LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B51

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-BM011018.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	10.457	1251	1270	1274	rVB2	62455585	168569571	33.12%	5.623%
2	10.533	1274	1283	1292	rVB	2885302	5326871	1.05%	0.178%
3	12.080	1528	1546	1549	rBV2	73228607	191902169	37.71%	6.402%
4	12.286	1565	1581	1585	rBV2	47183781	90017080	17.69%	3.003%
5	13.074	1706	1715	1720	rBV	26919123	43937413	8.63%	1.466%
6	13.263	1740	1747	1757	rVB	10179429	18094282	3.56%	0.604%
7	13.398	1757	1770	1771	rBV	11850063	17449814	3.43%	0.582%
8	13.563	1789	1798	1803	rBV	16929935	33055484	6.50%	1.103%
9	13.615	1803	1807	1813	rVB	13667240	18667725	3.67%	0.623%
10	13.792	1829	1837	1841	rVV	6985369	11329986	2.23%	0.378%
11	13.957	1861	1865	1872	rVB	5272916	7617474	1.50%	0.254%
12	14.251	1907	1915	1919	rVV	15657283	21967174	4.32%	0.733%
13	14.351	1919	1932	1936	rVV4	84979950	222815066	43.78%	7.433%
14	14.398	1936	1940	1944	rVB	3956504	5847662	1.15%	0.195%
15	14.451	1944	1949	1960	rVB	2225407	5927326	1.16%	0.198%
16	14.557	1960	1967	1972	rBV	5239235	7936743	1.56%	0.265%
17	14.680	1972	1988	1992	rBV5	57461517	133130732	26.16%	4.441%
18	14.862	2012	2019	2024	rBV2	3388254	6067486	1.19%	0.202%
19	15.239	2080	2083	2088	rVV2	2987745	5169444	1.02%	0.172%
20	15.339	2088	2100	2104	rVV2	71267208	171660872	33.73%	5.726%
21	15.404	2105	2111	2113	rVV	4292096	7121798	1.40%	0.238%
22	15.433	2113	2116	2118	rVV	7268657	9635381	1.89%	0.321%
23	15.468	2118	2122	2126	rVV2	15068032	21935687	4.31%	0.732%
24	15.509	2126	2129	2132	rVV2	3651375	5350631	1.05%	0.178%
25	15.551	2132	2136	2139	rVV	7118521	9992871	1.96%	0.333%
26	15.598	2139	2144	2151	rVB	16187243	23612189	4.64%	0.788%
27	15.709	2158	2163	2165	rBV	4482864	6151438	1.21%	0.205%
28	15.751	2165	2170	2176	rVV	15785821	33131389	6.51%	1.105%
29	15.962	2189	2206	2213	rBV5	3731432	9890678	1.94%	0.330%
30	16.092	2222	2228	2233	rVB	5884735	8566268	1.68%	0.286%
31	16.304	2251	2264	2269	rBV2	10823972	22716277	4.46%	0.758%
32	16.451	2283	2289	2294	rVB2	4139803	6862459	1.35%	0.229%
33	16.745	2332	2339	2343	rBV3	4656619	10935949	2.15%	0.365%
34	16.827	2347	2353	2367	rVB	20596890	33475702	6.58%	1.117%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B51

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-BM011018.M
Title : SVOA CALIBRATION

35	17.127	2383	2404	2407	rBV5	134597425	508929673	100.00%	16.977%
36	17.180	2407	2413	2417	rVV2	47859895	69602255	13.68%	2.322%
37	17.421	2446	2454	2464	rBV	10607179	20092908	3.95%	0.670%
38	17.521	2464	2471	2477	rVV3	5510015	10682538	2.10%	0.356%
39	17.880	2522	2532	2536	rBV	20332761	33185269	6.52%	1.107%
40	17.939	2536	2542	2547	rVB	32857702	44602046	8.76%	1.488%
41	18.021	2547	2556	2561	rBV	8310110	14877466	2.92%	0.496%
42	18.098	2561	2569	2572	rBV	41578050	80856657	15.89%	2.697%
43	18.386	2612	2618	2622	rVV	18782243	24868945	4.89%	0.830%
44	18.803	2682	2689	2693	rBV2	4059422	8537632	1.68%	0.285%
45	18.868	2698	2700	2709	rVV	2961604	5693531	1.12%	0.190%
46	18.962	2710	2716	2728	rVB8	1521662	5318346	1.05%	0.177%
47	19.127	2728	2744	2747	rBV5	96861704	276119948	54.26%	9.211%
48	19.315	2769	2776	2781	rBV	4419432	7120894	1.40%	0.238%
49	19.456	2789	2800	2802	rBV3	78104478	157021957	30.85%	5.238%
50	19.486	2803	2805	2808	rVV2	75536325	68498144	13.46%	2.285%
51	19.515	2808	2810	2817	rVB2	6796697	7468888	1.47%	0.249%
52	19.621	2817	2828	2833	rBV	8079866	11627228	2.28%	0.388%
53	19.756	2845	2851	2852	rBV	5168360	7620119	1.50%	0.254%
54	19.897	2870	2875	2877	rVV	3611223	6341551	1.25%	0.212%
55	19.944	2877	2883	2887	rVB	21866581	30528779	6.00%	1.018%
56	20.044	2893	2900	2903	rBV	22509953	31491316	6.19%	1.050%
57	20.097	2903	2909	2912	rVV2	6683425	12893767	2.53%	0.430%
58	20.844	3030	3036	3039	rBV	4997236	6775157	1.33%	0.226%
59	20.880	3039	3042	3046	rVV	5681915	7136802	1.40%	0.238%
60	20.921	3046	3049	3054	rVB2	3987797	6418847	1.26%	0.214%
61	21.197	3085	3096	3100	rBV2	31732451	53873642	10.59%	1.797%
62	21.250	3100	3105	3109	rVB	25101390	34101368	6.70%	1.138%
63	21.356	3119	3123	3129	rBV	6590183	8535615	1.68%	0.285%
64	21.738	3182	3188	3192	rVV	3168108	5573088	1.10%	0.186%
65	22.750	3351	3360	3364	rBV	7930544	19390898	3.81%	0.647%
66	23.203	3431	3437	3442	rBV	3133018	5681623	1.12%	0.190%
67	23.303	3448	3454	3458	rVB	6633913	10428179	2.05%	0.348%

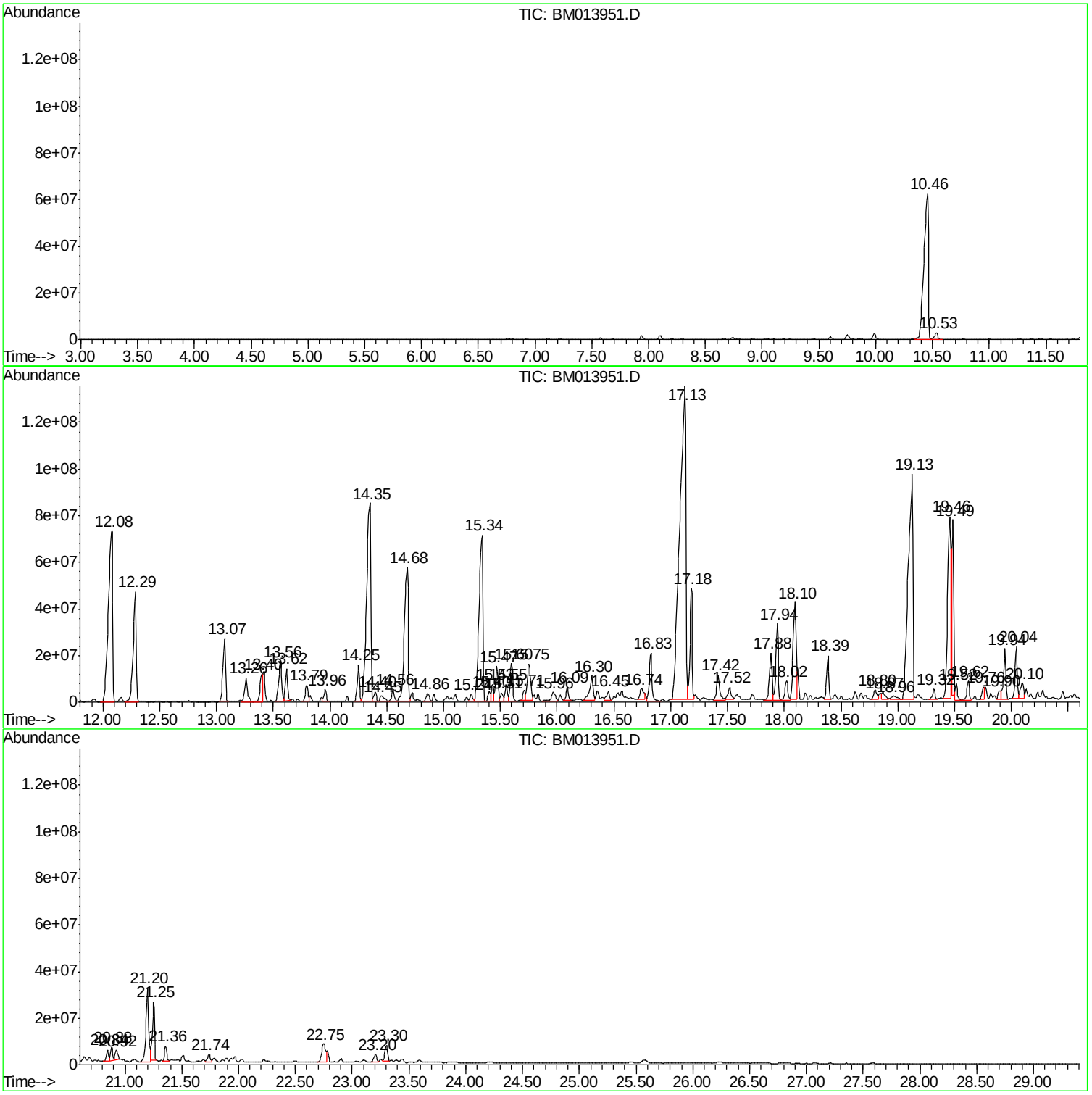
Sum of corrected areas: 2997764167

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

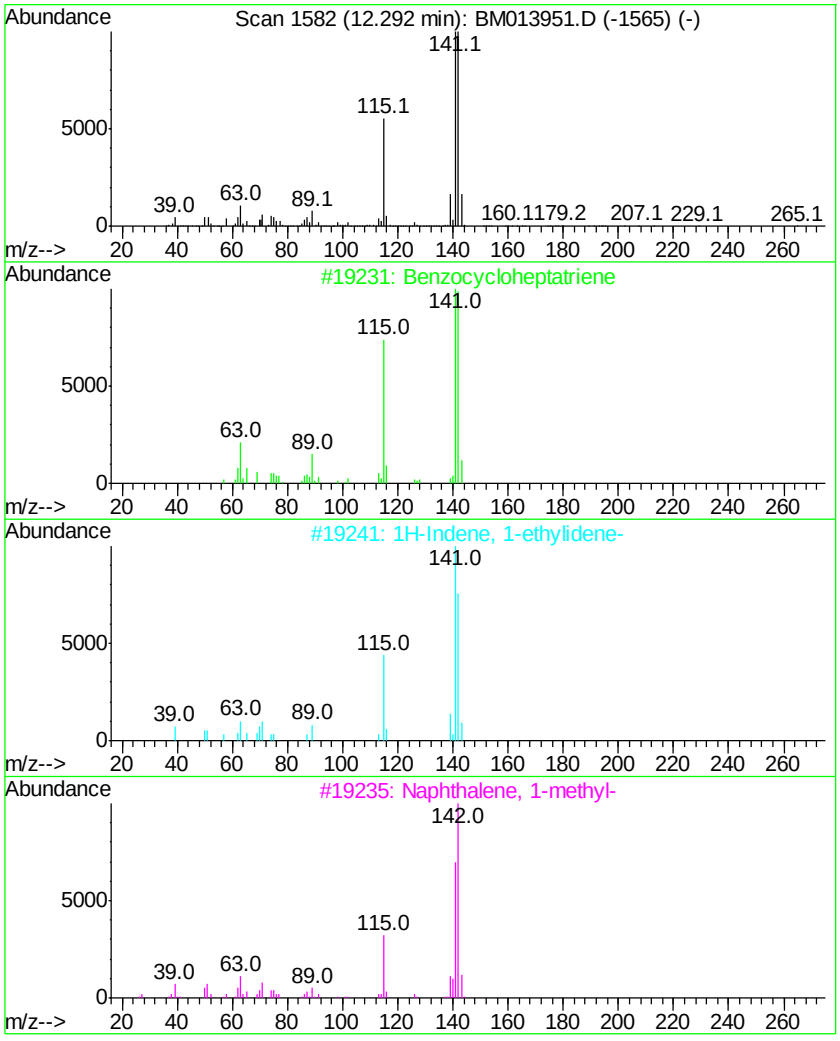
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

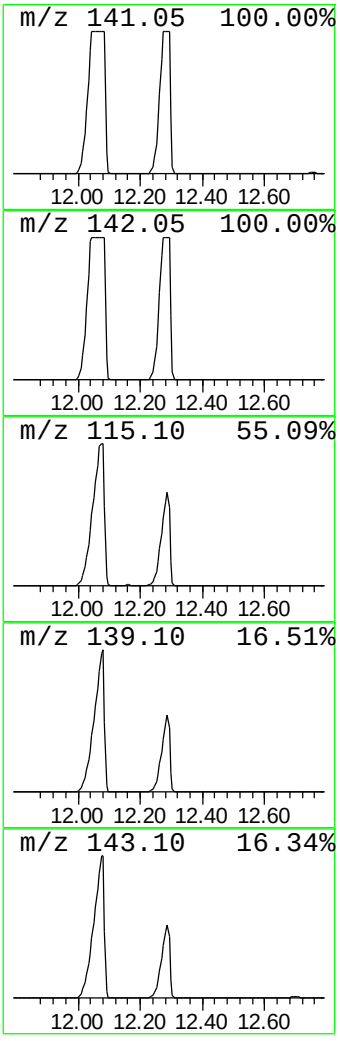
****

Peak Number 1 Benzocycloheptatriene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	10.68 ng/ul	90017100	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptatriene	142	C11H10	000264-09-5	93
2	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	93
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

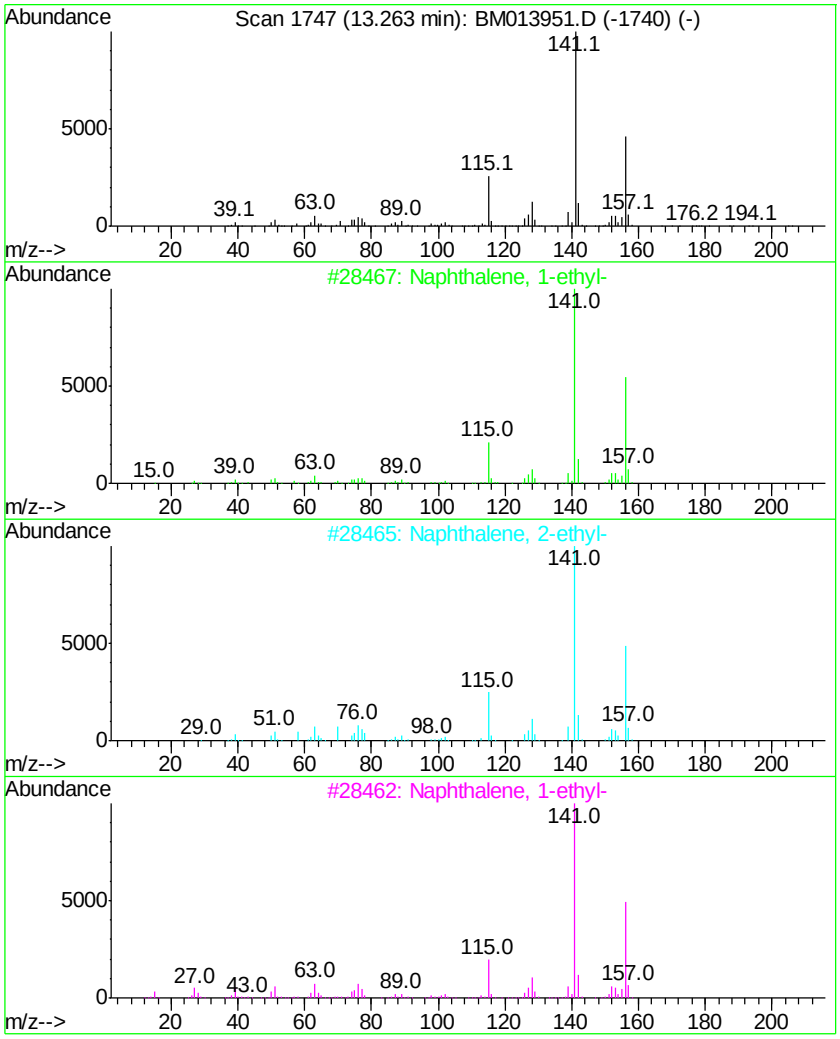
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

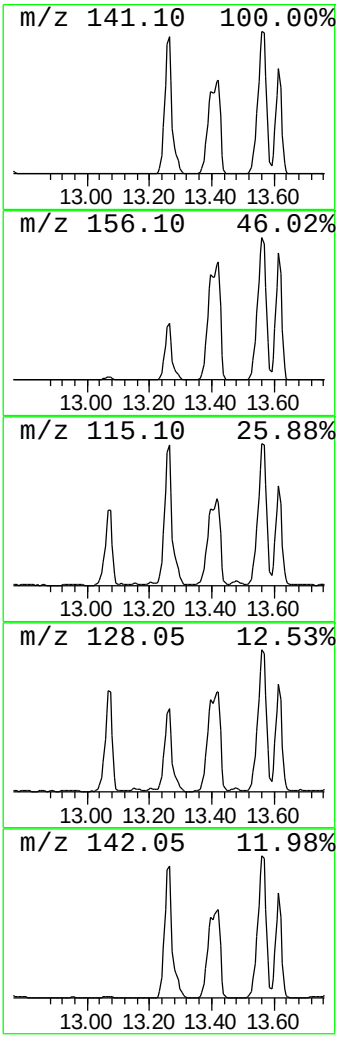
****

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	16.47 ng/ul	18094300	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

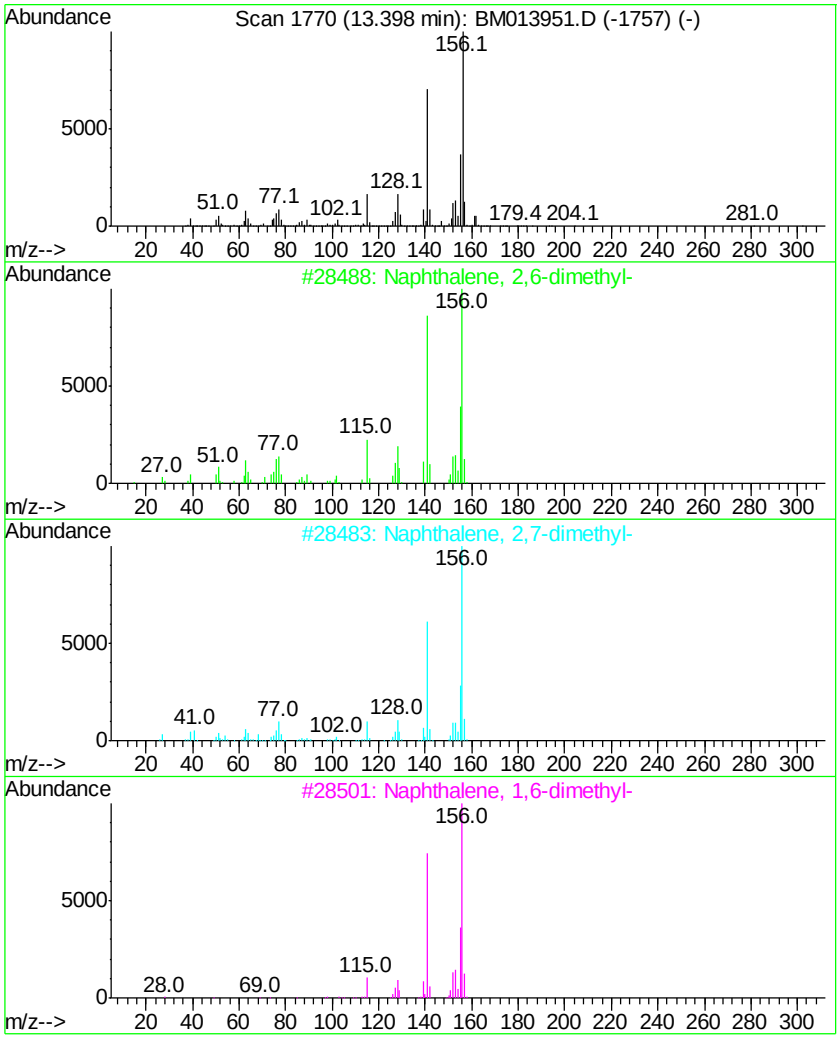
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

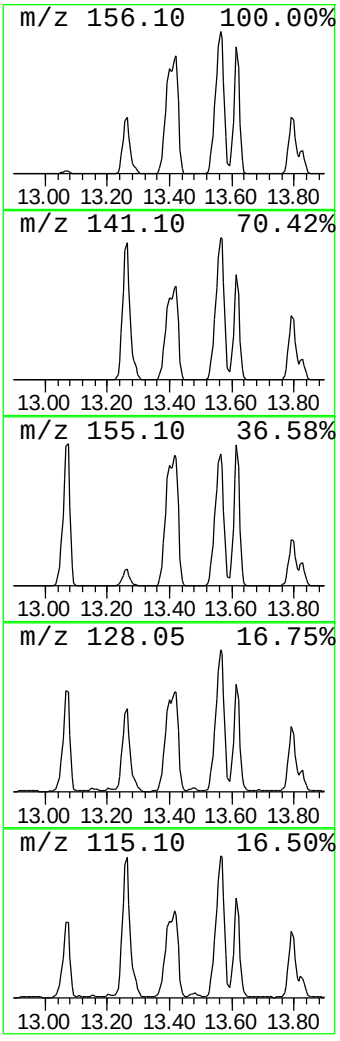
****

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	15.89 ng/ul	17449800	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

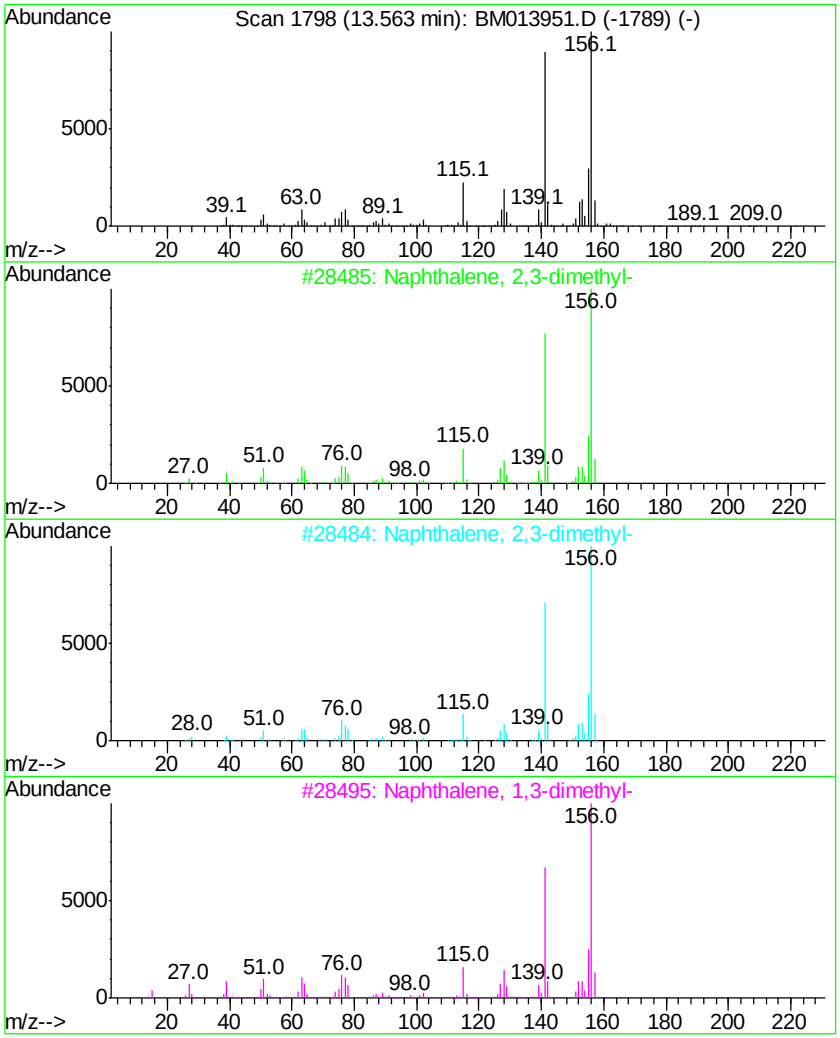
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

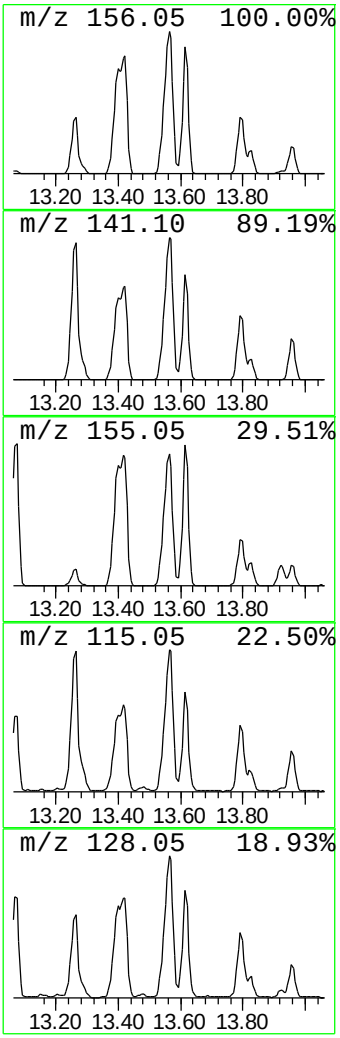
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	30.10 ng/ul	33055500	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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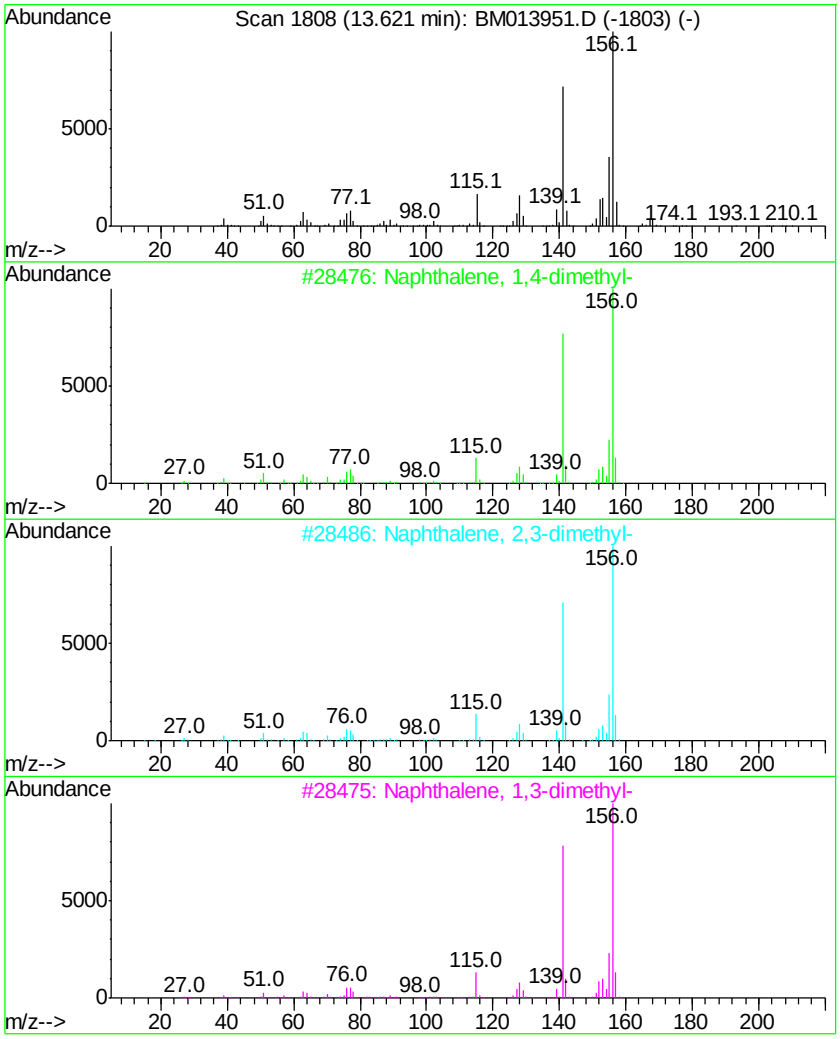
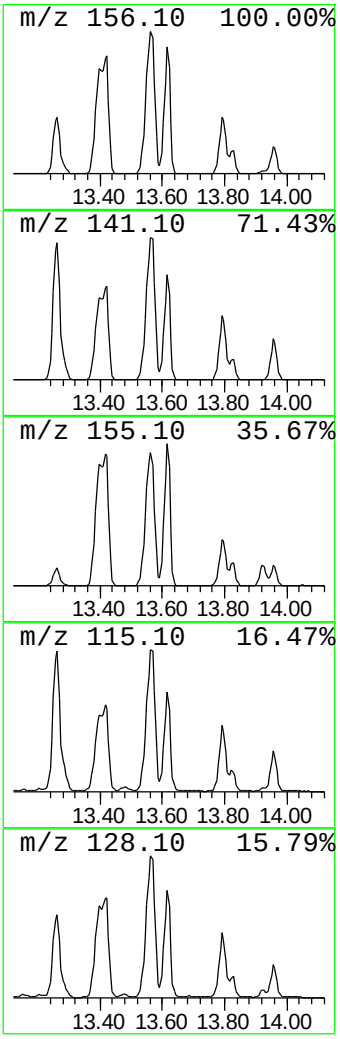
Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	17.00 ng/ul	18667700	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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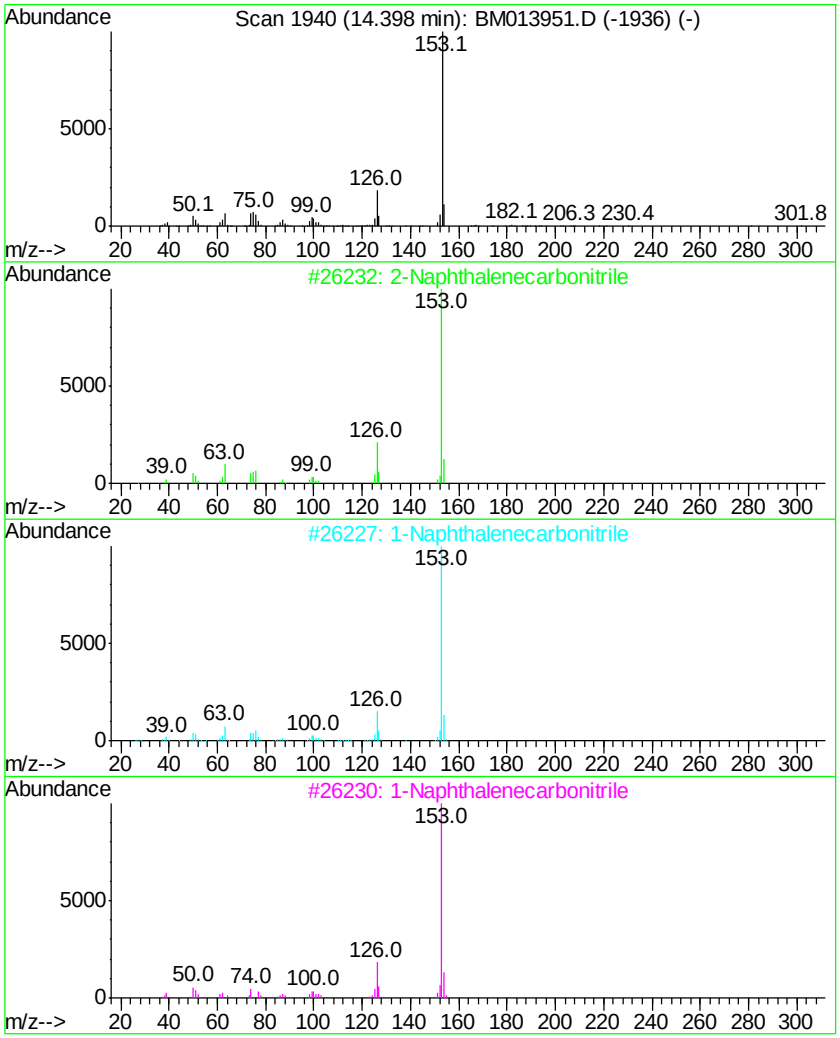
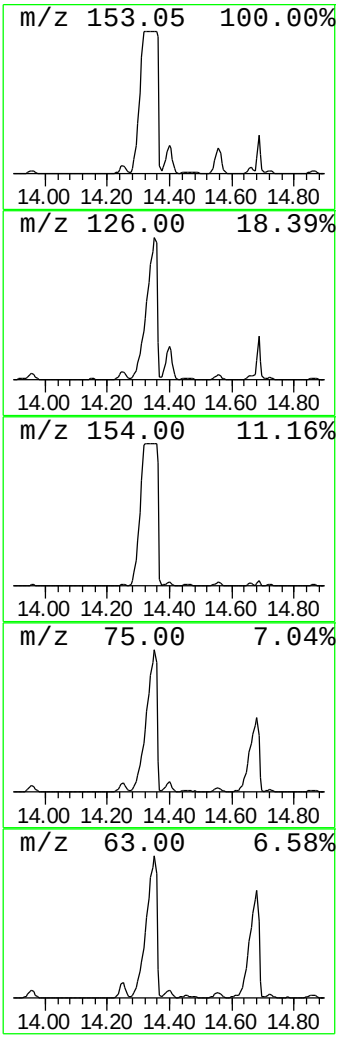
Peak Number 8 2-Naphthalenecarbonitrile Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	5.32 ng/ul	5847660	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	95
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	94
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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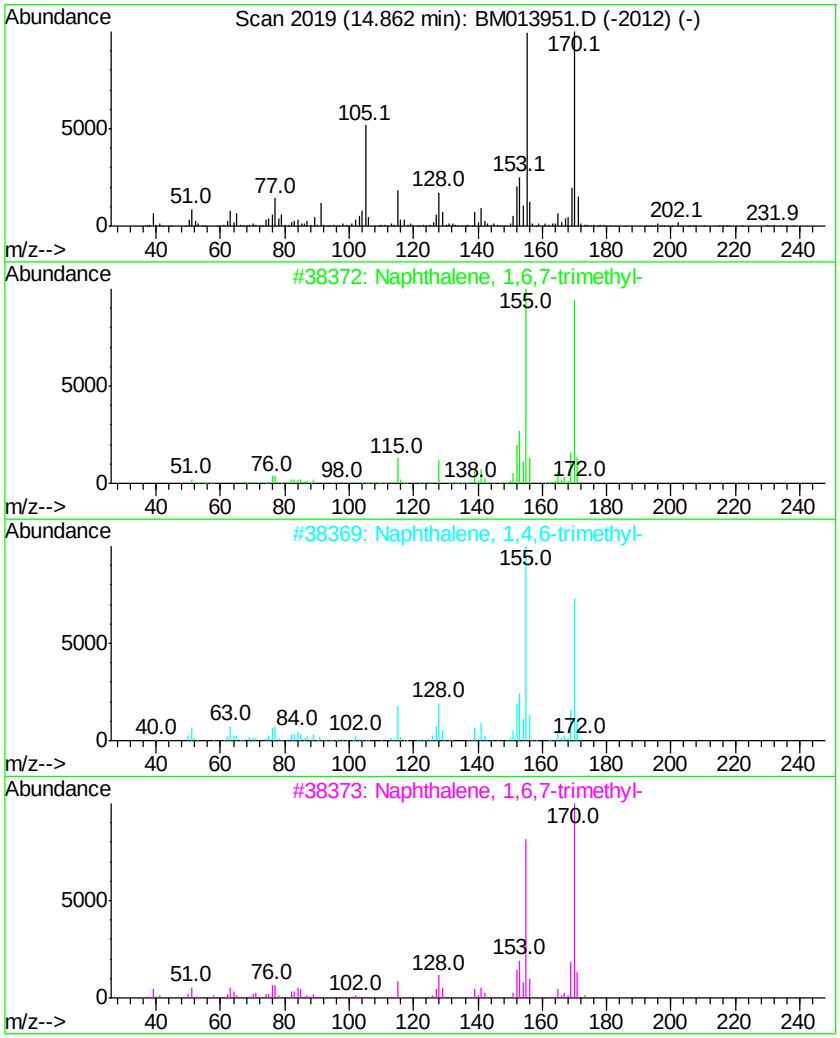
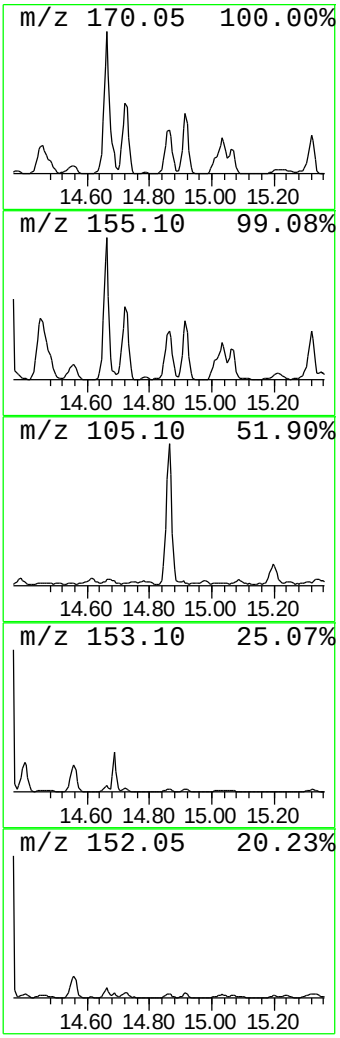
Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	5.52 ng/ul	6067490	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





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Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B51

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Quant Title : SVOA CALIBRATION

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

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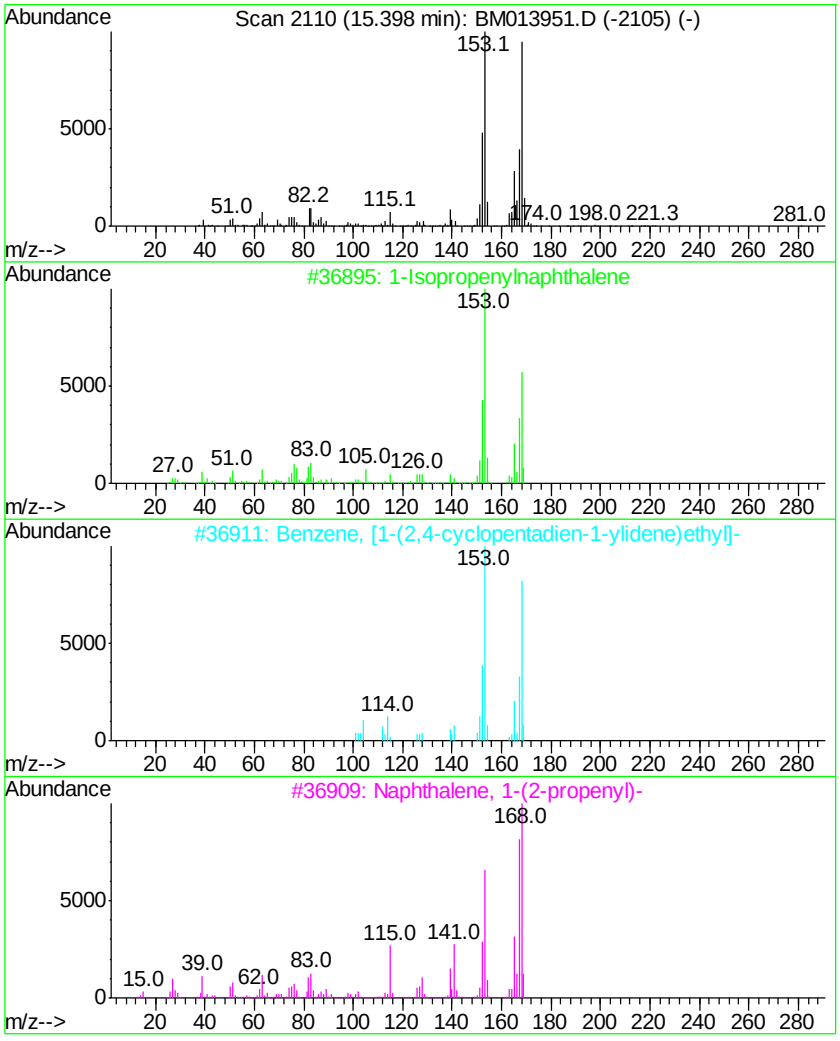
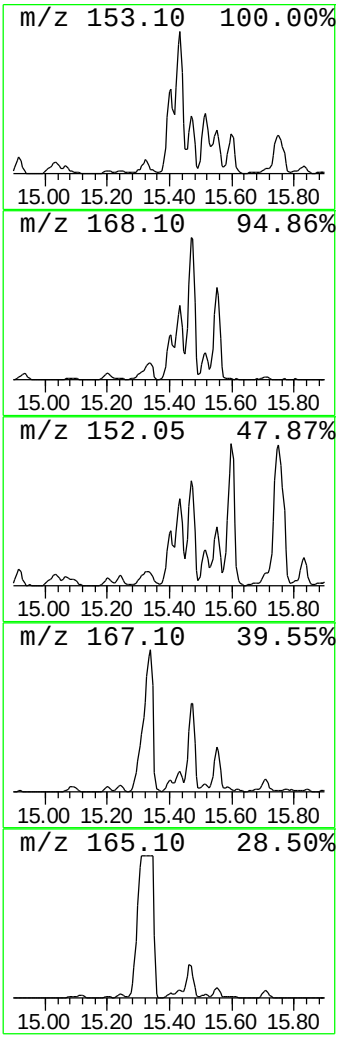
Peak Number 11 1-Isopropenylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	6.48 ng/ul	7121800	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	94
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	59
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50





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Instrument : BNA_M
ClientSampleId : F6B51

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Quant Title : SVOA CALIBRATION

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

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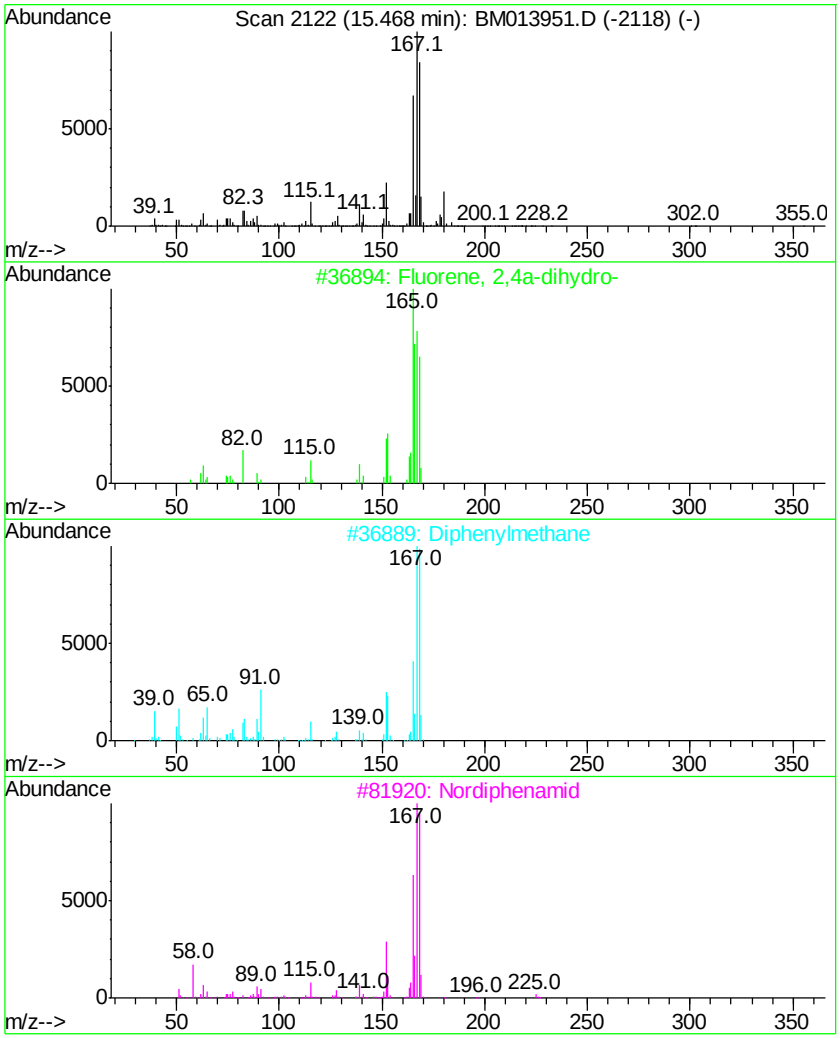
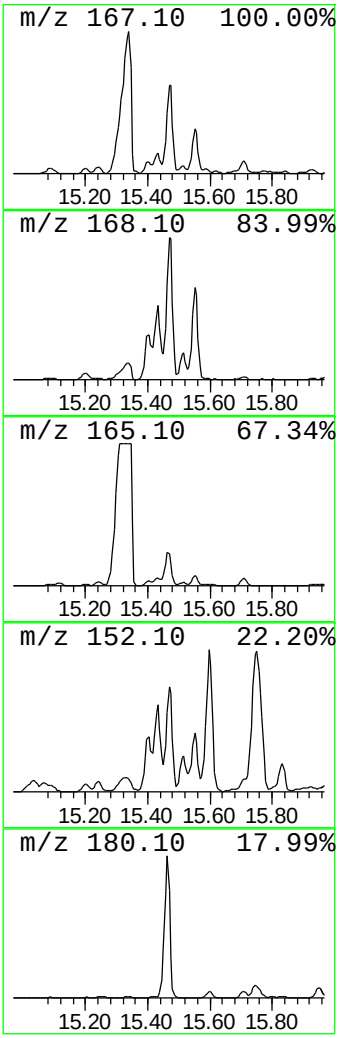
Peak Number 13 Fluorene, 2,4a-dihydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	19.97 ng/ul	21935700	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	89
2	Diphenylmethane	168	C13H12	000101-81-5	76
3	Nordiphenamid	225	C15H15NO	000954-21-2	72
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	68
5	Diphenylmethane	168	C13H12	000101-81-5	68





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Quant Title : SVOA CALIBRATION

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

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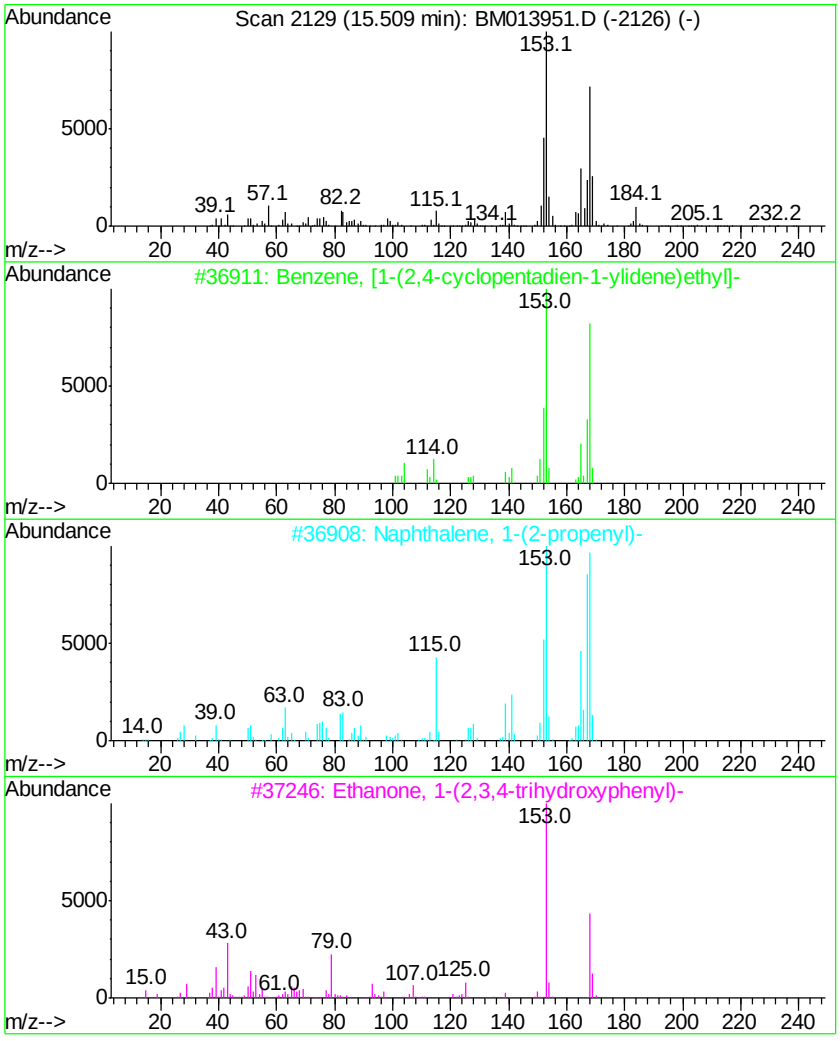
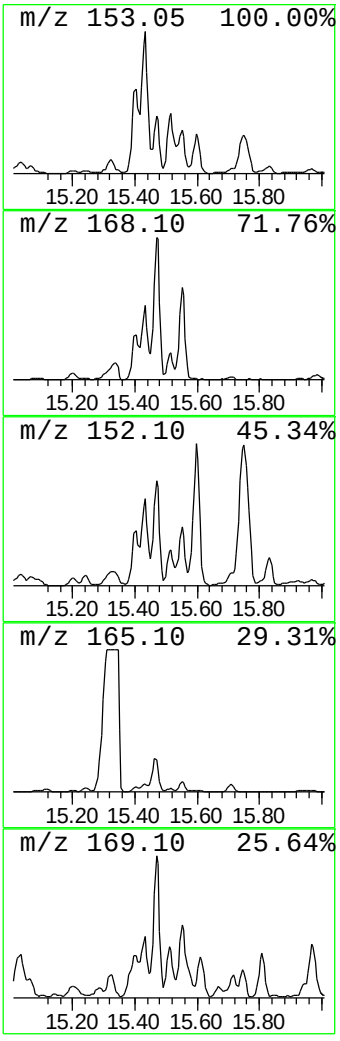
Peak Number 14 Benzene, [1-(2,4-cyclopenta... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	4.87 ng/ul	5350630	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	58
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	53
3	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47
4	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	43
5	.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	37





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Instrument : BNA_M
ClientSampleId : F6B51

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Quant Title : SVOA CALIBRATION

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

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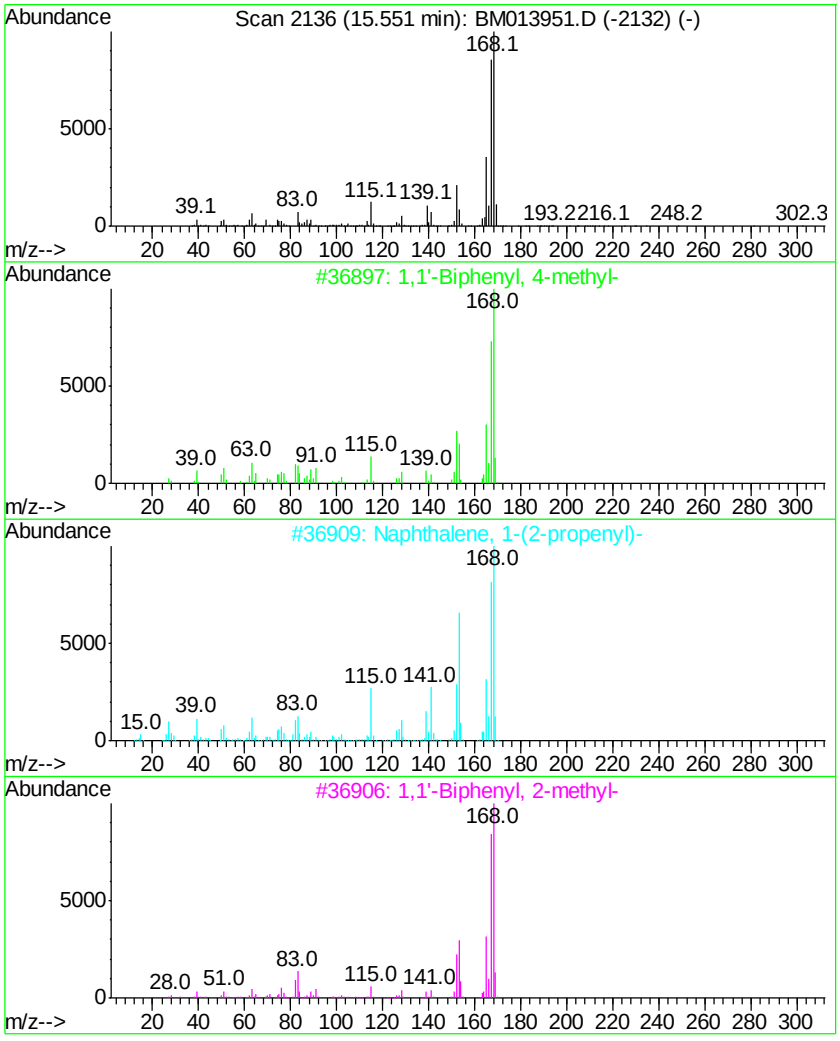
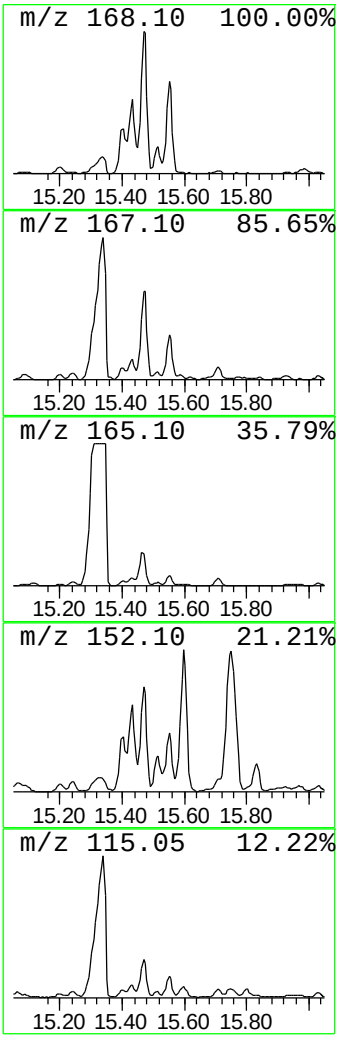
Peak Number 15 1,1'-Biphenyl, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	9.10 ng/ul	9992870	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	87
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	86
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	83
4	Diphenylmethane	168	C13H12	000101-81-5	74
5	Diphenylmethane	168	C13H12	000101-81-5	72





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Quant Title : SVOA CALIBRATION

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

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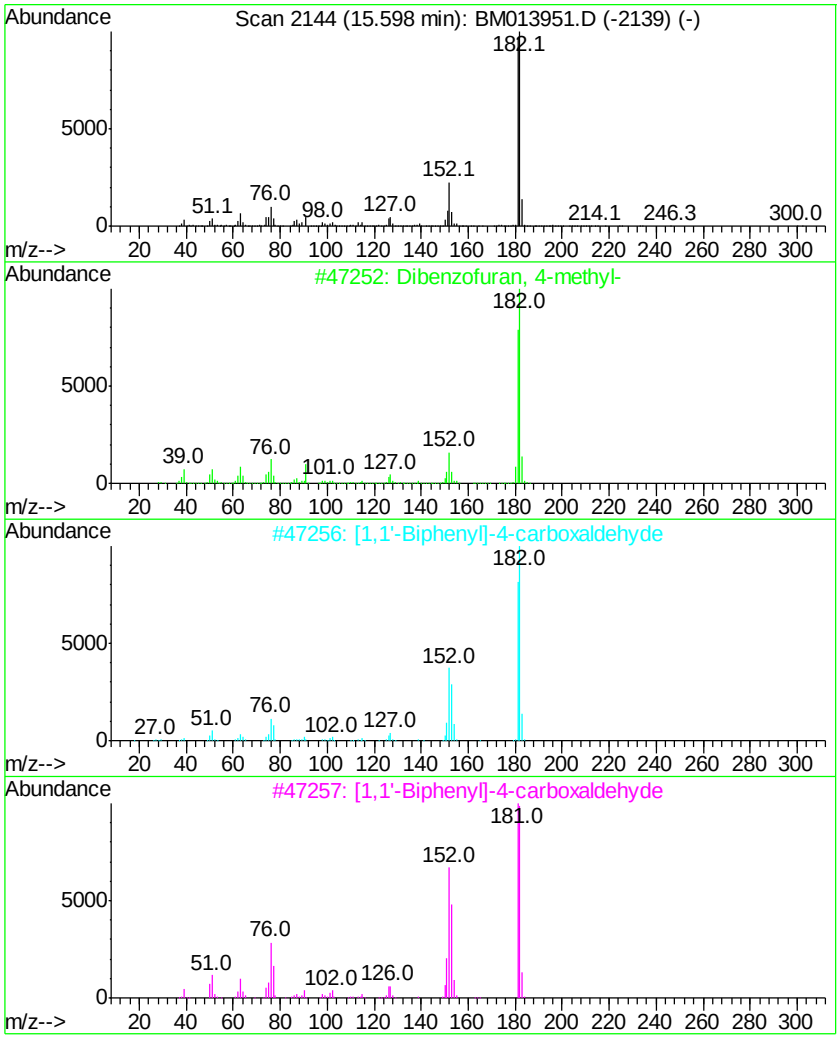
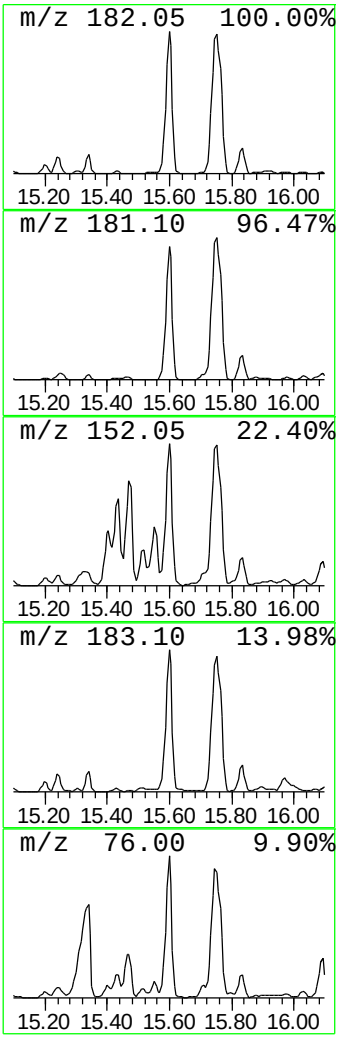
Peak Number 16 Dibenzofuran, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	21.50 ng/ul	23612200	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	72





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Instrument : BNA_M
ClientSampleId : F6B51

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Quant Title : SVOA CALIBRATION

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

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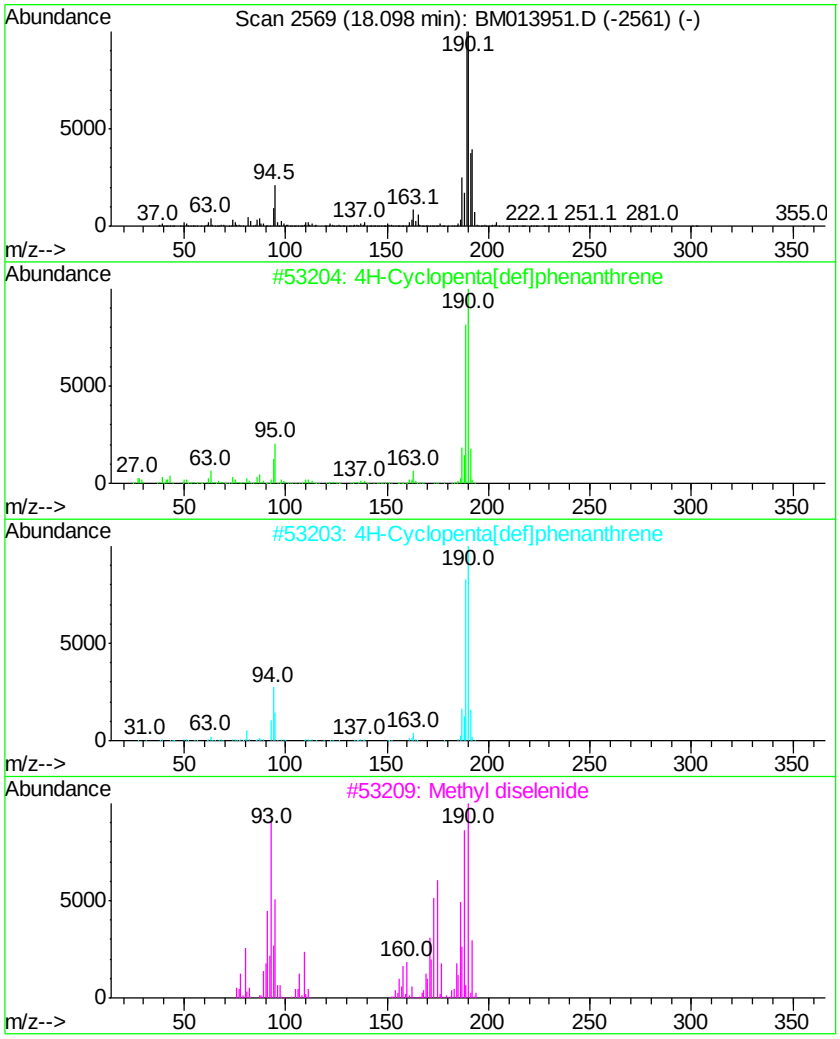
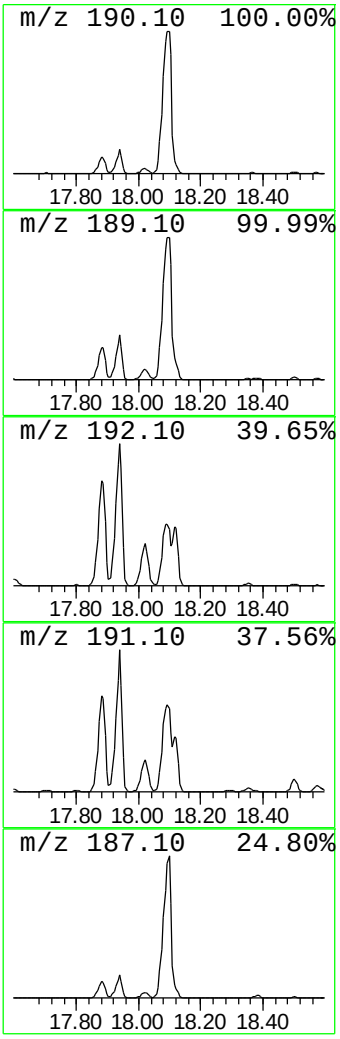
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	3.18 ng/ul	80856700	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	60
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53





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ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B51

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Quant Title : SVOA CALIBRATION

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

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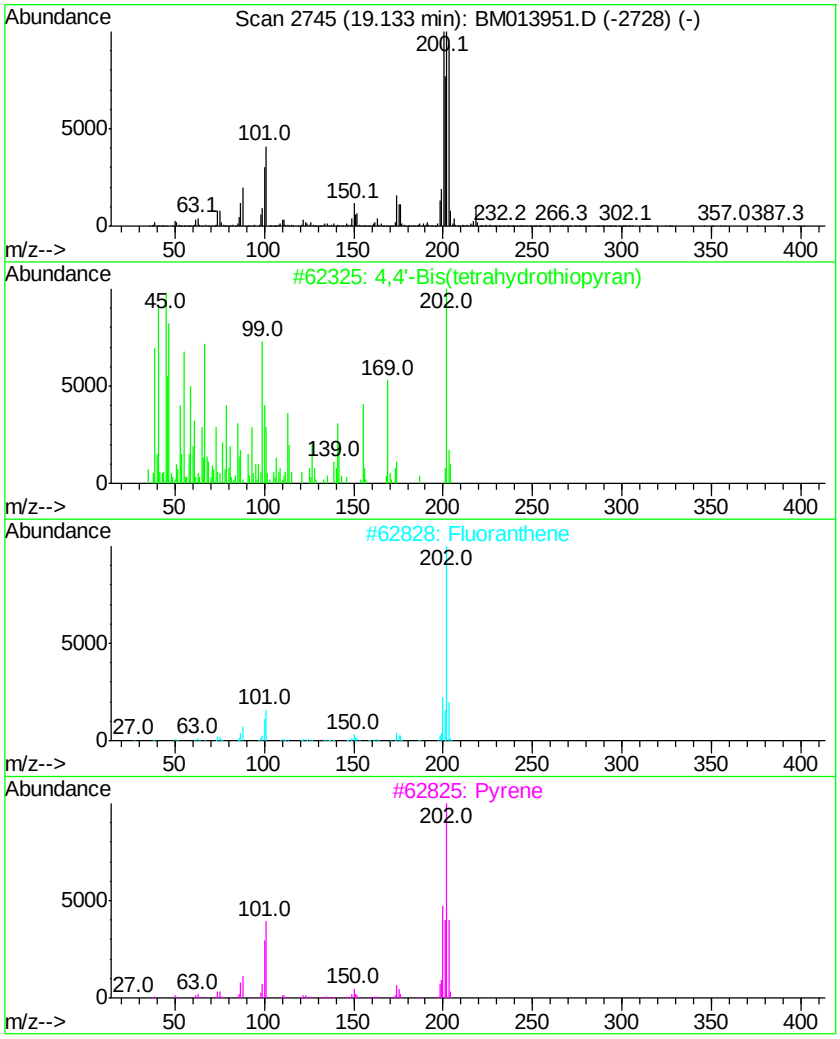
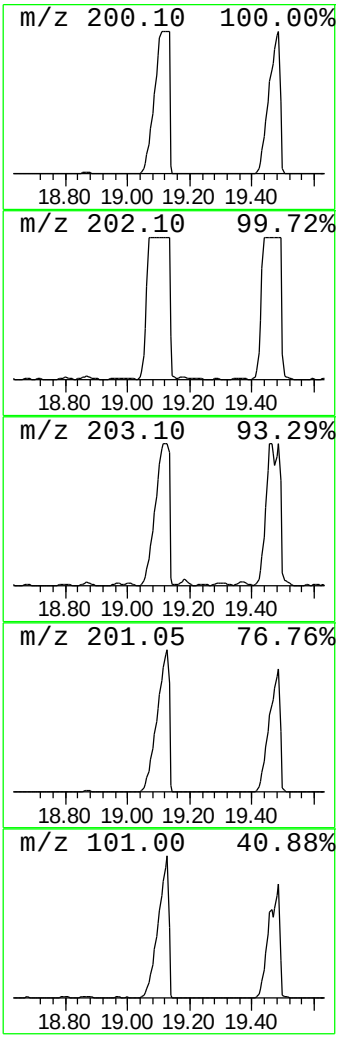
Peak Number 18 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	10.85 ng/ul	276120000	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	56
2	Fluoranthene	202	C16H10	000206-44-0	50
3	Pyrene	202	C16H10	000129-00-0	43
4	Fluoranthene	202	C16H10	000206-44-0	41
5	4-Bromo-1,2-(methylenedioxy)benzene	200	C7H5BrO2	002635-13-4	38





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Quant Title : SVOA CALIBRATION

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

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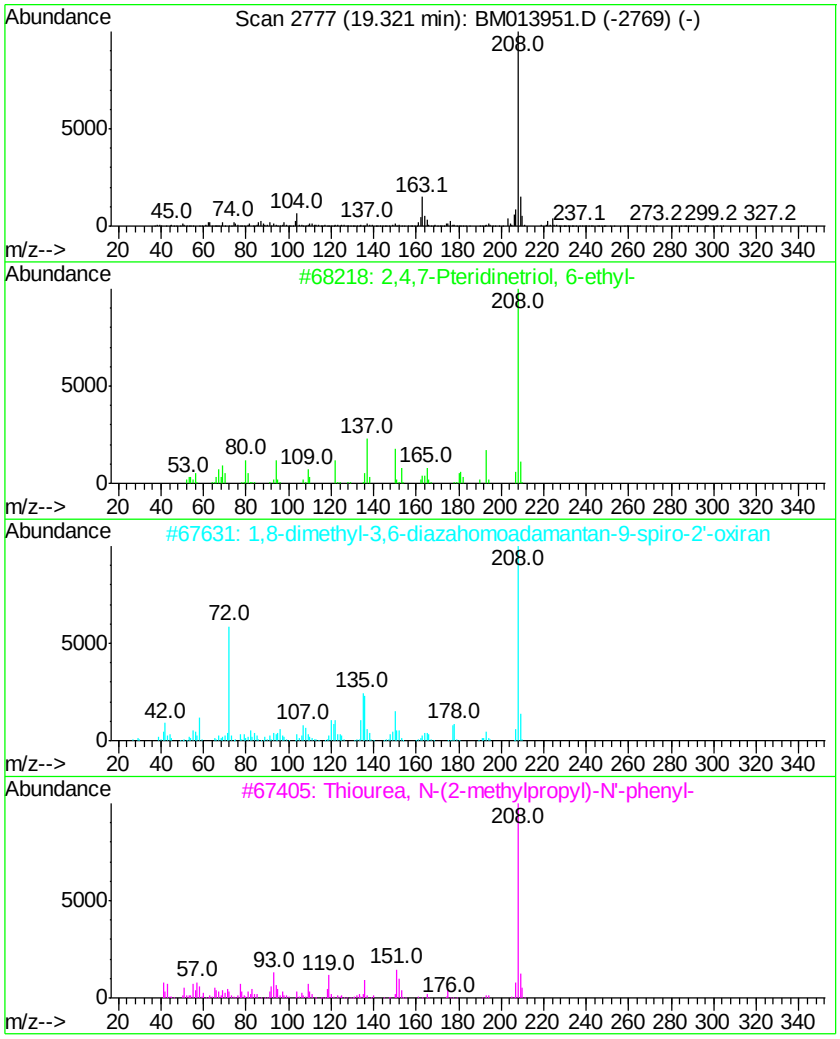
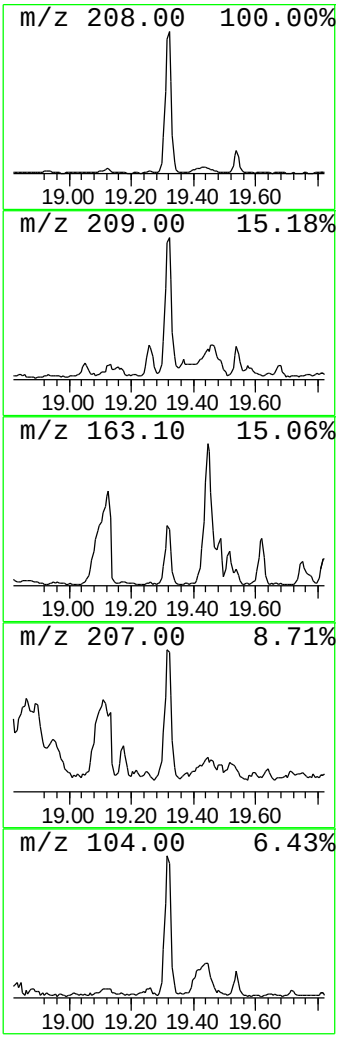
Peak Number 19 2,4,7-Pteridinetriol, 6-ethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.64 ng/ul	7120890	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7-Pteridinetriol, 6-ethyl-	208	C8H8N4O3	031053-47-1	64
2	1,8-dimethyl-3,6-diazahomoadaman...	208	C12H20N2O	160777-78-6	59
3	Thiourea, N-(2-methylpropyl)-N'-...	208	C11H16N2S	016275-53-9	59
4	Phenaleno[1,9-bc]thiophene	208	C14H8S	079965-99-4	59
5	1,10-Phenanthroline, 2,9-dimethyl-	208	C14H12N2	000484-11-7	53





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Quant Title : SVOA CALIBRATION

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

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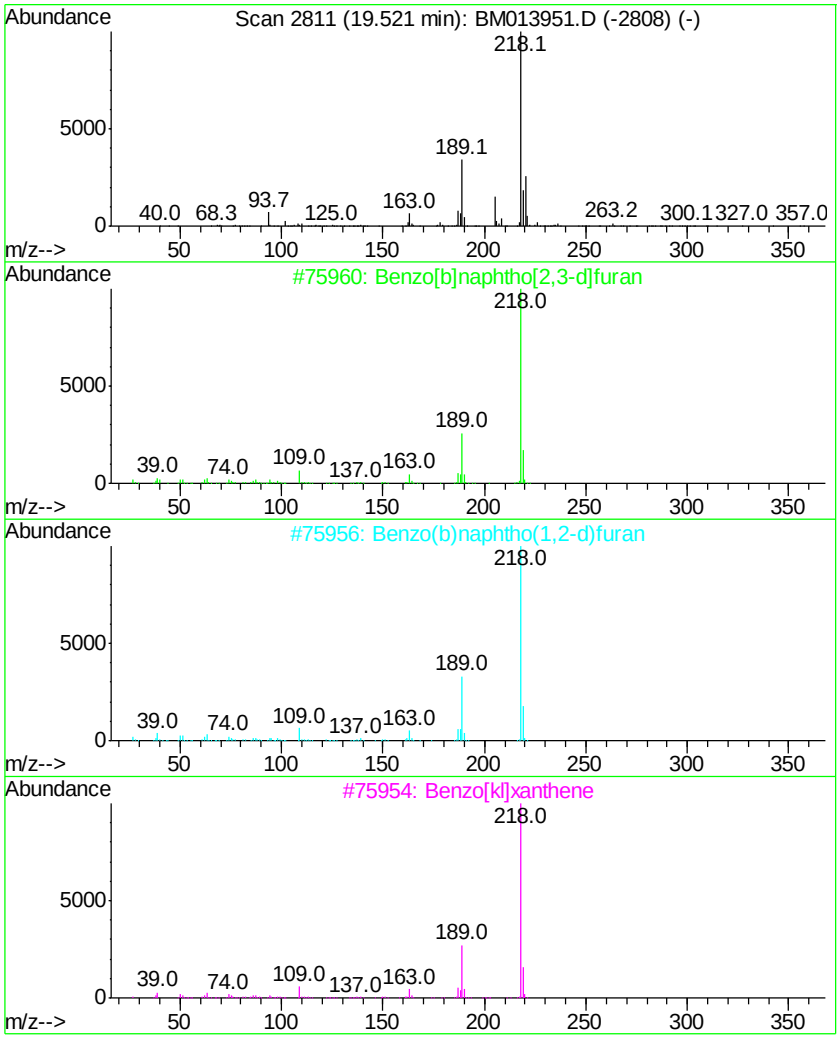
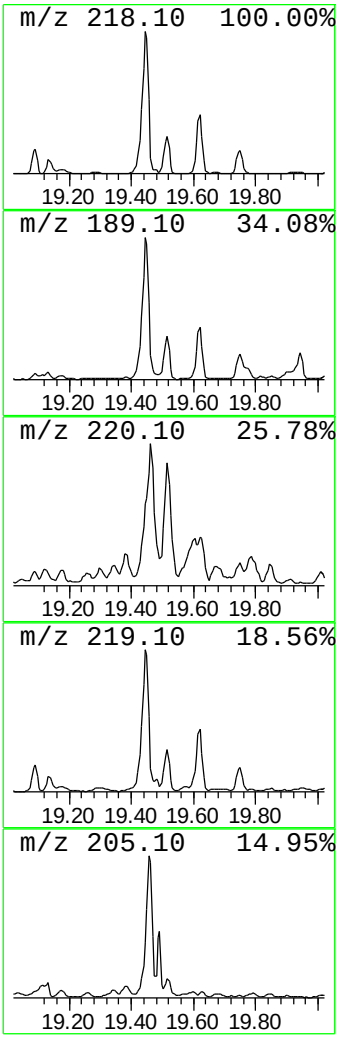
Peak Number 20 Benzo[b]naphtho[2,3-d]furan Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	2.77 ng/ul	7468890	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	91
2	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	91
3	Benzo[kl]xanthene	218	C16H10O	000200-23-7	87
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	87
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	87





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Quant Title : SVOA CALIBRATION

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

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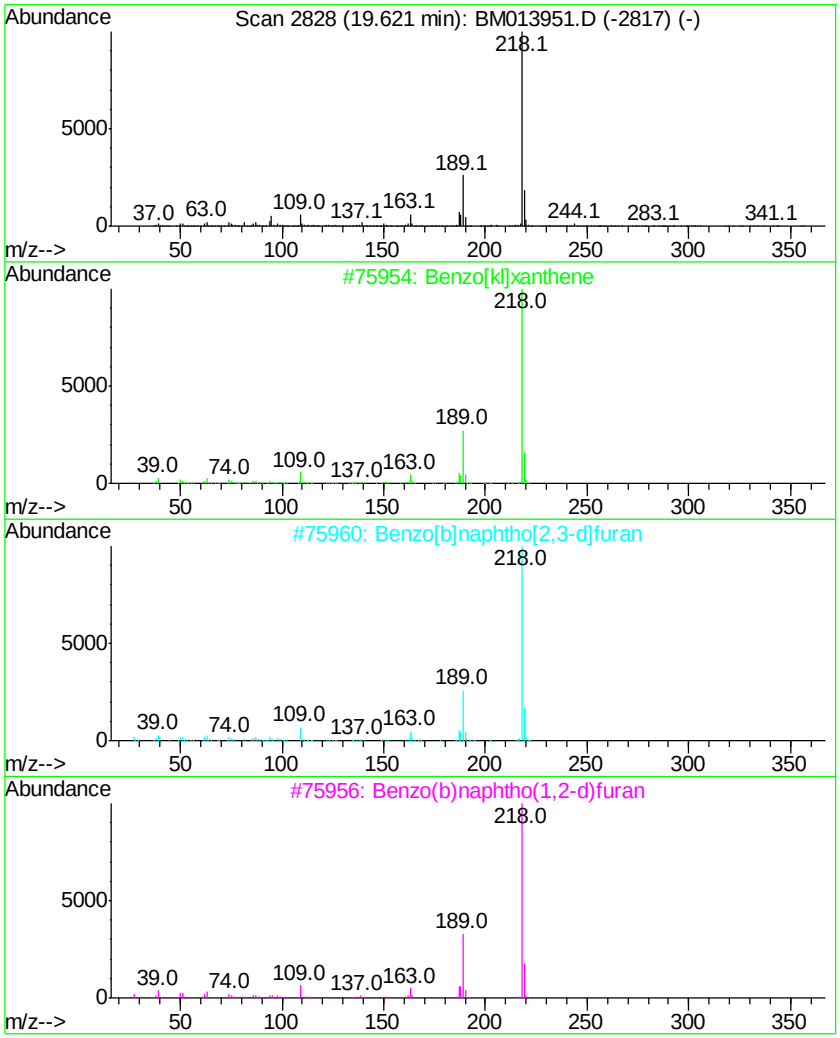
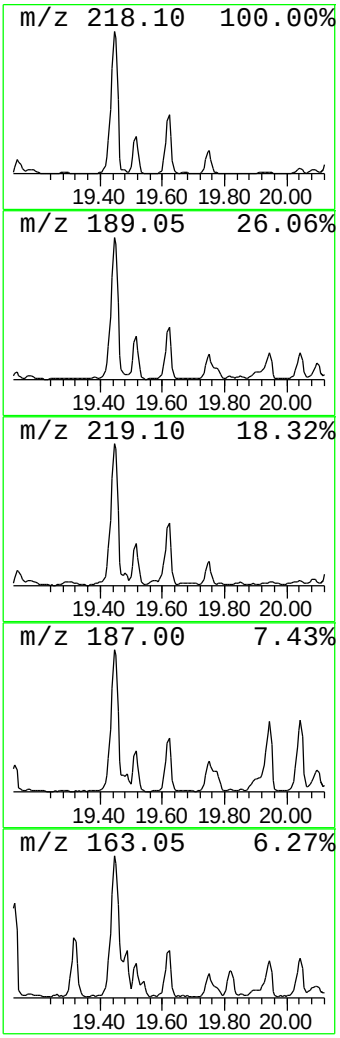
Peak Number 21 Benzo[kl]xanthene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	4.32 ng/ul	11627200	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[kl]xanthene	218	C16H10O	000200-23-7	97
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	97
3	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	96
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	95
5	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	94





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TIC Library : C:\DATABASE\NIST11.L
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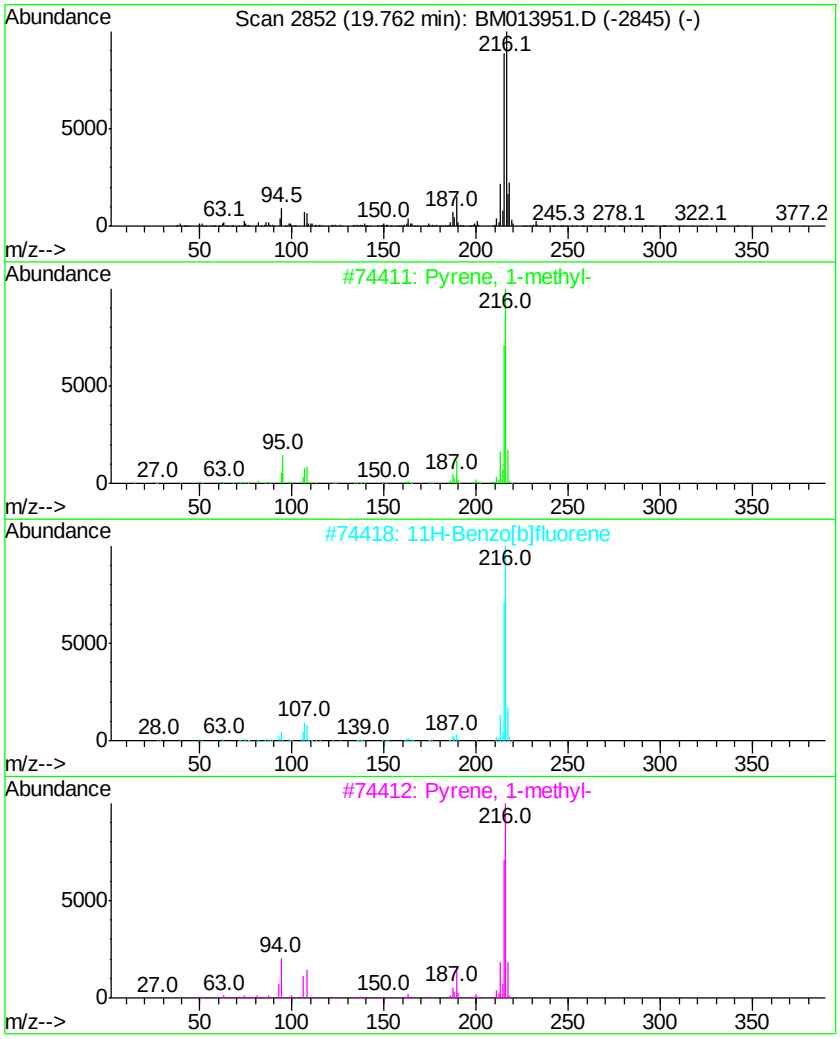
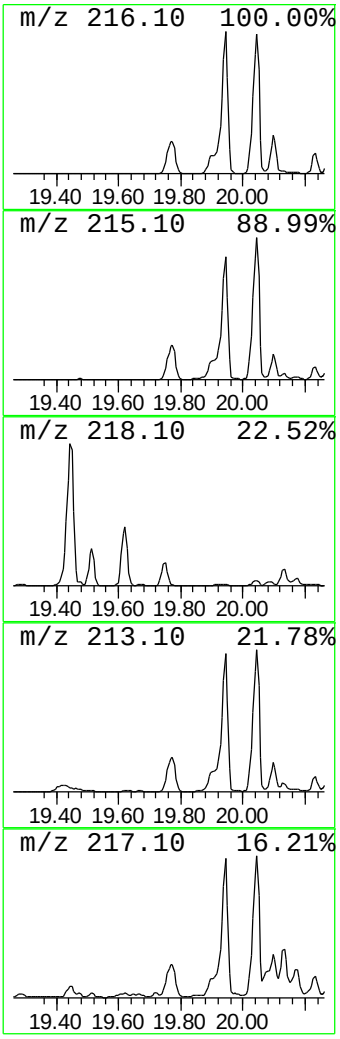
Peak Number 22 Pyrene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.83 ng/ul	7620120	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





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TIC Integration Parameters: LSCINT.P

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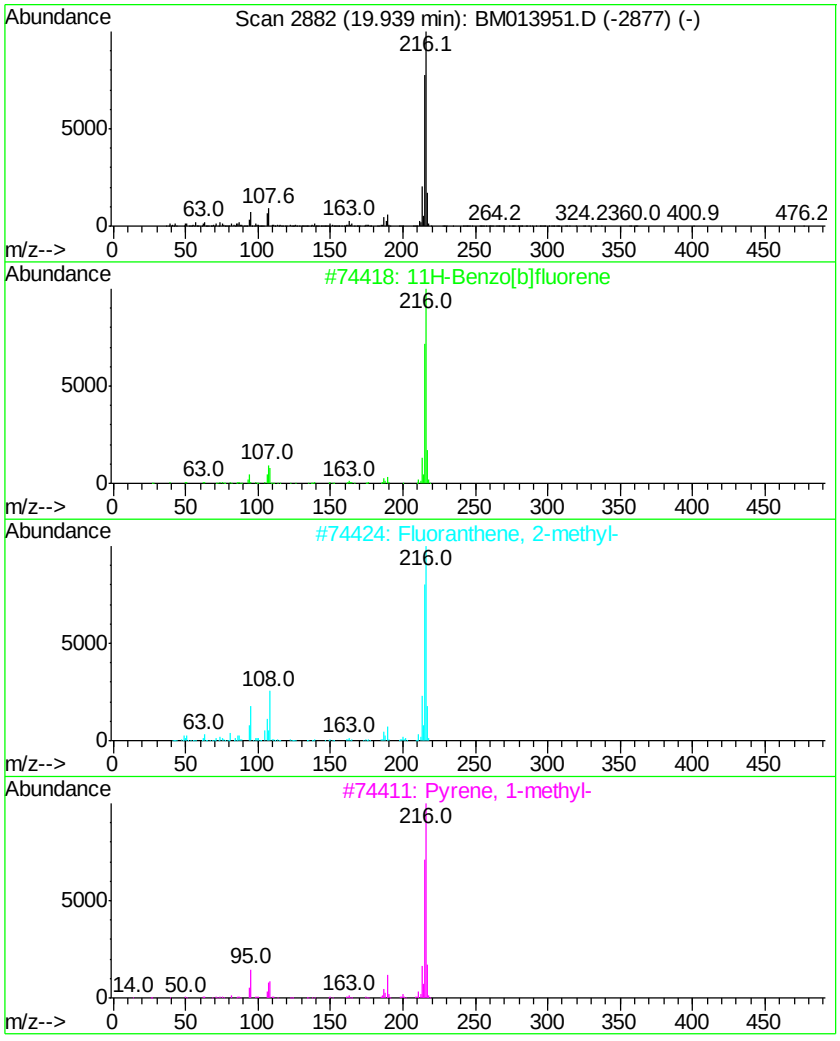
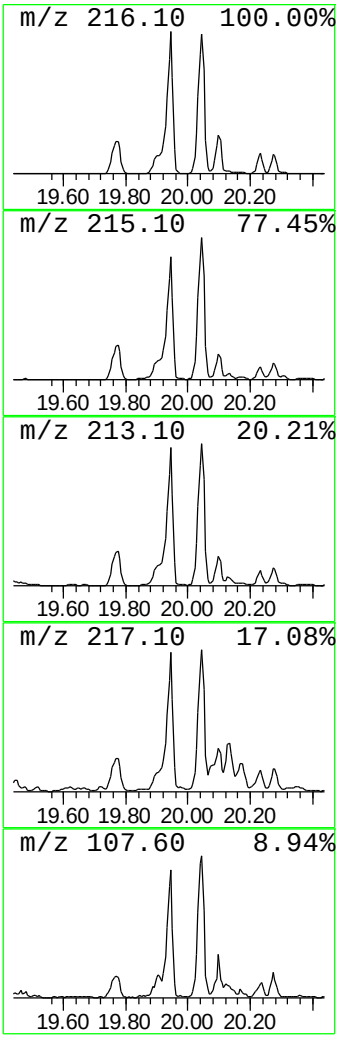
Peak Number 24 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	11.33 ng/ul	30528800	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





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Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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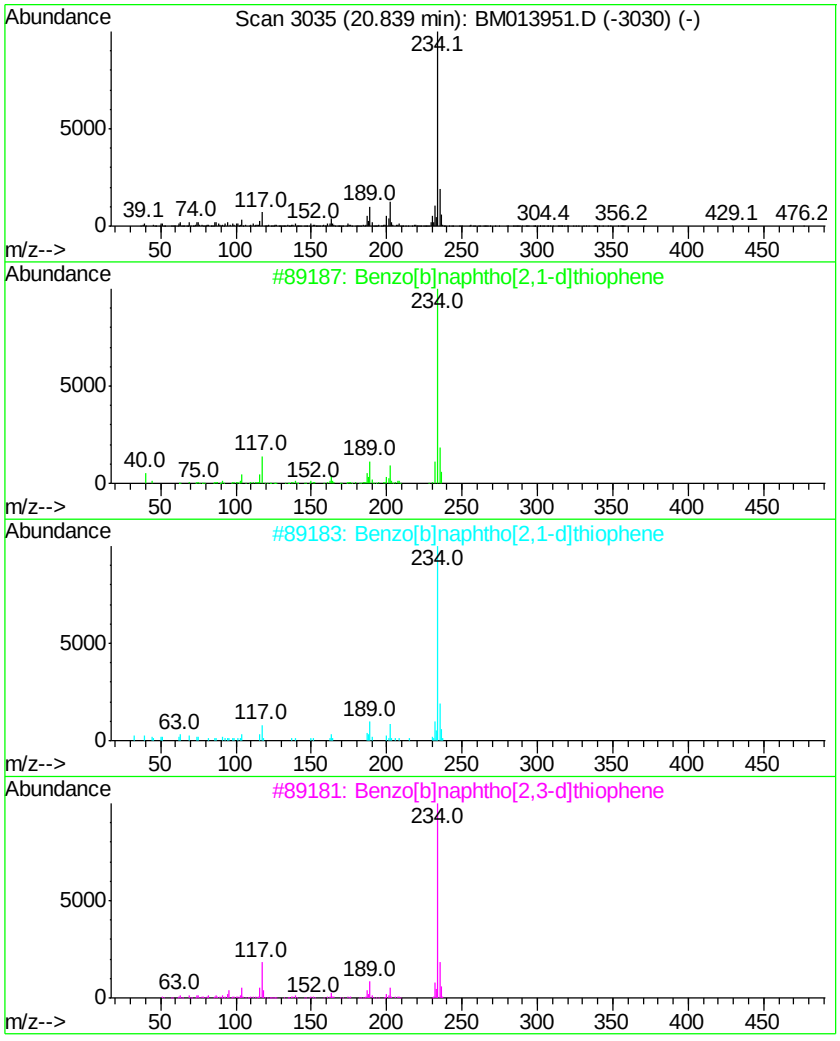
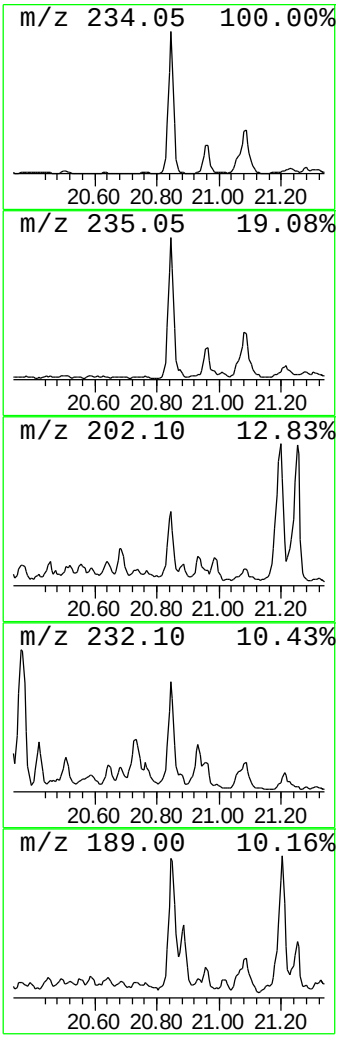
Peak Number 27 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	2.52 ng/ul	6775160	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94





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Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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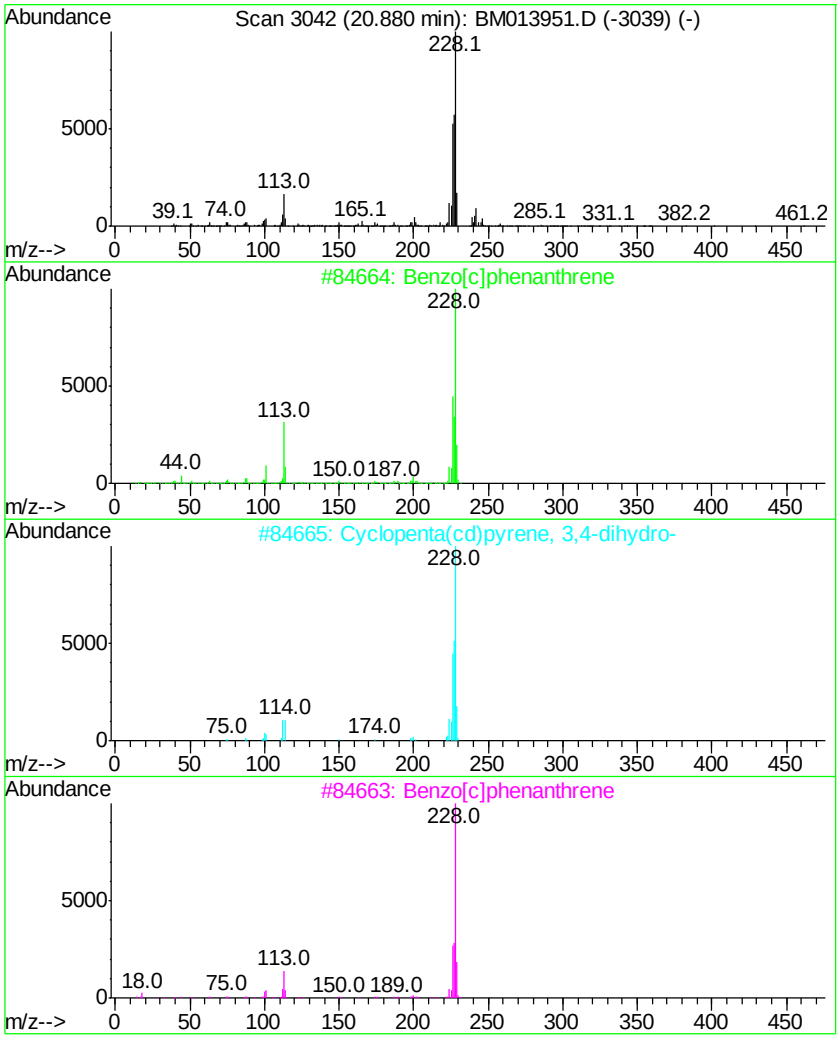
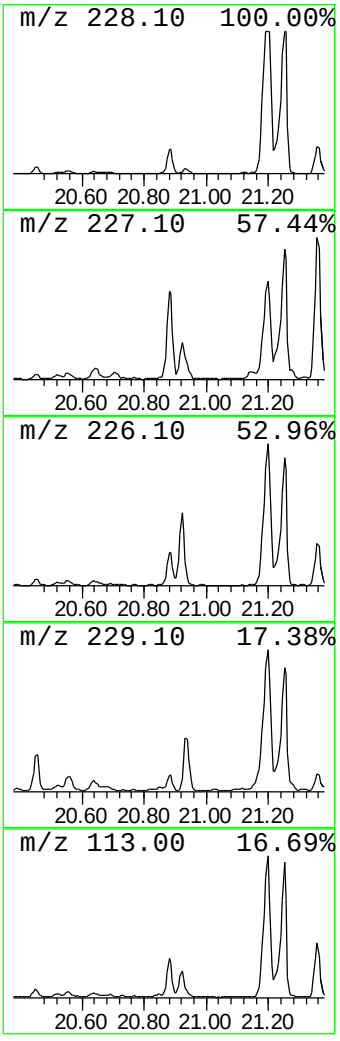
Peak Number 28 Benzo[c]phenanthrene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	2.65 ng/ul	7136800	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	60
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	52
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	52
4	Triphenylene	228	C18H12	000217-59-4	49
5	Chrysene	228	C18H12	000218-01-9	49





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Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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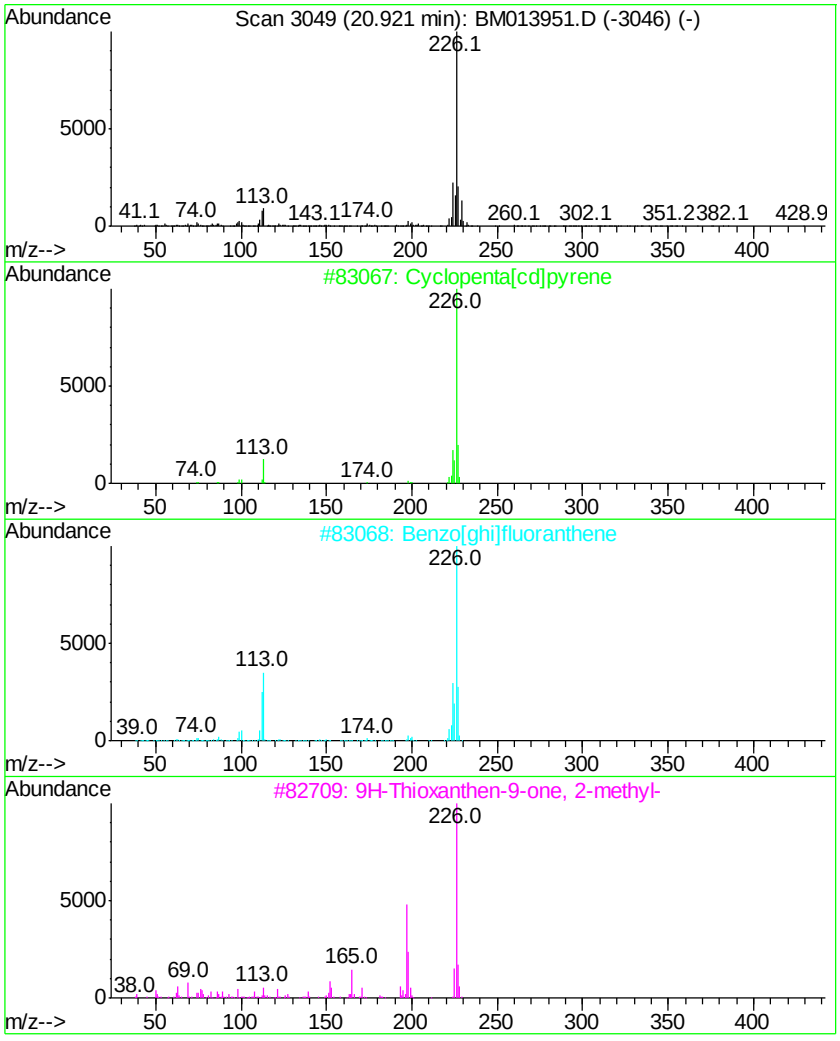
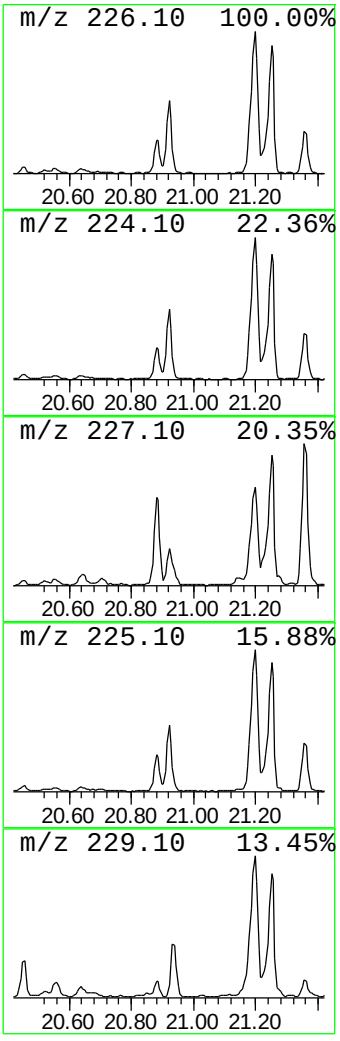
Peak Number 29 Cyclopenta[cd]pyrene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.38 ng/ul	6418850	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	58
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	53
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	42
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	40





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Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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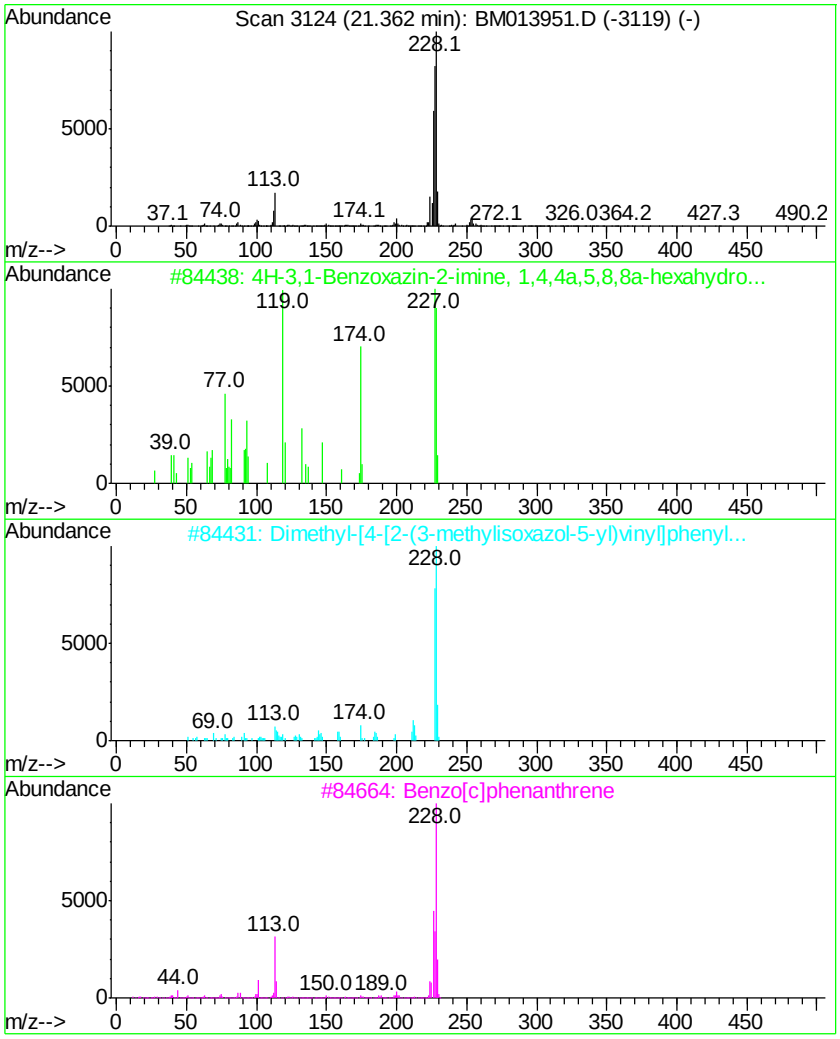
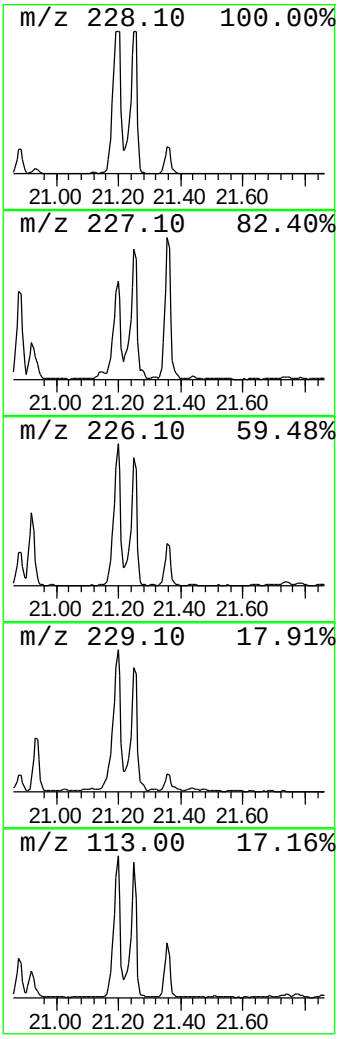
Peak Number 30 4H-3,1-Benzoxazin-2-imine, ... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	3.17 ng/ul	8535620	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-3,1-Benzoxazin-2-imine, 1,4,4...	228	C14H16N2O	1000139-29-1	53
2	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
4	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	50
5	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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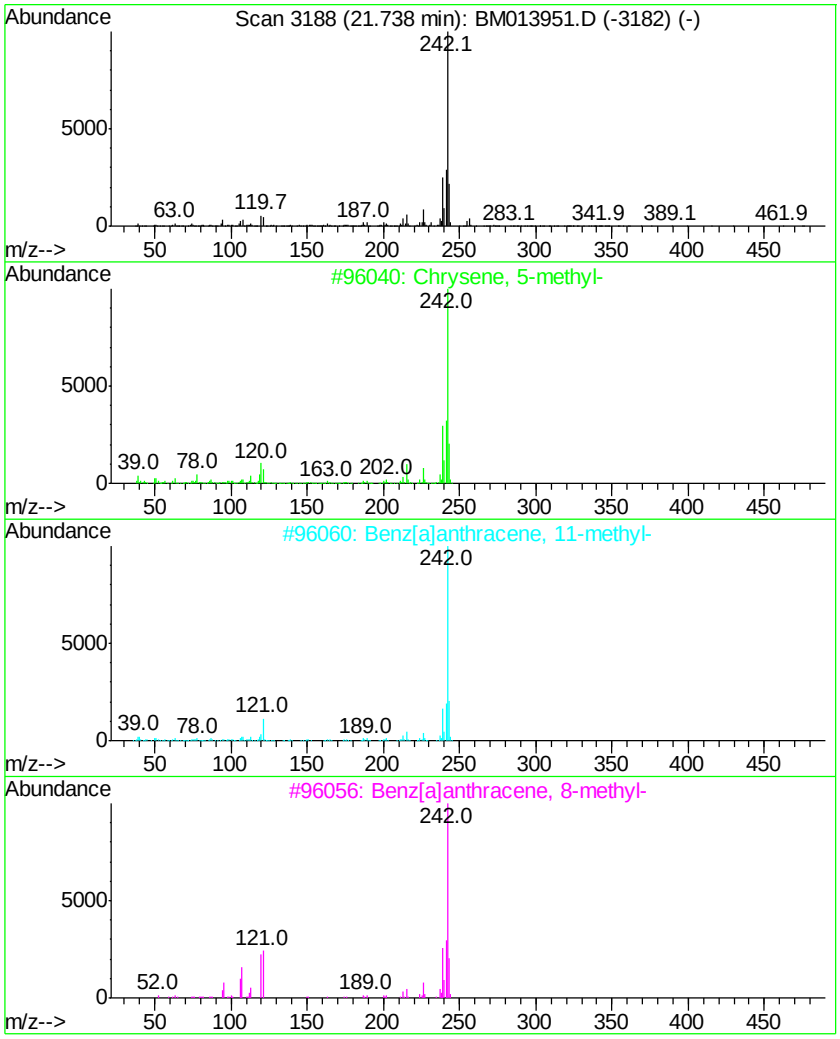
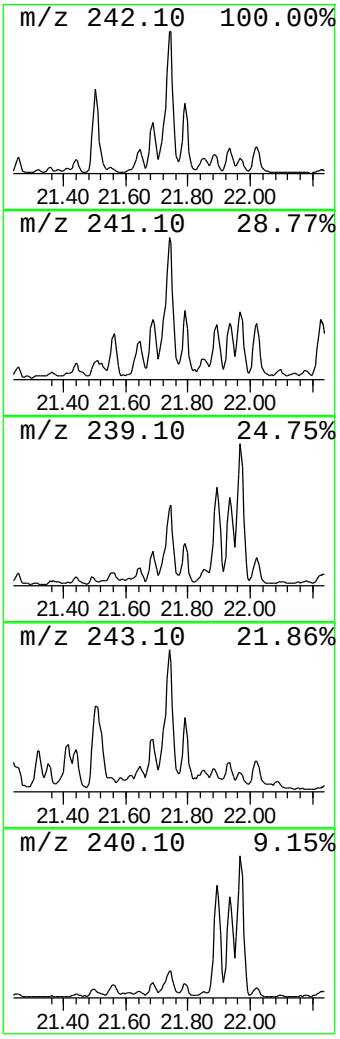
Peak Number 31 Chrysene, 5-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	2.07 ng/ul	5573090	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 5-methyl-	242	C19H14	003697-24-3	96
2	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	95
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95





Tentatively Identified Compound (LSC) summary

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Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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
Benzocycloheptatr...	12.29	10.7	ng/ul	90017100	2	10.36	168570000	20.0
Naphthalene, 1-et...	13.26	16.5	ng/ul	18094300	3	14.25	21967200	20.0
Naphthalene, 2,6-...	13.40	15.9	ng/ul	17449800	3	14.25	21967200	20.0
Naphthalene, 2,3-...	13.56	30.1	ng/ul	33055500	3	14.25	21967200	20.0
Naphthalene, 1,4-...	13.62	17.0	ng/ul	18667700	3	14.25	21967200	20.0
2-Naphthalenecarb...	14.40	5.3	ng/ul	5847660	3	14.25	21967200	20.0
Naphthalene, 1,6,...	14.86	5.5	ng/ul	6067490	3	14.25	21967200	20.0
1-Isopropenylnaph...	15.40	6.5	ng/ul	7121800	3	14.25	21967200	20.0
Fluorene, 2,4a-di...	15.47	20.0	ng/ul	21935700	3	14.25	21967200	20.0
Benzene, [1-(2,4-...	15.51	4.9	ng/ul	5350630	3	14.25	21967200	20.0
1,1'-Biphenyl, 4-...	15.55	9.1	ng/ul	9992870	3	14.25	21967200	20.0
Dibenzofuran, 4-m...	15.60	21.5	ng/ul	23612200	3	14.25	21967200	20.0
4H-Cyclopenta[def...	18.10	3.2	ng/ul	80856700	4	17.05	508930000	20.0
4,4'-Bis(tetrahyd...	19.13	10.9	ng/ul	276120000	4	17.05	508930000	20.0
2,4,7-Pteridinetr...	19.32	2.6	ng/ul	7120890	5	21.21	53873600	20.0
Benzo[b]naphtho[2...	19.52	2.8	ng/ul	7468890	5	21.21	53873600	20.0
Benzo[kl]xanthene	19.62	4.3	ng/ul	11627200	5	21.21	53873600	20.0
Pyrene, 1-methyl-	19.76	2.8	ng/ul	7620120	5	21.21	53873600	20.0
11H-Benzo[b]fluorene	19.94	11.3	ng/ul	30528800	5	21.21	53873600	20.0
Benzo[b]naphtho[2...	20.84	2.5	ng/ul	6775160	5	21.21	53873600	20.0
Benzo[c]phenanthrene	20.88	2.6	ng/ul	7136800	5	21.21	53873600	20.0
Cyclopenta[cd]pyrene	20.92	2.4	ng/ul	6418850	5	21.21	53873600	20.0
4H-3,1-Benzoxazin...	21.36	3.2	ng/ul	8535620	5	21.21	53873600	20.0
Chrysene, 5-methyl-	21.74	2.1	ng/ul	5573090	5	21.21	53873600	20.0