.59%	0.198%
3	2.881	29	33	54	rVB	1909157	2476258	100.00%	7.642%
4	3.663	160	166	174	rBV	53513	75682	3.06%	0.234%
5	6.834	696	705	712	rVV	150486	254675	10.28%	0.786%
6	7.004	727	734	739	rBV	111283	171350	6.92%	0.529%
7	7.198	761	767	776	rVB	149116	242438	9.79%	0.748%
8	7.663	836	846	853	rBV	336409	562556	22.72%	1.736%
9	8.298	949	954	961	rBV4	27921	50907	2.06%	0.157%
10	8.369	961	966	972	rVV	176364	279494	11.29%	0.863%
11	8.828	1037	1044	1050	rBV	140147	246619	9.96%	0.761%
12	9.545	1159	1166	1172	rBV	123648	216252	8.73%	0.667%
13	9.857	1214	1219	1225	rVV5	42164	87457	3.53%	0.270%
14	10.075	1251	1256	1264	rVB2	198453	346231	13.98%	1.069%
15	10.457	1309	1321	1326	rBV	441297	830160	33.52%	2.562%
16	10.504	1326	1329	1335	rVB	70933	112142	4.53%	0.346%
17	10.604	1336	1346	1354	rVB2	128917	258676	10.45%	0.798%
18	11.369	1470	1476	1482	rVB5	36286	69576	2.81%	0.215%
19	11.469	1488	1493	1498	rBV	55687	93909	3.79%	0.290%
20	11.645	1514	1523	1532	rBV4	28176	68721	2.78%	0.212%
21	11.880	1554	1563	1568	rBV2	68556	125759	5.08%	0.388%
22	12.121	1595	1604	1611	rVB	125775	253782	10.25%	0.783%
23	12.345	1635	1642	1652	rBV	104475	218534	8.83%	0.674%
24	12.845	1722	1727	1733	rVV	85918	128151	5.18%	0.396%
25	13.139	1769	1777	1783	rVB2	107545	215011	8.68%	0.664%
26	13.345	1808	1812	1815	rBV	42934	66355	2.68%	0.205%
27	13.480	1827	1835	1837	rBV	108162	206395	8.33%	0.637%
28	13.639	1856	1862	1867	rVV2	134425	261611	10.56%	0.807%
29	13.692	1867	1871	1874	rVV	98284	164006	6.62%	0.506%
30	13.733	1874	1878	1882	rVV	303061	427944	17.28%	1.321%
31	13.780	1882	1886	1893	rVV2	203493	417682	16.87%	1.289%
32	13.839	1893	1896	1899	rVV5	37440	59212	2.39%	0.183%
33	13.880	1899	1903	1906	rVV	77075	122633	4.95%	0.378%
34	13.910	1906	1908	1914	rVB4	40373	56929	2.30%	0.176%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001871.D
Acq On : 07 Jul 2015 19:44
Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

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_M\METHODS\SOM02.2-EPA-BM061515.M
Title : SVOA CALIBRATION

35	14.015	1920	1926	1929	rBV	334630	526805	21.27%	1.626%
36	14.215	1955	1960	1966	rBV	142891	201514	8.14%	0.622%
37	14.321	1968	1978	1984	rBV2	579628	995081	40.18%	3.071%
38	14.386	1984	1989	1991	rBV2	33347	54487	2.20%	0.168%
39	14.527	2008	2013	2023	rVB	117176	240493	9.71%	0.742%
40	14.610	2023	2027	2030	rBV4	26407	46731	1.89%	0.144%
41	14.721	2042	2046	2052	rVB	115596	176139	7.11%	0.544%
42	14.798	2053	2059	2062	rVB2	46564	71613	2.89%	0.221%
43	14.839	2062	2066	2075	rVB5	41935	89656	3.62%	0.277%
44	14.939	2079	2083	2087	rVV2	43405	69560	2.81%	0.215%
45	14.992	2088	2092	2096	rVB	54005	71713	2.90%	0.221%
46	15.168	2116	2122	2127	rVB2	124429	197368	7.97%	0.609%
47	15.315	2142	2147	2152	rVB	398199	552626	22.32%	1.706%
48	15.368	2152	2156	2160	rVB2	46890	67034	2.71%	0.207%
49	15.574	2187	2191	2197	rVB2	118846	182045	7.35%	0.562%
50	15.668	2203	2207	2214	rVB5	60309	132831	5.36%	0.410%
51	15.786	2223	2227	2230	rBV4	37844	63973	2.58%	0.197%
52	16.051	2265	2272	2278	rVB2	234777	508233	20.52%	1.569%
53	16.727	2384	2387	2393	rVB2	53424	75777	3.06%	0.234%
54	16.827	2400	2404	2407	rVV	95293	112672	4.55%	0.348%
55	16.874	2409	2412	2424	rVB2	141586	277716	11.22%	0.857%
56	17.068	2440	2445	2449	rBV	636567	939883	37.96%	2.901%
57	17.109	2449	2452	2457	rVV	470352	673659	27.20%	2.079%
58	17.168	2457	2462	2466	rVV	494268	721076	29.12%	2.225%
59	17.198	2466	2467	2472	rVB	121342	134684	5.44%	0.416%
60	17.474	2508	2514	2520	rBV3	73681	139786	5.65%	0.431%
61	17.562	2525	2529	2534	rVB	79042	93591	3.78%	0.289%
62	17.950	2590	2595	2599	rBV2	124929	256086	10.34%	0.790%
63	17.992	2599	2602	2608	rVB	151642	203048	8.20%	0.627%
64	18.139	2622	2627	2631	rBV2	90076	163304	6.59%	0.504%
65	18.174	2631	2633	2641	rVB	69210	85738	3.46%	0.265%
66	18.256	2643	2647	2651	rBV	70491	87826	3.55%	0.271%
67	18.450	2676	2680	2683	rBV	55547	74965	3.03%	0.231%
68	18.492	2684	2687	2692	rVB2	63376	88589	3.58%	0.273%
69	18.827	2740	2744	2748	rBV	153546	216780	8.75%	0.669%
70	18.868	2748	2751	2754	rVV	48542	69841	2.82%	0.216%
71	19.009	2771	2775	2781	rBV2	54055	88930	3.59%	0.274%

LSC Area Percent Report

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Data File : BM001871.D
Acq On : 07 Jul 2015 19:44
Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

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_M\METHODS\SOM02.2-EPA-BM061515.M
Title : SVOA CALIBRATION

72	19.133	2791	2796	2802	rVB	757977	1006073	40.63%	3.105%
73	19.468	2848	2853	2856	rBV3	610287	960696	38.80%	2.965%
74	19.497	2856	2858	2867	rVV	726509	895971	36.18%	2.765%
75	19.574	2867	2871	2876	rVB2	68855	109143	4.41%	0.337%
76	19.821	2909	2913	2921	rVB3	51150	117940	4.76%	0.364%
77	20.092	2957	2959	2963	rVB	50288	58825	2.38%	0.182%
78	20.150	2964	2969	2973	rVB2	89115	144176	5.82%	0.445%
79	20.291	2990	2993	2996	rBV	61012	78914	3.19%	0.244%
80	20.339	2998	3001	3006	rVB2	77432	105896	4.28%	0.327%
81	20.509	3027	3030	3033	rVB5	49540	50572	2.04%	0.156%
82	20.744	3066	3070	3076	rVB	105828	155500	6.28%	0.480%
83	20.950	3102	3105	3106	rBV	63134	71620	2.89%	0.221%
84	20.974	3106	3109	3117	rVV3	136017	282309	11.40%	0.871%
85	21.044	3117	3121	3126	rVB2	87121	139919	5.65%	0.432%
86	21.262	3151	3158	3162	rBV2	997181	1933543	78.08%	5.967%
87	21.303	3162	3165	3172	rVB	472575	621869	25.11%	1.919%
88	21.415	3181	3184	3191	rBV2	70443	142922	5.77%	0.441%
89	21.574	3207	3211	3216	rBV2	74471	135669	5.48%	0.419%
90	21.809	3249	3251	3255	rVB	94770	92200	3.72%	0.285%
91	22.297	3330	3334	3345	rVB4	193488	354032	14.30%	1.093%
92	22.827	3418	3424	3429	rBV	601515	1308008	52.82%	4.037%
93	22.991	3448	3452	3458	rVB	149083	240864	9.73%	0.743%
94	23.303	3500	3505	3509	rBV	391095	676349	27.31%	2.087%
95	23.356	3509	3514	3517	rVV2	348835	648303	26.18%	2.001%
96	23.397	3517	3521	3529	rVB	522925	927673	37.46%	2.863%
97	23.497	3532	3538	3542	rVV	506256	957167	38.65%	2.954%
98	23.544	3543	3546	3553	rVB2	179578	330552	13.35%	1.020%
99	25.744	3913	3920	3932	rVB	384859	1097414	44.32%	3.387%
100	26.444	4031	4039	4047	rVB	238747	672351	27.15%	2.075%

Sum of corrected areas: 32401303

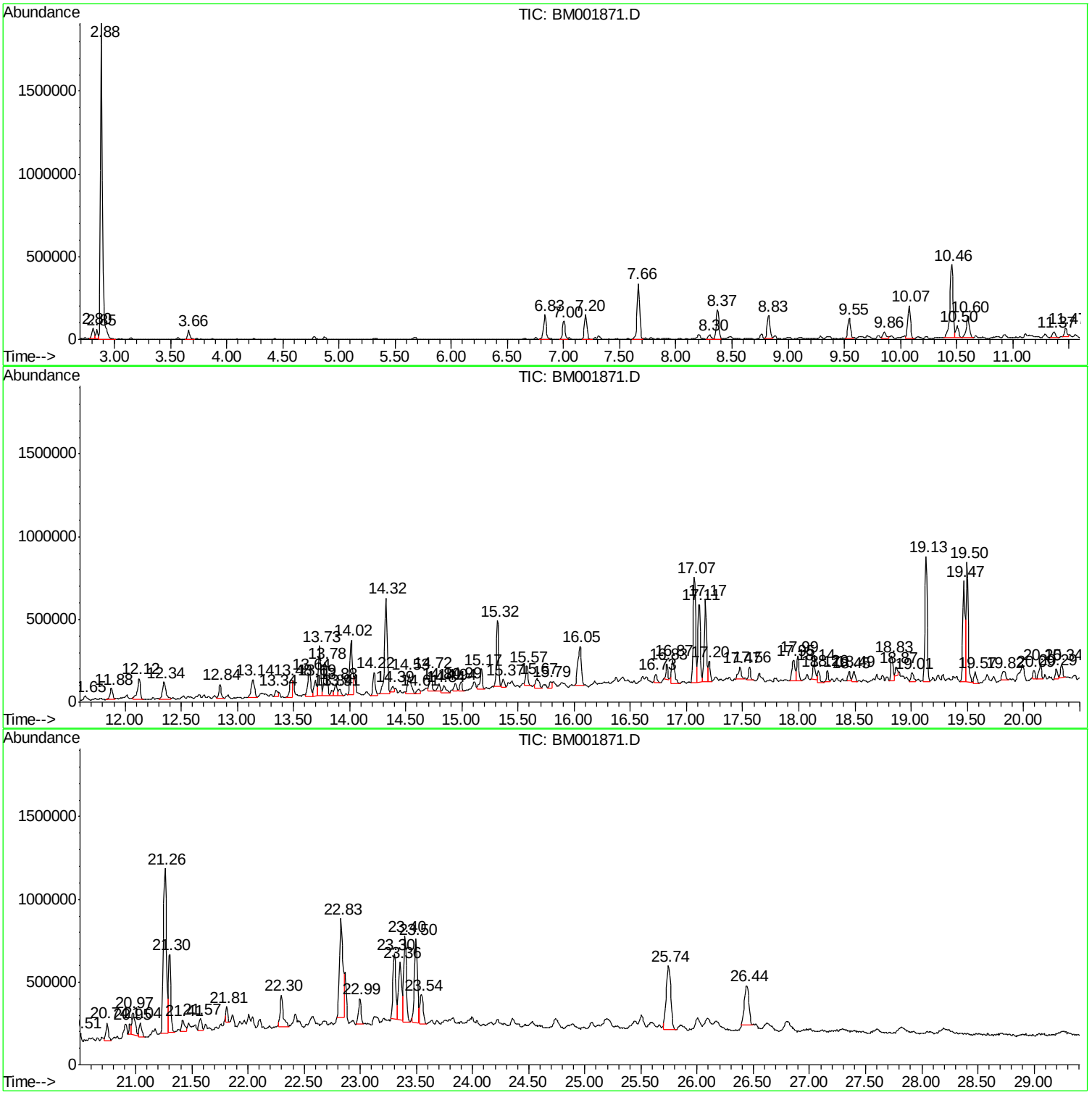
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001871.D
Acq On : 07 Jul 2015 19:44
Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001871.D
Acq On : 07 Jul 2015 19:44
Operator : TP/UM
Sample : G2861-12
Misc :
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Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

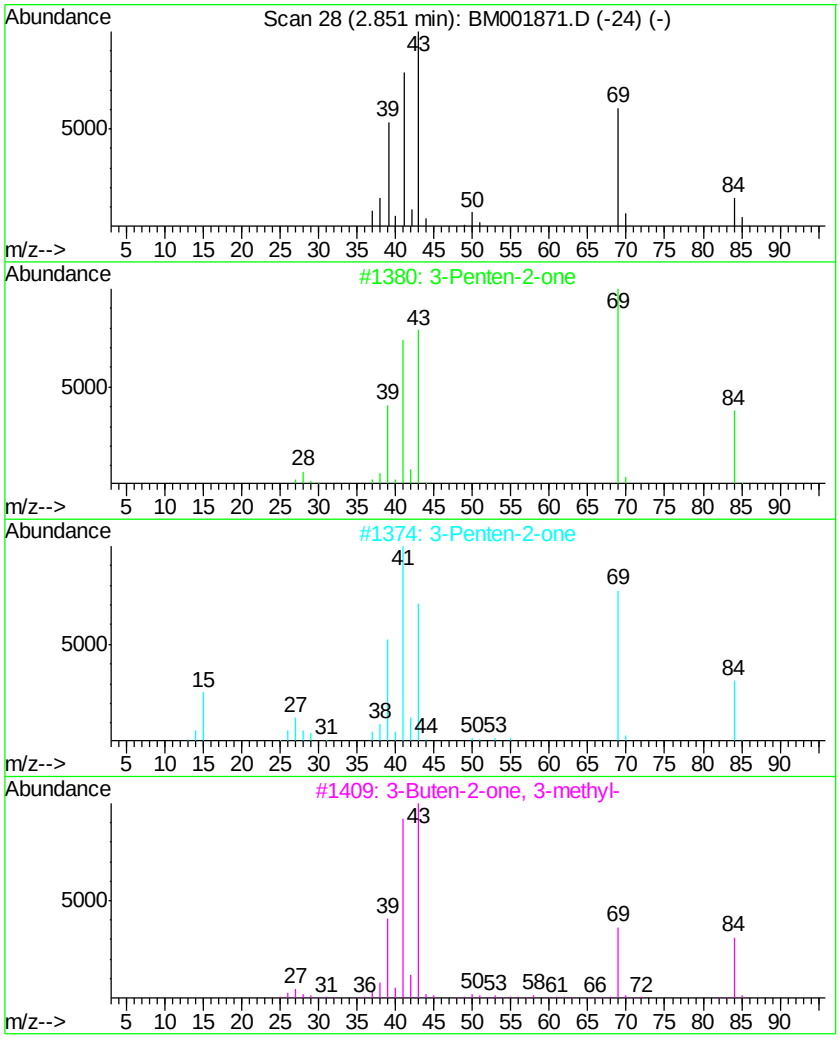
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

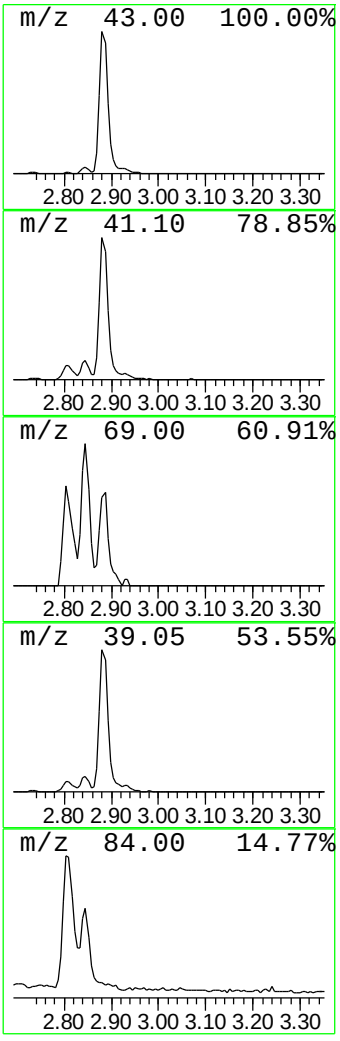
****

Peak Number 2 3-Penten-2-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	2.28 ng/ul	64070	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one	84	C5H8O	000625-33-2	91
2	3-Penten-2-one	84	C5H8O	000625-33-2	78
3	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	78
4	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	64
5	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	59





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001871.D
Acq On : 07 Jul 2015 19:44
Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

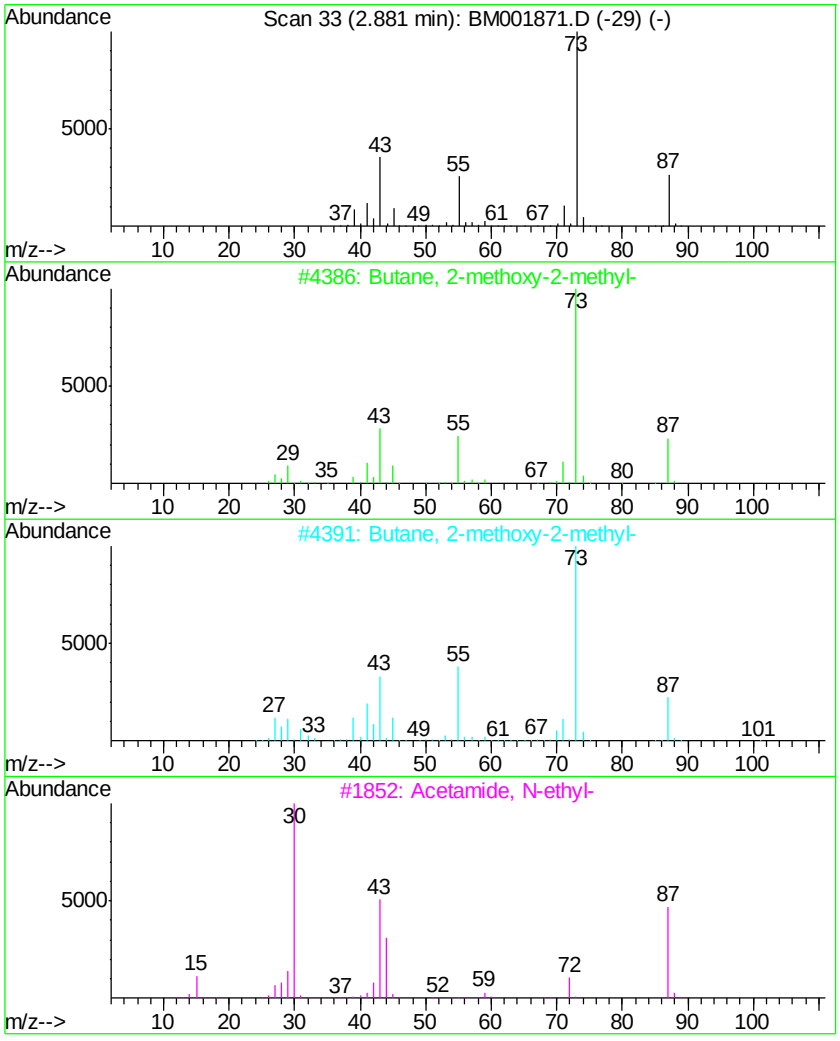
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

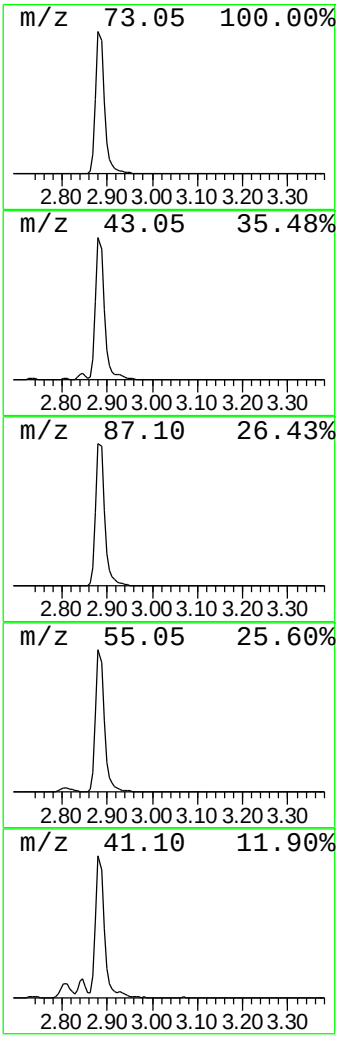
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	88.04 ng/ul	2476260	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001871.D
Acq On : 07 Jul 2015 19:44
Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

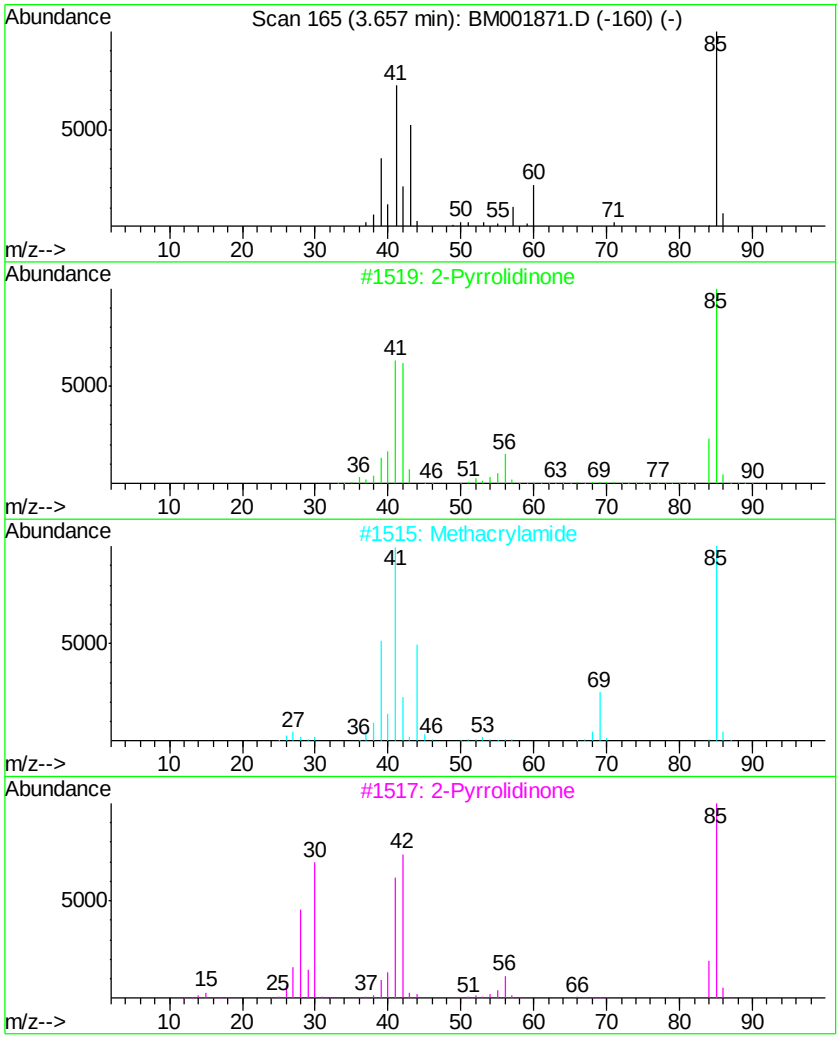
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

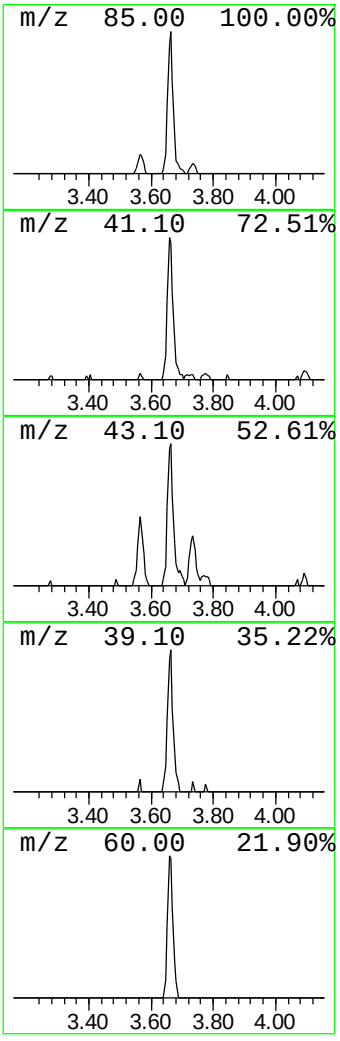
****

Peak Number 4 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.66	2.69 ng/ul	75682	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone	85	C4H7NO	000616-45-5	42
2	Methacrylamide	85	C4H7NO	000079-39-0	28
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
5	Methacrylamide	85	C4H7NO	000079-39-0	9





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001871.D
Acq On : 07 Jul 2015 19:44
Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

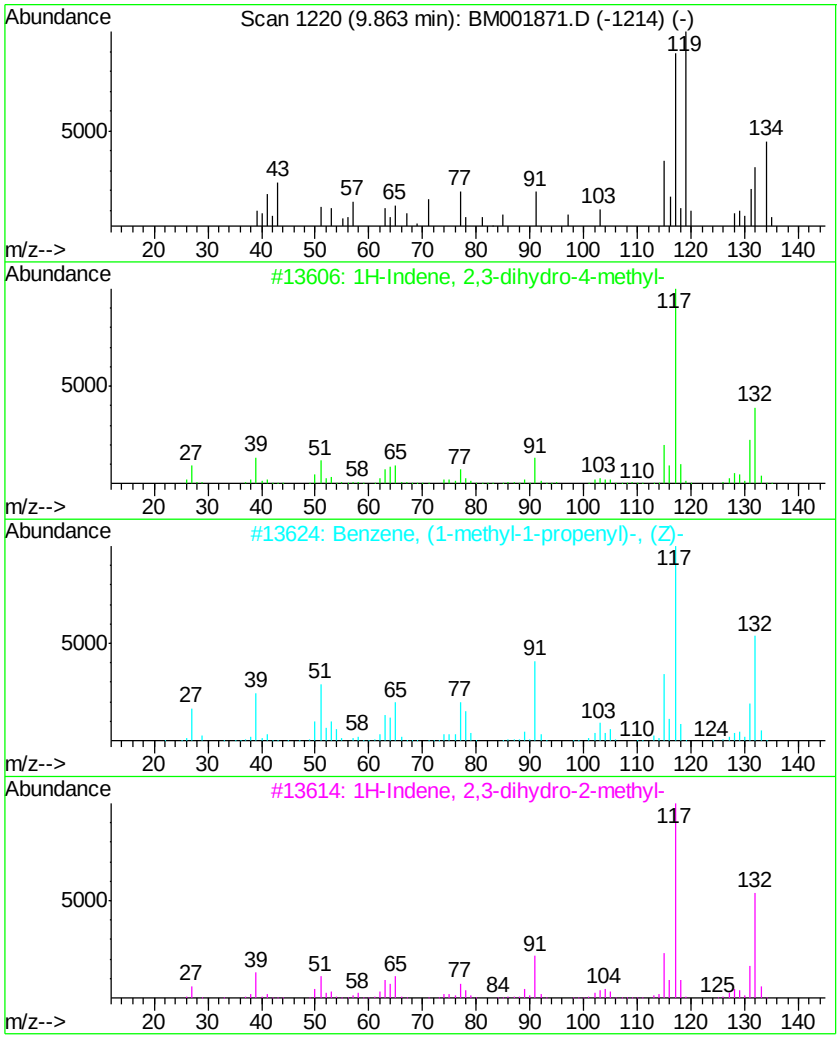
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

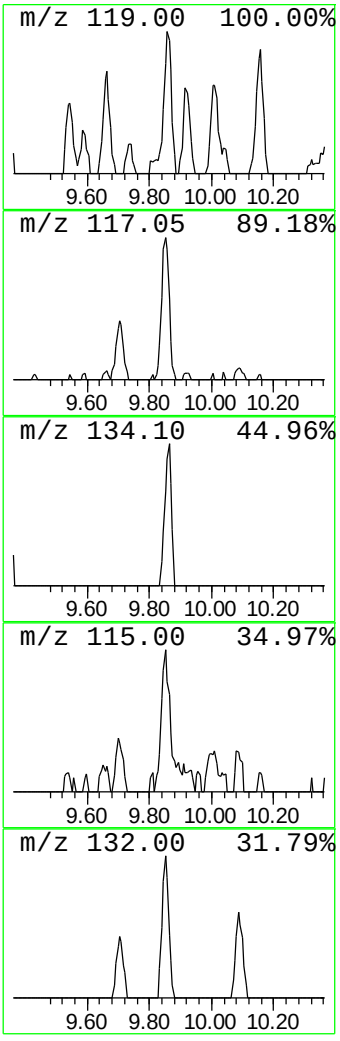
****

Peak Number 5 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	2.11 ng/ul	87457	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	62
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	58
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	58
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	58





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001871.D
Acq On : 07 Jul 2015 19:44
Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

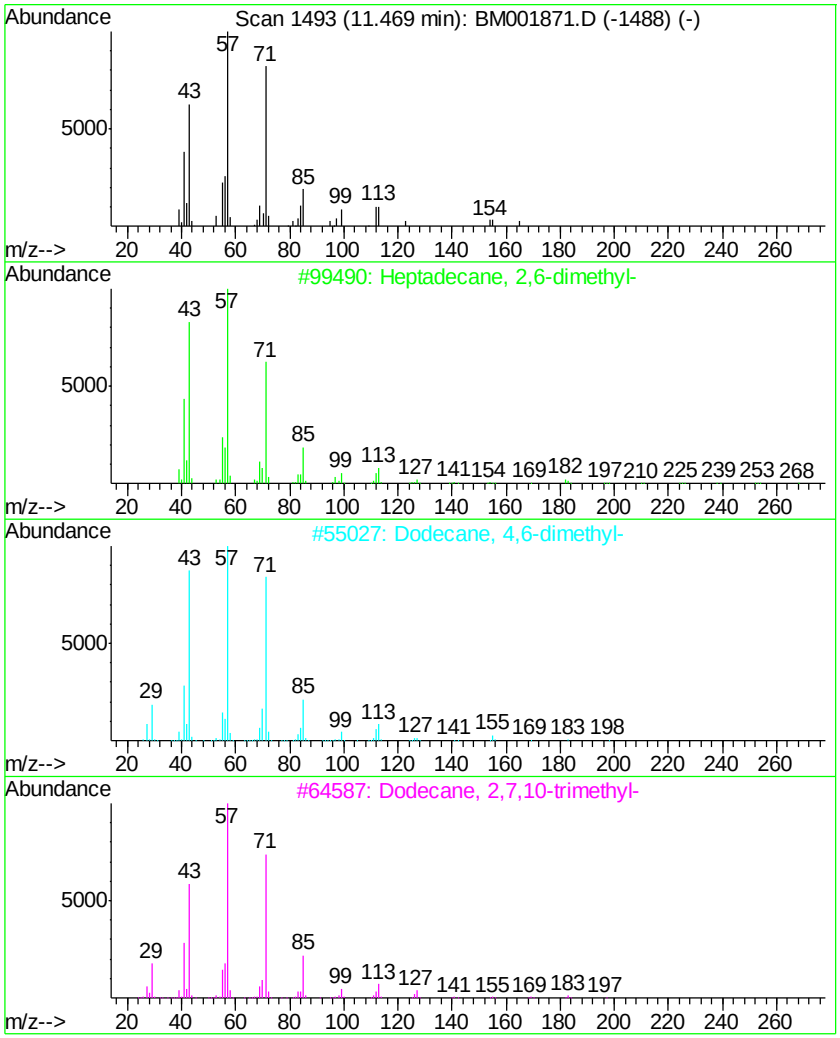
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

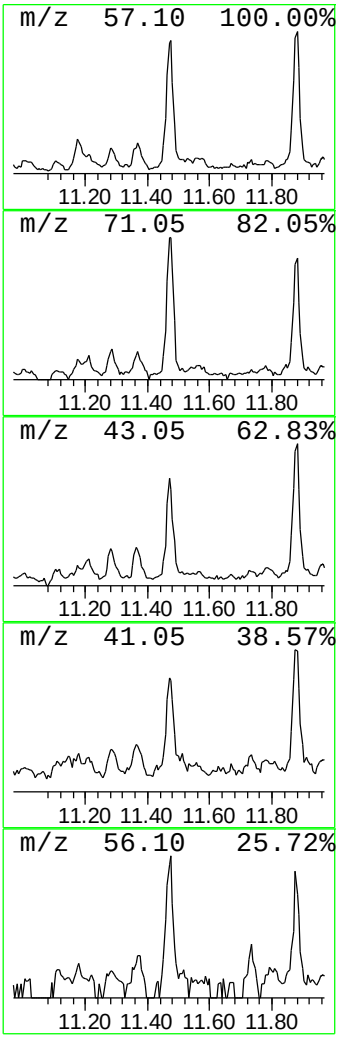
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	2.26 ng/ul	93909	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	78
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	78
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	59





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Acq On : 07 Jul 2015 19:44
Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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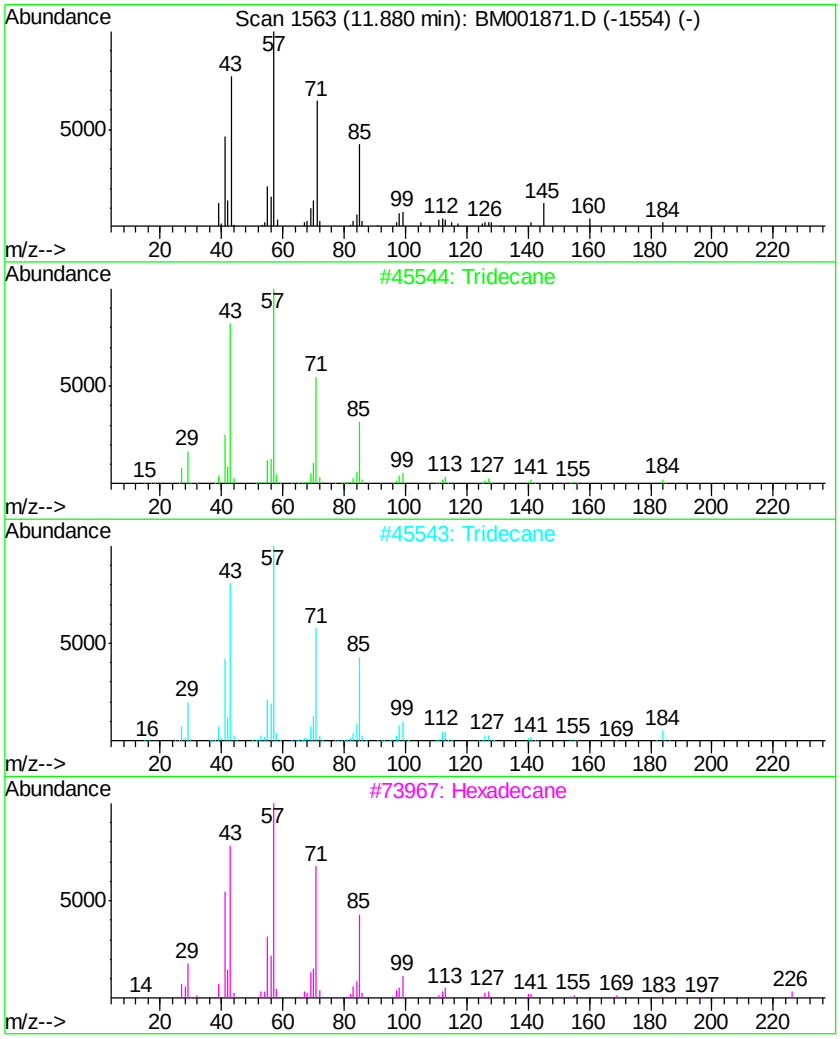
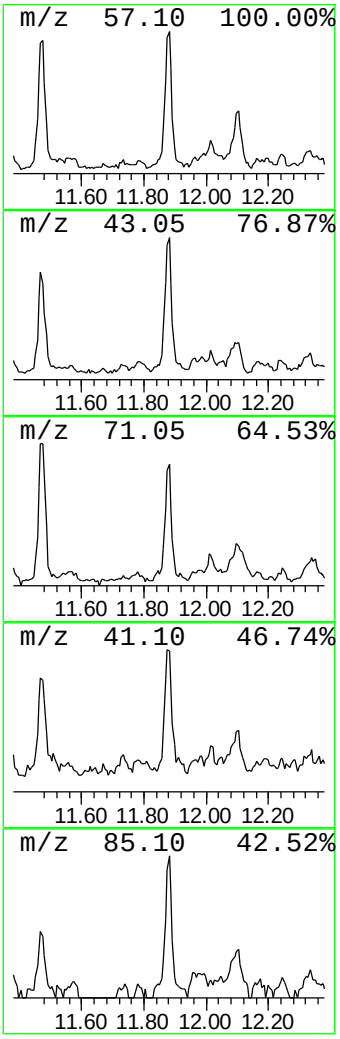
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.03 ng/ul	125759	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Tridecane	184	C13H28	000629-50-5	93
3	Hexadecane	226	C16H34	000544-76-3	81
4	Tridecane	184	C13H28	000629-50-5	72
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72





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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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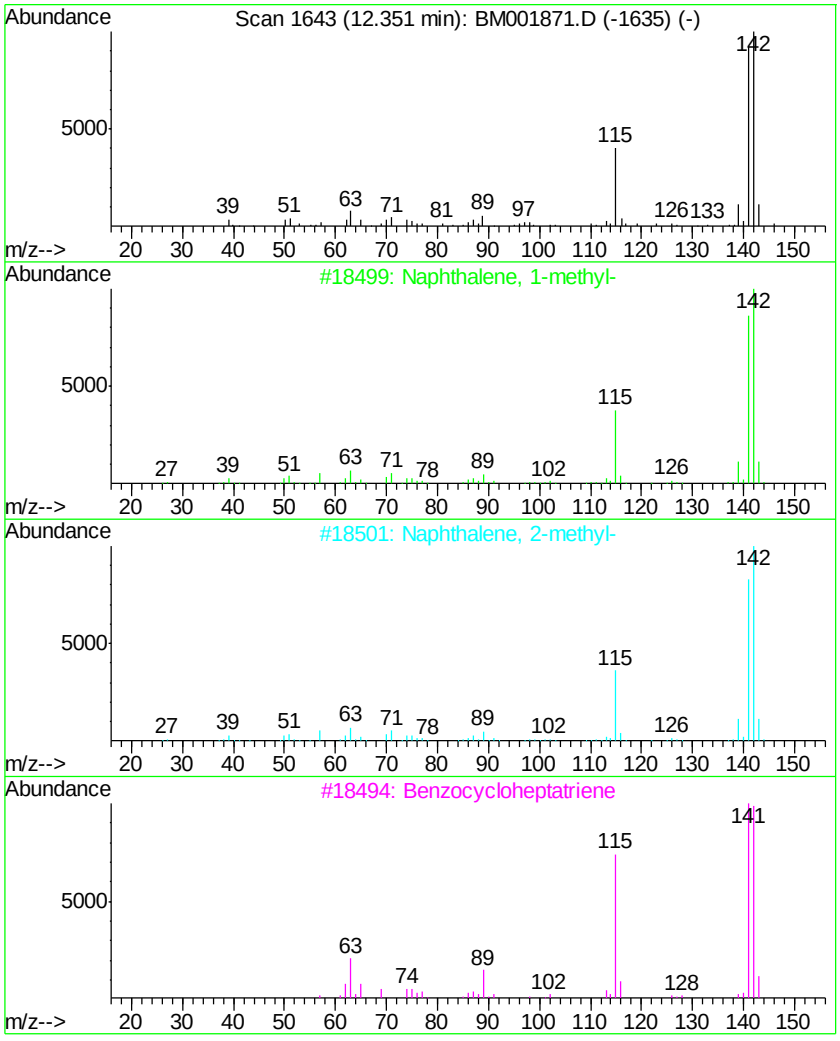
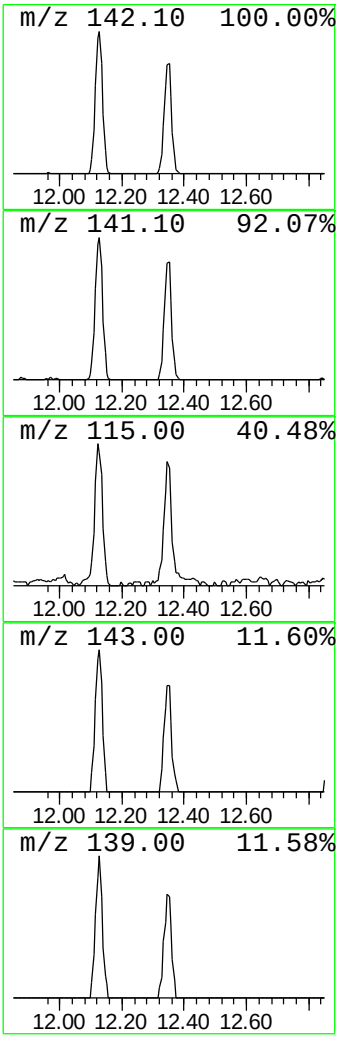
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	5.26 ng/ul	218534	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





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Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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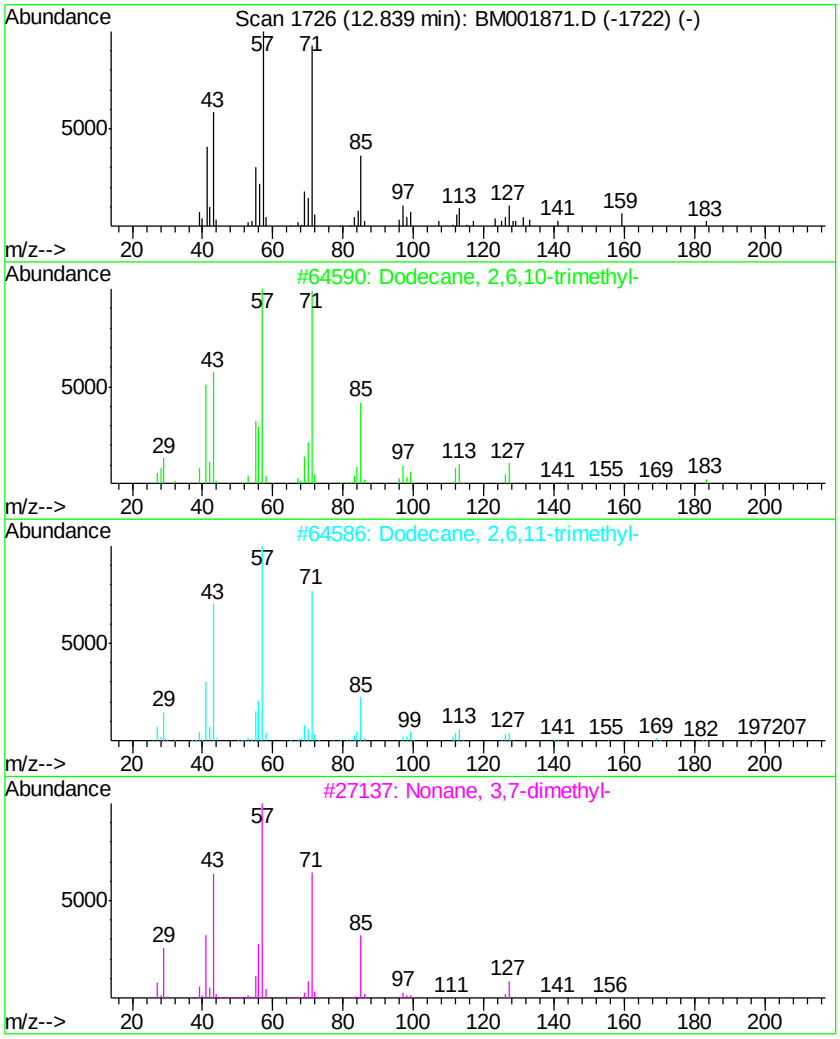
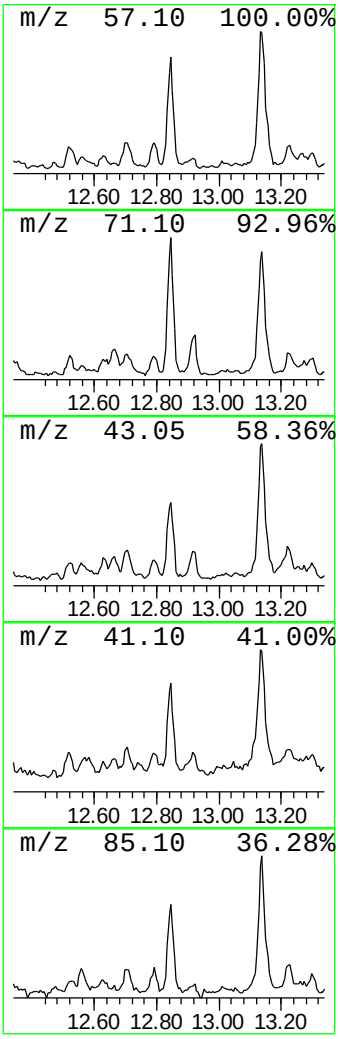
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	2.58 ng/ul	128151	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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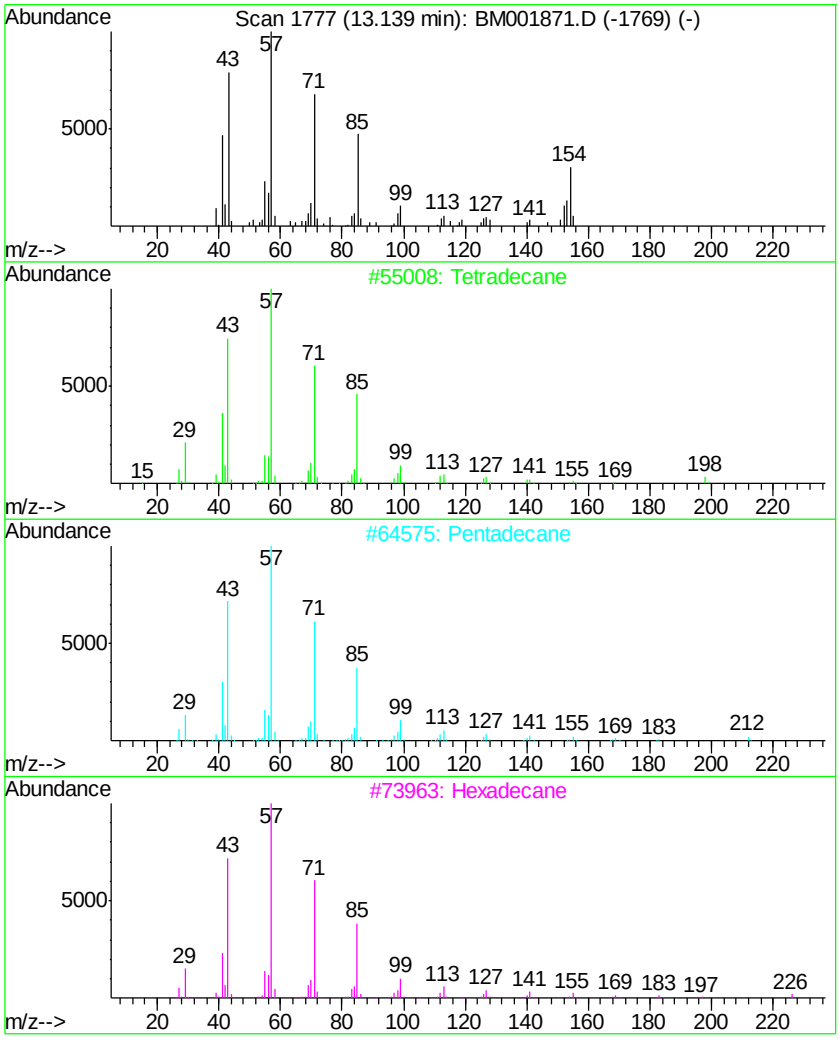
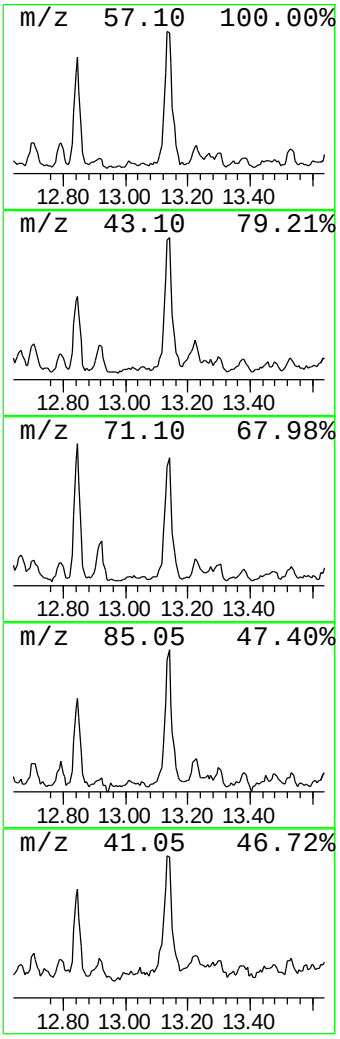
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	4.32 ng/ul	215011	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	62
2	Pentadecane	212	C15H32	000629-62-9	58
3	Hexadecane	226	C16H34	000544-76-3	58
4	Hexadecane	226	C16H34	000544-76-3	58
5	Tetratetracontane	619	C44H90	007098-22-8	58





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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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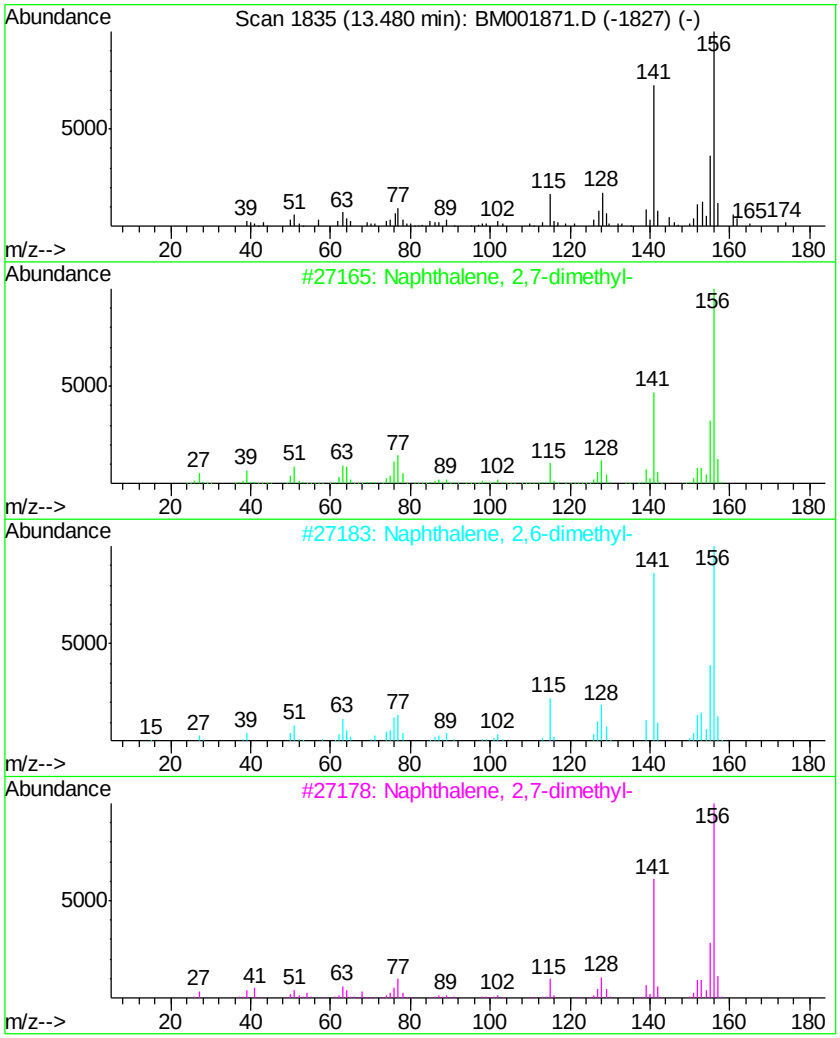
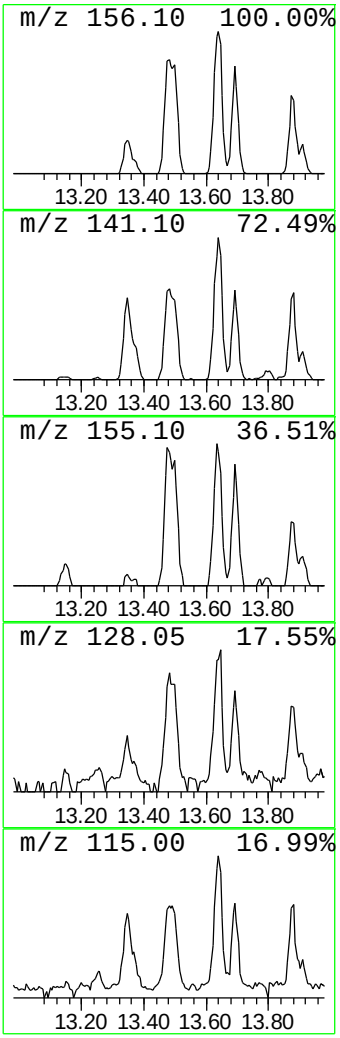
Peak Number 11 Naphthalene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	4.15 ng/ul	206395	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Library Search Compound Report

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Sample : G2861-12
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Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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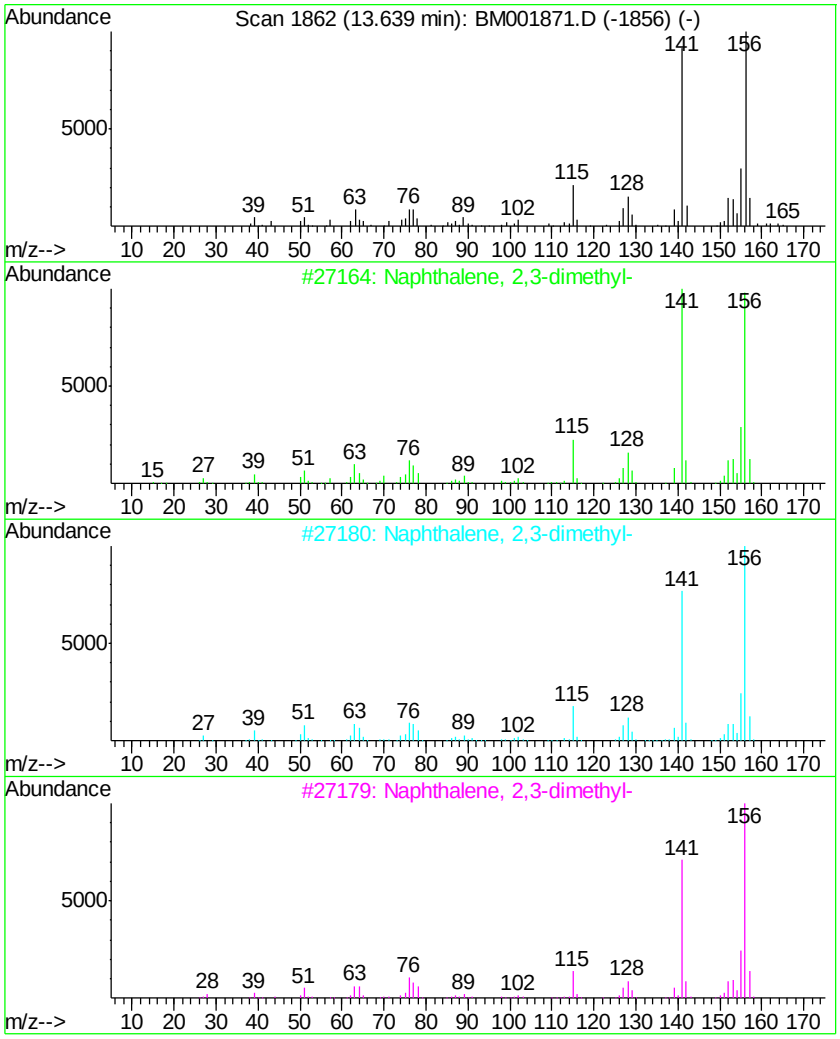
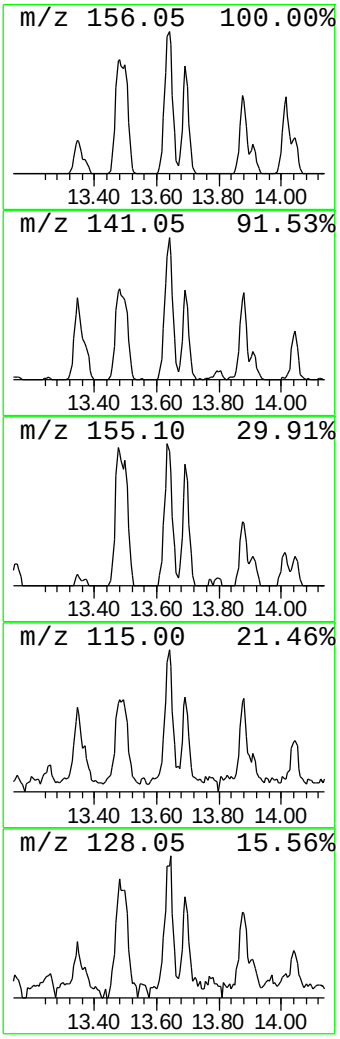
Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	5.26 ng/ul	261611	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Library Search Compound Report

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Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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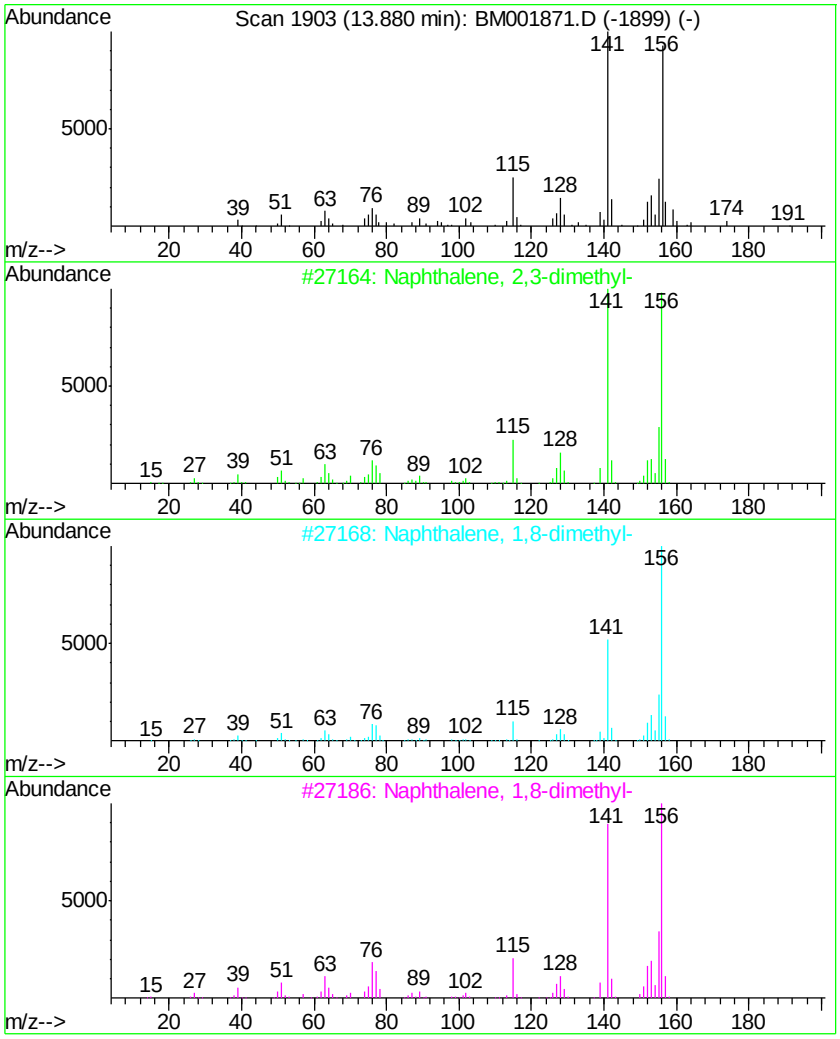
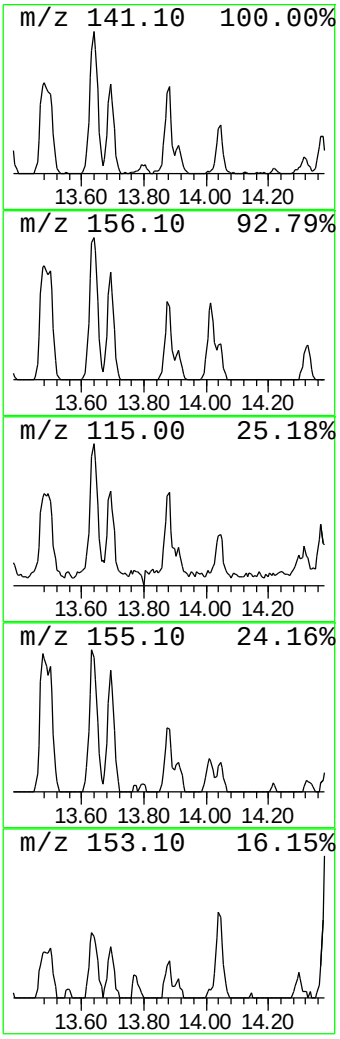
Peak Number 13 Naphthalene, 1,8-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	2.46 ng/ul	122633	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Misc :
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Instrument : BNA_M
ClientSampleId : G93L6

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Quant Title : SVOA CALIBRATION

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

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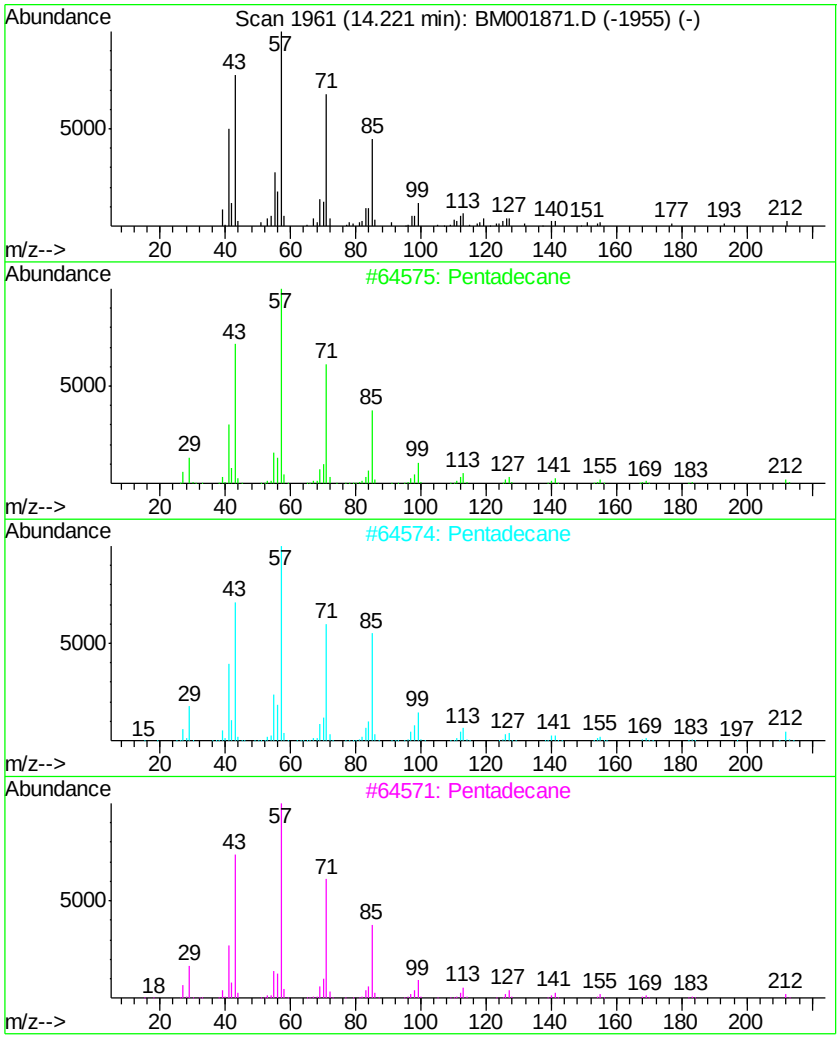
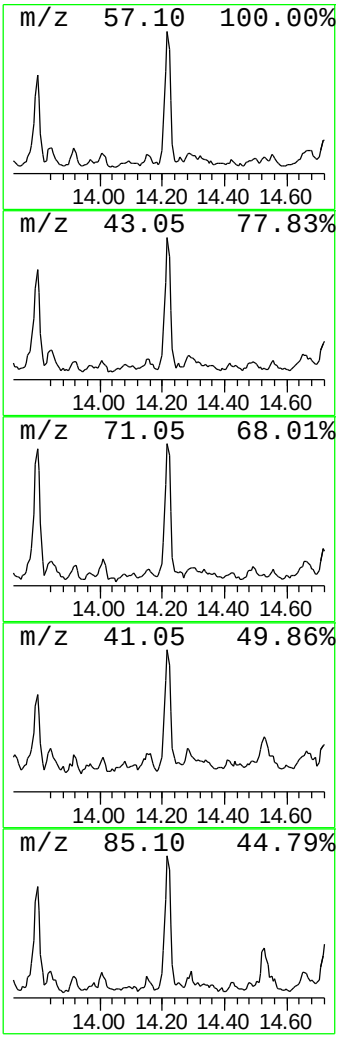
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	4.05 ng/ul	201514	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	97
2	Pentadecane	212	C15H32	000629-62-9	95
3	Pentadecane	212	C15H32	000629-62-9	93
4	Nonadecane	268	C19H40	000629-92-5	91
5	Hexadecane	226	C16H34	000544-76-3	91





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Misc :
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Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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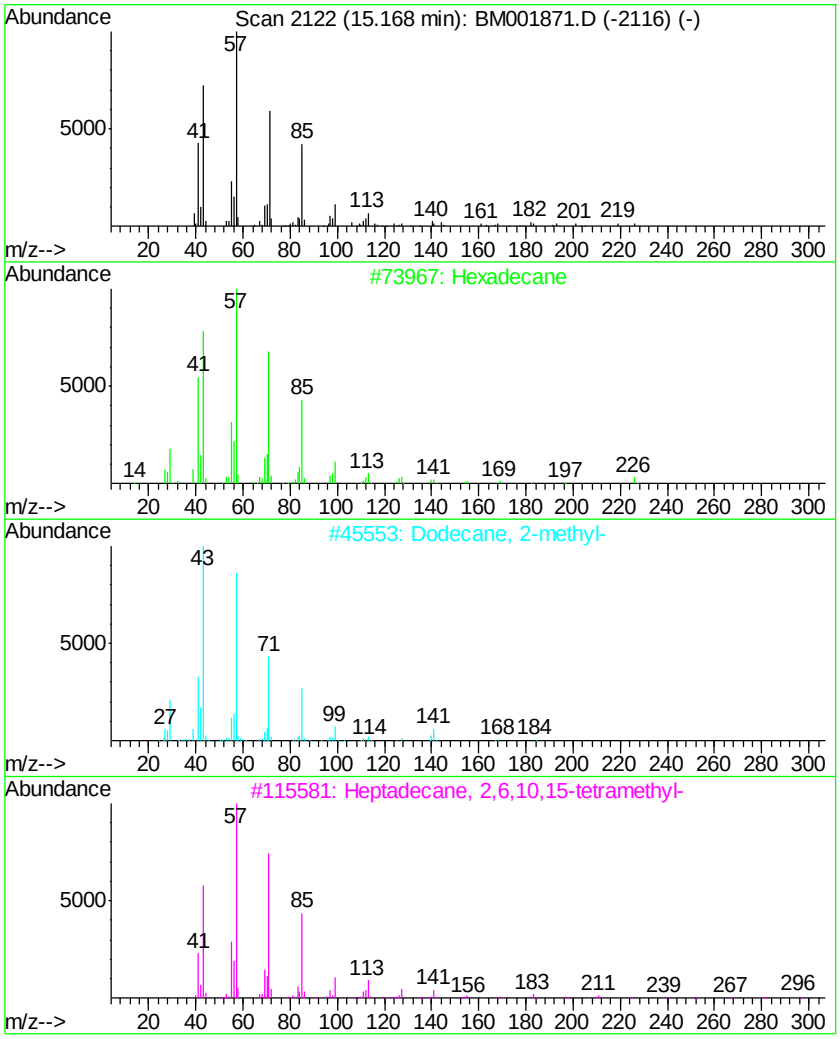
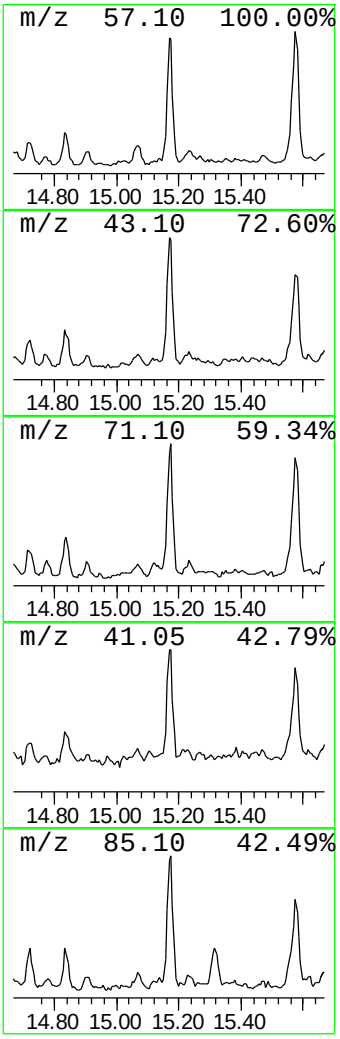
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	3.97 ng/ul	197368	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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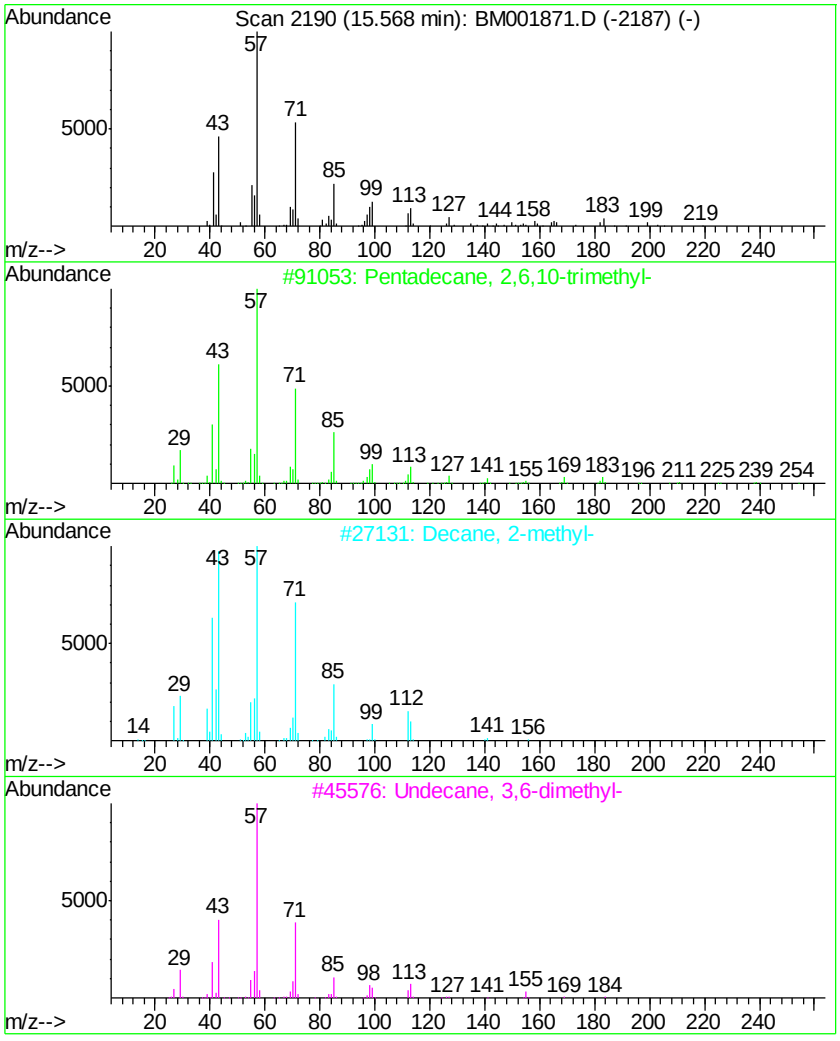
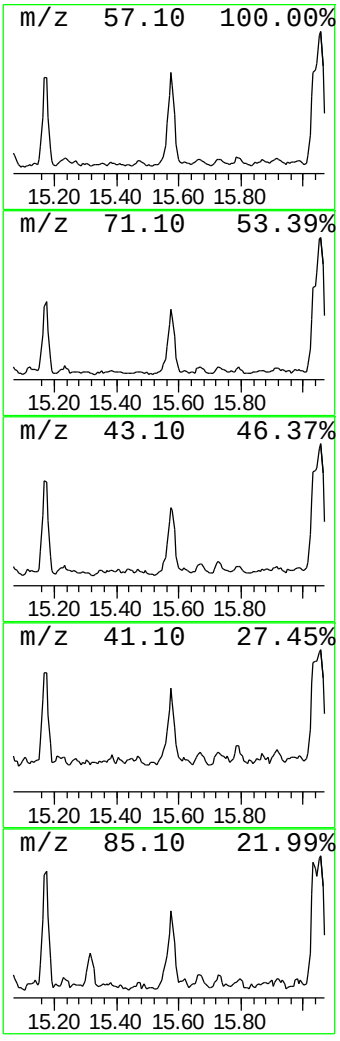
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	3.66 ng/ul	182045	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Decane, 2-methyl-	156	C11H24	006975-98-0	64
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53
5	Tridecane	184	C13H28	000629-50-5	50





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ClientSampleId : G93L6

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Quant Title : SVOA CALIBRATION

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

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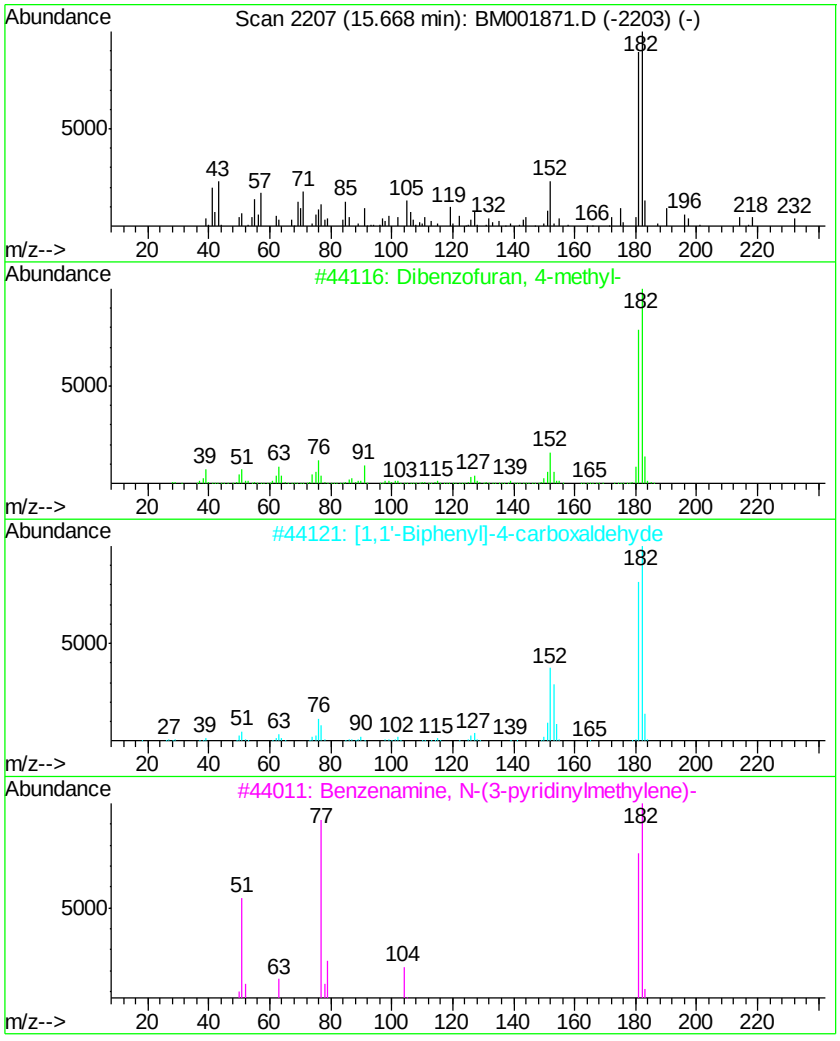
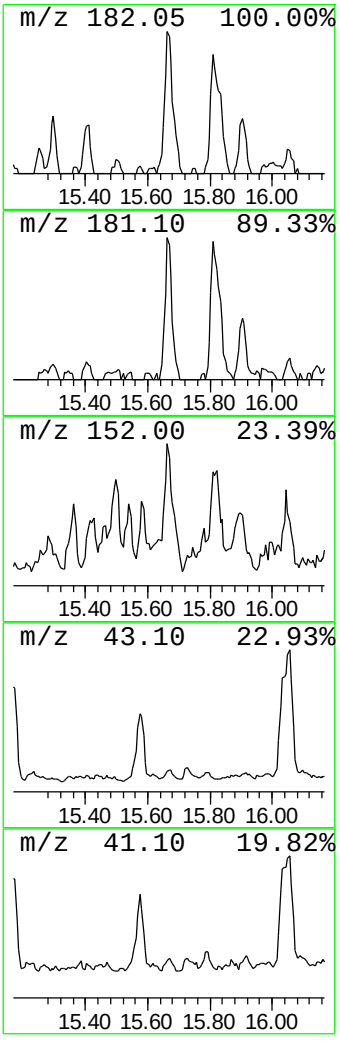
Peak Number 17 Dibenzofuran, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	2.67 ng/ul	132831	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	59
3	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	53
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	52
5	2-(4-Chlorophenyl)-1,3,2-dioxabo...	182	C8H8BClO2	069519-09-1	46





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Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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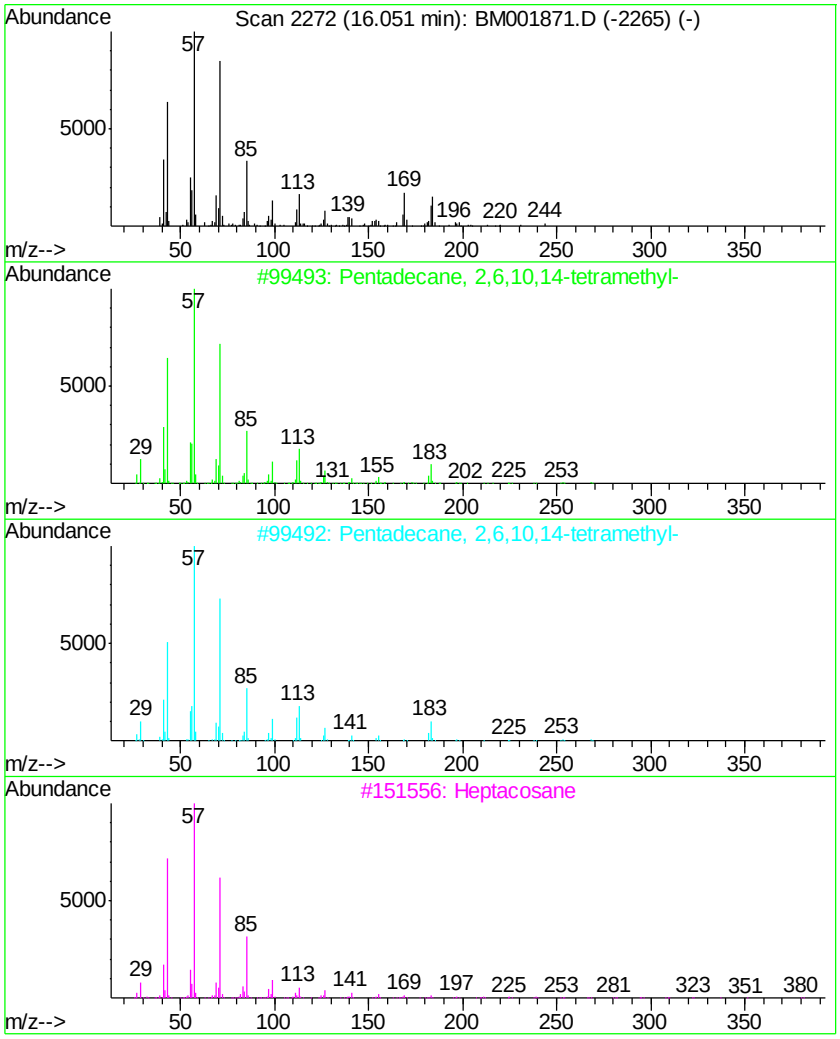
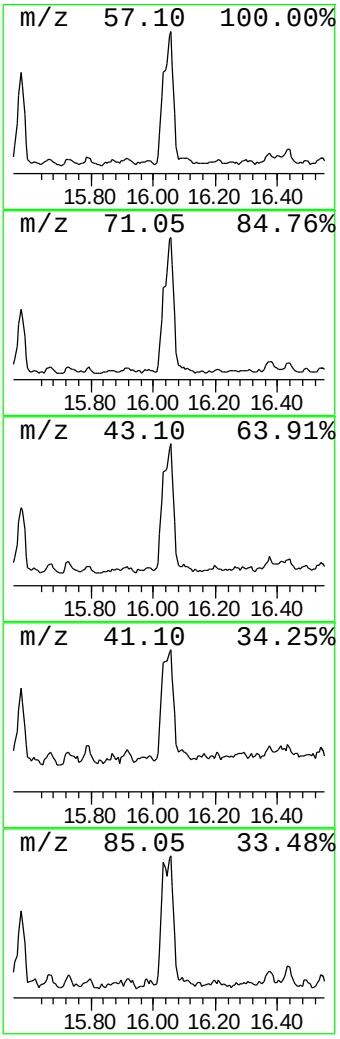
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	10.81 ng/ul	508233	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
3	Heptacosane	380	C27H56	000593-49-7	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70





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Data File : BM001871.D
Acq On : 07 Jul 2015 19:44
Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

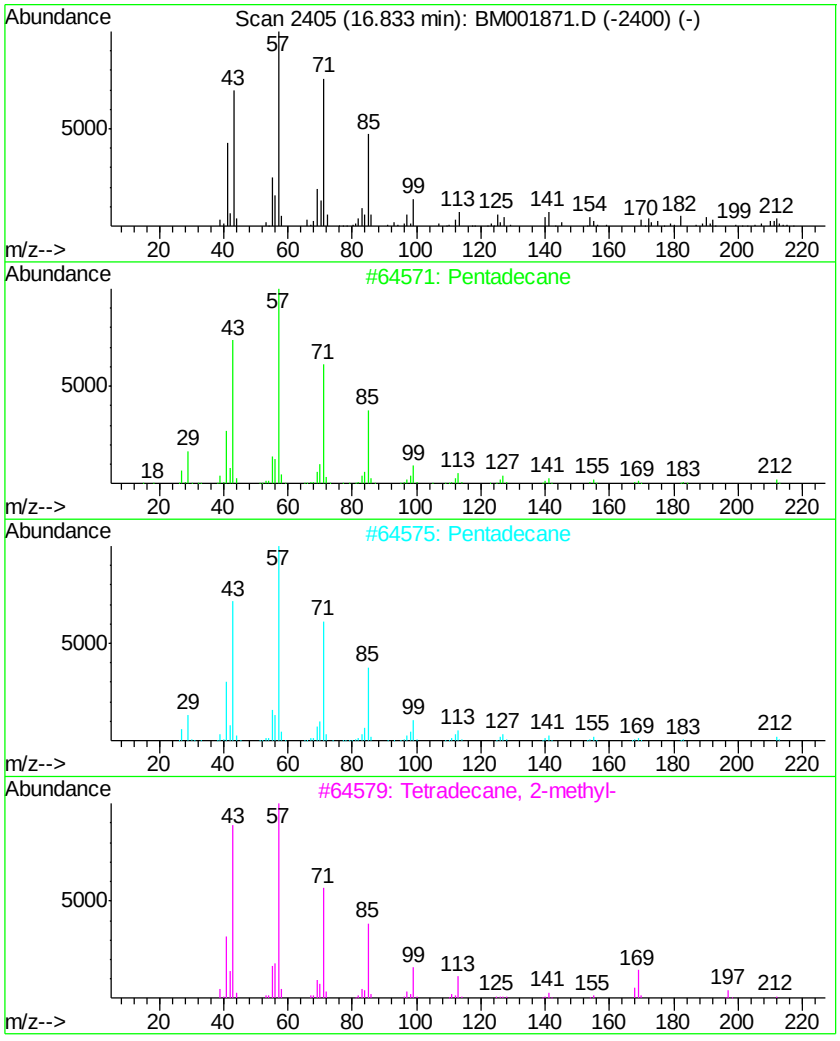
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

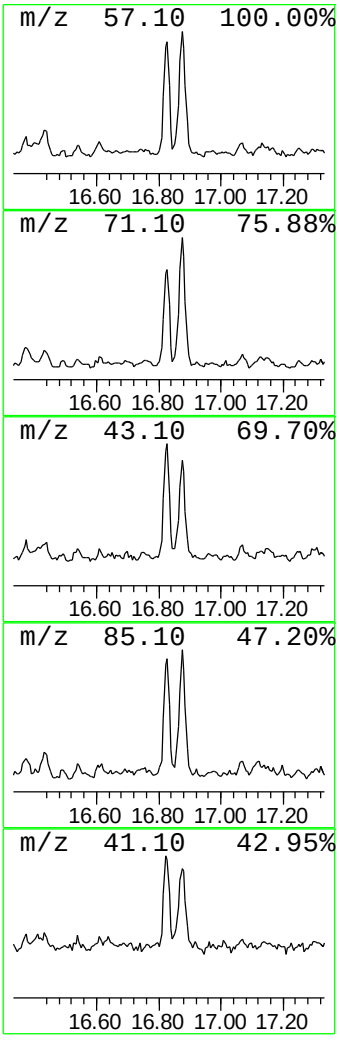
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	2.40 ng/ul	112672	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	92
2	Pentadecane	212	C15H32	000629-62-9	92
3	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	83
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
5	Octacosane	394	C28H58	000630-02-4	80





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Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

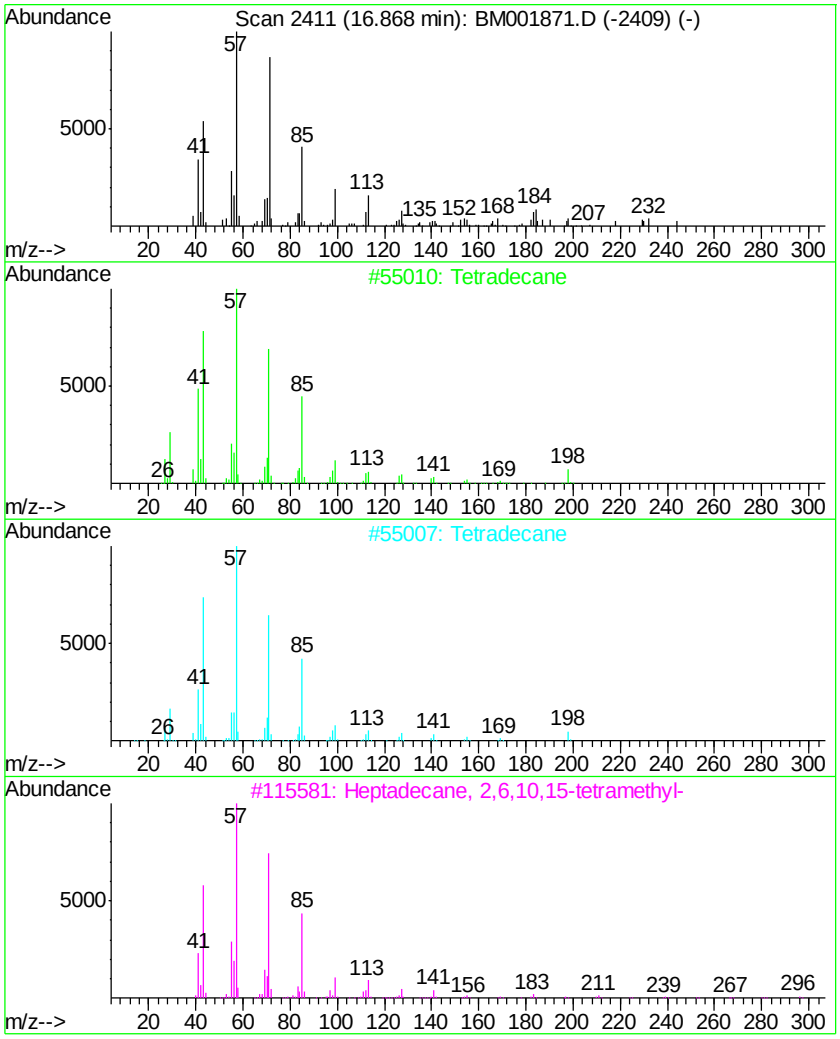
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

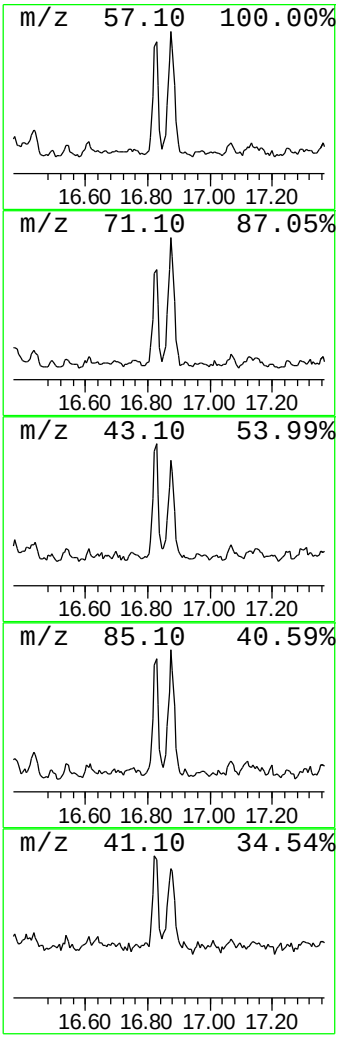
****

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	5.91 ng/ul	277716	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tetradecane	198	C14H30	000629-59-4	81
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	81
4	Tetradecane	198	C14H30	000629-59-4	74
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





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Acq On : 07 Jul 2015 19:44
Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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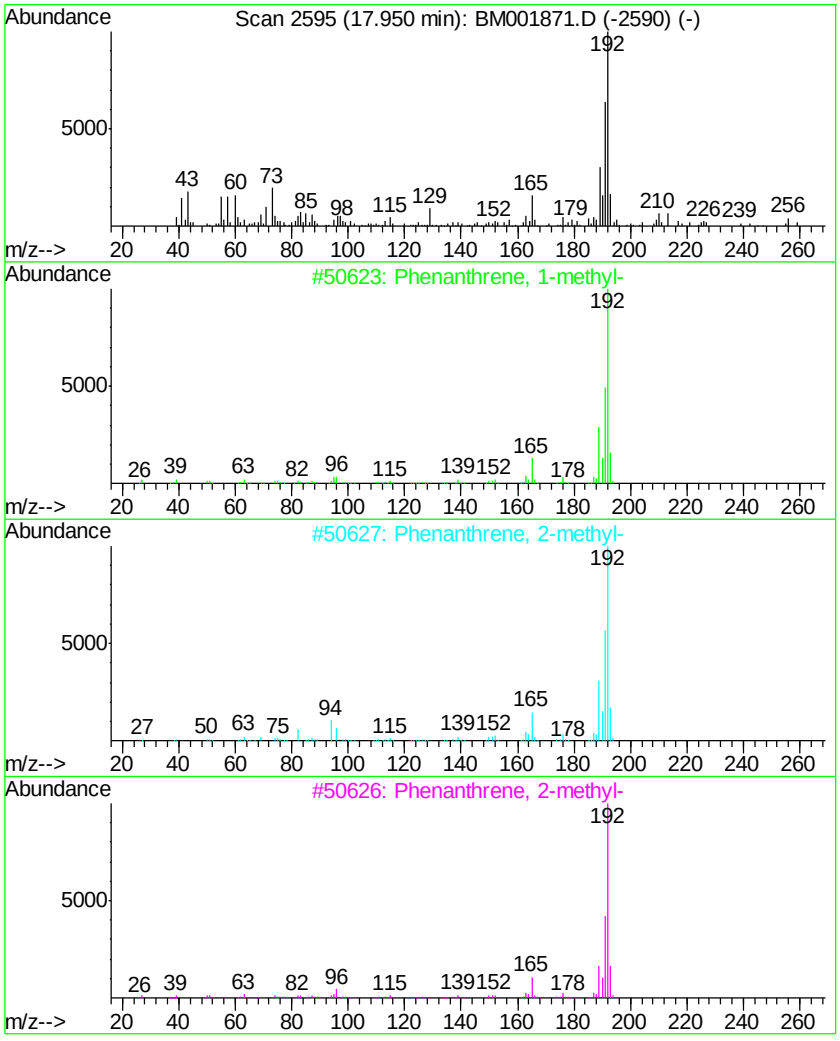
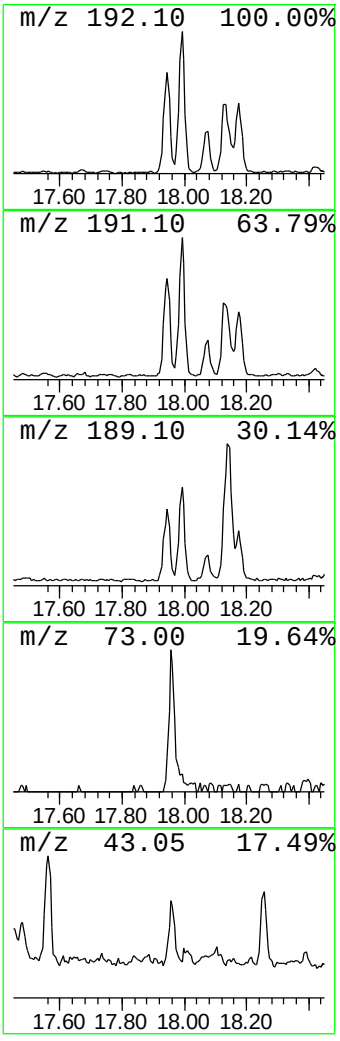
Peak Number 21 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	5.45 ng/ul	256086	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Library Search Compound Report

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Data File : BM001871.D
Acq On : 07 Jul 2015 19:44
Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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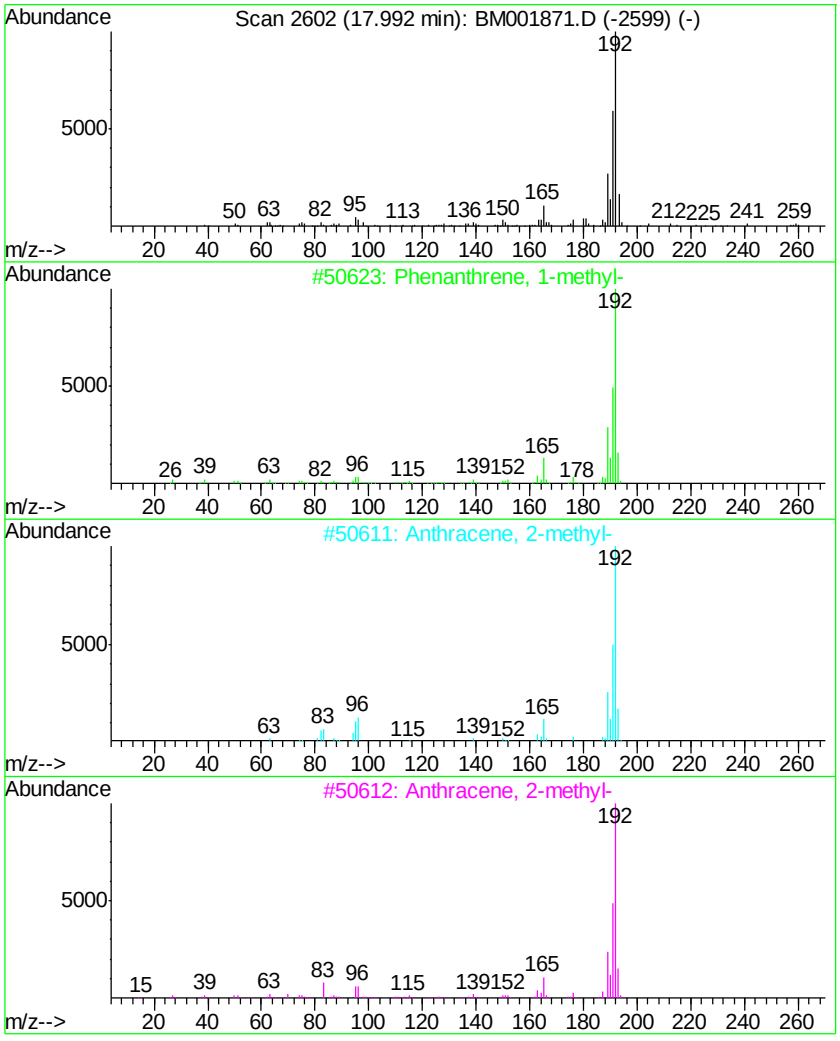
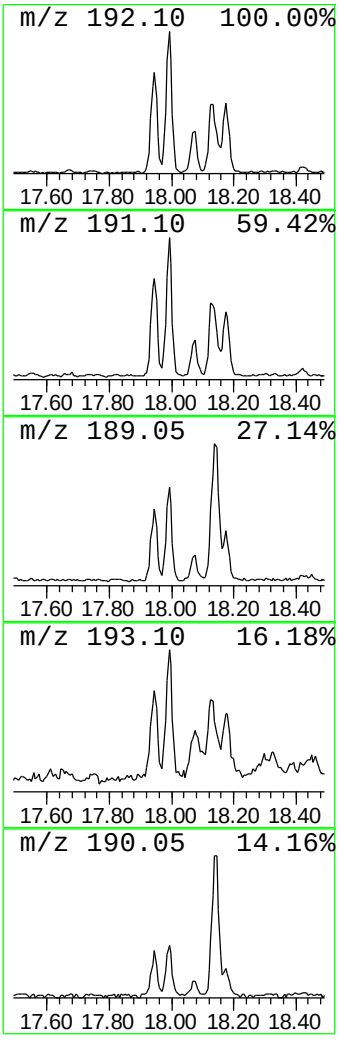
Peak Number 22 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	4.32 ng/ul	203048	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





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Acq On : 07 Jul 2015 19:44
Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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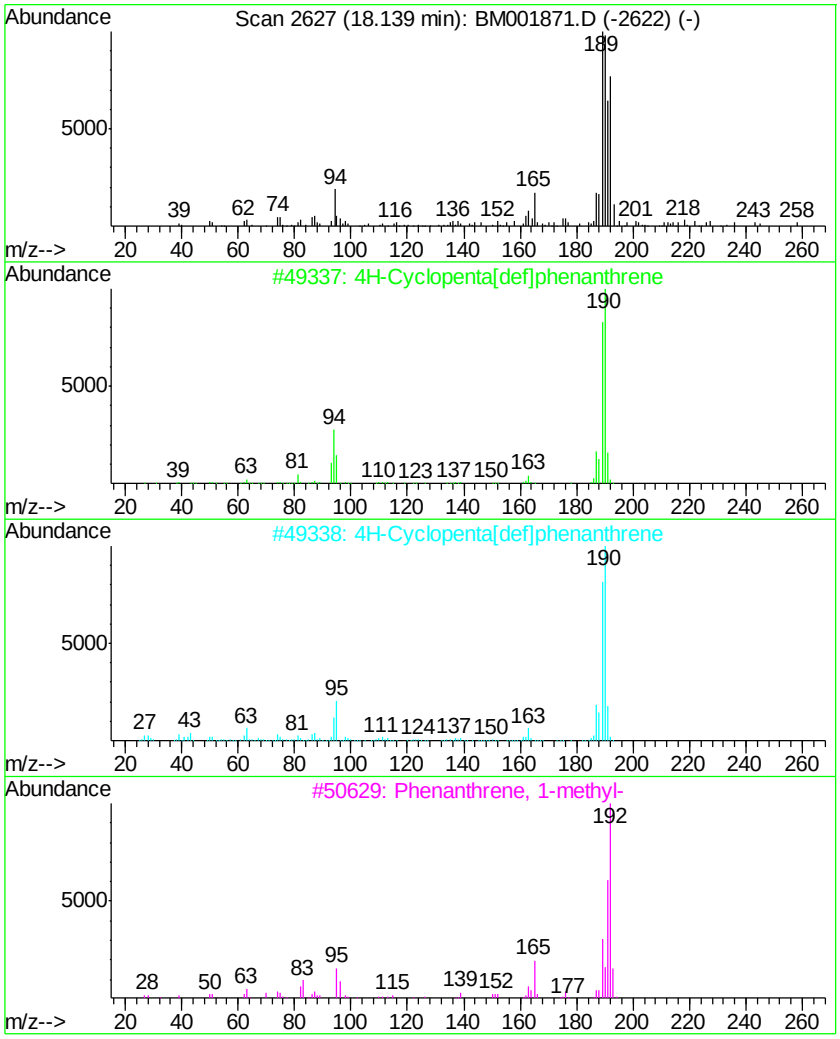
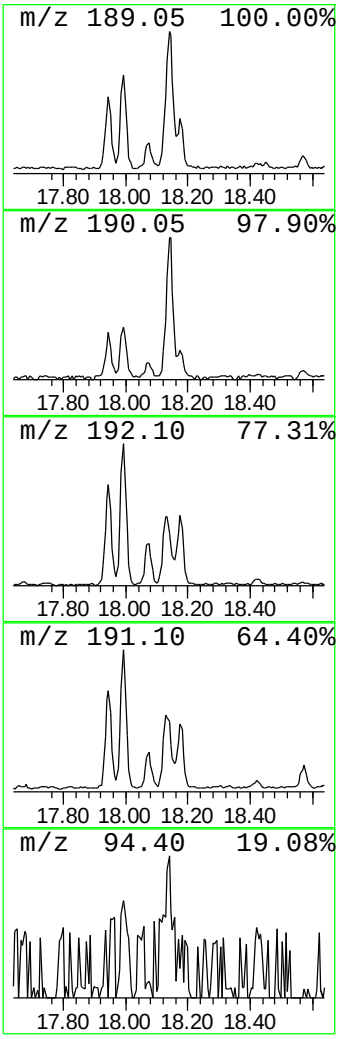
Peak Number 23 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	3.47 ng/ul	163304	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	38
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	38





Library Search Compound Report

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Acq On : 07 Jul 2015 19:44
Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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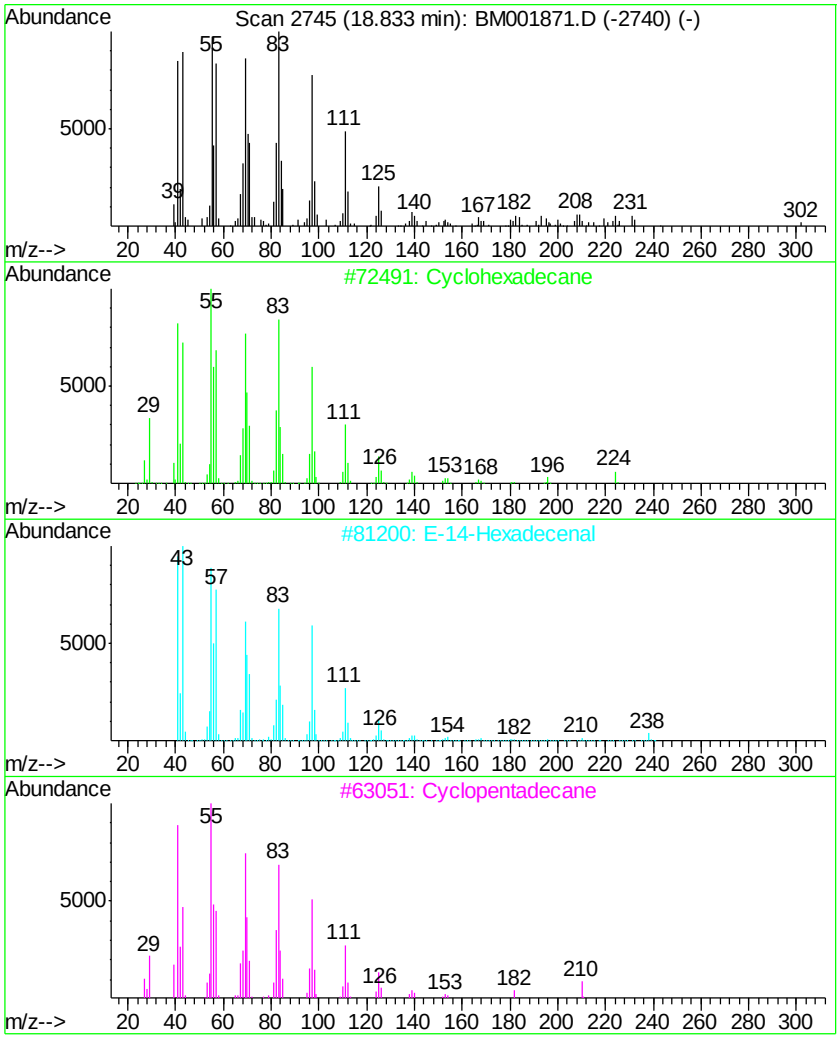
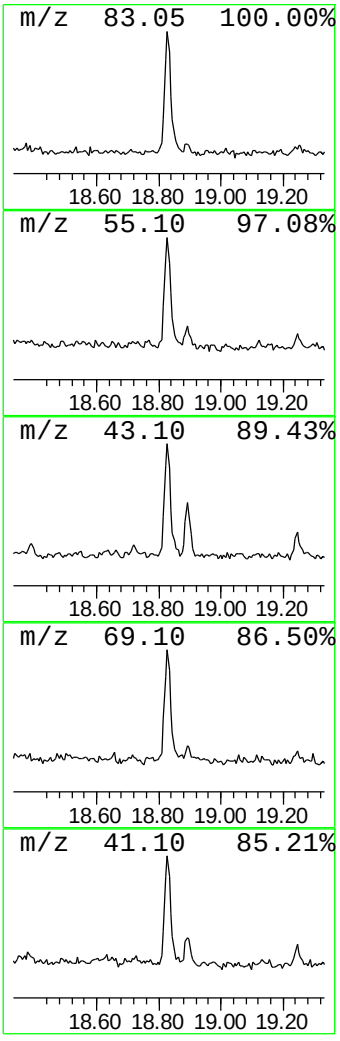
Peak Number 24 Cyclohexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	4.61 ng/ul	216780	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	99
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	98
3	Cyclopentadecane	210	C15H30	000295-48-7	98
4	Cyclotetradecane	196	C14H28	000295-17-0	94
5	1-Heptadecanol	256	C17H36O	001454-85-9	94





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Acq On : 07 Jul 2015 19:44
Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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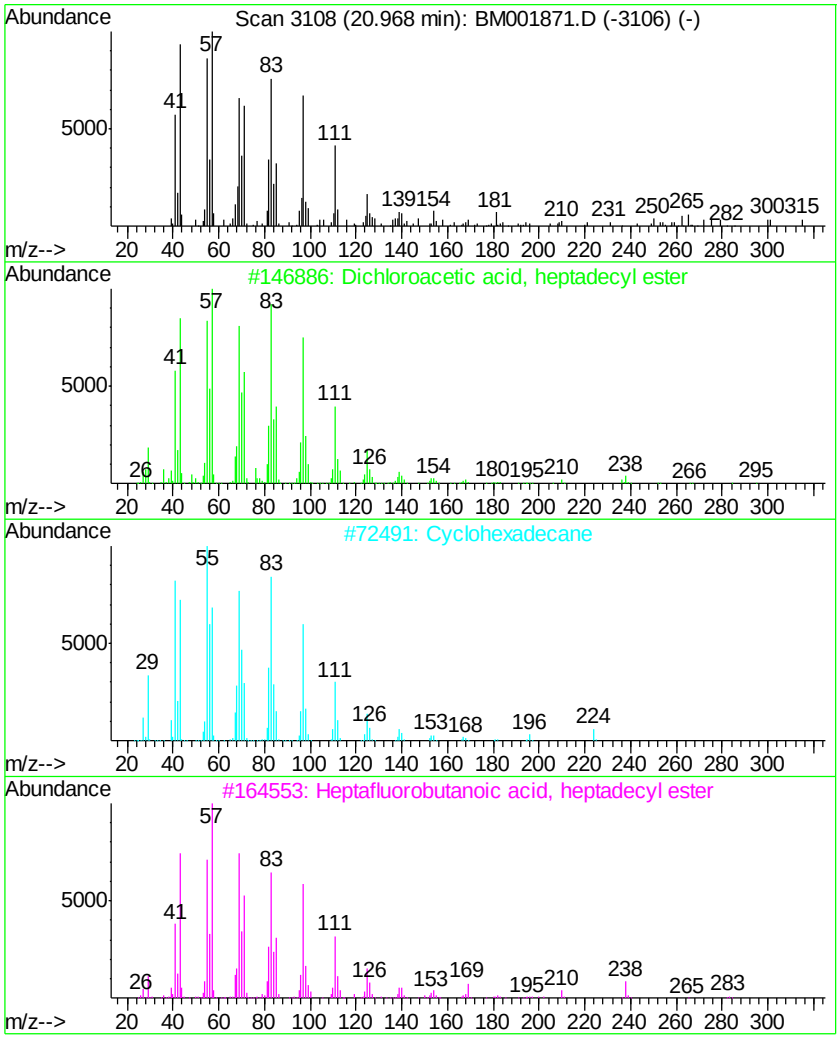
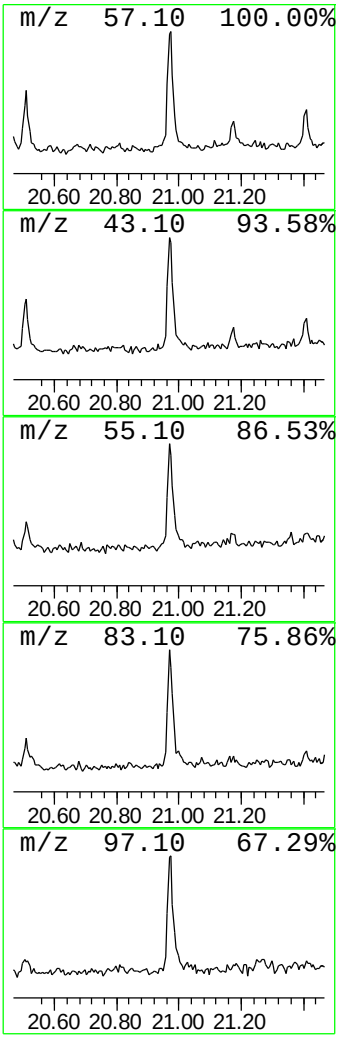
Peak Number 25 Dichloroacetic acid, heptad... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.92 ng/ul	282309	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2	Cyclohexadecane	224	C16H32	000295-65-8	90
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	89
4	Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	86
5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	78





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Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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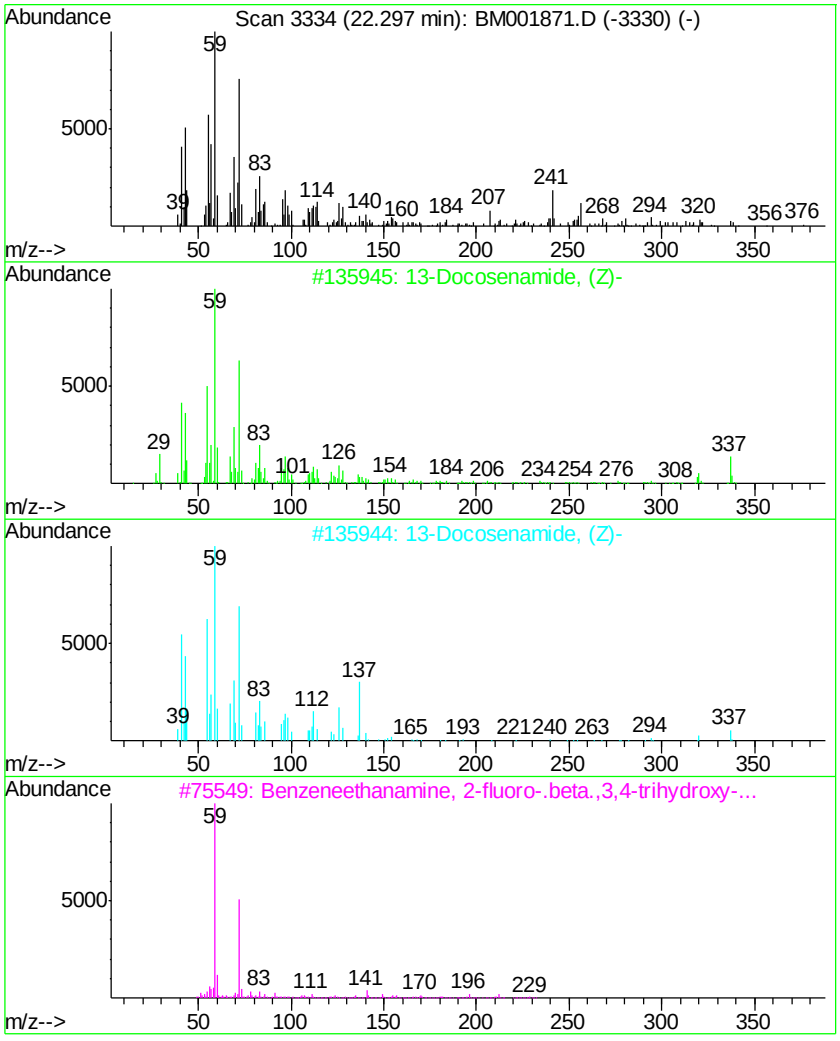
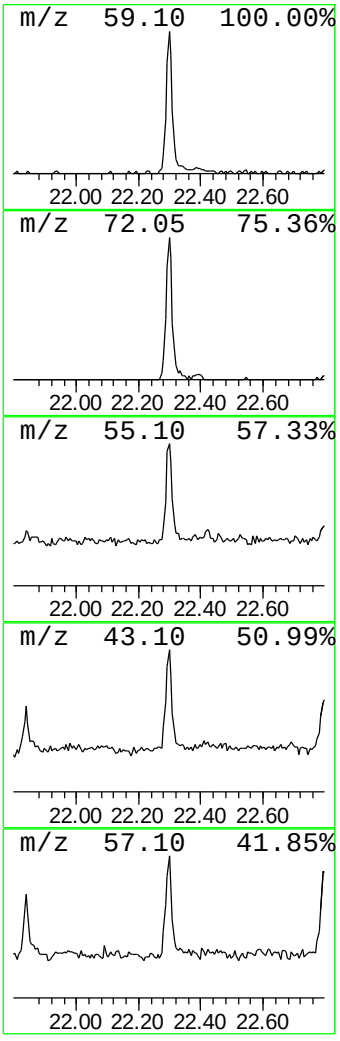
Peak Number 26 13-Docosenamide, (Z)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	3.66 ng/ul	354032	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	76
3	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	64
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	49
5	Cyclohexanecarboxamide	127	C7H13NO	001122-56-1	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001871.D
Acq On : 07 Jul 2015 19:44
Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.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
3-Penten-2-one	2.85	2.3	ng/ul	64070	1	7.66	562556	20.0
Butane, 2-methoxy...	2.88	88.0	ng/ul	2476260	1	7.66	562556	20.0
unknown-01	3.66	2.7	ng/ul	75682	1	7.66	562556	20.0
1H-Indene, 2,3-di...	9.86	2.1	ng/ul	87457	2	10.46	830160	20.0
(DEL) Alkane: Str...	11.47	2.3	ng/ul	93909	2	10.46	830160	20.0
(DEL) Alkane: Str...	11.88	3.0	ng/ul	125759	2	10.46	830160	20.0
Naphthalene, 1-me...	12.35	5.3	ng/ul	218534	2	10.46	830160	20.0
(DEL) Alkane: Str...	12.84	2.6	ng/ul	128151	3	14.32	995081	20.0
(DEL) Alkane: Str...	13.14	4.3	ng/ul	215011	3	14.32	995081	20.0
Naphthalene, 2,7-...	13.48	4.2	ng/ul	206395	3	14.32	995081	20.0
Naphthalene, 2,3-...	13.64	5.3	ng/ul	261611	3	14.32	995081	20.0
Naphthalene, 1,8-...	13.88	2.5	ng/ul	122633	3	14.32	995081	20.0
(DEL) Alkane: Str...	14.22	4.0	ng/ul	201514	3	14.32	995081	20.0
(DEL) Alkane: Str...	15.17	4.0	ng/ul	197368	3	14.32	995081	20.0
(DEL) Alkane: Str...	15.57	3.7	ng/ul	182045	3	14.32	995081	20.0
Dibenzofuran, 4-m...	15.67	2.7	ng/ul	132831	3	14.32	995081	20.0
(DEL) Alkane: Str...	16.05	10.8	ng/ul	508233	4	17.07	939883	20.0
(DEL) Alkane: Str...	16.83	2.4	ng/ul	112672	4	17.07	939883	20.0
(DEL) Alkane: Str...	16.87	5.9	ng/ul	277716	4	17.07	939883	20.0
Phenanthrene, 1-m...	17.95	5.5	ng/ul	256086	4	17.07	939883	20.0
Anthracene, 2-met...	17.99	4.3	ng/ul	203048	4	17.07	939883	20.0
unknown-02	18.14	3.5	ng/ul	163304	4	17.07	939883	20.0
Cyclohexadecane	18.83	4.6	ng/ul	216780	4	17.07	939883	20.0
Dichloroacetic ac...	20.97	2.9	ng/ul	282309	5	21.26	1933540	20.0
13-Docosenamide, ...	22.30	3.7	ng/ul	354032	5	21.26	1933540	20.0