LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014787.D
Acq On : 23 Apr 2018 21:51
Operator : SJ/JU
Sample : J2431-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP0

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	3.358	8	12	19	rVB	566525	717427	4.12%	0.457%
2	5.505	372	377	388	rVB	116389	188971	1.09%	0.120%
3	7.646	734	741	753	rBV	1580006	2591761	14.89%	1.651%
4	7.828	761	772	779	rBV	1173439	1888521	10.85%	1.203%
5	8.046	802	809	816	rVV	1424888	2413159	13.87%	1.537%
6	8.116	816	821	826	rVB	135996	196141	1.13%	0.125%
7	8.481	877	883	886	rBV	190841	279050	1.60%	0.178%
8	8.528	886	891	897	rVB	1215185	1894209	10.88%	1.206%
9	9.098	982	988	995	rVB2	104044	205456	1.18%	0.131%
10	9.222	1003	1009	1015	rVB	1576815	2508340	14.41%	1.597%
11	9.710	1085	1092	1097	rBV	1324544	2349558	13.50%	1.496%
12	9.893	1111	1123	1129	rVB6	72194	218105	1.25%	0.139%
13	10.434	1203	1215	1229	rBV2	1143917	2259134	12.98%	1.439%
14	10.545	1229	1234	1239	rVV	140995	243202	1.40%	0.155%
15	10.698	1251	1260	1265	rBV2	94244	196676	1.13%	0.125%
16	10.810	1273	1279	1284	rVB2	133086	217313	1.25%	0.138%
17	10.975	1301	1307	1315	rVB	1644822	2719472	15.63%	1.732%
18	11.045	1315	1319	1328	rVB	130265	216649	1.24%	0.138%
19	11.369	1366	1374	1381	rBV	1626651	2909494	16.72%	1.853%
20	11.492	1388	1395	1403	rBV	1599649	2799154	16.08%	1.783%
21	12.992	1644	1650	1658	rBV	223112	349804	2.01%	0.223%
22	13.210	1680	1687	1695	rVB	112949	199227	1.14%	0.127%
23	13.969	1812	1816	1822	rVB	193103	283297	1.63%	0.180%
24	14.169	1845	1850	1859	rVB	177844	303459	1.74%	0.193%
25	14.298	1864	1872	1873	rBV	258190	396629	2.28%	0.253%
26	14.451	1888	1898	1903	rBV	359090	664406	3.82%	0.423%
27	14.516	1903	1909	1914	rVV	2815487	4162980	23.92%	2.651%
28	14.563	1914	1917	1923	rVB	619997	875524	5.03%	0.558%
29	14.686	1933	1938	1942	rBV	185470	284531	1.63%	0.181%
30	14.828	1956	1962	1973	rBV	3189650	4953226	28.46%	3.155%
31	14.980	1984	1988	1994	rVB	199528	259530	1.49%	0.165%
32	15.086	1997	2006	2008	rBV	253298	367922	2.11%	0.234%
33	15.128	2008	2013	2019	rVB2	2182316	3329880	19.13%	2.121%
34	15.192	2019	2024	2030	rVB	1519690	2238911	12.87%	1.426%

LSC Area Percent Report

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Data File : BM014787.D
Acq On : 23 Apr 2018 21:51
Operator : SJ/JU
Sample : J2431-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP0

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	15.280	2030	2039	2044	rBV	1002205	1479975	8.50%	0.943%
36	15.428	2055	2064	2068	rBV3	142937	298552	1.72%	0.190%
37	15.516	2073	2079	2086	rVV	1314634	2083270	11.97%	1.327%
38	15.586	2086	2091	2099	rVB	164634	264514	1.52%	0.168%
39	15.916	2135	2147	2153	rBV2	276344	608251	3.50%	0.387%
40	16.104	2173	2179	2184	rBV	3869070	5494629	31.57%	3.499%
41	16.157	2184	2188	2193	rVV	2542623	3696243	21.24%	2.354%
42	16.204	2193	2196	2201	rVB	800536	980429	5.63%	0.624%
43	16.316	2211	2215	2221	rVB2	415083	626256	3.60%	0.399%
44	16.410	2227	2231	2233	rBV	195872	280618	1.61%	0.179%
45	16.445	2233	2237	2249	rVB	487877	749084	4.30%	0.477%
46	16.586	2255	2261	2269	rVB	498079	981972	5.64%	0.625%
47	16.769	2287	2292	2295	rBV	177903	281337	1.62%	0.179%
48	16.939	2317	2321	2327	rVB	184726	265834	1.53%	0.169%
49	17.145	2345	2356	2361	rBV2	337443	704346	4.05%	0.449%
50	17.292	2375	2381	2386	rVB3	122843	237372	1.36%	0.151%
51	17.363	2386	2393	2397	rBV4	144882	304818	1.75%	0.194%
52	17.557	2421	2426	2431	rBV2	152168	294042	1.69%	0.187%
53	17.663	2438	2444	2455	rVB	844507	1277841	7.34%	0.814%
54	17.839	2468	2474	2477	rBV	2639415	3910373	22.47%	2.490%
55	17.886	2477	2482	2487	rVV	12242023	17402552	100.00%	11.083%
56	17.939	2487	2491	2494	rVV	4113165	5800439	33.33%	3.694%
57	17.974	2494	2497	2502	rVV	2037153	2731545	15.70%	1.740%
58	18.027	2502	2506	2511	rVB	135687	214009	1.23%	0.136%
59	18.345	2555	2560	2567	rBV2	149113	258433	1.49%	0.165%
60	18.668	2610	2615	2617	rBV	495073	691509	3.97%	0.440%
61	18.698	2617	2620	2624	rVV	723997	976262	5.61%	0.622%
62	18.745	2624	2628	2634	rVV	880498	1194907	6.87%	0.761%
63	18.821	2636	2641	2646	rVV	316661	461468	2.65%	0.294%
64	18.892	2646	2653	2667	rVB2	1478818	2767261	15.90%	1.762%
65	19.174	2696	2701	2706	rBV	552768	753880	4.33%	0.480%
66	19.580	2765	2770	2775	rBV	163649	314242	1.81%	0.200%
67	19.651	2779	2782	2789	rVB2	118457	232107	1.33%	0.148%
68	19.845	2807	2815	2821	rBV	7266652	9539661	54.82%	6.075%
69	19.904	2821	2825	2828	rVV2	166222	222465	1.28%	0.142%
70	20.086	2848	2856	2863	rVB3	195858	452937	2.60%	0.288%
71	20.174	2864	2871	2874	rBV2	5440322	8960439	51.49%	5.707%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J2431-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP0

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	20.204	2874	2876	2883	rVV	5180927	5751275	33.05%	3.663%
73	20.262	2883	2886	2894	rVB2	197646	296663	1.70%	0.189%
74	20.368	2900	2904	2909	rVB2	296806	394823	2.27%	0.251%
75	20.504	2922	2927	2935	rBV3	221809	570144	3.28%	0.363%
76	20.674	2944	2956	2961	rBV	815119	1402845	8.06%	0.893%
77	20.774	2968	2973	2977	rBV	914965	1252890	7.20%	0.798%
78	20.833	2981	2983	2986	rVB2	202289	214519	1.23%	0.137%
79	21.362	3070	3073	3077	rBV	153829	179824	1.03%	0.115%
80	21.580	3105	3110	3118	rBV3	1192732	1950239	11.21%	1.242%
81	21.651	3118	3122	3126	rVV2	279782	383828	2.21%	0.244%
82	21.792	3142	3146	3152	rBV	1039781	1287600	7.40%	0.820%
83	21.927	3161	3169	3173	rBV2	3570638	7243027	41.62%	4.613%
84	21.962	3173	3175	3184	rVB	1427251	1740283	10.00%	1.108%
85	22.092	3194	3197	3203	rVB	264677	338288	1.94%	0.215%
86	23.656	3458	3463	3468	rBV	493972	1131983	6.50%	0.721%
87	24.256	3559	3565	3571	rBV	2886201	5330565	30.63%	3.395%
88	24.415	3586	3592	3600	rBV	1992692	4075401	23.42%	2.595%

Sum of corrected areas: 157019187

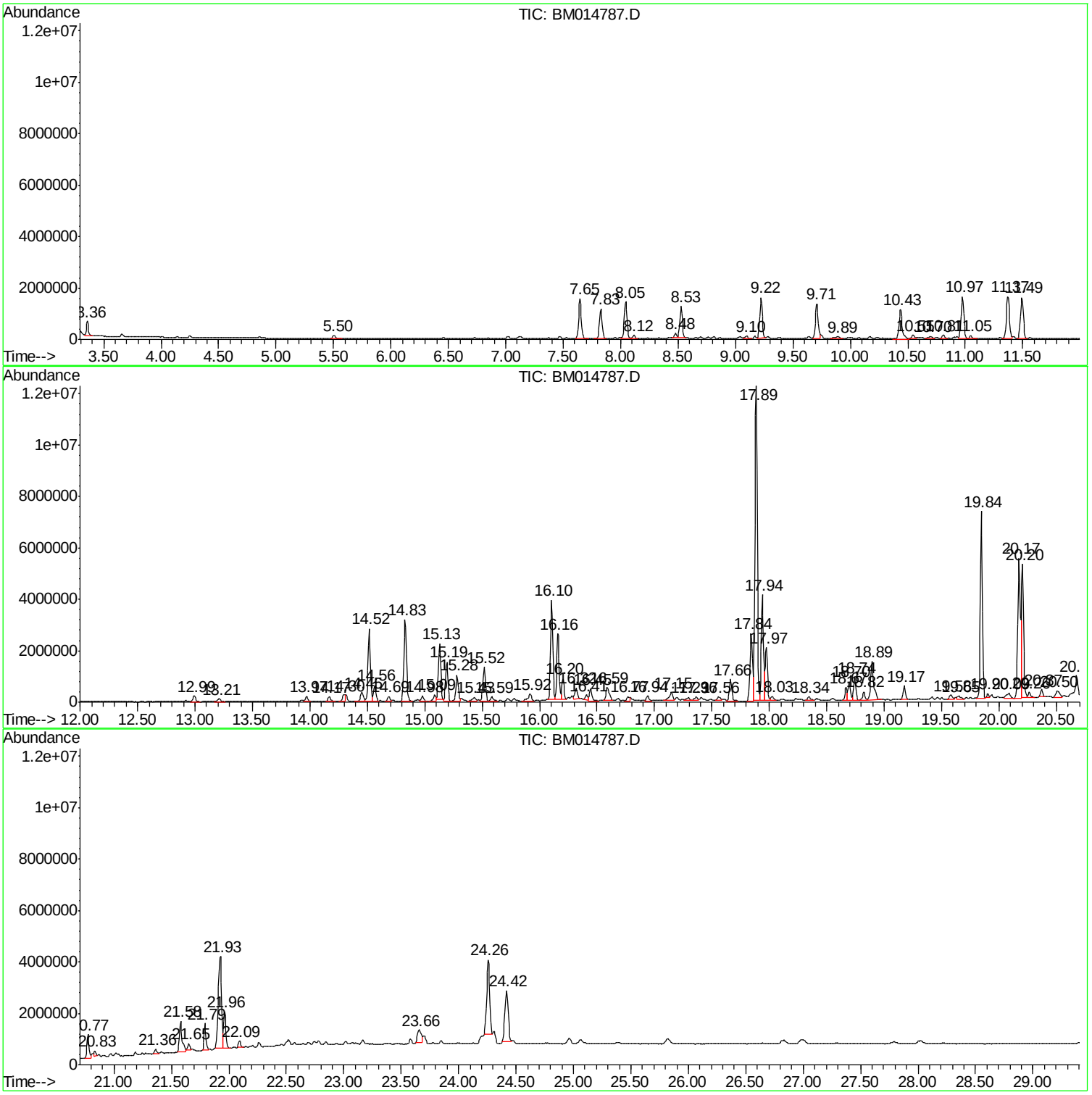
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014787.D
Acq On : 23 Apr 2018 21:51
Operator : SJ/JU
Sample : J2431-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP0

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\BM042318\
Data File : BM014787.D
Acq On : 23 Apr 2018 21:51
Operator : SJ/JU
Sample : J2431-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP0

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

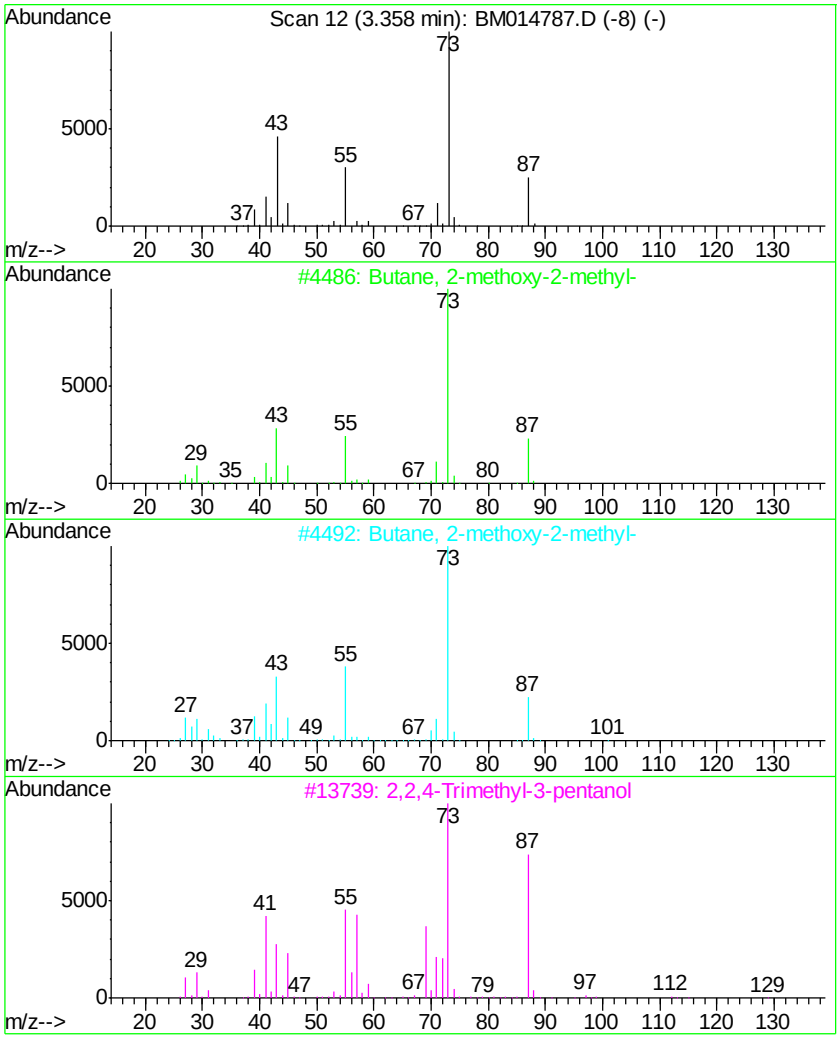
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

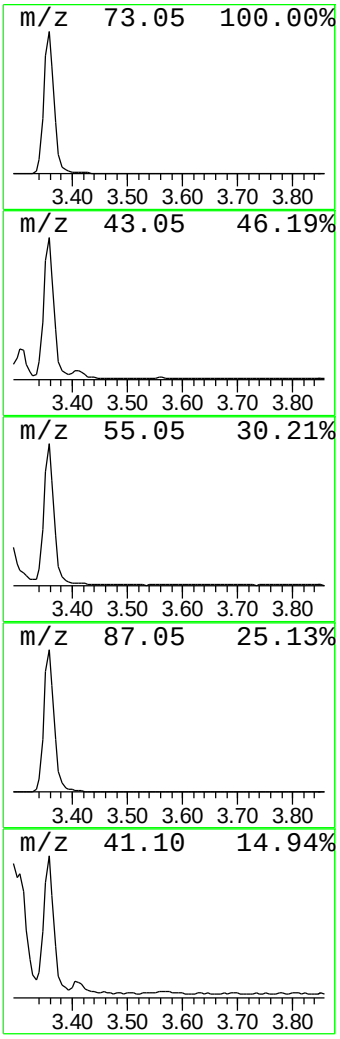
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.36	7.57 ng/ul	717427	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014787.D
Acq On : 23 Apr 2018 21:51
Operator : SJ/JU
Sample : J2431-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP0

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

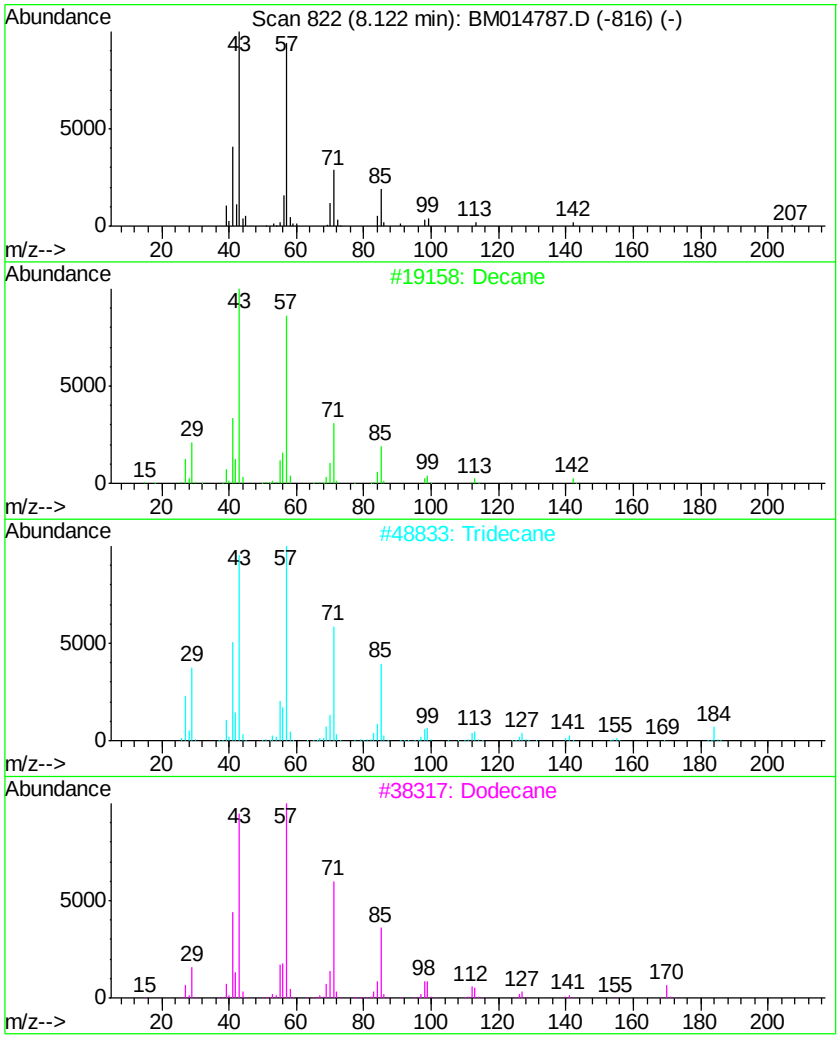
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

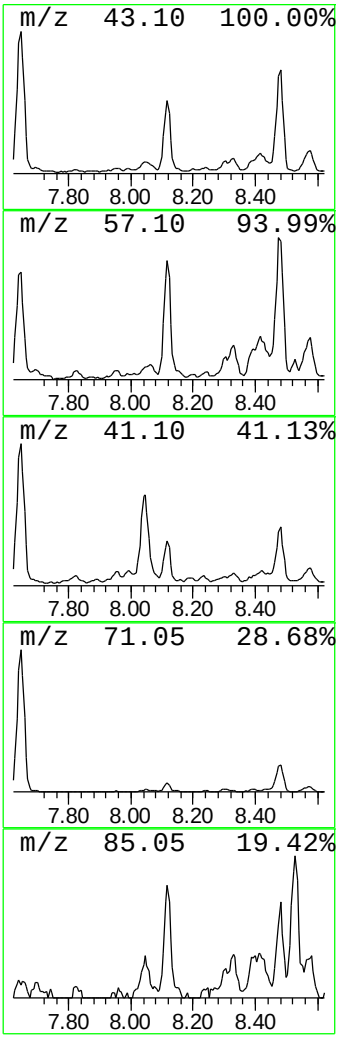
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	2.07 ng/ul	196141	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Tridecane	184	C13H28	000629-50-5	83
3	Dodecane	170	C12H26	000112-40-3	72
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72
5	Undecane	156	C11H24	001120-21-4	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014787.D
Acq On : 23 Apr 2018 21:51
Operator : SJ/JU
Sample : J2431-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP0

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

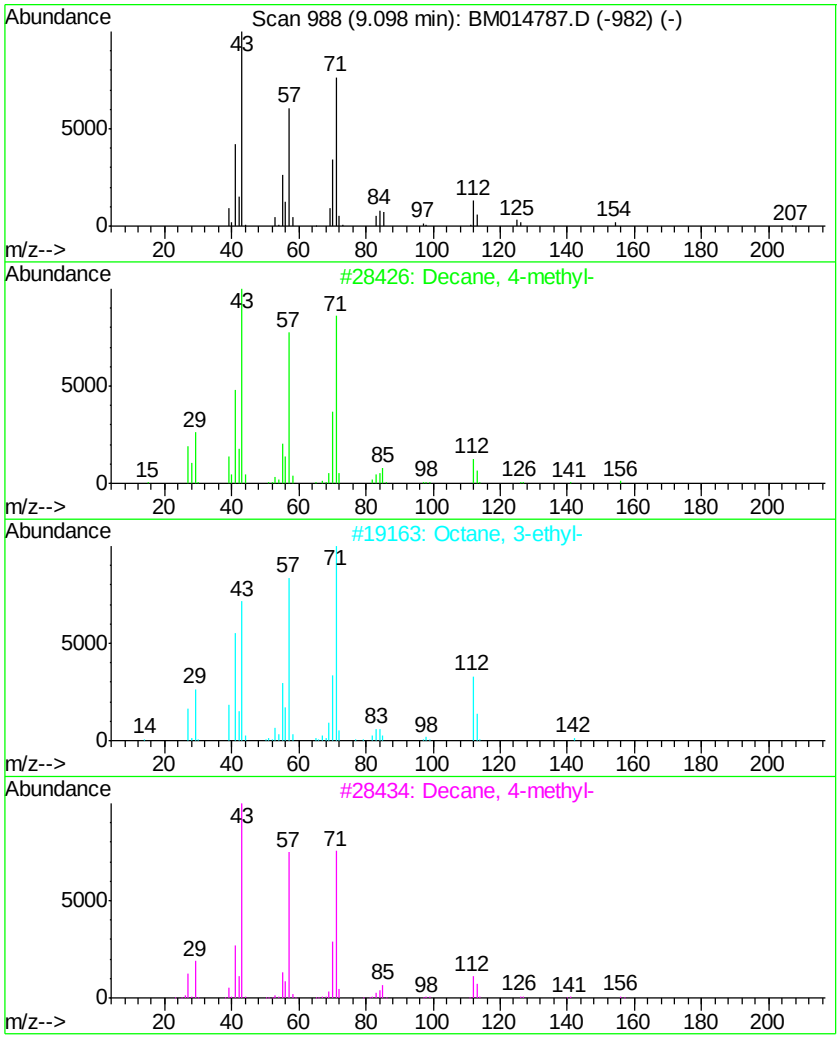
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

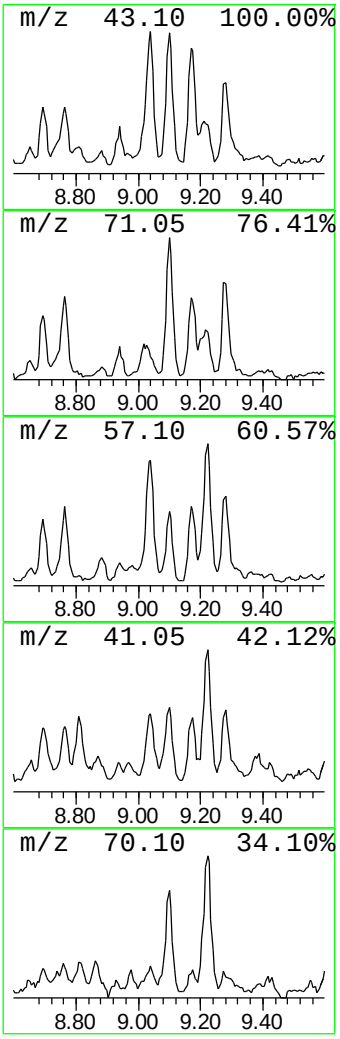
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	2.17 ng/ul	205456	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	90
2	Octane, 3-ethyl-	142	C10H22	005881-17-4	83
3	Decane, 4-methyl-	156	C11H24	002847-72-5	78
4	Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	72
5	Propanal, 2-propenylhydrazone	112	C6H12N2	019031-78-8	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
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Acq On : 23 Apr 2018 21:51
Operator : SJ/JU
Sample : J2431-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP0

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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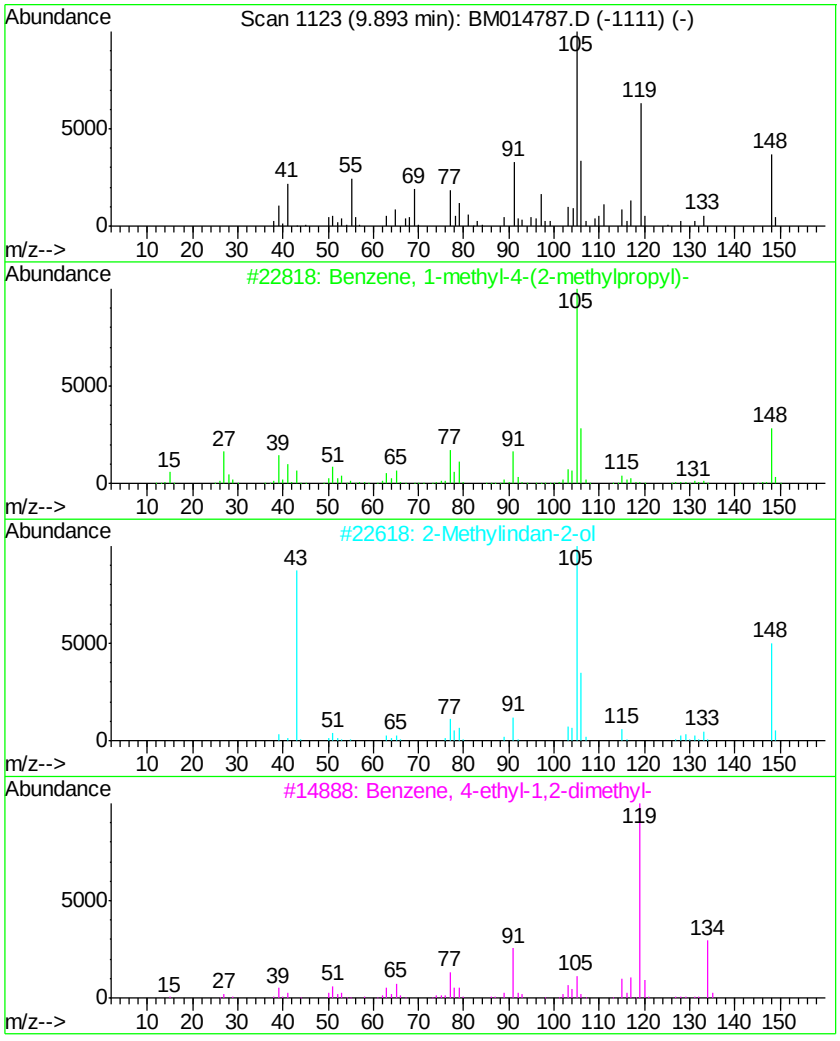
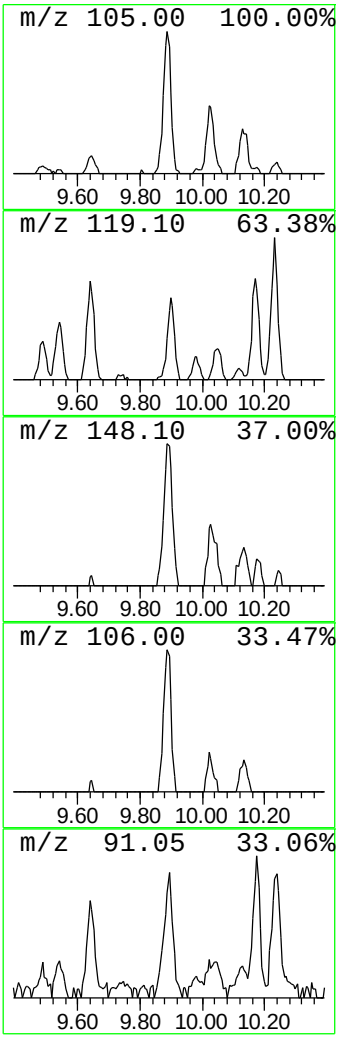
Peak Number 4 Benzene, 1-methyl-4-(2-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	2.30 ng/ul	218105	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	55
2	2-Methylindan-2-ol	148	C10H12O	033223-84-6	55
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	43
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	43
5	4-Methylphenyl acetone	148	C10H12O	002096-86-8	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014787.D
Acq On : 23 Apr 2018 21:51
Operator : SJ/JU
Sample : J2431-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP0

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

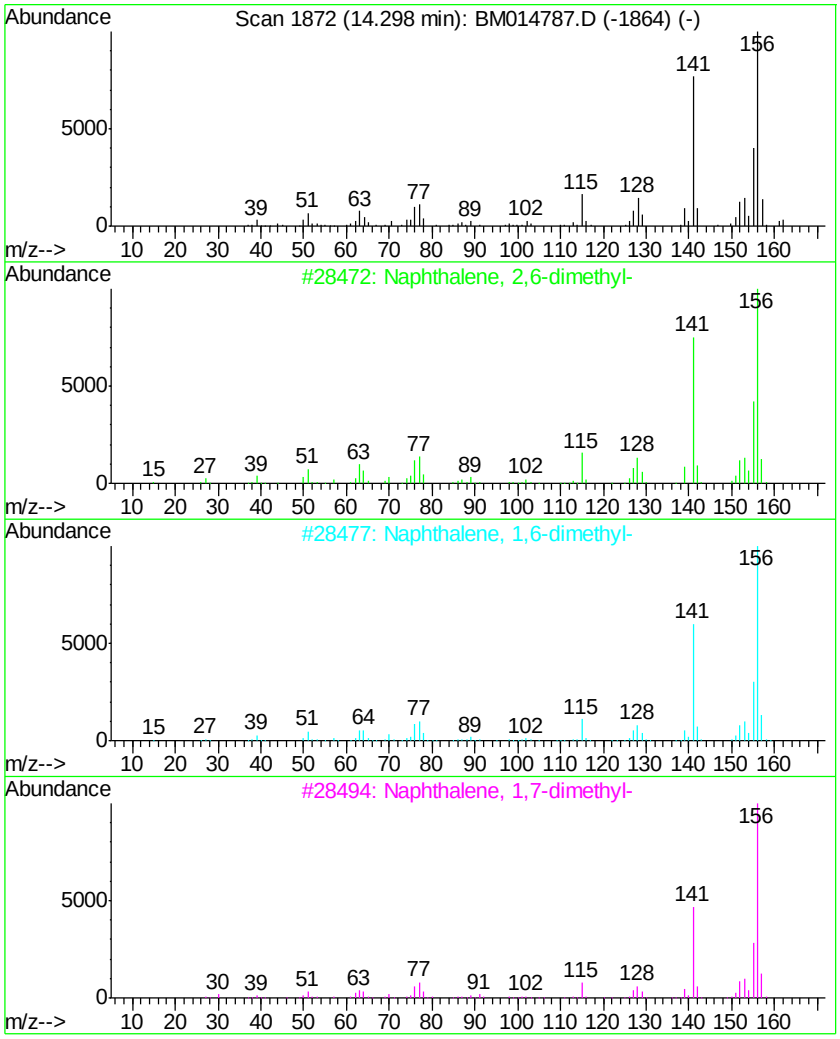
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

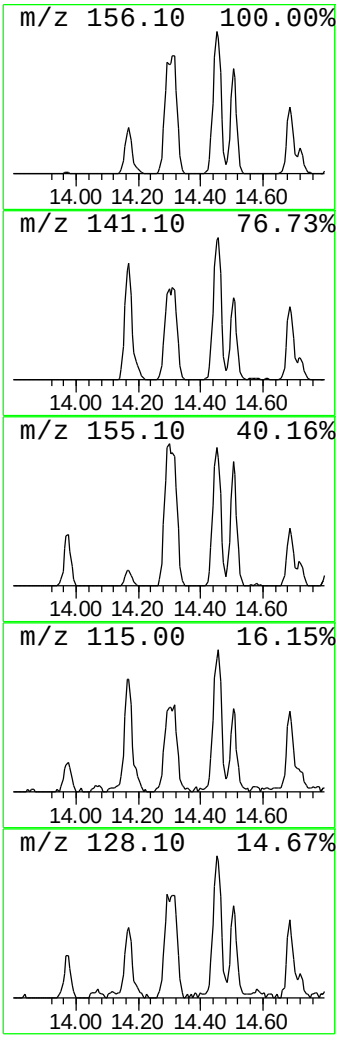
****

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.38 ng/ul	396629	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, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014787.D
Acq On : 23 Apr 2018 21:51
Operator : SJ/JU
Sample : J2431-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP0

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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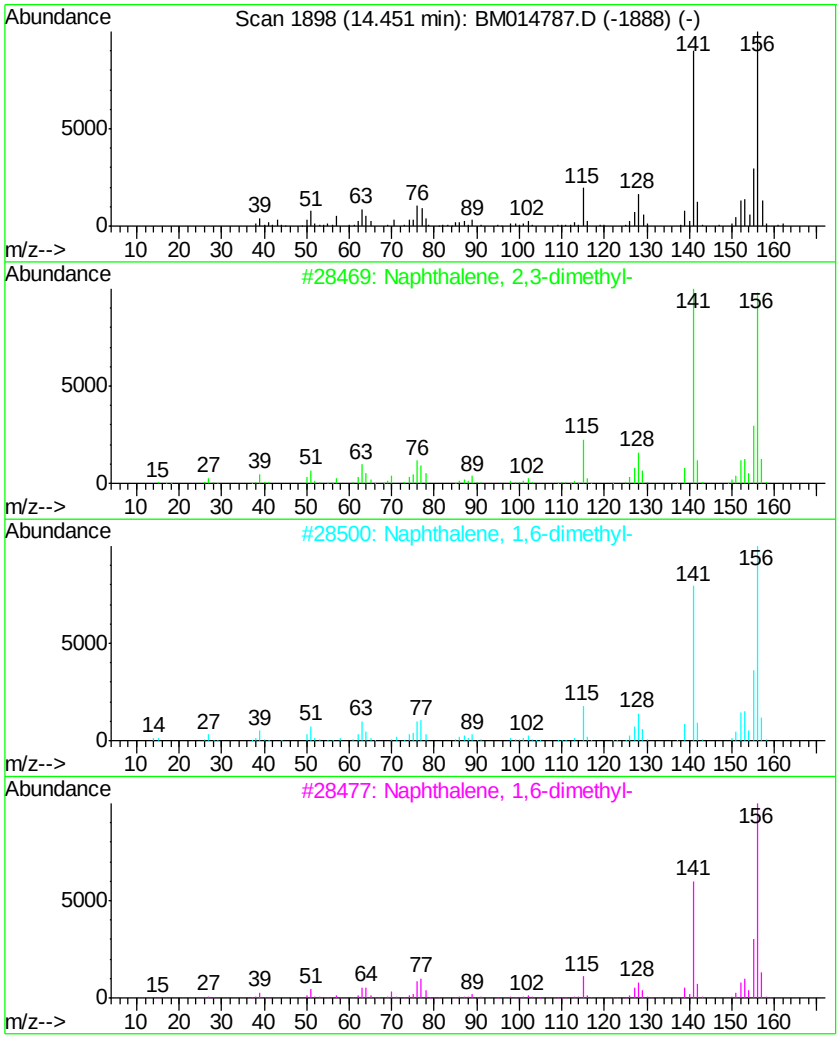
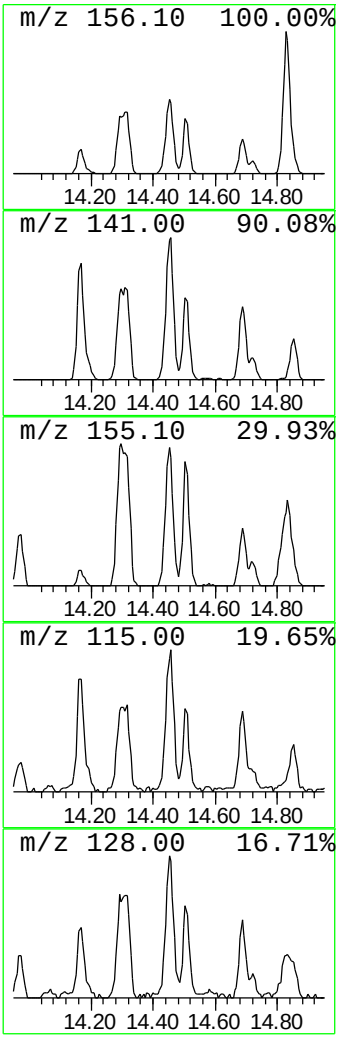
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	3.99 ng/ul	664406	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Sample : J2431-09
Misc :
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ClientSampleId : DASP0

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Quant Title : SVOA CALIBRATION

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

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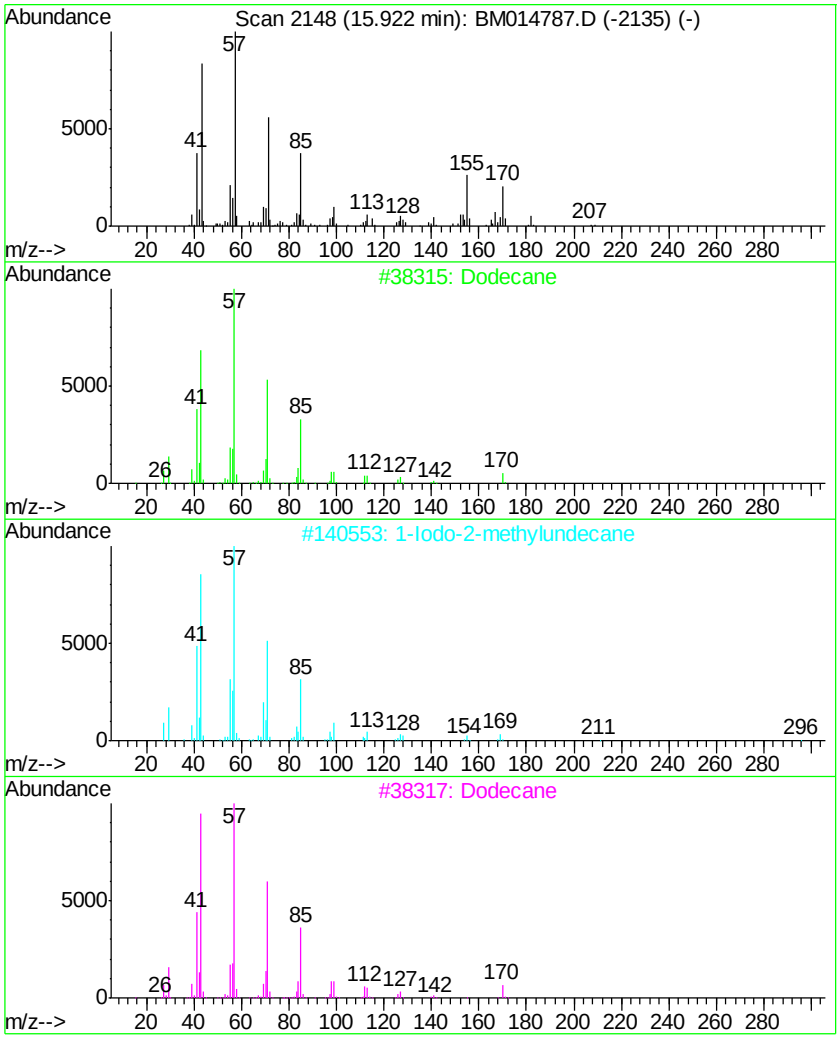
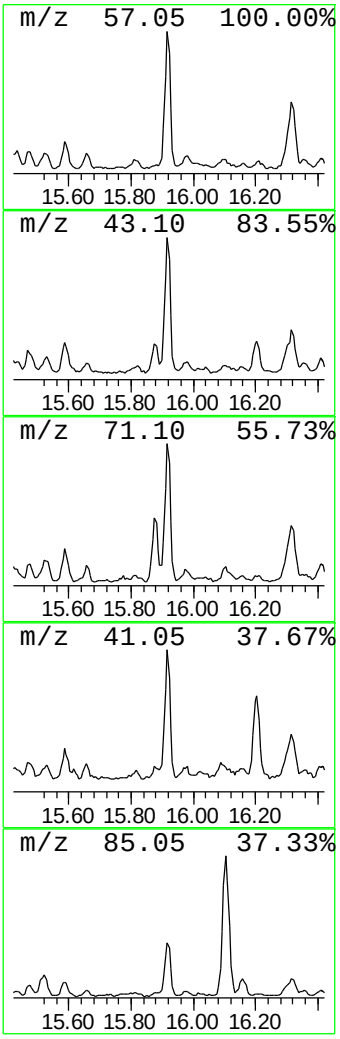
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	3.65 ng/ul	608251	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
3	Dodecane	170	C12H26	000112-40-3	70
4	Hexadecane	226	C16H34	000544-76-3	70
5	Tetradecane	198	C14H30	000629-59-4	64





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Quant Title : SVOA CALIBRATION

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

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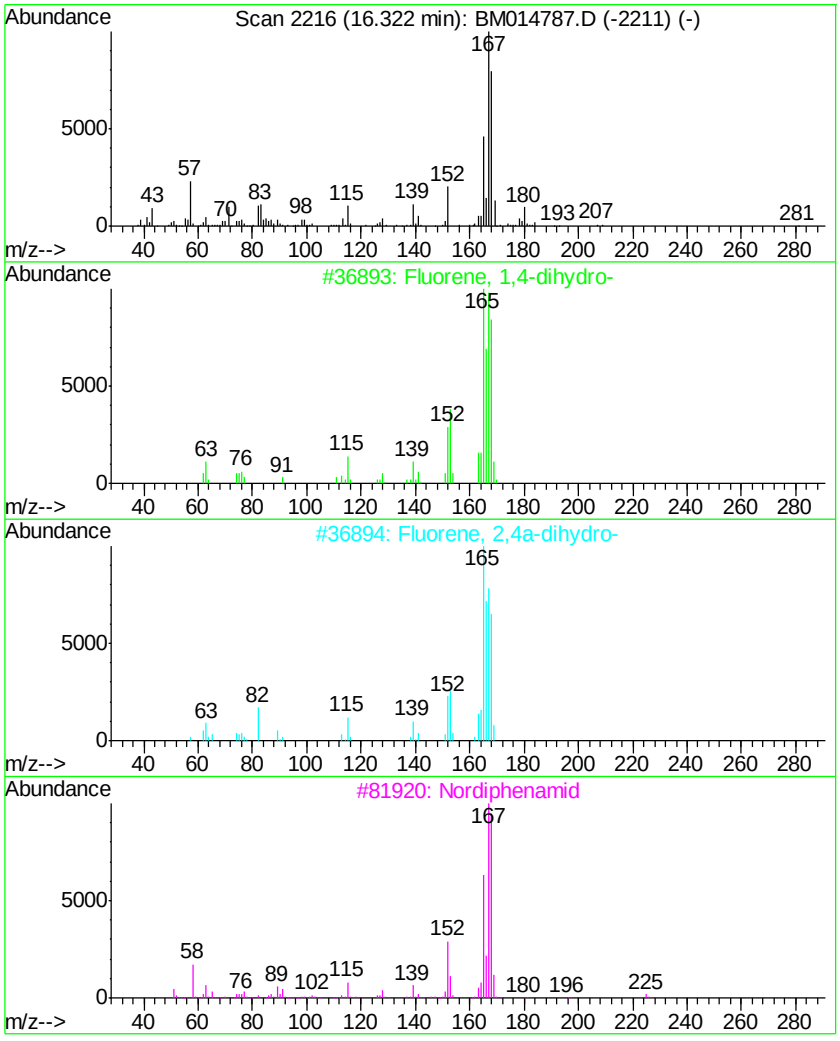
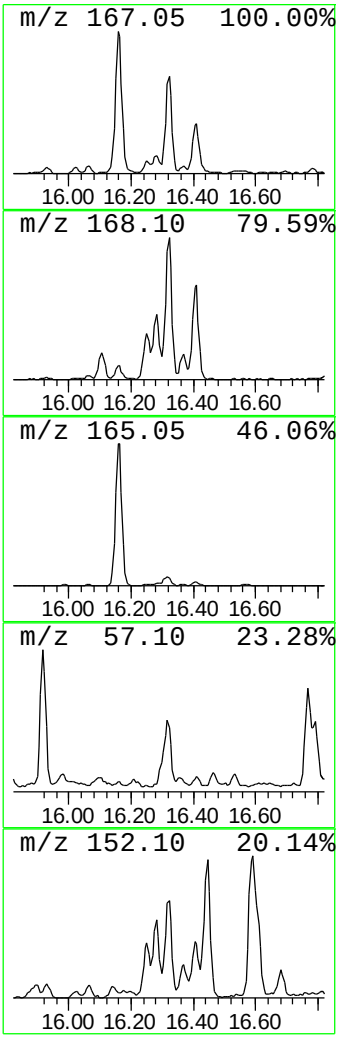
Peak Number 8 Fluorene, 1,4-dihydro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	3.76 ng/ul	626256	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	90
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	89
3	Nordiphenamid	225	C15H15NO	000954-21-2	87
4	Diphenylmethane	168	C13H12	000101-81-5	76
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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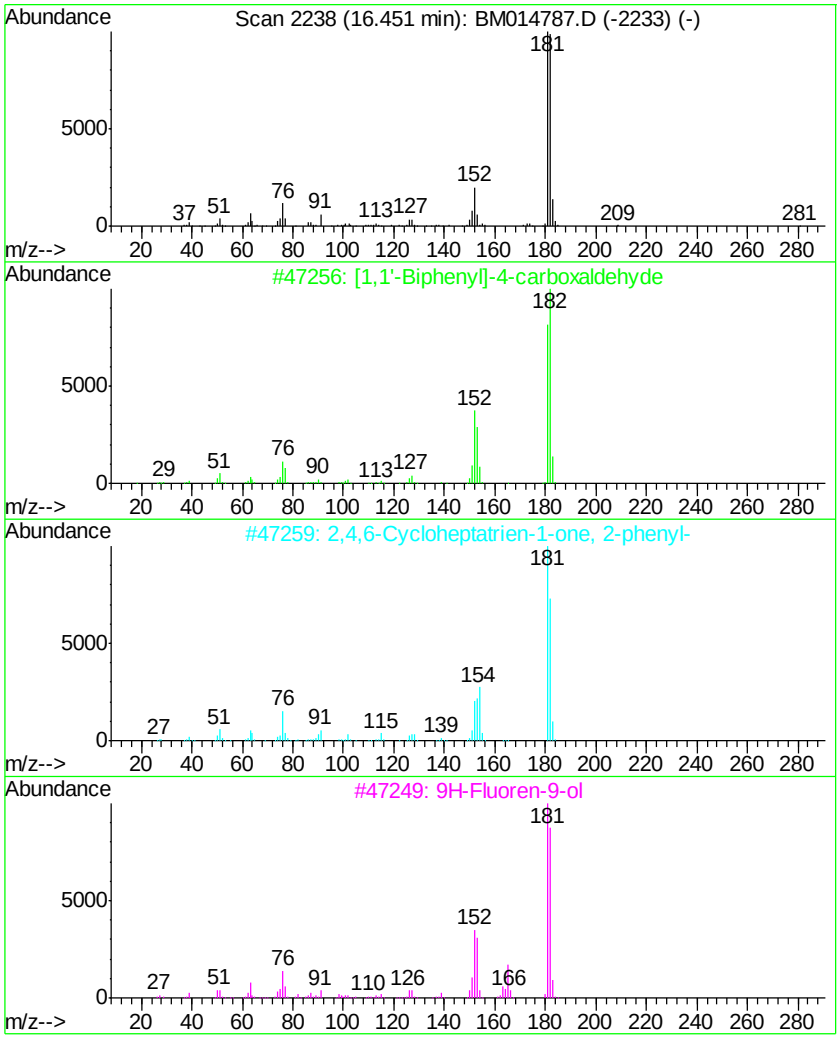
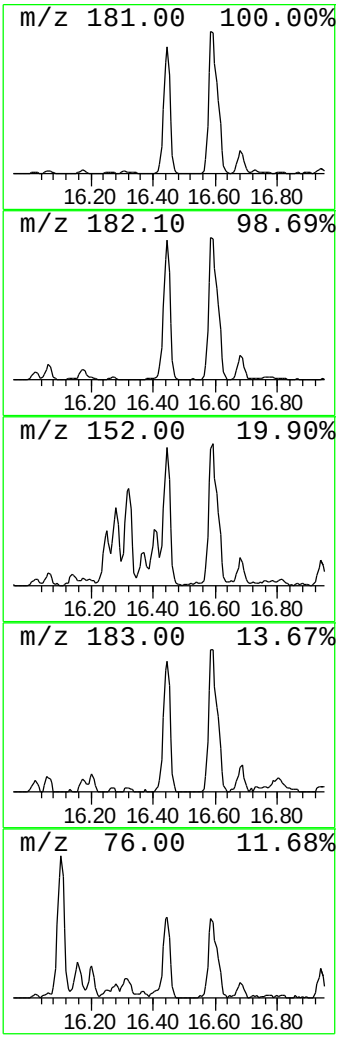
Peak Number 9 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	4.50 ng/ul	749084	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	78





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Quant Title : SVOA CALIBRATION

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

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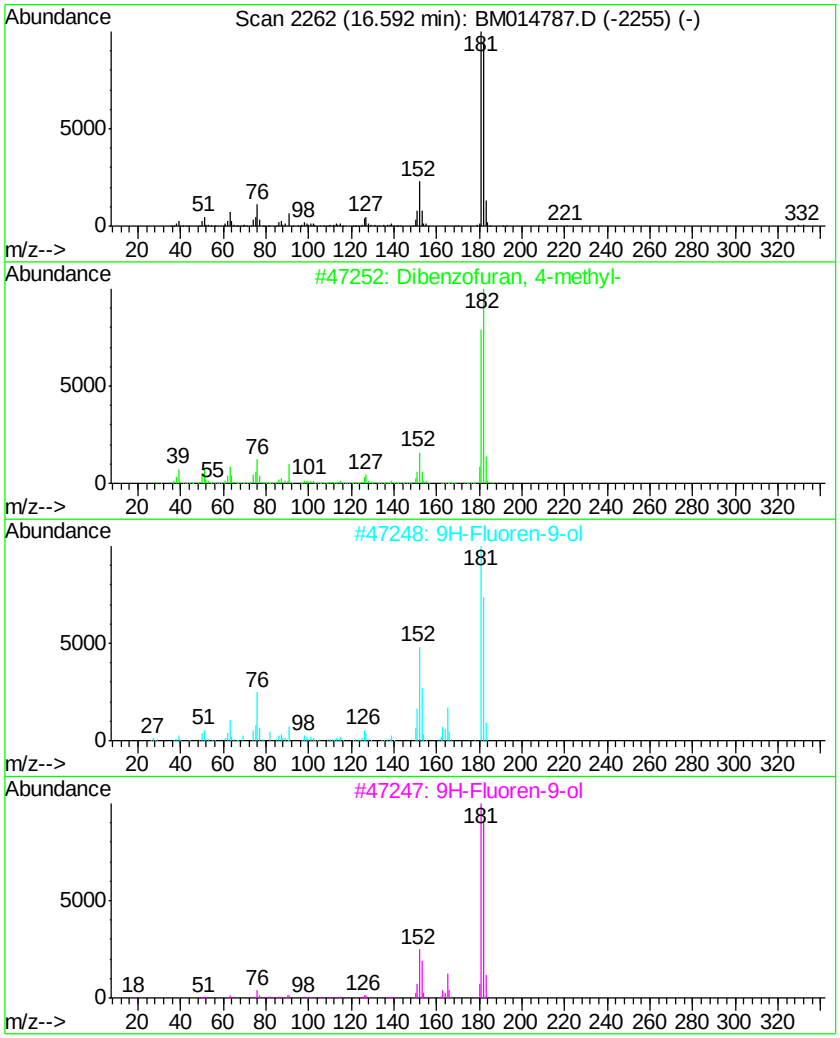
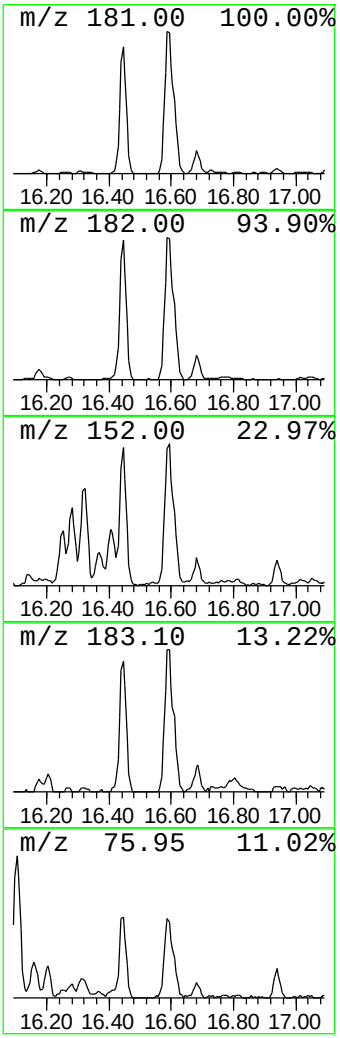
Peak Number 10 Dibenzofuran, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	5.02 ng/ul	981972	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	89
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





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Quant Title : SVOA CALIBRATION

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

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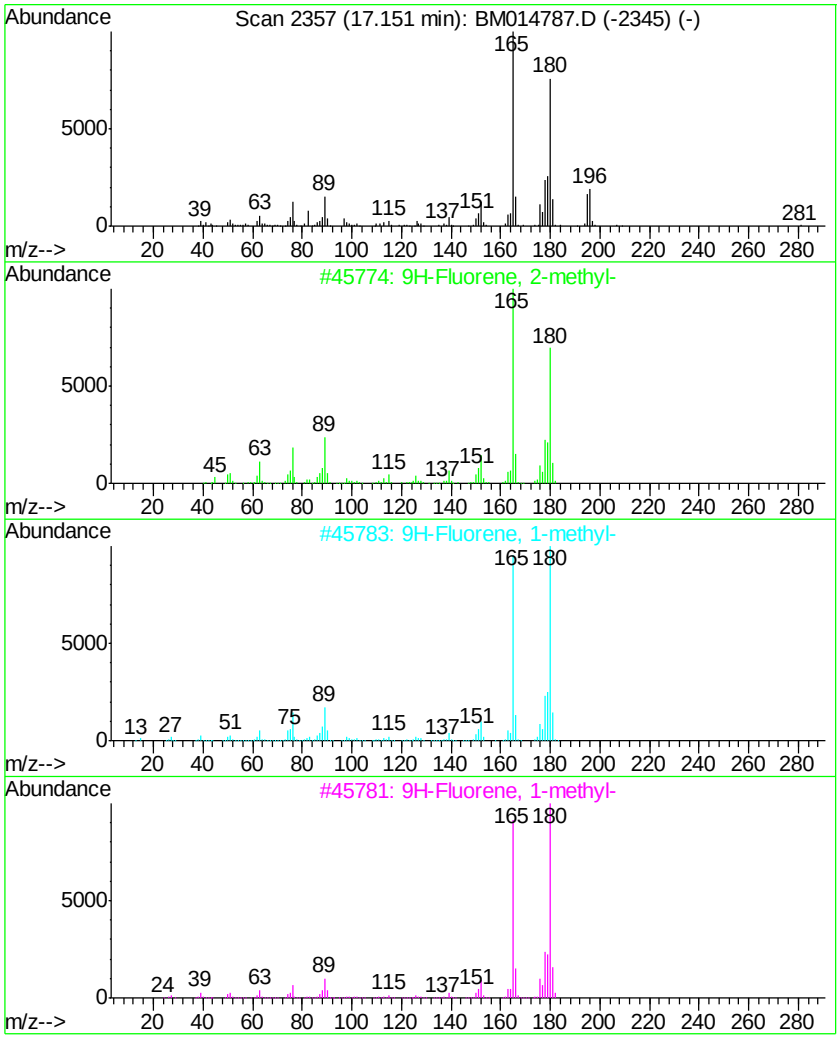
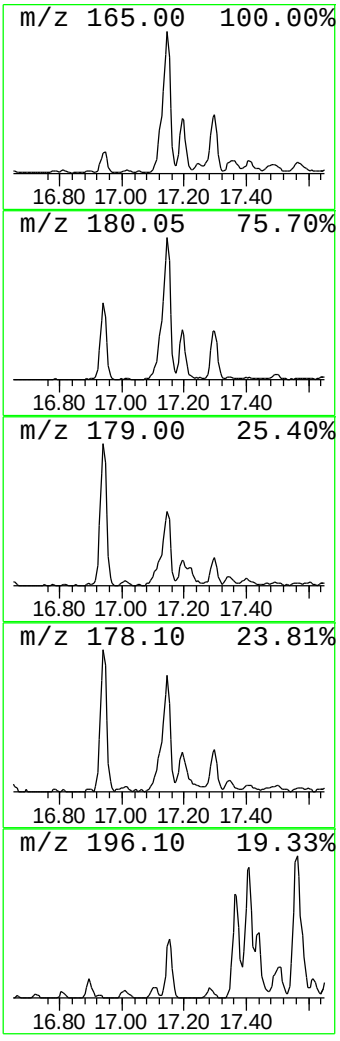
Peak Number 11 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	3.60 ng/ul	704346	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, 1-methyl-	180	C14H12	001730-37-6	96
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95





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Quant Title : SVOA CALIBRATION

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

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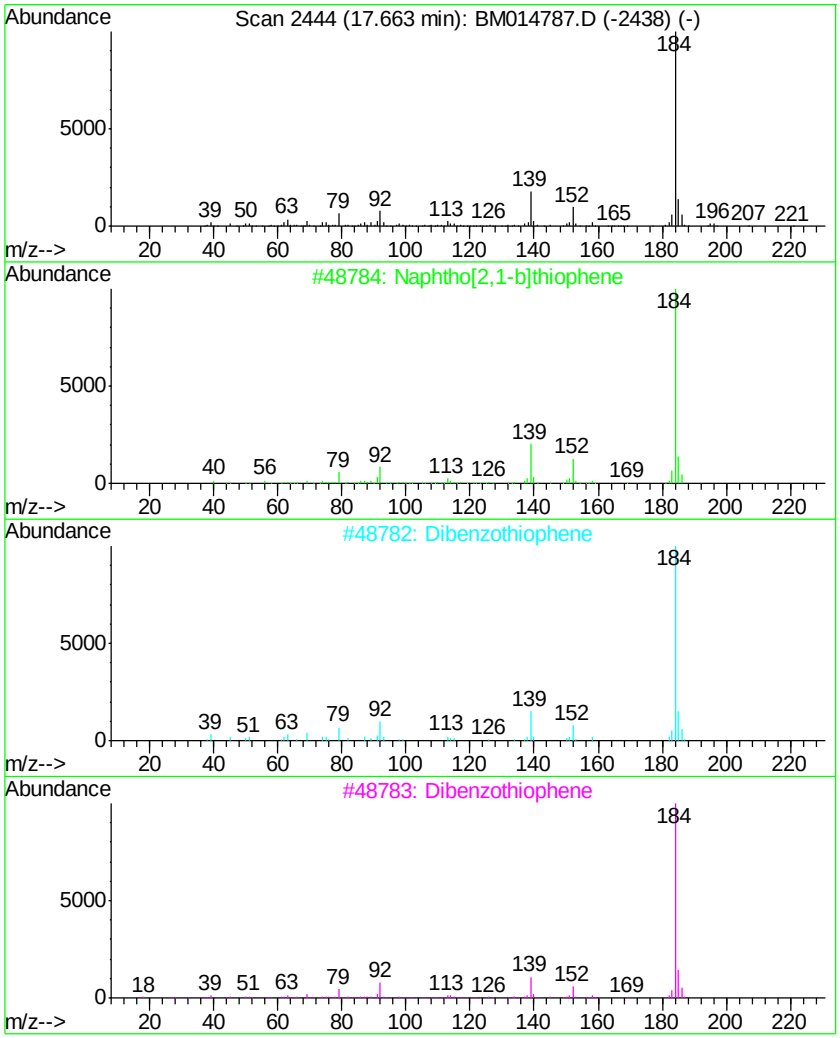
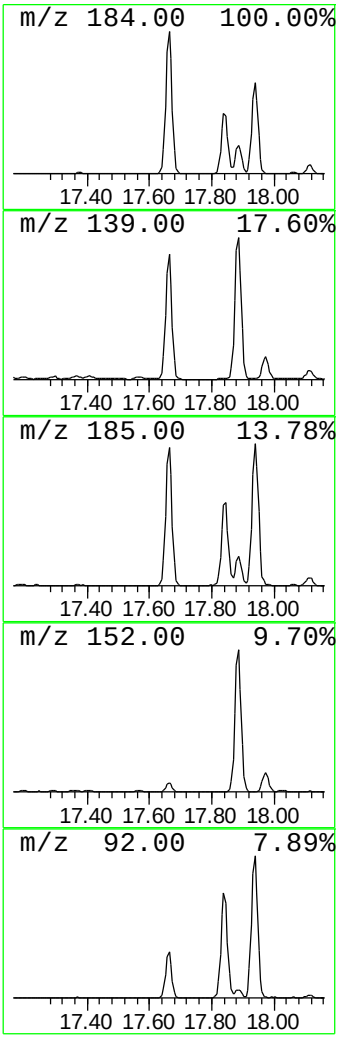
Peak Number 12 Naphtho[2,1-b]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	6.54 ng/ul	1277840	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	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94





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Quant Title : SVOA CALIBRATION

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

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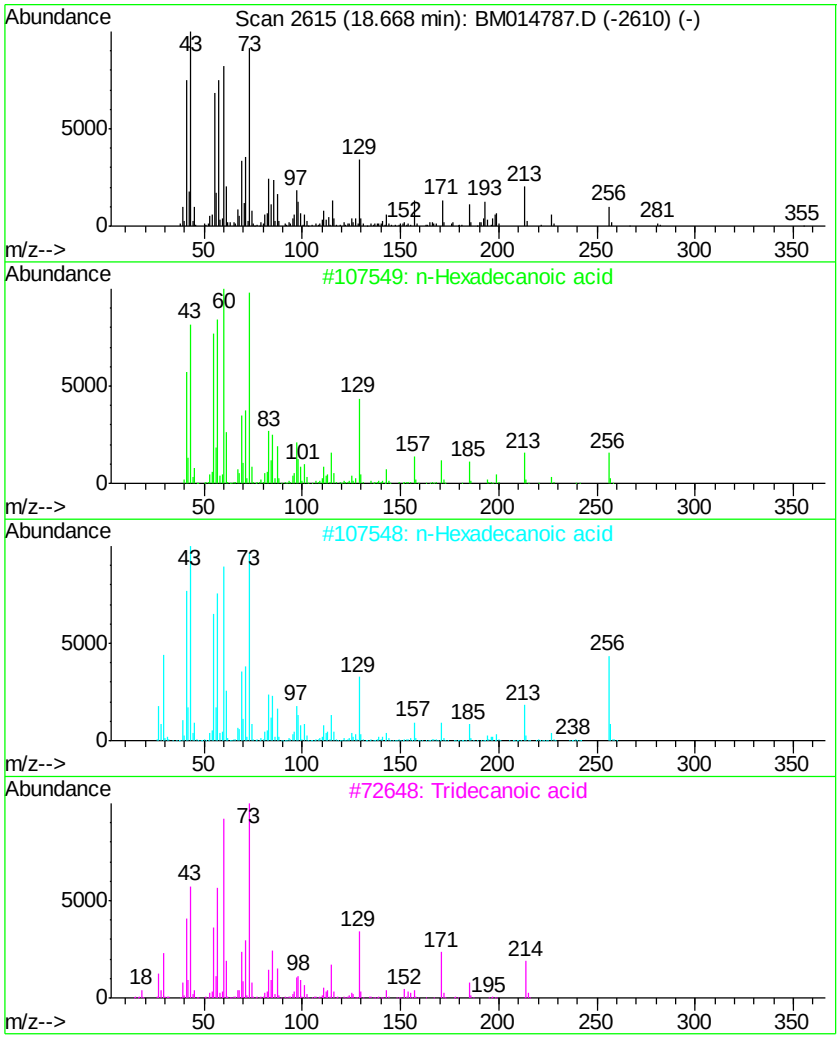
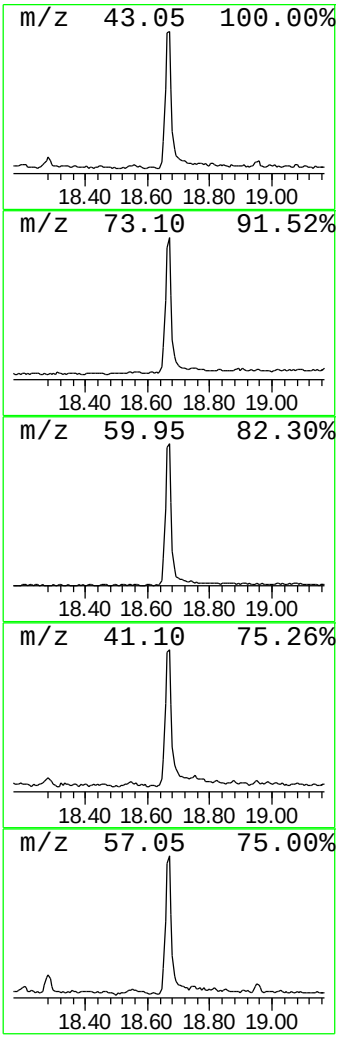
Peak Number 13 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	3.54 ng/ul	691509	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	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 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	4.99 ng/ul	976262	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
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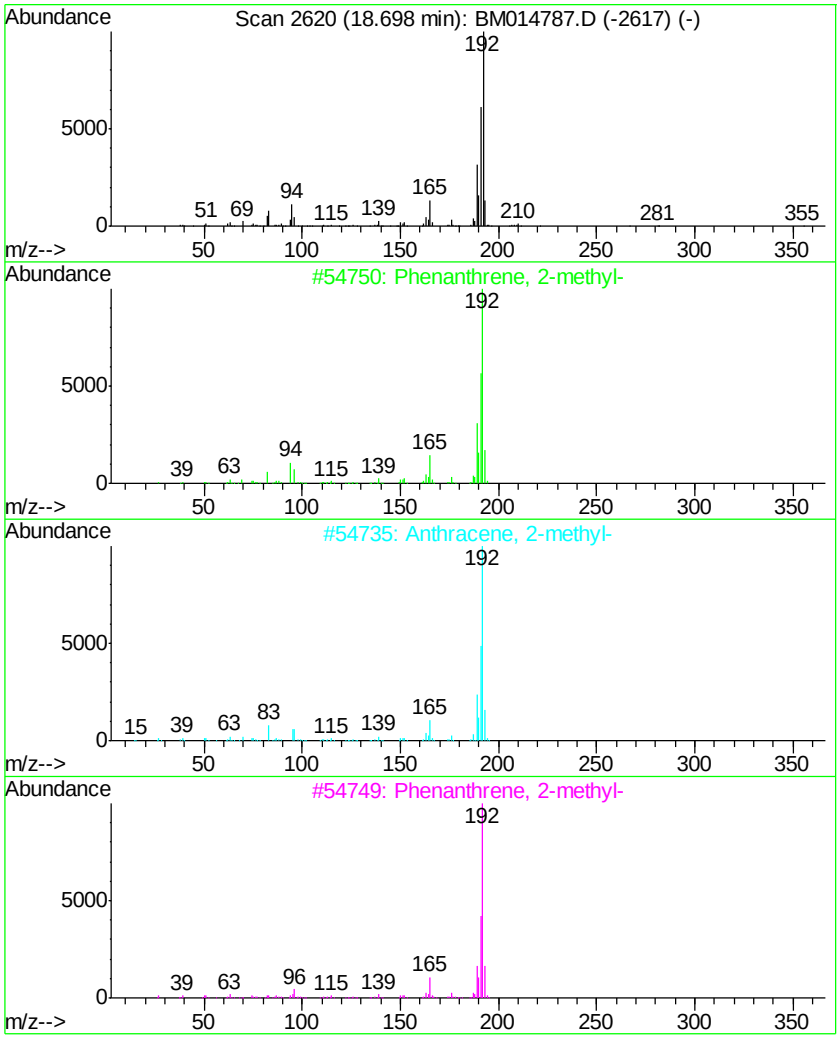
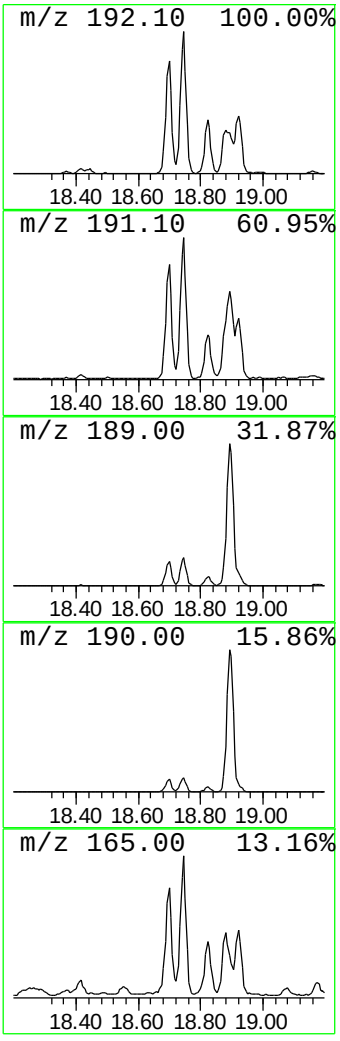
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86





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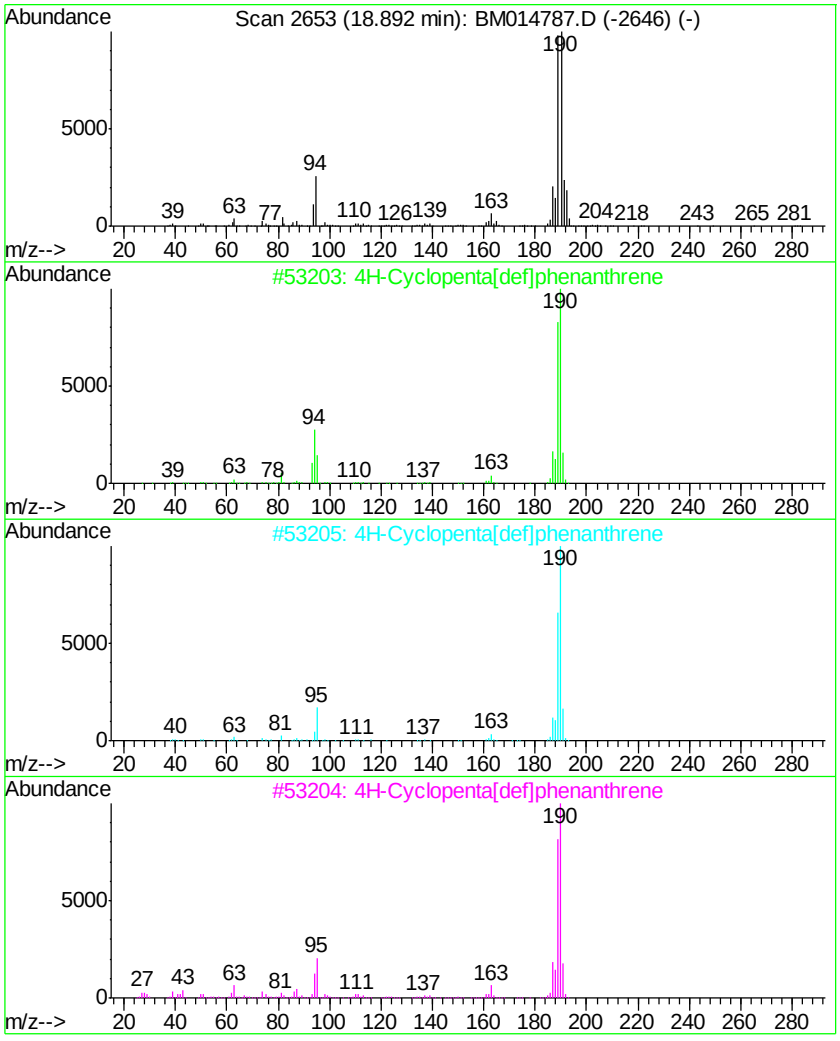
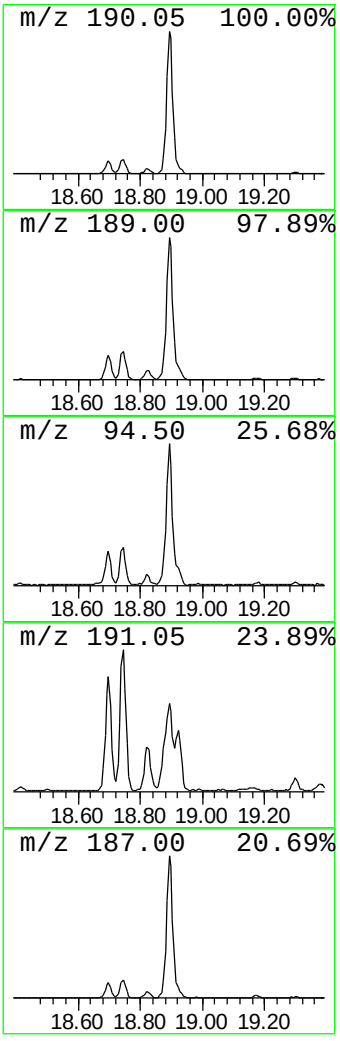
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	14.15 ng/ul	2767260	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
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





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Quant Title : SVOA CALIBRATION

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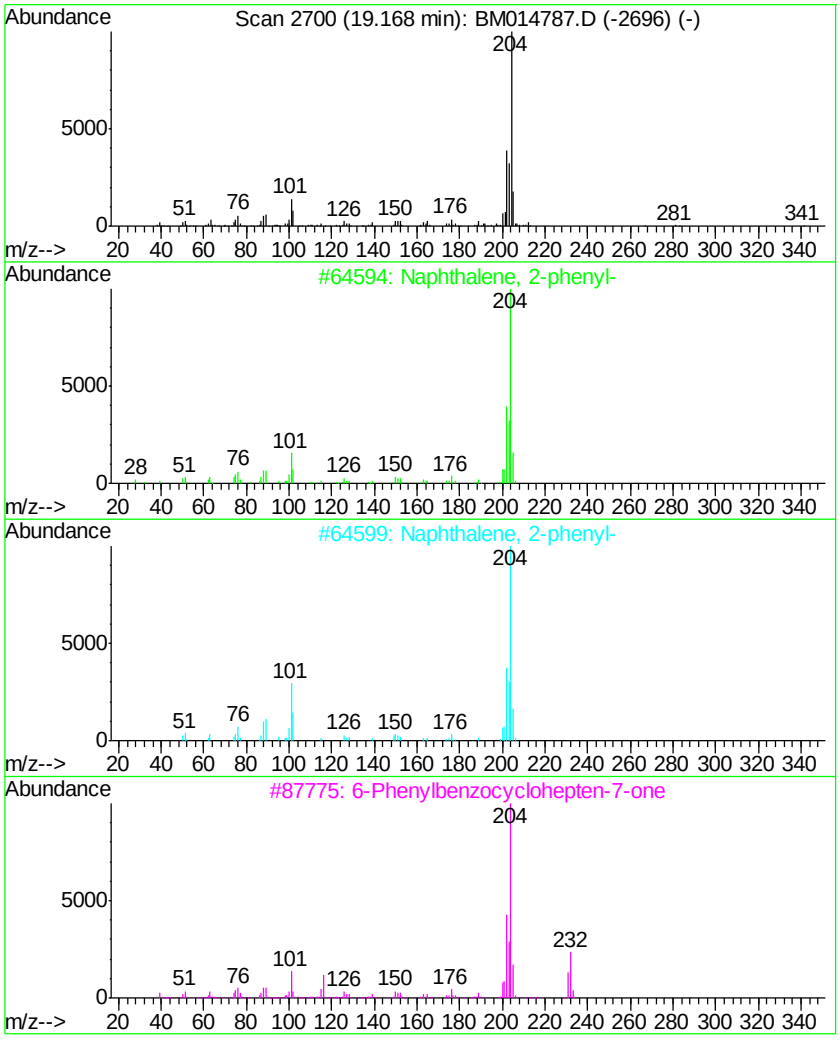
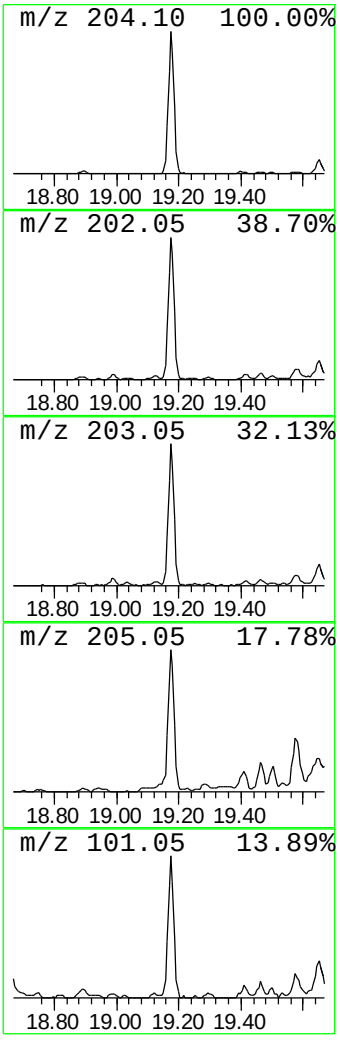
Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	3.86 ng/ul	753880	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	87





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TIC Library : C:\DATABASE\NIST11.L
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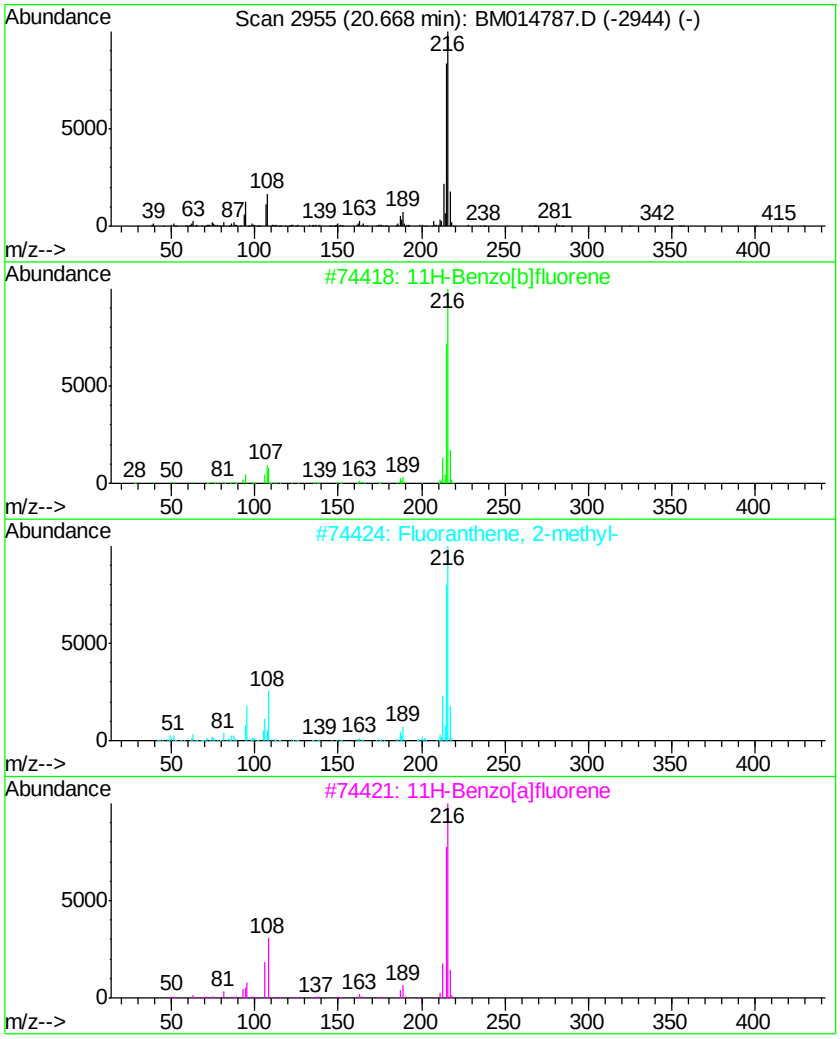
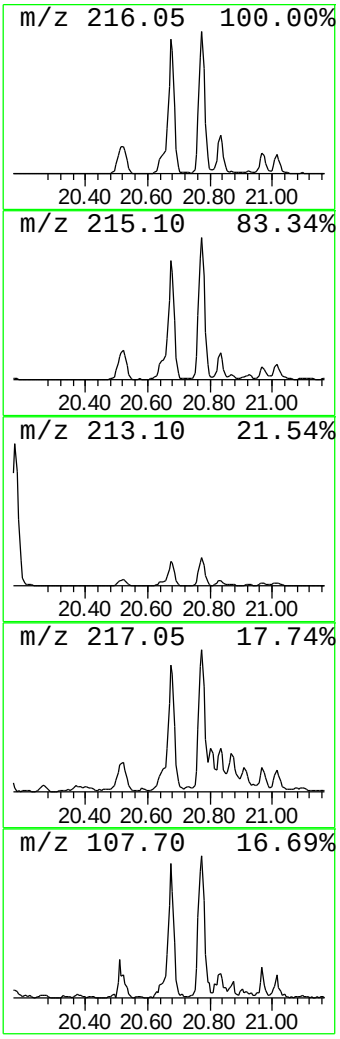
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	3.87 ng/ul	1402850	Chrysene-d12	21.93

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	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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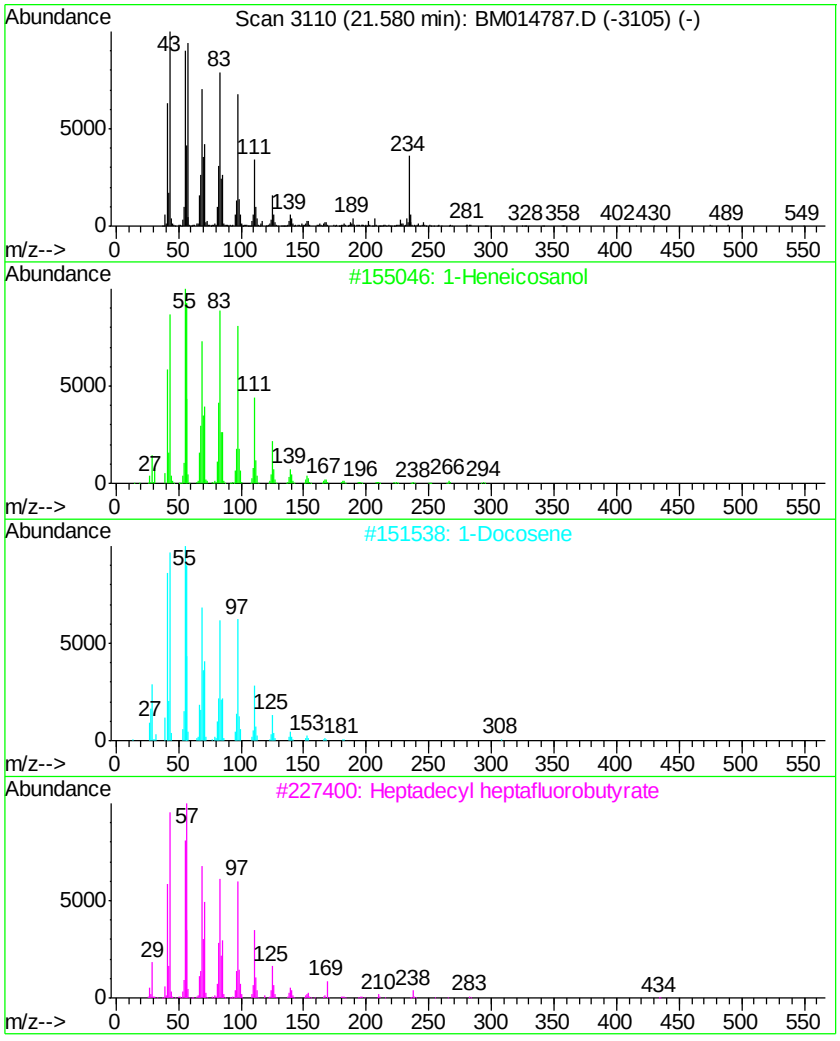
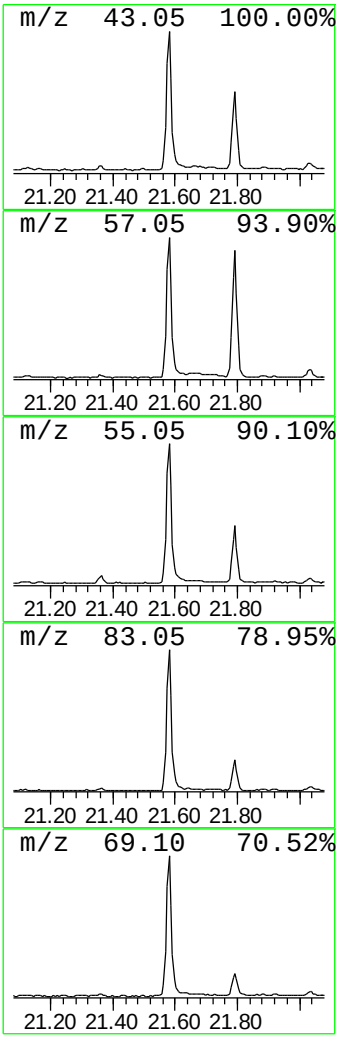
Peak Number 21 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.58	5.39 ng/ul	1950240	Chrysene-d12	21.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	1-Docosene	308	C22H44	001599-67-3	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014787.D
Acq On : 23 Apr 2018 21:51
Operator : SJ/JU
Sample : J2431-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP0

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
Butane, 2-methoxy...	3.36	7.6	ng/ul	717427	1	8.53	1894210	20.0
(DEL) Alkane: Str...	8.12	2.1	ng/ul	196141	1	8.53	1894210	20.0
(DEL) Alkane: Str...	9.10	2.2	ng/ul	205456	1	8.53	1894210	20.0
Benzene, 1-methyl...	9.89	2.3	ng/ul	218105	1	8.53	1894210	20.0
Naphthalene, 2,6-...	14.30	2.4	ng/ul	396629	3	15.13	3329880	20.0
Naphthalene, 2,3-...	14.45	4.0	ng/ul	664406	3	15.13	3329880	20.0
(DEL) Alkane: Str...	15.92	3.6	ng/ul	608251	3	15.13	3329880	20.0
Fluorene, 1,4-dih...	16.32	3.8	ng/ul	626256	3	15.13	3329880	20.0
[1,1'-Biphenyl]-4...	16.45	4.5	ng/ul	749084	3	15.13	3329880	20.0
Dibenzofuran, 4-m...	16.59	5.0	ng/ul	981972	4	17.84	3910370	20.0
9H-Fluorene, 2-me...	17.15	3.6	ng/ul	704346	4	17.84	3910370	20.0
Naphtho[2,1-b]thi...	17.66	6.5	ng/ul	1277840	4	17.84	3910370	20.0
n-Hexadecanoic acid	18.67	3.5	ng/ul	691509	4	17.84	3910370	20.0
Phenanthrene, 2-m...	18.70	5.0	ng/ul	976262	4	17.84	3910370	20.0
4H-Cyclopenta[def...	18.89	14.2	ng/ul	2767260	4	17.84	3910370	20.0
Naphthalene, 2-ph...	19.17	3.9	ng/ul	753880	4	17.84	3910370	20.0
11H-Benzo[b]fluorene	20.67	3.9	ng/ul	1402850	5	21.93	7243030	20.0
1-Heneicosanol	21.58	5.4	ng/ul	1950240	5	21.93	7243030	20.0