LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013381.D
Acq On : 13 Dec 2017 19:35
Operator : SJ/JU
Sample : I6758-12ME 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B13ME

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	6.863	635	642	649	rBV	231577	396861	3.62%	0.418%
2	7.028	664	670	677	rBV	169308	279273	2.55%	0.294%
3	7.216	694	702	711	rBV	243918	398877	3.64%	0.421%
4	7.681	774	781	788	rBV	496054	804784	7.34%	0.849%
5	8.216	865	872	879	rBV2	120388	222014	2.03%	0.234%
6	8.387	895	901	910	rBV	305488	515080	4.70%	0.543%
7	8.834	971	977	989	rVB	250501	444034	4.05%	0.468%
8	9.551	1093	1099	1106	rBV2	197577	332216	3.03%	0.350%
9	10.086	1183	1190	1197	rBV	335147	559090	5.10%	0.589%
10	10.463	1246	1254	1260	rBV	706530	1215644	11.09%	1.282%
11	10.604	1270	1278	1288	rBV	229084	421805	3.85%	0.445%
12	13.739	1804	1811	1815	rBV	690984	948360	8.65%	1.000%
13	13.780	1815	1818	1827	rVB2	151041	233893	2.13%	0.247%
14	14.016	1847	1858	1860	rBV	728839	1121762	10.23%	1.183%
15	14.045	1860	1863	1874	rVB	871664	1276417	11.64%	1.346%
16	14.327	1904	1911	1919	rBV2	1090009	1806403	16.48%	1.905%
17	14.545	1940	1948	1957	rBV3	214322	436944	3.99%	0.461%
18	15.157	2045	2052	2055	rBV	201123	265531	2.42%	0.280%
19	15.186	2055	2057	2063	rVB3	76736	112448	1.03%	0.119%
20	15.321	2074	2080	2085	rBV	1048175	1439445	13.13%	1.518%
21	15.445	2096	2101	2107	rBV	218335	321533	2.93%	0.339%
22	15.592	2120	2126	2134	rVB5	81550	192605	1.76%	0.203%
23	16.051	2198	2204	2213	rBV3	334114	746027	6.80%	0.787%
24	16.727	2314	2319	2326	rBV3	224246	397952	3.63%	0.420%
25	16.839	2332	2338	2342	rBV4	116363	175501	1.60%	0.185%
26	16.892	2344	2347	2354	rVB2	115795	173741	1.58%	0.183%
27	17.074	2372	2378	2383	rBV	1720523	2538754	23.16%	2.677%
28	17.115	2383	2385	2388	rVV	124996	142647	1.30%	0.150%
29	17.168	2388	2394	2397	rVV	1123452	1717302	15.66%	1.811%
30	17.204	2397	2400	2407	rVV	1436630	2055410	18.75%	2.167%
31	17.262	2407	2410	2415	rVB	111130	167813	1.53%	0.177%
32	17.480	2443	2447	2452	rVB	174098	241468	2.20%	0.255%
33	17.580	2460	2464	2468	rBV2	112788	141281	1.29%	0.149%
34	17.745	2489	2492	2500	rVB2	206600	329541	3.01%	0.347%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013381.D
Acq On : 13 Dec 2017 19:35
Operator : SJ/JU
Sample : I6758-12ME 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B13ME

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	18.074	2544	2548	2552	rBV	270425	374417	3.42%	0.395%
36	18.151	2557	2561	2571	rVB2	228217	416074	3.80%	0.439%
37	18.274	2579	2582	2585	rVB	109403	120203	1.10%	0.127%
38	18.345	2590	2594	2597	rBV2	147684	211213	1.93%	0.223%
39	18.492	2616	2619	2623	rBV2	216963	287128	2.62%	0.303%
40	19.009	2703	2707	2713	rVB	858616	1203207	10.97%	1.269%
41	19.133	2723	2728	2733	rBV	1335297	1713744	15.63%	1.807%
42	19.233	2742	2745	2749	rBV	228401	267008	2.44%	0.282%
43	19.286	2750	2754	2759	rVB2	306134	442835	4.04%	0.467%
44	19.356	2764	2766	2772	rVB2	191334	276310	2.52%	0.291%
45	19.468	2780	2785	2788	rBV3	1764807	2664451	24.30%	2.809%
46	19.498	2788	2790	2794	rVB	1198544	1361405	12.42%	1.435%
47	19.745	2827	2832	2837	rVB	1351841	1756713	16.02%	1.852%
48	19.827	2841	2846	2853	rBV6	374686	900504	8.21%	0.949%
49	20.092	2889	2891	2895	rVB	251186	298874	2.73%	0.315%
50	20.151	2897	2901	2905	rVB3	316929	597097	5.45%	0.630%
51	20.298	2922	2926	2929	rBV	474516	718138	6.55%	0.757%
52	20.509	2959	2962	2966	rBV	548775	701132	6.40%	0.739%
53	20.627	2979	2982	2985	rVB	437291	435080	3.97%	0.459%
54	20.745	2999	3002	3008	rBV3	513188	929372	8.48%	0.980%
55	20.915	3028	3031	3034	rVB	373924	415608	3.79%	0.438%
56	20.986	3039	3043	3049	rVB	1313623	1722548	15.71%	1.816%
57	21.262	3080	3090	3095	rBV3	3521084	8890205	81.09%	9.374%
58	21.303	3095	3097	3103	rVB	2091909	2431761	22.18%	2.564%
59	21.421	3113	3117	3123	rBV	867580	1204781	10.99%	1.270%
60	21.568	3139	3142	3148	rVB	741819	1065407	9.72%	1.123%
61	21.627	3149	3152	3155	rVB2	360881	464796	4.24%	0.490%
62	21.933	3200	3204	3208	rBV3	690327	949713	8.66%	1.001%
63	22.009	3214	3217	3220	rVB	335304	399919	3.65%	0.422%
64	22.292	3262	3265	3268	rBV	284306	443648	4.05%	0.468%
65	22.580	3308	3314	3324	rVB3	541206	1542135	14.07%	1.626%
66	22.833	3350	3357	3362	rBV	4893047	10963509	100.00%	11.560%
67	22.997	3380	3385	3391	rBV	989681	1588509	14.49%	1.675%
68	23.309	3432	3438	3443	rBV	2267184	4120193	37.58%	4.344%
69	23.356	3443	3446	3449	rVV2	1013278	1630396	14.87%	1.719%
70	23.403	3449	3454	3460	rVB	2819741	4816834	43.94%	5.079%
71	23.491	3464	3469	3474	rVV	1549207	3041239	27.74%	3.207%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013381.D
Acq On : 13 Dec 2017 19:35
Operator : SJ/JU
Sample : I6758-12ME 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B13ME

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	23.544	3474	3478	3486	rVB2	1128309	2262999	20.64%	2.386%
73	25.485	3806	3808	3818	rVB5	341397	693292	6.32%	0.731%
74	25.733	3841	3850	3864	rVB2	1498661	5832245	53.20%	6.149%
75	26.415	3958	3966	3975	rBV2	754332	2115950	19.30%	2.231%

Sum of corrected areas: 94843048

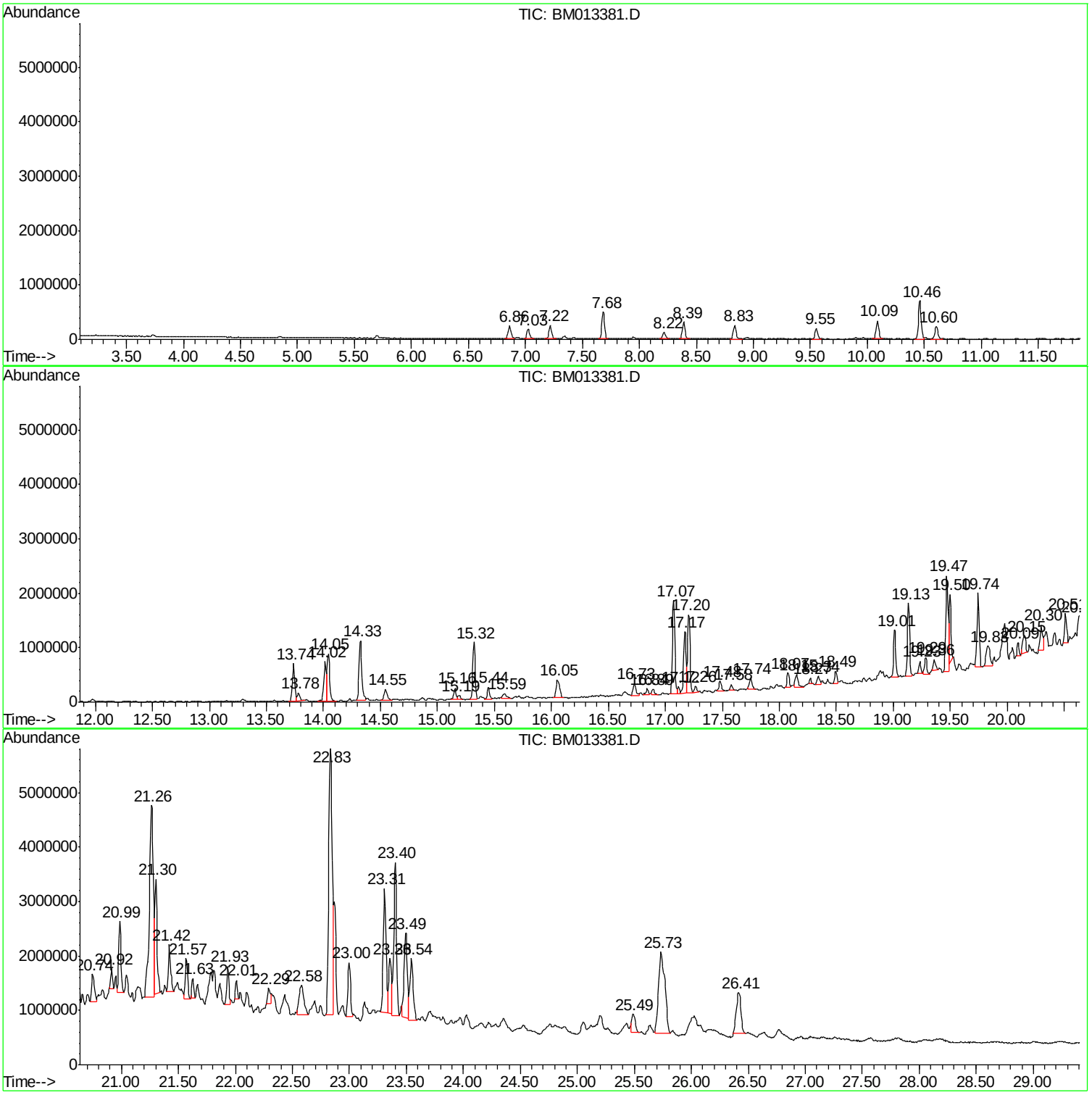
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013381.D
Acq On : 13 Dec 2017 19:35
Operator : SJ/JU
Sample : I6758-12ME 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9B13ME

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013381.D
Acq On : 13 Dec 2017 19:35
Operator : SJ/JU
Sample : I6758-12ME 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B13ME

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

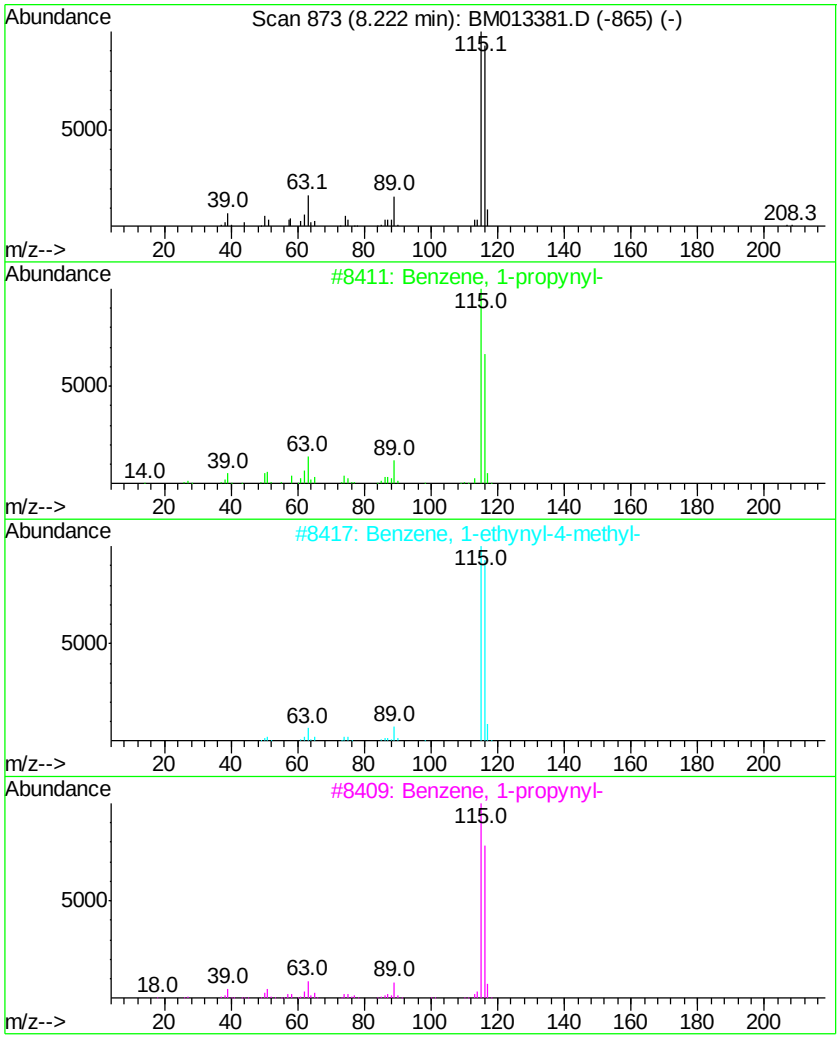
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

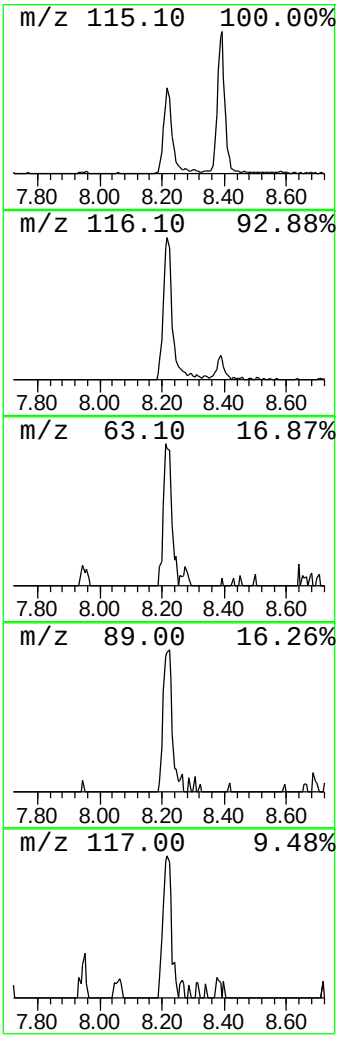
****

Peak Number 1 Benzene, 1-propynyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	5.52 ng/ul	222014	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Indene	116	C9H8	000095-13-6	90
5	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	87





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013381.D
Acq On : 13 Dec 2017 19:35
Operator : SJ/JU
Sample : I6758-12ME 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B13ME

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

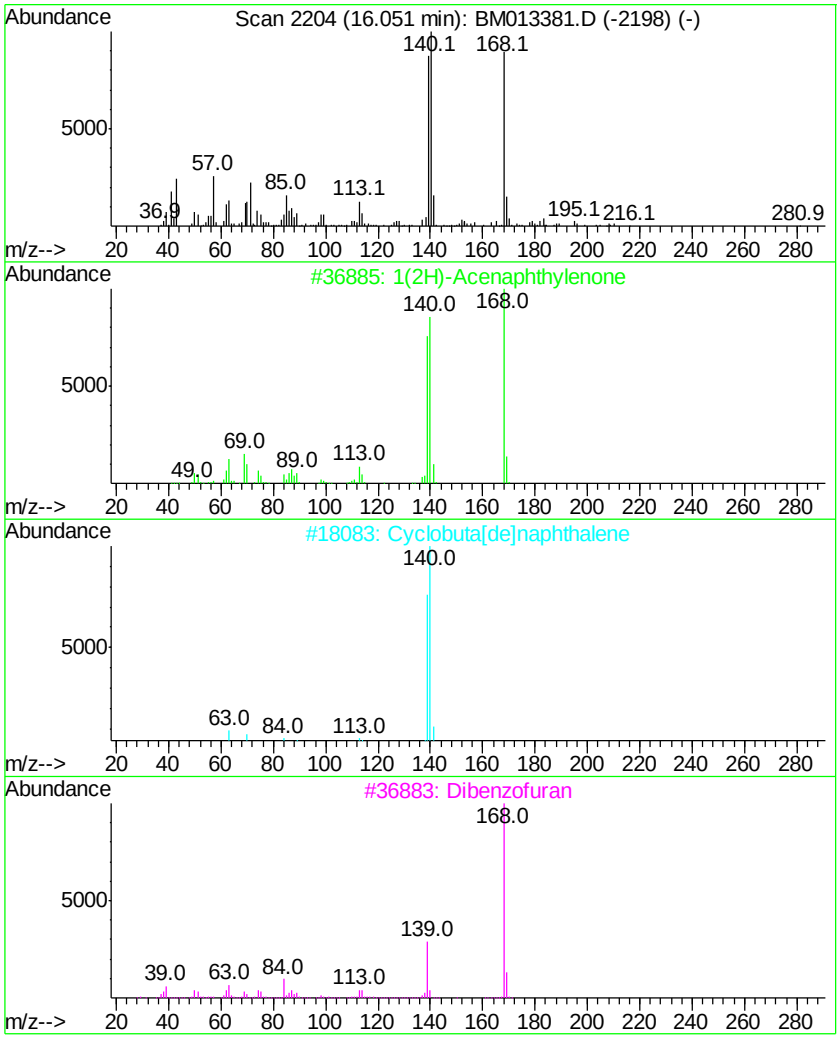
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

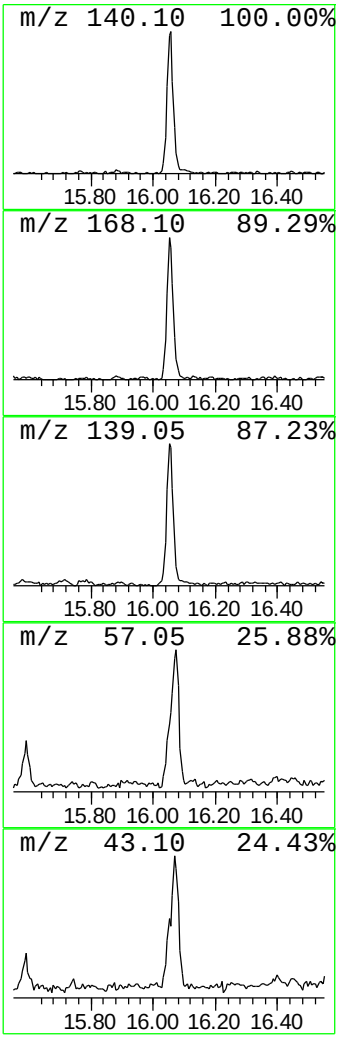
****

Peak Number 3 1(2H)-Acenaphthylenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	5.88 ng/ul	746027	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	96
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	60
3	Dibenzofuran	168	C12H8O	000132-64-9	55
4	Benzaldehyde, 2-fluoro-4-hydroxy-	140	C7H5FO2	000348-27-6	47
5	Thiophene, 2,5-dipropyl-	168	C10H16S	054411-07-3	43





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013381.D
Acq On : 13 Dec 2017 19:35
Operator : SJ/JU
Sample : I6758-12ME 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B13ME

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

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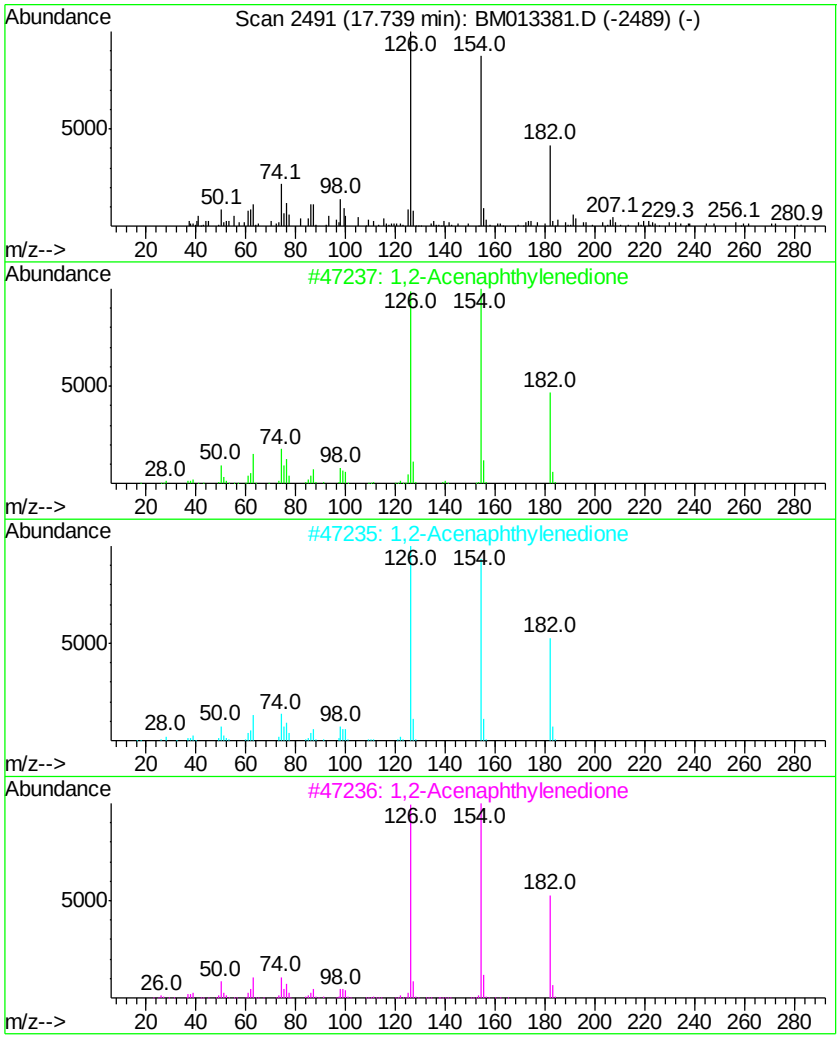
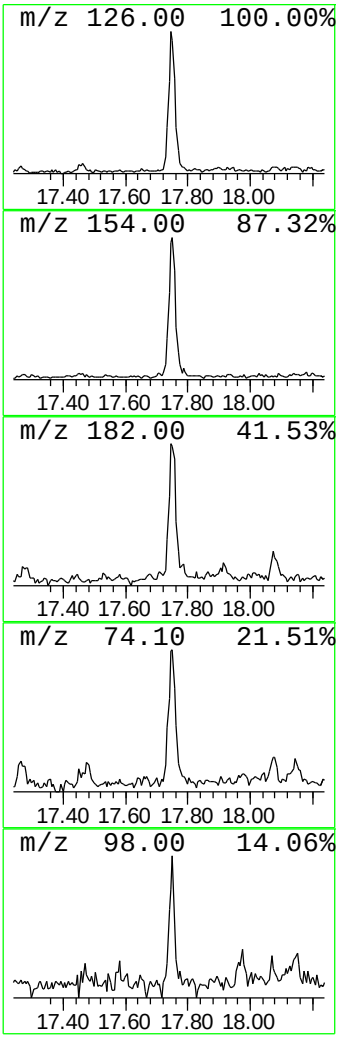
Peak Number 4 1,2-Acenaphthylenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	2.60 ng/ul	329541	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	94
2	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	93
3	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	91
4	1H-Benz[f]indene-1,3(2H)-dione, ...	228	C13H8O4	038627-57-5	72
5	1H-Benz[f]indene-1,2,3-trione	210	C13H6O3	020927-01-9	58





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013381.D
Acq On : 13 Dec 2017 19:35
Operator : SJ/JU
Sample : I6758-12ME 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B13ME

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

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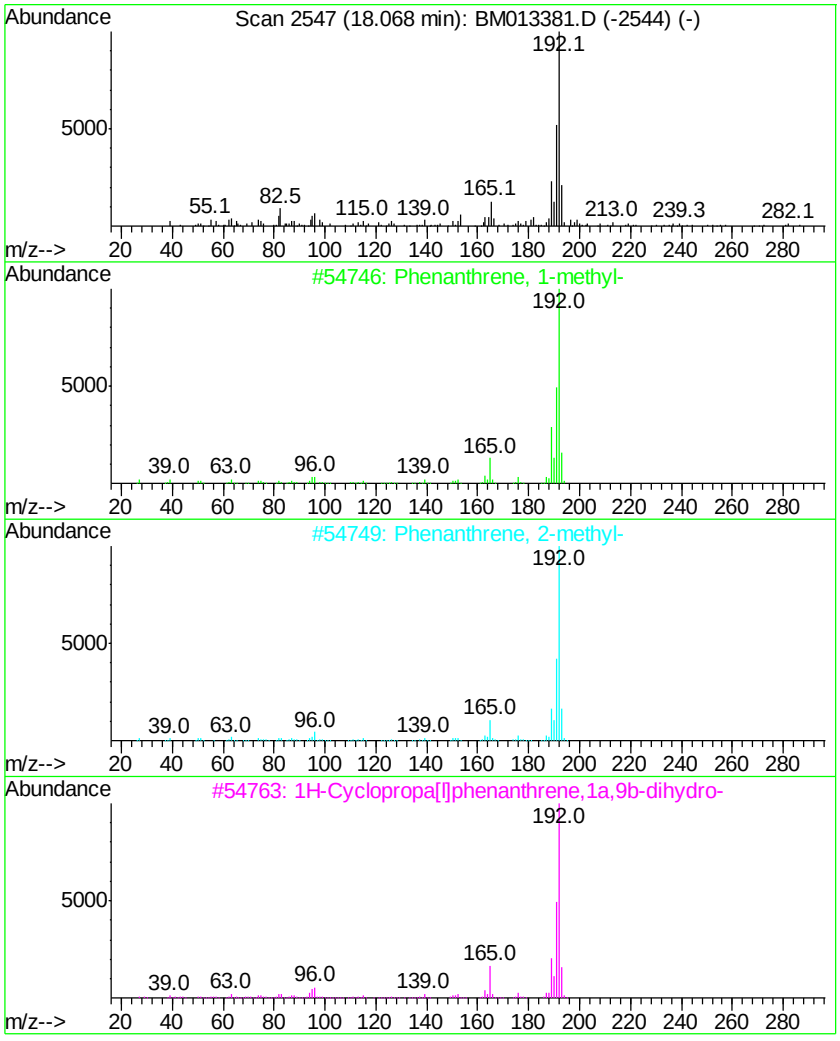
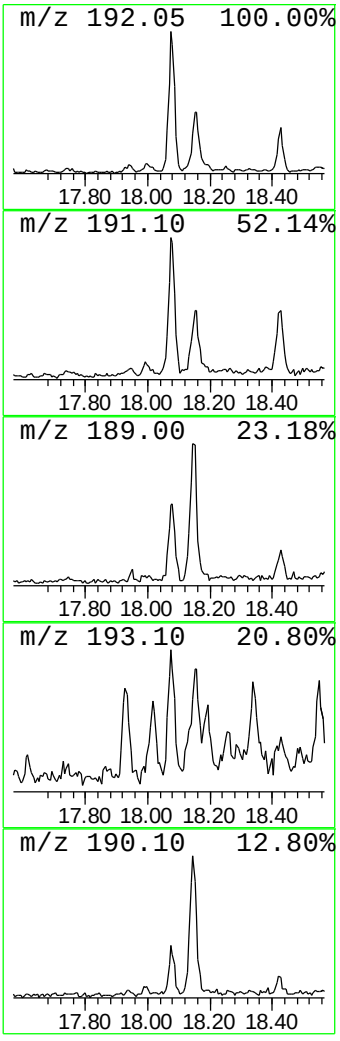
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.95 ng/ul	374417	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013381.D
Acq On : 13 Dec 2017 19:35
Operator : SJ/JU
Sample : I6758-12ME 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B13ME

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

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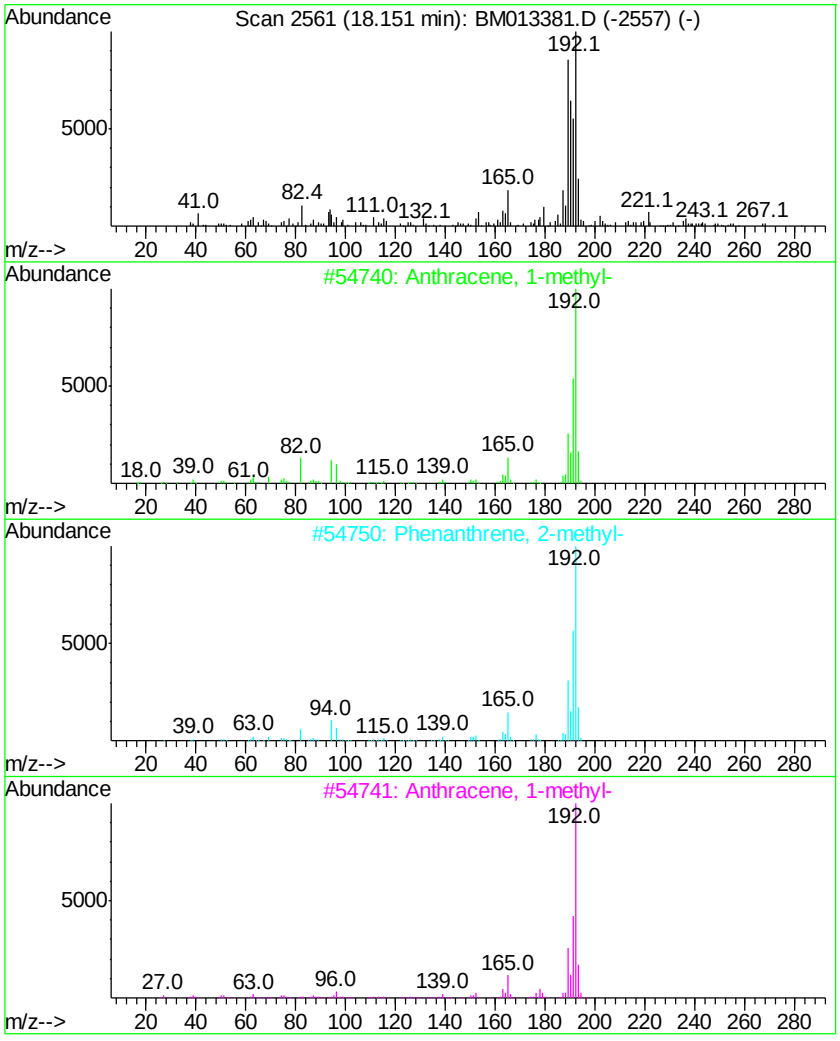
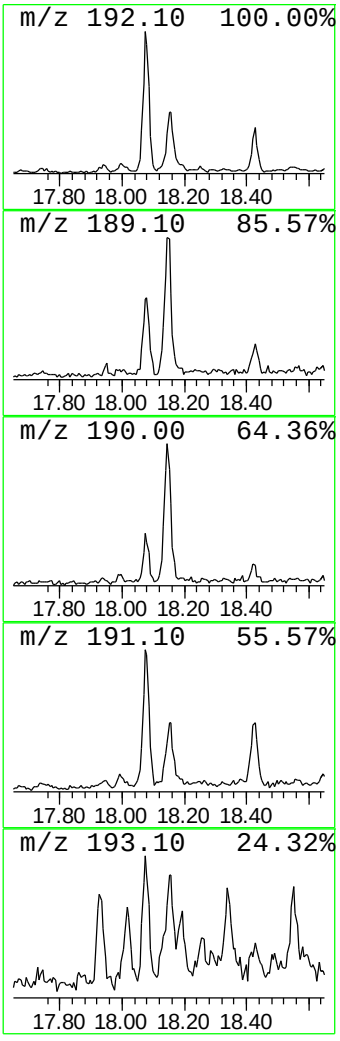
Peak Number 6 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	3.28 ng/ul	416074	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	43





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013381.D
Acq On : 13 Dec 2017 19:35
Operator : SJ/JU
Sample : I6758-12ME 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B13ME

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

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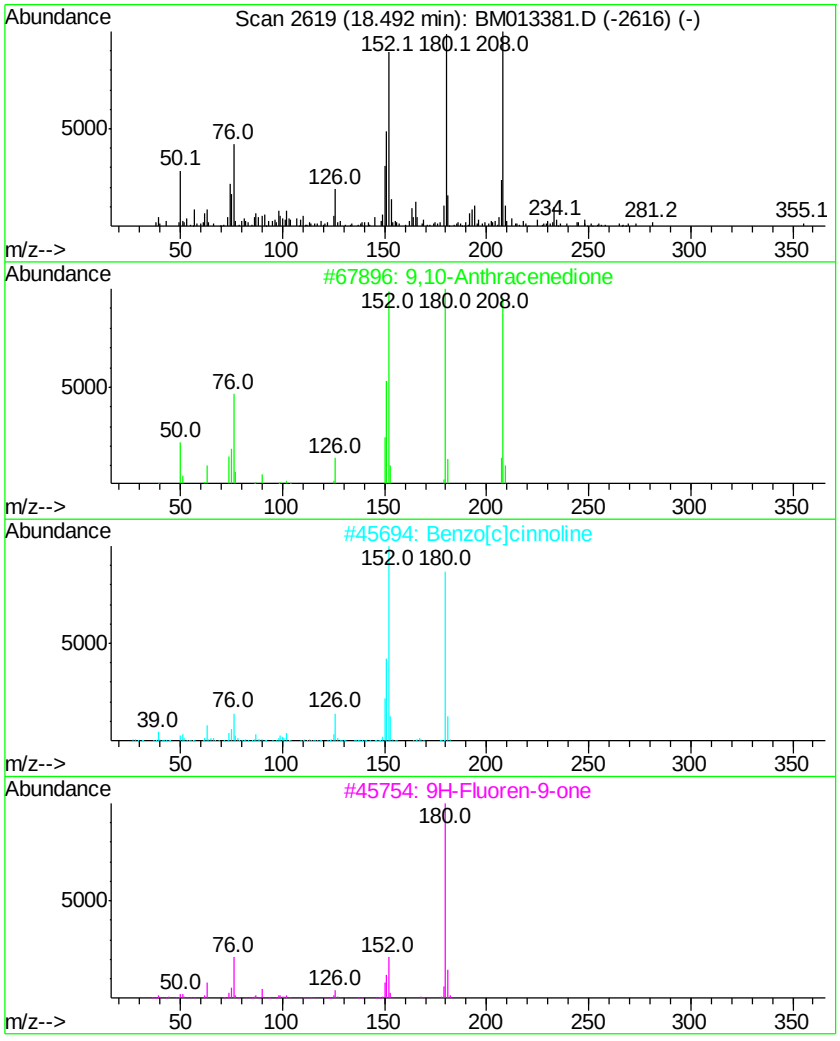
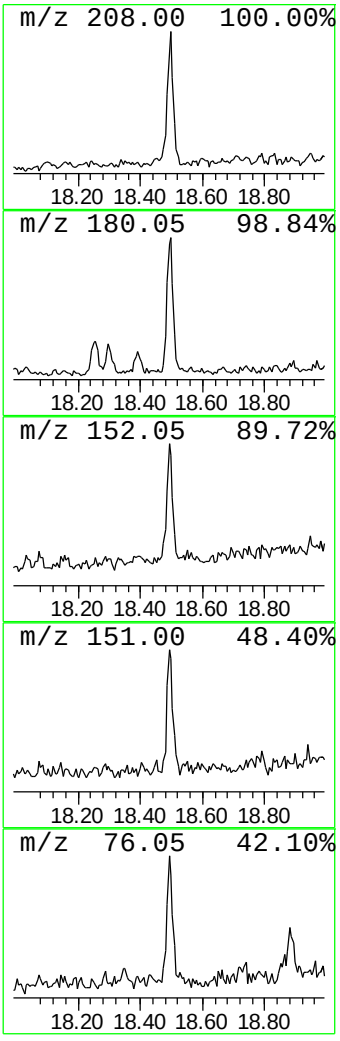
Peak Number 7 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	2.26 ng/ul	287128	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	Anthraquinone-1-carboxylic acid	252	C15H8O4	000602-69-7	83





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Acq On : 13 Dec 2017 19:35
Operator : SJ/JU
Sample : I6758-12ME 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B13ME

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Quant Title : SVOA CALIBRATION

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

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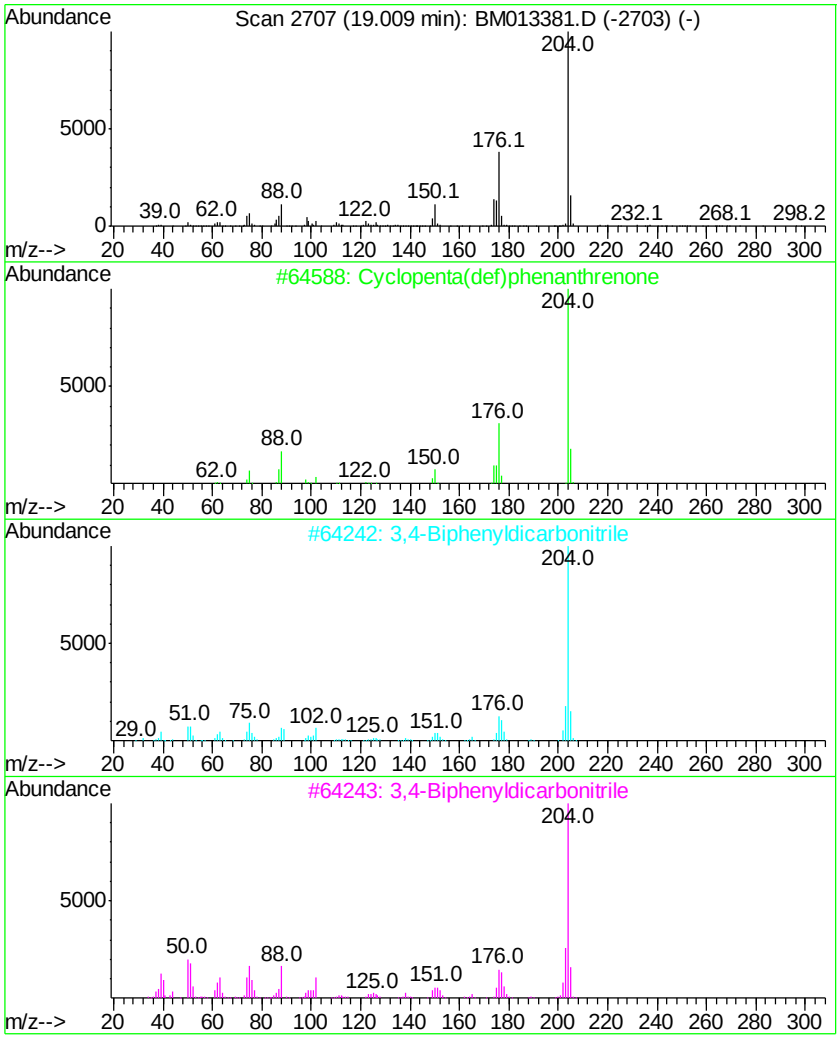
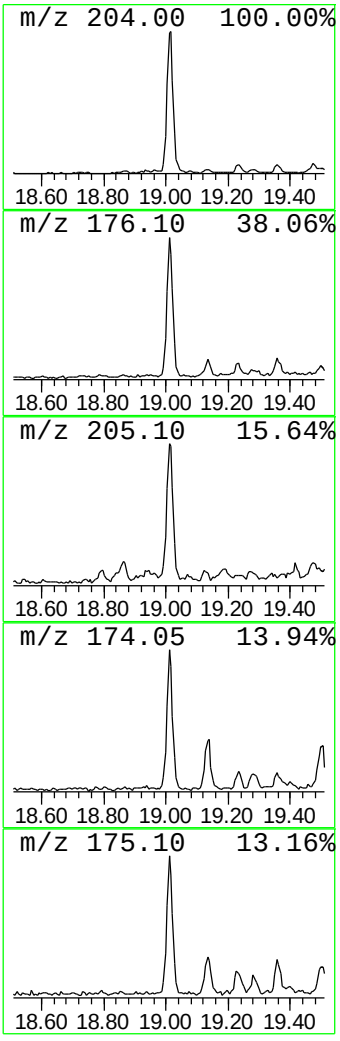
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	9.48 ng/ul	1203210	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	72
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
4	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	49
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





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ClientSampleId : F9B13ME

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Quant Title : SVOA CALIBRATION

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

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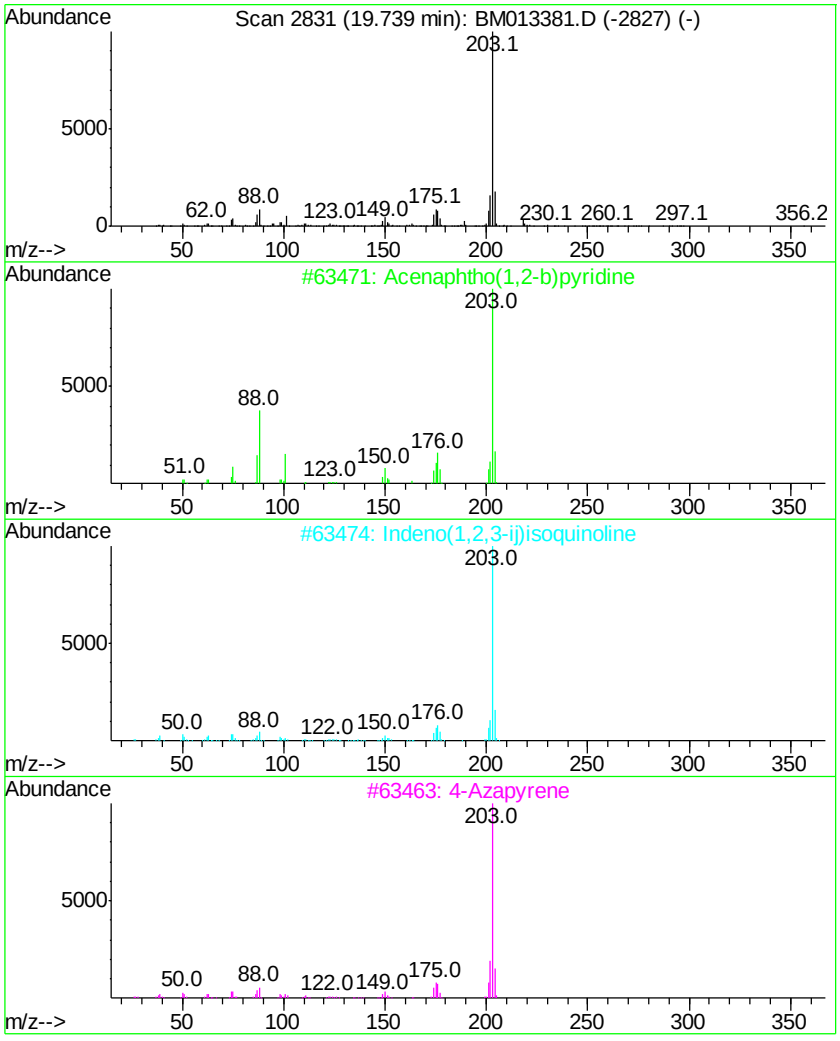
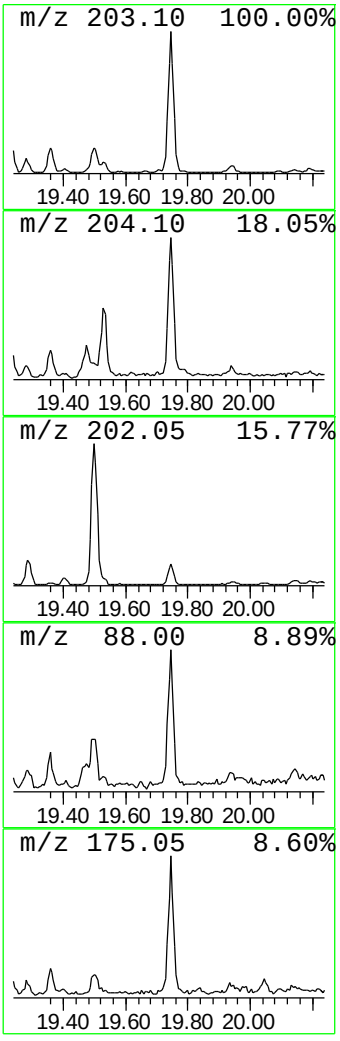
Peak Number 9 Acenaphtho(1,2-b)pyridine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	3.95 ng/ul	1756710	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	97
2	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	97
3	4-Azapyrene	203	C15H9N	000194-03-6	96
4	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	95
5	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	94





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Quant Title : SVOA CALIBRATION

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

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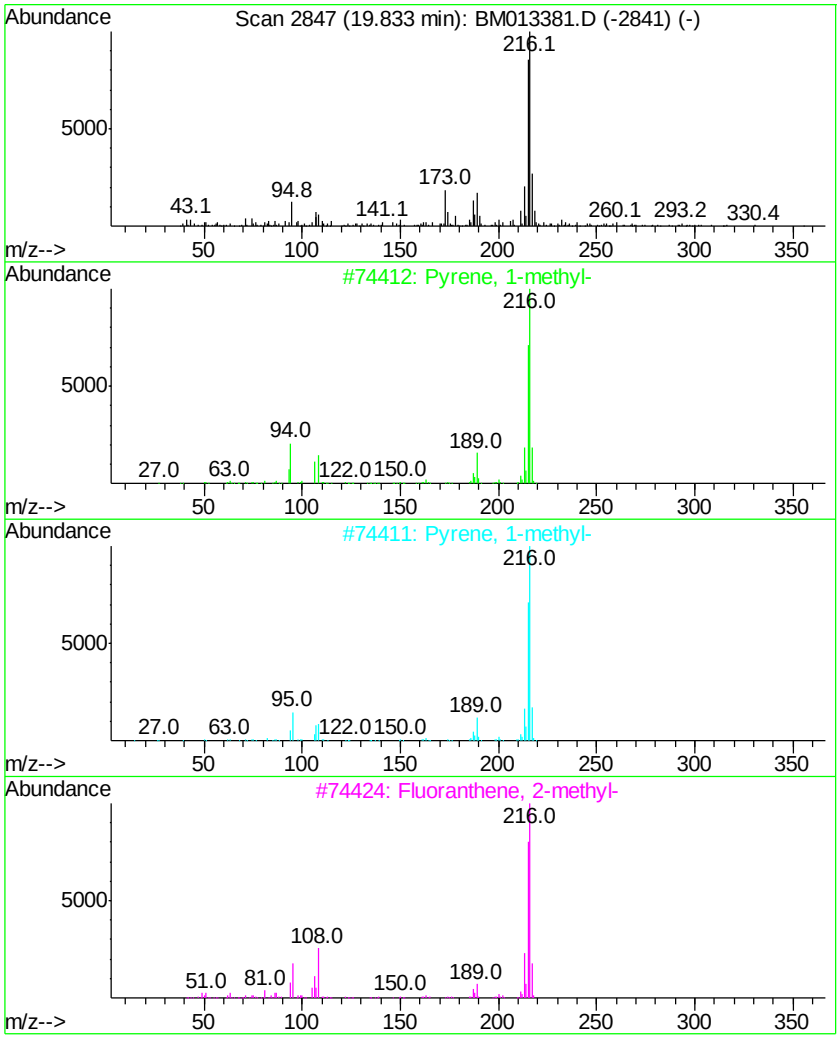
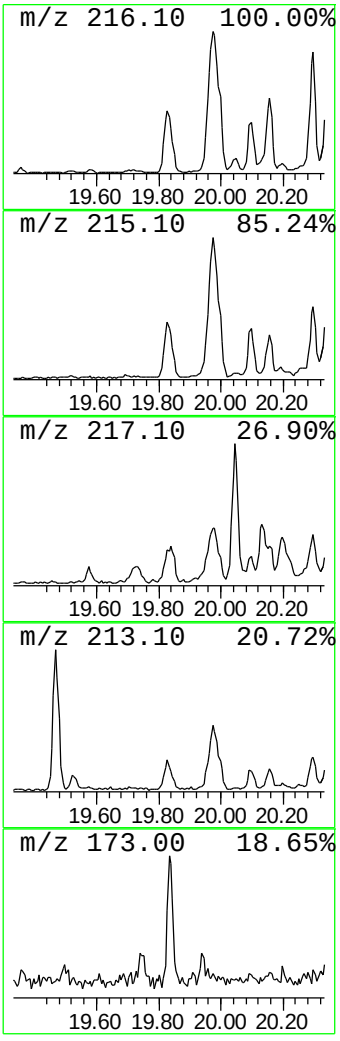
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	2.03 ng/ul	900504	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B13ME

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Quant Title : SVOA CALIBRATION

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

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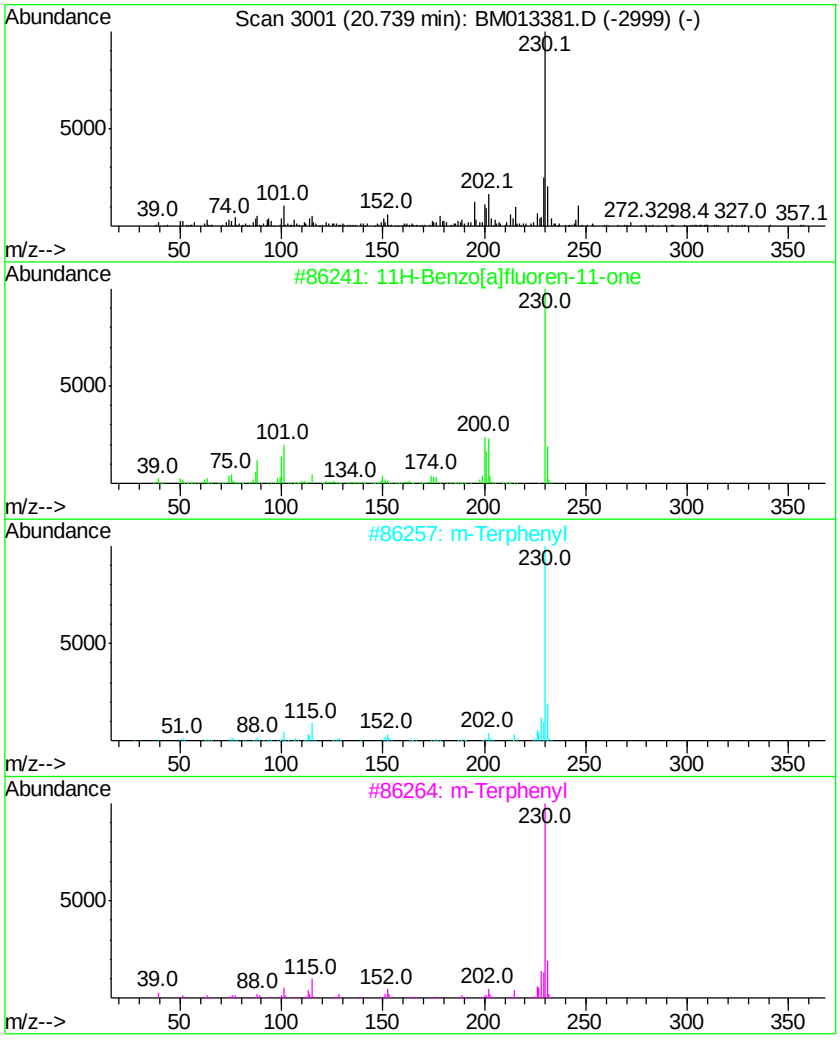
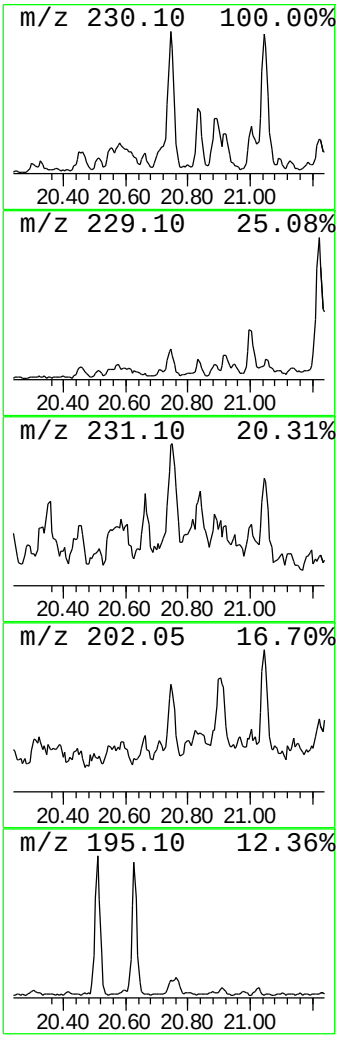
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	2.09 ng/ul	929372	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
2	m-Terphenyl	230	C18H14	000092-06-8	60
3	m-Terphenyl	230	C18H14	000092-06-8	58
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	55
5	m-Terphenyl	230	C18H14	000092-06-8	53





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B13ME

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Quant Title : SVOA CALIBRATION

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

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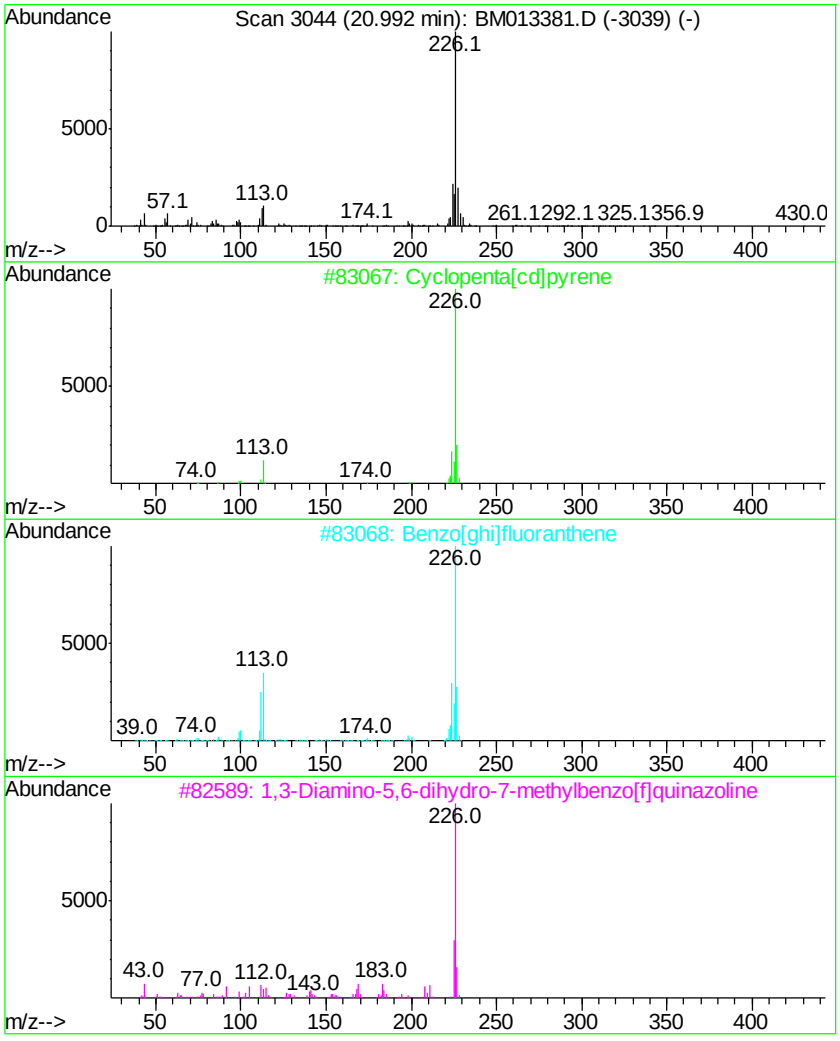
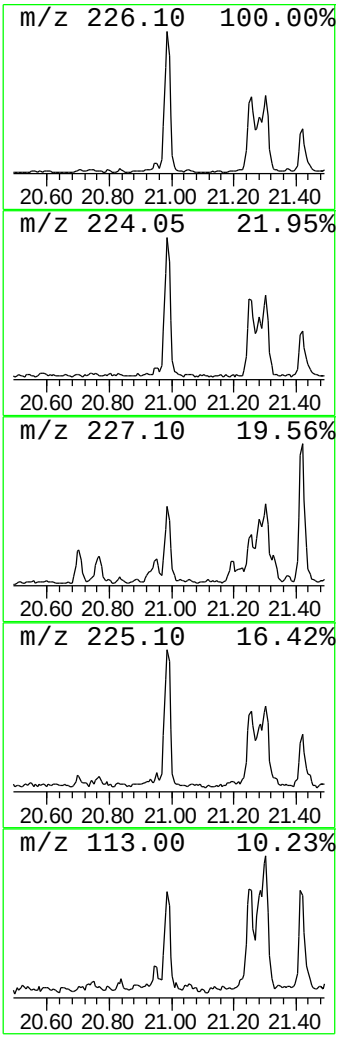
Peak Number 12 Cyclopenta[cd]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.88 ng/ul	1722550	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	70
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
5	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	42





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Misc :
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Instrument : BNA_M
ClientSampleId : F9B13ME

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Quant Title : SVOA CALIBRATION

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

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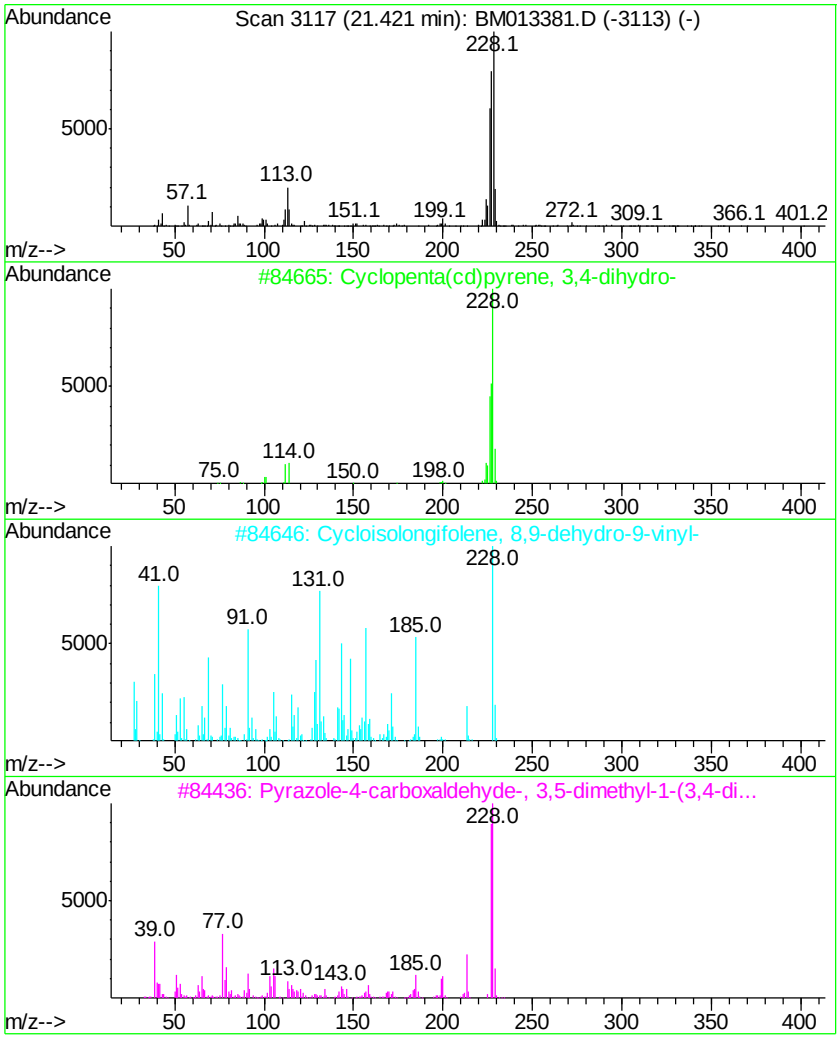
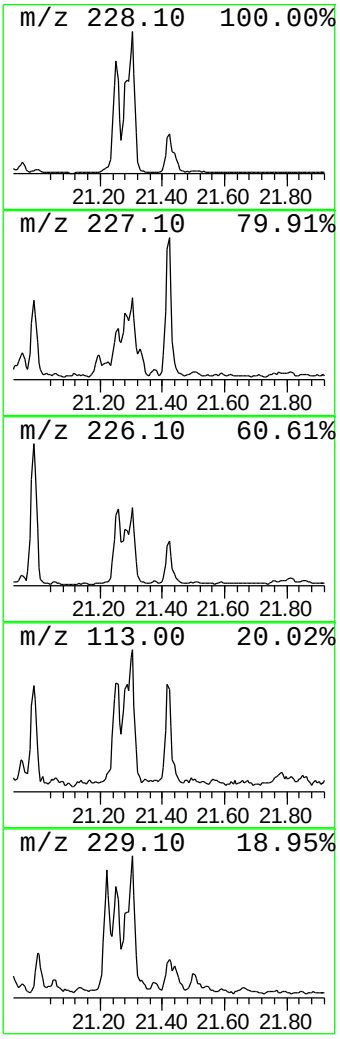
Peak Number 13 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	2.71 ng/ul	1204780	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	87
2	Cycloisolongifolene, 8,9-dehydro...	228	C17H24	1000151-80-0	78
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
5	Chrysene	228	C18H12	000218-01-9	50





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Sample : I6758-12ME 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B13ME

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Quant Title : SVOA CALIBRATION

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

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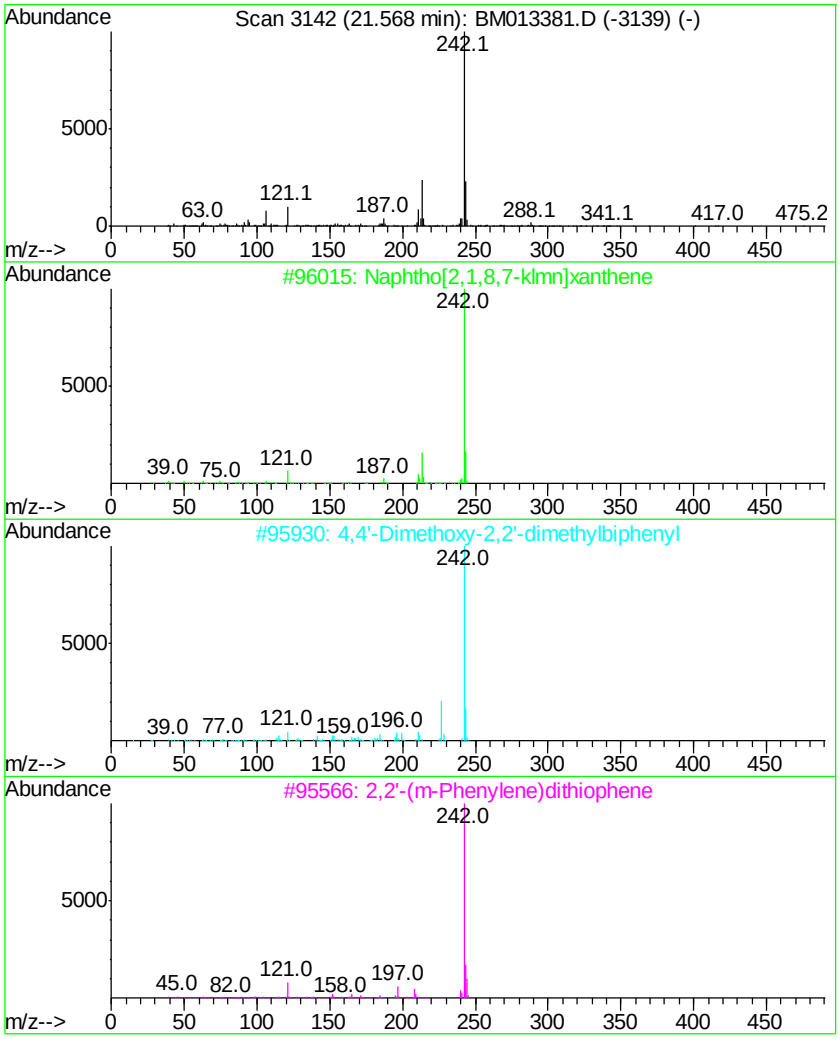
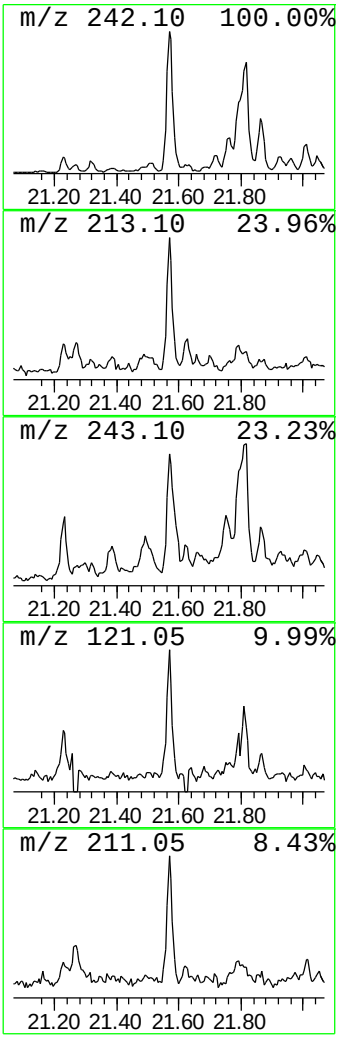
Peak Number 14 Naphtho[2,1,8,7-klmn]xanthene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	2.40 ng/ul	1065410	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1,8,7-klmn]xanthene	242	C18H10O	000191-37-7	93
2	4,4'-Dimethoxy-2,2'-dimethylbiph...	242	C16H18O2	046873-19-2	64
3	2,2'-(m-Phenylene)dithiophene	242	C14H10S2	104500-00-7	59
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	59
5	5-Dicyanomethylene-3-isopropyl-7...	284	C16H16N2O3	1000240-37-5	50





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Sample : I6758-12ME 2X
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Instrument : BNA_M
ClientSampleId : F9B13ME

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Quant Title : SVOA CALIBRATION

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

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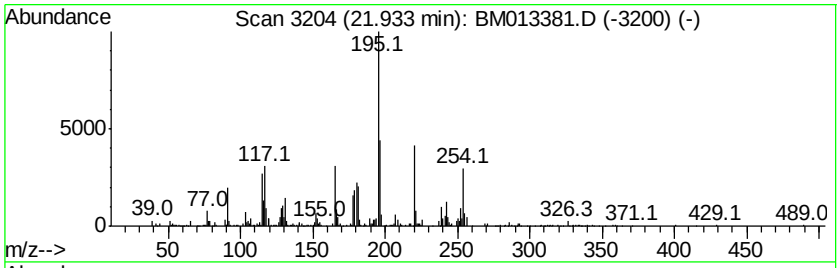
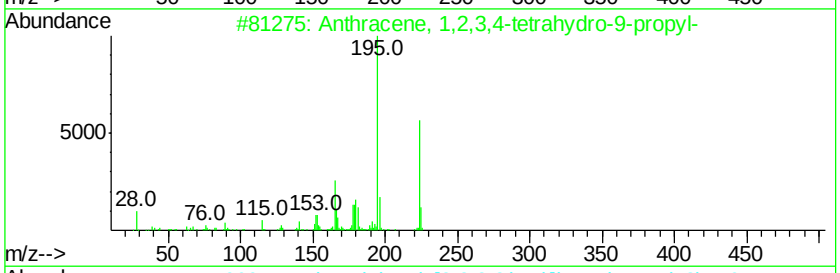
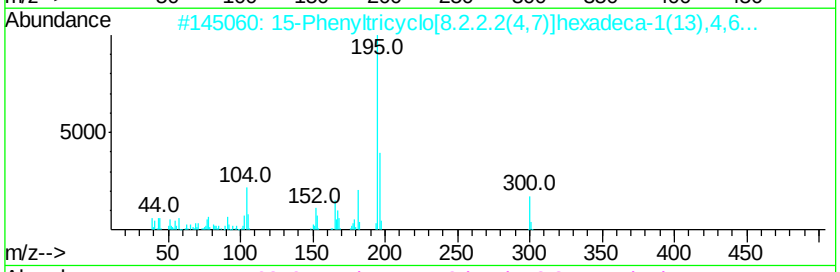
Peak Number 15 unknown-01 Concentration Rank 15

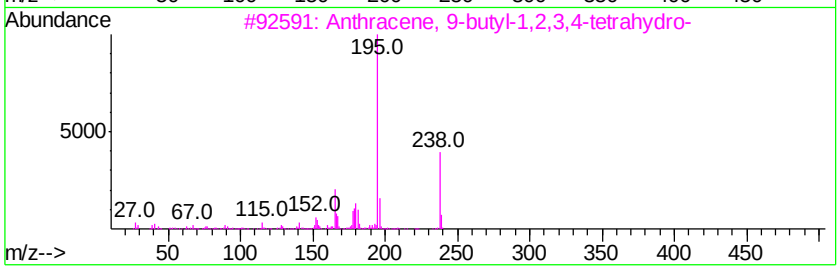
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	2.14 ng/ul	949713	Chrysene-d12	21.27

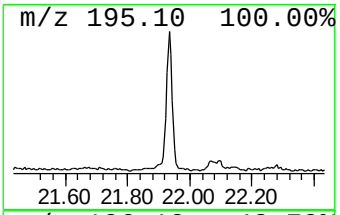
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-9...	224	C17H20	101580-33-0	46
2	15-Phenyltricyclo[8.2.2.2(4,7)]h...	300	C22H20O	1000306-65-7	37
3	Anthracene, 9-butyl-1,2,3,4-tetr...	238	C18H22	1000151-39-2	35
4	Benzophenone 4-phenylsemicarbazone	315	C20H17N3O	003043-79-6	32
5	Isopropyl 3,5-dinitrobenzoate	254	C10H10N2O6	1000373-87-3	25

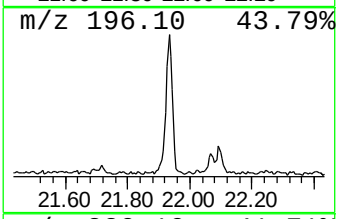


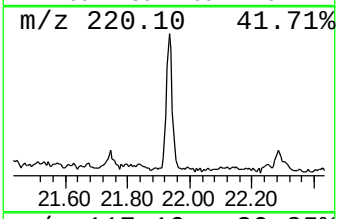


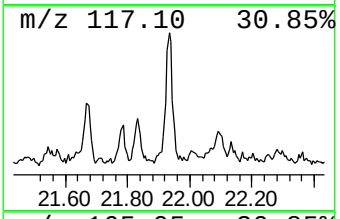


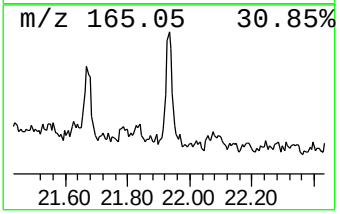












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Sample : I6758-12ME 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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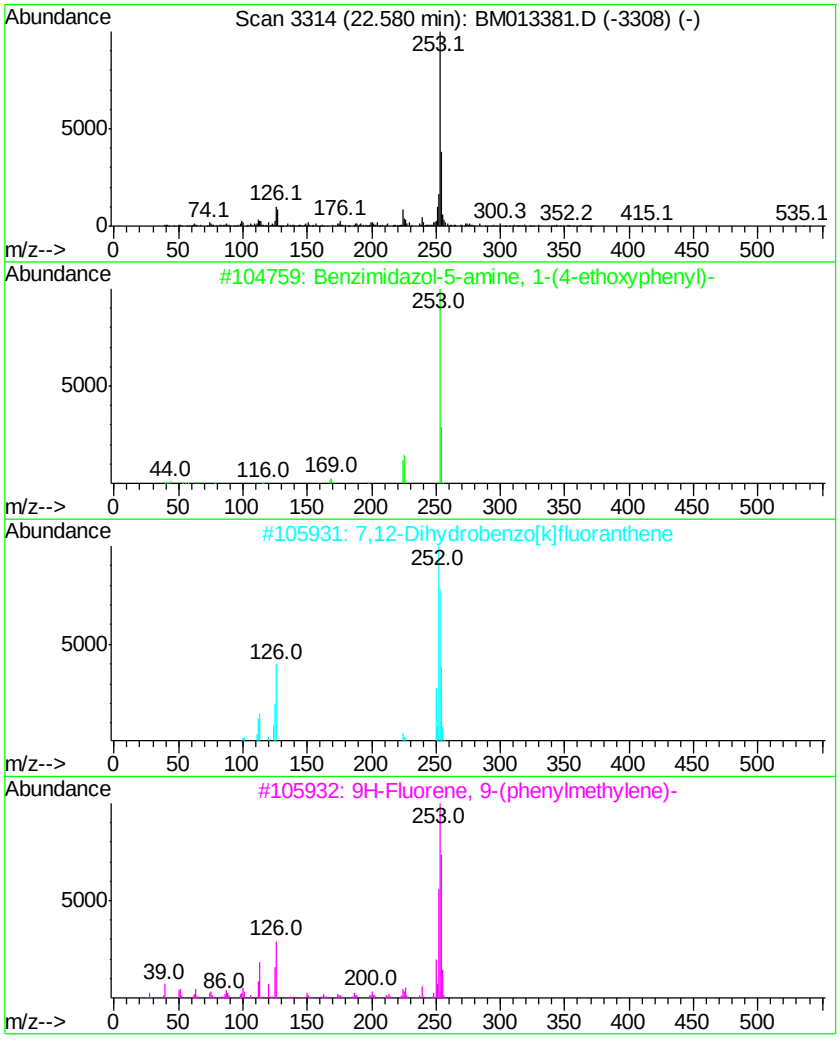
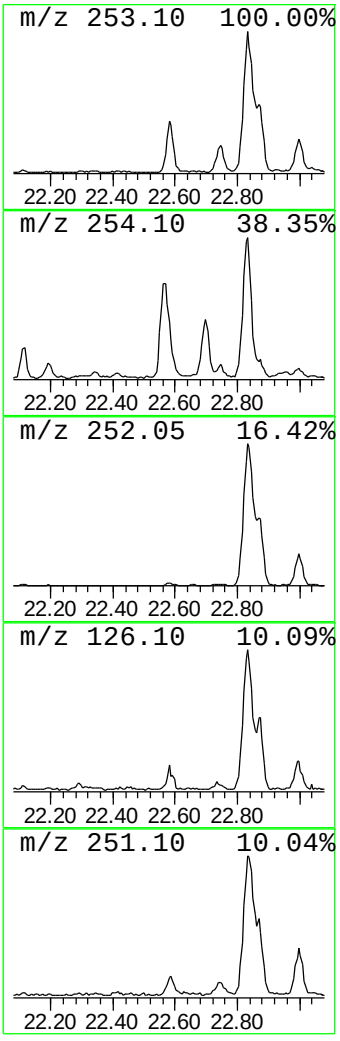
Peak Number 16 Benzimidazol-5-amine, 1-(4-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	10.14 ng/ul	1542140	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzimidazol-5-amine, 1-(4-ethox...	253	C15H15N3O	007104-62-3	53
2	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	50
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	43
4	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	43
5	1,1'-Binaphthalene	254	C20H14	000604-53-5	41





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ClientSampleId : F9B13ME

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Quant Title : SVOA CALIBRATION

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

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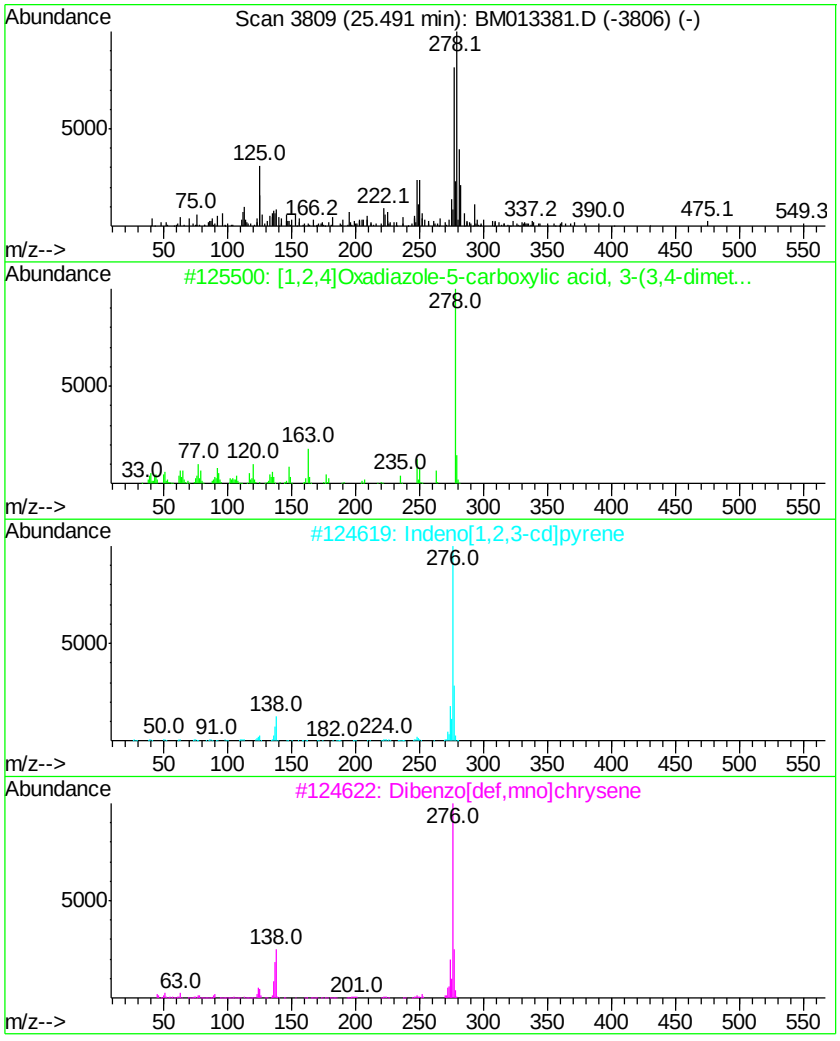
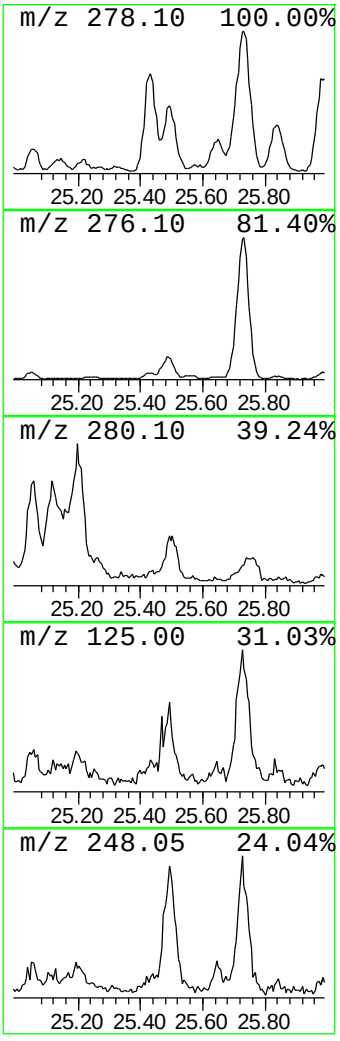
Peak Number 18 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.49	4.56 ng/ul	693292	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,2,4]Oxadiazole-5-carboxylic a...	278	C13H14N2O5	1000316-89-9	30
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	27
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	25
4	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	25
5	Benzo[ghi]perylene	276	C22H12	000191-24-2	22





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM121317\
Data File : BM013381.D
Acq On : 13 Dec 2017 19:35
Operator : SJ/JU
Sample : I6758-12ME 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B13ME

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
Benzene, 1-propynyl-	8.22	5.5	ng/ul	222014	1	7.68	804784	20.0
1(2H)-Acenaphthyl...	16.05	5.9	ng/ul	746027	4	17.07	2538750	20.0
1,2-Acenaphthylen...	17.74	2.6	ng/ul	329541	4	17.07	2538750	20.0
Phenanthrene, 1-m...	18.07	3.0	ng/ul	374417	4	17.07	2538750	20.0
Anthracene, 1-met...	18.15	3.3	ng/ul	416074	4	17.07	2538750	20.0
9,10-Anthracenedione	18.49	2.3	ng/ul	287128	4	17.07	2538750	20.0
Cyclopenta(def)ph...	19.01	9.5	ng/ul	1203210	4	17.07	2538750	20.0
Acenaphtho(1,2-b)...	19.74	4.0	ng/ul	1756710	5	21.27	8890210	20.0
Pyrene, 1-methyl-	19.83	2.0	ng/ul	900504	5	21.27	8890210	20.0
11H-Benzo[a]fluor...	20.74	2.1	ng/ul	929372	5	21.27	8890210	20.0
Cyclopenta[cd]pyrene	20.99	3.9	ng/ul	1722550	5	21.27	8890210	20.0
Cyclopenta(cd)pyr...	21.42	2.7	ng/ul	1204780	5	21.27	8890210	20.0
Naphtho[2,1,8,7-k...	21.57	2.4	ng/ul	1065410	5	21.27	8890210	20.0
unknown-01	21.93	2.1	ng/ul	949713	5	21.27	8890210	20.0
Benzimidazol-5-am...	22.58	10.1	ng/ul	1542140	6	23.50	3041240	20.0
unknown-02	25.49	4.6	ng/ul	693292	6	23.50	3041240	20.0