LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014821.D
Acq On : 24 Apr 2018 22:03
Operator : SJ/JU
Sample : J2431-13DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4DL

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	754	rVB	375139	712194	2.24%	0.292%
2	7.822	766	771	777	rVB2	236047	386574	1.21%	0.158%
3	8.040	803	808	816	rVV2	238515	478218	1.50%	0.196%
4	8.475	877	882	885	rBV	374541	506486	1.59%	0.208%
5	8.522	885	890	896	rVB	1880298	3023038	9.49%	1.239%
6	9.092	982	987	995	rVB3	173980	340538	1.07%	0.140%
7	9.216	1003	1008	1014	rVB	264762	459916	1.44%	0.188%
8	9.704	1085	1091	1094	rVV	223735	418121	1.31%	0.171%
9	9.739	1094	1097	1103	rVB2	387376	579902	1.82%	0.238%
10	9.886	1110	1122	1129	rVB9	97163	360184	1.13%	0.148%
11	10.428	1202	1214	1218	rBV3	259226	600750	1.89%	0.246%
12	10.975	1302	1307	1314	rVB	258244	442544	1.39%	0.181%
13	11.369	1367	1374	1380	rBV	2840389	4852950	15.23%	1.989%
14	11.486	1388	1394	1401	rVB2	373339	668060	2.10%	0.274%
15	14.292	1865	1871	1873	rBV	263620	439641	1.38%	0.180%
16	14.451	1892	1898	1903	rBV	345127	607741	1.91%	0.249%
17	14.510	1903	1908	1913	rVV2	626893	1009398	3.17%	0.414%
18	14.563	1913	1917	1923	rVB2	201289	364905	1.15%	0.150%
19	14.827	1955	1962	1973	rBV	531451	1073235	3.37%	0.440%
20	15.086	1997	2006	2008	rBV	283198	467810	1.47%	0.192%
21	15.127	2008	2013	2019	rVV2	4106705	6389043	20.05%	2.619%
22	15.192	2019	2024	2030	rVB2	1003650	1532123	4.81%	0.628%
23	15.316	2041	2045	2055	rVB	214586	486842	1.53%	0.200%
24	15.427	2055	2064	2068	rBV2	187581	433463	1.36%	0.178%
25	15.515	2072	2079	2085	rVV2	1084976	1804157	5.66%	0.739%
26	15.580	2085	2090	2099	rVV	363242	561921	1.76%	0.230%
27	15.721	2108	2114	2119	rBV	225497	395076	1.24%	0.162%
28	15.774	2119	2123	2128	rVV	241321	325782	1.02%	0.134%
29	15.892	2135	2143	2145	rBV3	189627	408171	1.28%	0.167%
30	15.921	2145	2148	2153	rVB2	234729	355812	1.12%	0.146%
31	16.098	2174	2178	2183	rBV	702631	989045	3.10%	0.405%
32	16.157	2183	2188	2194	rVB	2509585	3524628	11.06%	1.445%
33	16.245	2199	2203	2206	rBV	226146	355994	1.12%	0.146%
34	16.315	2211	2215	2220	rVB2	852867	1237177	3.88%	0.507%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014821.D
Acq On : 24 Apr 2018 22:03
Operator : SJ/JU
Sample : J2431-13DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4DL

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	16.404	2226	2230	2232	rBV2	371664	505008	1.59%	0.207%
36	16.439	2232	2236	2244	rVB	1181713	1781388	5.59%	0.730%
37	16.586	2255	2261	2269	rBV	1189296	2316659	7.27%	0.949%
38	16.786	2287	2295	2310	rVB3	254471	678589	2.13%	0.278%
39	16.939	2316	2321	2326	rBV2	229552	339720	1.07%	0.139%
40	17.145	2344	2356	2360	rBV2	894566	1781932	5.59%	0.730%
41	17.192	2360	2364	2369	rVB2	278650	417471	1.31%	0.171%
42	17.292	2375	2381	2386	rVB3	325401	608238	1.91%	0.249%
43	17.362	2386	2393	2396	rBV3	377544	789976	2.48%	0.324%
44	17.404	2396	2400	2403	rVB3	280837	370898	1.16%	0.152%
45	17.557	2421	2426	2438	rVV4	425299	1162995	3.65%	0.477%
46	17.662	2438	2444	2461	rVB	1589679	2612966	8.20%	1.071%
47	17.839	2467	2474	2477	rBV	5134392	7690838	24.14%	3.152%
48	17.886	2477	2482	2487	rVV	21801041	31857757	100.00%	13.057%
49	17.939	2487	2491	2492	rVV	728555	929771	2.92%	0.381%
50	17.968	2492	2496	2504	rVB	4032467	5922945	18.59%	2.428%
51	18.339	2555	2559	2565	rBV	463549	640563	2.01%	0.263%
52	18.409	2566	2571	2580	rVB3	259754	476817	1.50%	0.195%
53	18.545	2589	2594	2602	rVB	209180	411002	1.29%	0.168%
54	18.692	2615	2619	2623	rBV	2028208	2702615	8.48%	1.108%
55	18.745	2623	2628	2633	rVB	2618949	3633517	11.41%	1.489%
56	18.821	2633	2641	2646	rBV	881780	1318676	4.14%	0.540%
57	18.892	2646	2653	2666	rVB2	4290338	8371466	26.28%	3.431%
58	19.174	2695	2701	2706	rBV	1841993	2467034	7.74%	1.011%
59	19.409	2737	2741	2746	rBV	302079	400966	1.26%	0.164%
60	19.462	2746	2750	2753	rBV	282507	341789	1.07%	0.140%
61	19.580	2764	2770	2774	rBV	512649	891731	2.80%	0.365%
62	19.645	2775	2781	2789	rVB3	376389	997065	3.13%	0.409%
63	19.715	2789	2793	2796	rBV2	194009	332164	1.04%	0.136%
64	19.851	2808	2816	2821	rBV	22379423	30721504	96.43%	12.591%
65	20.086	2850	2856	2864	rVB	618301	999218	3.14%	0.410%
66	20.168	2864	2870	2872	rBV2	4054203	6566447	20.61%	2.691%
67	20.203	2872	2876	2882	rVV	15008091	20784027	65.24%	8.518%
68	20.262	2882	2886	2894	rVB2	659541	983395	3.09%	0.403%
69	20.368	2899	2904	2909	rVB	952617	1233627	3.87%	0.506%
70	20.503	2921	2927	2929	rBV2	756772	1316408	4.13%	0.540%
71	20.674	2944	2956	2961	rBV	2650183	4277724	13.43%	1.753%

LSC Area Percent Report

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Data File : BM014821.D
Acq On : 24 Apr 2018 22:03
Operator : SJ/JU
Sample : J2431-13DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4DL

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

72	20.774	2967	2973	2977	rBV	2839280	3879564	12.18%	1.590%
73	20.833	2977	2983	2986	rVV2	835433	1608092	5.05%	0.659%
74	20.862	2986	2988	2992	rVV	392430	516178	1.62%	0.212%
75	20.903	2992	2995	3000	rVV3	217023	346031	1.09%	0.142%
76	20.968	3002	3006	3010	rVV	354516	532998	1.67%	0.218%
77	21.009	3010	3013	3016	rVV2	404741	612622	1.92%	0.251%
78	21.186	3039	3043	3046	rBV	325015	445964	1.40%	0.183%
79	21.356	3068	3072	3077	rBV	588213	835461	2.62%	0.342%
80	21.568	3104	3108	3111	rBV	859474	1194623	3.75%	0.490%
81	21.603	3111	3114	3118	rVV	838724	986959	3.10%	0.405%
82	21.645	3118	3121	3125	rVV2	718344	902800	2.83%	0.370%
83	21.786	3141	3145	3157	rBV	3779974	4820852	15.13%	1.976%
84	21.921	3160	3168	3172	rVV2	7882954	17462940	54.82%	7.157%
85	21.962	3172	3175	3184	rVB	4068564	5596909	17.57%	2.294%
86	22.092	3193	3197	3202	rBV	860084	1147748	3.60%	0.470%
87	22.256	3222	3225	3231	rVB2	339669	477887	1.50%	0.196%
88	22.692	3295	3299	3303	rBV2	258821	352955	1.11%	0.145%
89	22.744	3304	3308	3310	rBV3	261434	432753	1.36%	0.177%
90	23.650	3456	3462	3468	rBV	1565832	4207239	13.21%	1.724%
91	24.197	3549	3555	3560	rBV2	814776	1957740	6.15%	0.802%
92	24.303	3568	3573	3581	rVB	1164754	2347962	7.37%	0.962%
93	24.415	3585	3592	3598	rBV	3512728	7098785	22.28%	2.909%

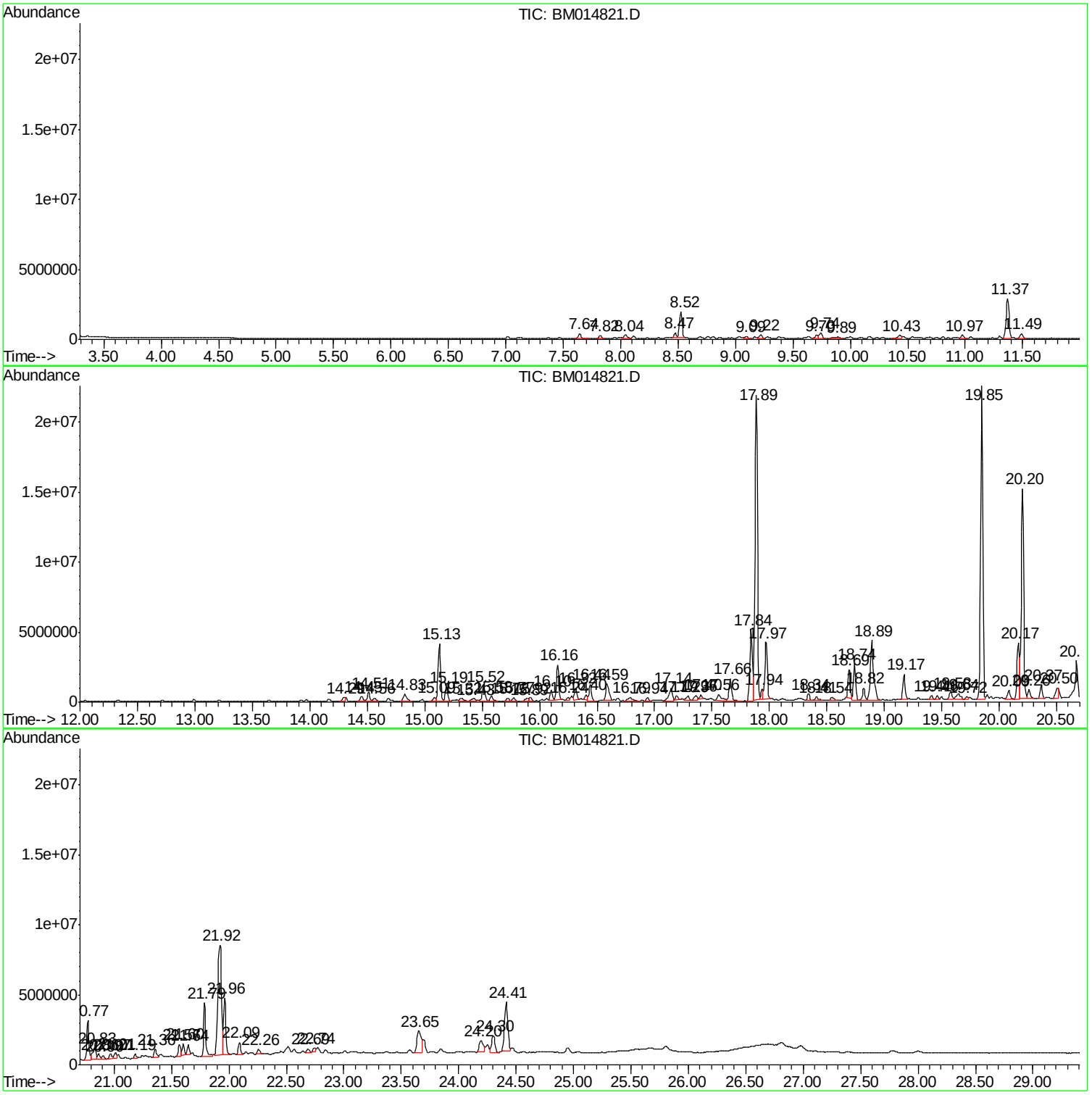
Sum of corrected areas: 243991407

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014821.D
Acq On : 24 Apr 2018 22:03
Operator : SJ/JU
Sample : J2431-13DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP4DL

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014821.D
Acq On : 24 Apr 2018 22:03
Operator : SJ/JU
Sample : J2431-13DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

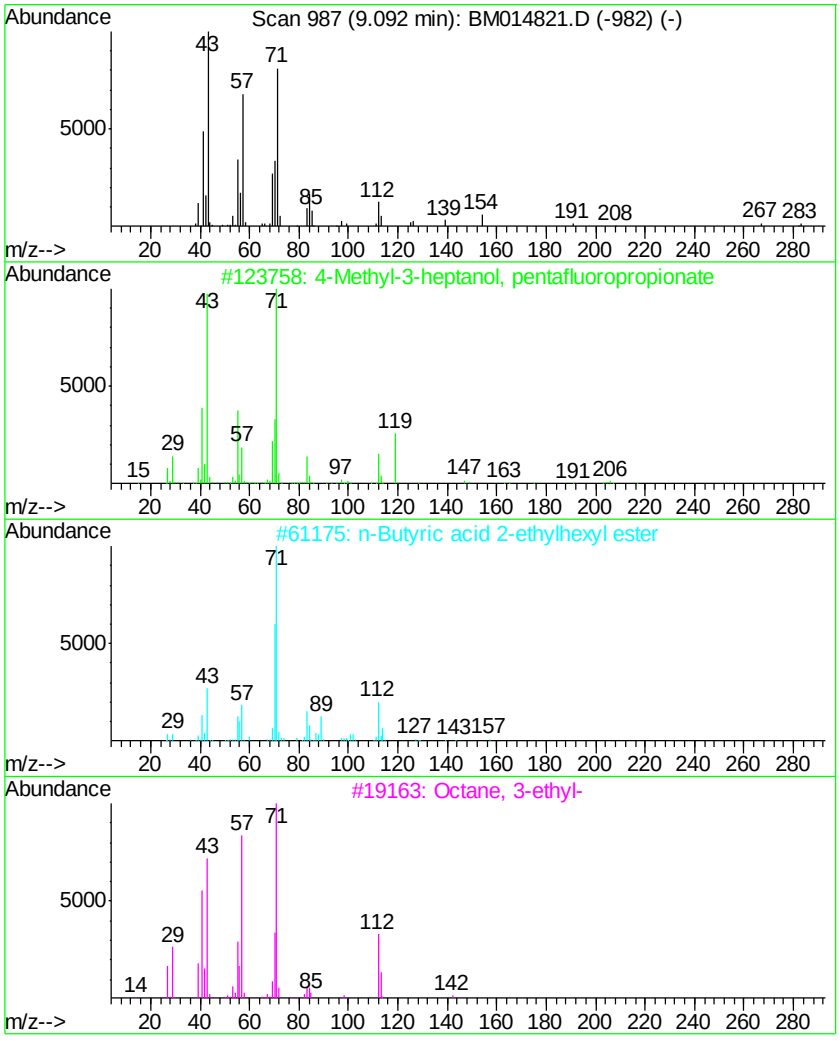
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

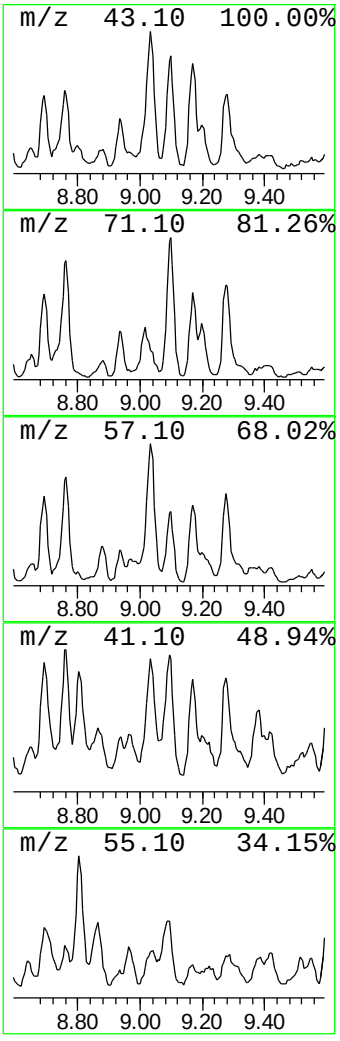
****

Peak Number 1 4-Methyl-3-heptanol, pentaf... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	2.25 ng/ul	340538	1,4-Dichlorobenzene-d4	8.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	78
2	n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	78
3	Octane, 3-ethyl-	142	C10H22	005881-17-4	78
4	4-Methyl-3-heptanol, heptafluoro...	326	C12H17F7O2	1000365-51-5	72
5	Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014821.D
Acq On : 24 Apr 2018 22:03
Operator : SJ/JU
Sample : J2431-13DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4DL

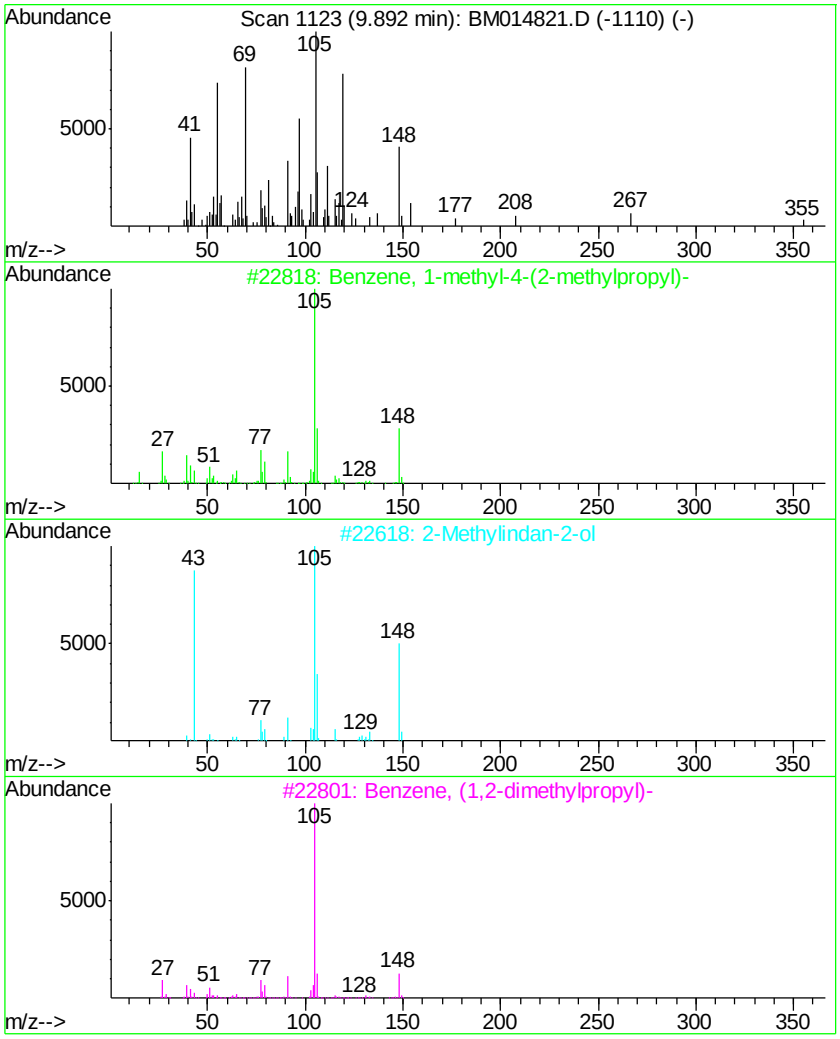
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

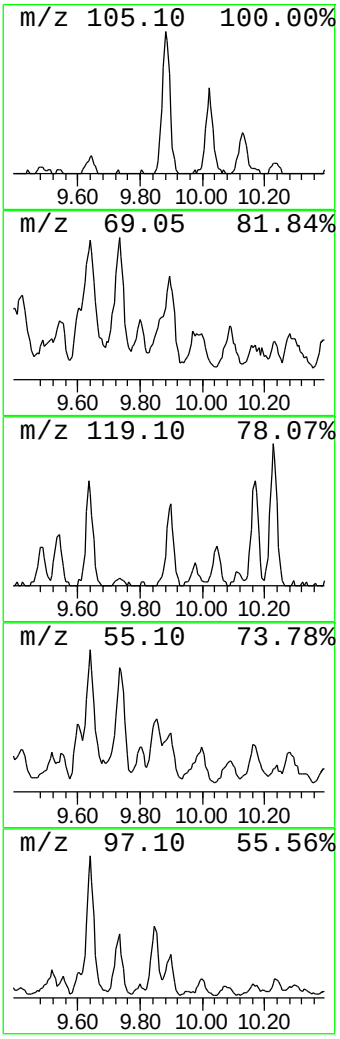
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-methyl-4-(2-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	2.38 ng/ul	360184	1,4-Dichlorobenzene-d4	8.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	50
2	2-Methylindan-2-ol	148	C10H12O	033223-84-6	38
3	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	30
4	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	30
5	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	25





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014821.D
Acq On : 24 Apr 2018 22:03
Operator : SJ/JU
Sample : J2431-13DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4DL

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

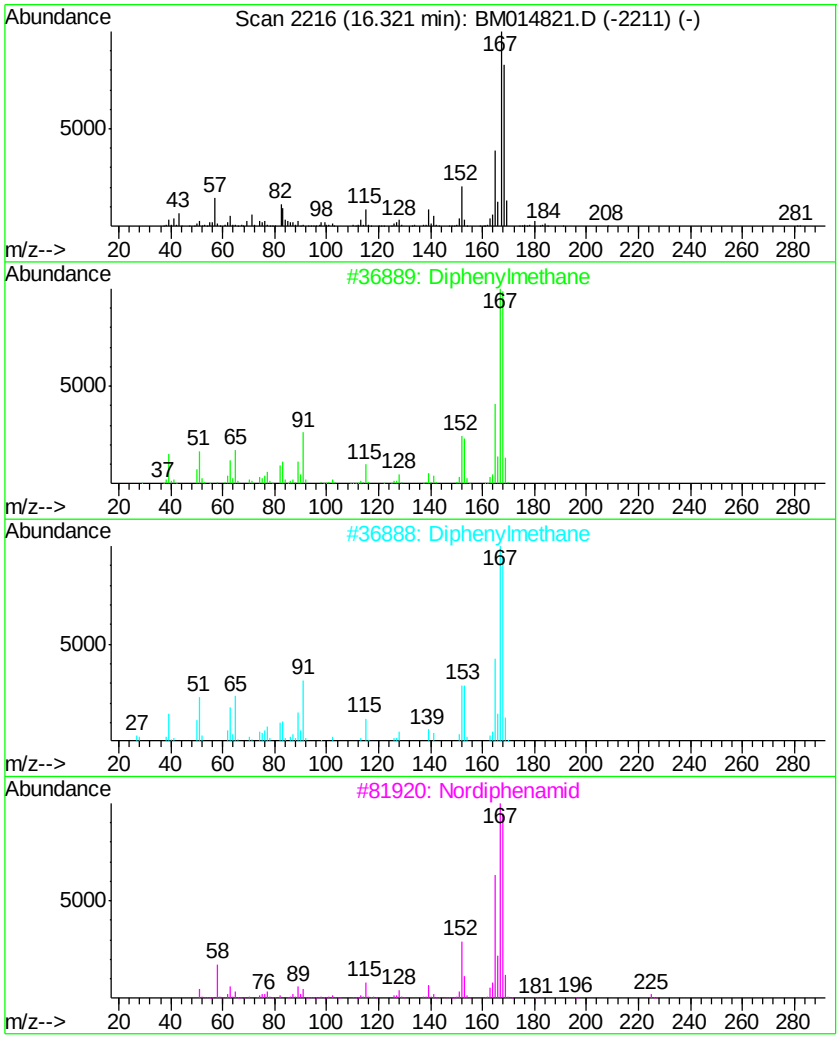
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

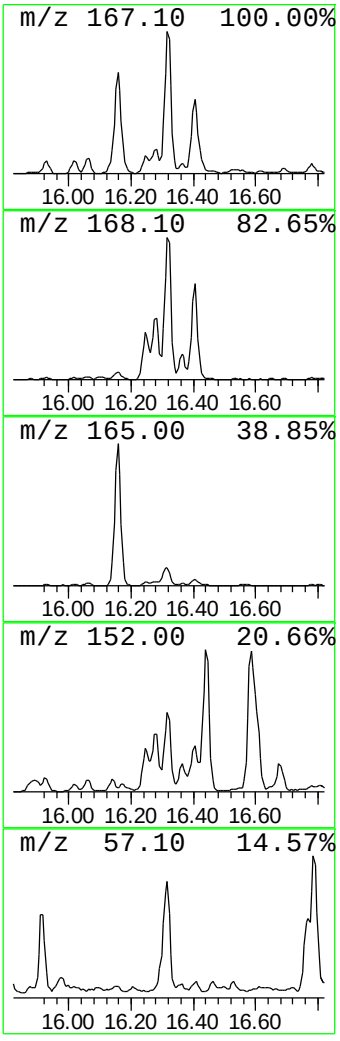
****

Peak Number 3 Diphenylmethane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	3.87 ng/ul	1237180	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	90
2	Diphenylmethane	168	C13H12	000101-81-5	81
3	Nordiphenamid	225	C15H15NO	000954-21-2	78
4	Diphenylmethane	168	C13H12	000101-81-5	68
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	60





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014821.D
Acq On : 24 Apr 2018 22:03
Operator : SJ/JU
Sample : J2431-13DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4DL

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

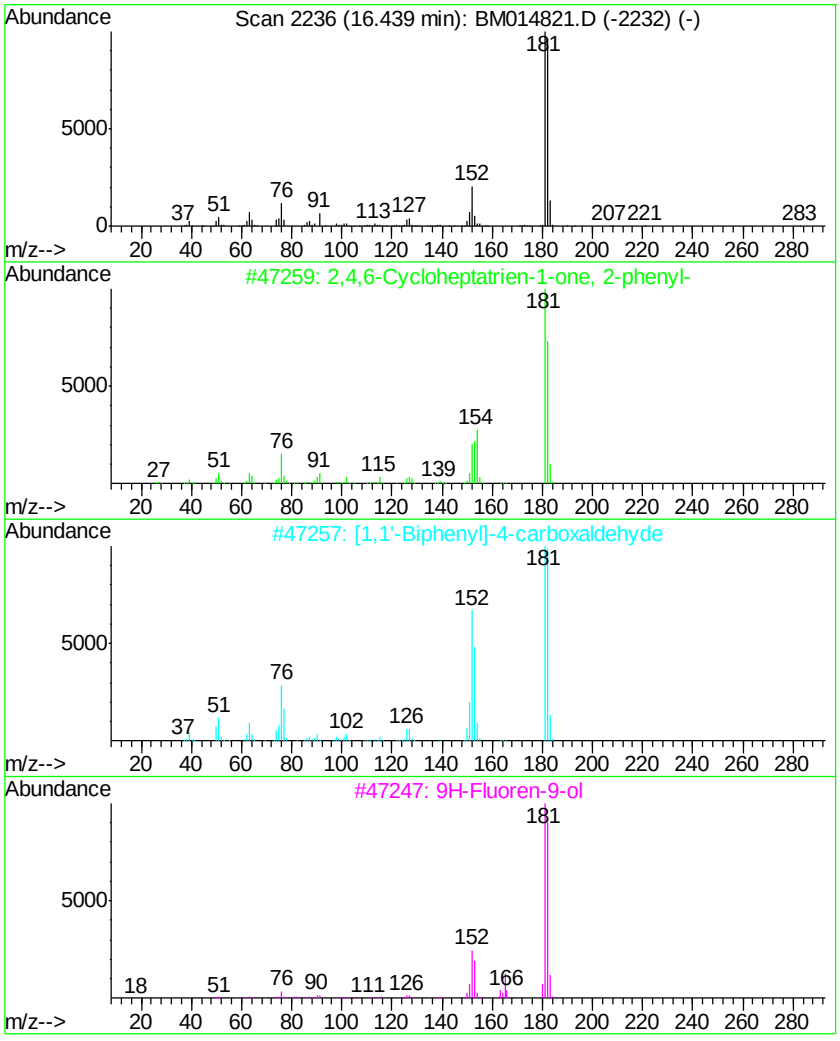
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

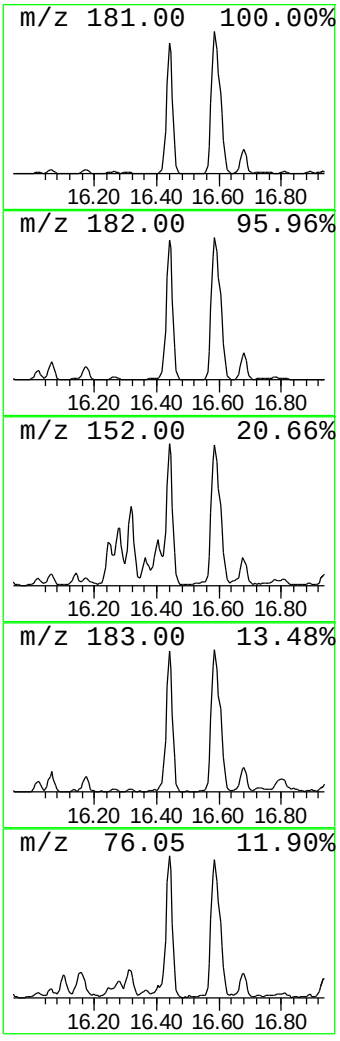
****

Peak Number 4 2,4,6-Cycloheptatrien-1-one... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	5.58 ng/ul	1781390	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014821.D
Acq On : 24 Apr 2018 22:03
Operator : SJ/JU
Sample : J2431-13DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4DL

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

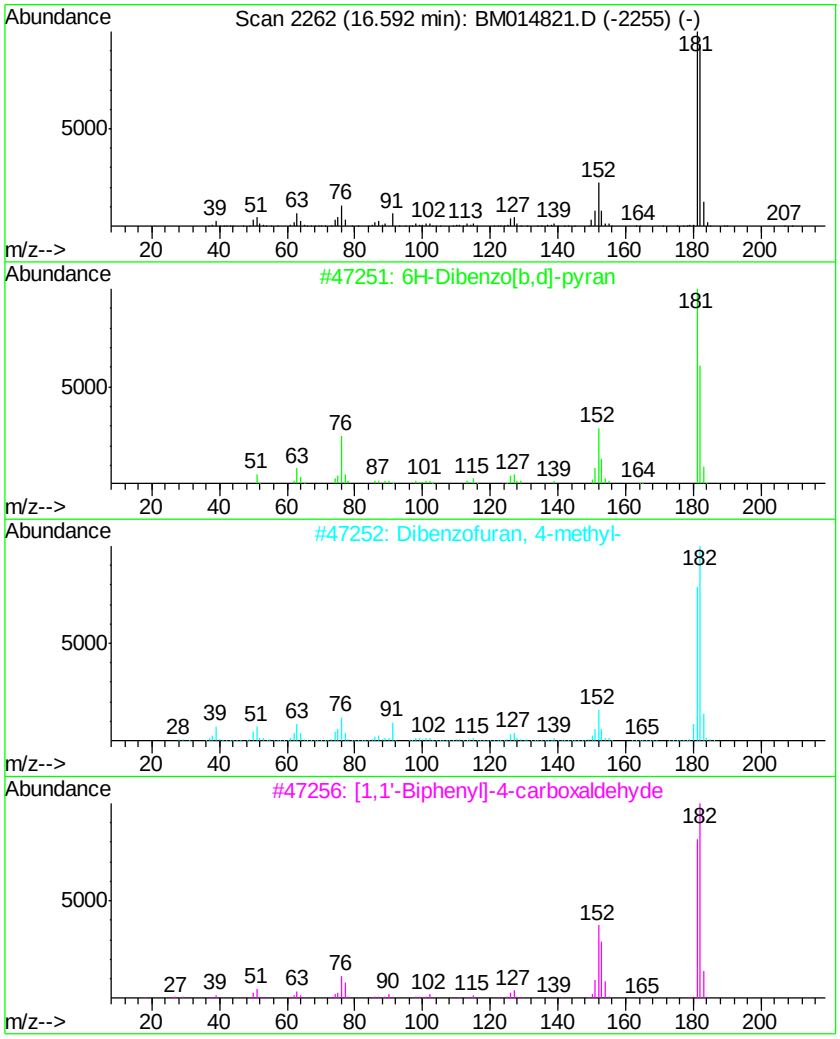
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

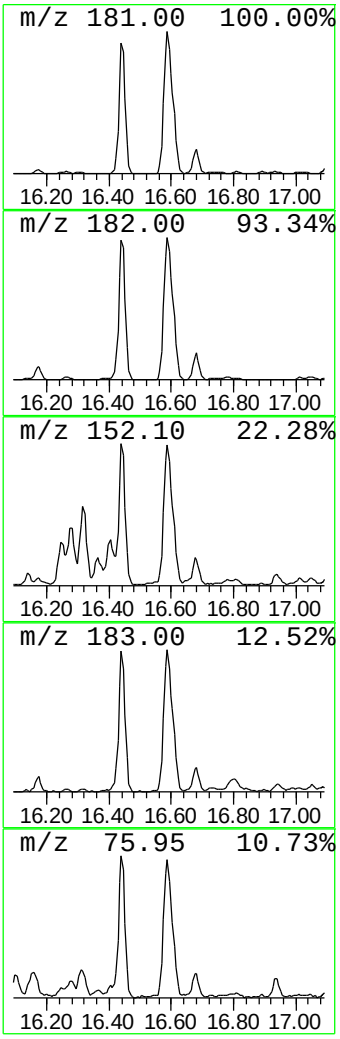
****

Peak Number 5 6H-Dibenzo[b,d]-pyran Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	6.02 ng/ul	2316660	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	89
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014821.D
Acq On : 24 Apr 2018 22:03
Operator : SJ/JU
Sample : J2431-13DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4DL

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Quant Title : SVOA CALIBRATION

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

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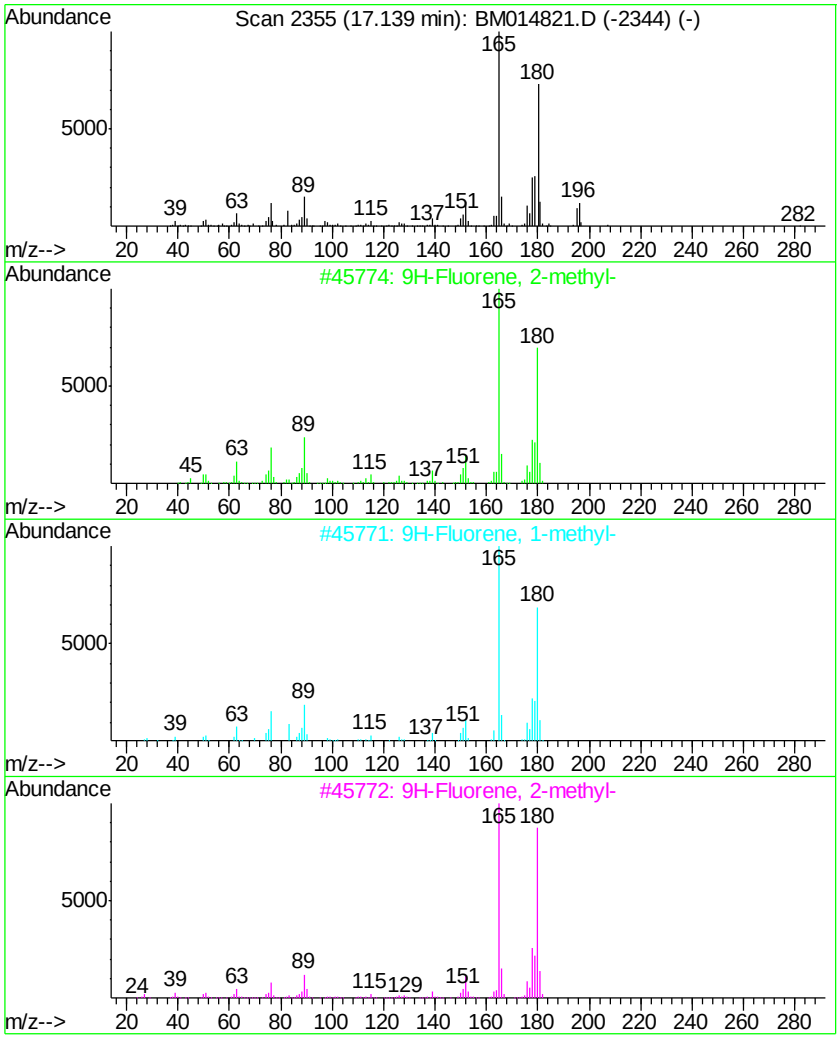
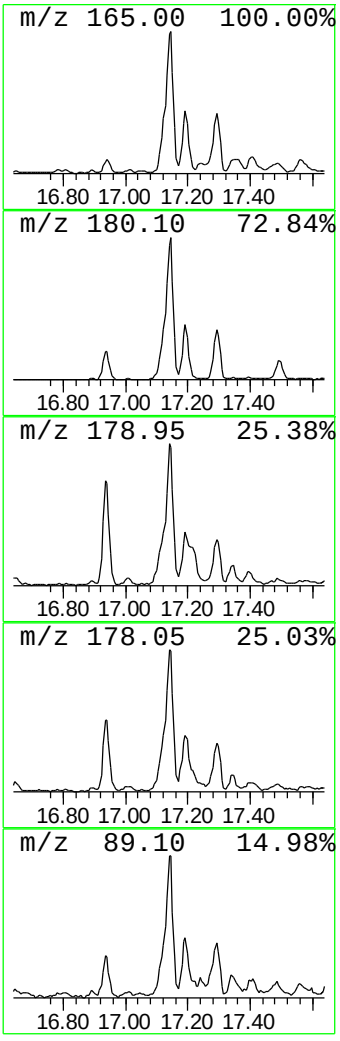
Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	4.63 ng/ul	1781930	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94





Library Search Compound Report

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Acq On : 24 Apr 2018 22:03
Operator : SJ/JU
Sample : J2431-13DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4DL

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Quant Title : SVOA CALIBRATION

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

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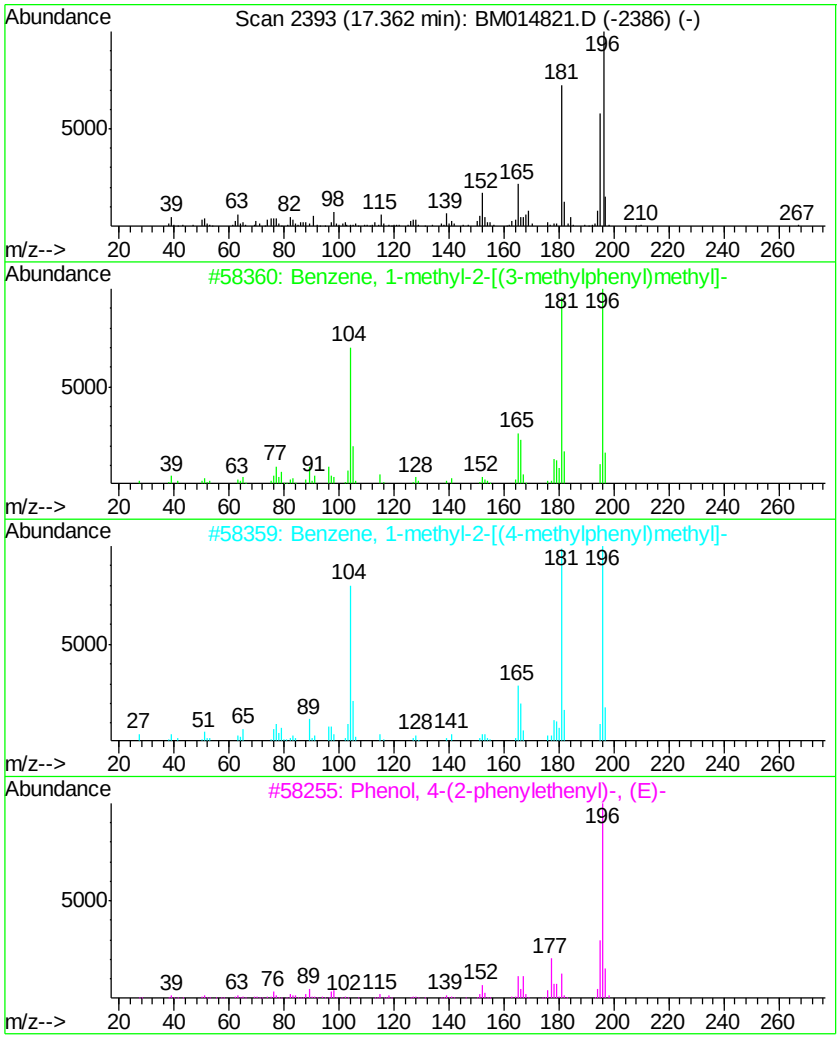
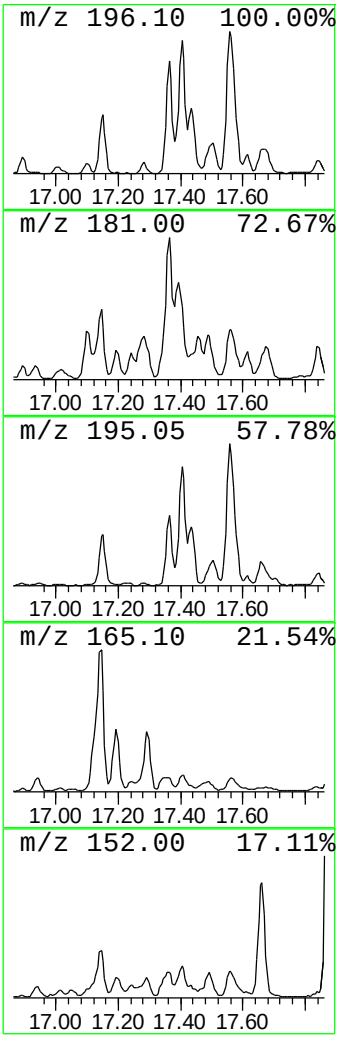
Peak Number 7 Benzene, 1-methyl-2-[(3-met... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	2.05 ng/ul	789976	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	64
2	Benzene, 1-methyl-2-[(4-methylph...	196	C15H16	021895-17-0	64
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52
4	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	49
5	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	49





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4DL

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Quant Title : SVOA CALIBRATION

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

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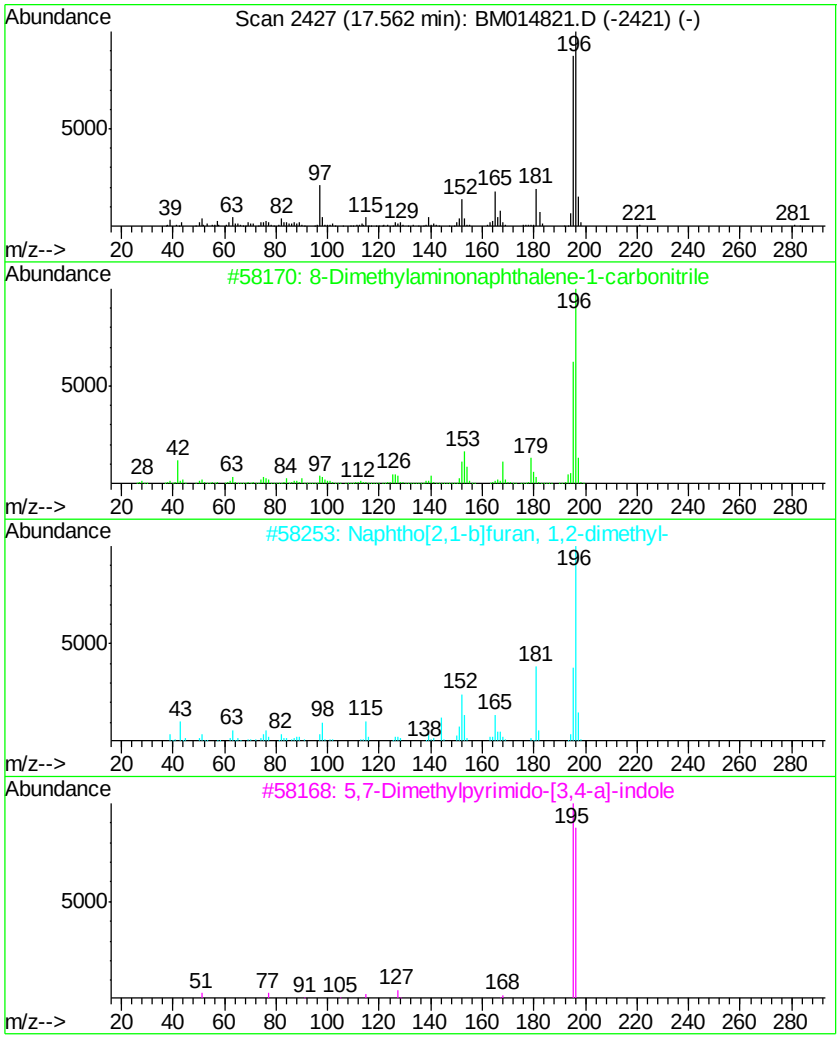
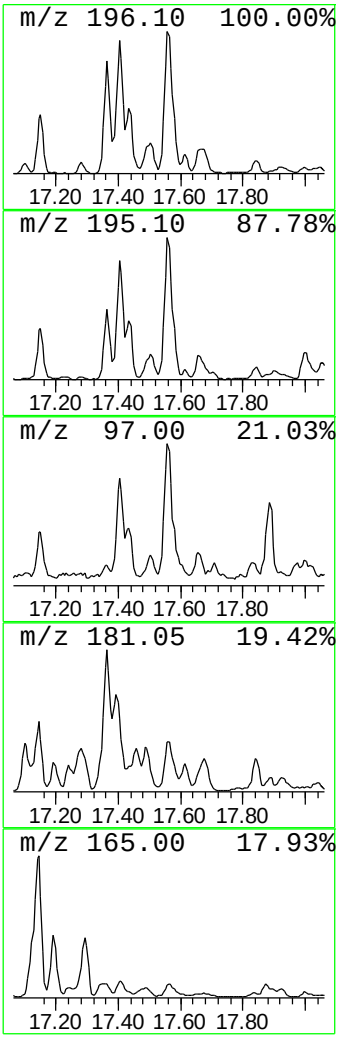
Peak Number 8 8-Dimethylaminonaphthalene-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	3.02 ng/ul	1163000	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	72
2	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	53
3	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	50
4	Hydrosulfide, (5,6-dimethylthien...	196	C8H8N2S2	1000362-41-8	49
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49





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Quant Title : SVOA CALIBRATION

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

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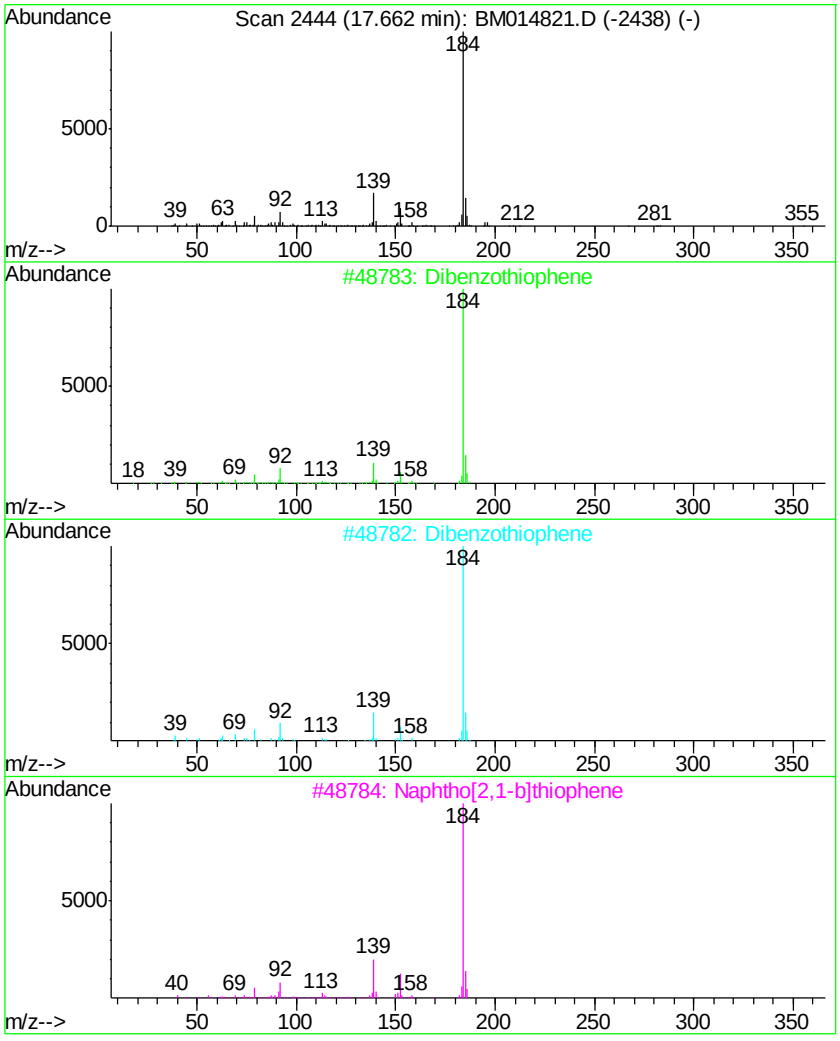
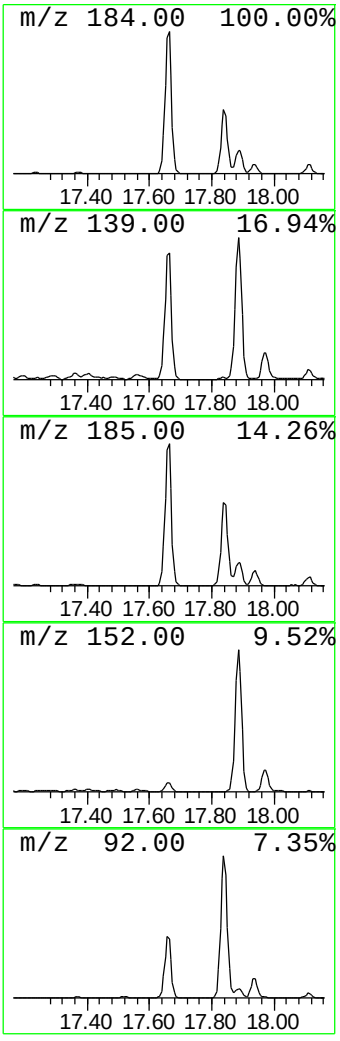
Peak Number 9 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	6.80 ng/ul	2612970	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94





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Quant Title : SVOA CALIBRATION

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

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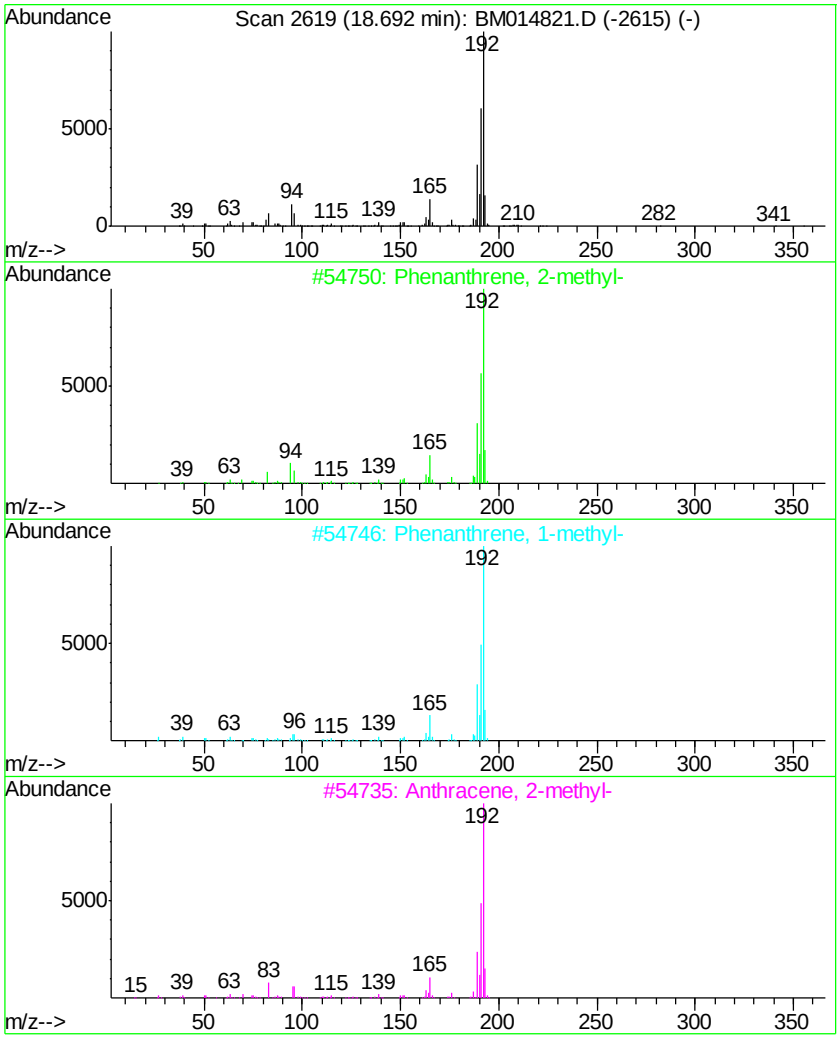
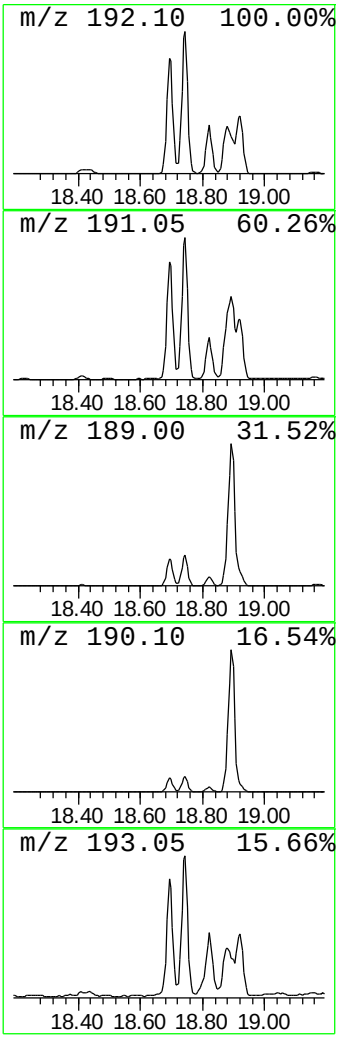
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	7.03 ng/ul	2702620	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, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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Operator : SJ/JU
Sample : J2431-13DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4DL

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Quant Title : SVOA CALIBRATION

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

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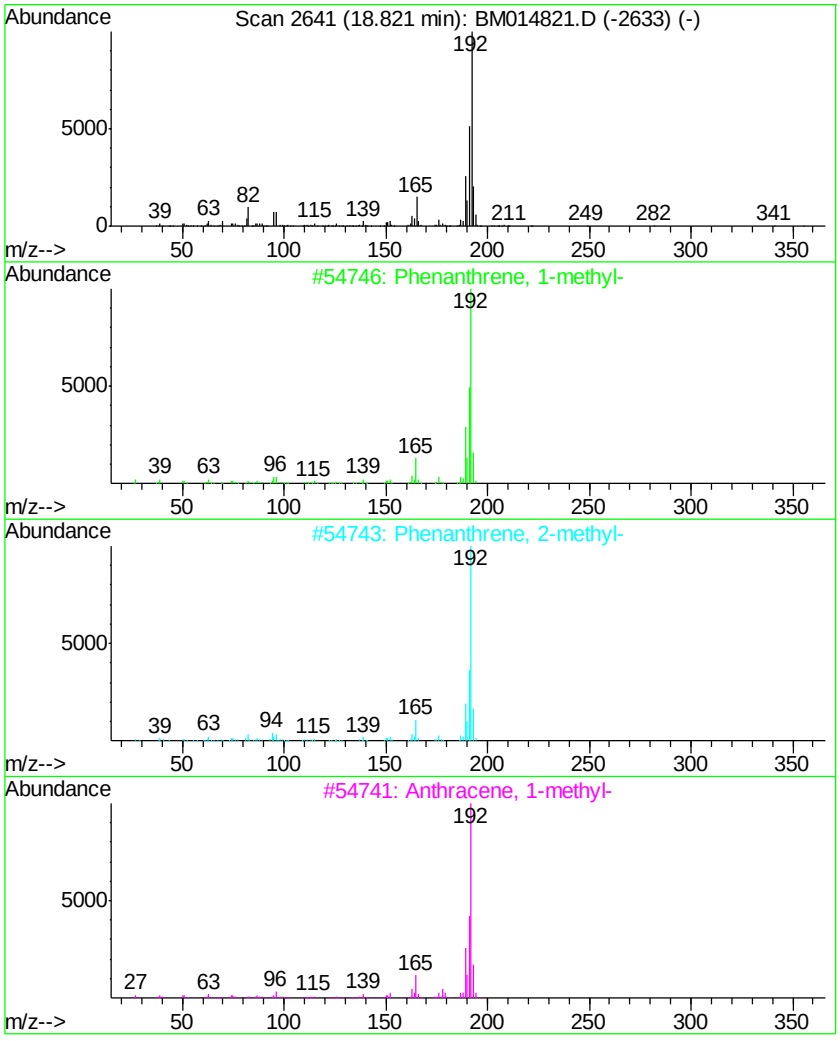
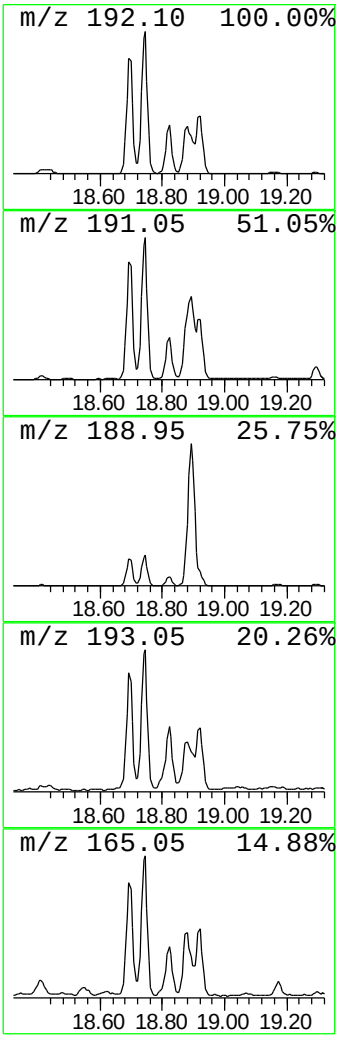
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	3.43 ng/ul	1318680	Phenanthrene-d10	17.84

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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4DL

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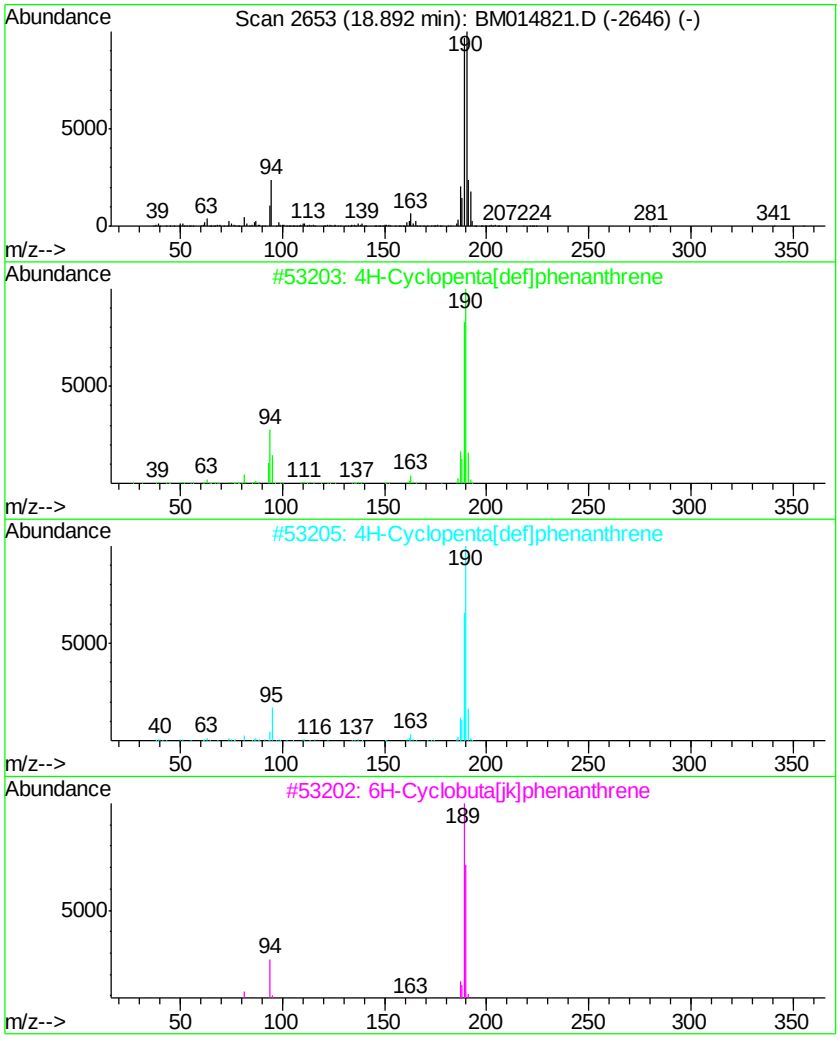
Quant Title : SVOA CALIBRATION

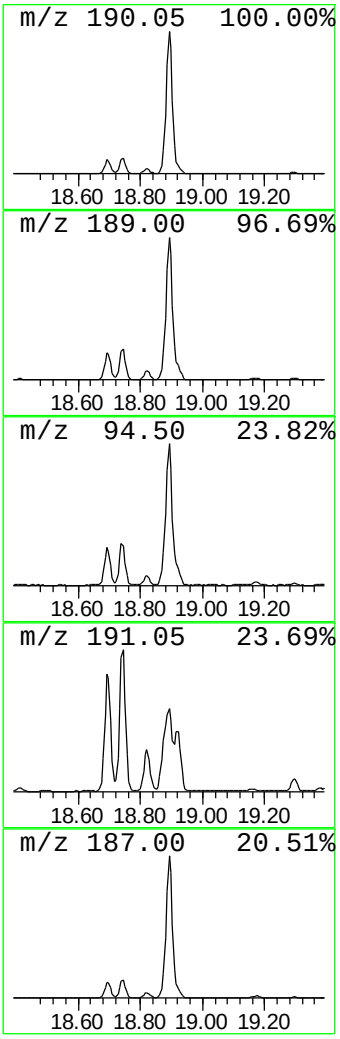
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	21.77 ng/ul	8371470	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	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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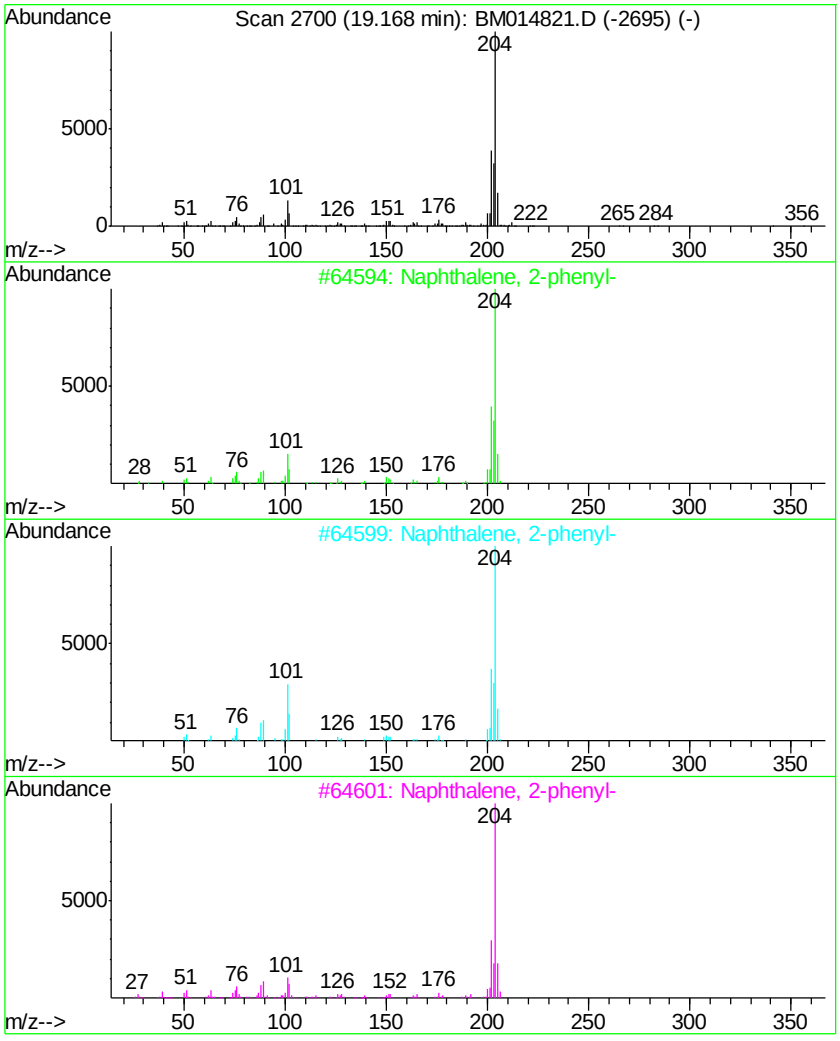
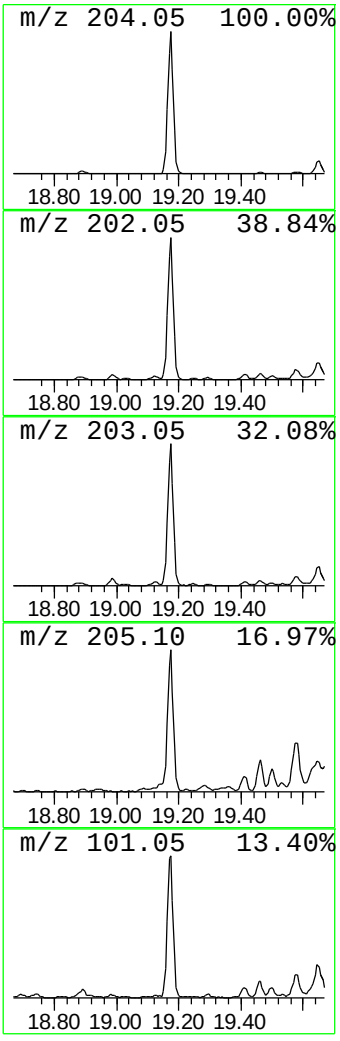
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	6.42 ng/ul	2467030	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	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	87
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86





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Sample : J2431-13DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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

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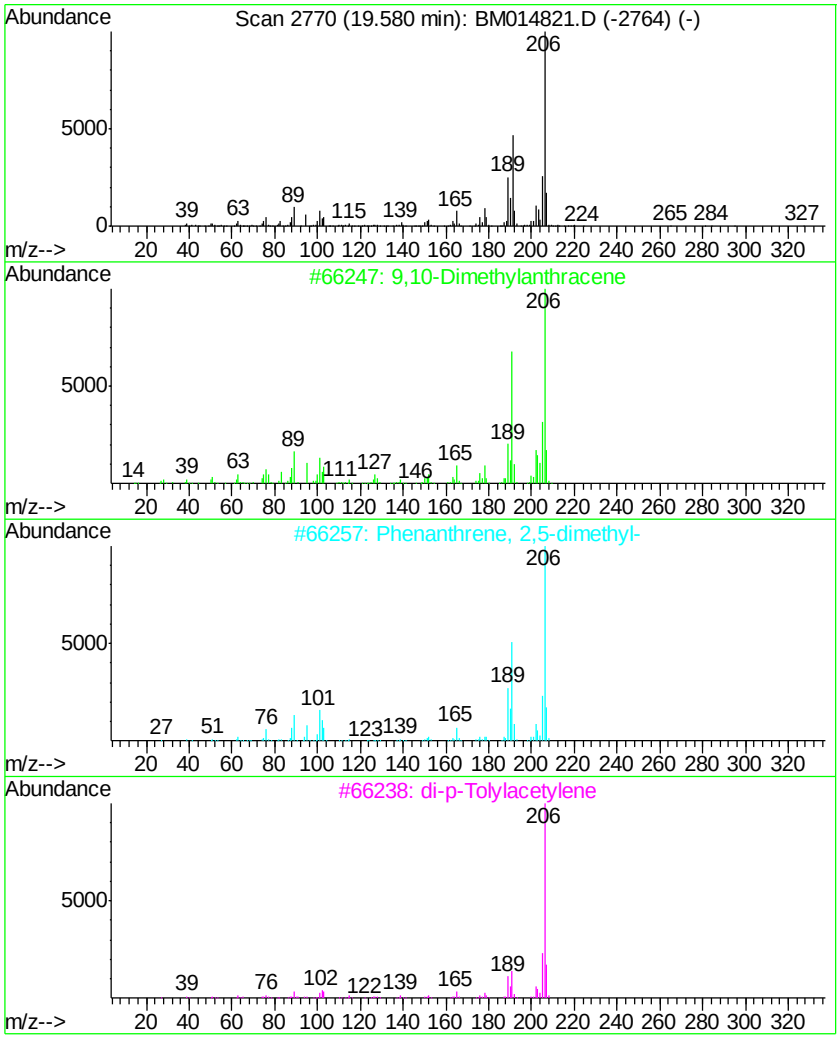
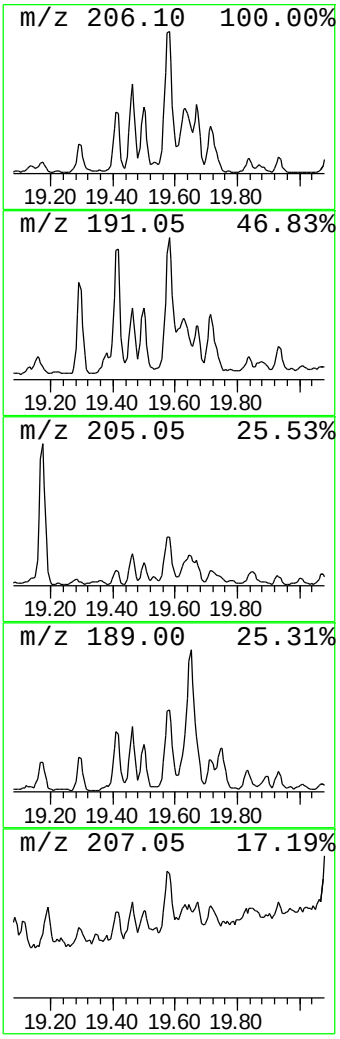
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	2.32 ng/ul	891731	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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Quant Title : SVOA CALIBRATION

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

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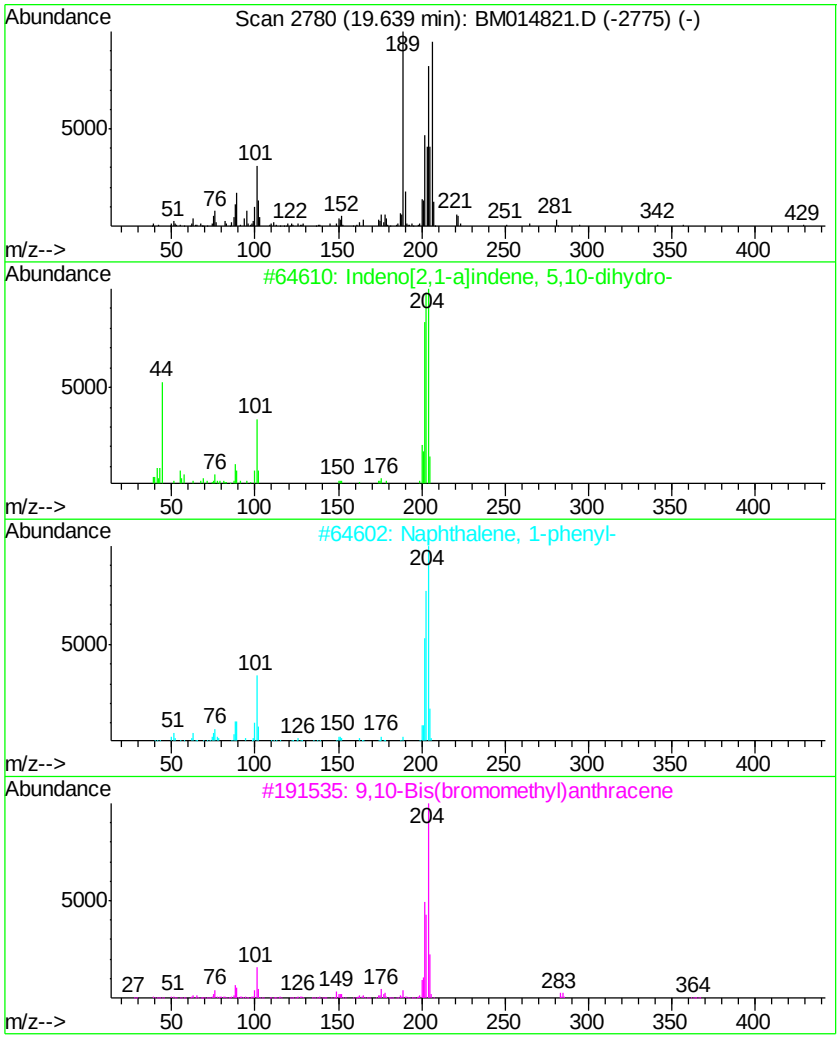
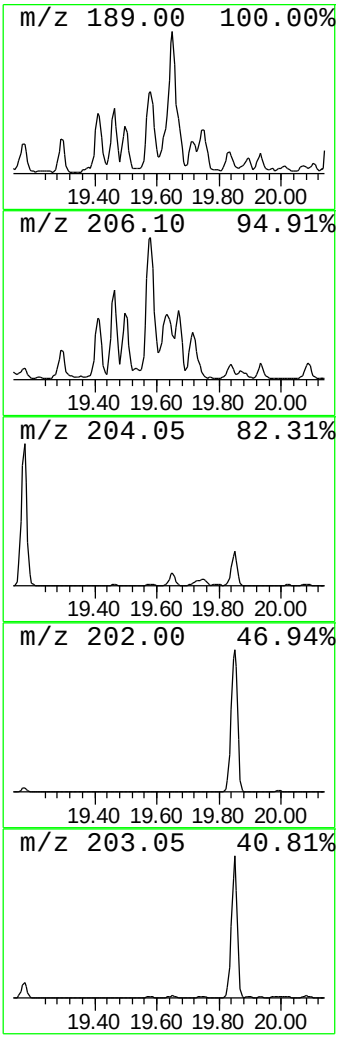
Peak Number 16 Indeno[2,1-a]indene, 5,10-d... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	2.59 ng/ul	997065	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	70
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	47
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	47





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
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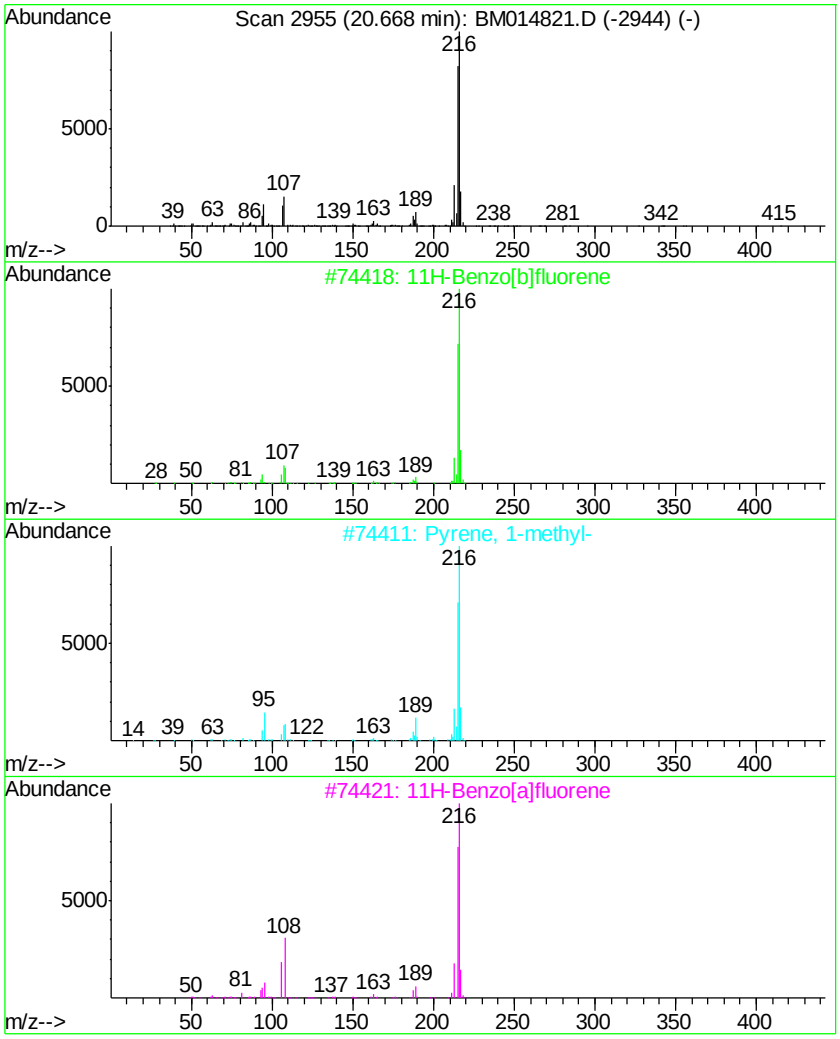
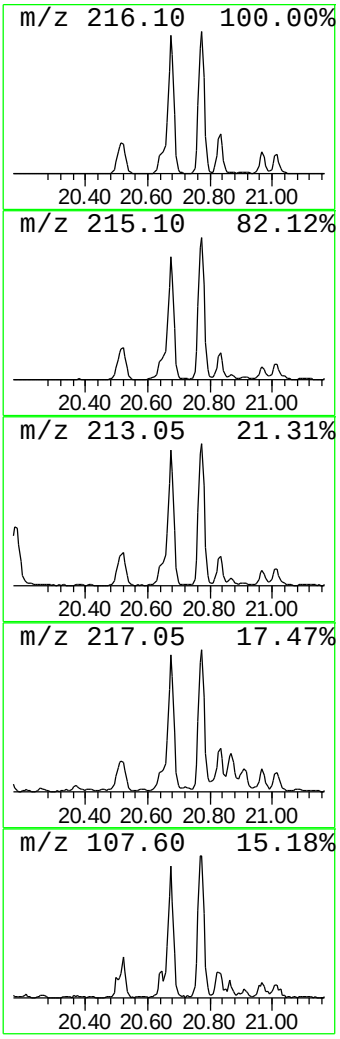
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	4.90 ng/ul	4277720	Chrysene-d12	21.93

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





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Misc :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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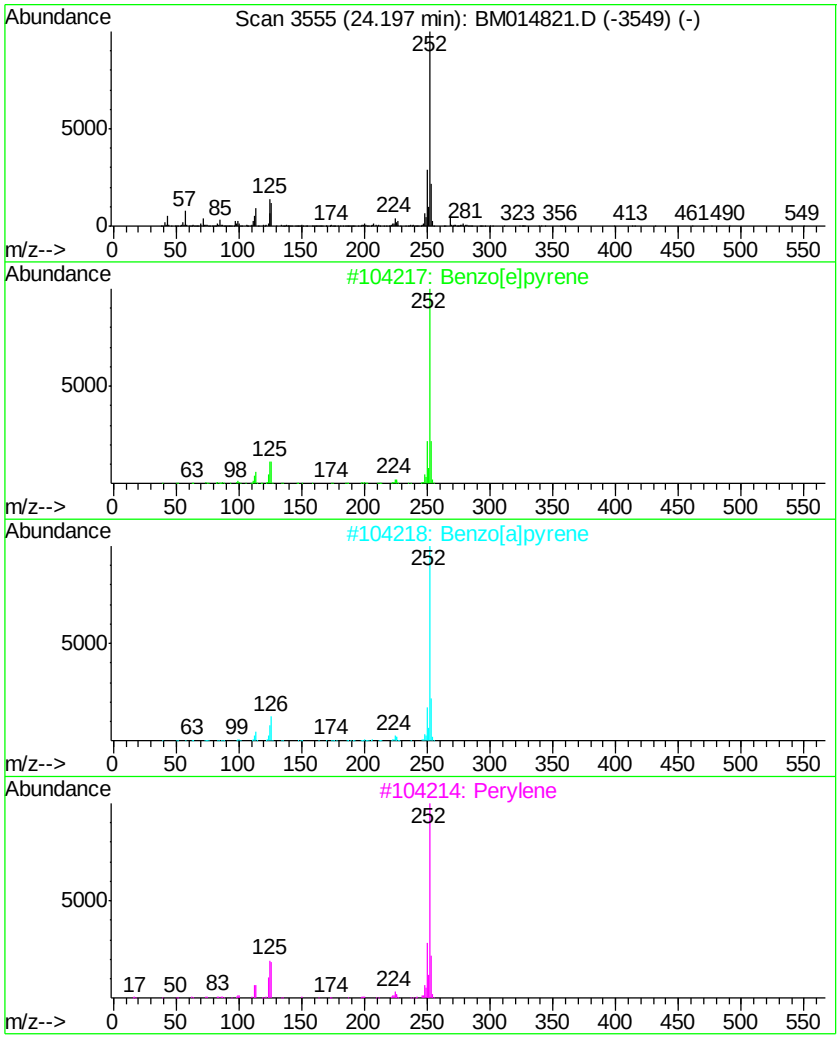
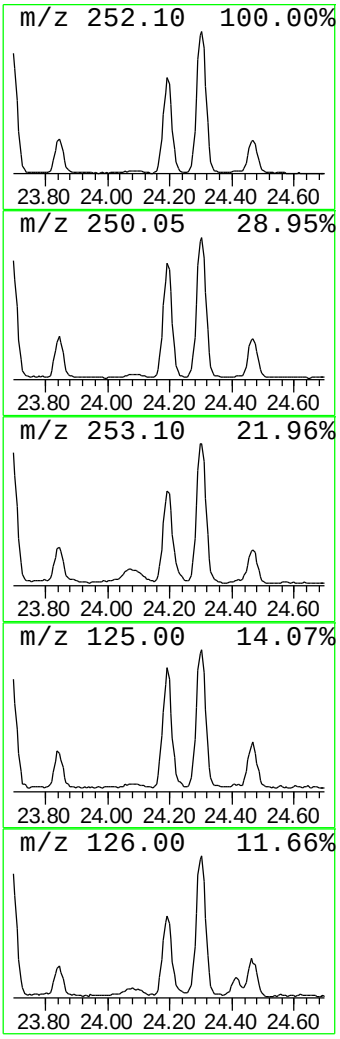
Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	5.52 ng/ul	1957740	Perylene-d12	24.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042418\
Data File : BM014821.D
Acq On : 24 Apr 2018 22:03
Operator : SJ/JU
Sample : J2431-13DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4DL

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
4-Methyl-3-heptan...	9.09	2.3	ng/ul	340538	1	8.52	3023040	20.0
Benzene, 1-methyl...	9.89	2.4	ng/ul	360184	1	8.52	3023040	20.0
Diphenylmethane	16.32	3.9	ng/ul	1237180	3	15.13	6389040	20.0
2,4,6-Cycloheptat...	16.44	5.6	ng/ul	1781390	3	15.13	6389040	20.0
6H-Dibenzo[b,d]-p...	16.59	6.0	ng/ul	2316660	4	17.84	7690840	20.0
9H-Fluorene, 2-me...	17.14	4.6	ng/ul	1781930	4	17.84	7690840	20.0
Benzene, 1-methyl...	17.36	2.0	ng/ul	789976	4	17.84	7690840	20.0
8-Dimethylaminona...	17.56	3.0	ng/ul	1163000	4	17.84	7690840	20.0
Dibenzothiophene	17.66	6.8	ng/ul	2612970	4	17.84	7690840	20.0
Phenanthrene, 2-m...	18.69	7.0	ng/ul	2702620	4	17.84	7690840	20.0
Phenanthrene, 1-m...	18.82	3.4	ng/ul	1318680	4	17.84	7690840	20.0
4H-Cyclopenta[def...	18.89	21.8	ng/ul	8371470	4	17.84	7690840	20.0
Naphthalene, 2-ph...	19.17	6.4	ng/ul	2467030	4	17.84	7690840	20.0
9,10-Dimethylanth...	19.58	2.3	ng/ul	891731	4	17.84	7690840	20.0
Indeno[2,1-a]inde...	19.64	2.6	ng/ul	997065	4	17.84	7690840	20.0
11H-Benzo[b]fluorene	20.67	4.9	ng/ul	4277720	5	21.93	17462900	20.0
Benzo[e]pyrene	24.20	5.5	ng/ul	1957740	6	24.41	7098790	20.0