LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013425.D
Acq On : 15 Dec 2017 05:25
Operator : SJ/JU
Sample : I6776-18 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A47

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-BM113017.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	6.857	636	641	649	rBV2	92309	173586	1.25%	0.134%
2	7.210	696	701	708	rBV2	100049	157819	1.14%	0.122%
3	7.675	773	780	793	rVB	1014954	1633199	11.80%	1.265%
4	8.387	895	901	911	rVB3	104590	187830	1.36%	0.145%
5	8.834	971	977	985	rVB	91372	159074	1.15%	0.123%
6	10.086	1184	1190	1202	rBV	113067	214065	1.55%	0.166%
7	10.451	1243	1252	1258	rBV	1418037	2417869	17.46%	1.872%
8	10.504	1258	1261	1267	rVB	102027	151996	1.10%	0.118%
9	13.733	1805	1810	1814	rBV	218065	288754	2.09%	0.224%
10	14.010	1851	1857	1859	rBV	261534	408822	2.95%	0.317%
11	14.039	1859	1862	1871	rVB	442486	643229	4.65%	0.498%
12	14.321	1902	1910	1916	rBV2	1984556	3172318	22.91%	2.456%
13	14.380	1916	1920	1928	rVB	391306	574511	4.15%	0.445%
14	14.545	1940	1948	1954	rBV7	61593	153789	1.11%	0.119%
15	14.721	1972	1978	1983	rBV	211501	322869	2.33%	0.250%
16	14.868	1994	2003	2008	rBV4	106412	185343	1.34%	0.144%
17	15.180	2052	2056	2063	rVB2	105748	156528	1.13%	0.121%
18	15.315	2074	2079	2083	rBV	318286	459677	3.32%	0.356%
19	15.368	2084	2088	2093	rVV2	194541	278778	2.01%	0.216%
20	15.592	2119	2126	2135	rVB6	67974	178526	1.29%	0.138%
21	15.668	2135	2139	2147	rBV2	72878	146179	1.06%	0.113%
22	15.810	2157	2163	2171	rBV5	79845	176574	1.28%	0.137%
23	16.045	2198	2203	2211	rBV3	345466	601499	4.34%	0.466%
24	16.721	2312	2318	2327	rBV2	2470683	3534144	25.53%	2.736%
25	16.833	2334	2337	2341	rVV	280024	327060	2.36%	0.253%
26	16.886	2342	2346	2354	rVB	273404	445363	3.22%	0.345%
27	17.068	2371	2377	2381	rBV2	2396507	3542613	25.59%	2.743%
28	17.109	2381	2384	2390	rVV	2282164	3011151	21.75%	2.331%
29	17.168	2390	2394	2396	rVV2	355599	555376	4.01%	0.430%
30	17.198	2396	2399	2405	rVB	1226057	1678675	12.12%	1.300%
31	17.474	2443	2446	2454	rVB	305046	443705	3.20%	0.344%
32	17.574	2459	2463	2470	rVB2	378733	567915	4.10%	0.440%
33	17.986	2531	2533	2542	rVB	254085	409126	2.96%	0.317%
34	18.068	2544	2547	2552	rVB	196016	276025	1.99%	0.214%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013425.D
Acq On : 15 Dec 2017 05:25
Operator : SJ/JU
Sample : I6776-18 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A47

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-BM113017.M
Title : SVOA CALIBRATION

35	18.139	2554	2559	2563	rBV2	356957	683680	4.94%	0.529%
36	18.268	2577	2581	2588	rVB	341764	487409	3.52%	0.377%
37	18.339	2590	2593	2597	rVV2	132284	182757	1.32%	0.142%
38	18.492	2615	2619	2623	rBV3	247166	345565	2.50%	0.268%
39	18.903	2687	2689	2692	rVB	266279	251684	1.82%	0.195%
40	19.009	2703	2707	2712	rBV	577353	728173	5.26%	0.564%
41	19.133	2722	2728	2734	rVB	6394496	8394178	60.63%	6.499%
42	19.227	2742	2744	2748	rVB	186890	190634	1.38%	0.148%
43	19.498	2785	2790	2798	rVB	7615653	10876421	78.56%	8.421%
44	19.574	2799	2803	2808	rVB3	321789	517051	3.73%	0.400%
45	19.739	2826	2831	2836	rVB	839111	1189628	8.59%	0.921%
46	19.833	2840	2847	2851	rBV4	599839	1344099	9.71%	1.041%
47	19.968	2863	2870	2877	rBV4	798490	2252764	16.27%	1.744%
48	20.086	2888	2890	2894	rVB2	205942	218285	1.58%	0.169%
49	20.145	2894	2900	2904	rBV3	772335	1409465	10.18%	1.091%
50	20.186	2904	2907	2911	rVB	304321	391250	2.83%	0.303%
51	20.286	2920	2924	2928	rBV	841924	1199713	8.67%	0.929%
52	20.339	2929	2933	2936	rVB2	458432	672619	4.86%	0.521%
53	20.650	2984	2986	2990	rVB5	279430	301936	2.18%	0.234%
54	20.697	2991	2994	2997	rBV3	226517	283868	2.05%	0.220%
55	20.739	2998	3001	3008	rVB2	686754	1037803	7.50%	0.804%
56	20.903	3023	3029	3033	rBV3	592446	1138833	8.23%	0.882%
57	20.945	3033	3036	3039	rVV	860989	1084744	7.83%	0.840%
58	20.980	3039	3042	3048	rVV2	1417979	2295758	16.58%	1.778%
59	21.039	3049	3052	3062	rVB3	488904	844151	6.10%	0.654%
60	21.250	3079	3088	3094	rBV2	4585021	11768161	85.00%	9.112%
61	21.297	3094	3096	3103	rVB2	3105215	3801701	27.46%	2.944%
62	21.415	3113	3116	3122	rVB2	455474	831686	6.01%	0.644%
63	21.562	3137	3141	3147	rBV2	726505	1059597	7.65%	0.820%
64	21.621	3147	3151	3155	rBV2	389452	529815	3.83%	0.410%
65	21.756	3171	3174	3176	rBV	208096	263873	1.91%	0.204%
66	21.803	3180	3182	3186	rVV	712893	878330	6.34%	0.680%
67	21.856	3189	3191	3197	rVB2	540720	780655	5.64%	0.604%
68	21.927	3200	3203	3211	rVB3	333980	492344	3.56%	0.381%
69	22.003	3212	3216	3219	rBV2	480973	682490	4.93%	0.528%
70	22.103	3229	3233	3236	rVB2	304396	437052	3.16%	0.338%
71	22.280	3260	3263	3267	rBV	289647	425758	3.08%	0.330%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013425.D
Acq On : 15 Dec 2017 05:25
Operator : SJ/JU
Sample : I6776-18 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A47

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-BM113017.M
Title : SVOA CALIBRATION

72	22.827	3349	3356	3361	rBV2	6008579	13844851	100.00%	10.720%
73	22.986	3379	3383	3390	rBV	847868	1357845	9.81%	1.051%
74	23.121	3402	3406	3414	rBV3	332563	727113	5.25%	0.563%
75	23.297	3430	3436	3443	rVV	2932242	5271483	38.08%	4.082%
76	23.391	3446	3452	3458	rVB	3015162	5420943	39.15%	4.197%
77	23.486	3463	3468	3472	rVV	1211063	2319273	16.75%	1.796%
78	23.533	3472	3476	3484	rVB	1258321	2489883	17.98%	1.928%
79	25.032	3727	3731	3737	rVB5	280329	542319	3.92%	0.420%
80	25.191	3752	3758	3766	rVB4	460171	1108232	8.00%	0.858%
81	25.480	3803	3807	3815	rVB3	345089	750510	5.42%	0.581%
82	25.715	3838	3847	3859	rVB3	1486979	4829812	34.89%	3.740%
83	26.397	3955	3963	3973	rVB	895934	2581271	18.64%	1.999%

Sum of corrected areas: 129151452

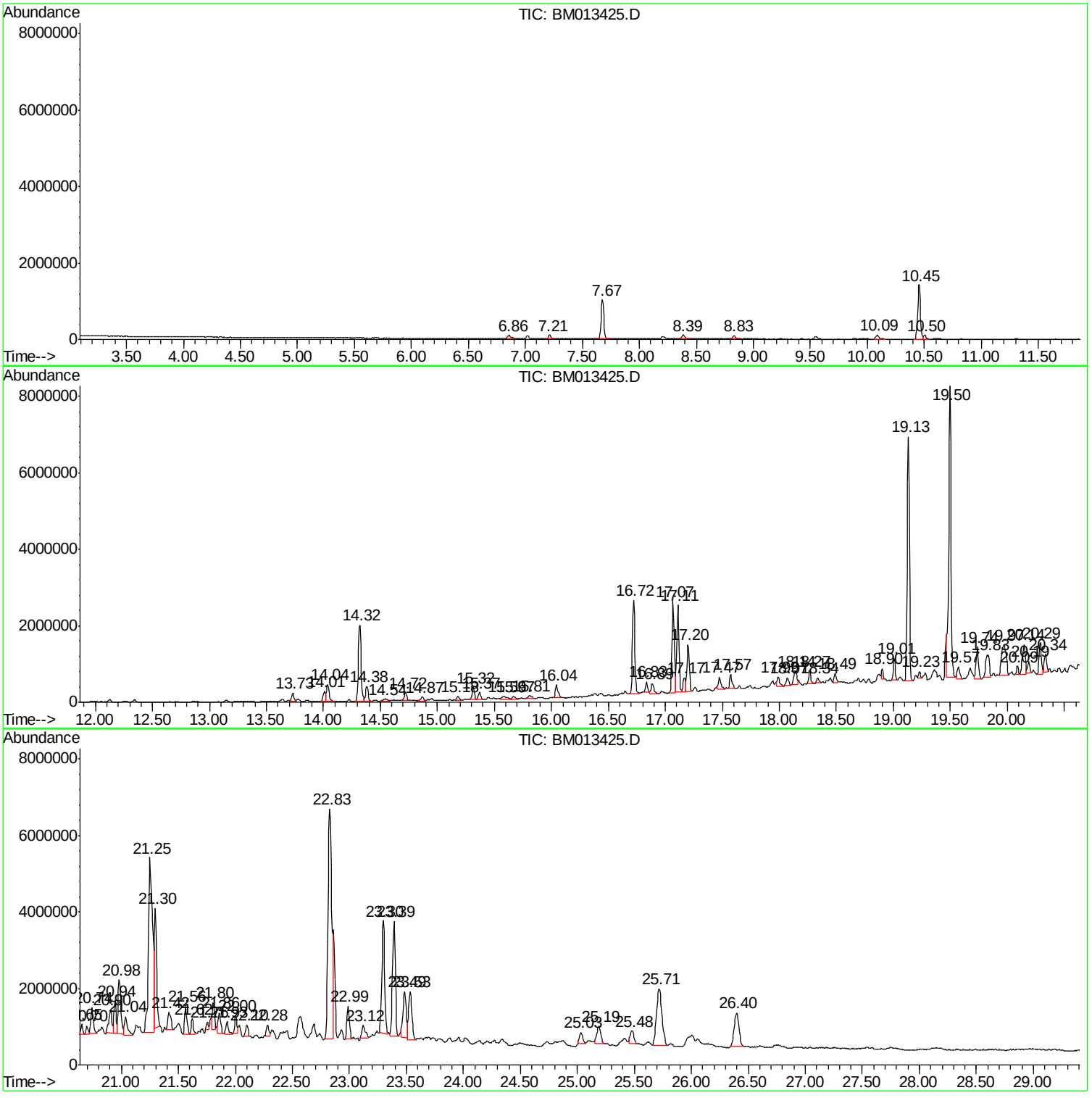
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013425.D
Acq On : 15 Dec 2017 05:25
Operator : SJ/JU
Sample : I6776-18 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A47

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013425.D
Acq On : 15 Dec 2017 05:25
Operator : SJ/JU
Sample : I6776-18 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A47

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

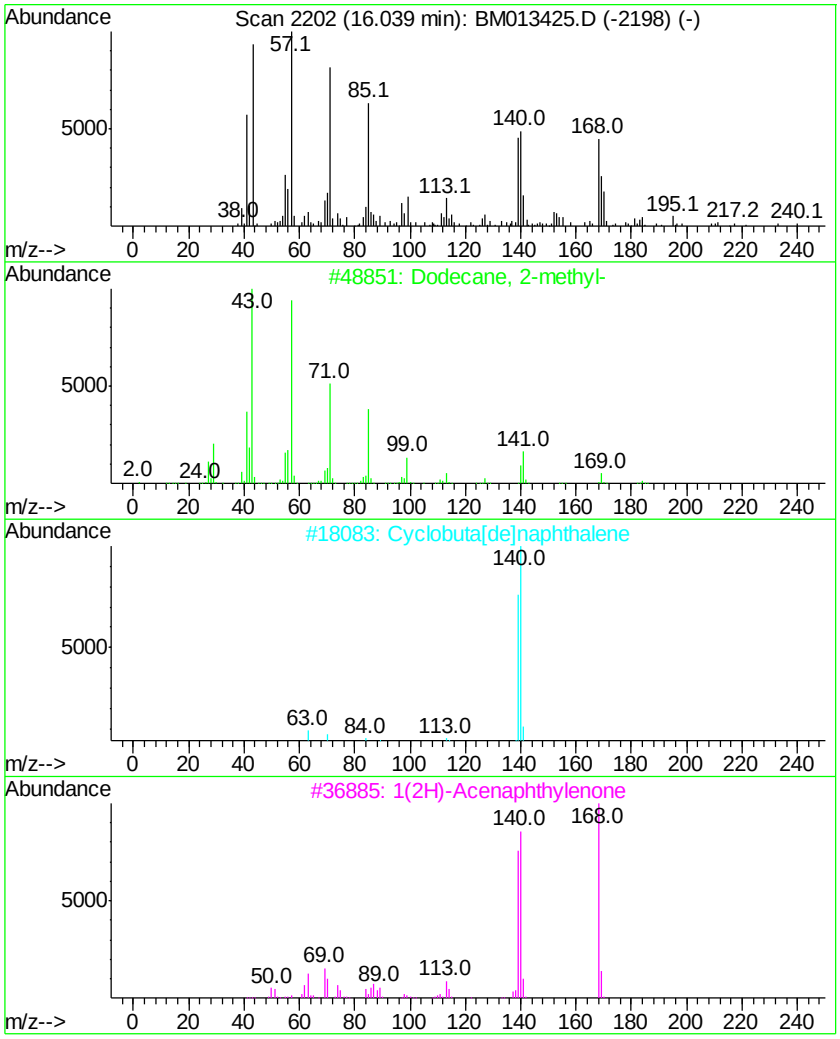
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

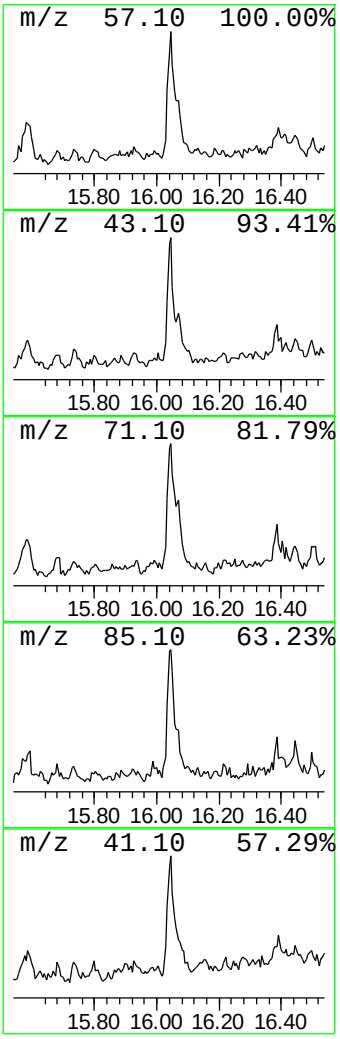
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	3.40 ng/ul	601499	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	41
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	38
3	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	38
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	35
5	Benzenaldehyde, 2-fluoro-5-hydroxy-	140	C7H5FO2	103438-84-2	30





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013425.D
Acq On : 15 Dec 2017 05:25
Operator : SJ/JU
Sample : I6776-18 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A47

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

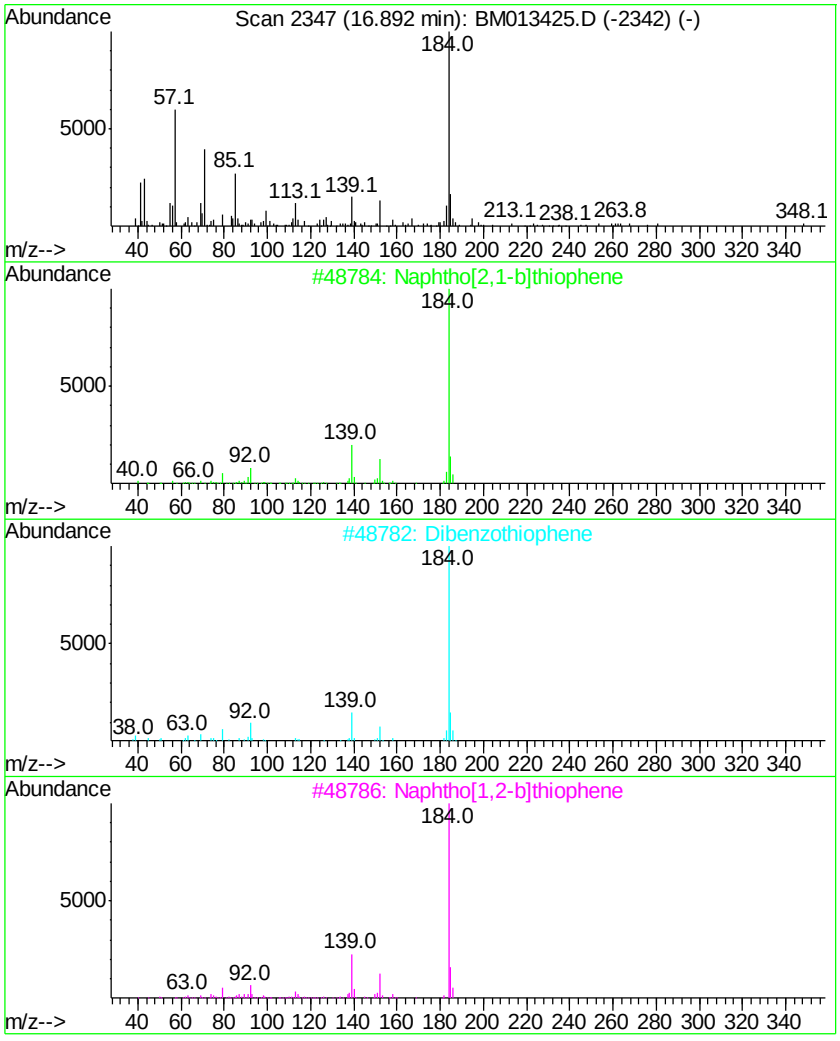
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

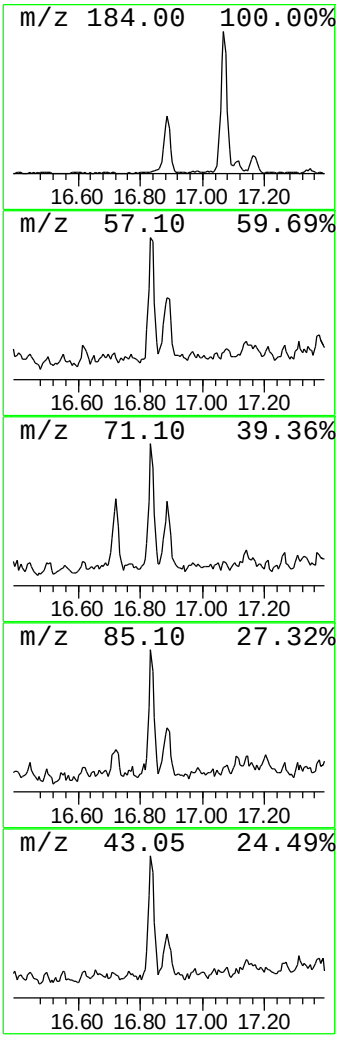
****

Peak Number 2 Naphtho[2,1-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	2.51 ng/ul	445363	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	60
2	Dibenzothiophene	184	C12H8S	000132-65-0	60
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	55
4	Dibenzothiophene	184	C12H8S	000132-65-0	55
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	55





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013425.D
Acq On : 15 Dec 2017 05:25
Operator : SJ/JU
Sample : I6776-18 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A47

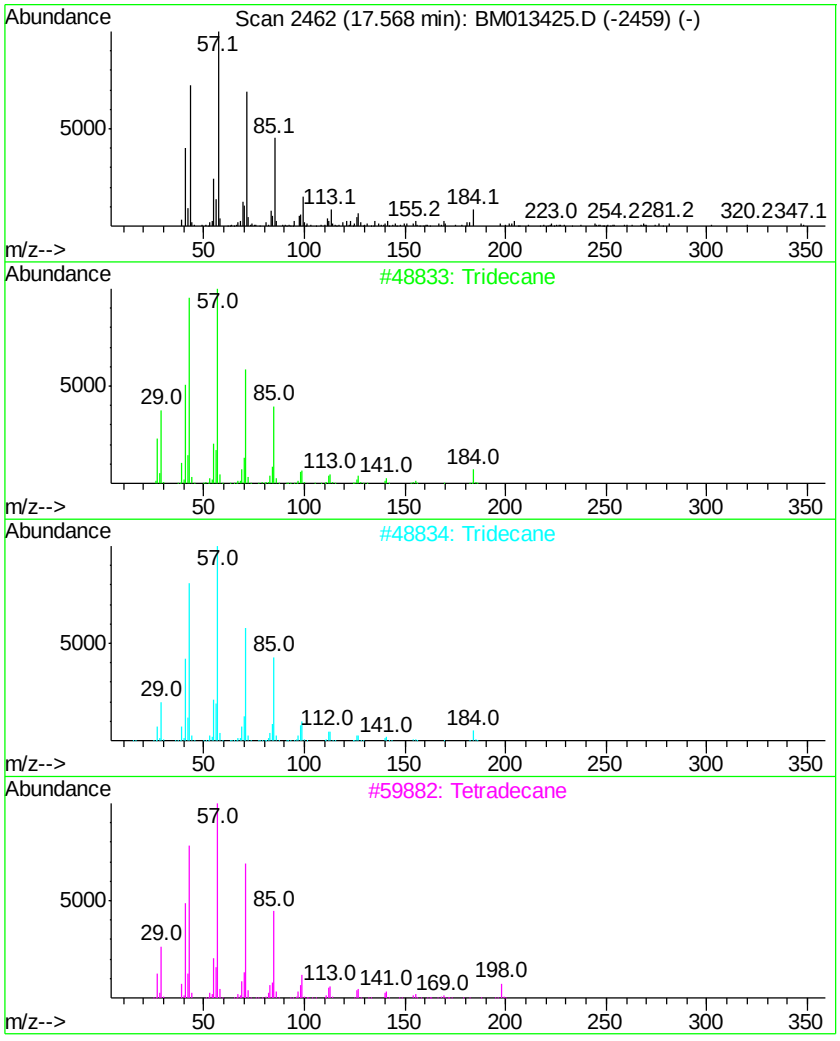
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

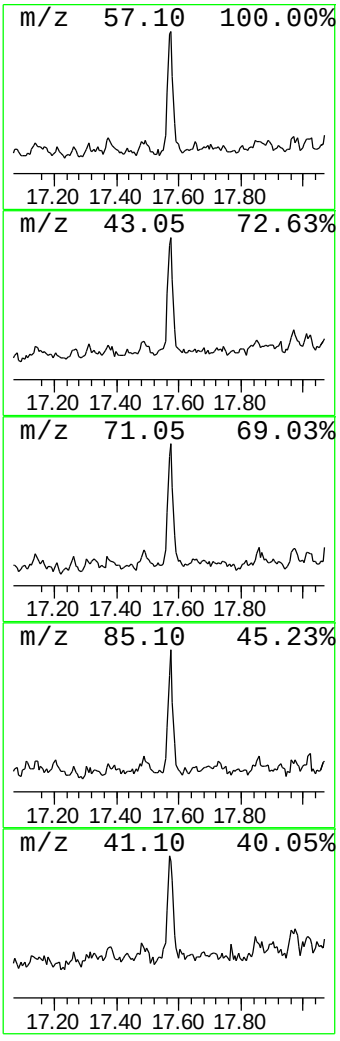
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	3.21 ng/ul	567915	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Tridecane	184	C13H28	000629-50-5	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	86
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013425.D
Acq On : 15 Dec 2017 05:25
Operator : SJ/JU
Sample : I6776-18 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A47

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

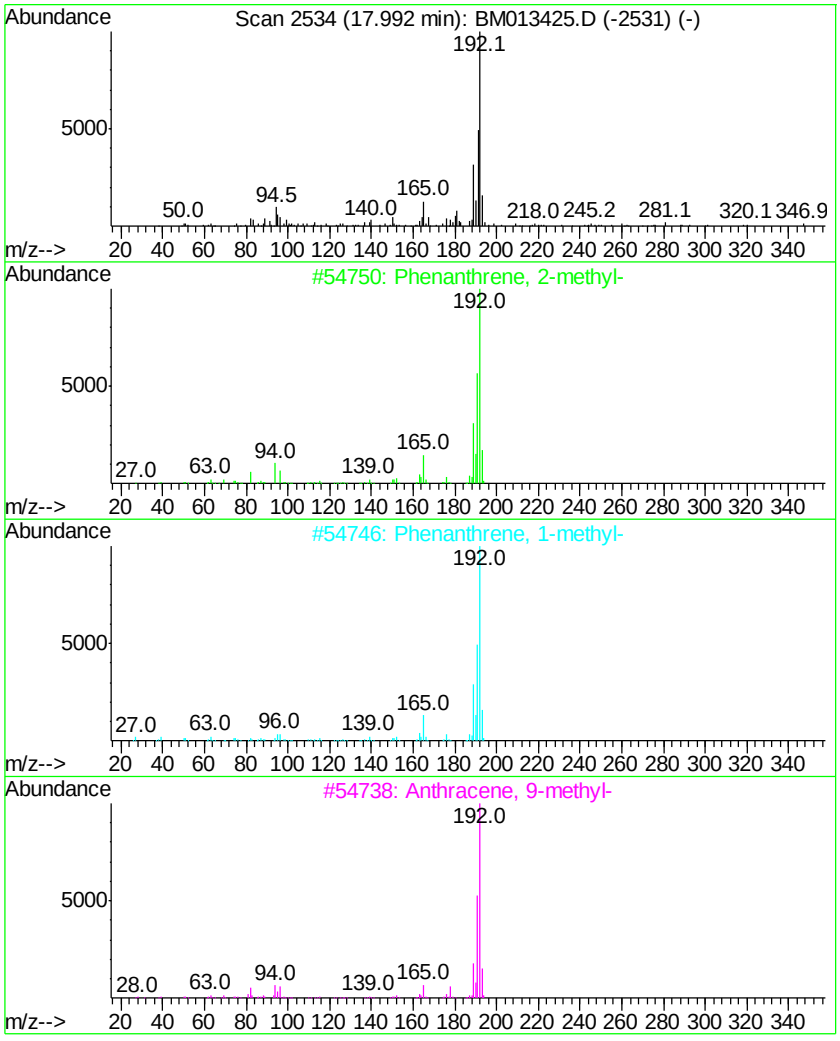
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

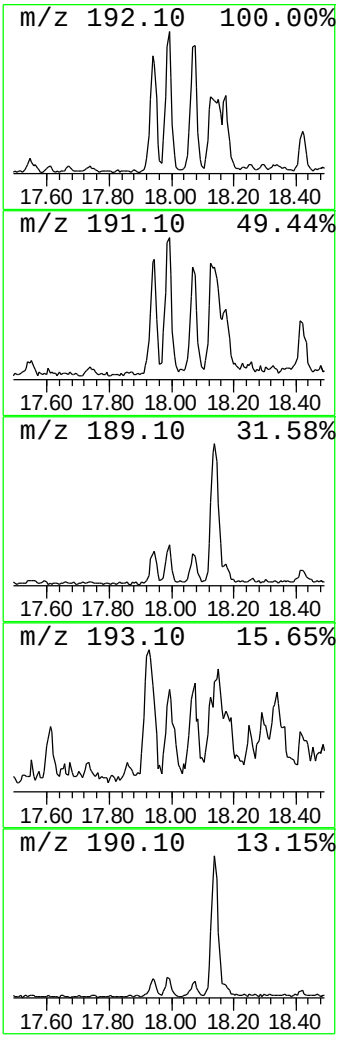
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.31 ng/ul	409126	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013425.D
Acq On : 15 Dec 2017 05:25
Operator : SJ/JU
Sample : I6776-18 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A47

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

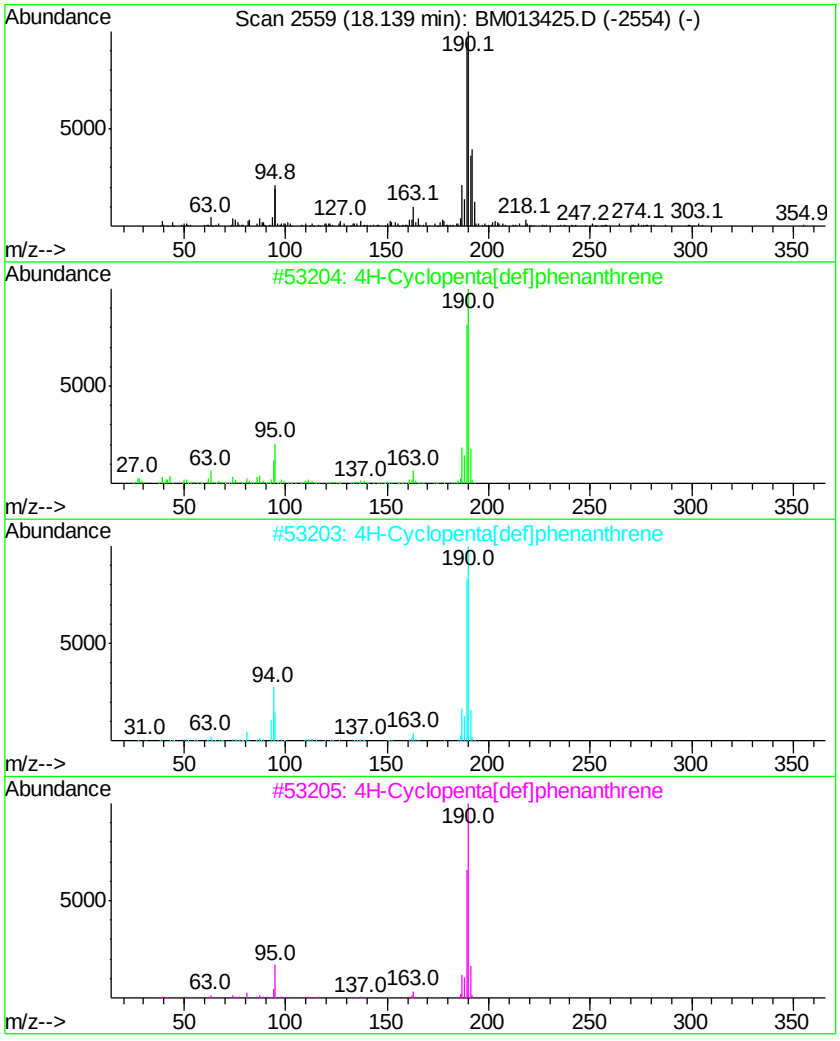
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

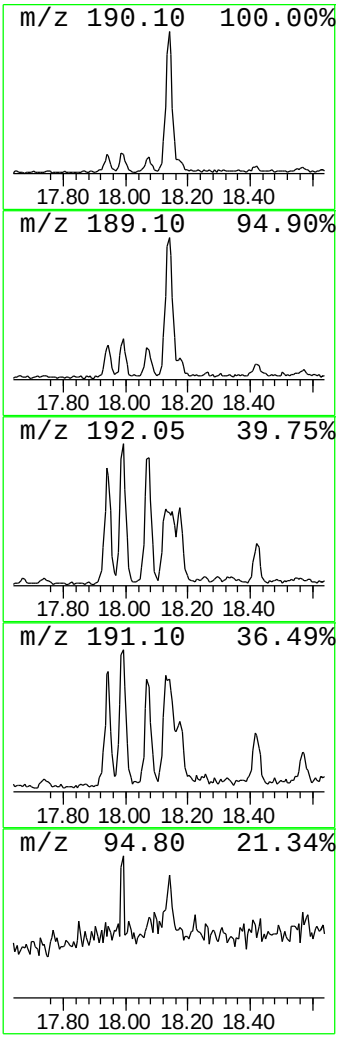
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	3.86 ng/ul	683680	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	38





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013425.D
Acq On : 15 Dec 2017 05:25
Operator : SJ/JU
Sample : I6776-18 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A47

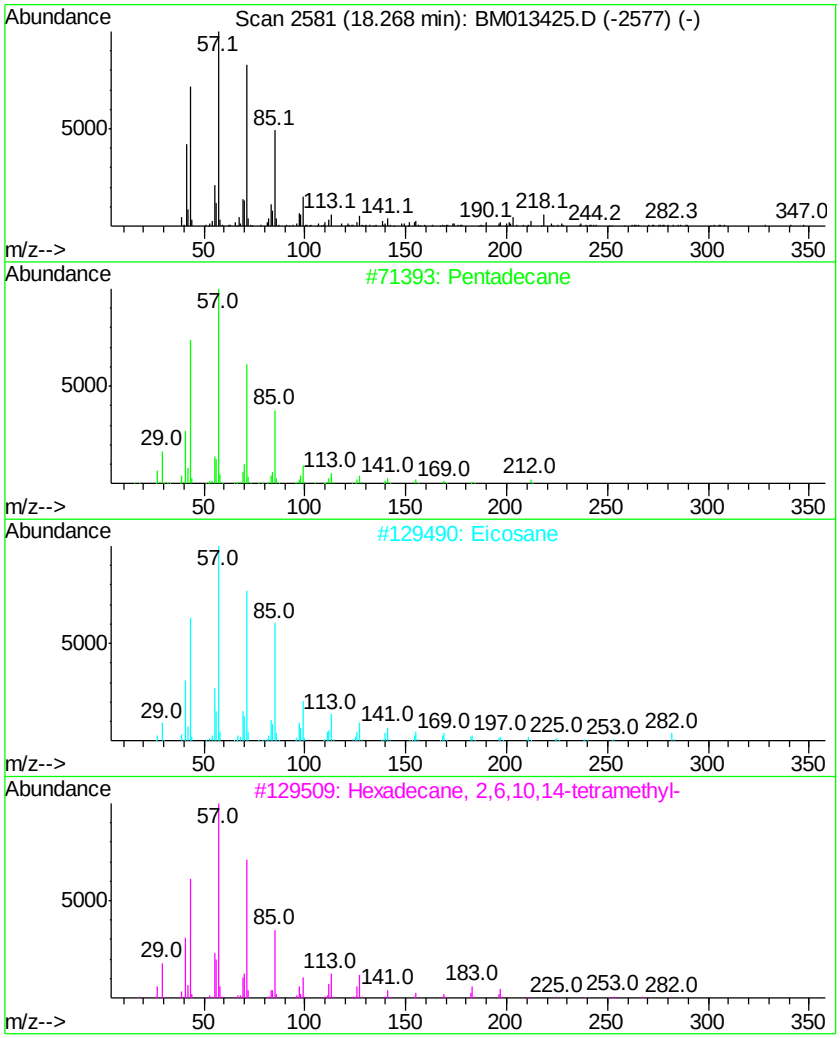
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

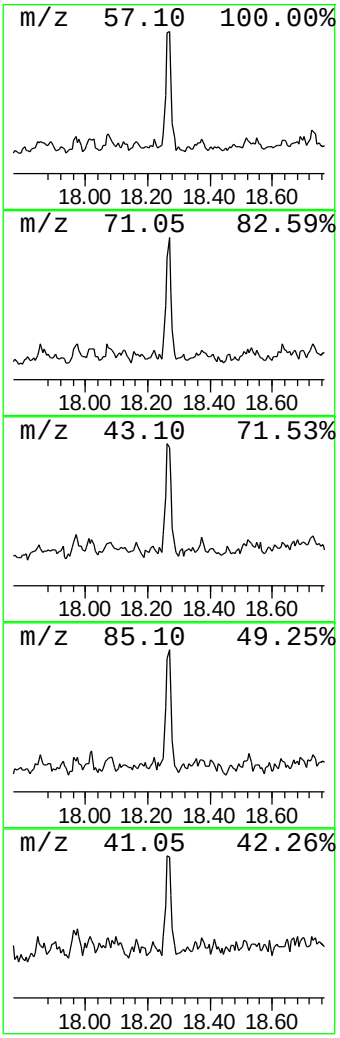
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	2.75 ng/ul	487409	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Eicosane	282	C20H42	000112-95-8	93
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
4	Heneicosane	296	C21H44	000629-94-7	83
5	Octacosane	394	C28H58	000630-02-4	83





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Misc :
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Instrument : BNA_M
ClientSampleId : F9A47

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Quant Title : SVOA CALIBRATION

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

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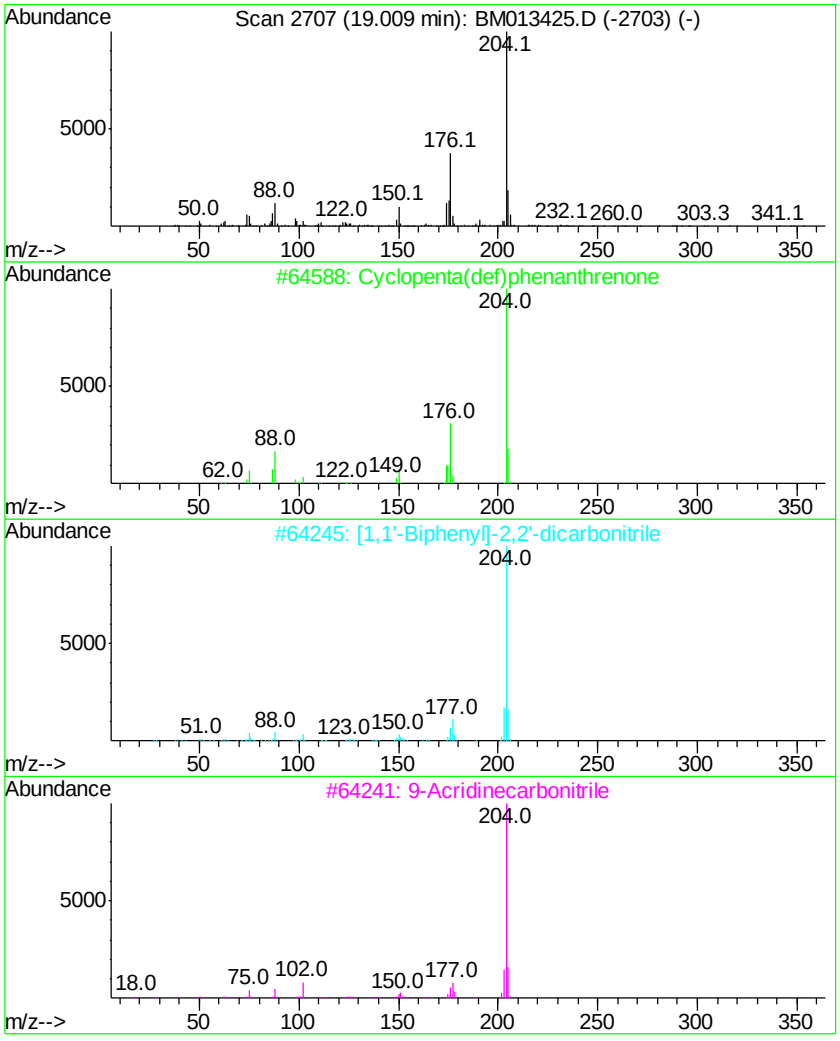
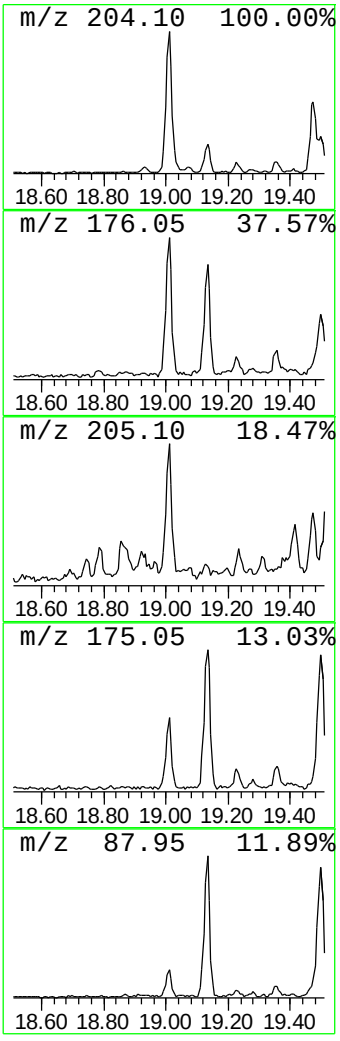
Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	4.11 ng/ul	728173	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
4	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	47





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Quant Title : SVOA CALIBRATION

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

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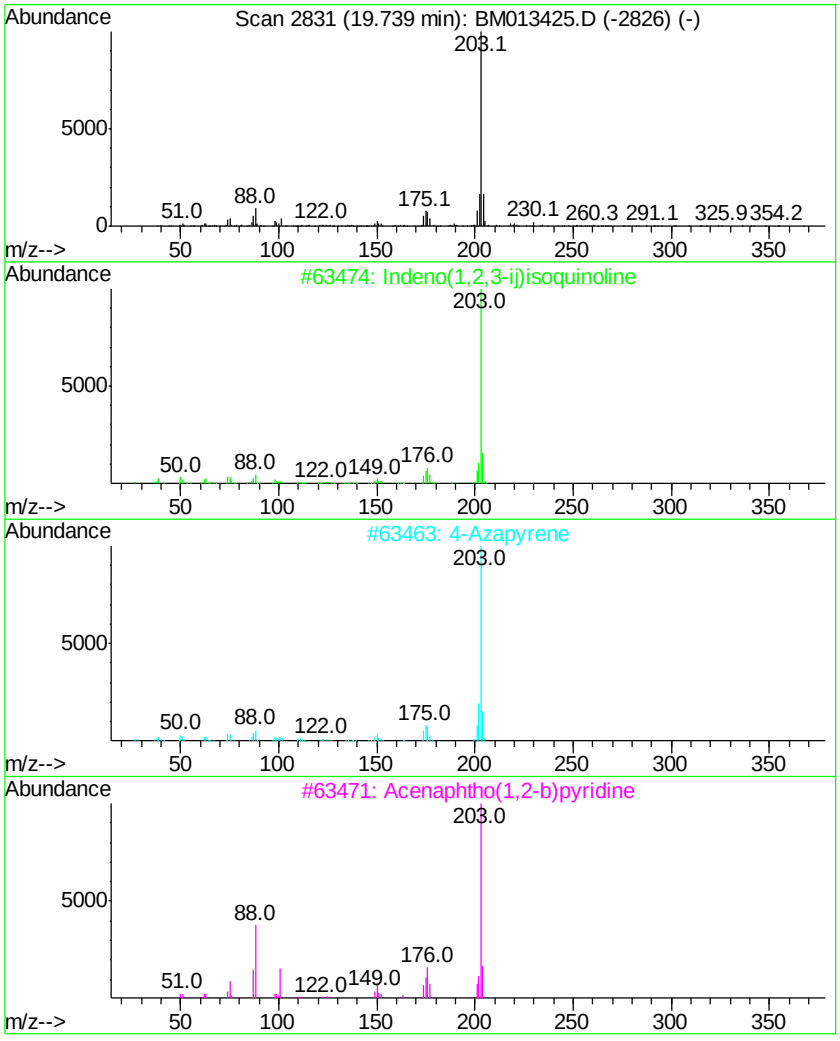
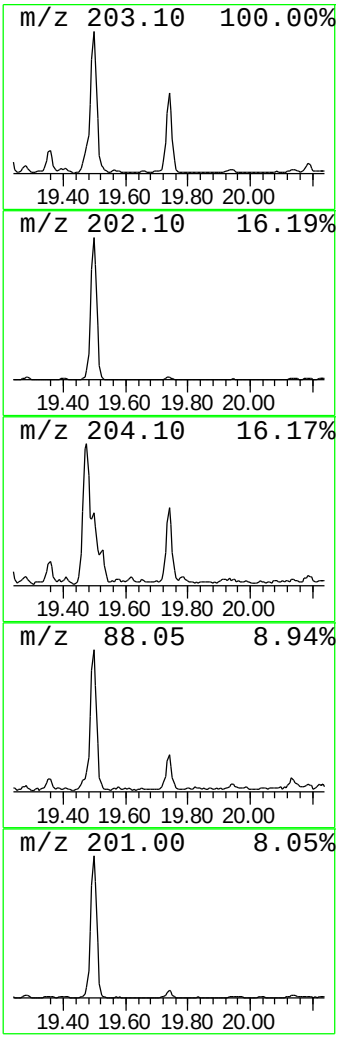
Peak Number 8 Indeno(1,2,3-ij)isoquinoline Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.02 ng/ul	1189630	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	95
2	4-Azapyrene	203	C15H9N	000194-03-6	95
3	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	95
4	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	95
5	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	93





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Quant Title : SVOA CALIBRATION

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

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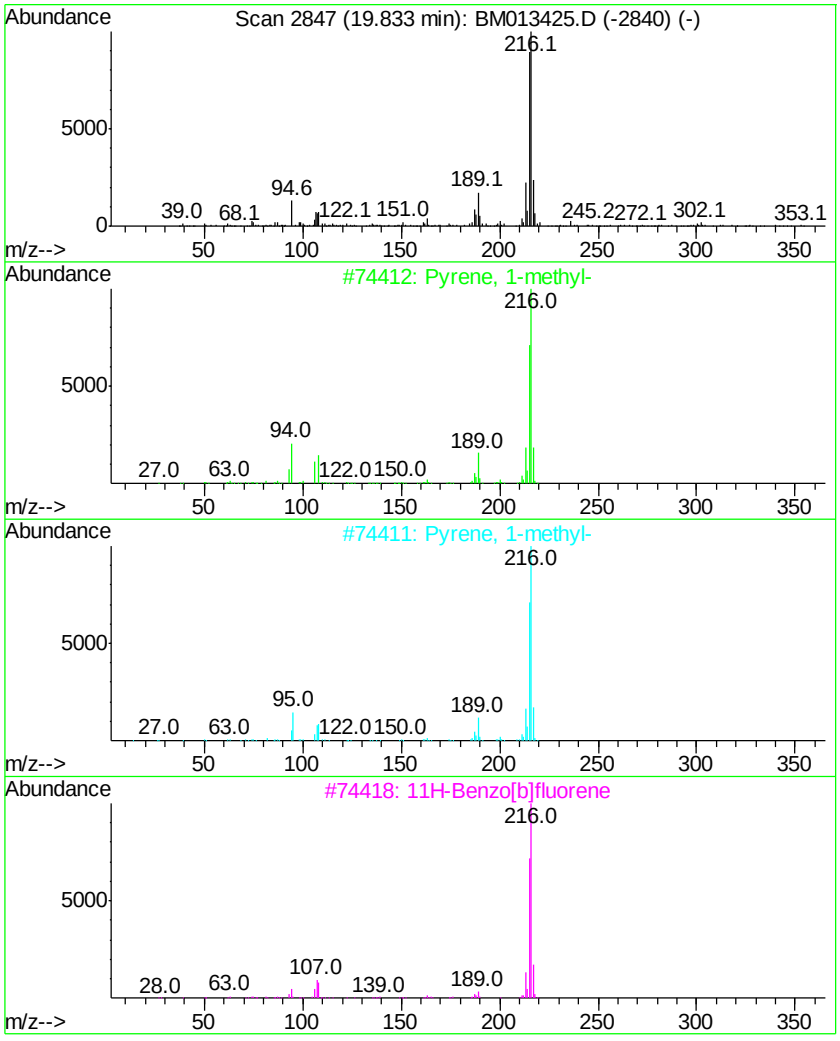
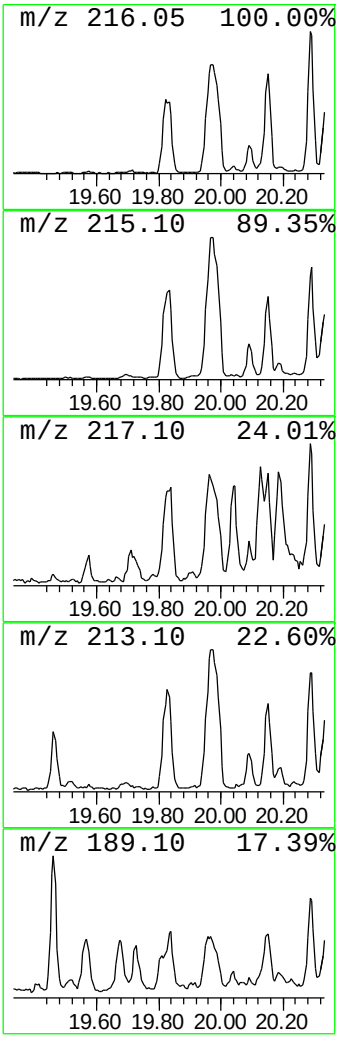
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	2.28 ng/ul	1344100	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





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Instrument : BNA_M
ClientSampleId : F9A47

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Quant Title : SVOA CALIBRATION

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

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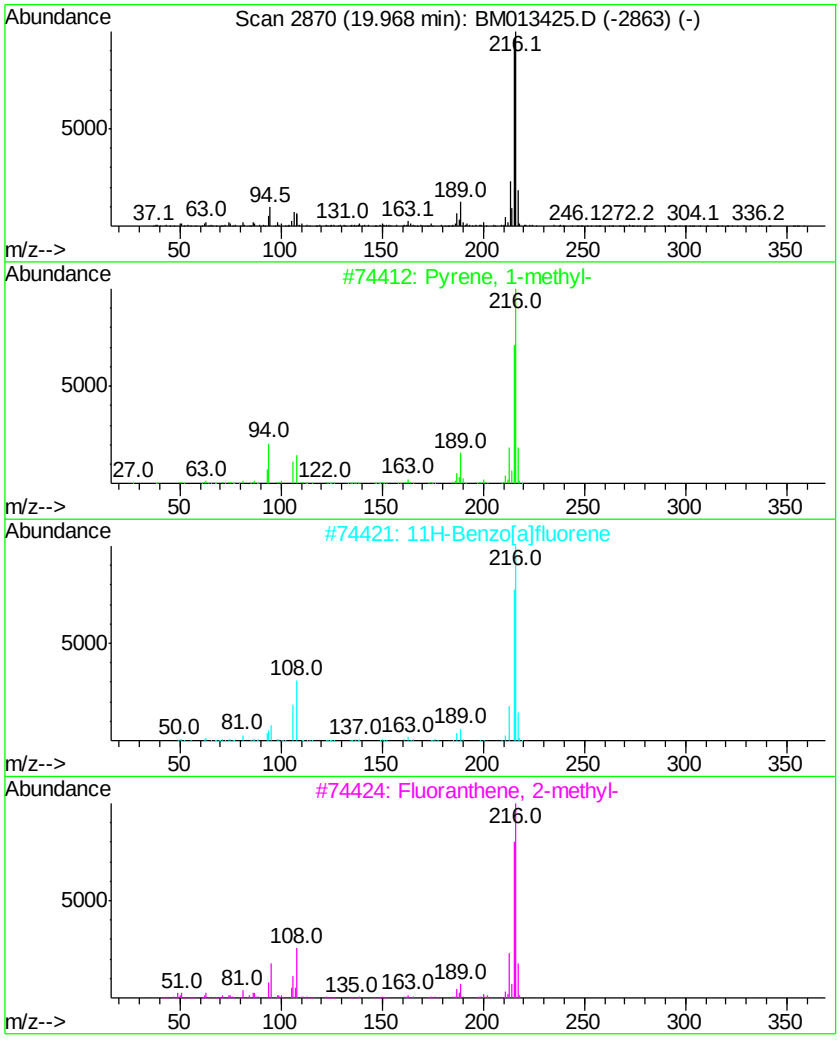
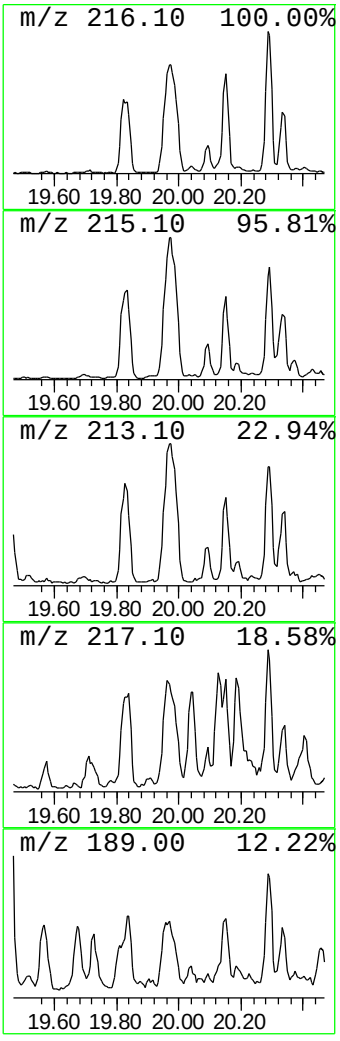
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	3.83 ng/ul	2252760	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89





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Quant Title : SVOA CALIBRATION

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

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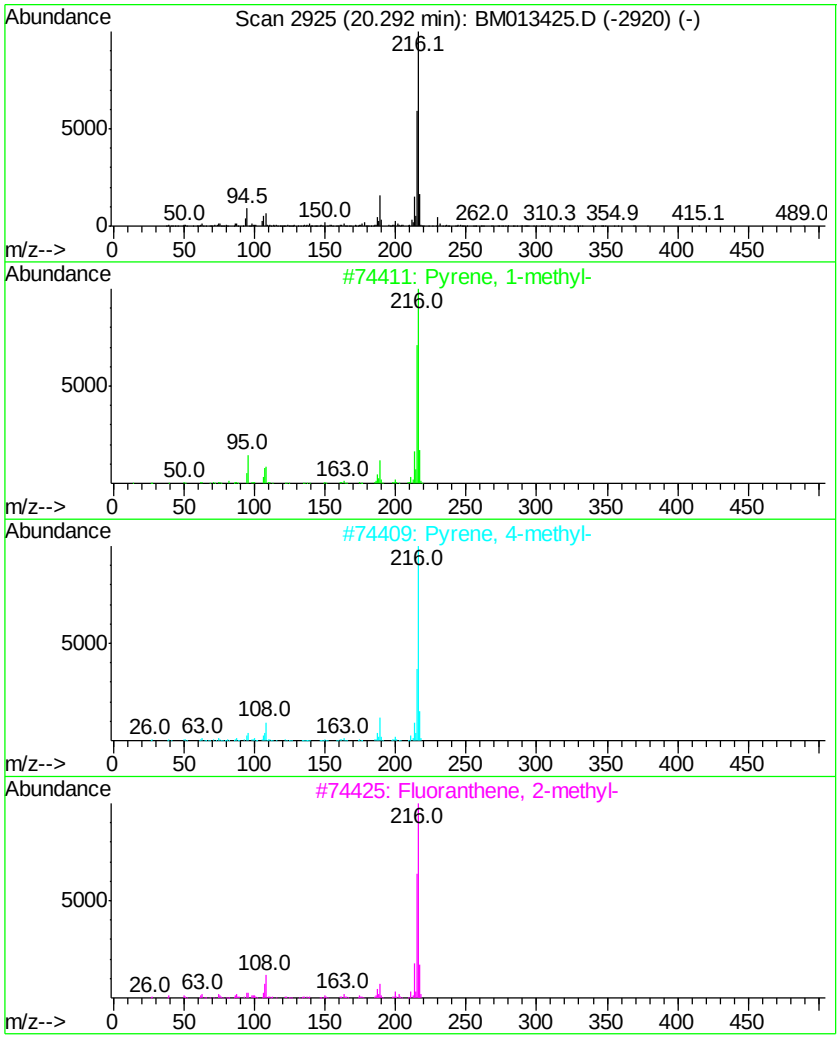
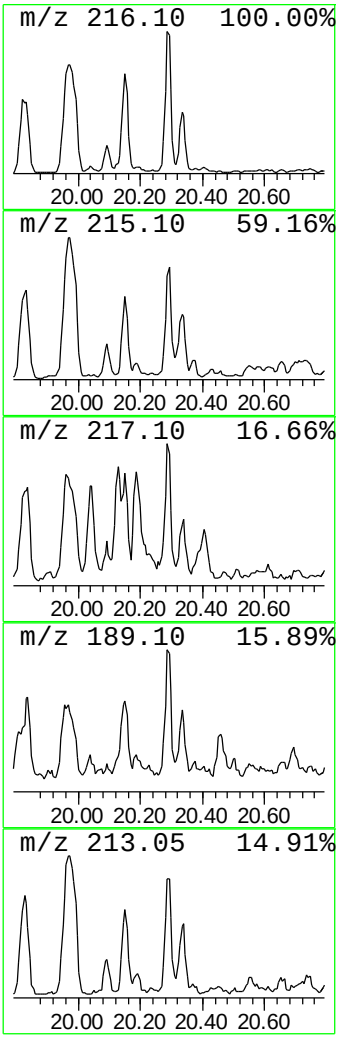
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	2.04 ng/ul	1199710	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





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Instrument : BNA_M
ClientSampleId : F9A47

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Quant Title : SVOA CALIBRATION

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

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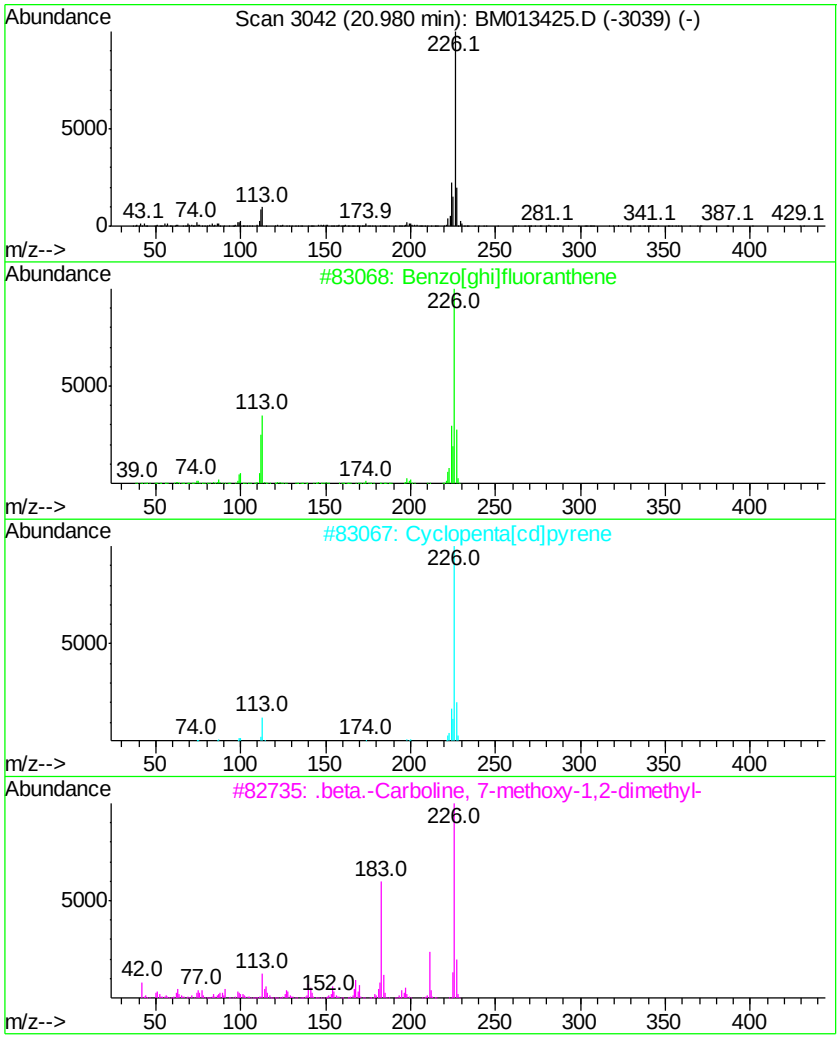
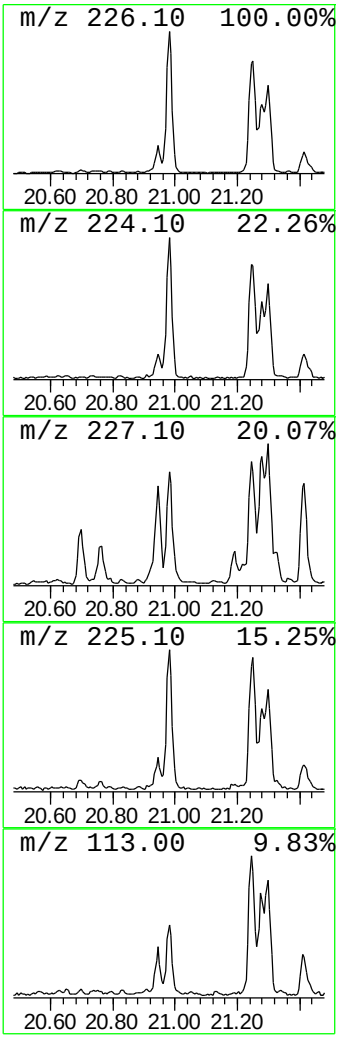
Peak Number 13 Benzo[ghi]fluoranthene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	3.90 ng/ul	2295760	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	83
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	64
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53
5	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	53





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

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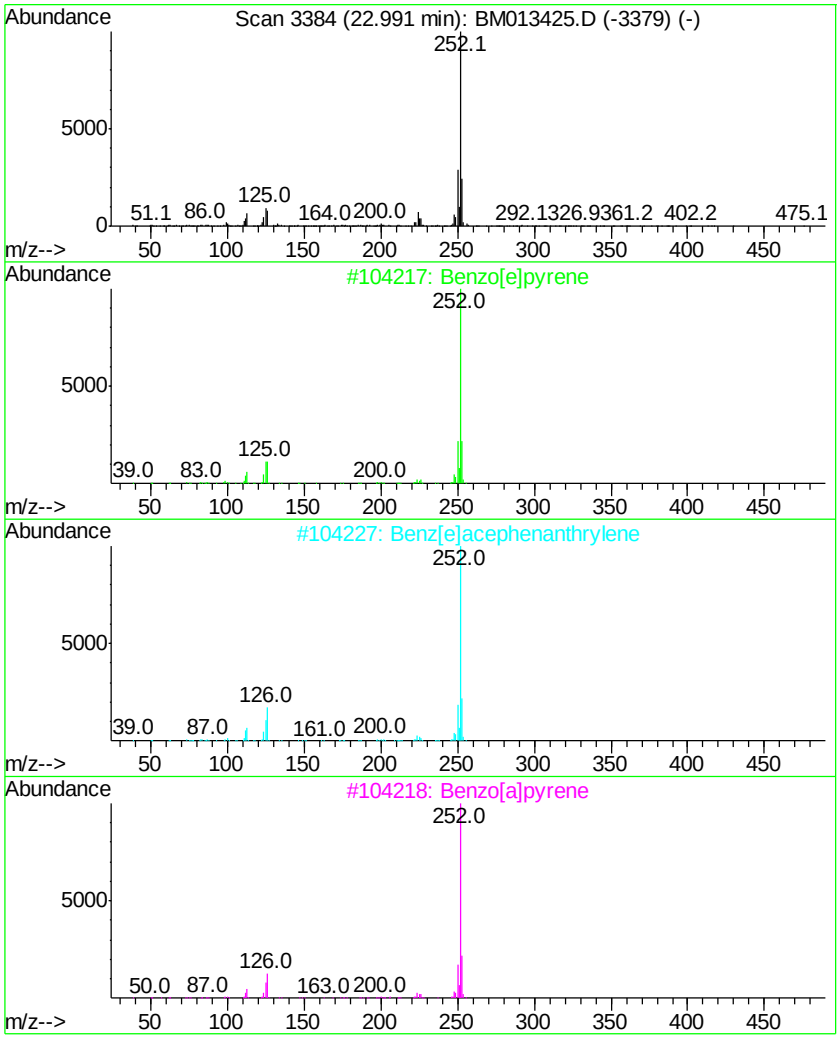
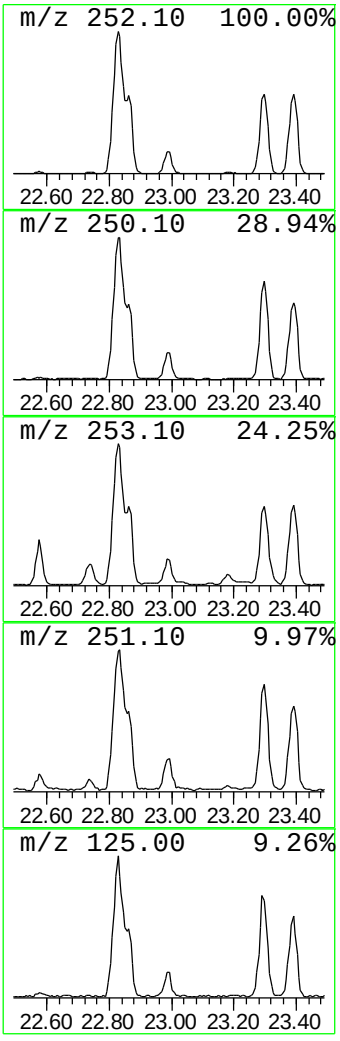
Peak Number 14 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	11.71 ng/ul	1357850	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5	Benzo[a]pyrene	252	C20H12	000050-32-8	74





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TIC Integration Parameters: LSCINT.P

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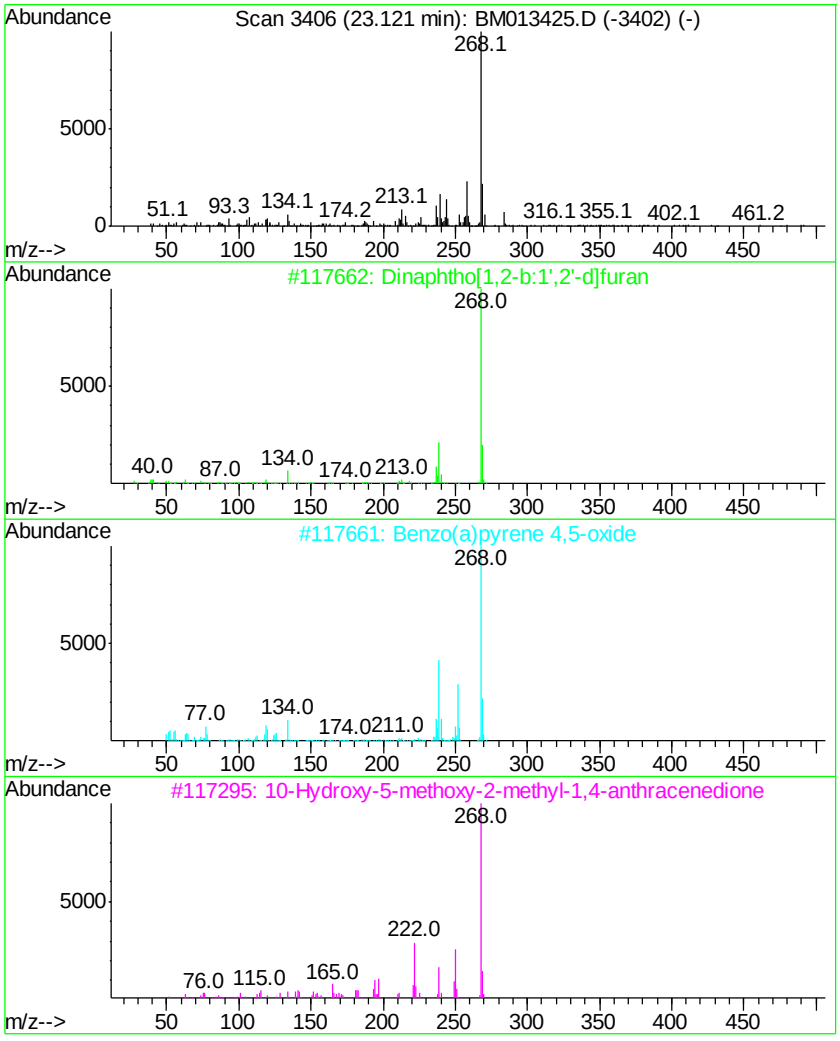
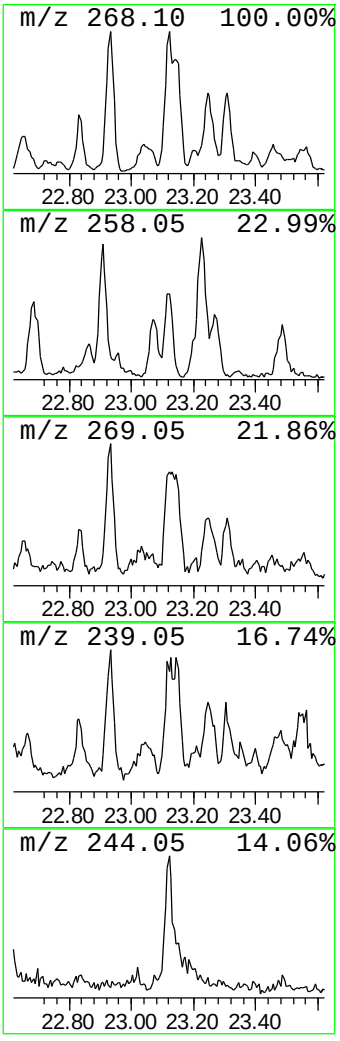
Peak Number 15 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	6.27 ng/ul	727113	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	93
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	58
3	10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	58
4	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	58
5	(5H,10H)Anthracene, 2,3,7,8-bis(...	268	C16H12O4	1000116-12-4	50





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TIC Integration Parameters: LSCINT.P

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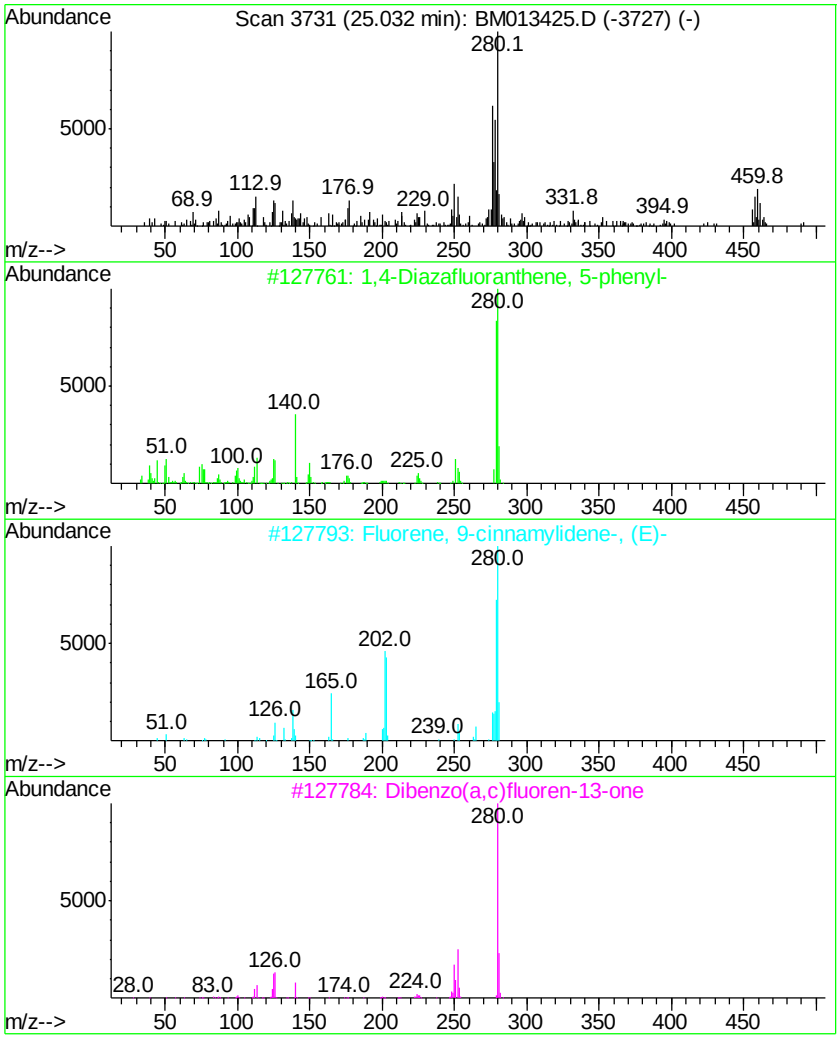
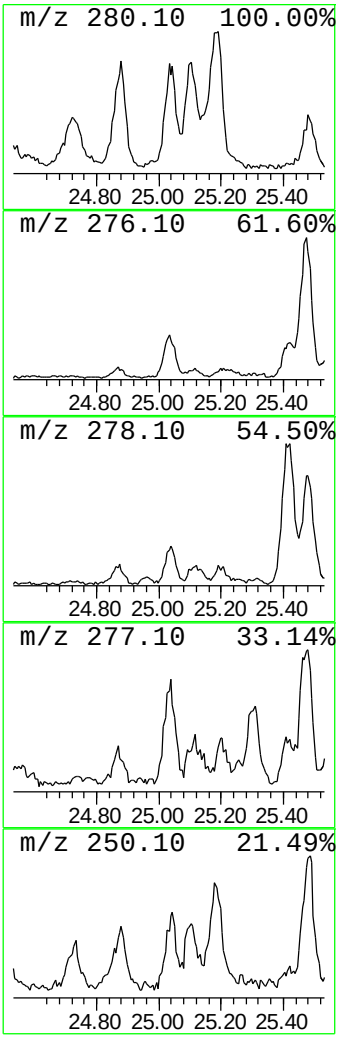
Peak Number 16 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.03	4.68 ng/ul	542319	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Diazafluoranthene, 5-phenyl-	280	C20H12N2	1000303-05-1	35
2	Fluorene, 9-cinnamylidene-, (E)-	280	C22H16	032174-26-8	30
3	Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	27
4	Naphthalene, 1,7-diphenyl-	280	C22H16	000970-06-9	25
5	3,4-Dihydroisoquinoline, 1-[3-me...	281	C18H19NO2	1000126-16-1	22





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TIC Library : C:\DATABASE\NIST11.L
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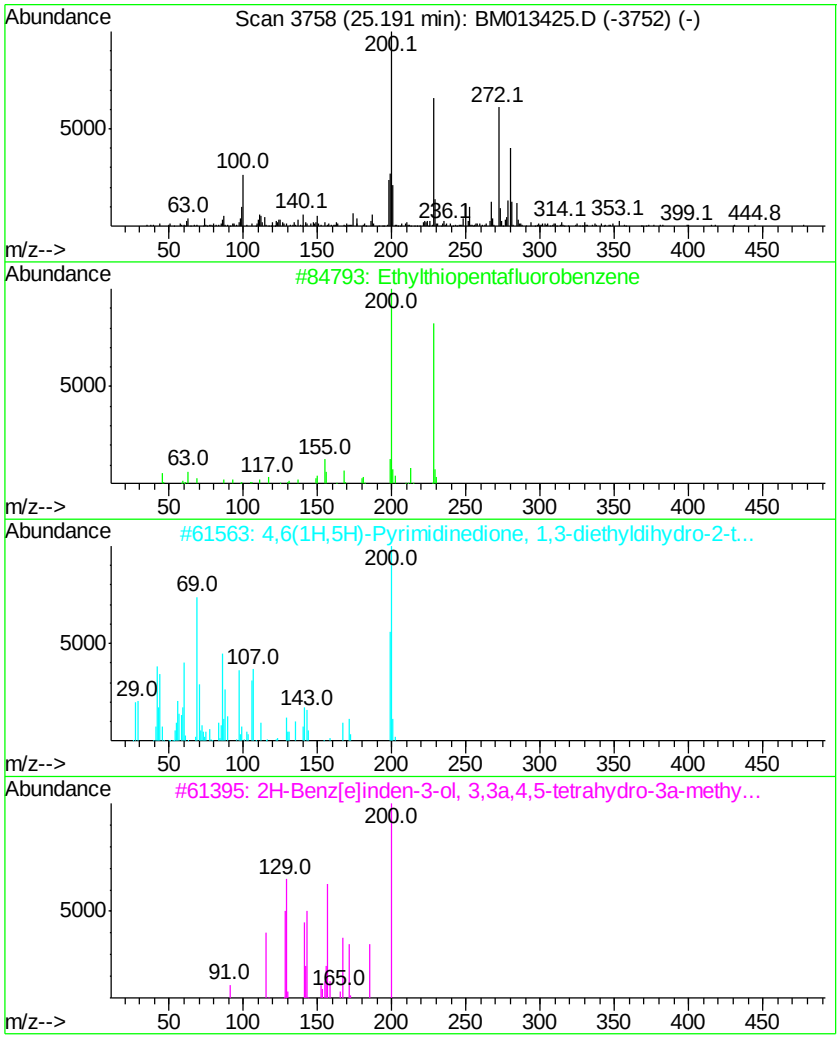
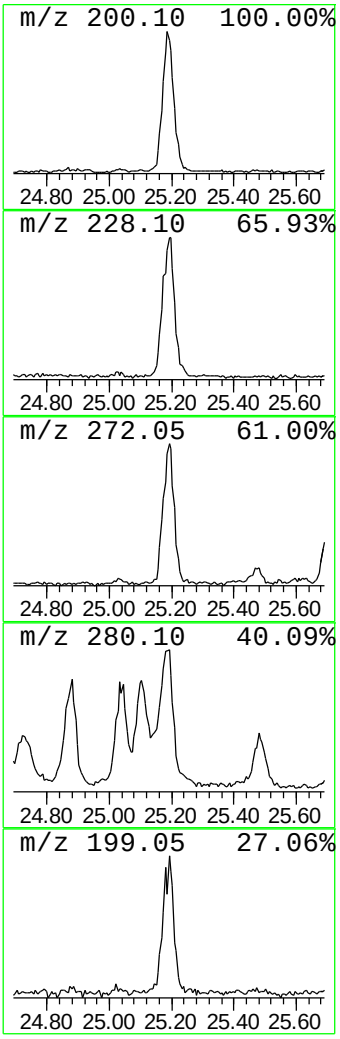
Peak Number 17 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.19	9.56 ng/ul	1108230	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylthiopentafluorobenzene	228	C8H5F5S	033288-21-0	35
2	4,6(1H,5H)-Pyrimidinedione, 1,3-...	200	C8H12N2O2S	005217-47-0	18
3	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	14
4	9,10-Anthracenedione, 1,2,5,8-te...	272	C14H8O6	000081-61-8	11
5	1,1'-Biphenyl, 2-formyl-4',5',6'...	272	C16H16O4	119101-08-5	11





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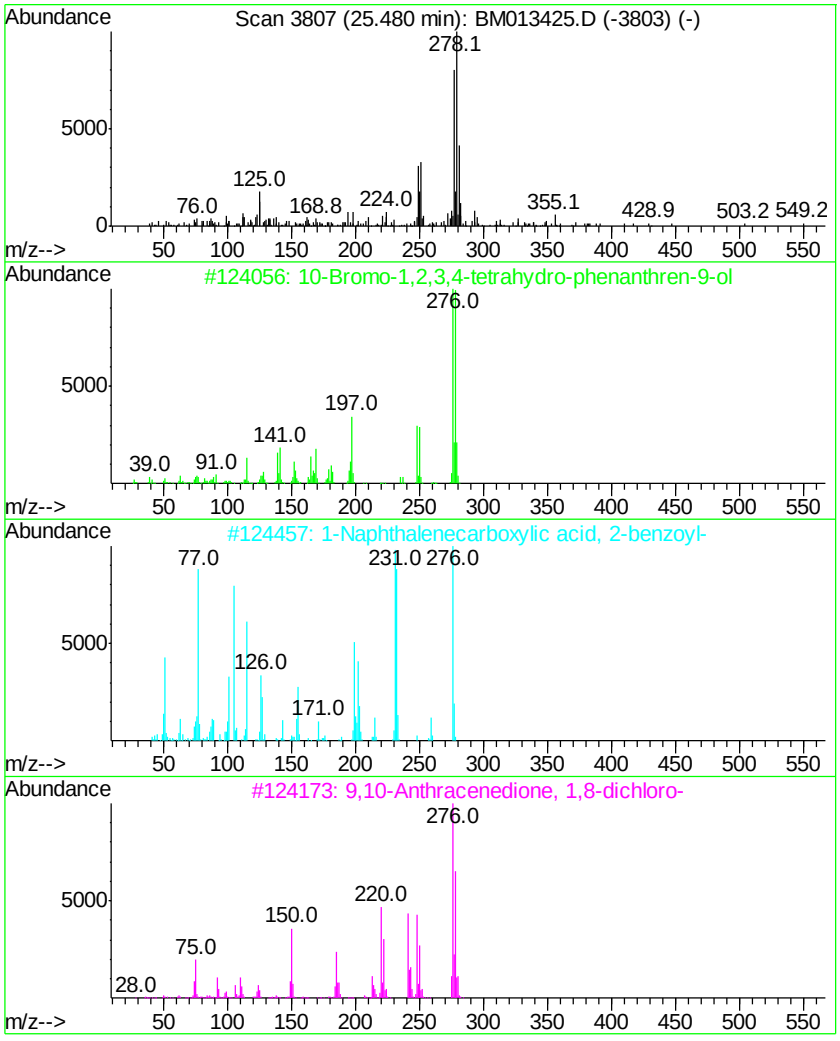
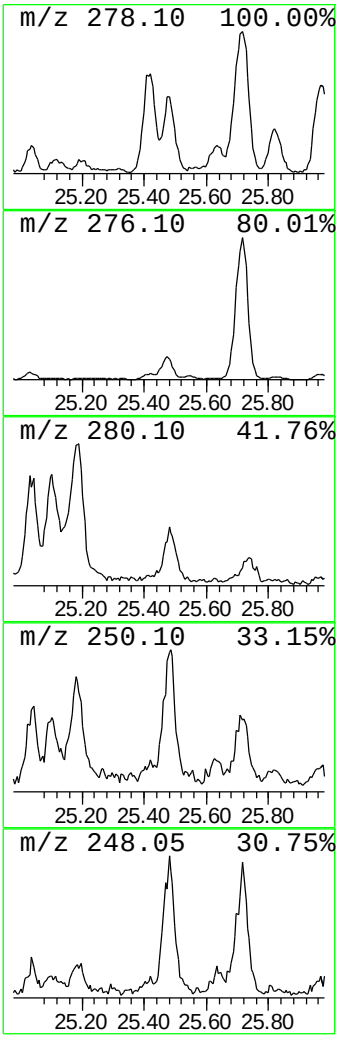
Peak Number 18 10-Bromo-1,2,3,4-tetrahydro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.48	6.47 ng/ul	750510	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Bromo-1,2,3,4-tetrahydro-phen...	276	C14H13BrO	1000190-54-9	72
2	1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	64
3	9,10-Anthracenedione, 1,8-dichloro-	276	C14H6Cl2O2	000082-43-9	49
4	Indeno[2,1-b]pyran, 2-(4-chlorop...	278	C18H11ClO	062096-34-8	38
5	5H-Thiazolo[3,2-a]pyrimidin-5-on...	276	C13H9ClN2OS	023429-91-6	37





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM121417\
Data File : BM013425.D
Acq On : 15 Dec 2017 05:25
Operator : SJ/JU
Sample : I6776-18 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A47

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	16.04	3.4	ng/ul	601499	4	17.07	3542610	20.0
Naphtho[2,1-b]thi...	16.89	2.5	ng/ul	445363	4	17.07	3542610	20.0
(DEL) Alkane: Str...	17.57	3.2	ng/ul	567915	4	17.07	3542610	20.0
Phenanthrene, 2-m...	17.99	2.3	ng/ul	409126	4	17.07	3542610	20.0
4H-Cyclopenta[def...	18.14	3.9	ng/ul	683680	4	17.07	3542610	20.0
(DEL) Alkane: Str...	18.27	2.8	ng/ul	487409	4	17.07	3542610	20.0
Cyclopenta(def)ph...	19.01	4.1	ng/ul	728173	4	17.07	3542610	20.0
Indeno(1,2,3-ij)i...	19.74	2.0	ng/ul	1189630	5	21.26	11768200	20.0
Pyrene, 1-methyl-	19.83	2.3	ng/ul	1344100	5	21.26	11768200	20.0
11H-Benzo[a]fluorene	19.97	3.8	ng/ul	2252760	5	21.26	11768200	20.0
Fluoranthene, 2-m...	20.29	2.0	ng/ul	1199710	5	21.26	11768200	20.0
Benzo[ghi]fluoran...	20.98	3.9	ng/ul	2295760	5	21.26	11768200	20.0
Benzo[e]pyrene	22.99	11.7	ng/ul	1357850	6	23.49	2319270	20.0
Dinaphtho[1,2-b:1...	23.12	6.3	ng/ul	727113	6	23.49	2319270	20.0
unknown-01	25.03	4.7	ng/ul	542319	6	23.49	2319270	20.0
unknown-02	25.19	9.6	ng/ul	1108230	6	23.49	2319270	20.0
10-Bromo-1,2,3,4-...	25.48	6.5	ng/ul	750510	6	23.49	2319270	20.0