LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014770.D
Acq On : 20 Apr 2018 19:18
Operator : SJ/JU
Sample : J2434-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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\SOM-EPA-BM041918.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.316	3	5	9	rVB	432846	470257	2.42%	0.216%
2	3.369	9	14	19	rVV	913774	1178756	6.08%	0.541%
3	3.422	19	23	31	rVB	165030	238373	1.23%	0.109%
4	4.263	161	166	176	rVB	395632	536971	2.77%	0.246%
5	7.663	737	744	755	rBV2	996100	1954499	10.08%	0.896%
6	7.845	767	775	783	rBV	816025	1311067	6.76%	0.601%
7	8.063	804	812	818	rBV	1036868	1704246	8.79%	0.782%
8	8.545	887	894	908	rVB	1229482	2059388	10.62%	0.944%
9	9.239	1005	1012	1021	rBV	1001118	1625121	8.38%	0.745%
10	9.722	1087	1094	1103	rBV	963003	1676558	8.64%	0.769%
11	10.457	1211	1219	1230	rVB	755629	1288627	6.64%	0.591%
12	10.992	1303	1310	1319	rBV	1215885	2019705	10.41%	0.926%
13	11.392	1370	1378	1384	rBV	1613413	2766034	14.26%	1.268%
14	11.510	1391	1398	1416	rBV	872634	1652293	8.52%	0.758%
15	14.533	1905	1912	1916	rBV	2001754	2764472	14.25%	1.268%
16	14.580	1916	1920	1926	rVB	580036	834734	4.30%	0.383%
17	14.845	1958	1965	1978	rBV	2366933	3584693	18.48%	1.644%
18	14.998	1983	1991	1995	rVB	187646	252946	1.30%	0.116%
19	15.145	1999	2016	2022	rBV2	2164816	3529643	18.20%	1.619%
20	15.204	2022	2026	2035	rVB	200322	315136	1.62%	0.145%
21	15.298	2035	2042	2051	rBV	629651	973515	5.02%	0.446%
22	15.933	2145	2150	2156	rVB	216651	289182	1.49%	0.133%
23	16.121	2175	2182	2187	rBV	2795716	4093940	21.11%	1.877%
24	16.221	2194	2199	2204	rVB	305937	438425	2.26%	0.201%
25	16.333	2209	2218	2230	rVB5	94673	276300	1.42%	0.127%
26	16.462	2235	2240	2251	rVB	457515	634018	3.27%	0.291%
27	16.780	2290	2294	2310	rVB	186893	411292	2.12%	0.189%
28	17.856	2470	2477	2481	rBV	2560669	3825983	19.72%	1.755%
29	17.898	2481	2484	2488	rVB	1637977	2065165	10.65%	0.947%
30	17.951	2488	2493	2498	rBV	2804526	4129245	21.29%	1.894%
31	18.245	2536	2543	2548	rBV2	317938	512086	2.64%	0.235%
32	18.680	2612	2617	2620	rBV	631054	848757	4.38%	0.389%
33	18.709	2620	2622	2626	rVB	235546	275206	1.42%	0.126%
34	18.756	2626	2630	2637	rVB2	427889	646944	3.34%	0.297%

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Misc :
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Instrument : BNA_M
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Integrator: RTE
Smoothing : OFF Filtering: 5
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Title : SVOA CALIBRATION

35	18.909	2649	2656	2659	rBV3	439256	837260	4.32%	0.384%
36	19.192	2700	2704	2707	rVV	163037	211317	1.09%	0.097%
37	19.598	2767	2773	2778	rBV3	155783	336923	1.74%	0.155%
38	19.739	2793	2797	2802	rBV3	126677	278174	1.43%	0.128%
39	19.862	2812	2818	2823	rVB	6997135	9499242	48.97%	4.356%
40	19.915	2824	2827	2831	rBV2	183147	230515	1.19%	0.106%
41	20.033	2843	2847	2851	rBV5	111215	208458	1.07%	0.096%
42	20.098	2856	2858	2867	rVB	194136	294156	1.52%	0.135%
43	20.186	2867	2873	2875	rBV2	4195365	6013801	31.00%	2.758%
44	20.215	2875	2878	2885	rVV	7425845	10418377	53.71%	4.778%
45	20.274	2885	2888	2892	rVB	269743	356825	1.84%	0.164%
46	20.386	2903	2907	2912	rVB	430726	565673	2.92%	0.259%
47	20.450	2913	2918	2924	rVB	564823	791597	4.08%	0.363%
48	20.521	2925	2930	2936	rBV3	511419	1166120	6.01%	0.535%
49	20.580	2937	2940	2944	rVB	251449	291756	1.50%	0.134%
50	20.692	2946	2959	2963	rBV	1660711	3466451	17.87%	1.590%
51	20.786	2971	2975	2979	rBV	1341946	1743310	8.99%	0.799%
52	20.845	2979	2985	2989	rVV2	751885	1311827	6.76%	0.602%
53	20.880	2989	2991	2995	rVB	234231	252468	1.30%	0.116%
54	20.986	3005	3009	3012	rBV	770367	1019470	5.26%	0.468%
55	21.027	3013	3016	3023	rVB	731916	1067604	5.50%	0.490%
56	21.309	3061	3064	3071	rVB4	715014	1127111	5.81%	0.517%
57	21.415	3080	3082	3090	rVB2	446054	624480	3.22%	0.286%
58	21.592	3107	3112	3115	rBV2	1346472	1948899	10.05%	0.894%
59	21.668	3120	3125	3128	rBV2	1232288	1802065	9.29%	0.826%
60	21.927	3164	3169	3175	rBV2	8344496	15519494	80.01%	7.117%
61	21.980	3175	3178	3183	rVB	6388497	8800769	45.37%	4.036%
62	22.109	3197	3200	3207	rVB	1167272	1736891	8.95%	0.797%
63	22.221	3216	3219	3223	rVB	830624	1113208	5.74%	0.511%
64	22.274	3224	3228	3234	rBV	1487770	2455110	12.66%	1.126%
65	22.762	3307	3311	3314	rBV3	532693	890204	4.59%	0.408%
66	22.862	3325	3328	3338	rVB3	581117	950397	4.90%	0.436%
67	23.686	3460	3468	3473	rBV	7579124	19071021	98.32%	8.746%
68	23.874	3495	3500	3506	rVB	1095404	1809079	9.33%	0.830%
69	24.227	3554	3560	3566	rBV	4751205	10266947	52.93%	4.708%
70	24.285	3566	3570	3573	rVV2	2374222	4686232	24.16%	2.149%
71	24.338	3573	3579	3591	rVV	8537494	19396767	100.00%	8.895%

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Integrator: RTE
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Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
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72	24.444	3592	3597	3601	rVV	1820571	3788926	19.53%	1.738%
73	24.497	3602	3606	3614	rVB2	2181050	4680453	24.13%	2.146%
74	27.044	4029	4039	4050	rVB	4315766	13589455	70.06%	6.232%
75	27.850	4166	4176	4196	rVB	3457458	12254746	63.18%	5.620%

Sum of corrected areas: 218057155

LSC Report - Integrated Chromatogram

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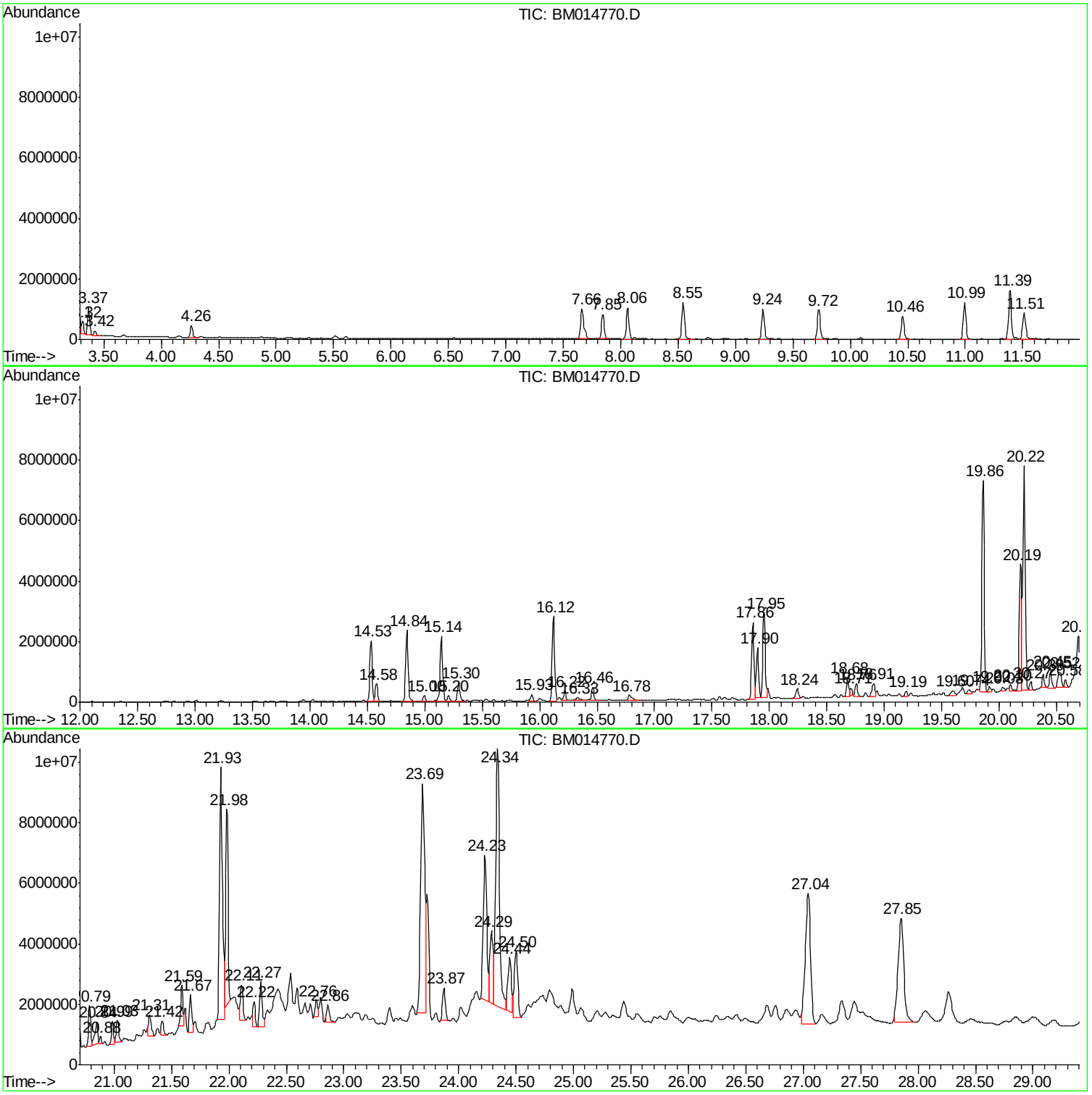
Operator : SJ/JU
Sample : J2434-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

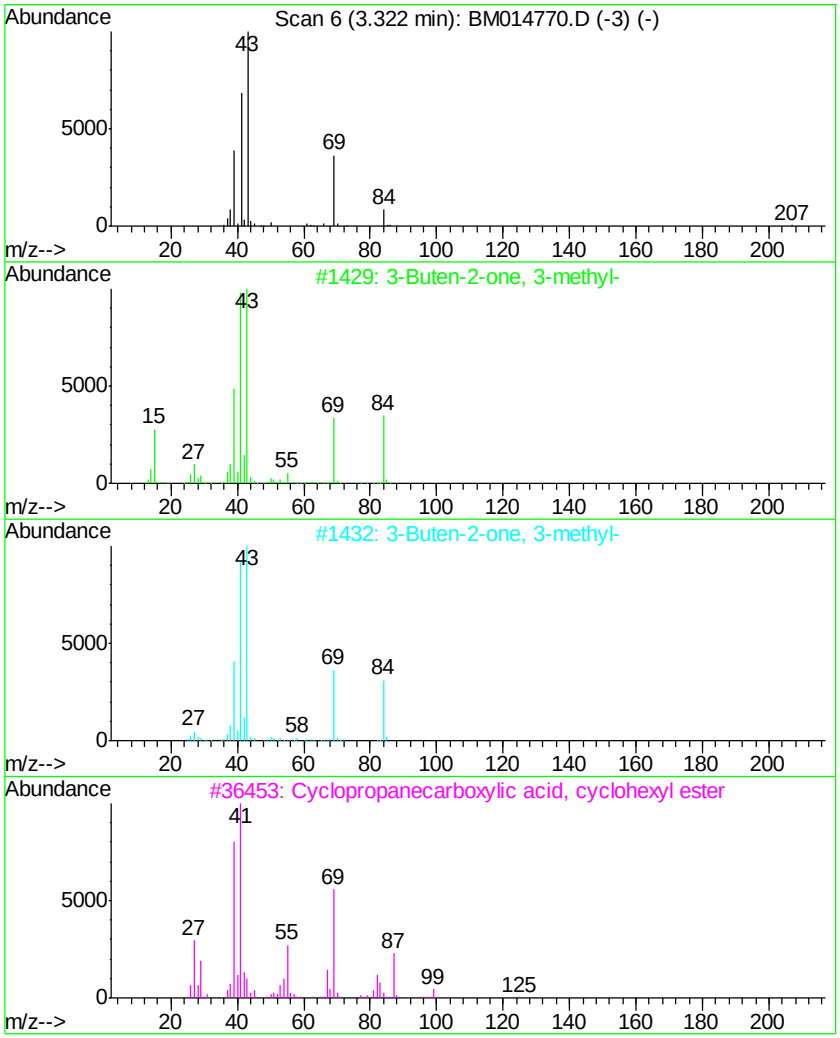
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

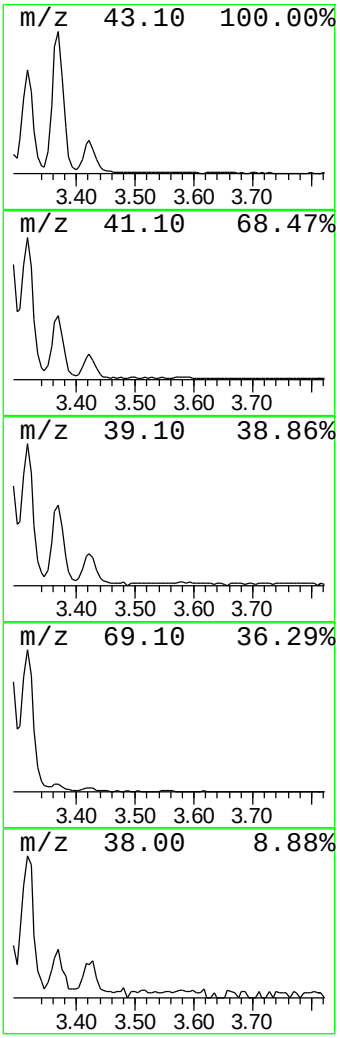
****

Peak Number 1 3-Buten-2-one, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	4.57 ng/ul	470257	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	78
2	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	50
3	Cyclopropanecarboxylic acid, cyc...	168	C10H16O2	1000278-70-7	33
4	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	28
5	3-Penten-2-one	84	C5H8O	000625-33-2	27





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Sample : J2434-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

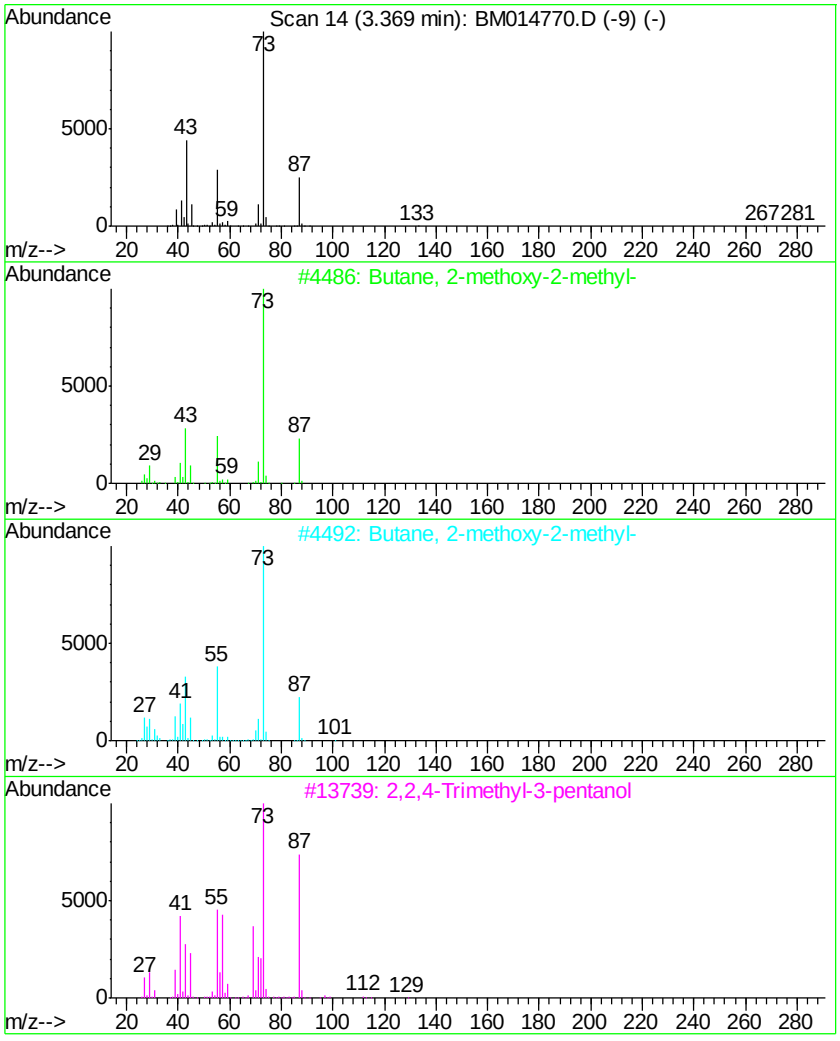
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

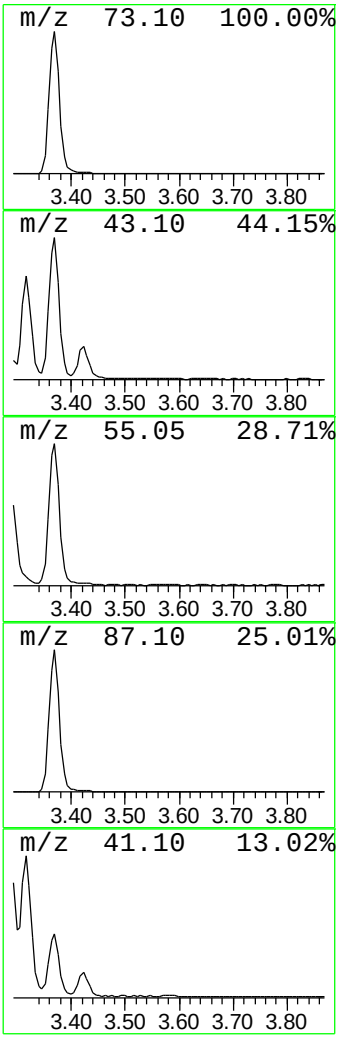
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.37	11.45 ng/ul	1178760	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





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Sample : J2434-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

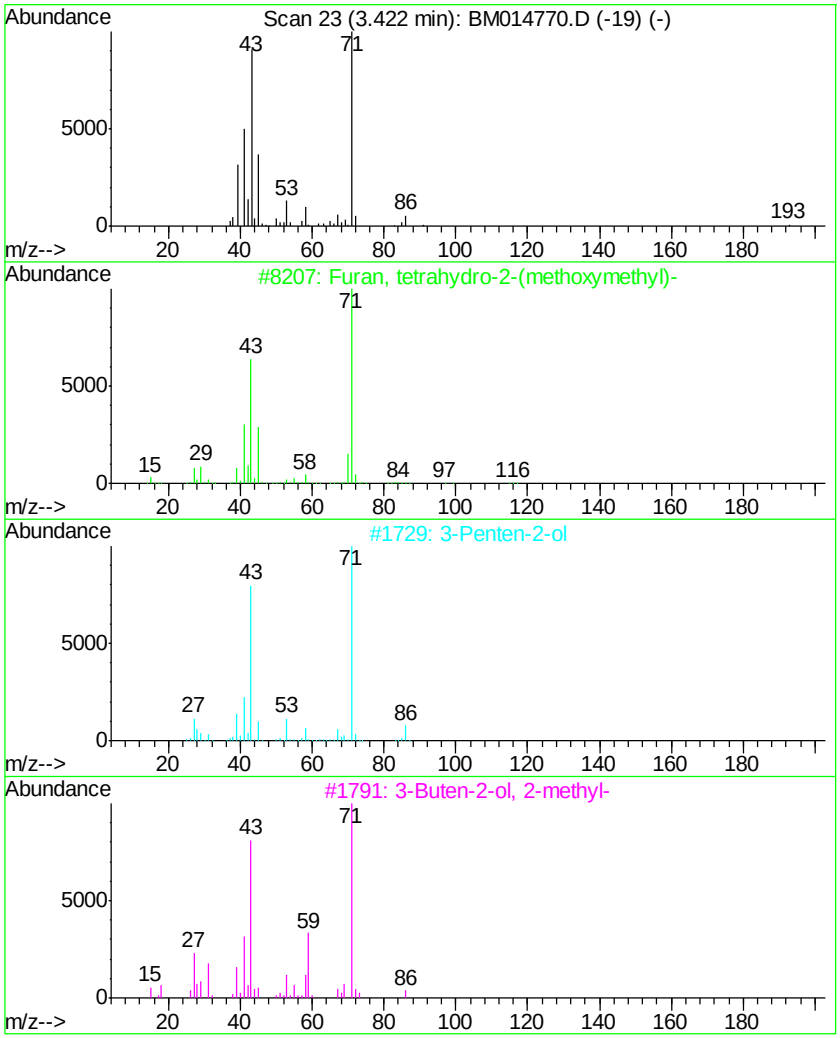
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

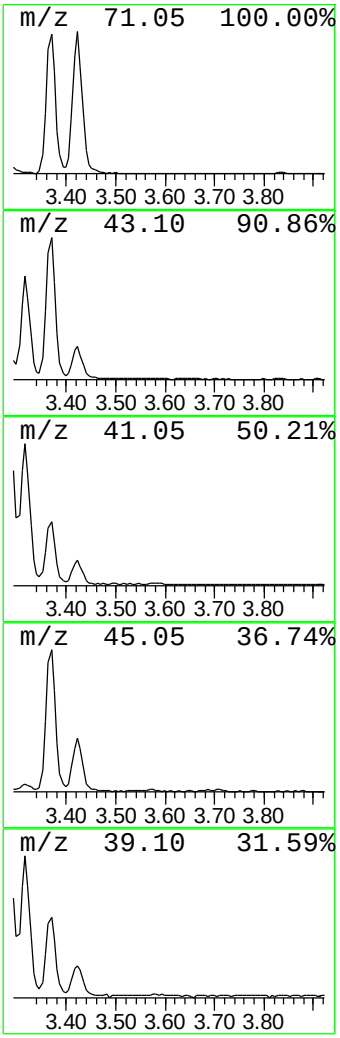
****

Peak Number 3 Furan, tetrahydro-2-(methox... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	2.31 ng/ul	238373	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	78
2	3-Penten-2-ol	86	C5H10O	001569-50-2	72
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	72
4	Acetic acid, (1,2-dimethyl-1-pro...	128	C7H12O2	003814-41-3	64
5	Butane, 2-bromo-2-methyl-	150	C5H11Br	000507-36-8	59





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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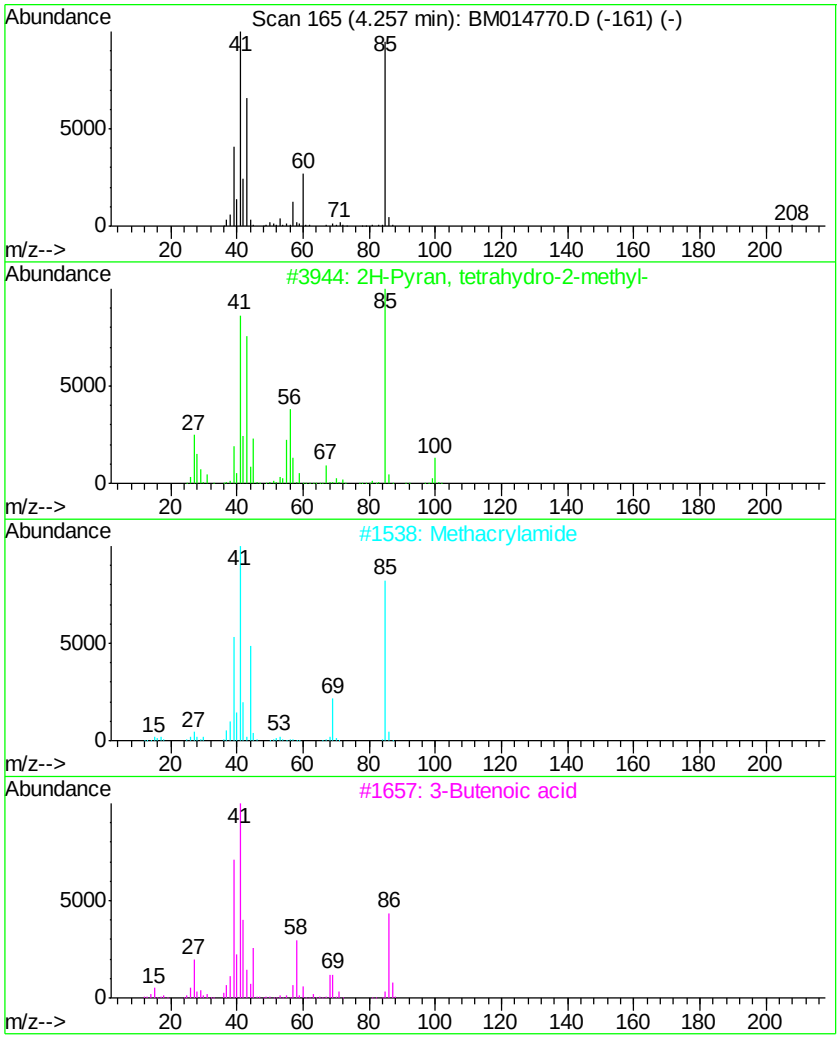
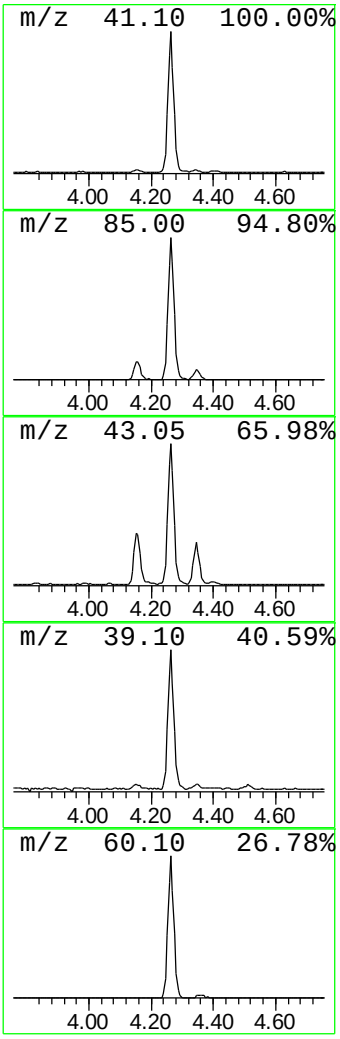
Peak Number 4 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	5.21 ng/ul	536971	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	50
2	Methacrylamide	85	C4H7NO	000079-39-0	28
3	3-Butenoic acid	86	C4H6O2	000625-38-7	27
4	2(3H)-Furanone, 5-acetyldihydro-	128	C6H8O3	029393-32-6	23
5	Thiazole	85	C3H3NS	000288-47-1	17





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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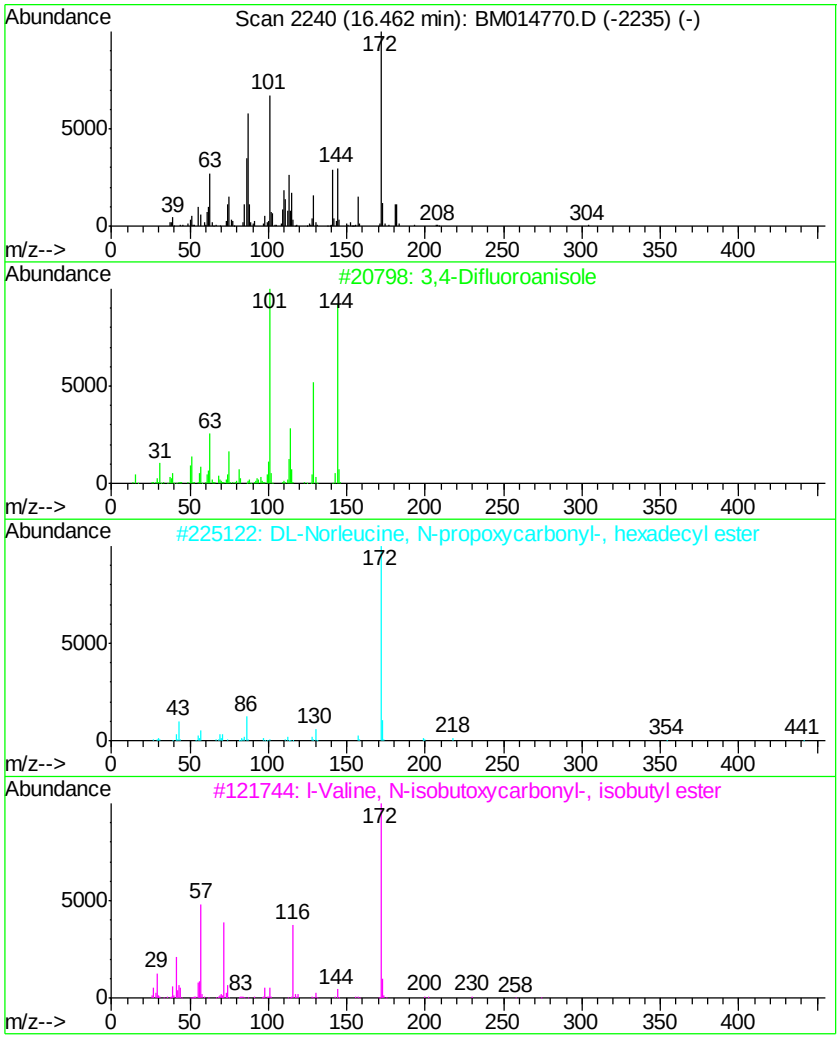
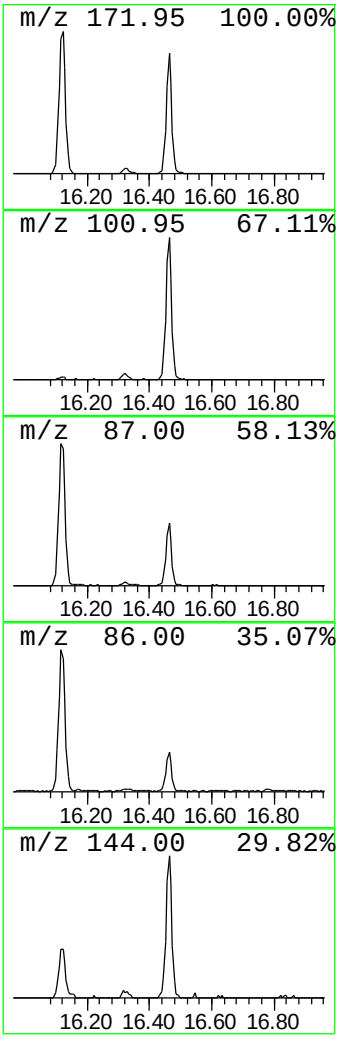
****

Peak Number 5 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	3.59 ng/ul	634018	Acenaphthene-d10	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Difluoroanisole	144	C7H6F2O	115144-40-6	22
2	DL-Norleucine, N-propoxycarbonyl...	441	C26H51NO4	1000339-03-8	14
3	l-Valine, N-isobutoxycarbonyl-, ...	273	C14H27NO4	1000313-80-5	14
4	D-Norleucine, N-propoxycarbonyl-...	455	C27H53NO4	1000338-43-7	14
5	Pyrazine, 2-hydroxy-5-phenyl-	172	C10H8N2O	025844-72-8	12





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Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

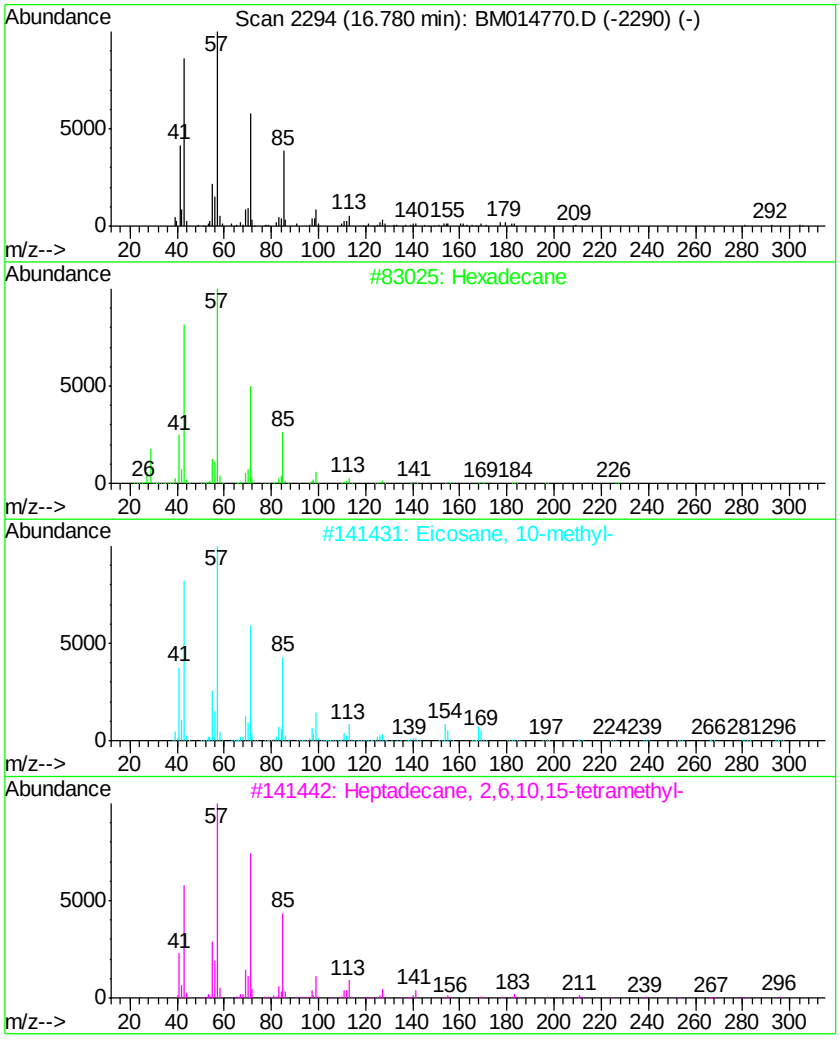
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

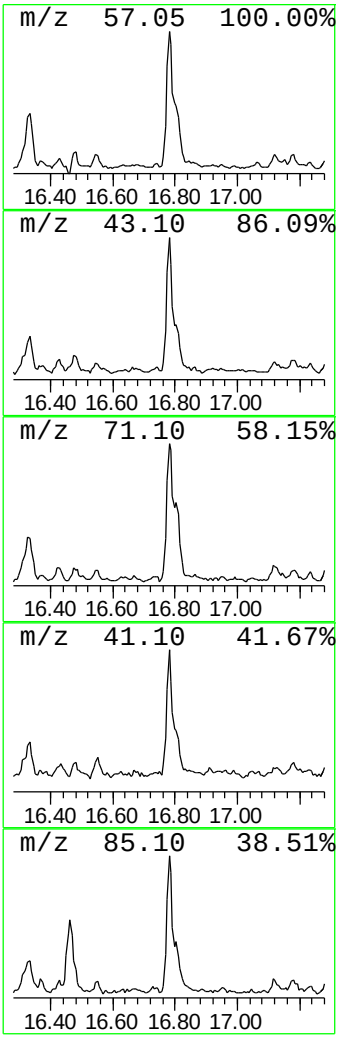
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	2.15 ng/ul	411292	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Eicosane	282	C20H42	000112-95-8	86
5	Nonadecane	268	C19H40	000629-92-5	86





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Quant Title : SVOA CALIBRATION

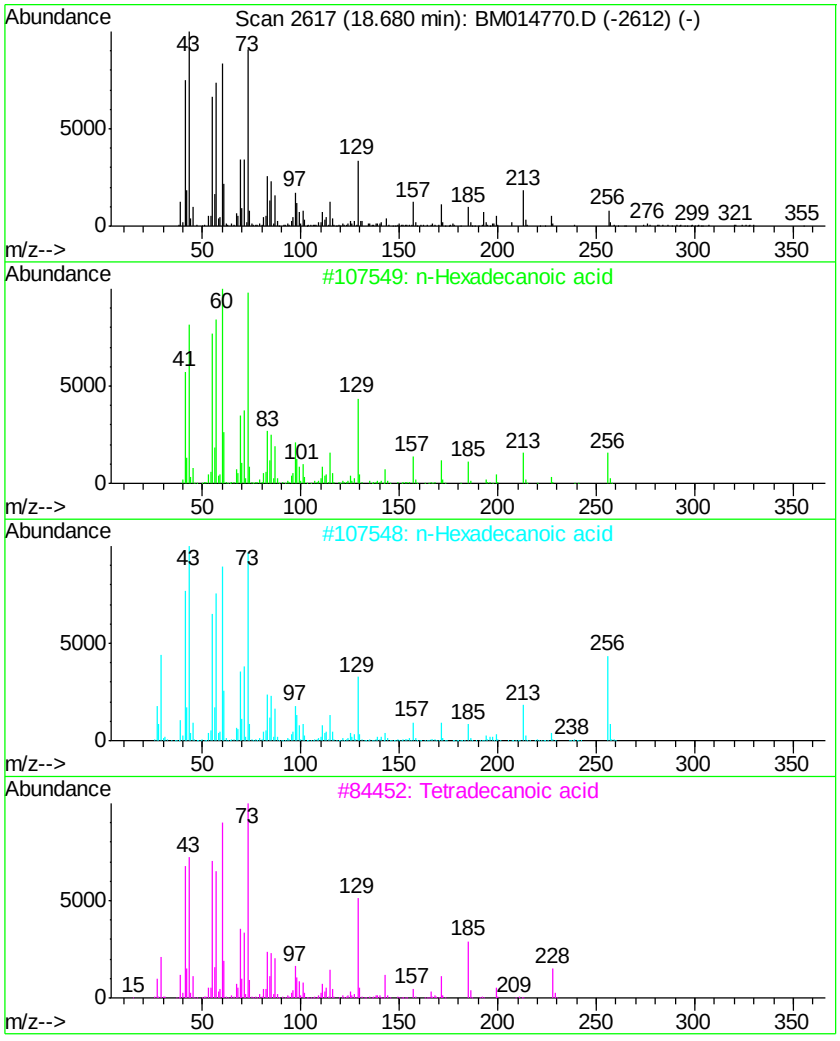
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

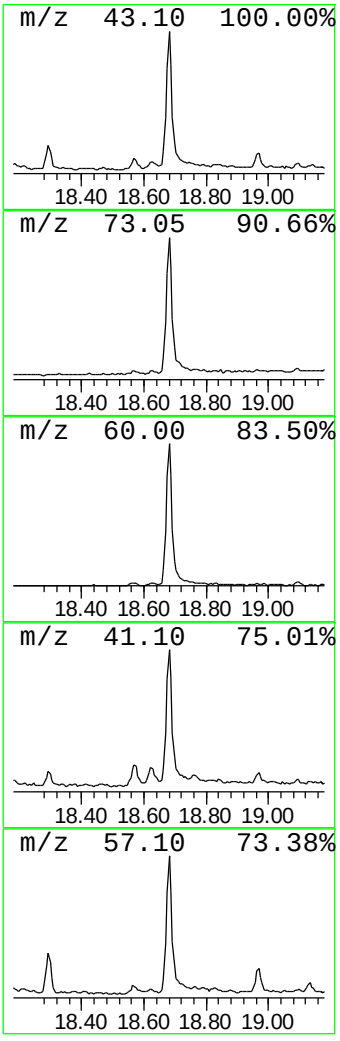
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	4.44 ng/ul	848757	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83





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Data File : BM014770.D
Acq On : 20 Apr 2018 19:18
Operator : SJ/JU
Sample : J2434-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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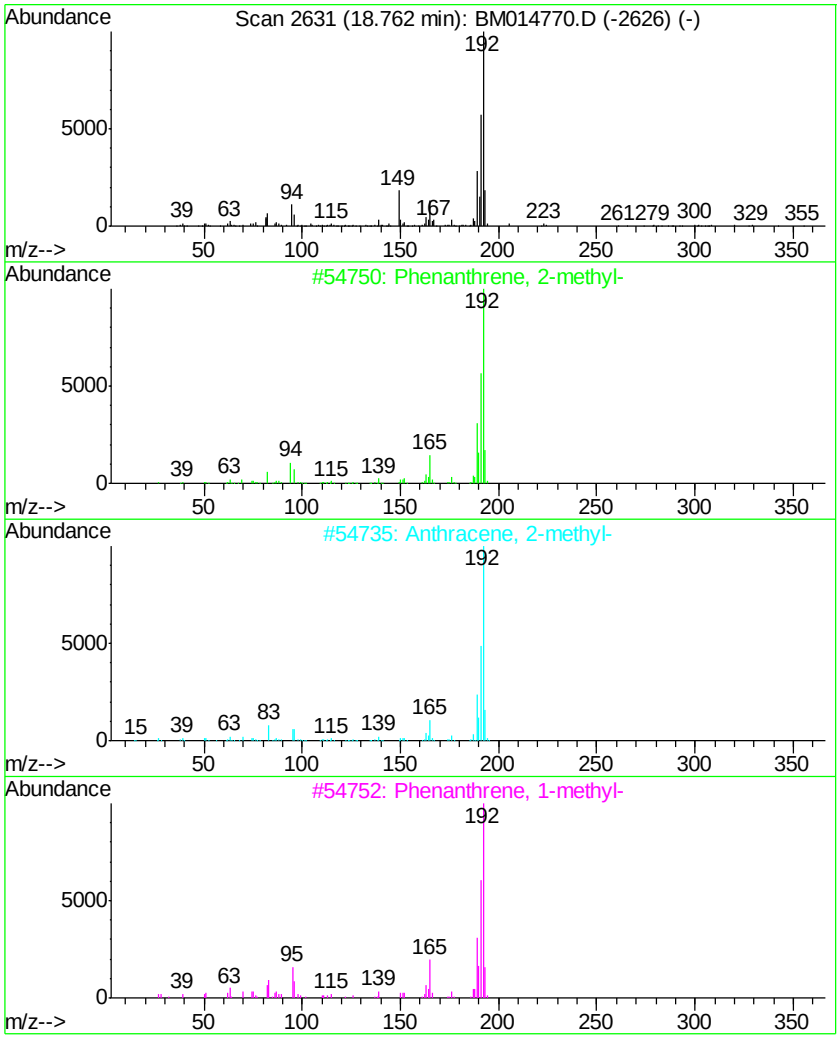
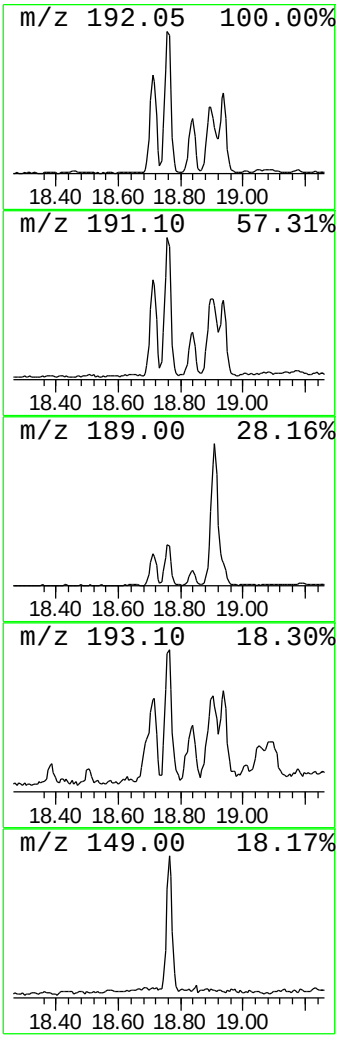
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	3.38 ng/ul	646944	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Sample : J2434-11
Misc :
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Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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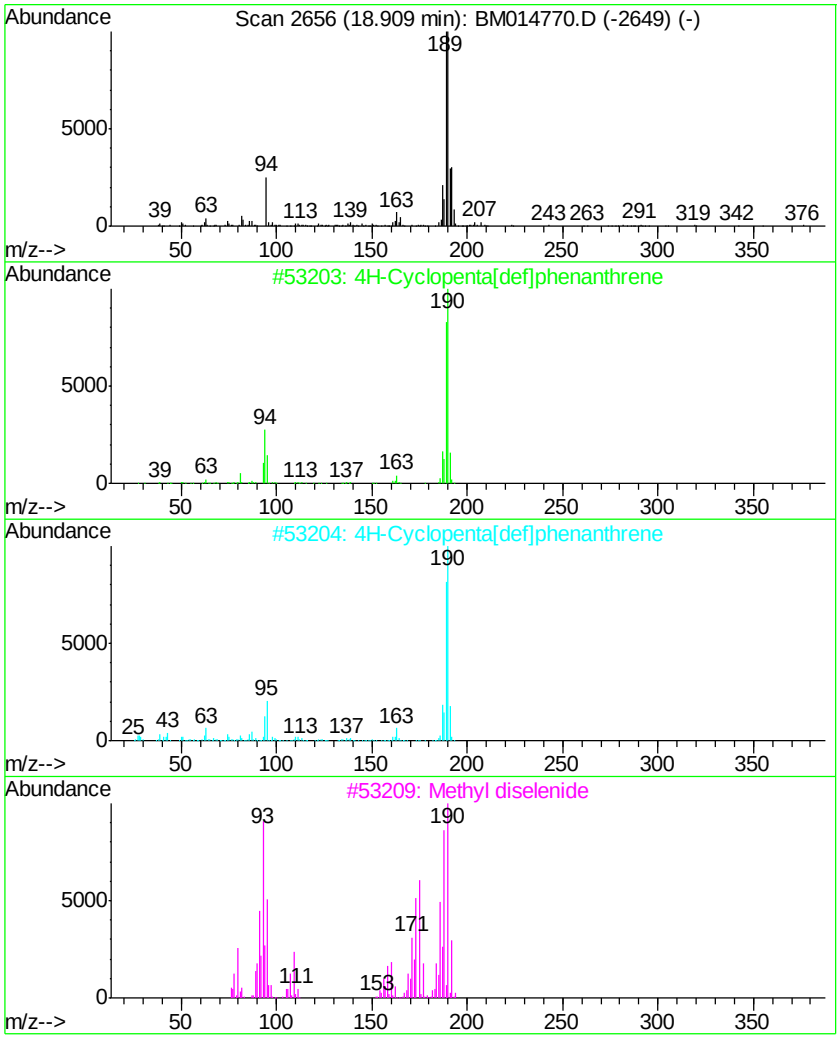
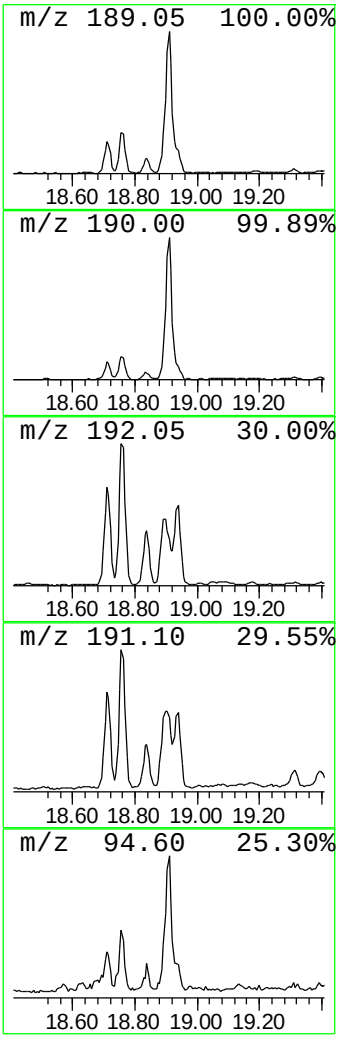
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	4.38 ng/ul	837260	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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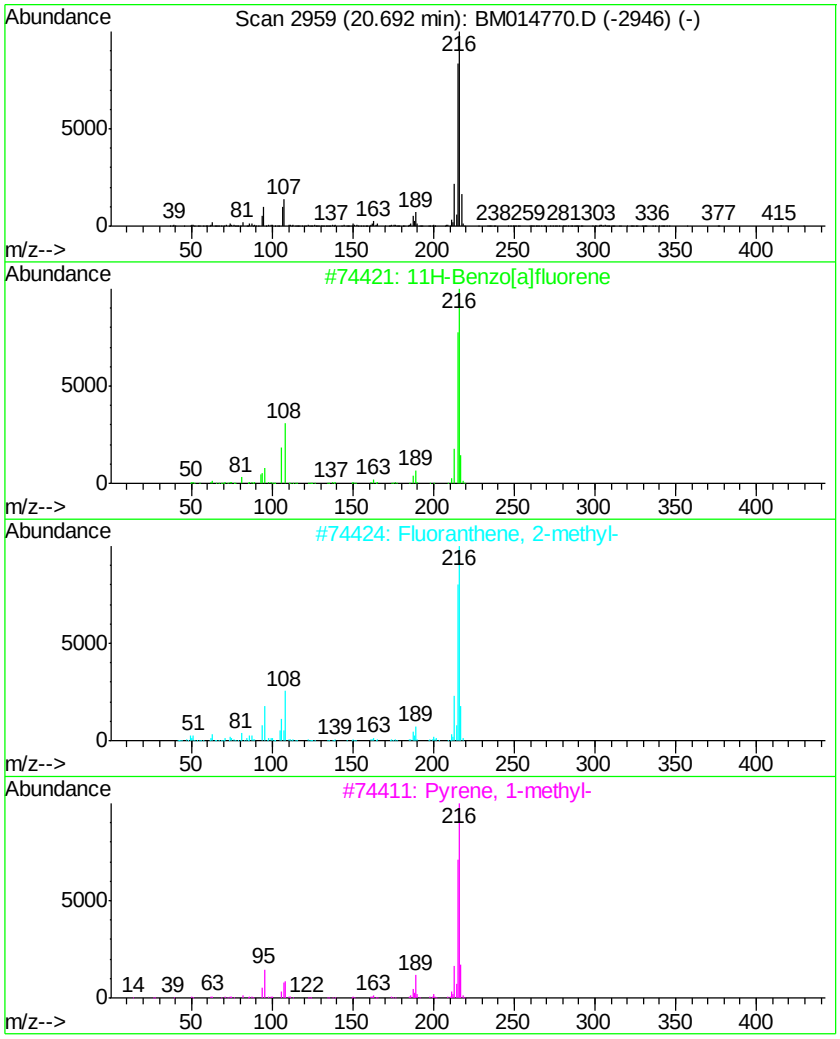
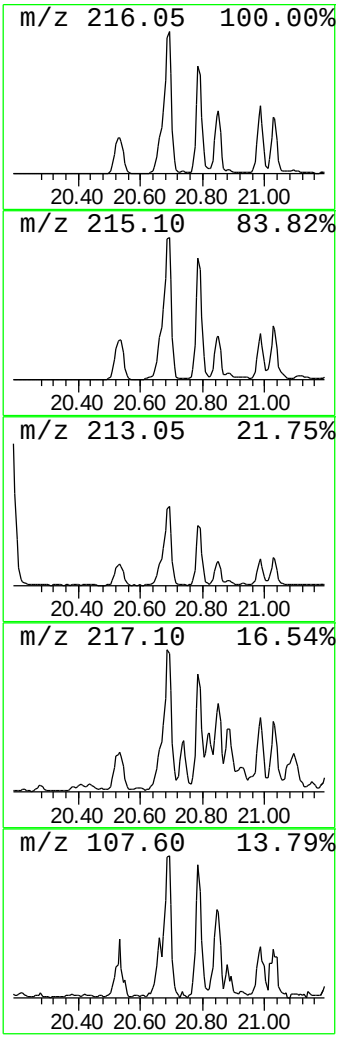
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	4.47 ng/ul	3466450	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Operator : SJ/JU
Sample : J2434-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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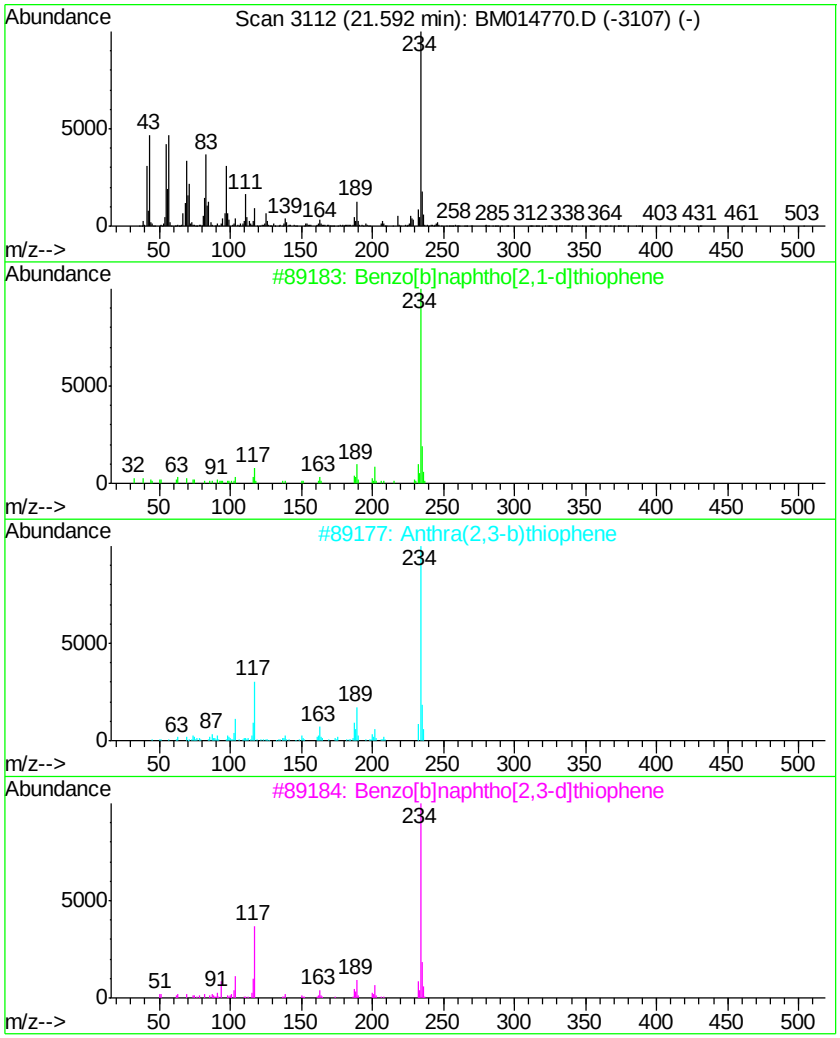
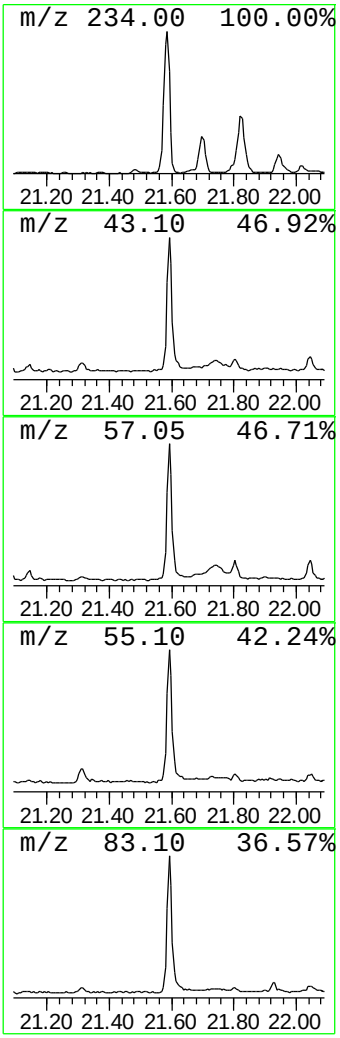
Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	2.51 ng/ul	1948900	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	76
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70





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Data File : BM014770.D
Acq On : 20 Apr 2018 19:18
Operator : SJ/JU
Sample : J2434-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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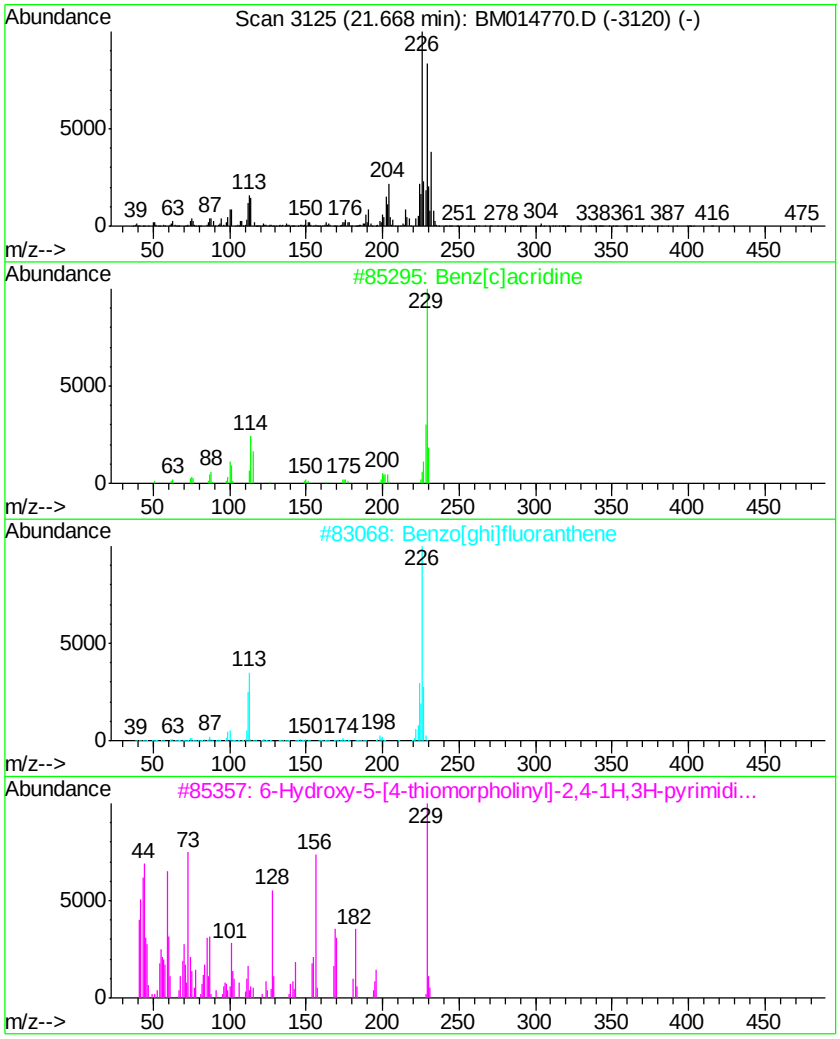
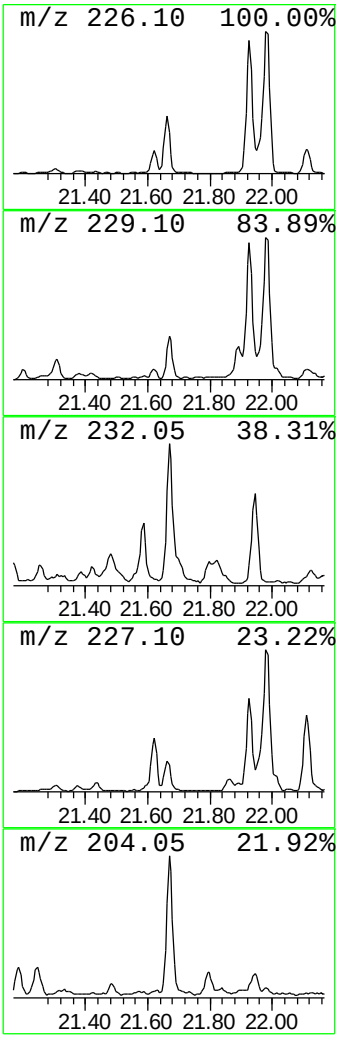
Peak Number 13 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	2.32 ng/ul	1802070	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	42
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	35
3	6-Hydroxy-5-[4-thiomorpholinyl]-...	229	C8H11N3O3S	1000212-11-4	35
4	Benzo(a)acridine	229	C17H11N	000225-11-6	27
5	Benzimidazole-5-amine, 1-methyl-...	229	C12H11N3S	021444-73-5	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014770.D
Acq On : 20 Apr 2018 19:18
Operator : SJ/JU
Sample : J2434-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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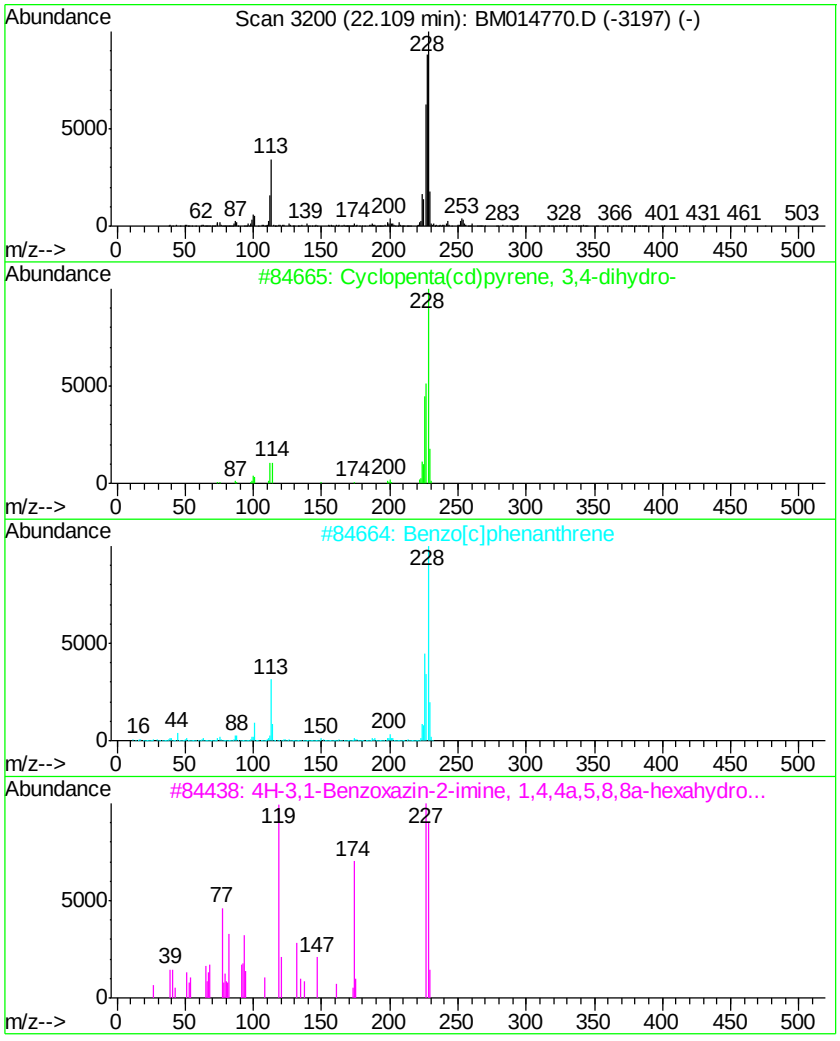
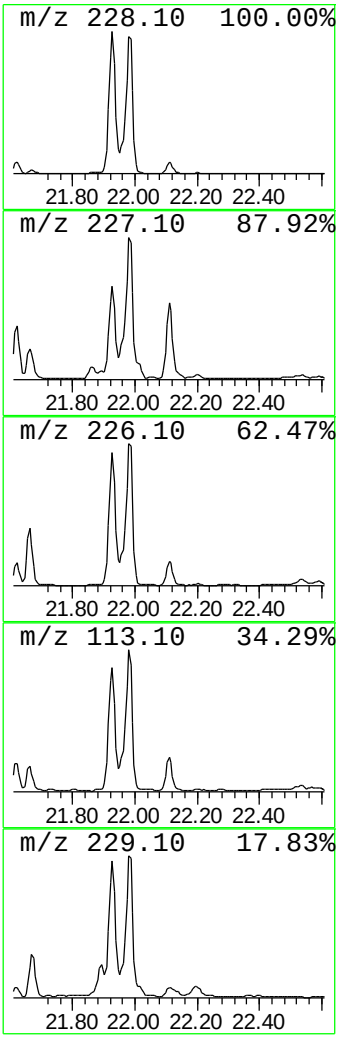
Peak Number 14 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.11	2.24 ng/ul	1736890	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
3	4H-3,1-Benzoxazin-2-imine, 1,4,4...	228	C14H16N2O	1000139-29-1	49
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	47
5	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	47





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Acq On : 20 Apr 2018 19:18
Operator : SJ/JU
Sample : J2434-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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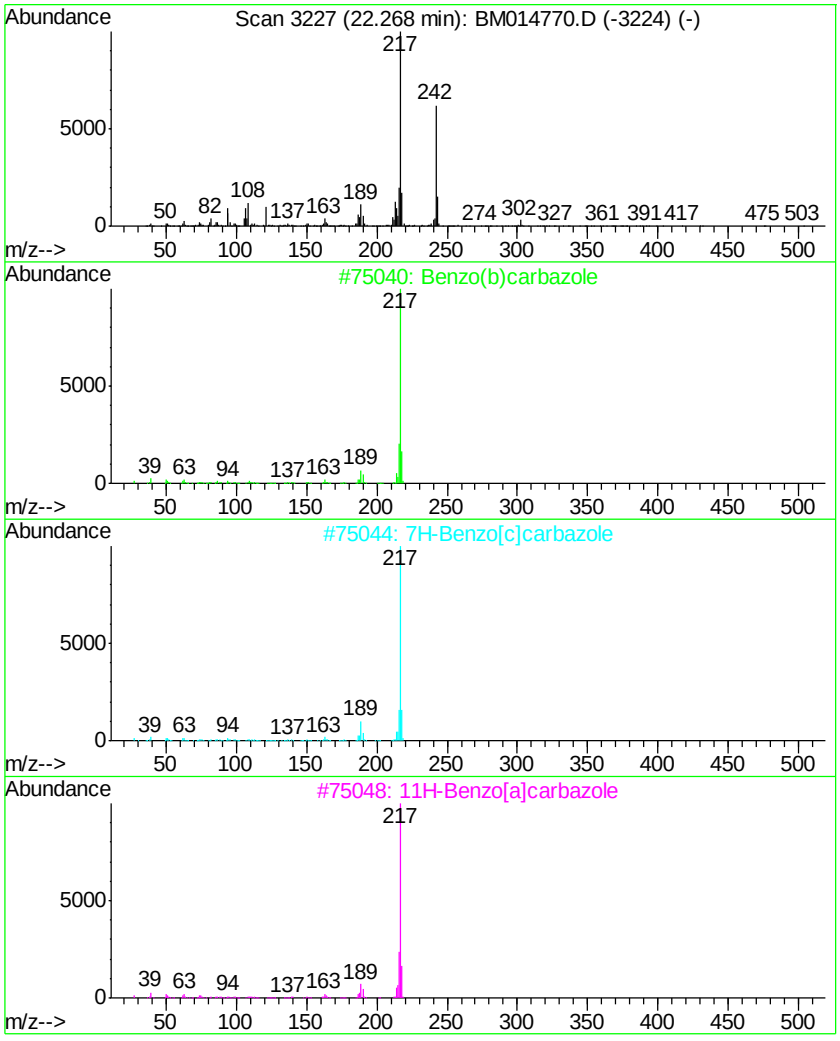
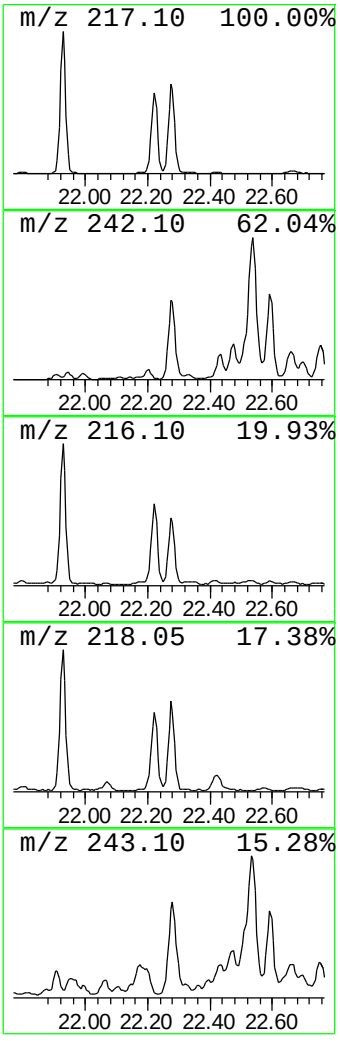
Peak Number 15 Benzo(b)carbazole Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	3.16 ng/ul	2455110	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)carbazole	217	C16H11N	000243-28-7	83
2	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	64
3	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	64
4	Benzo(c)carbazole	217	C16H11N	034777-33-8	60
5	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	60





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Sample : J2434-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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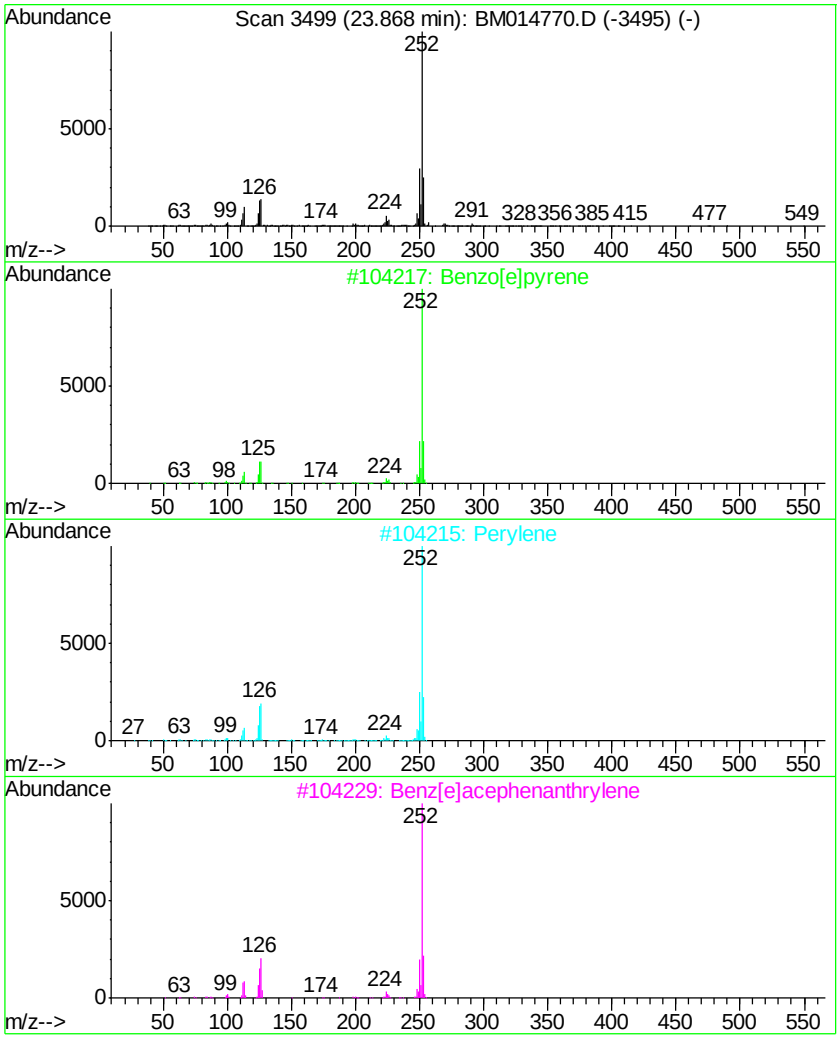
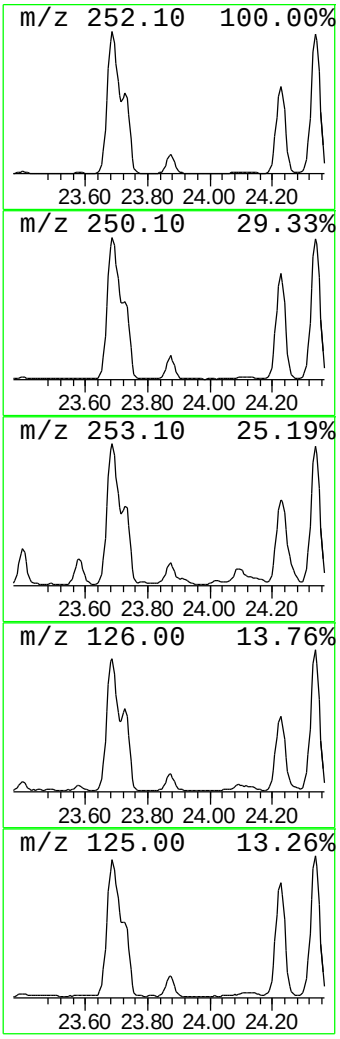
Peak Number 16 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	9.55 ng/ul	1809080	Perylene-d12	24.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

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Data File : BM014770.D
Acq On : 20 Apr 2018 19:18
Operator : SJ/JU
Sample : J2434-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Buten-2-one, 3-...	3.32	4.6	ng/ul	470257	1	8.55	2059390	20.0
Butane, 2-methoxy...	3.37	11.4	ng/ul	1178760	1	8.55	2059390	20.0
Furan, tetrahydro...	3.42	2.3	ng/ul	238373	1	8.55	2059390	20.0
2H-Pyran, tetrahy...	4.26	5.2	ng/ul	536971	1	8.55	2059390	20.0
unknown-01	16.46	3.6	ng/ul	634018	3	15.14	3529640	20.0
(DEL) Alkane: Str...	16.78	2.1	ng/ul	411292	4	17.86	3825980	20.0
n-Hexadecanoic acid	18.68	4.4	ng/ul	848757	4	17.86	3825980	20.0
Phenanthrene, 2-m...	18.76	3.4	ng/ul	646944	4	17.86	3825980	20.0
4H-Cyclopenta[def...	18.91	4.4	ng/ul	837260	4	17.86	3825980	20.0
11H-Benzo[a]fluorene	20.69	4.5	ng/ul	3466450	5	21.94	15519500	20.0
Benzo[b]naphtho[2...	21.59	2.5	ng/ul	1948900	5	21.94	15519500	20.0
unknown-02	21.67	2.3	ng/ul	1802070	5	21.94	15519500	20.0
Cyclopenta(cd)pyr...	22.11	2.2	ng/ul	1736890	5	21.94	15519500	20.0
Benzo(b)carbazole	22.27	3.2	ng/ul	2455110	5	21.94	15519500	20.0
Benzo[e]pyrene	23.87	9.6	ng/ul	1809080	6	24.44	3788930	20.0