LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014825.D
Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.640	734	740	753	rVB	276326	521642	1.46%	0.278%
2	8.522	885	890	897	rVB	1542404	2480980	6.96%	1.323%
3	10.428	1202	1214	1218	rBV2	290167	585166	1.64%	0.312%
4	10.539	1228	1233	1240	rBV2	252170	462711	1.30%	0.247%
5	10.692	1251	1259	1265	rBV2	199188	399367	1.12%	0.213%
6	11.045	1313	1319	1327	rVB	224759	376352	1.06%	0.201%
7	11.369	1365	1374	1380	rBV	2231935	3960313	11.11%	2.112%
8	11.486	1387	1394	1401	rVB2	226679	416505	1.17%	0.222%
9	14.163	1838	1849	1858	rVB	308325	550612	1.55%	0.294%
10	14.292	1864	1871	1872	rBV	486592	654131	1.84%	0.349%
11	14.451	1888	1898	1903	rBV	630526	1105084	3.10%	0.589%
12	14.510	1903	1908	1913	rVB2	619534	1001012	2.81%	0.534%
13	14.680	1932	1937	1941	rBV	305968	479159	1.34%	0.255%
14	14.827	1955	1962	1973	rBV4	356280	854616	2.40%	0.456%
15	15.080	1996	2005	2008	rBV	527247	769180	2.16%	0.410%
16	15.127	2008	2013	2018	rVV2	3367671	5133449	14.40%	2.737%
17	15.186	2018	2023	2030	rVB	1909265	2952979	8.29%	1.574%
18	15.316	2041	2045	2054	rVB2	175252	400266	1.12%	0.213%
19	15.427	2054	2064	2068	rBV2	256747	505350	1.42%	0.269%
20	15.516	2072	2079	2085	rVV	1948665	3014529	8.46%	1.607%
21	15.580	2085	2090	2099	rVV	265149	415351	1.17%	0.221%
22	15.892	2135	2143	2146	rBV	159617	368920	1.04%	0.197%
23	16.098	2174	2178	2182	rBV	480030	667675	1.87%	0.356%
24	16.157	2182	2188	2194	rVB	4620827	6790915	19.06%	3.621%
25	16.315	2211	2215	2220	rVB3	823954	1195524	3.35%	0.637%
26	16.404	2226	2230	2233	rBV	397555	596732	1.67%	0.318%
27	16.439	2233	2236	2244	rVB	1007640	1412581	3.96%	0.753%
28	16.586	2254	2261	2269	rBV	1045149	2057834	5.77%	1.097%
29	16.786	2287	2295	2309	rVB3	137150	357890	1.00%	0.191%
30	16.939	2316	2321	2326	rBV	350066	496894	1.39%	0.265%
31	17.145	2344	2356	2360	rBV2	646389	1357048	3.81%	0.724%
32	17.292	2375	2381	2386	rVB3	249943	450459	1.26%	0.240%
33	17.362	2386	2393	2396	rBV3	220428	467649	1.31%	0.249%
34	17.557	2421	2426	2431	rBV	223029	421392	1.18%	0.225%

LSC Area Percent Report

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Data File : BM014825.D
Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	17.657	2438	2443	2455	rVB	1680994	2598678	7.29%	1.386%
36	17.839	2467	2474	2477	rBV	4144628	6338591	17.79%	3.380%
37	17.886	2477	2482	2487	rVV	24169369	35638269	100.00%	19.002%
38	17.939	2487	2491	2492	rVV	572577	762837	2.14%	0.407%
39	17.968	2492	2496	2502	rVV	3383084	5012075	14.06%	2.672%
40	18.021	2502	2505	2514	rVB	367321	596638	1.67%	0.318%
41	18.339	2555	2559	2566	rBV	280522	382013	1.07%	0.204%
42	18.692	2604	2619	2623	rBV	1406138	2211828	6.21%	1.179%
43	18.739	2623	2627	2634	rVB	1821769	2405579	6.75%	1.283%
44	18.821	2634	2641	2646	rBV	561244	848360	2.38%	0.452%
45	18.892	2646	2653	2657	rBV	2975821	4956773	13.91%	2.643%
46	19.174	2695	2701	2705	rBV	1056539	1462039	4.10%	0.780%
47	19.580	2764	2770	2774	rBV	292201	540178	1.52%	0.288%
48	19.645	2778	2781	2788	rVB2	230907	463119	1.30%	0.247%
49	19.845	2808	2815	2821	rBV	14095229	18878423	52.97%	10.066%
50	20.086	2848	2856	2863	rVB2	388884	704883	1.98%	0.376%
51	20.168	2863	2870	2872	rBV2	2493265	4252710	11.93%	2.267%
52	20.203	2872	2876	2882	rVV	8814651	12586854	35.32%	6.711%
53	20.256	2882	2885	2893	rVB2	379733	586220	1.64%	0.313%
54	20.368	2899	2904	2909	rBV	533509	693889	1.95%	0.370%
55	20.503	2921	2927	2934	rBV3	429687	1034166	2.90%	0.551%
56	20.674	2944	2956	2961	rBV	1537444	2498126	7.01%	1.332%
57	20.768	2967	2972	2976	rBV	1688091	2364120	6.63%	1.261%
58	20.833	2980	2983	2986	rVB	404599	491282	1.38%	0.262%
59	21.356	3069	3072	3077	rBV	302830	388815	1.09%	0.207%
60	21.568	3104	3108	3111	rBV	482352	710781	1.99%	0.379%
61	21.603	3111	3114	3117	rVB	479593	562942	1.58%	0.300%
62	21.645	3117	3121	3125	rBV2	491394	671253	1.88%	0.358%
63	21.786	3141	3145	3153	rBV	2121499	2710435	7.61%	1.445%
64	21.921	3161	3168	3172	rBV2	6356446	12885809	36.16%	6.871%
65	21.962	3172	3175	3184	rVB	2685932	3543187	9.94%	1.889%
66	22.092	3193	3197	3202	rBV	494517	716961	2.01%	0.382%
67	22.256	3221	3225	3231	rBV	406760	604573	1.70%	0.322%
68	23.650	3456	3462	3468	rBV	1019072	2719101	7.63%	1.450%
69	24.191	3550	3554	3560	rBV2	417569	842703	2.36%	0.449%
70	24.303	3568	3573	3581	rVB	855926	1671231	4.69%	0.891%
71	24.415	3584	3592	3598	rBV2	3510846	7534989	21.14%	4.018%

LSC Area Percent Report

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Data File : BM014825.D
Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Sum of corrected areas: 187550697

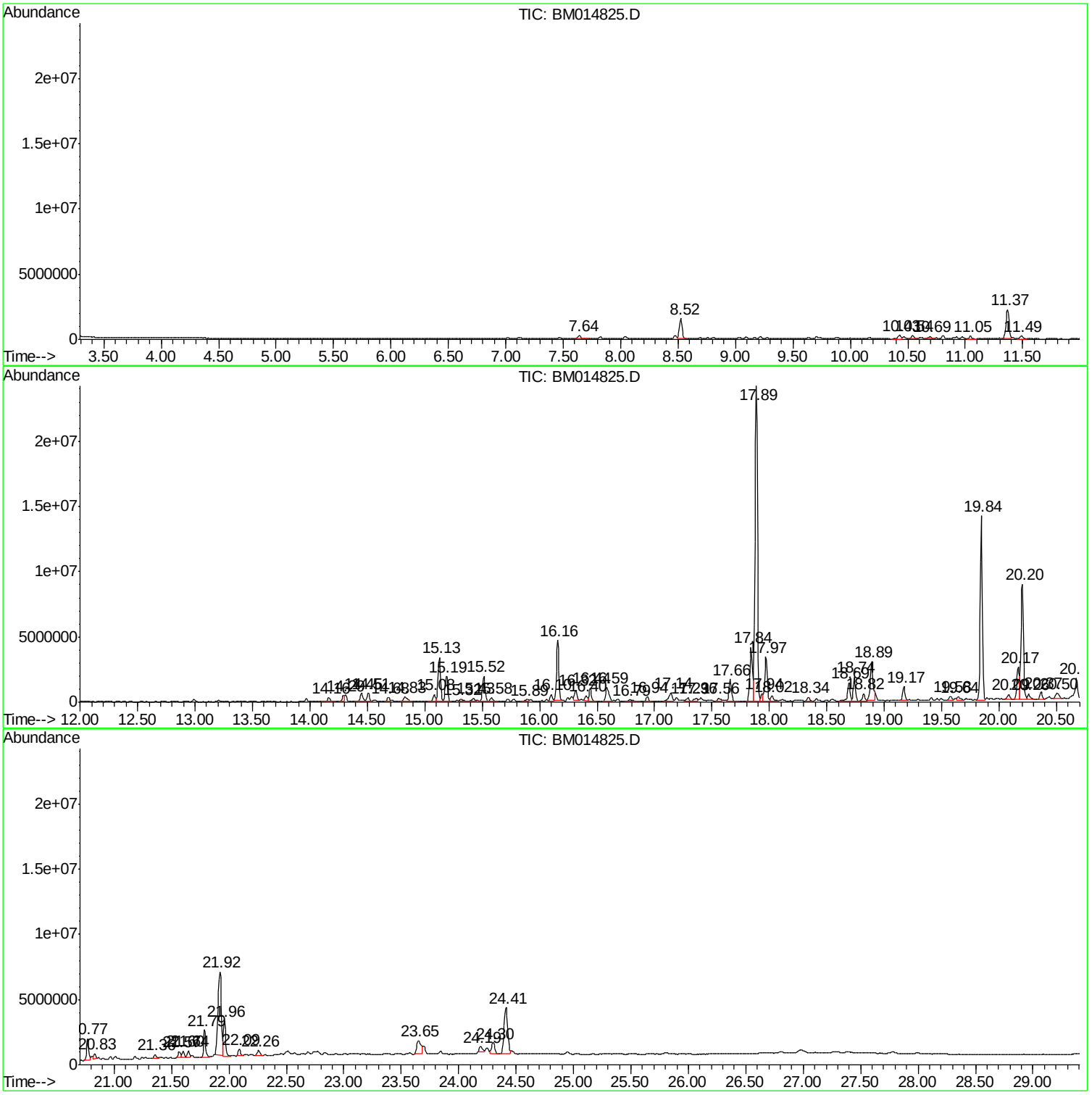
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014825.D
Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

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

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014825.D
Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

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

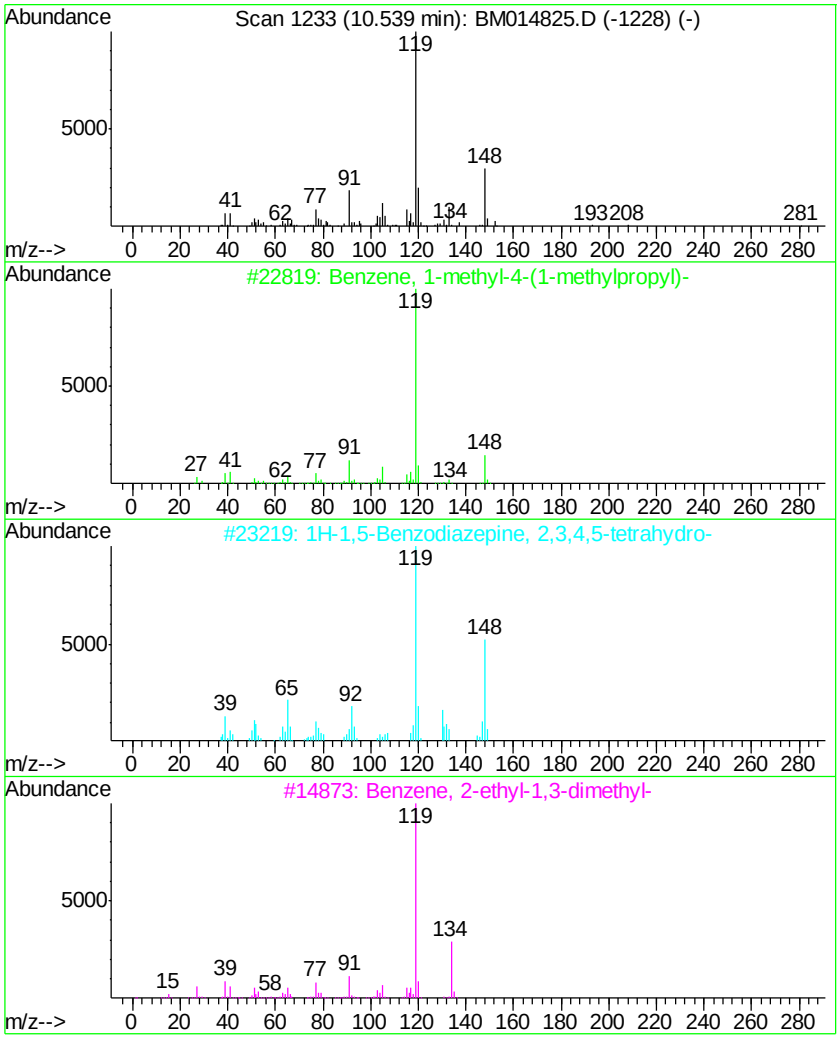
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

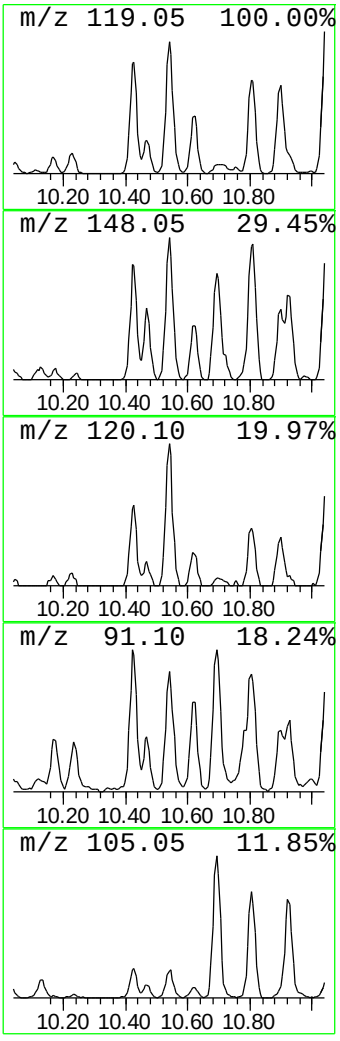
****

Peak Number 1 Benzene, 1-methyl-4-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	2.34 ng/ul	462711	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	81
2	1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	72
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
4	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	64
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014825.D
Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

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

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

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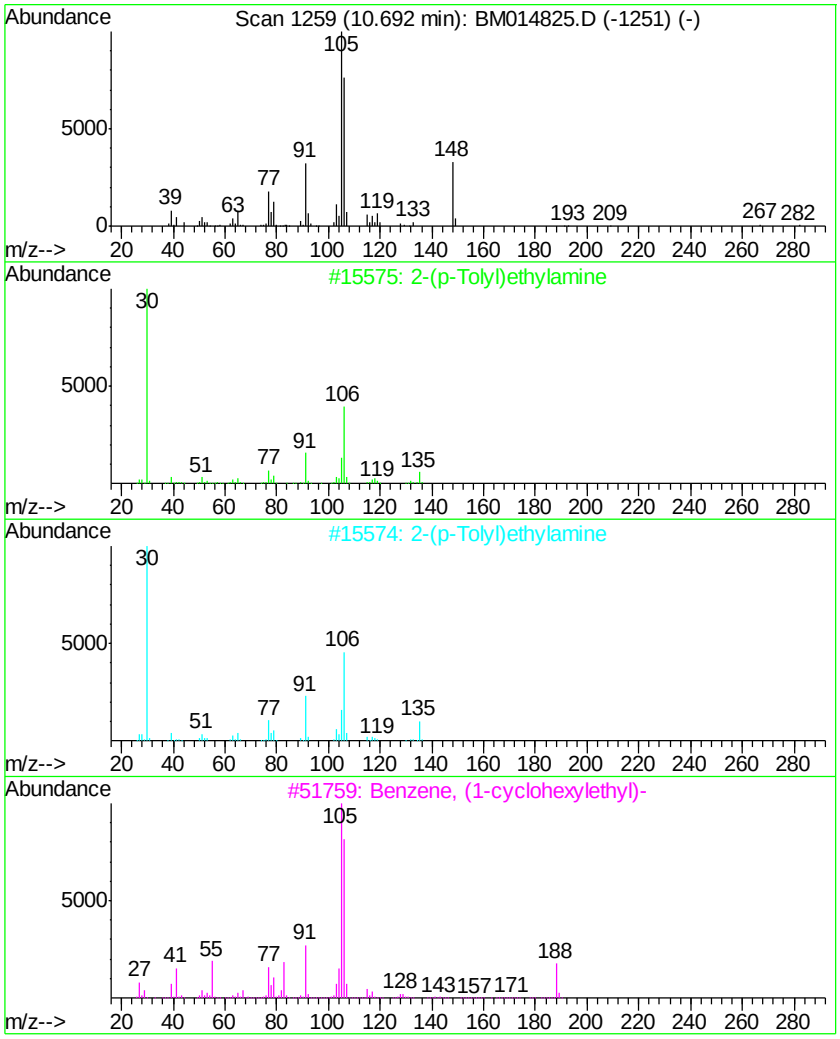
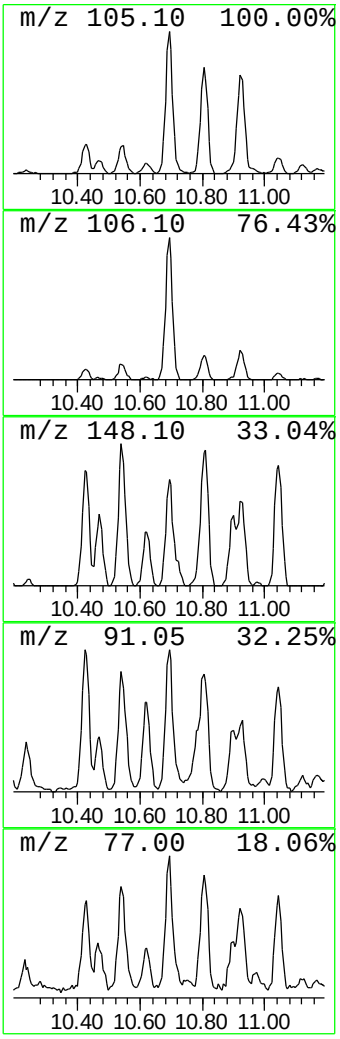
Peak Number 2 2-(p-Tolyl)ethylamine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	2.02 ng/ul	399367	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	64
2	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	64
3	Benzene, (1-cyclohexylethyl)-	188	C14H20	004413-16-5	59
4	Acetamide, N-(phenylmethyl)-	149	C9H11NO	000588-46-5	47
5	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	45





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014825.D
Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

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

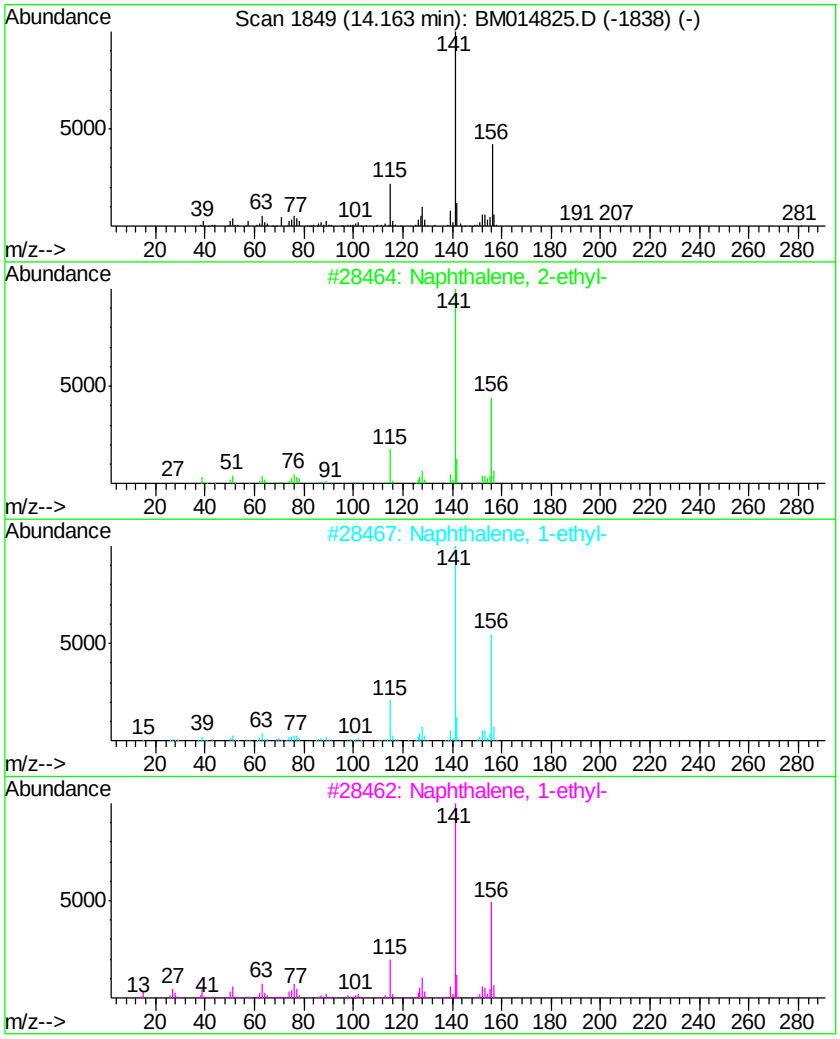
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

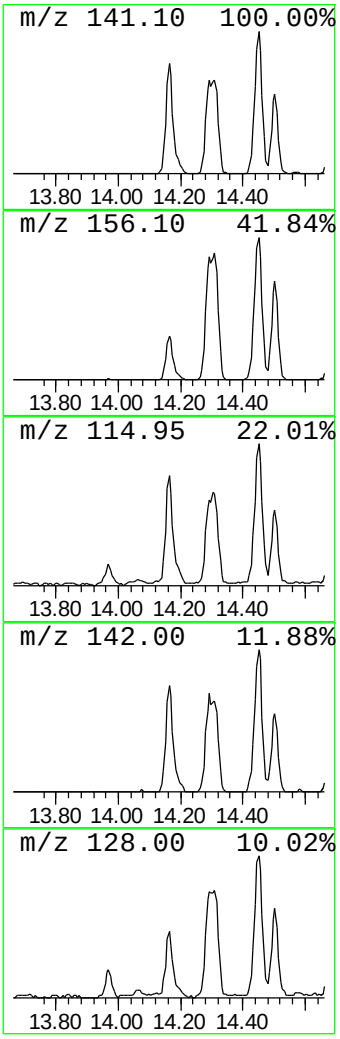
****

Peak Number 3 Naphthalene, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.15 ng/ul	550612	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014825.D
Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

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

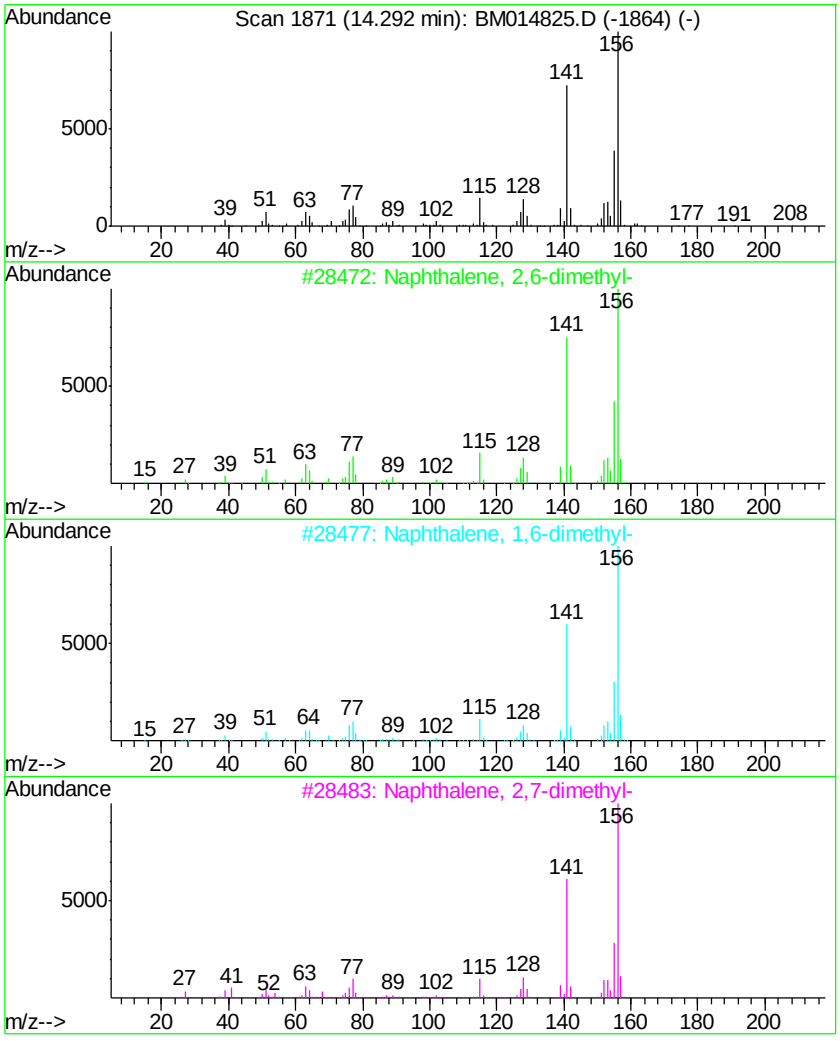
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

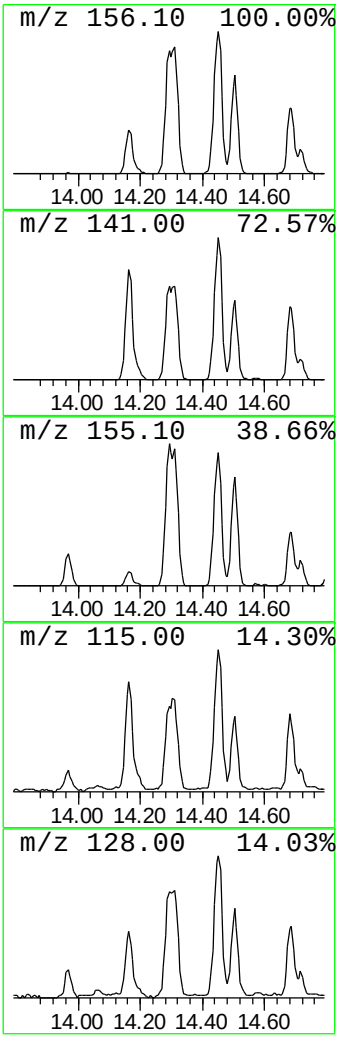
****

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	2.55 ng/ul	654131	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014825.D
Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

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

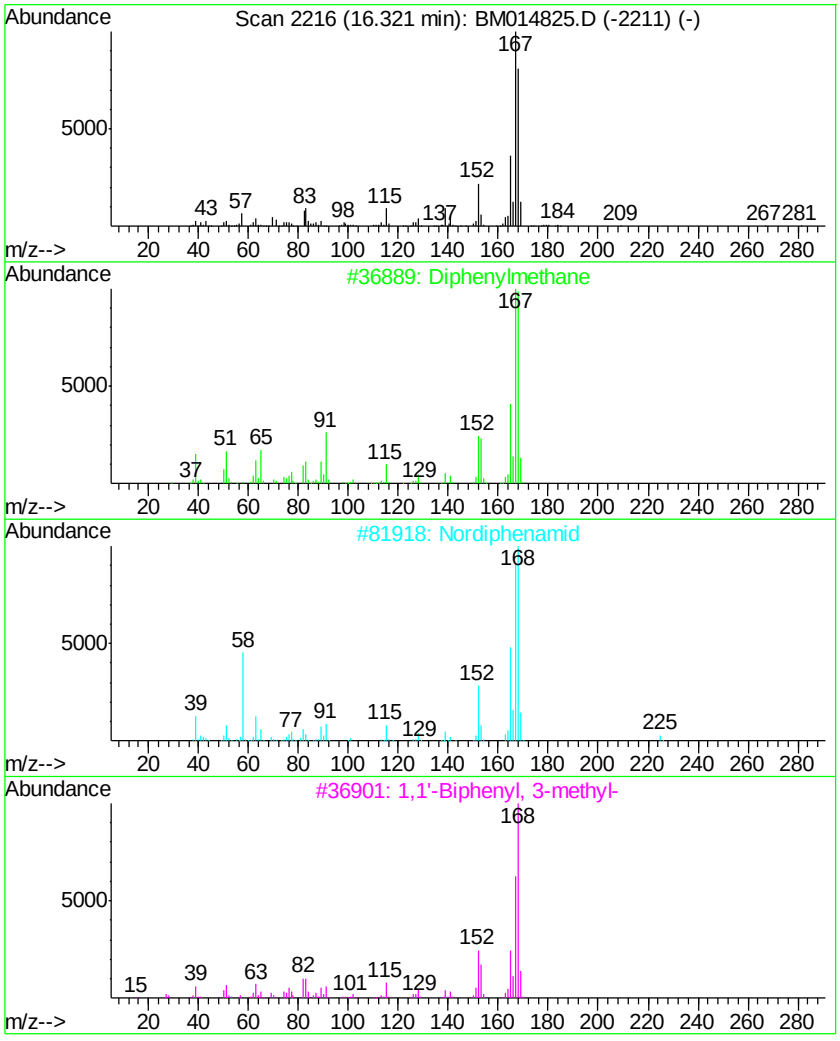
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

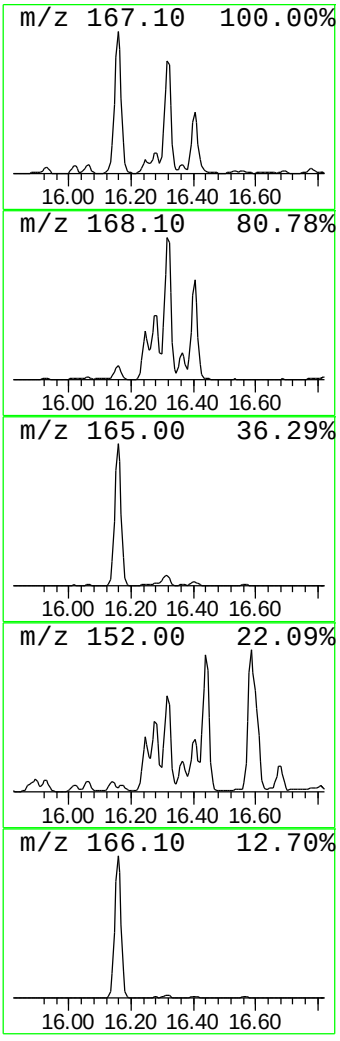
****

Peak Number 6 Diphenylmethane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	4.66 ng/ul	1195520	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	90
2	Nordiphenamid	225	C15H15NO	000954-21-2	83
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	78
4	Diphenylmethane	168	C13H12	000101-81-5	74
5	Nordiphenamid	225	C15H15NO	000954-21-2	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014825.D
Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

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

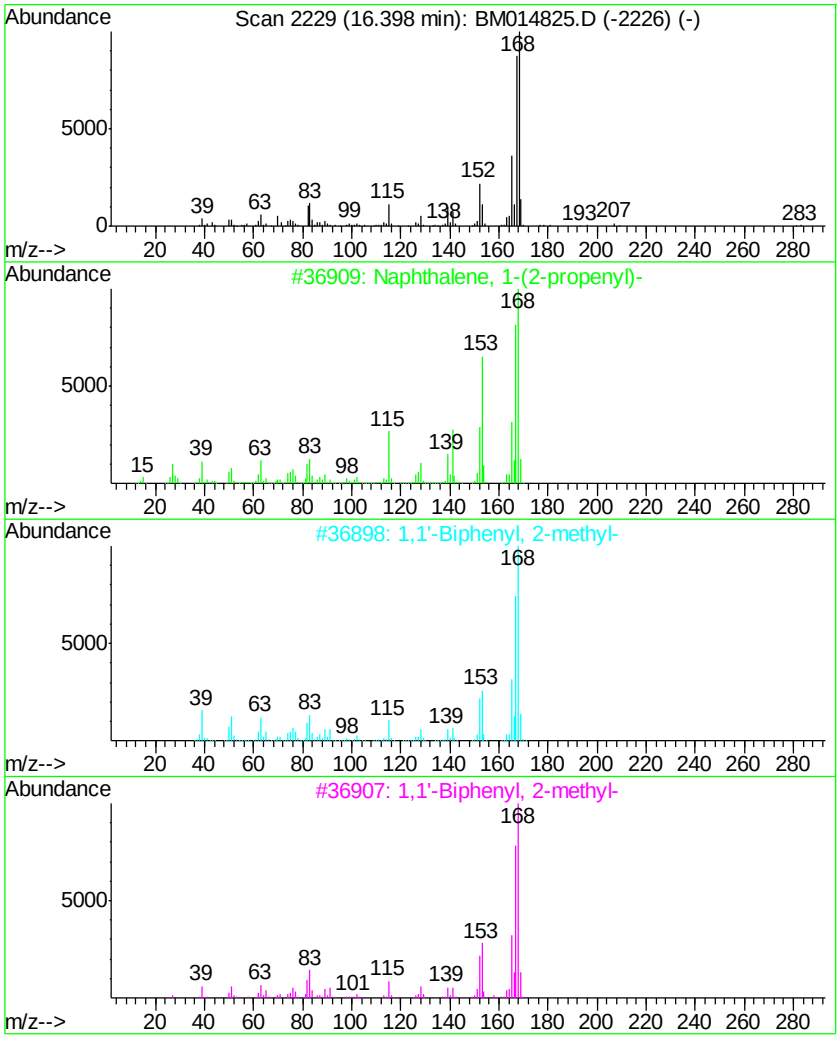
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

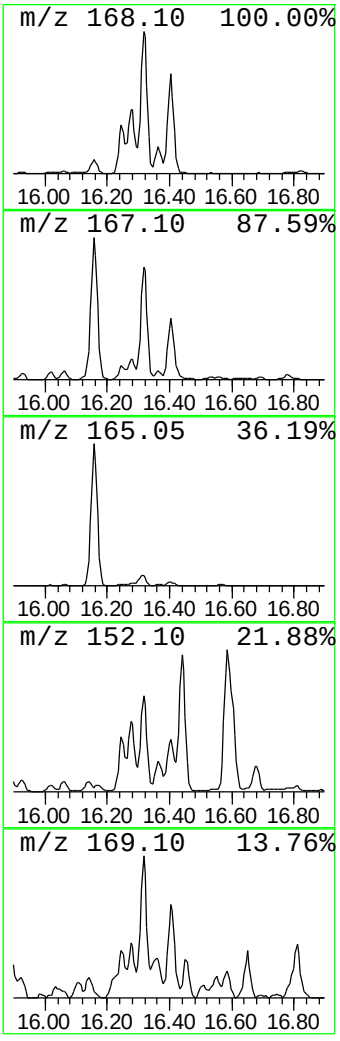
****

Peak Number 7 Naphthalene, 1-(2-propenyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	2.32 ng/ul	596732	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	90
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	90
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	89
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	89
5	Diphenylmethane	168	C13H12	000101-81-5	89





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014825.D
Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

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

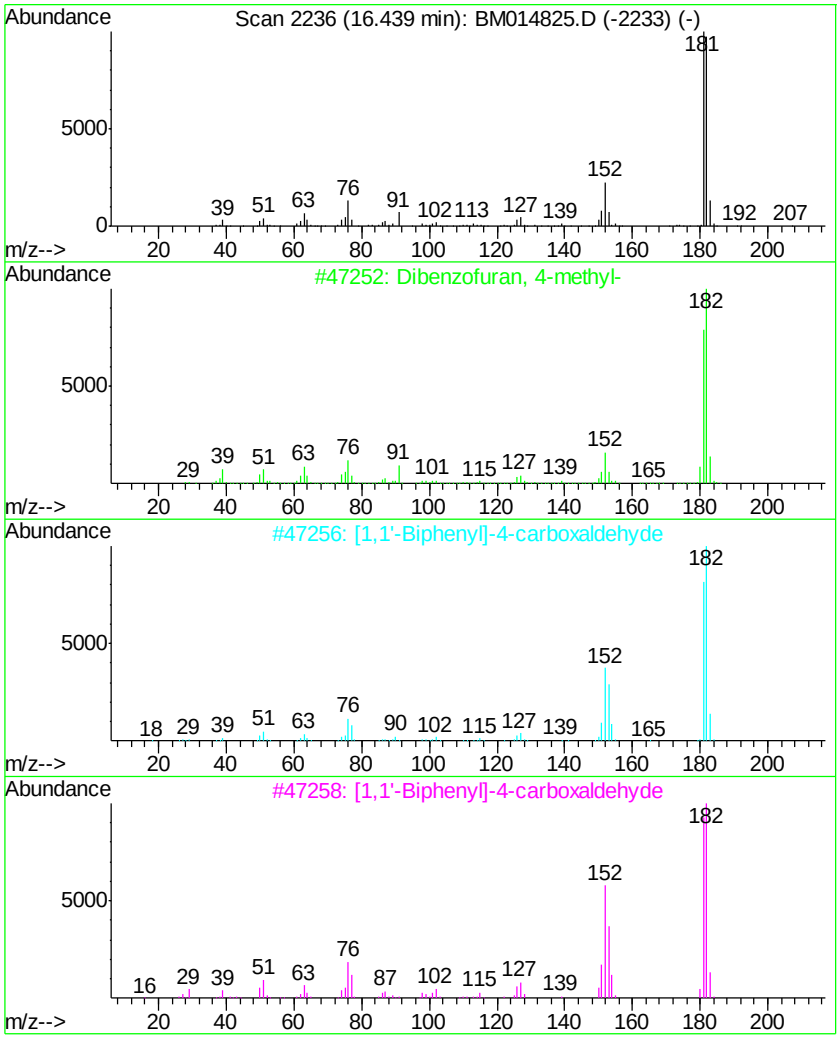
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

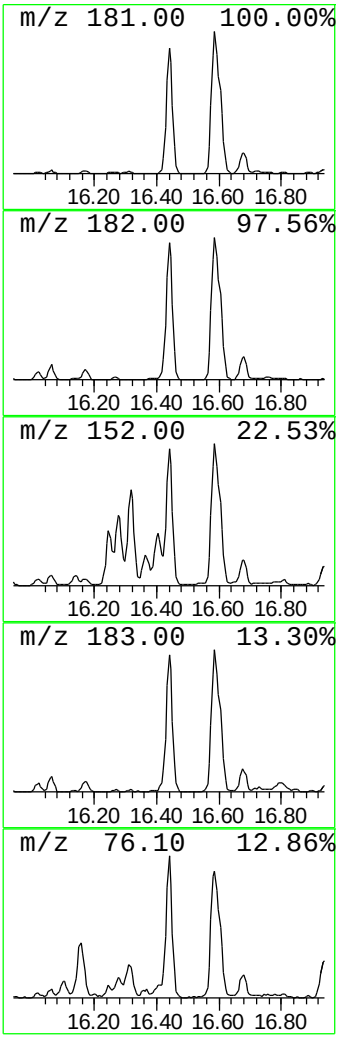
****

Peak Number 8 Dibenzofuran, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	5.50 ng/ul	1412580	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014825.D
Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

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

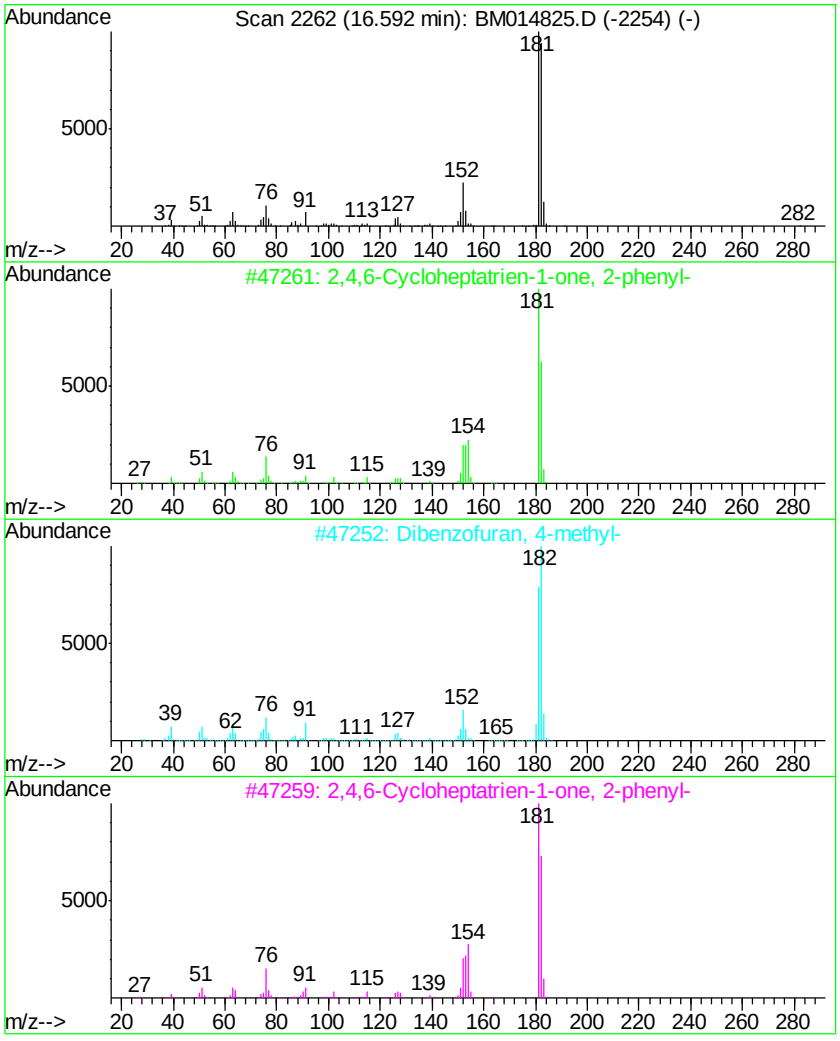
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

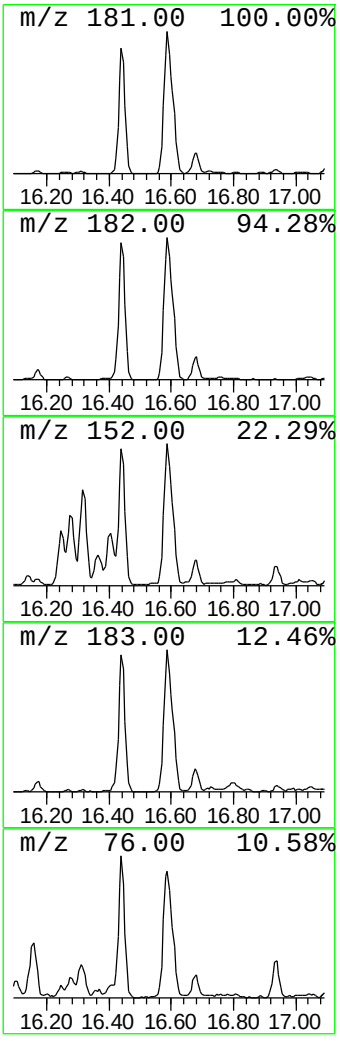
****

Peak Number 9 2,4,6-Cycloheptatrien-1-one... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	6.49 ng/ul	2057830	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	89
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86





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Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

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

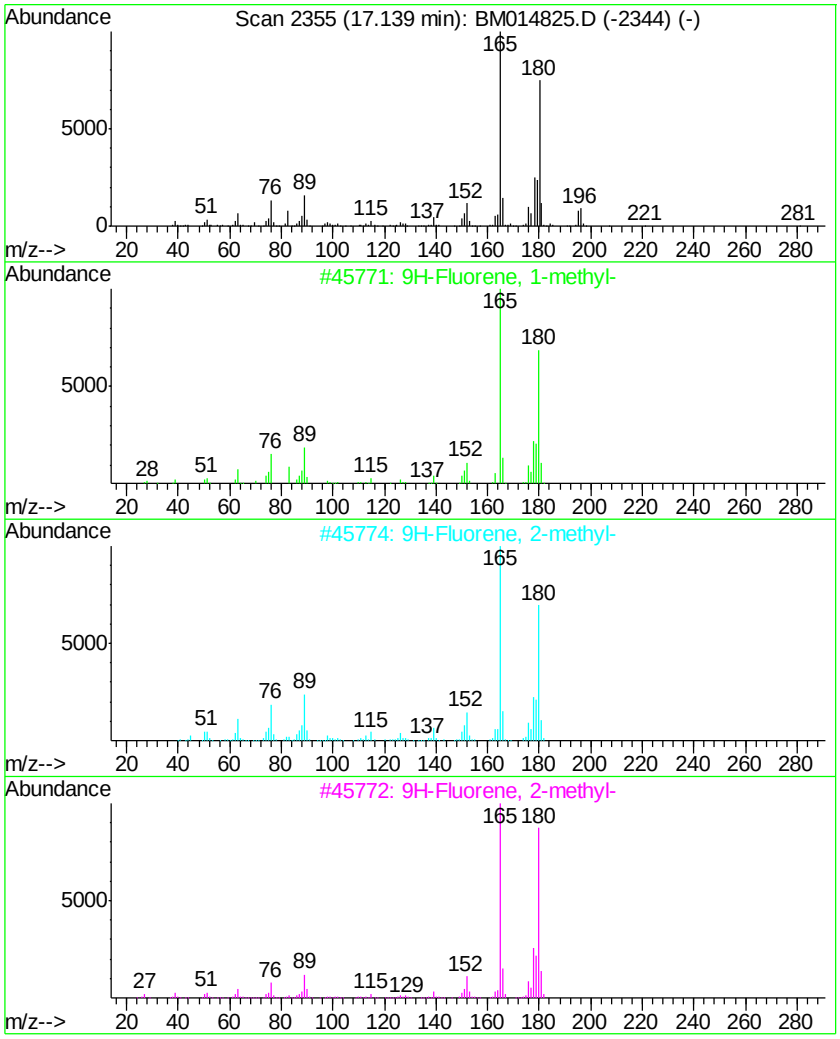
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

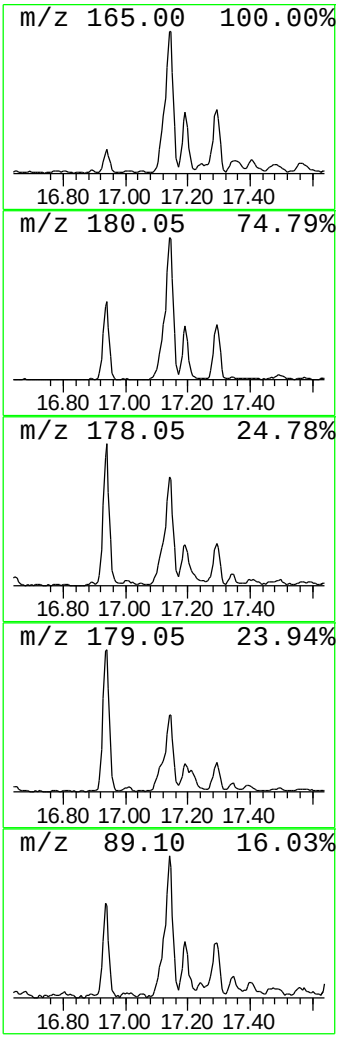
****

Peak Number 10 9H-Fluorene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	4.28 ng/ul	1357050	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92





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Data File : BM014825.D
Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

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

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

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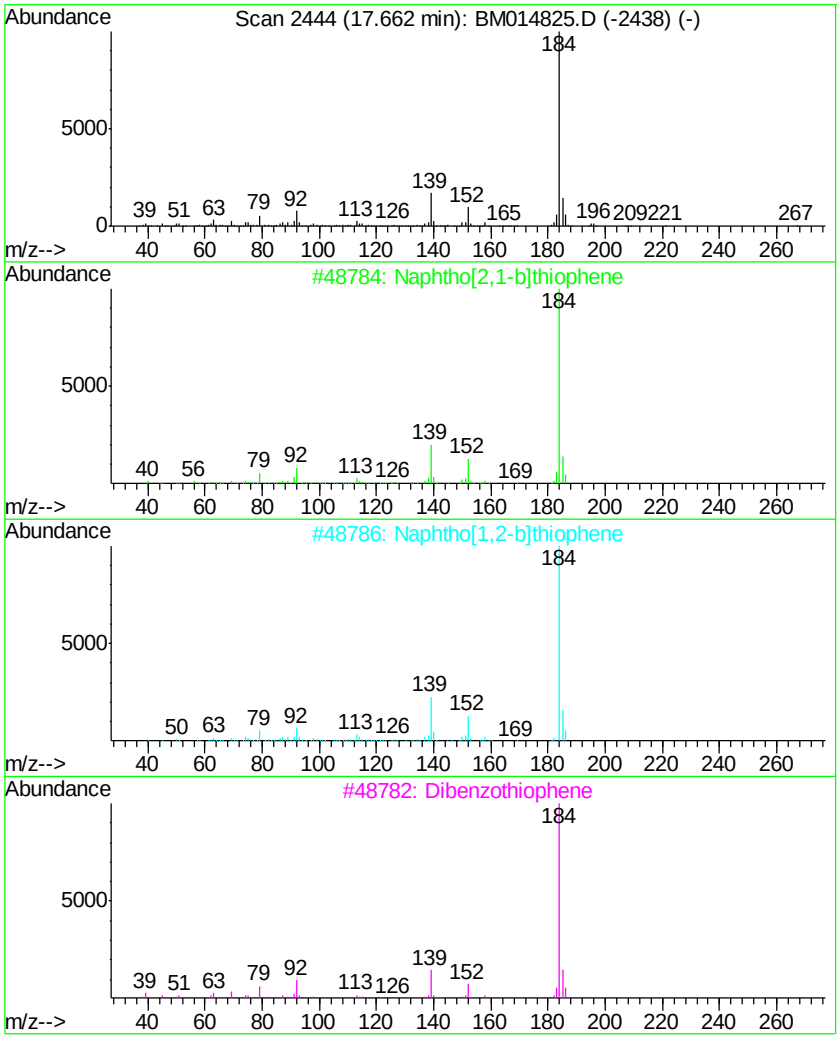
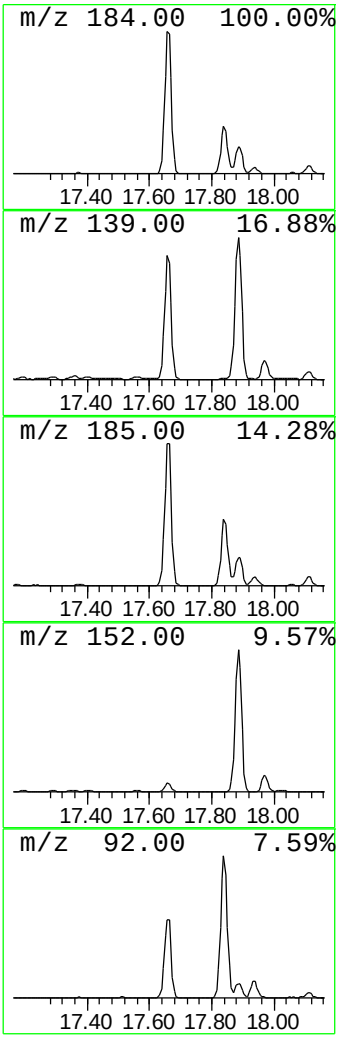
Peak Number 11 Naphtho[2,1-b]thiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	8.20 ng/ul	2598680	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014825.D
Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

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

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

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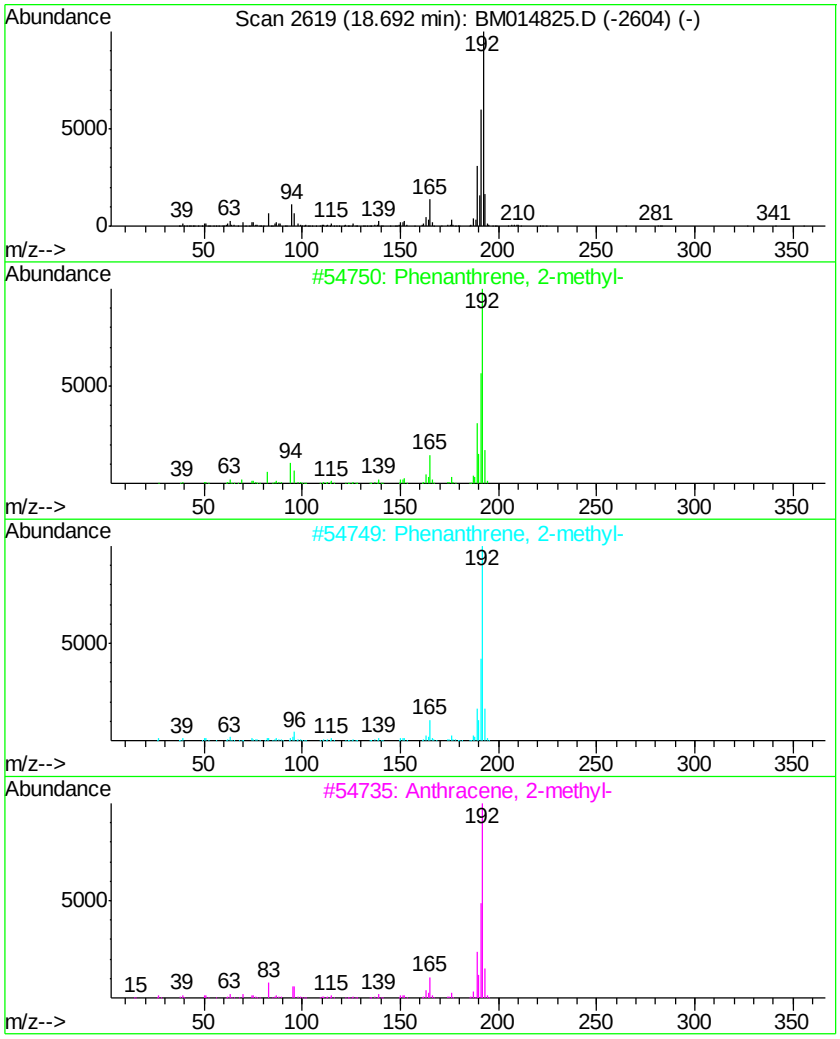
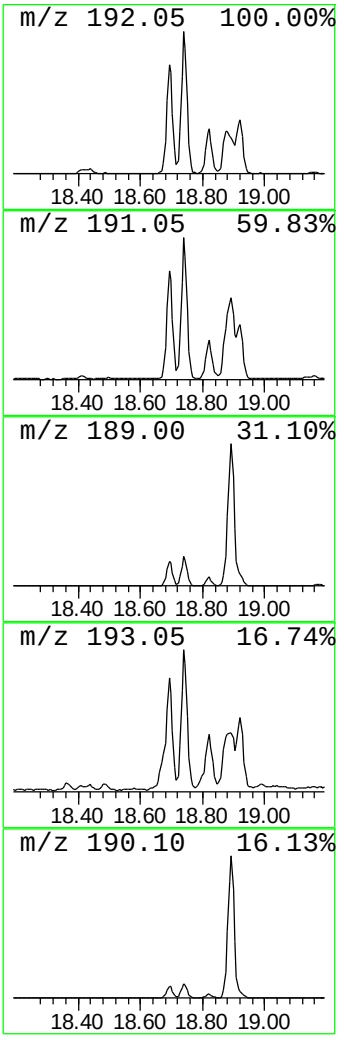
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	6.98 ng/ul	2211830	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Data File : BM014825.D
Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

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

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

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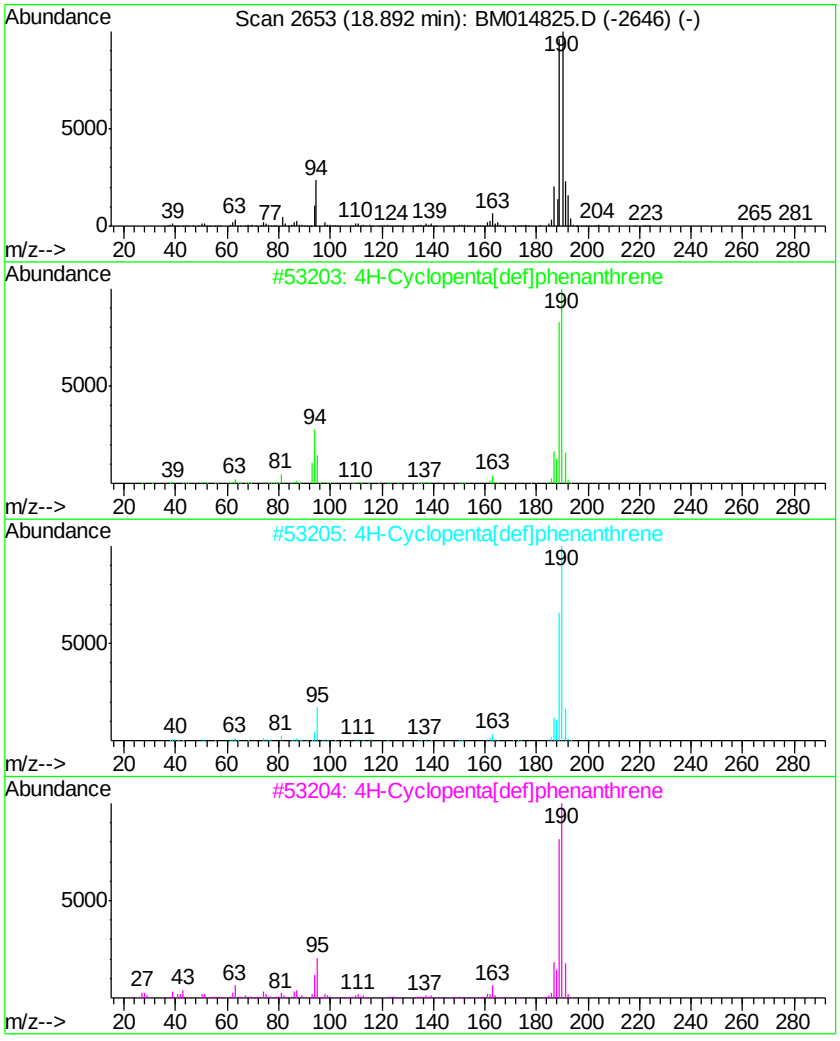
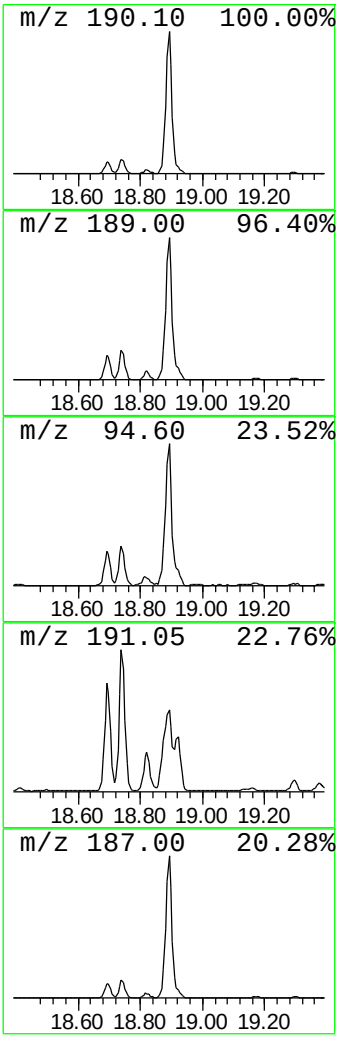
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	15.64 ng/ul	4956770	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





Library Search Compound Report

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Data File : BM014825.D
Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

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

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

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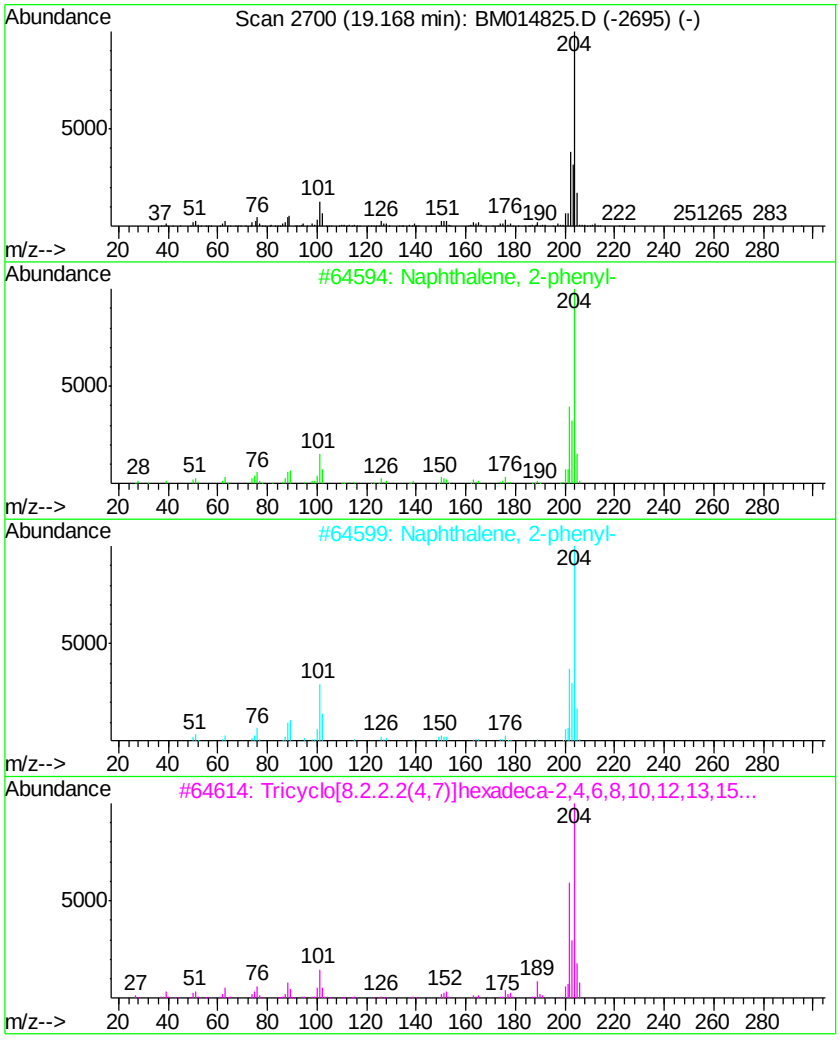
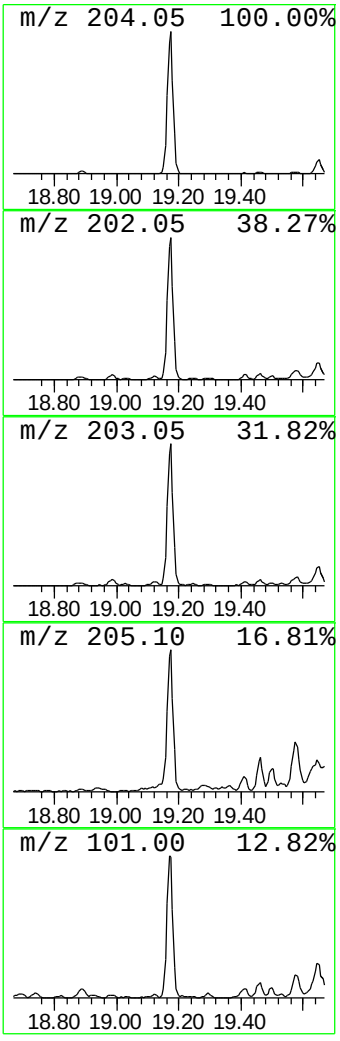
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	4.61 ng/ul	1462040	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	87
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	87
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014825.D
Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

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

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

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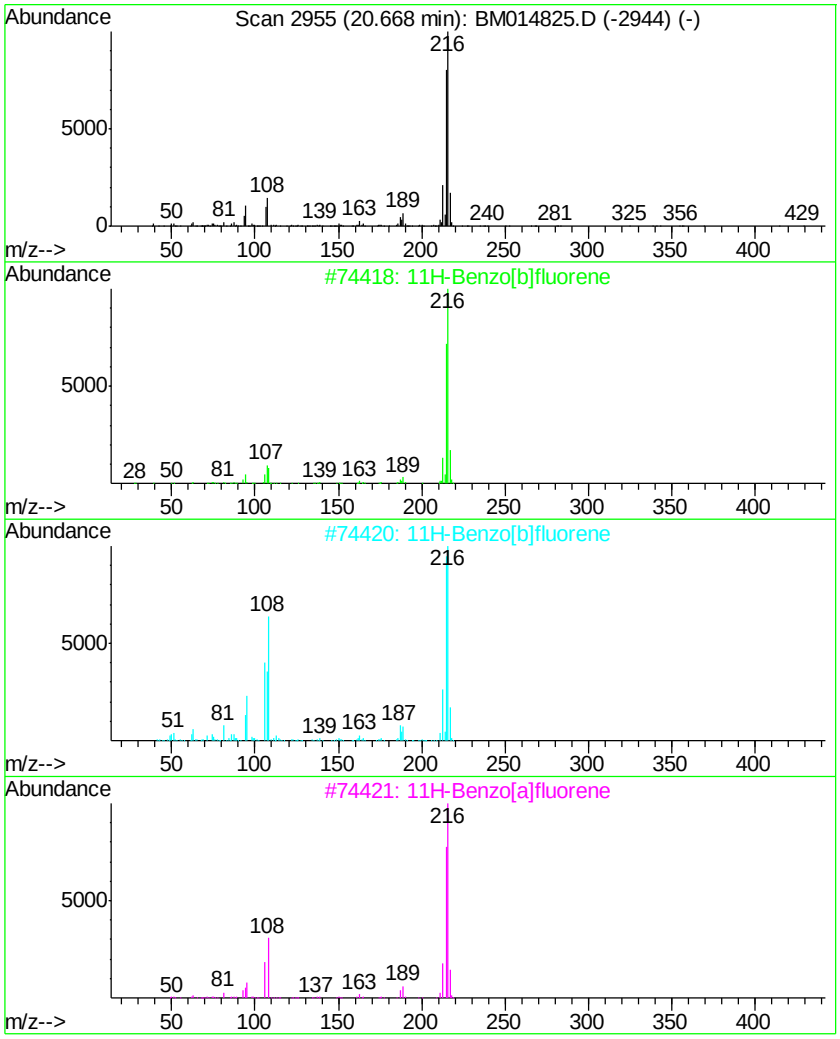
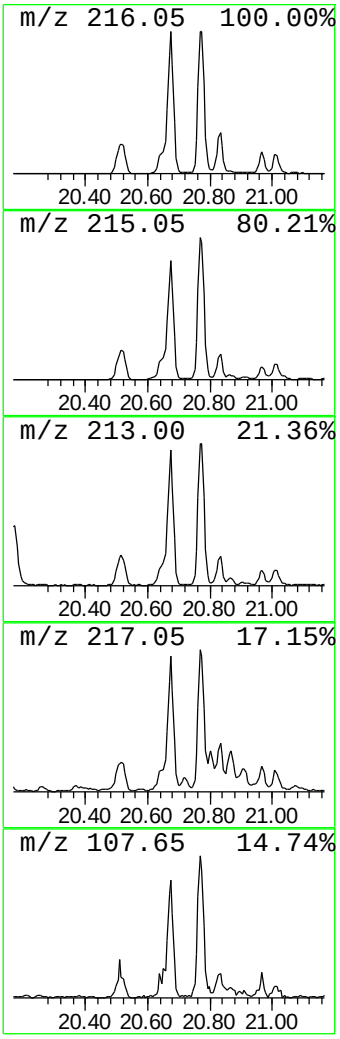
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	3.88 ng/ul	2498130	Chrysene-d12	21.93

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





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Acq On : 25 Apr 2018 00:28
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Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

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

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

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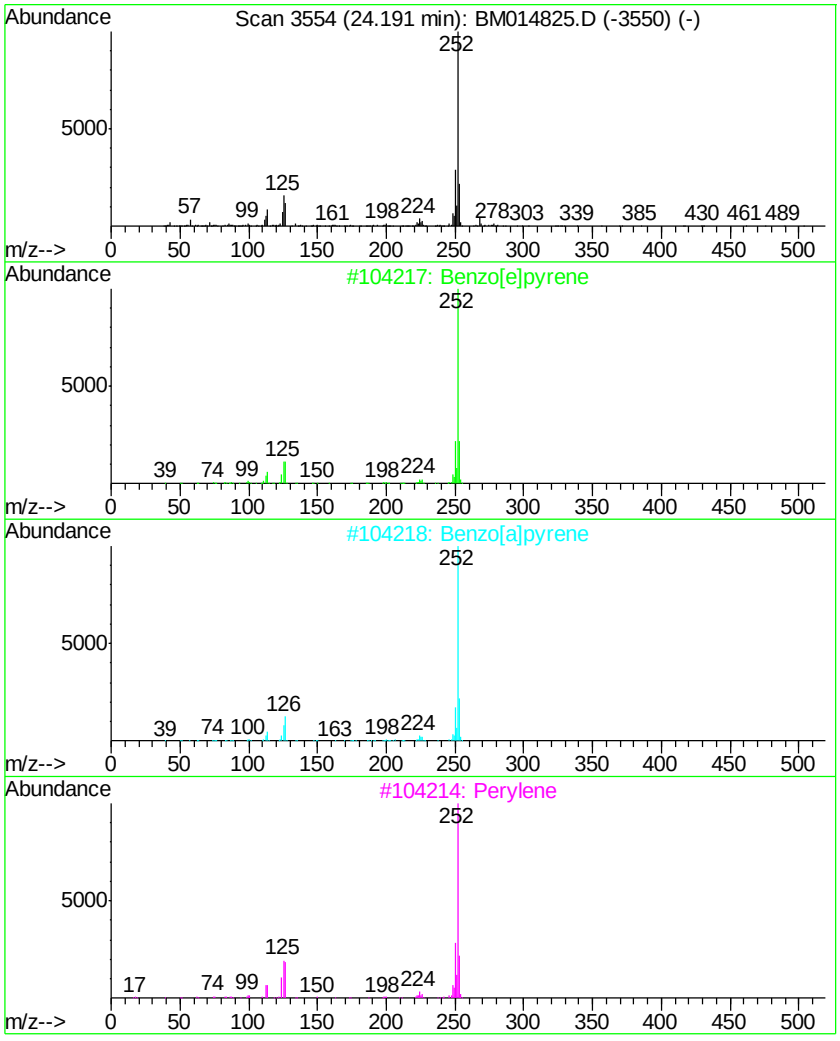
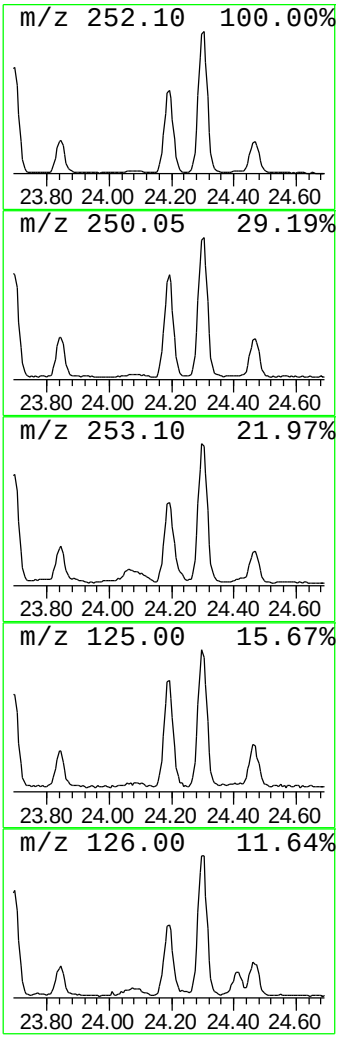
Peak Number 19 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	2.24 ng/ul	842703	Perylene-d12	24.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042418\
Data File : BM014825.D
Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-methyl...	10.54	2.3	ng/ul	462711	2	11.37	3960310	20.0
2-(p-Tolyl)ethyla...	10.69	2.0	ng/ul	399367	2	11.37	3960310	20.0
Naphthalene, 2-et...	14.16	2.1	ng/ul	550612	3	15.13	5133450	20.0
Naphthalene, 2,6-...	14.29	2.5	ng/ul	654131	3	15.13	5133450	20.0
Diphenylmethane	16.32	4.7	ng/ul	1195520	3	15.13	5133450	20.0
Naphthalene, 1-(2...	16.40	2.3	ng/ul	596732	3	15.13	5133450	20.0
Dibenzofuran, 4-m...	16.44	5.5	ng/ul	1412580	3	15.13	5133450	20.0
2,4,6-Cycloheptat...	16.59	6.5	ng/ul	2057830	4	17.84	6338590	20.0
9H-Fluorene, 1-me...	17.14	4.3	ng/ul	1357050	4	17.84	6338590	20.0
Naphtho[2,1-b]thi...	17.66	8.2	ng/ul	2598680	4	17.84	6338590	20.0
Phenanthrene, 2-m...	18.69	7.0	ng/ul	2211830	4	17.84	6338590	20.0
4H-Cyclopenta[def...	18.89	15.6	ng/ul	4956770	4	17.84	6338590	20.0
Naphthalene, 2-ph...	19.17	4.6	ng/ul	1462040	4	17.84	6338590	20.0
11H-Benzo[b]fluorene	20.67	3.9	ng/ul	2498130	5	21.93	12885800	20.0
Benzo[e]pyrene	24.19	2.2	ng/ul	842703	6	24.41	7534990	20.0