LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003037.D
Acq On : 01 Nov 2015 20:50
Operator : UM/IZ
Sample : G4210-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7E1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BM103015.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	3.228	20	24	33	rVB	38643	49054	1.52%	0.108%
2	4.887	300	306	311	rVB4	6330	10473	0.32%	0.023%
3	5.652	432	436	441	rBV4	5908	10226	0.32%	0.022%
4	6.052	496	504	510	rVB4	16649	42301	1.31%	0.093%
5	6.258	534	539	546	rBV4	21196	41154	1.27%	0.091%
6	6.375	554	559	561	rBV5	6287	11050	0.34%	0.024%
7	6.522	580	584	590	rVB2	12898	19257	0.60%	0.042%
8	6.587	590	595	601	rVB2	19367	30711	0.95%	0.068%
9	6.734	611	620	624	rBV4	10758	22958	0.71%	0.051%
10	6.858	637	641	645	rBV3	17491	26653	0.83%	0.059%
11	6.928	645	653	662	rVV	671568	1111182	34.43%	2.444%
12	7.058	670	675	676	rBV2	13941	21115	0.65%	0.046%
13	7.099	676	682	688	rVV	584932	911386	28.24%	2.005%
14	7.152	688	691	695	rVV2	32699	49647	1.54%	0.109%
15	7.193	695	698	702	rVV5	9045	16222	0.50%	0.036%
16	7.299	704	716	732	rVV	714375	1231268	38.15%	2.708%
17	7.416	732	736	743	rVV4	12667	22278	0.69%	0.049%
18	7.487	743	748	754	rVV2	21524	38644	1.20%	0.085%
19	7.575	758	763	772	rVB7	15006	40099	1.24%	0.088%
20	7.699	772	784	787	rBV4	21025	56595	1.75%	0.124%
21	7.763	789	795	803	rVV	549762	908691	28.15%	1.999%
22	7.840	803	808	812	rVV4	16581	29454	0.91%	0.065%
23	7.899	812	818	819	rVV5	10877	18139	0.56%	0.040%
24	7.958	822	828	832	rVV2	36157	68196	2.11%	0.150%
25	7.999	832	835	838	rVV3	11508	16496	0.51%	0.036%
26	8.046	838	843	846	rVV4	13207	25795	0.80%	0.057%
27	8.081	846	849	852	rVV2	7704	12485	0.39%	0.027%
28	8.116	852	855	861	rVV5	15344	26130	0.81%	0.057%
29	8.210	867	871	877	rVB4	9753	15594	0.48%	0.034%
30	8.293	877	885	886	rBV4	10371	19733	0.61%	0.043%
31	8.316	887	889	894	rVB3	12161	16533	0.51%	0.036%
32	8.463	907	914	921	rBV	874552	1375168	42.60%	3.025%
33	8.593	932	936	949	rVB	38216	79351	2.46%	0.175%
34	8.752	957	963	971	rVB5	7602	20550	0.64%	0.045%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003037.D
Acq On : 01 Nov 2015 20:50
Operator : UM/IZ
Sample : G4210-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7E1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BM103015.M
Title : SVOA CALIBRATION

35	8.840	971	978	979	rBV4	8877	16007	0.50%	0.035%
36	8.863	979	982	985	rVV5	9460	14443	0.45%	0.032%
37	8.922	985	992	1005	rVB	602909	973157	30.15%	2.141%
38	9.022	1005	1009	1015	rVB2	21468	36164	1.12%	0.080%
39	9.081	1015	1019	1022	rBV3	18234	30966	0.96%	0.068%
40	9.434	1075	1079	1083	rVV	13921	23658	0.73%	0.052%
41	9.481	1083	1087	1092	rVB3	19562	30800	0.95%	0.068%
42	9.528	1092	1095	1101	rVB4	6408	10762	0.33%	0.024%
43	9.640	1106	1114	1121	rBV	480971	788483	24.43%	1.734%
44	9.740	1126	1131	1136	rBV5	22697	39647	1.23%	0.087%
45	9.857	1146	1151	1157	rBV5	6513	15515	0.48%	0.034%
46	10.175	1194	1205	1216	rVV	827422	1385921	42.94%	3.049%
47	10.340	1228	1233	1241	rVB2	5521	10919	0.34%	0.024%
48	10.557	1261	1270	1277	rBV	771497	1286633	39.86%	2.830%
49	10.693	1286	1293	1304	rBB	647654	1107624	34.32%	2.436%
50	11.046	1350	1353	1361	rVB2	9969	16636	0.52%	0.037%
51	11.234	1378	1385	1390	rBV5	4838	11488	0.36%	0.025%
52	11.587	1440	1445	1448	rBV2	7326	11411	0.35%	0.025%
53	11.851	1485	1490	1494	rBV4	8964	14666	0.45%	0.032%
54	12.146	1532	1540	1545	rBV	14825	25863	0.80%	0.057%
55	12.763	1638	1645	1649	rVV2	10926	16226	0.50%	0.036%
56	12.945	1671	1676	1681	rVB3	9392	16757	0.52%	0.037%
57	13.016	1681	1688	1695	rBV	22229	36054	1.12%	0.079%
58	13.228	1718	1724	1732	rBV6	4291	12296	0.38%	0.027%
59	13.816	1818	1824	1829	rBV	1369473	1946674	60.31%	4.282%
60	13.863	1829	1832	1842	rVV	695051	924297	28.64%	2.033%
61	14.098	1866	1872	1885	rVB	1588940	2400632	74.37%	5.281%
62	14.310	1903	1908	1914	rBV	47201	60509	1.87%	0.133%
63	14.410	1918	1925	1933	rBV2	1005966	1557800	48.26%	3.427%
64	14.592	1949	1956	1964	rBV	512036	721297	22.35%	1.587%
65	14.757	1975	1984	1989	rBV7	11202	28428	0.88%	0.063%
66	14.822	1989	1995	1999	rVV4	32645	50375	1.56%	0.111%
67	14.963	2009	2019	2034	rBV	106019	272228	8.43%	0.599%
68	15.151	2047	2051	2056	rVB4	10472	17168	0.53%	0.038%
69	15.210	2056	2061	2066	rBV3	9906	21095	0.65%	0.046%
70	15.263	2066	2070	2075	rVB	99471	121976	3.78%	0.268%
71	15.322	2076	2080	2084	rBV3	6785	11082	0.34%	0.024%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003037.D
Acq On : 01 Nov 2015 20:50
Operator : UM/IZ
Sample : G4210-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7E1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BM103015.M
Title : SVOA CALIBRATION

72	15.404	2087	2094	2100	rVB	1984517	2901615	89.89%	6.383%
73	15.516	2105	2113	2119	rBV	381499	537650	16.66%	1.183%
74	15.669	2130	2139	2144	rBV2	72666	169293	5.24%	0.372%
75	15.710	2144	2146	2151	rVB4	8854	12019	0.37%	0.026%
76	15.763	2151	2155	2160	rVB4	15461	25674	0.80%	0.056%
77	15.822	2161	2165	2169	rBV4	15940	24514	0.76%	0.054%
78	15.881	2172	2175	2179	rVV3	19617	24464	0.76%	0.054%
79	16.128	2212	2217	2218	rBV	125892	149997	4.65%	0.330%
80	16.151	2218	2221	2226	rVB	176186	246058	7.62%	0.541%
81	16.298	2243	2246	2250	rBV3	28502	32234	1.00%	0.071%
82	16.463	2271	2274	2278	rBV3	25554	38255	1.19%	0.084%
83	16.916	2349	2351	2354	rBV	32561	37791	1.17%	0.083%
84	16.969	2356	2360	2370	rVB	298577	469895	14.56%	1.034%
85	17.151	2386	2391	2396	rBV	1132193	1693732	52.47%	3.726%
86	17.251	2402	2408	2418	rVB2	1958650	2879386	89.21%	6.334%
87	17.575	2459	2463	2468	rBV	137213	198852	6.16%	0.437%
88	18.045	2540	2543	2551	rVB3	112867	183028	5.67%	0.403%
89	19.151	2728	2731	2737	rBV4	130854	216254	6.70%	0.476%
90	19.551	2794	2799	2809	rBV	2024535	2954674	91.54%	6.499%
91	20.998	3042	3045	3048	rBV3	264556	316845	9.82%	0.697%
92	21.215	3078	3082	3086	rBV	787393	965348	29.91%	2.124%
93	21.345	3100	3104	3109	rVB	1215642	1485092	46.01%	3.267%
94	23.468	3459	3465	3482	rVB	1530089	3227800	100.00%	7.100%
95	23.615	3483	3490	3510	rVB	894760	1985436	61.51%	4.367%
96	24.239	3593	3596	3607	rVB	177593	335532	10.40%	0.738%
97	27.139	4083	4089	4100	rVB3	220330	631407	19.56%	1.389%
98	27.727	4180	4189	4202	rVB2	450413	1566910	48.54%	3.447%
99	28.121	4248	4256	4273	rVB2	351510	1261011	39.07%	2.774%
100	29.380	4462	4470	4471	rBV	208777	429041	13.29%	0.944%

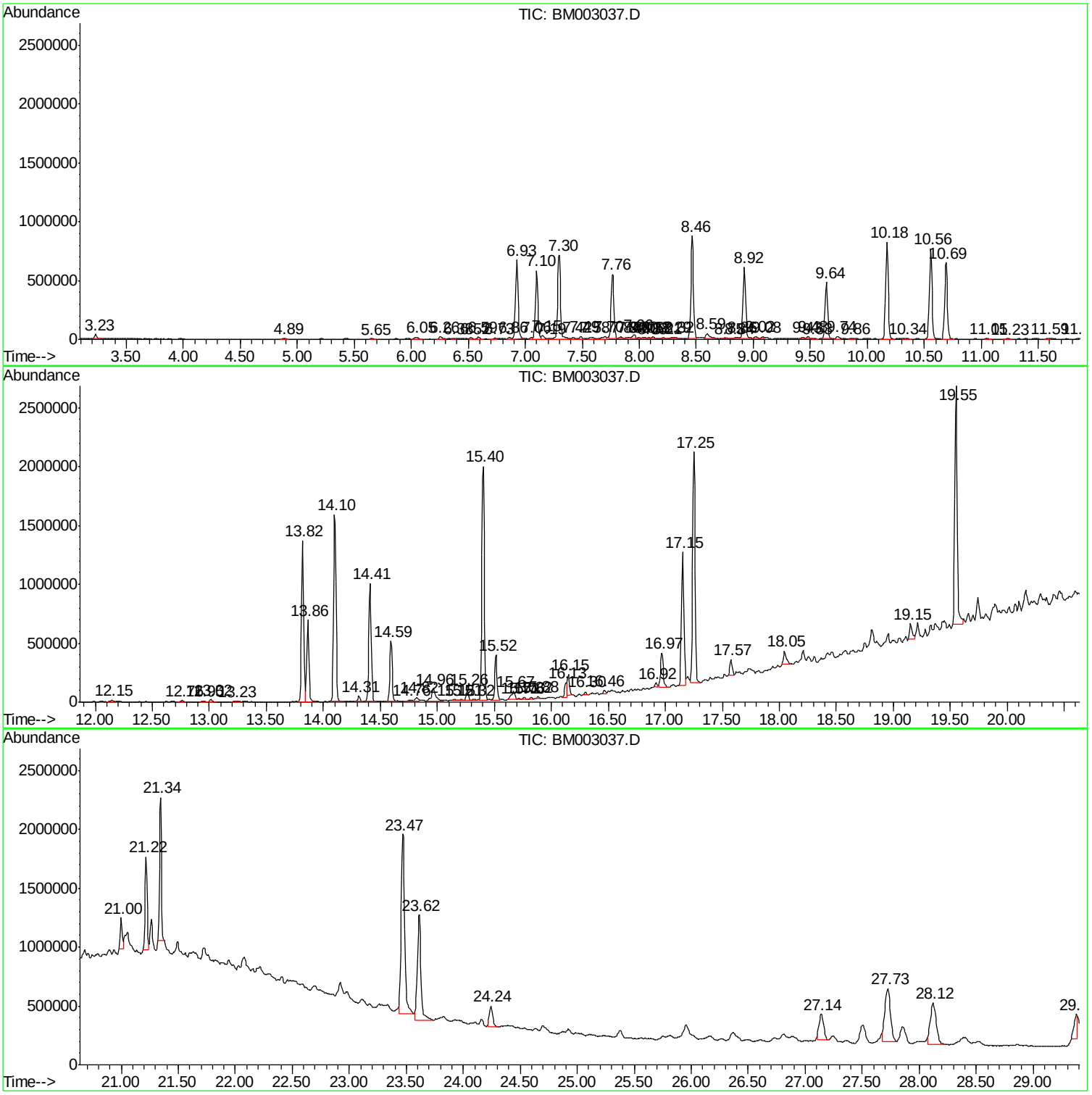
Sum of corrected areas: 45460052

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003037.D
Acq On : 01 Nov 2015 20:50
Operator : UM/IZ
Sample : G4210-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003037.D
Acq On : 01 Nov 2015 20:50
Operator : UM/IZ
Sample : G4210-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

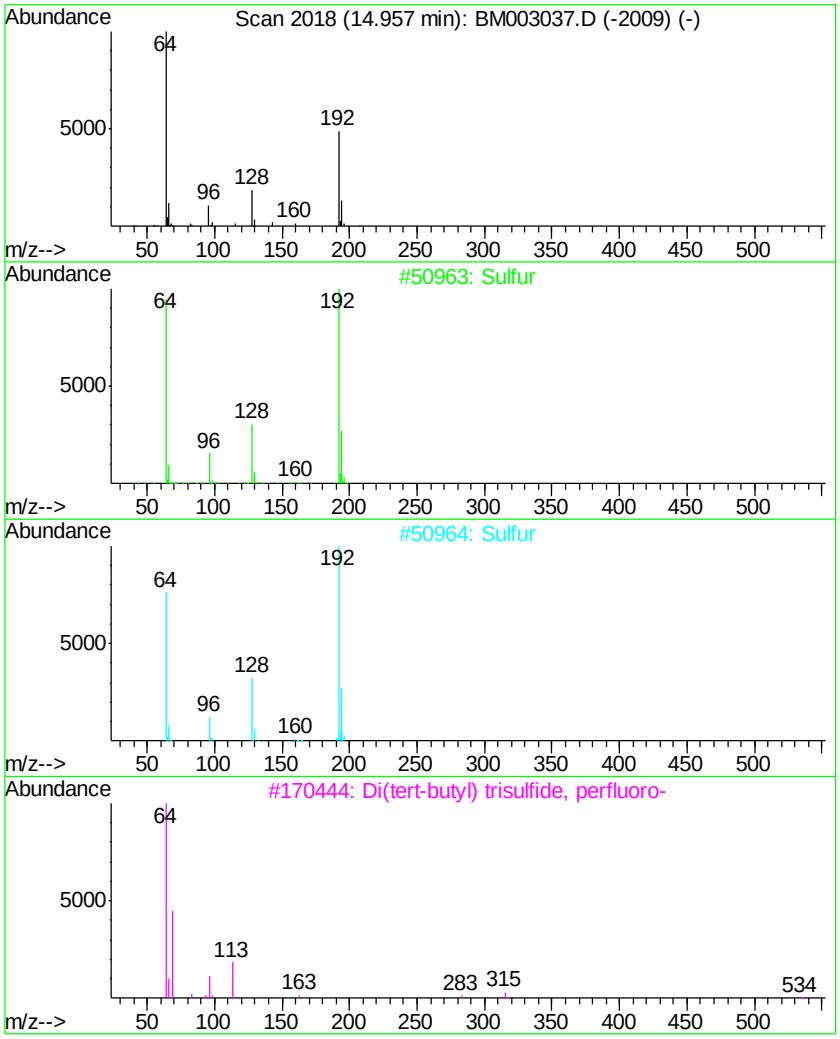
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

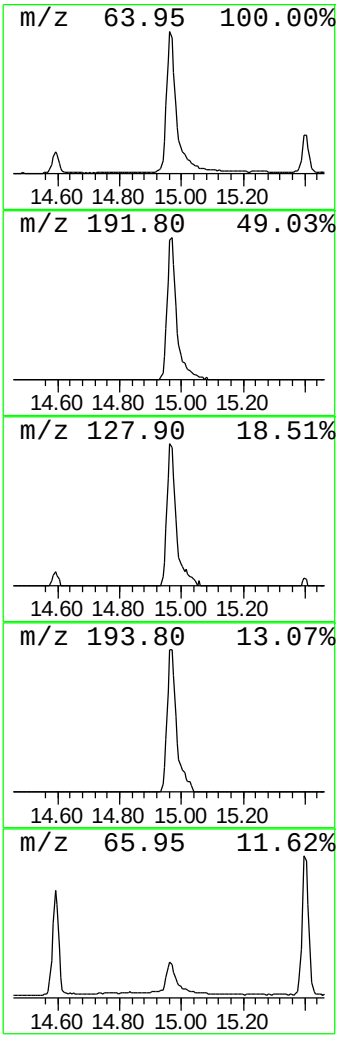
****

Peak Number 1 Sulfur Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	3.50 ng/ul	272228	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur	192	S6	013798-23-7	91
2	Sulfur	192	S6	013798-23-7	91
3	Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	9
4	2-Chloro-7-methoxynaphthalene	192	C11H9ClO	067061-67-0	7
5	Sulfur dioxide	64	O2S	007446-09-5	4





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003037.D
Acq On : 01 Nov 2015 20:50
Operator : UM/IZ
Sample : G4210-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

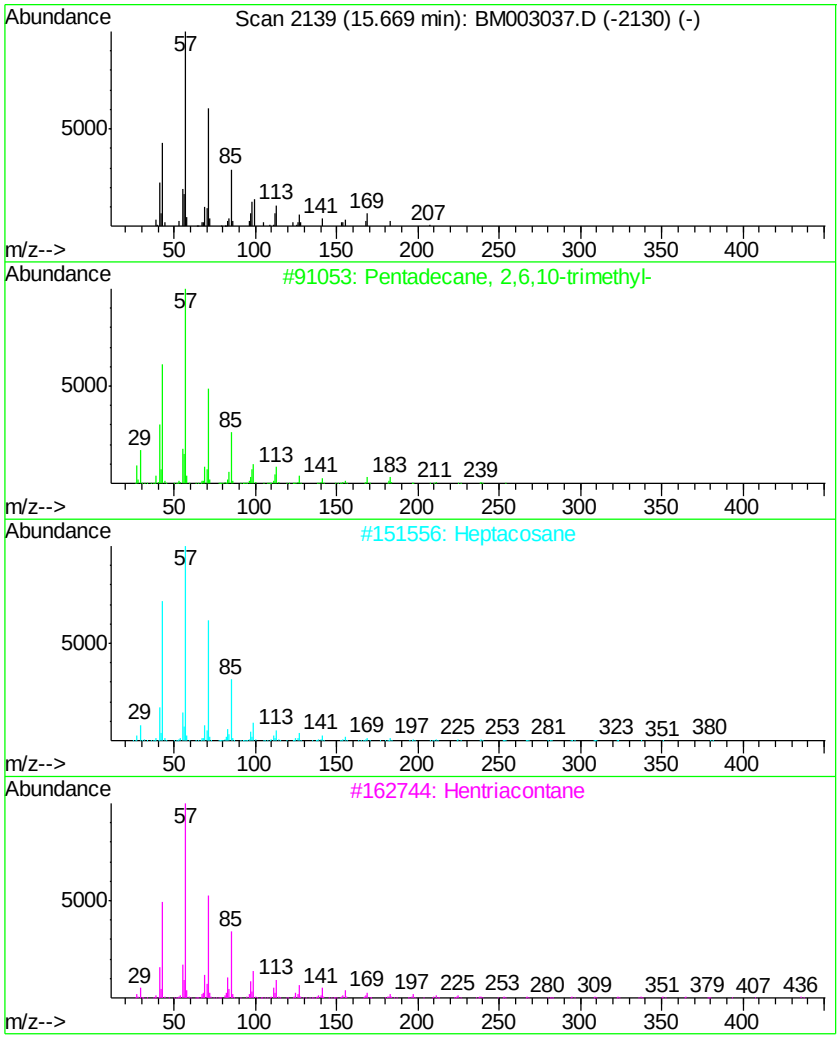
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

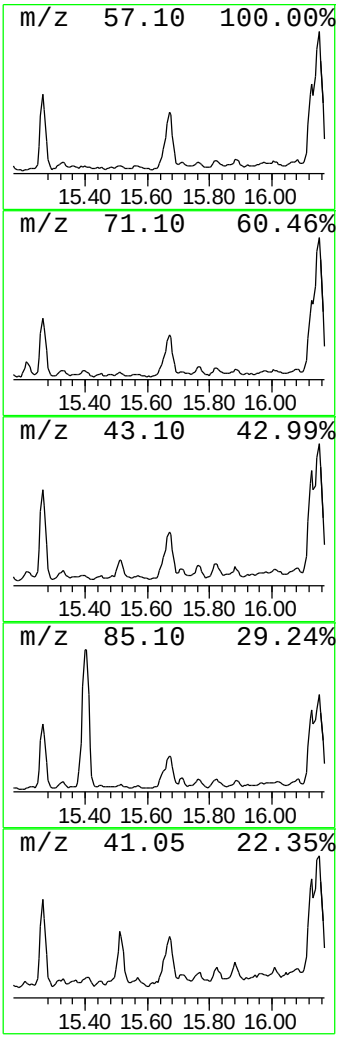
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	2.17 ng/ul	169293	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Heptacosane	380	C27H56	000593-49-7	86
3	Hentriacontane	437	C31H64	000630-04-6	80
4	Octadecane	254	C18H38	000593-45-3	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003037.D
Acq On : 01 Nov 2015 20:50
Operator : UM/IZ
Sample : G4210-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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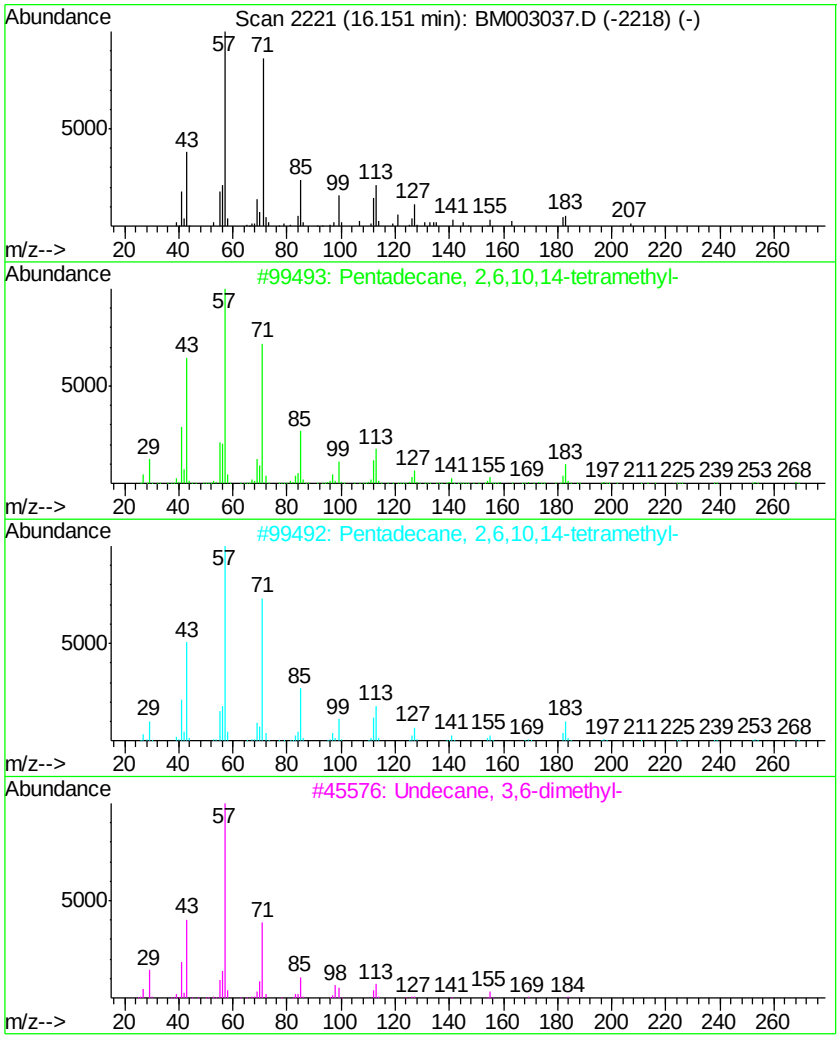
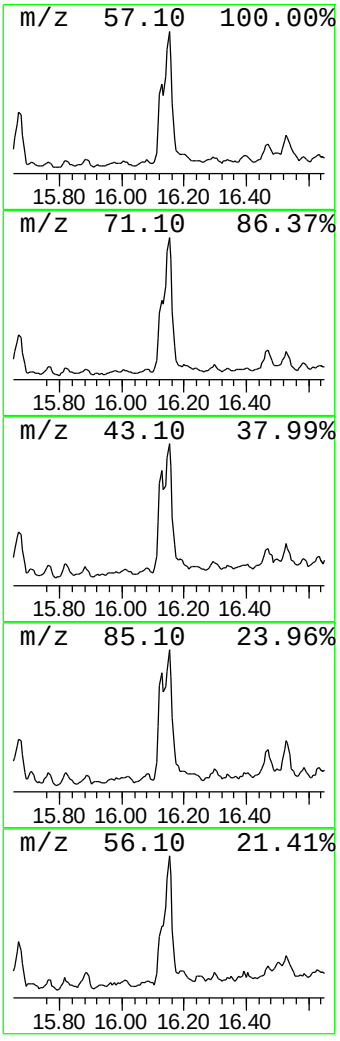
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.91 ng/ul	246058	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	80
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003037.D
Acq On : 01 Nov 2015 20:50
Operator : UM/IZ
Sample : G4210-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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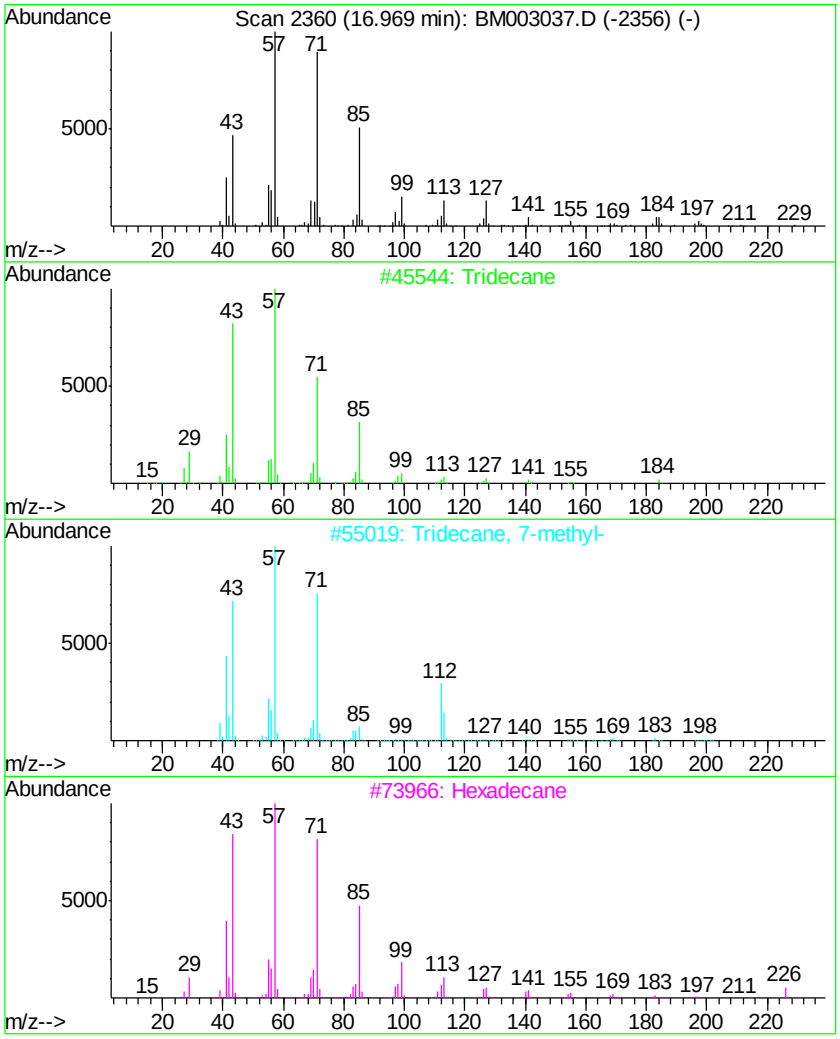
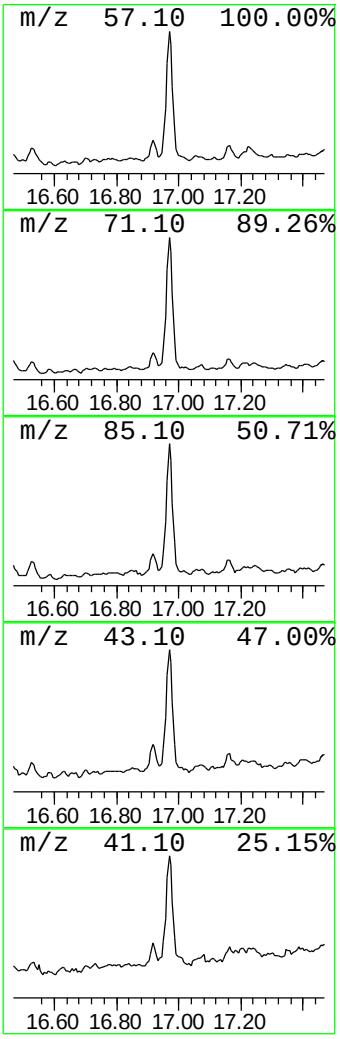
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	5.55 ng/ul	469895	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tridecane, 7-methyl-	198	C14H30	026730-14-3	91
3	Hexadecane	226	C16H34	000544-76-3	87
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003037.D
Acq On : 01 Nov 2015 20:50
Operator : UM/IZ
Sample : G4210-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

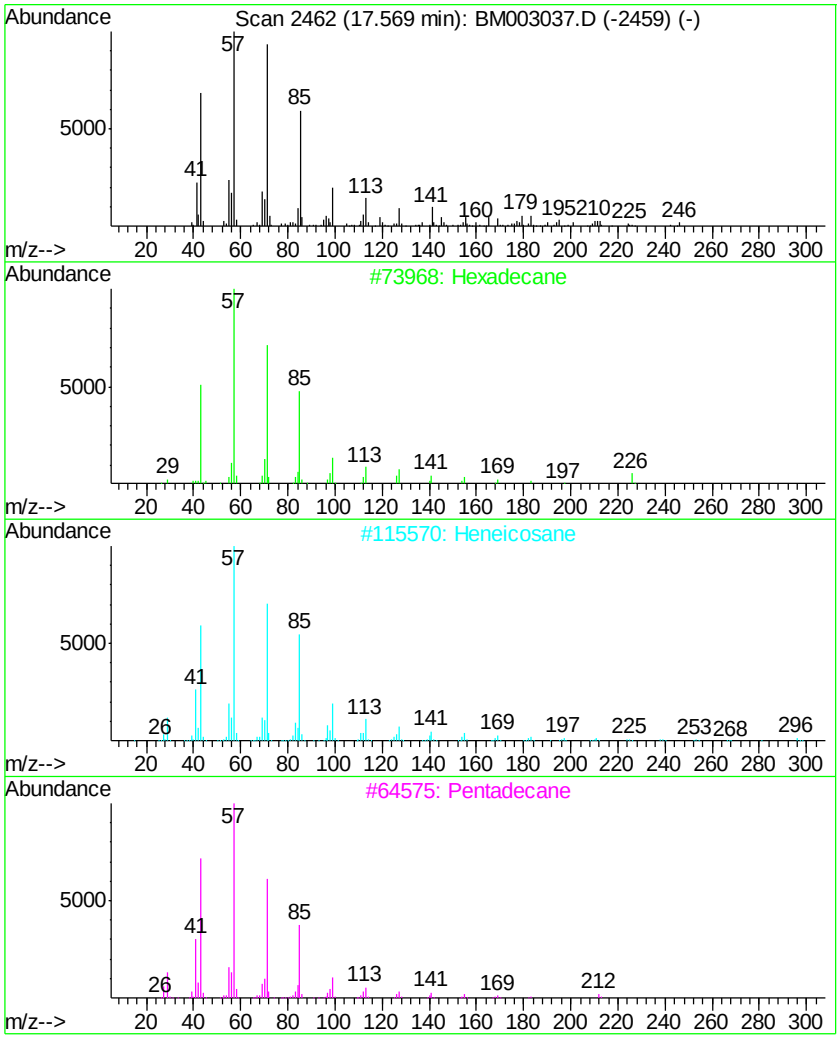
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

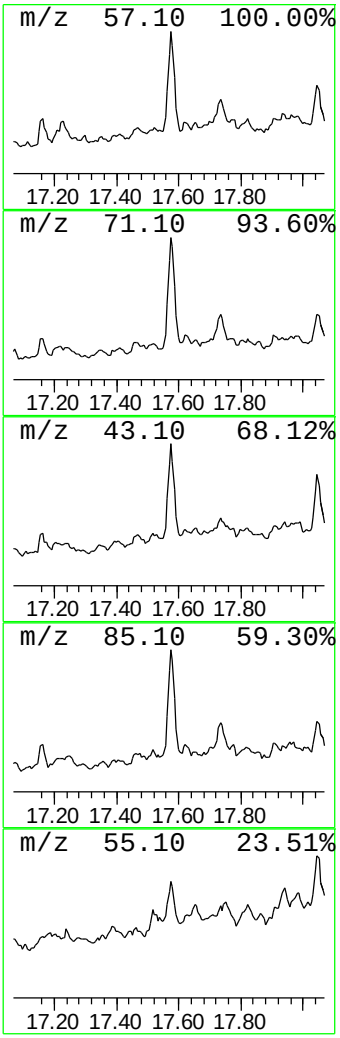
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	2.35 ng/ul	198852	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	86
5	5,5-Dibutylnonane	240	C17H36	006008-17-9	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003037.D
Acq On : 01 Nov 2015 20:50
Operator : UM/IZ
Sample : G4210-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

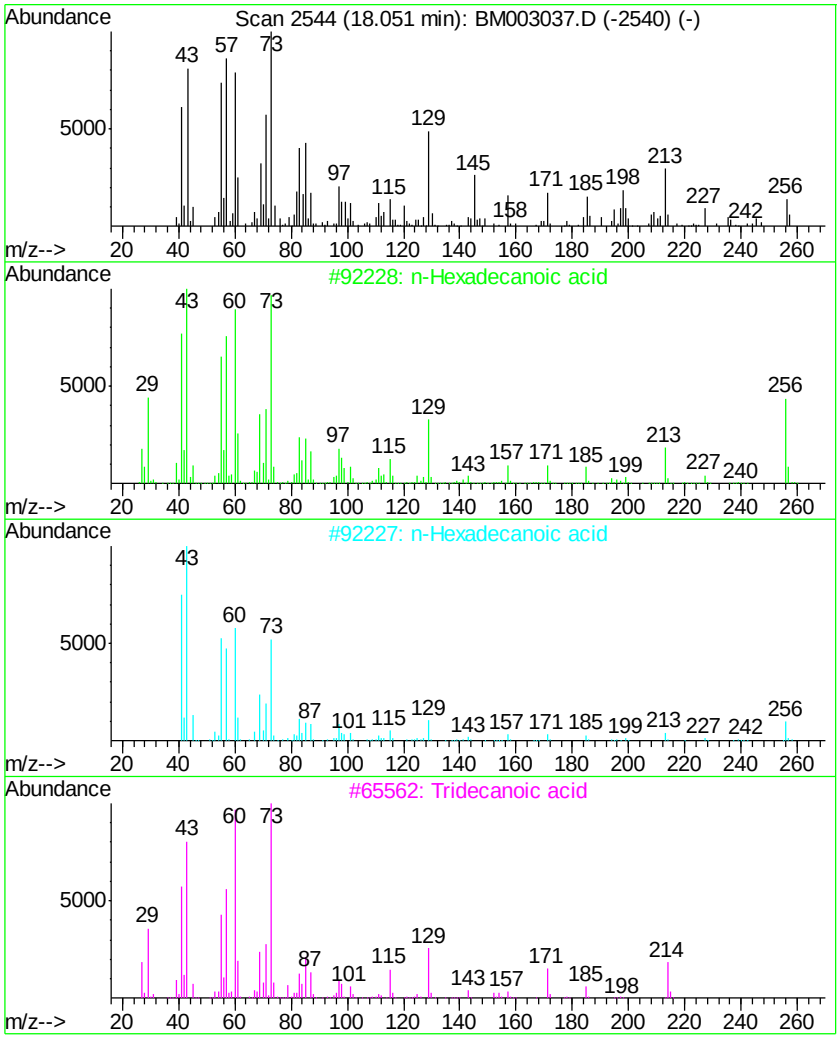
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

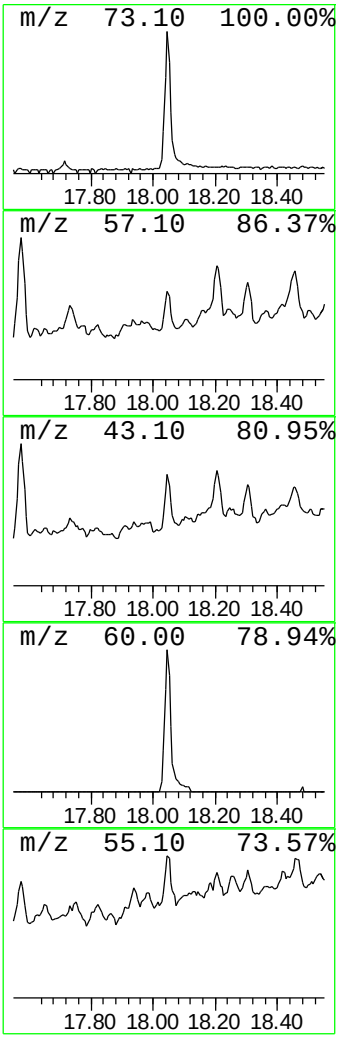
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	2.16 ng/ul	183028	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	62
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003037.D
Acq On : 01 Nov 2015 20:50
Operator : UM/IZ
Sample : G4210-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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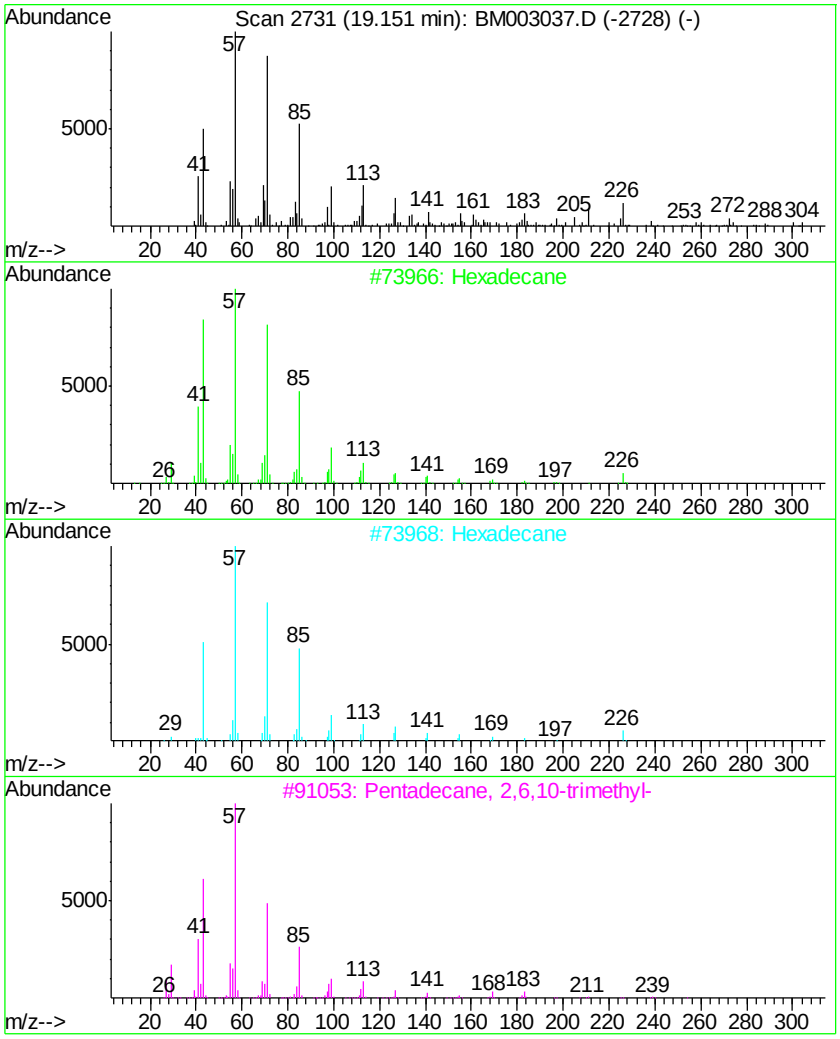
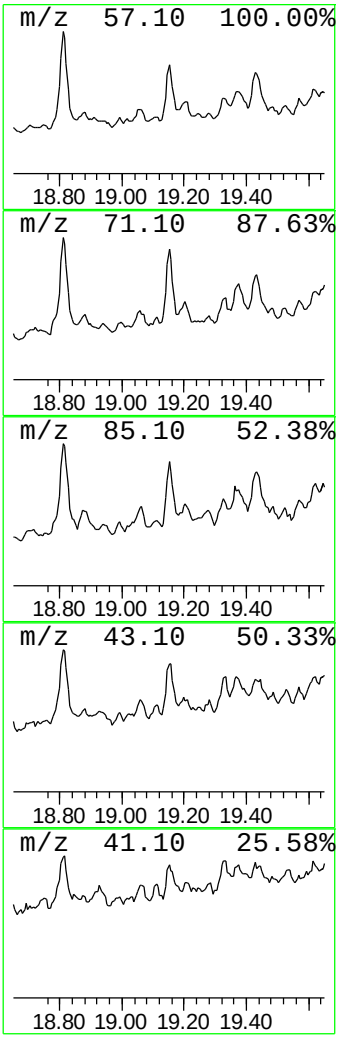
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	2.55 ng/ul	216254	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Hexadecane	226	C16H34	000544-76-3	93
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	87
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	78





Library Search Compound Report

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Data File : BM003037.D
Acq On : 01 Nov 2015 20:50
Operator : UM/IZ
Sample : G4210-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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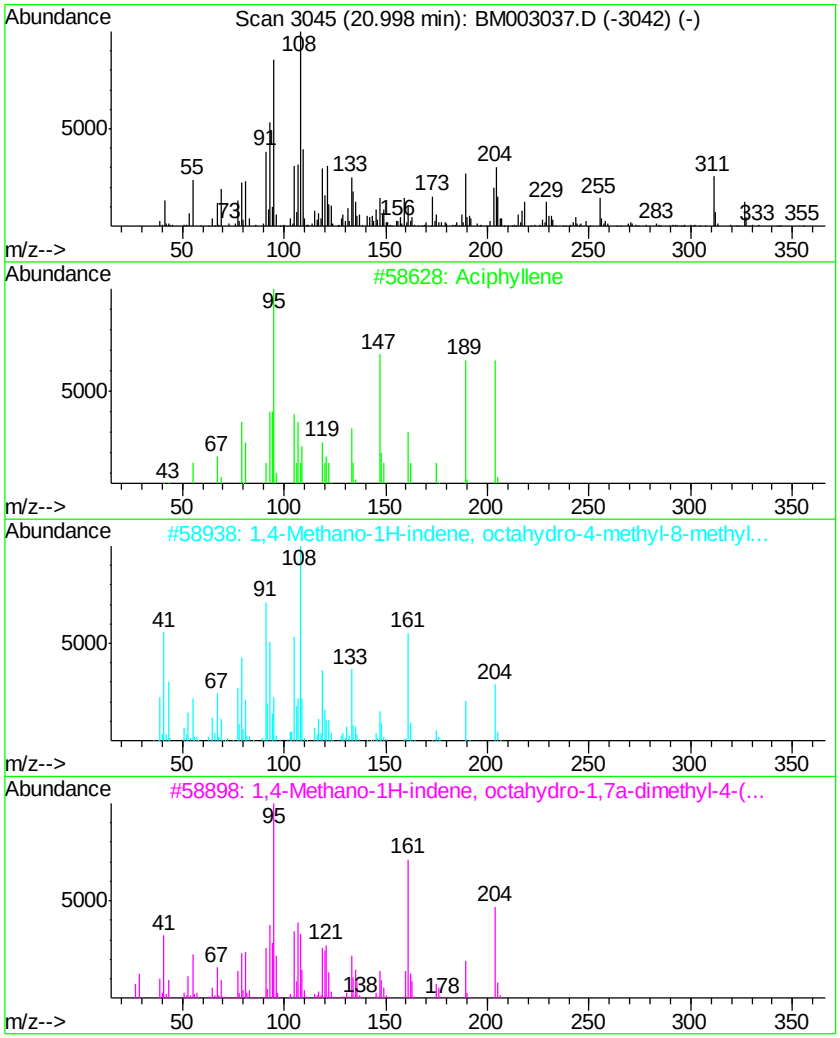
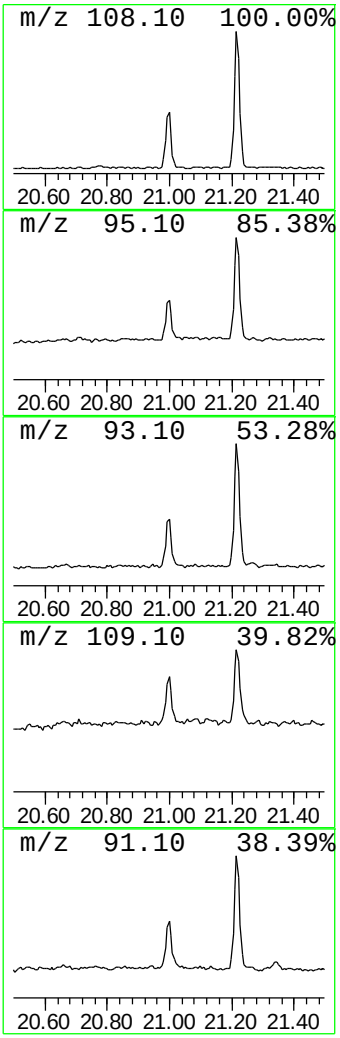
Peak Number 8 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	4.27 ng/ul	316845	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aciphyllene	204	C15H24	087745-31-1	38
2	1,4-Methano-1H-indene, octahydro...	204	C15H24	003650-28-0	35
3	1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	35
4	1,3-Diphenyl-1,2-butanediol	242	C16H18O2	005381-88-4	25
5	(3Ar)-(+)-8,8-dimethyl-4,5,6,7-t...	213	C10H15NO2S	107869-45-4	22





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Sample : G4210-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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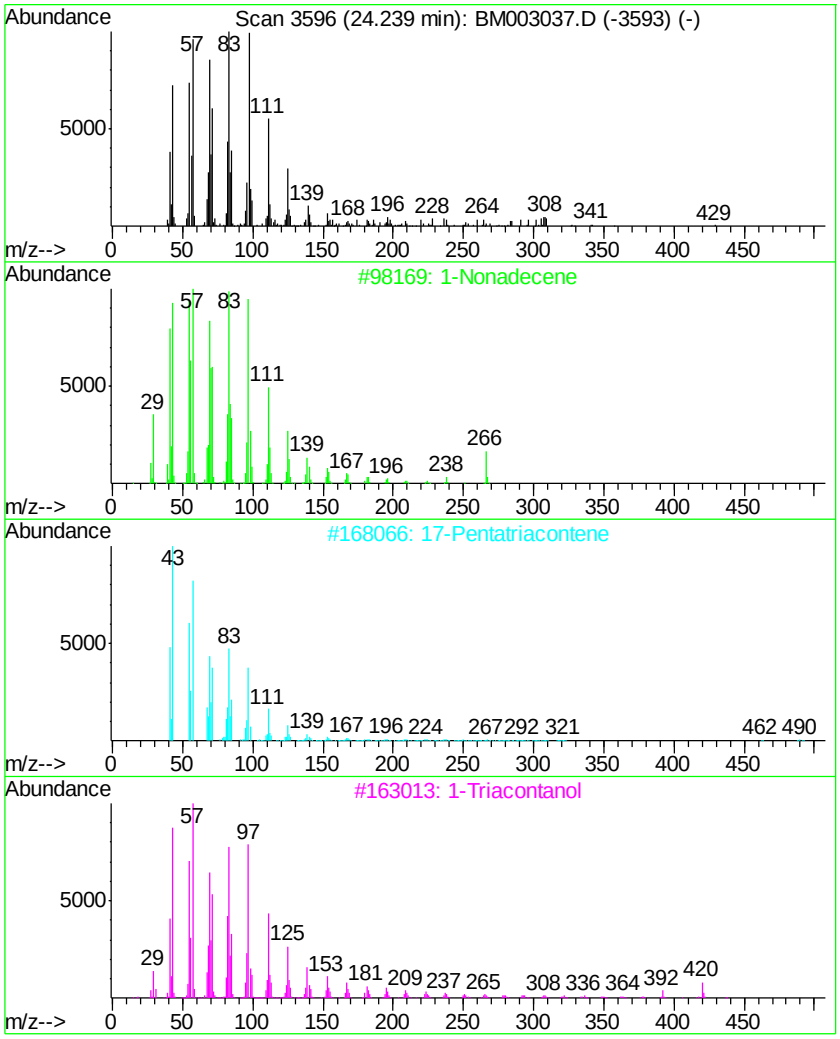
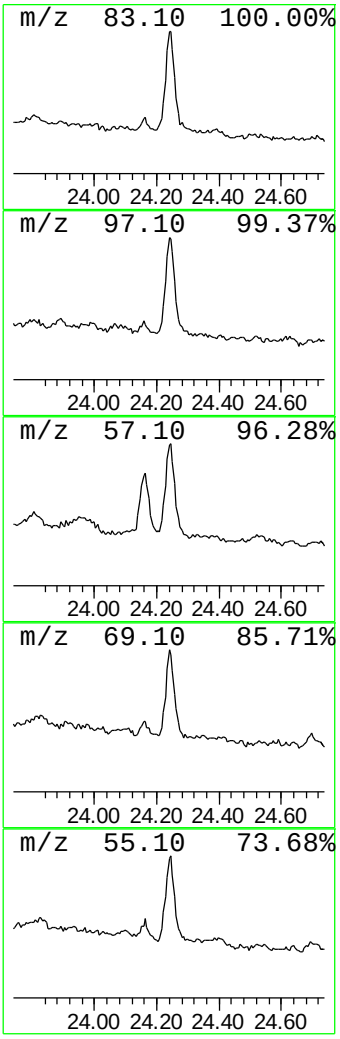
Peak Number 9 (DEL) Alkane: Cyclic24.24 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.24	3.38 ng/ul	335532	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	93
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	1-Triacontanol	438	C30H62O	000593-50-0	90
4	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	87
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81





Library Search Compound Report

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Acq On : 01 Nov 2015 20:50
Operator : UM/IZ
Sample : G4210-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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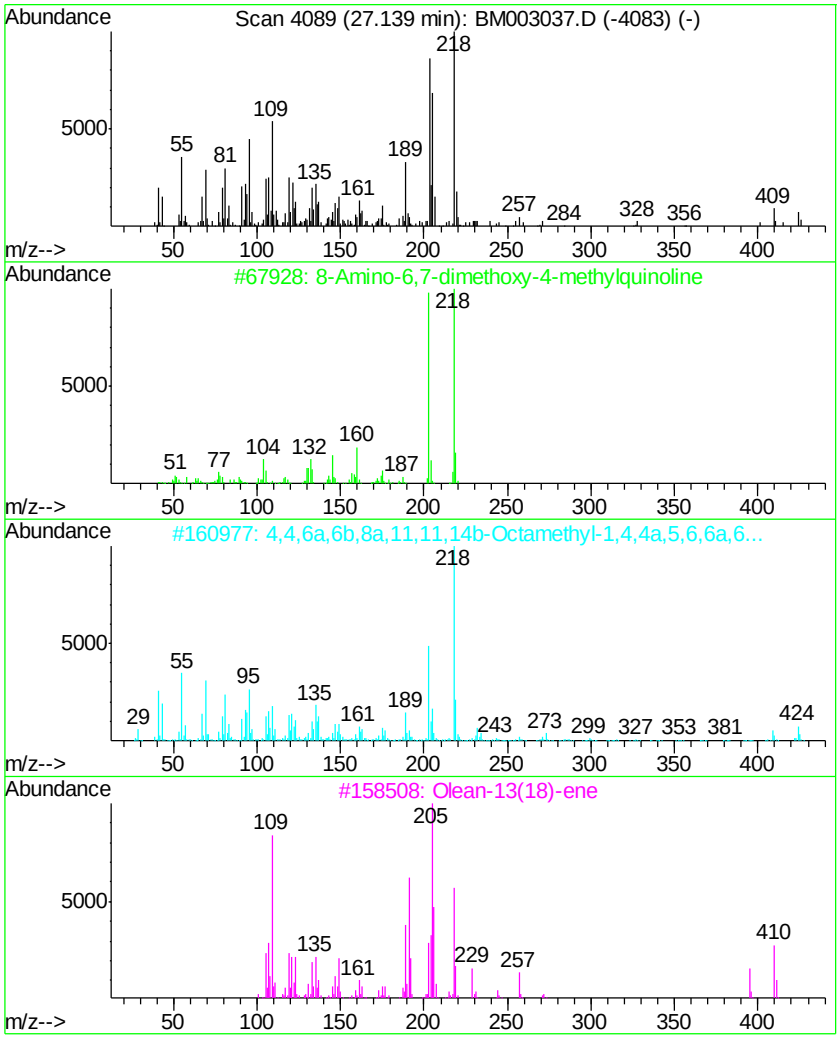
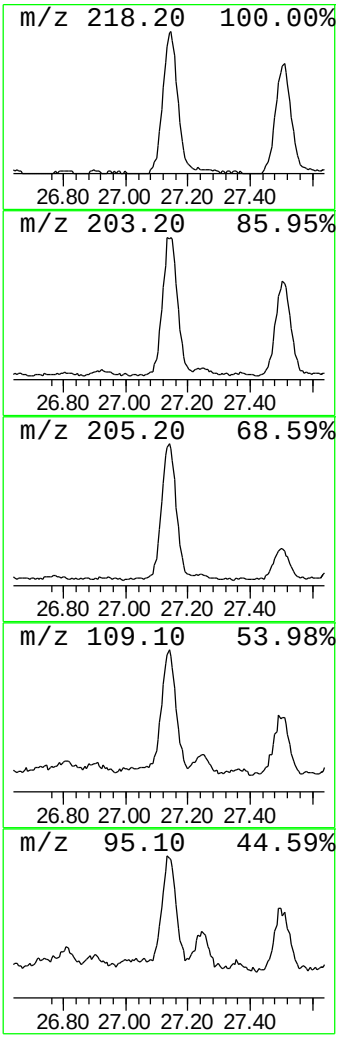
Peak Number 10 8-Amino-6,7-dimethoxy-4-met... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.14	6.36 ng/ul	631407	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	50
2	4,4,6a,6b,8a,11,11,14b-Octamethy...	424	C30H48O	1000194-62-4	50
3	Olean-13(18)-ene	410	C30H50	003399-27-7	43
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	43
5	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	38





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Operator : UM/IZ
Sample : G4210-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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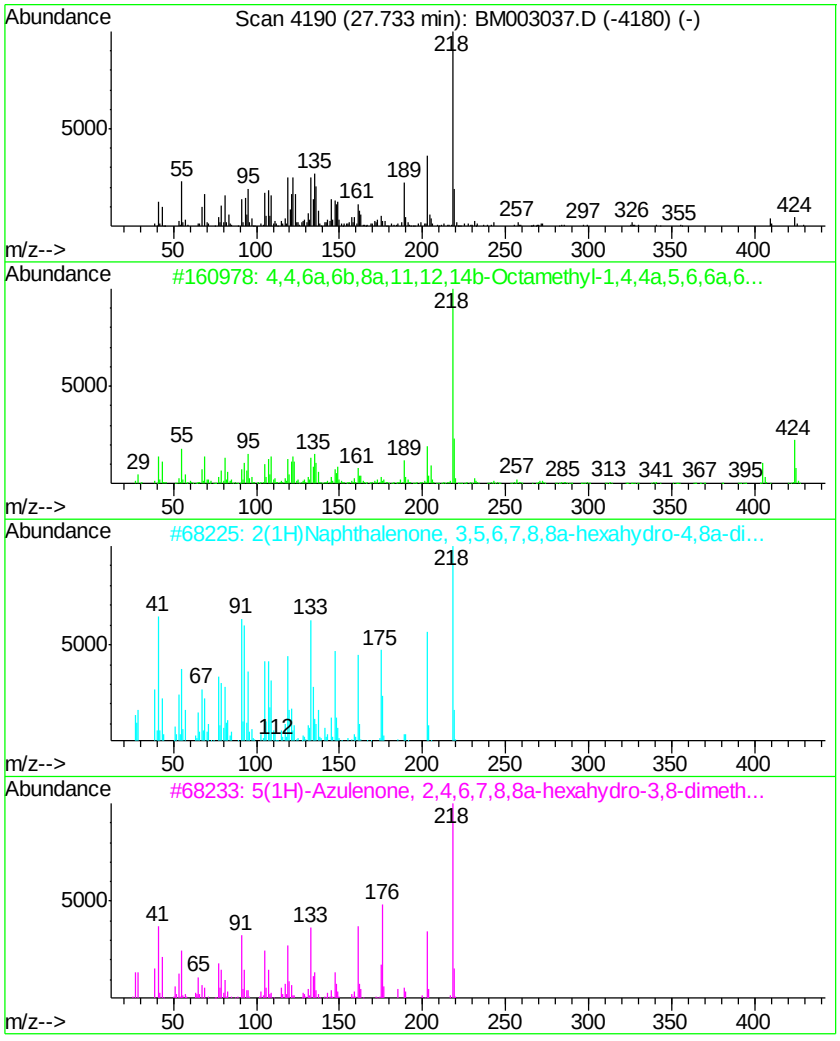
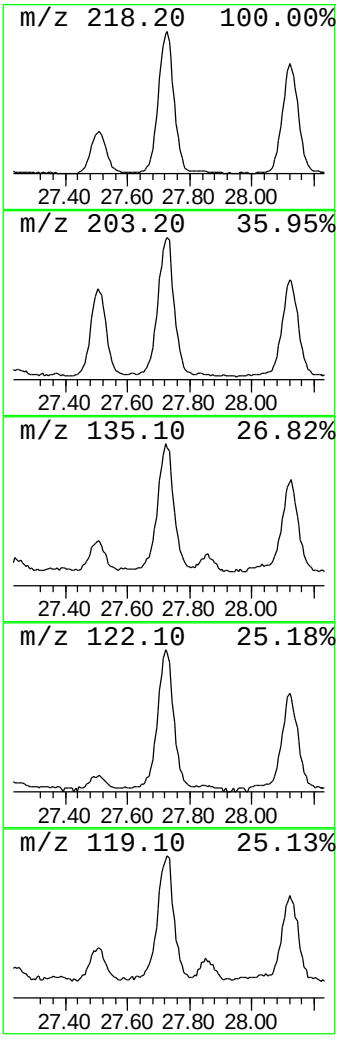
Peak Number 11 4,4,6a,6b,8a,11,12,14b-Octa... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.73	15.78 ng/ul	1566910	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4,6a,6b,8a,11,12,14b-Octamethy...	424	C30H48O	1000194-64-2	83
2	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	70
3	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	64
4	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	50
5	3-Amino-5-piperonyl-1,2,4-triazole	218	C10H10N4O2	014730-92-8	45





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Sample : G4210-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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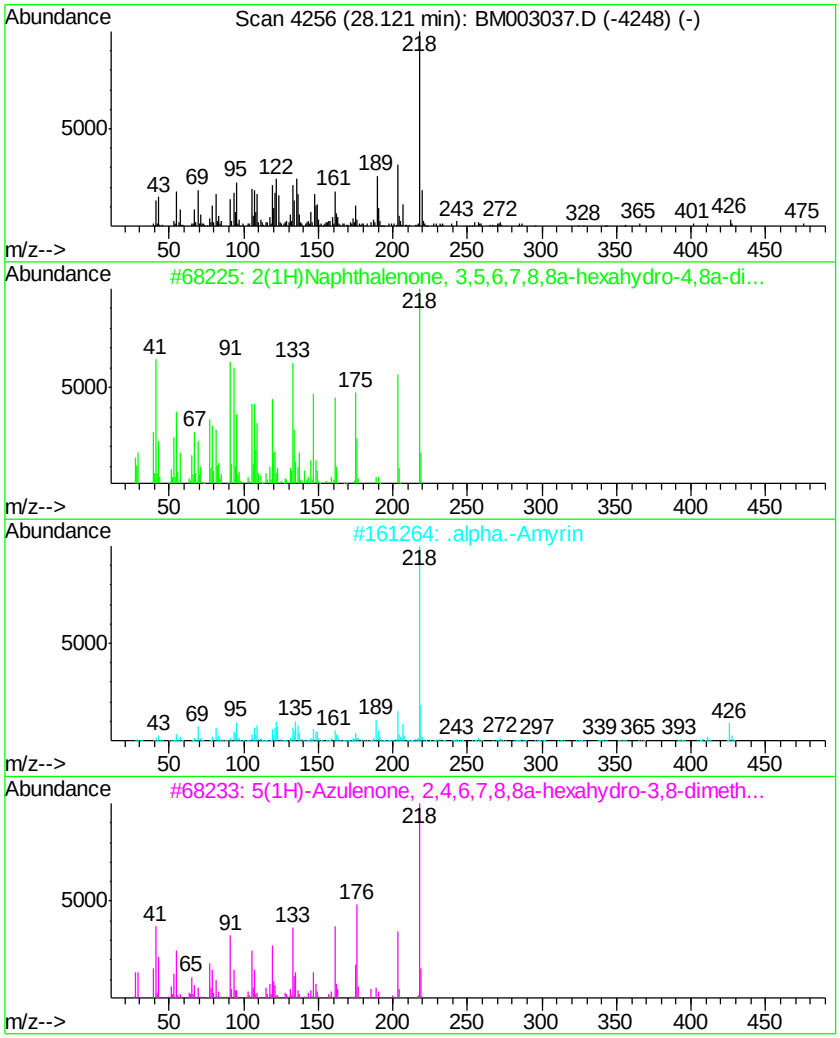
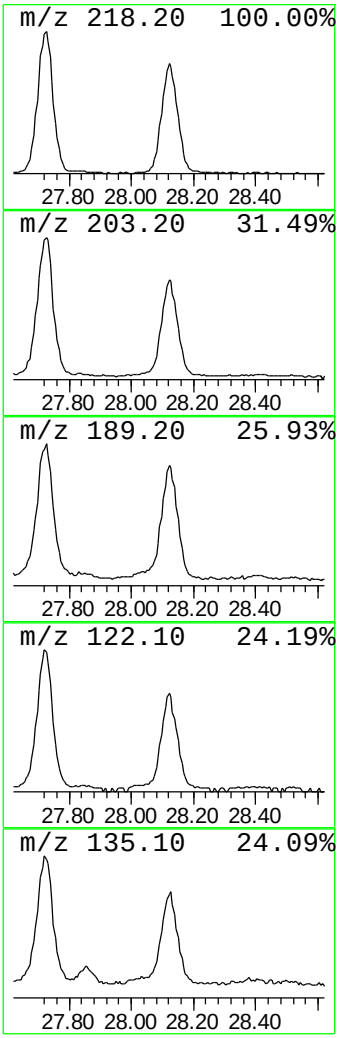
Peak Number 12 2(1H)Naphthalenone, 3,5,6,7... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.12	12.70 ng/ul	1261010	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	78
2	.alpha.-Amyrin	426	C30H50O	000638-95-9	78
3	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	64
4	Olean-12-ene, 3-methoxy-, (3.bet...	440	C31H52O	014021-26-2	64
5	.beta.-Amyrin	426	C30H50O	000559-70-6	64





Library Search Compound Report

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Acq On : 01 Nov 2015 20:50
Operator : UM/IZ
Sample : G4210-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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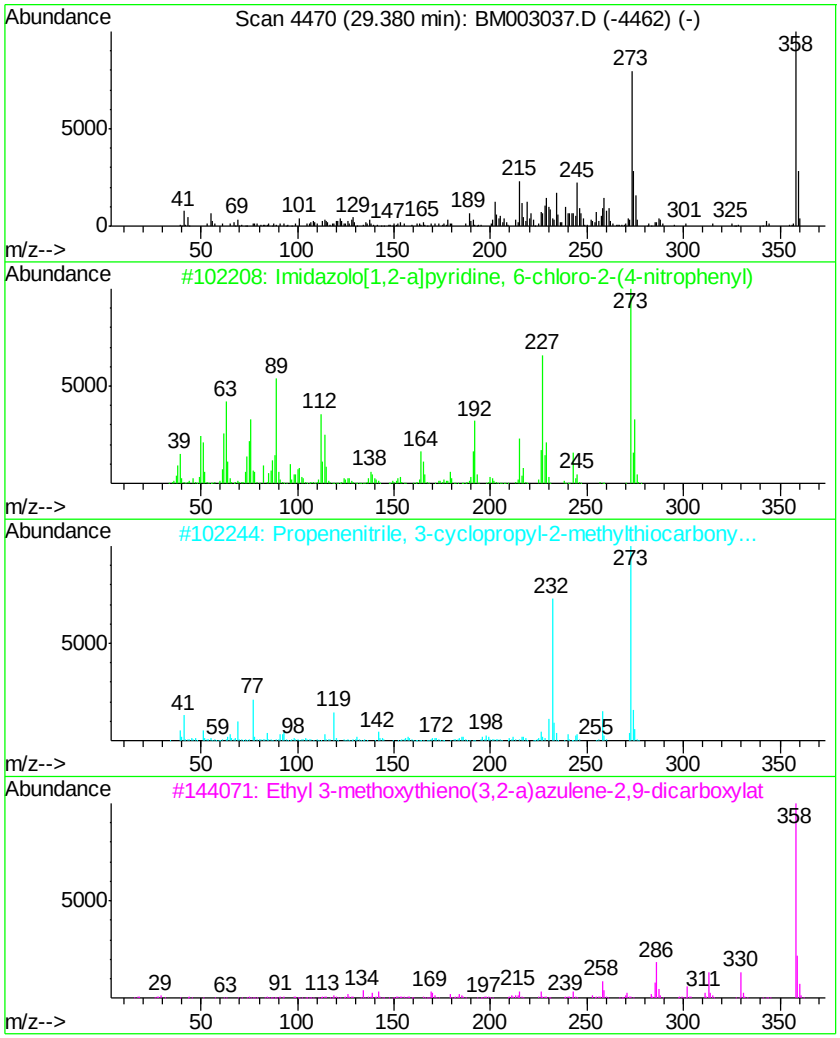
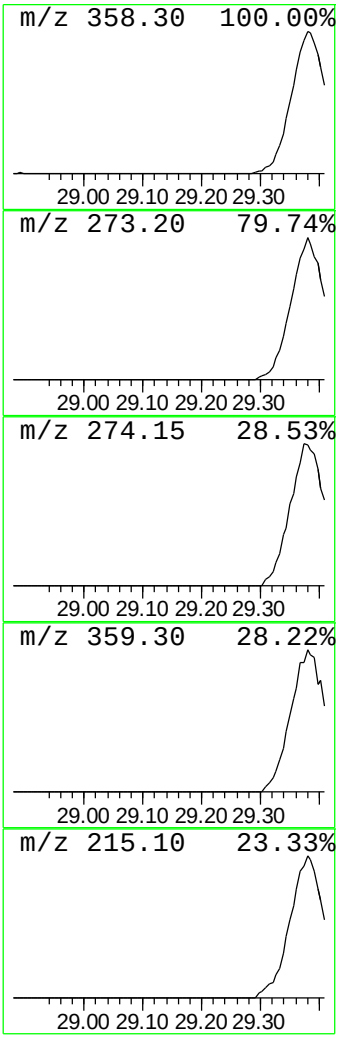
Peak Number 13 Imidazolo[1,2-a]pyridine, 6... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.38	4.32 ng/ul	429041	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazolo[1,2-a]pyridine, 6-chlo...	273	C13H8ClN3O2	118000-62-7	60
2	Propenenitrile, 3-cyclopropyl-2-...	273	C14H15N3OS	1000264-98-1	35
3	Ethyl 3-methoxythieno(3,2-a)azul...	358	C19H18O5S	100231-83-2	30
4	2-Amino-.alpha.-[2-chlorophenyl]...	273	C15H12ClNO2	1000254-08-5	30
5	Malonodinitrile, 2-[3-dimethylam...	273	C18H15N3	1000264-78-5	27





Tentatively Identified Compound (LSC) summary

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Data File : BM003037.D
Acq On : 01 Nov 2015 20:50
Operator : UM/IZ
Sample : G4210-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur	14.96	3.5	ng/ul	272228	3	14.41	1557800	20.0
(DEL) Alkane: Str...	15.67	2.2	ng/ul	169293	3	14.41	1557800	20.0
(DEL) Alkane: Str...	16.15	2.9	ng/ul	246058	4	17.15	1693730	20.0
(DEL) Alkane: Str...	16.97	5.5	ng/ul	469895	4	17.15	1693730	20.0
(DEL) Alkane: Str...	17.57	2.4	ng/ul	198852	4	17.15	1693730	20.0
n-Hexadecanoic acid	18.05	2.2	ng/ul	183028	4	17.15	1693730	20.0
(DEL) Alkane: Str...	19.15	2.5	ng/ul	216254	4	17.15	1693730	20.0
unknown-01	21.00	4.3	ng/ul	316845	5	21.34	1485090	20.0
(DEL) Alkane: Cyc...	24.24	3.4	ng/ul	335532	6	23.62	1985440	20.0
8-Amino-6,7-dimet...	27.14	6.4	ng/ul	631407	6	23.62	1985440	20.0
4,4,6a,6b,8a,11,1...	27.73	15.8	ng/ul	1566910	6	23.62	1985440	20.0
2(1H)Naphthalenon...	28.12	12.7	ng/ul	1261010	6	23.62	1985440	20.0
Imidazolo[1,2-a]p...	29.38	4.3	ng/ul	429041	6	23.62	1985440	20.0