LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096191.D
Acq On : 24 Jun 2017 15:37
Operator : SJ/MA
Sample : I3851-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-37-1.5-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.546	7	10	29	rBV	56116	109000	6.86%	0.579%
2	1.828	49	58	65	rVB6	8494	19157	1.21%	0.102%
3	4.422	495	499	519	rBV	65767	185479	11.67%	0.985%
4	4.987	590	595	599	rBV	12289	20224	1.27%	0.107%
5	5.151	619	623	649	rBV	512577	1336090	84.04%	7.097%
6	5.393	660	664	671	rVB4	18996	31933	2.01%	0.170%
7	6.663	874	880	892	rBV2	25486	55740	3.51%	0.296%
8	6.845	908	911	921	rBV	565947	1116501	70.23%	5.931%
9	6.922	921	924	934	rVB	856058	1589740	100.00%	8.445%
10	7.069	945	949	957	rVB2	22772	43600	2.74%	0.232%
11	7.257	978	981	992	rBV	259363	375357	23.61%	1.994%
12	7.357	992	998	1003	rVB5	15664	23725	1.49%	0.126%
13	7.498	1017	1022	1035	rBV	854581	1157373	72.80%	6.148%
14	8.186	1135	1139	1156	rBV	492801	819865	51.57%	4.355%
15	8.310	1156	1160	1165	rVB2	22839	35624	2.24%	0.189%
16	9.292	1323	1327	1332	rBV	342616	474646	29.86%	2.521%
17	9.392	1341	1344	1348	rVB2	22708	29485	1.85%	0.157%
18	9.522	1358	1366	1370	rVB3	11733	18696	1.18%	0.099%
19	10.110	1459	1466	1469	rBV	19083	29384	1.85%	0.156%
20	10.386	1508	1513	1518	rVB2	25855	31731	2.00%	0.169%
21	10.463	1522	1526	1535	rBV	66556	93978	5.91%	0.499%
22	10.616	1547	1552	1558	rBV	34418	50581	3.18%	0.269%
23	11.075	1625	1630	1641	rVB	1224903	1496070	94.11%	7.947%
24	11.304	1664	1669	1672	rBV	34646	40995	2.58%	0.218%
25	11.375	1677	1681	1687	rVV3	15976	26081	1.64%	0.139%
26	11.480	1695	1699	1709	rBV3	26931	60800	3.82%	0.323%
27	11.598	1715	1719	1723	rBV3	36864	55887	3.52%	0.297%
28	11.639	1723	1726	1731	rVB2	33273	43744	2.75%	0.232%
29	11.774	1744	1749	1755	rBV	163918	231014	14.53%	1.227%
30	11.816	1755	1756	1760	rVB	21628	19688	1.24%	0.105%
31	11.892	1766	1769	1777	rBV	37483	58718	3.69%	0.312%
32	12.116	1802	1807	1812	rVV2	368585	479910	30.19%	2.549%
33	12.163	1812	1815	1825	rVB4	57417	85903	5.40%	0.456%
34	12.327	1838	1843	1850	rBV5	12583	24581	1.55%	0.131%

LSC Area Percent Report

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Data File : BF096191.D
Acq On : 24 Jun 2017 15:37
Operator : SJ/MA
Sample : I3851-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-37-1.5-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.469	1863	1867	1870	rBV	25776	35086	2.21%	0.186%
36	12.674	1898	1902	1906	rVB6	14672	23610	1.49%	0.125%
37	12.716	1906	1909	1916	rBV5	13988	19952	1.26%	0.106%
38	12.810	1920	1925	1928	rBV2	11660	16910	1.06%	0.090%
39	12.916	1940	1943	1946	rBV2	17724	17974	1.13%	0.095%
40	12.974	1948	1953	1956	rVV	54325	67365	4.24%	0.358%
41	13.016	1957	1960	1969	rVB7	28596	50250	3.16%	0.267%
42	13.092	1969	1973	1978	rBV6	13280	24764	1.56%	0.132%
43	13.286	2001	2006	2009	rBV4	13683	24251	1.53%	0.129%
44	13.327	2009	2013	2019	rVB4	20972	37887	2.38%	0.201%
45	13.416	2024	2028	2038	rBV	427841	667339	41.98%	3.545%
46	13.698	2073	2076	2080	rBV	30912	49265	3.10%	0.262%
47	13.745	2080	2084	2085	rBV2	50265	57492	3.62%	0.305%
48	14.145	2146	2152	2155	rBV7	14869	28309	1.78%	0.150%
49	14.251	2166	2170	2174	rVB2	23238	33522	2.11%	0.178%
50	14.345	2183	2186	2191	rVB2	16165	21554	1.36%	0.114%
51	14.427	2195	2200	2204	rBV2	83236	102930	6.47%	0.547%
52	14.474	2204	2208	2210	rVV2	34742	42900	2.70%	0.228%
53	14.510	2210	2214	2218	rVV	330129	422509	26.58%	2.244%
54	14.551	2218	2221	2228	rVB	148084	200475	12.61%	1.065%
55	14.639	2230	2236	2244	rVB	77892	116845	7.35%	0.621%
56	14.745	2249	2254	2257	rBV4	18030	27423	1.72%	0.146%
57	14.915	2279	2283	2287	rBV6	11733	21959	1.38%	0.117%
58	14.957	2287	2290	2294	rBV2	30340	49132	3.09%	0.261%
59	15.051	2303	2306	2310	rBV	22710	33669	2.12%	0.179%
60	15.163	2322	2325	2327	rBV3	24766	25745	1.62%	0.137%
61	15.321	2348	2352	2356	rBV2	73045	79879	5.02%	0.424%
62	15.368	2356	2360	2363	rBV	82894	101052	6.36%	0.537%
63	15.439	2370	2372	2375	rVB	19083	18464	1.16%	0.098%
64	15.480	2376	2379	2381	rBV2	37343	45323	2.85%	0.241%
65	15.545	2388	2390	2398	rVB4	81279	106107	6.67%	0.564%
66	15.692	2411	2415	2418	rBV5	20221	31717	2.00%	0.168%
67	15.774	2426	2429	2432	rBV2	53030	64856	4.08%	0.345%
68	15.804	2432	2434	2439	rVB2	46372	54349	3.42%	0.289%
69	15.857	2440	2443	2449	rVB3	42843	63213	3.98%	0.336%
70	15.992	2463	2466	2471	rVB3	29256	34680	2.18%	0.184%
71	16.039	2471	2474	2478	rBV	44390	64003	4.03%	0.340%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : G-37-1.5-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.074	2478	2480	2486	rVB3	33209	43099	2.71%	0.229%
73	16.139	2487	2491	2495	rBV	69743	97419	6.13%	0.517%
74	16.186	2495	2499	2503	rVB5	23053	43060	2.71%	0.229%
75	16.268	2508	2513	2519	rBV2	32172	66135	4.16%	0.351%
76	16.345	2519	2526	2531	rBV	313343	412986	25.98%	2.194%
77	16.386	2531	2533	2538	rVB2	32703	37592	2.36%	0.200%
78	16.445	2541	2543	2547	rBV2	22827	32478	2.04%	0.173%
79	16.651	2574	2578	2583	rVB	375543	443403	27.89%	2.355%
80	16.727	2588	2591	2593	rBV4	23851	33956	2.14%	0.180%
81	16.774	2596	2599	2603	rVB	38252	47027	2.96%	0.250%
82	16.845	2608	2611	2613	rBV4	27633	32084	2.02%	0.170%
83	16.904	2616	2621	2628	rVB	909386	1084128	68.20%	5.759%
84	16.980	2631	2634	2641	rBV4	32316	53372	3.36%	0.284%
85	17.098	2650	2654	2656	rBV3	48821	73439	4.62%	0.390%
86	17.256	2678	2681	2685	rBV2	80614	120150	7.56%	0.638%
87	17.368	2697	2700	2704	rVB	66665	77245	4.86%	0.410%
88	17.456	2713	2715	2720	rBV6	32668	44333	2.79%	0.235%
89	17.821	2775	2777	2783	rVB	72032	85353	5.37%	0.453%
90	17.927	2792	2795	2798	rBV2	52354	65118	4.10%	0.346%
91	18.103	2822	2825	2829	rVB2	74450	82622	5.20%	0.439%
92	18.251	2845	2850	2854	rBV2	404178	677741	42.63%	3.600%
93	18.286	2854	2856	2860	rVV	223669	288237	18.13%	1.531%
94	18.327	2860	2863	2867	rVB	112298	137776	8.67%	0.732%
95	18.915	2960	2963	2965	rBV3	53597	65762	4.14%	0.349%
96	19.298	3024	3028	3033	rBV	282750	342368	21.54%	1.819%
97	19.527	3064	3067	3071	rBV	318651	445993	28.05%	2.369%
98	19.821	3113	3117	3124	rBV	221306	281452	17.70%	1.495%
99	19.880	3124	3127	3133	rBV	129829	183870	11.57%	0.977%
100	19.933	3133	3136	3140	rBV	249478	272881	17.17%	1.450%

Sum of corrected areas: 18825139

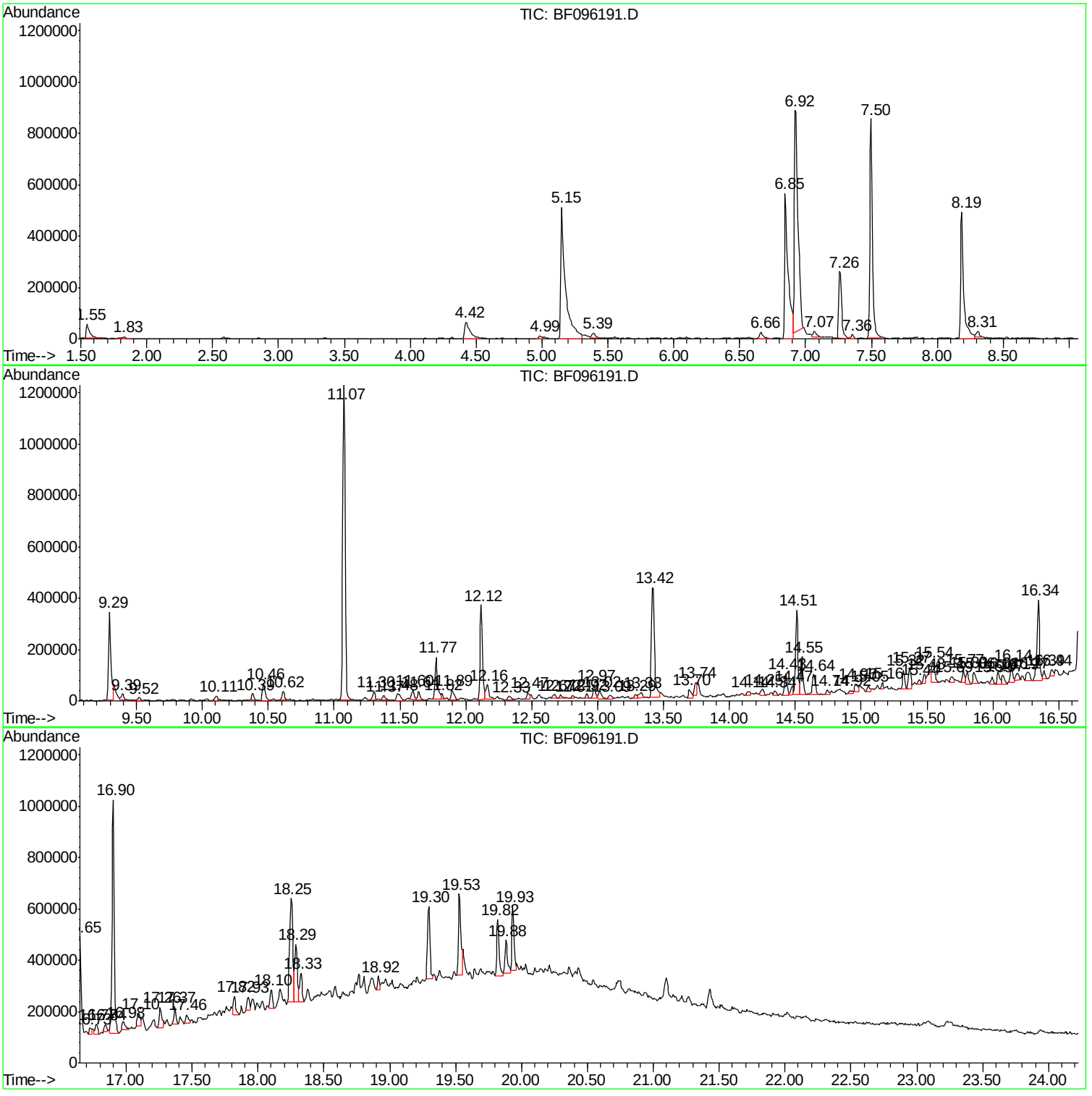
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096191.D
Acq On : 24 Jun 2017 15:37
Operator : SJ/MA
Sample : I3851-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-37-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
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Operator : SJ/MA
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Misc :
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Instrument : BNA_F
ClientSampleId : G-37-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

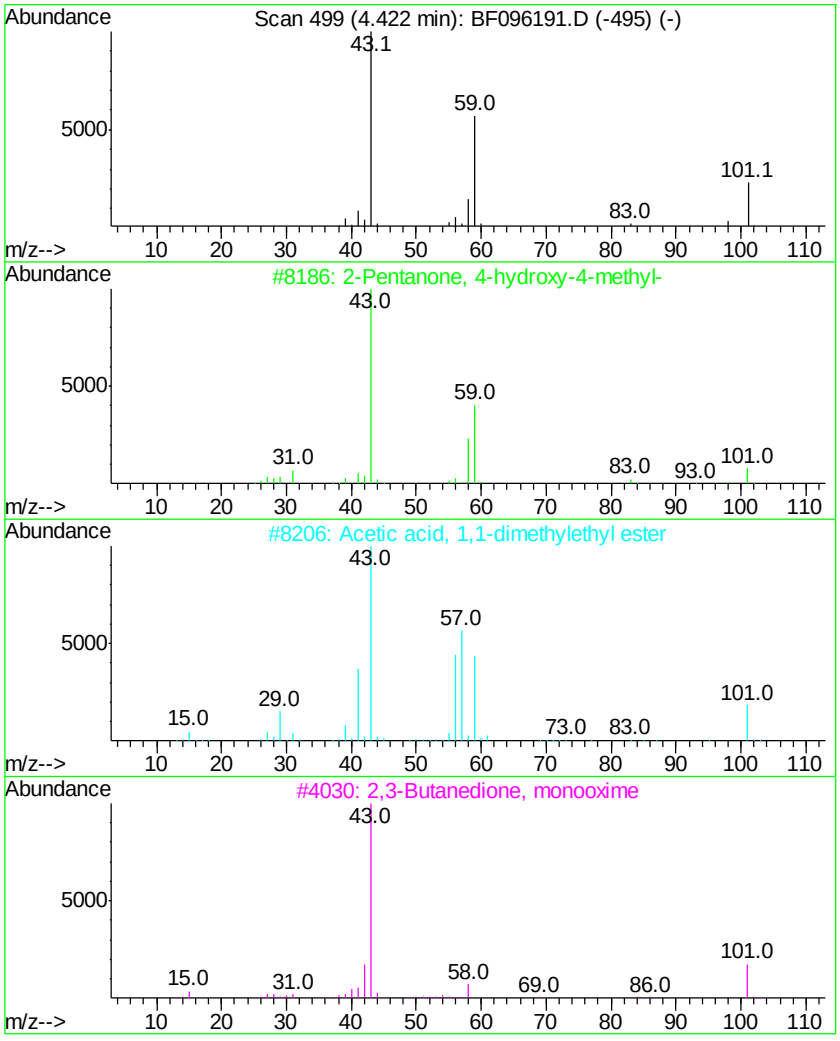
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

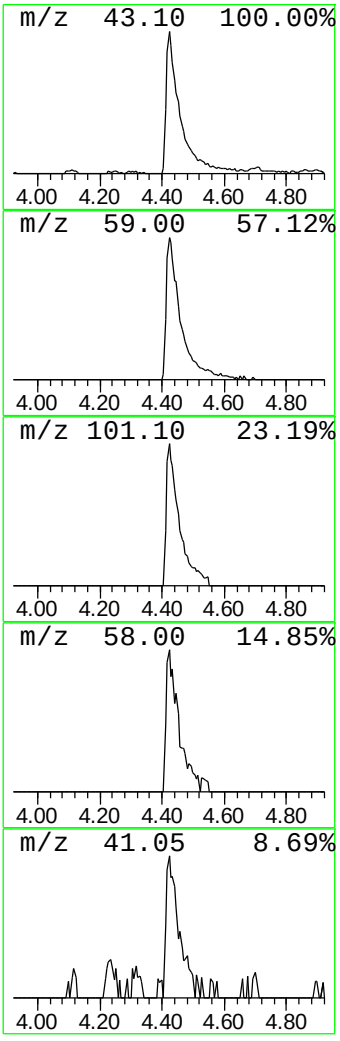
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	9.88 ng	185479	1,4-Dichlorobenzene-d4	7.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096191.D
Acq On : 24 Jun 2017 15:37
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Sample : I3851-10
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Instrument : BNA_F
ClientSampleId : G-37-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

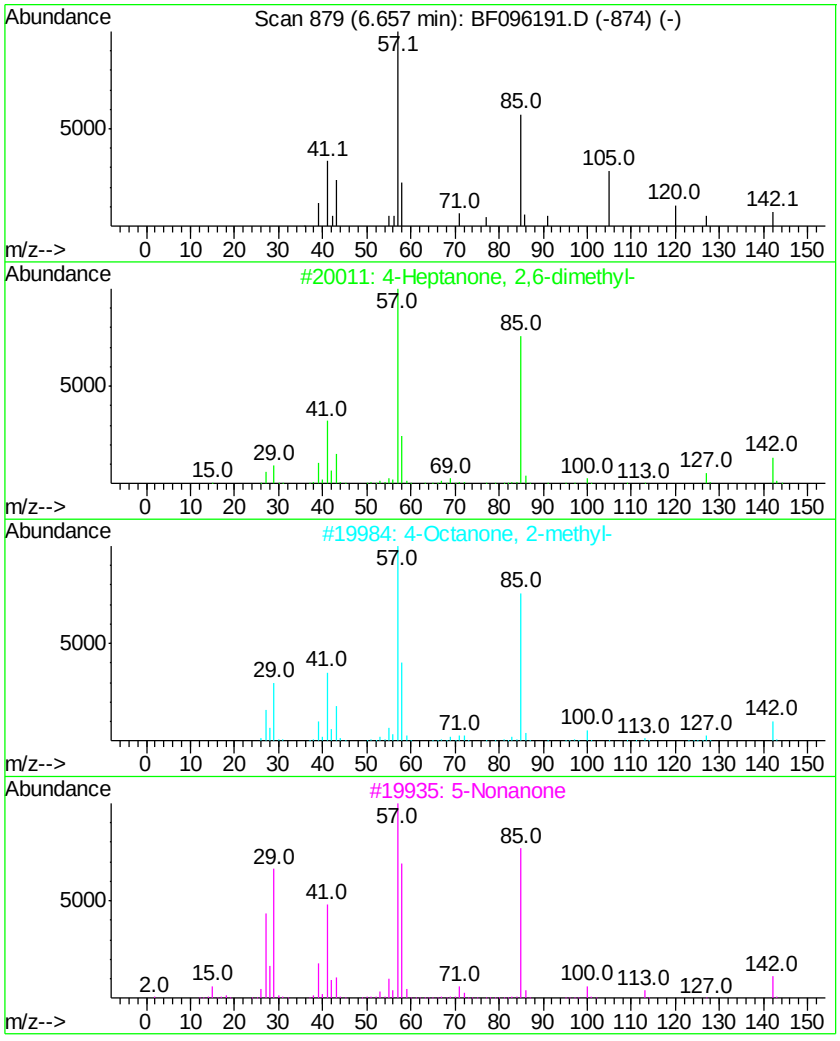
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

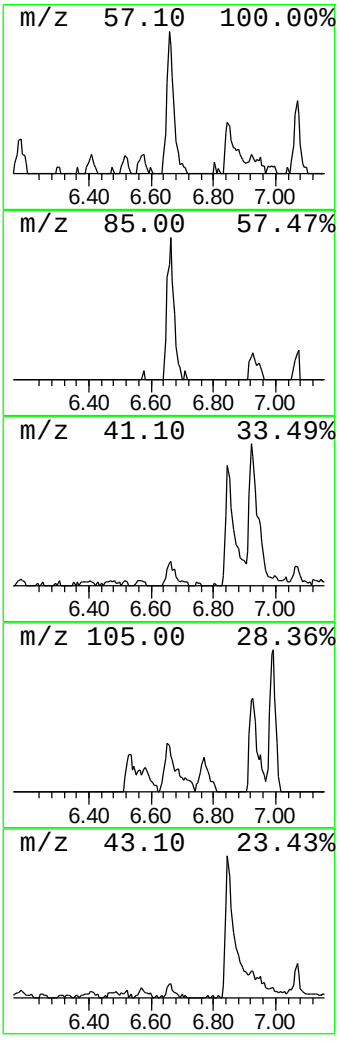
****

Peak Number 3 4-Heptanone, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	2.97 ng	55740	1,4-Dichlorobenzene-d4	7.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	72
2	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	64
3	5-Nonanone	142	C9H18O	000502-56-7	58
4	Pentanethioic acid, S-propyl ester	160	C8H16OS	002432-76-0	40
5	2,4-Hexanedione, 5,5-dimethyl-	142	C8H14O2	007307-04-2	40





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Sample : I3851-10
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Instrument : BNA_F
ClientSampleId : G-37-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

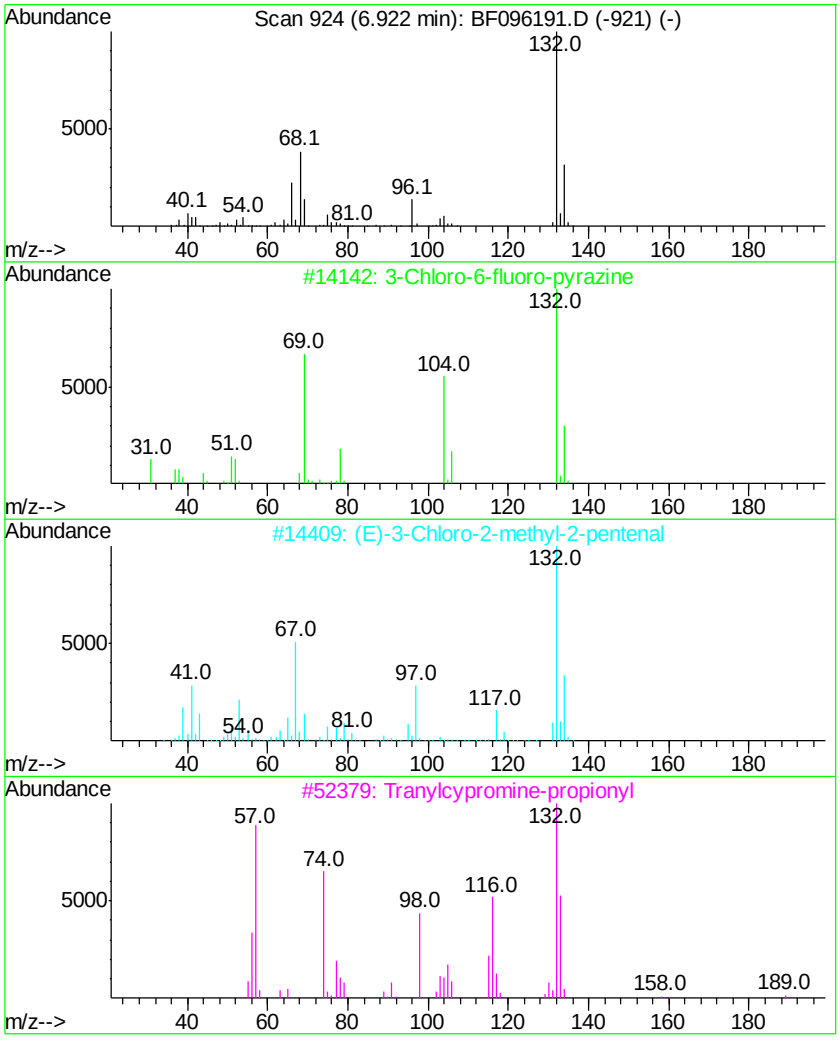
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

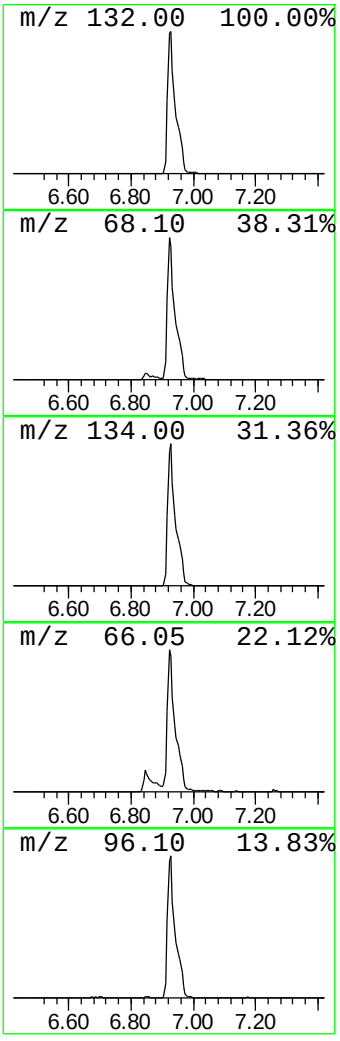
****

Peak Number 4 unknown6.92 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	84.71 ng	1589740	1,4-Dichlorobenzene-d4	7.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	30
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Instrument : BNA_F
ClientSampleId : G-37-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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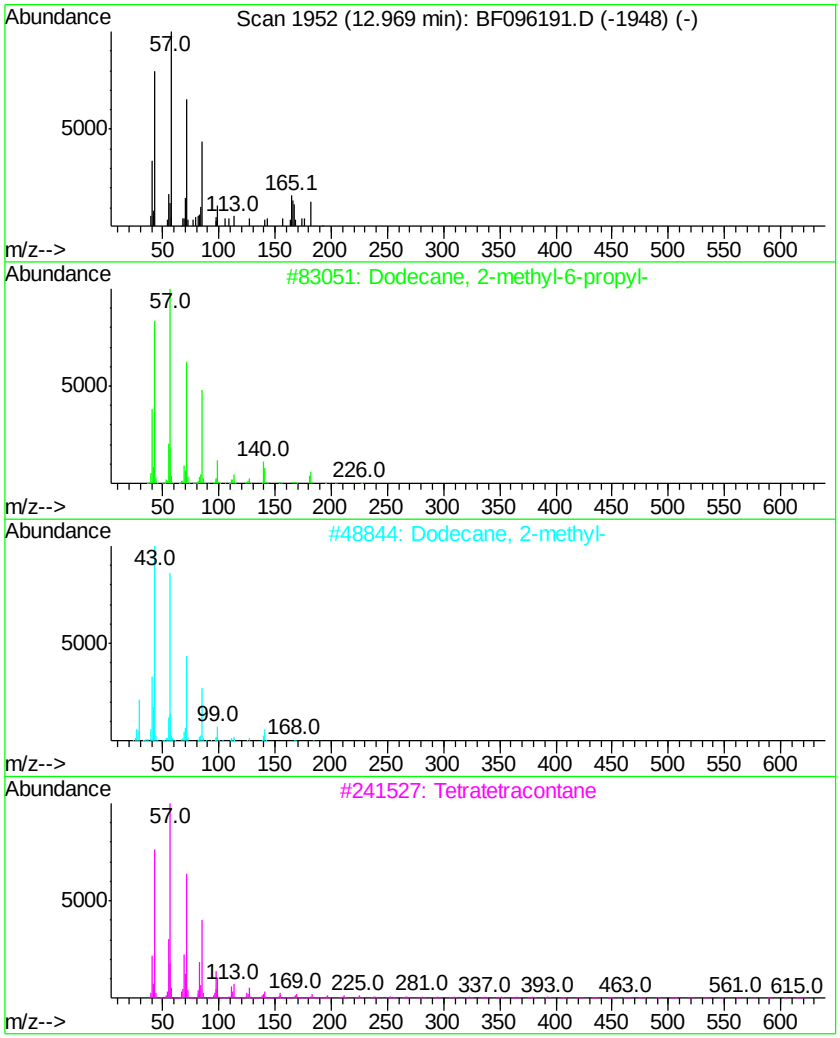
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

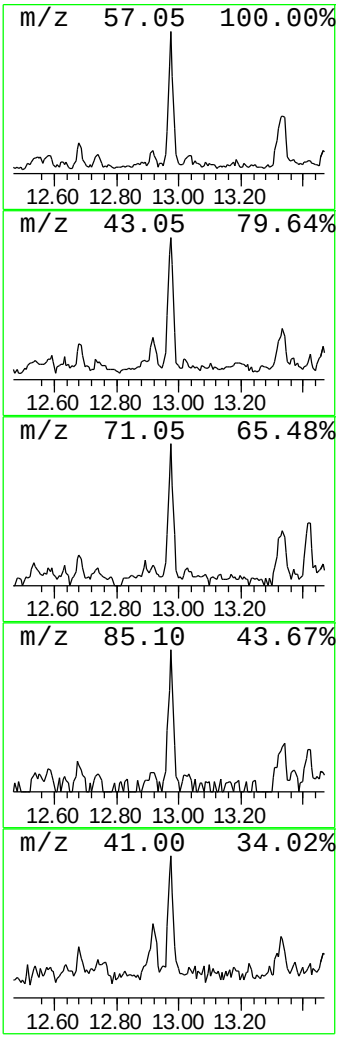
****

Peak Number 6 Dodecane, 2-methyl-6-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	2.81 ng	67365	Acenaphthene-d10	12.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
3	Tetratetracontane	619	C44H90	007098-22-8	64
4	Pentadecane	212	C15H32	000629-62-9	64
5	Tetradecane	198	C14H30	000629-59-4	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096191.D
Acq On : 24 Jun 2017 15:37
Operator : SJ/MA
Sample : I3851-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-37-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

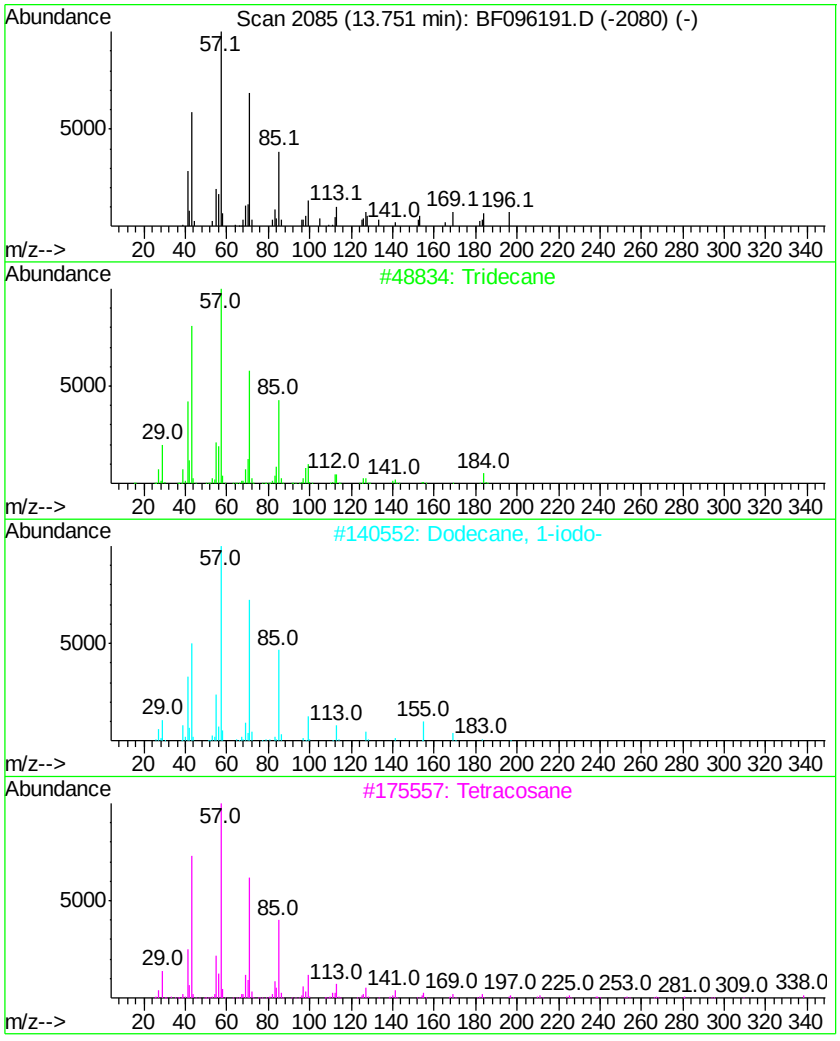
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

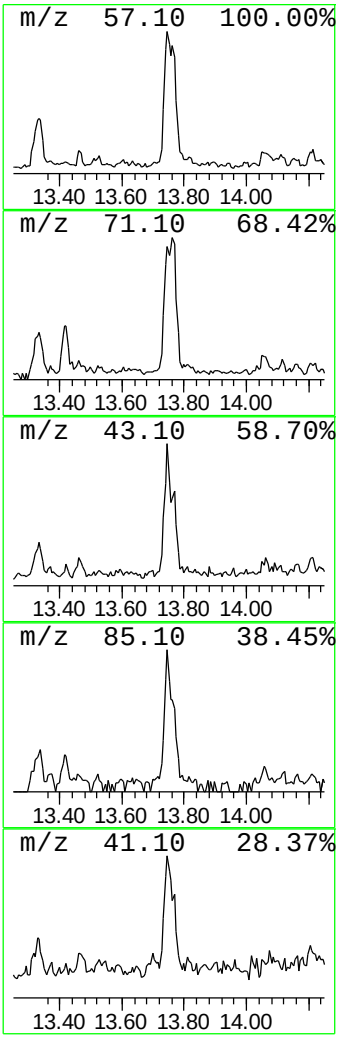
****

Peak Number 7 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.72 ng	57492	Phenanthrene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
3	Tetracosane	338	C24H50	000646-31-1	80
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80





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Sample : I3851-10
Misc :
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ClientSampleId : G-37-1.5-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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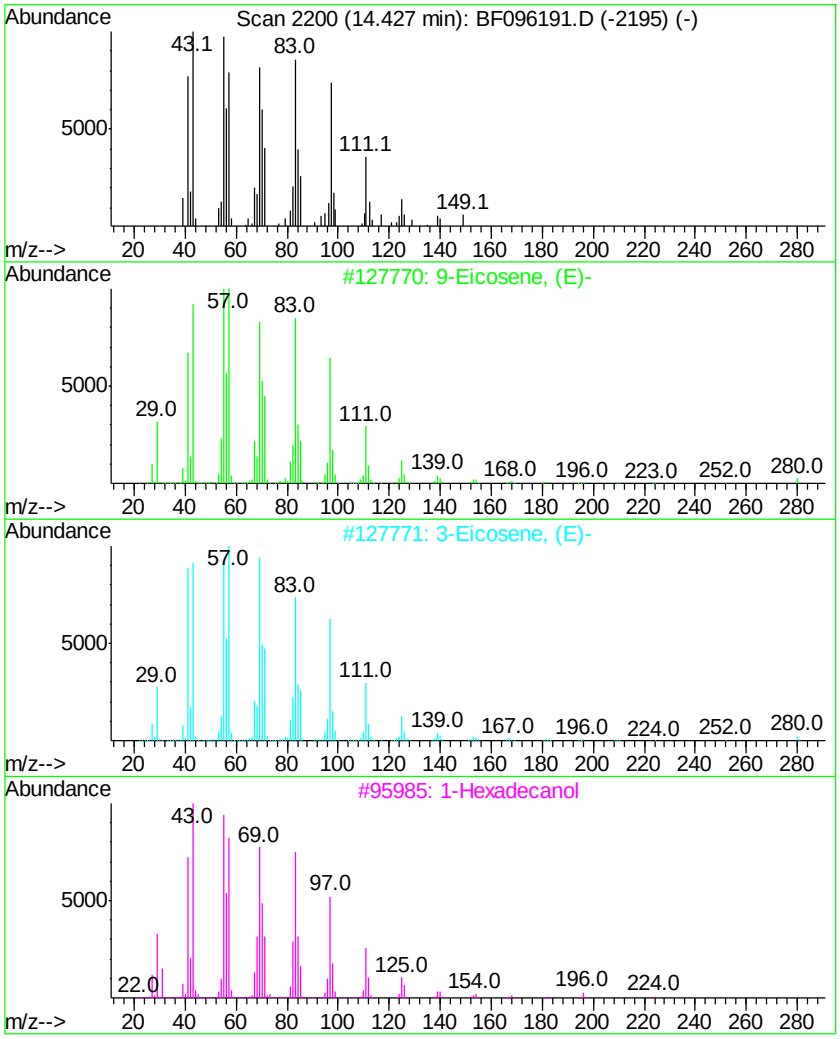
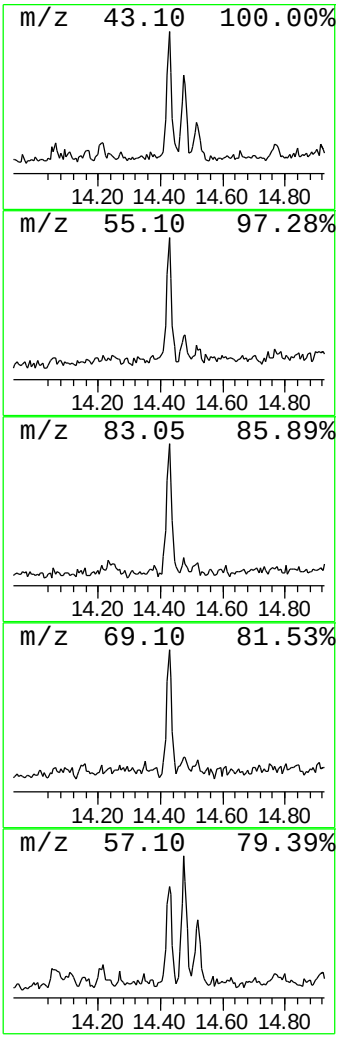
Peak Number 8 9-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	4.87 ng	102930	Phenanthrene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	91





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ClientSampleId : G-37-1.5-3

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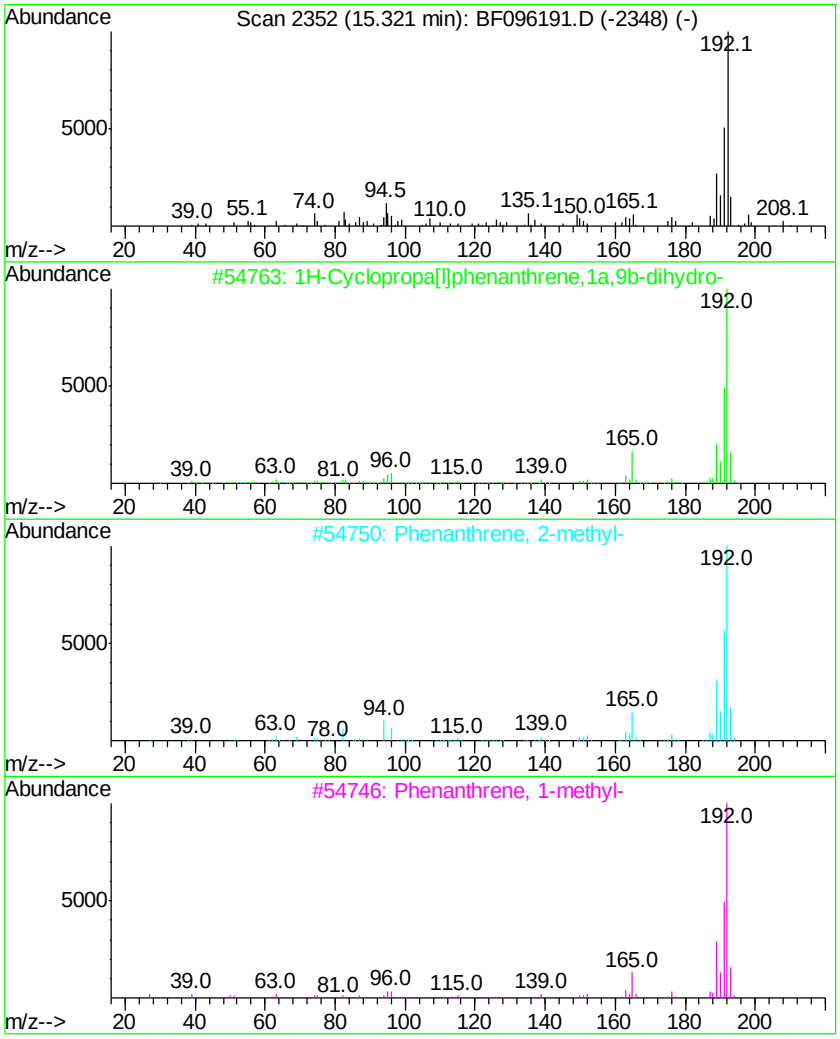
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

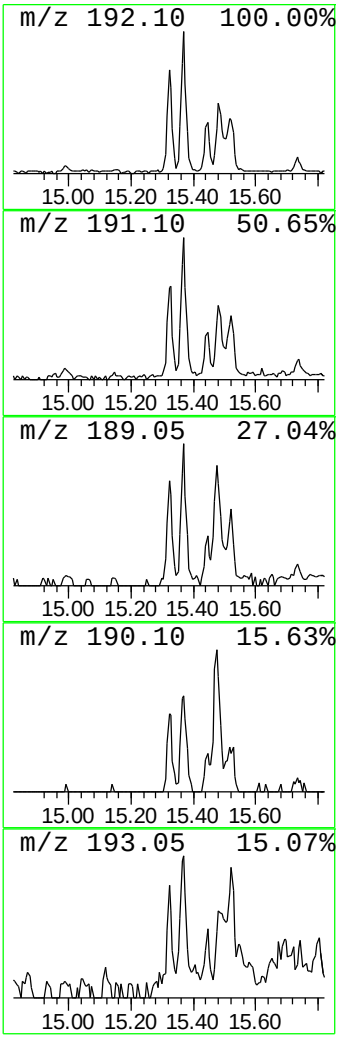
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	3.78 ng	79879	Phenanthrene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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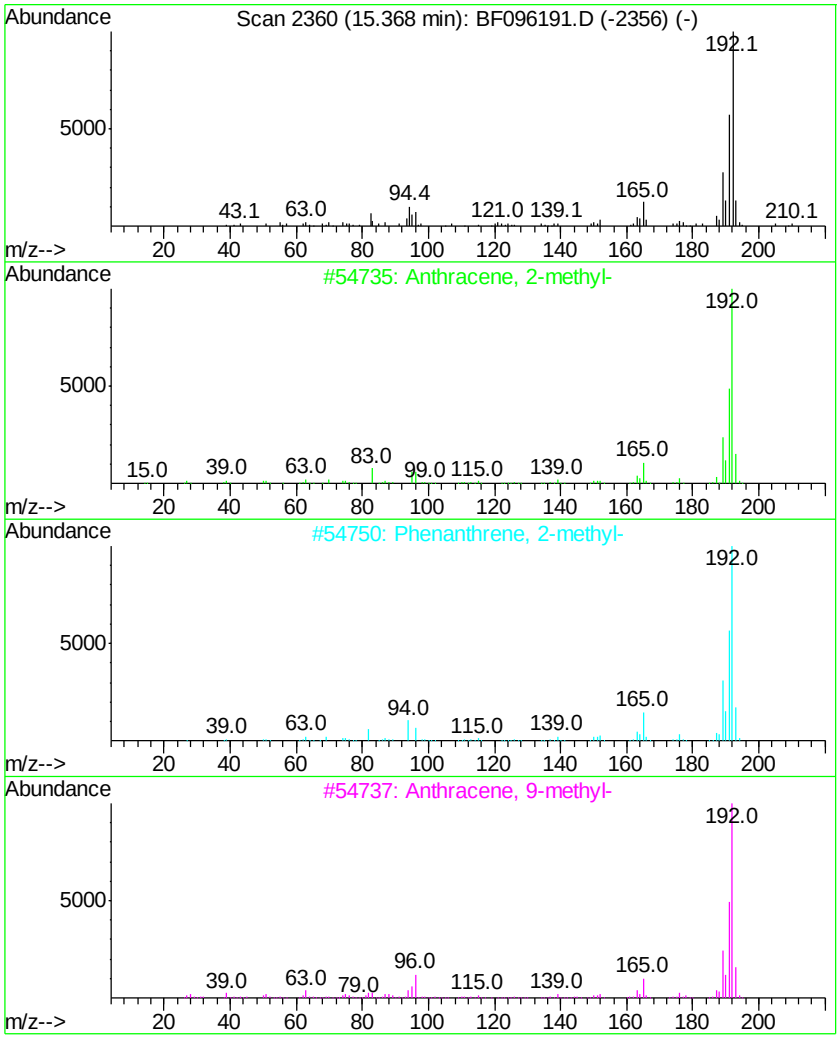
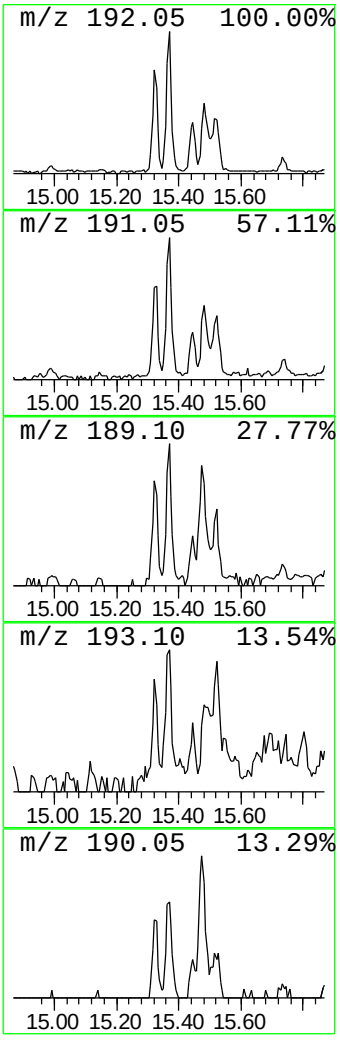
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	4.78 ng	101052	Phenanthrene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





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ClientSampleId : G-37-1.5-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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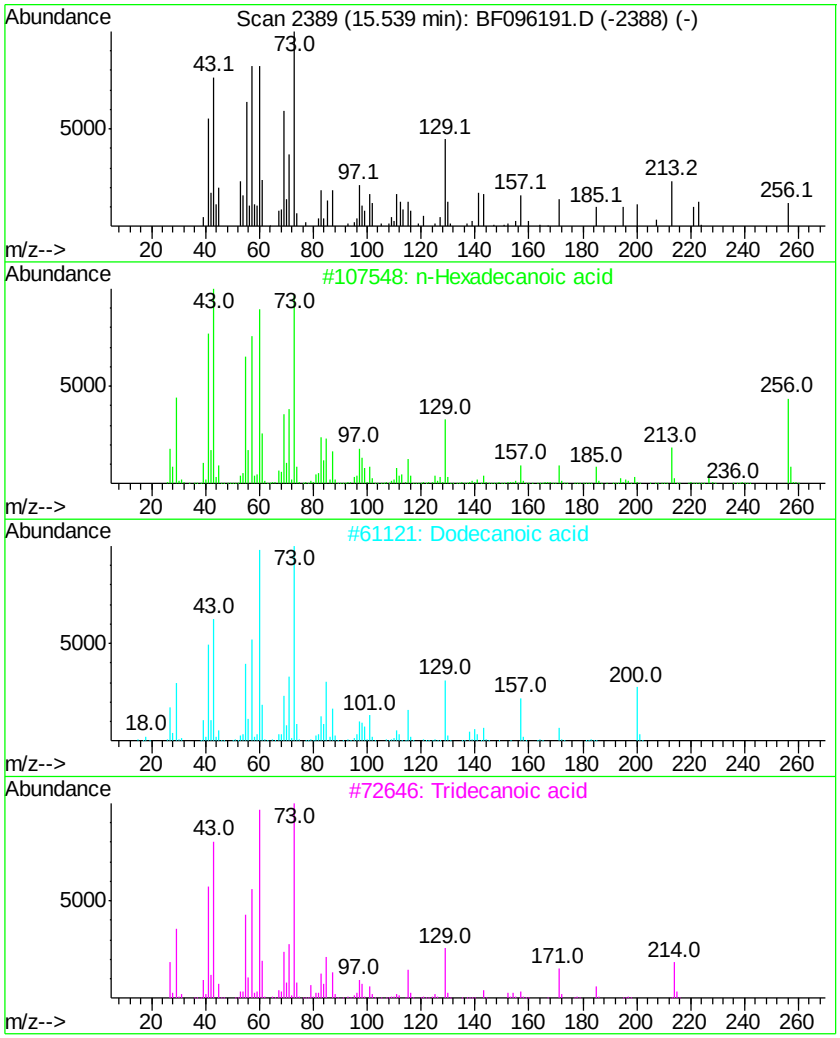
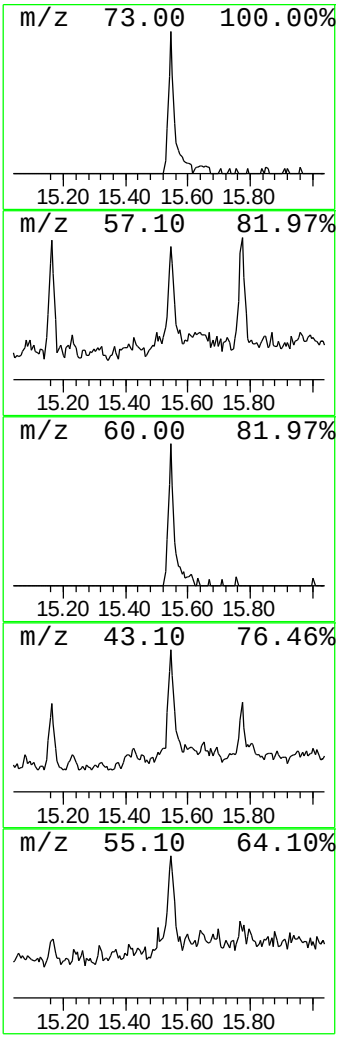
Peak Number 11 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	5.02 ng	106107	Phenanthrene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Dodecanoic acid	200	C12H24O2	000143-07-7	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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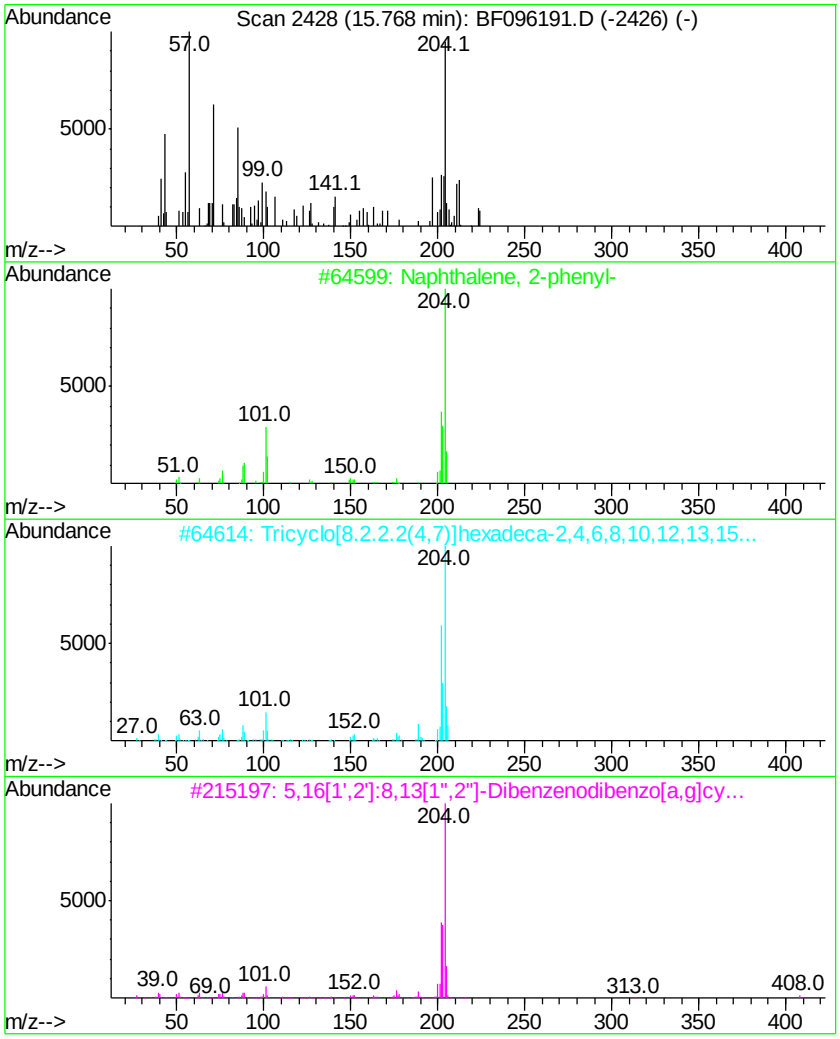
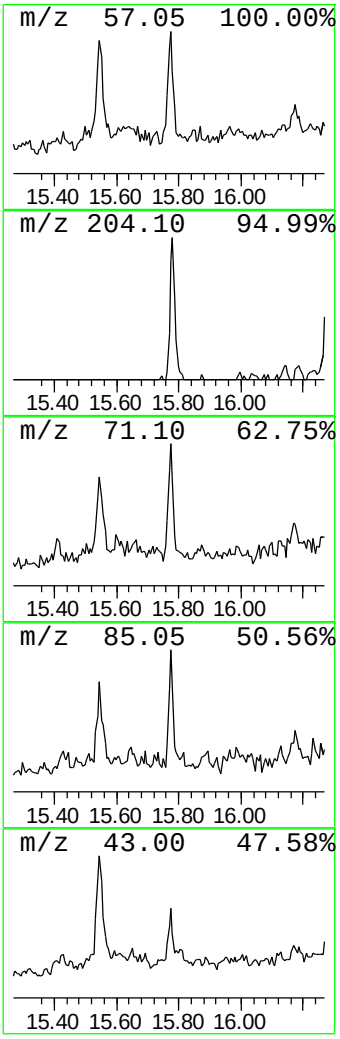
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	3.07 ng	64856	Phenanthrene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49





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ClientSampleId : G-37-1.5-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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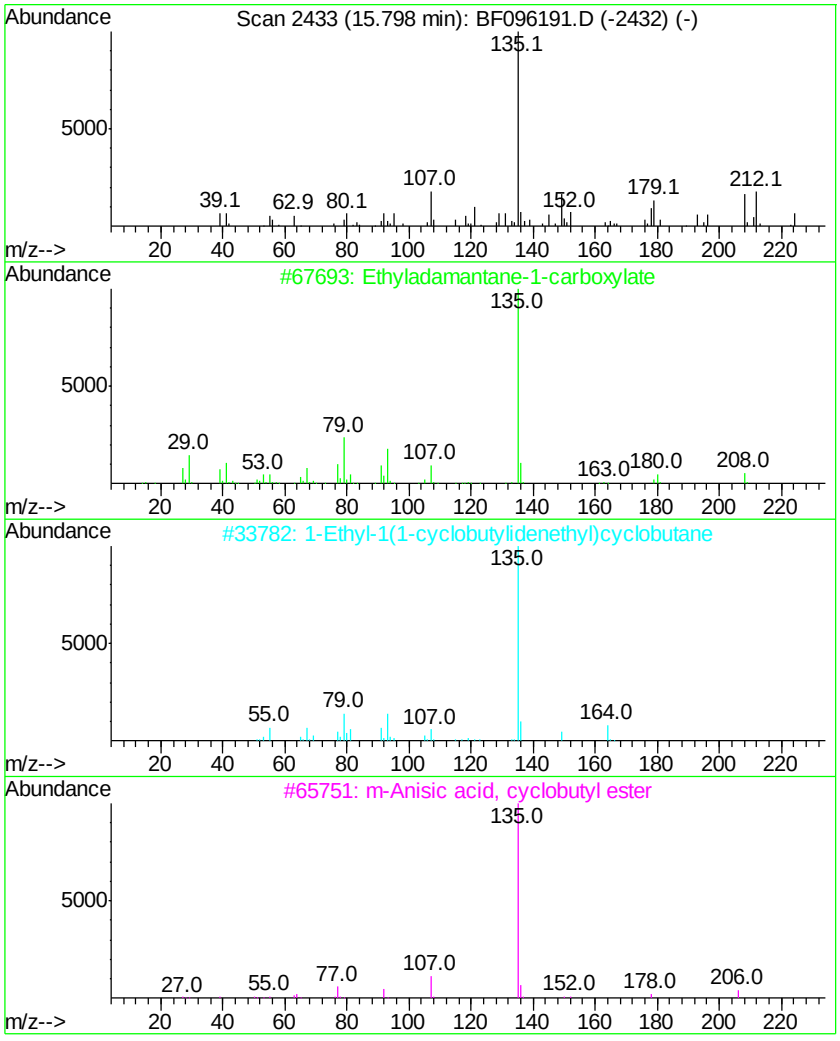
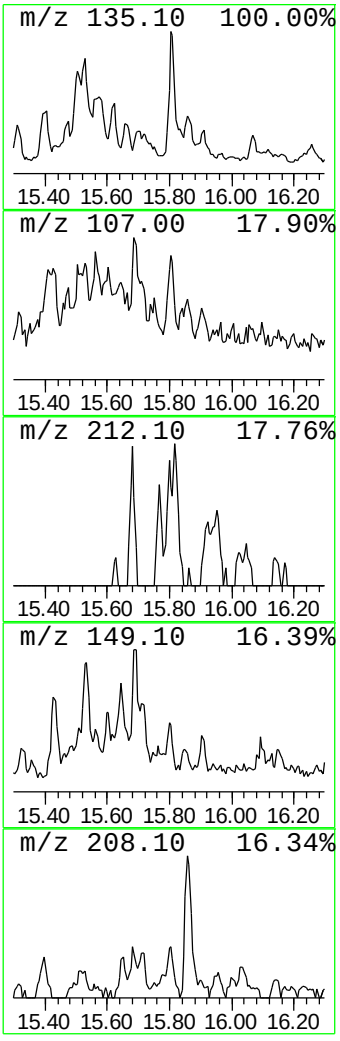
Peak Number 13 Ethyladamantane-1-carboxylate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	2.57 ng	54349	Phenanthrene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyladamantane-1-carboxylate	208	C13H20O2	002094-73-7	64
2	1-Ethyl-1(1-cyclobutylidenethyl)...	164	C12H20	1000215-13-7	64
3	m-Anisic acid, cyclobutyl ester	206	C12H14O3	1000292-25-0	64
4	3-Methoxybenzoic acid, 2,4,6-tri...	330	C14H9Cl3O3	1000325-55-6	64
5	Thymol	150	C10H14O	000089-83-8	64





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Instrument : BNA_F
ClientSampleId : G-37-1.5-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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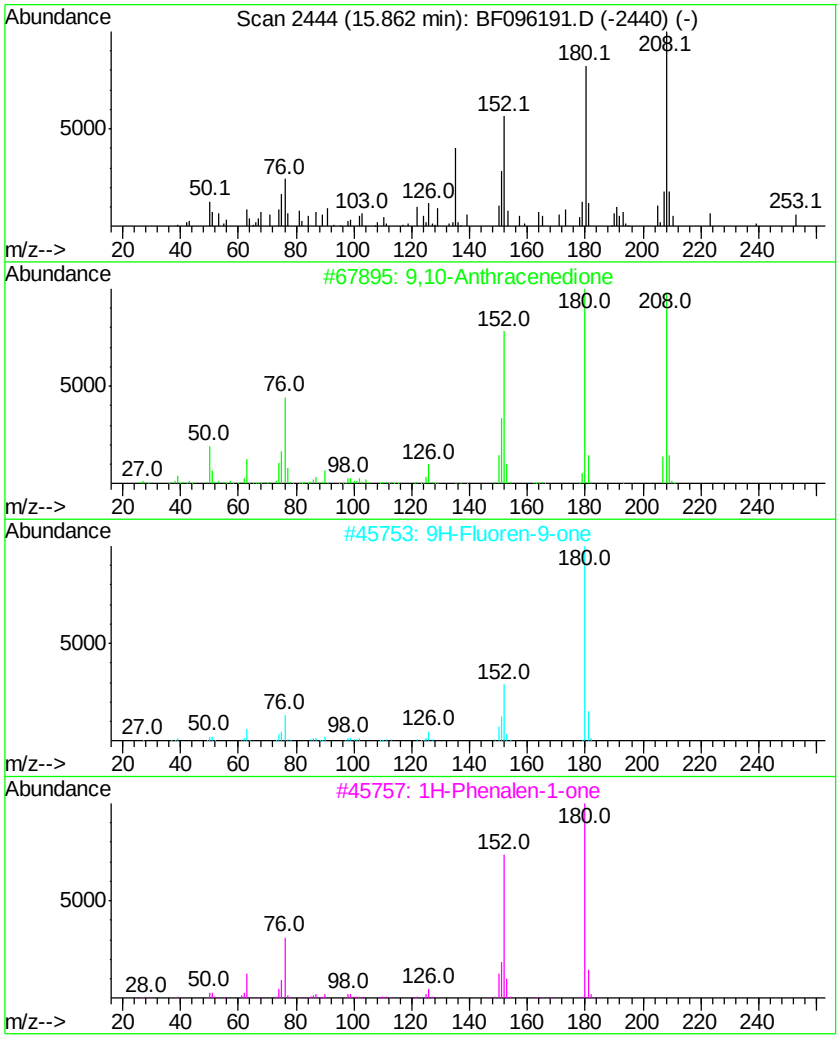
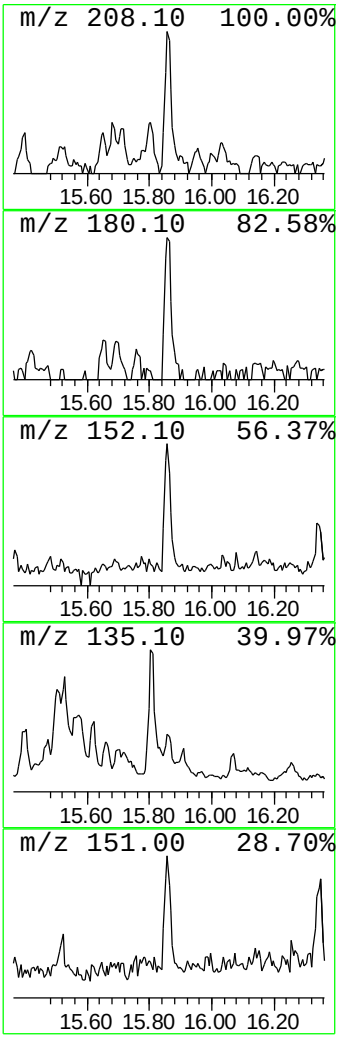
Peak Number 14 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.99 ng	63213	Phenanthrene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	50
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	46
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	46
5	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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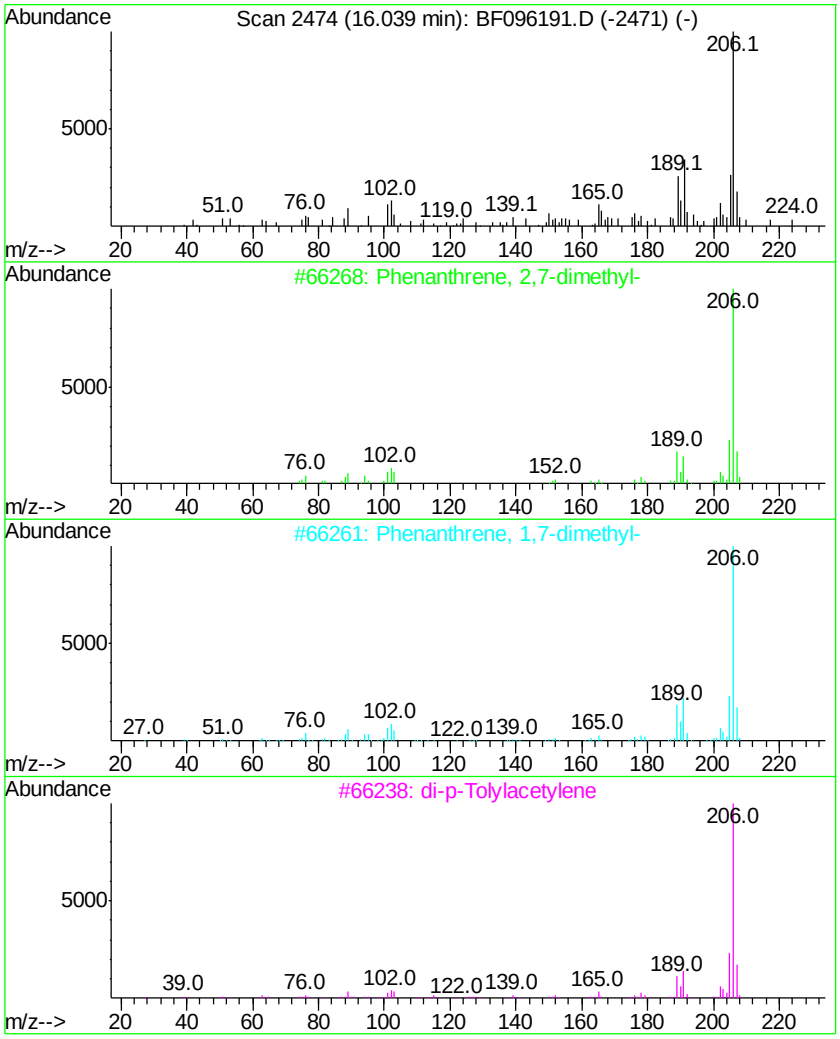
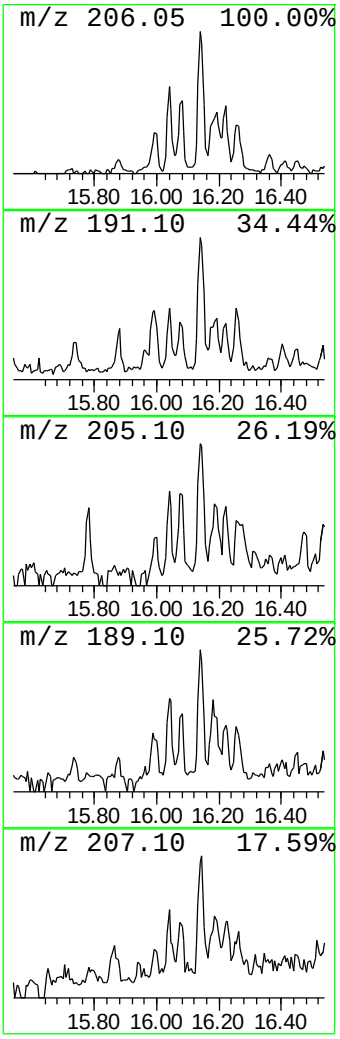
Peak Number 15 Phenanthrene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	3.03 ng	64003	Phenanthrene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87





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

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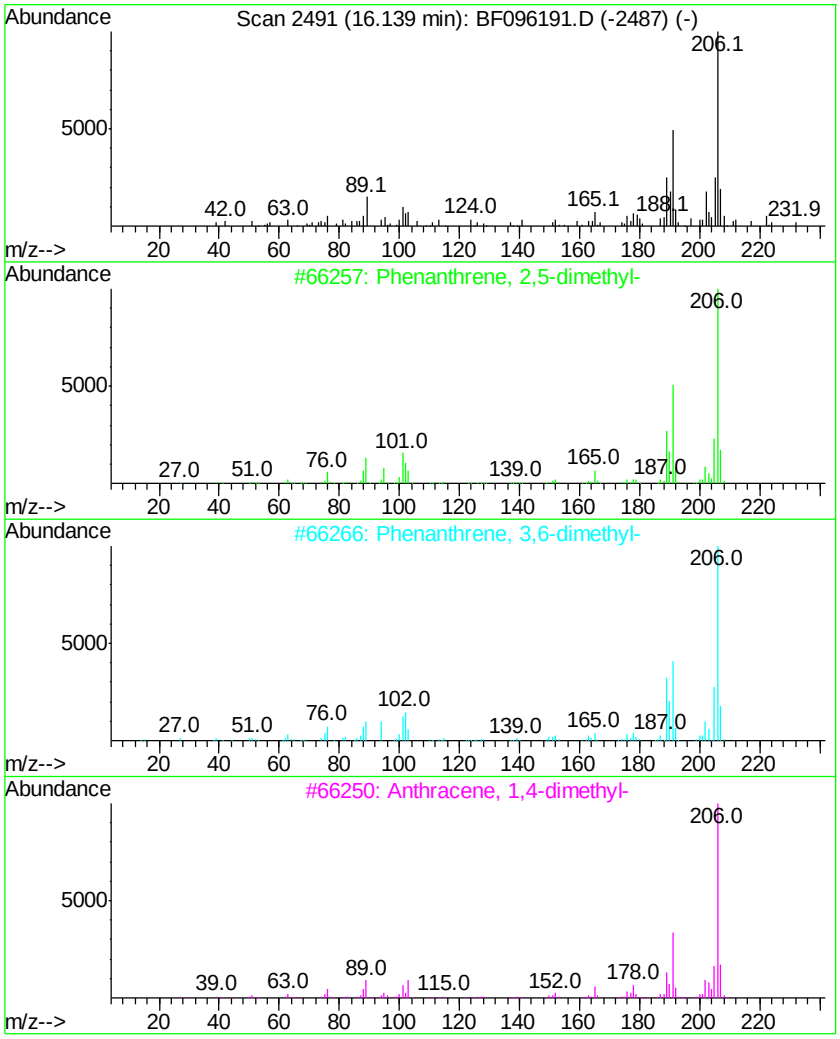
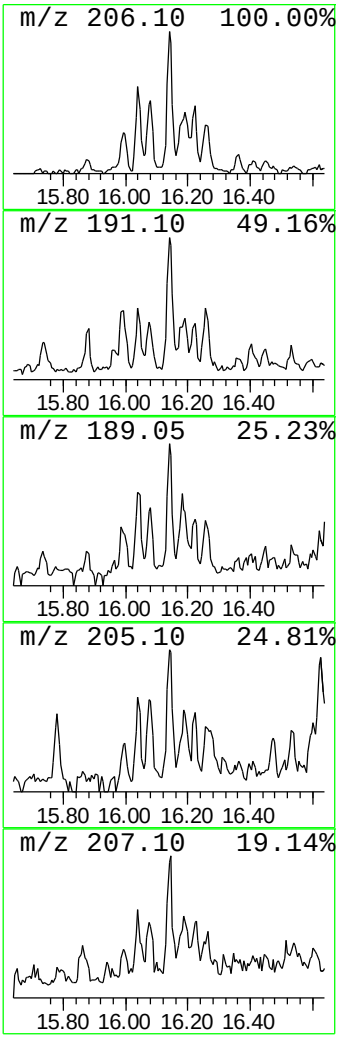
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	4.61 ng	97419	Phenanthrene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	92
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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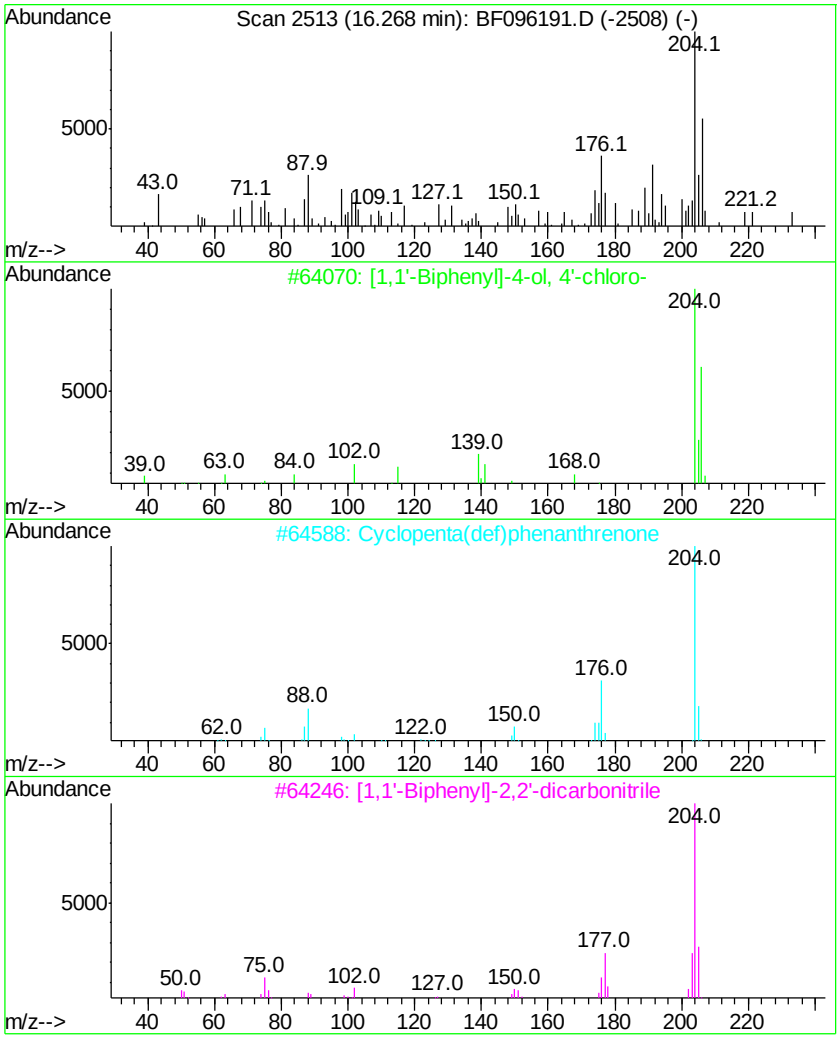
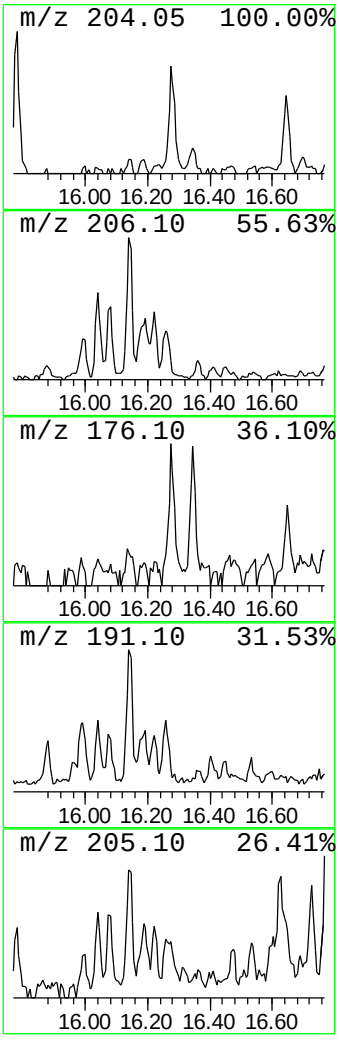
Peak Number 17 unknown16.27 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	3.13 ng	66135	Phenanthrene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	43
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	41
4	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	35
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	35





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TIC Integration Parameters: LSCINT.P

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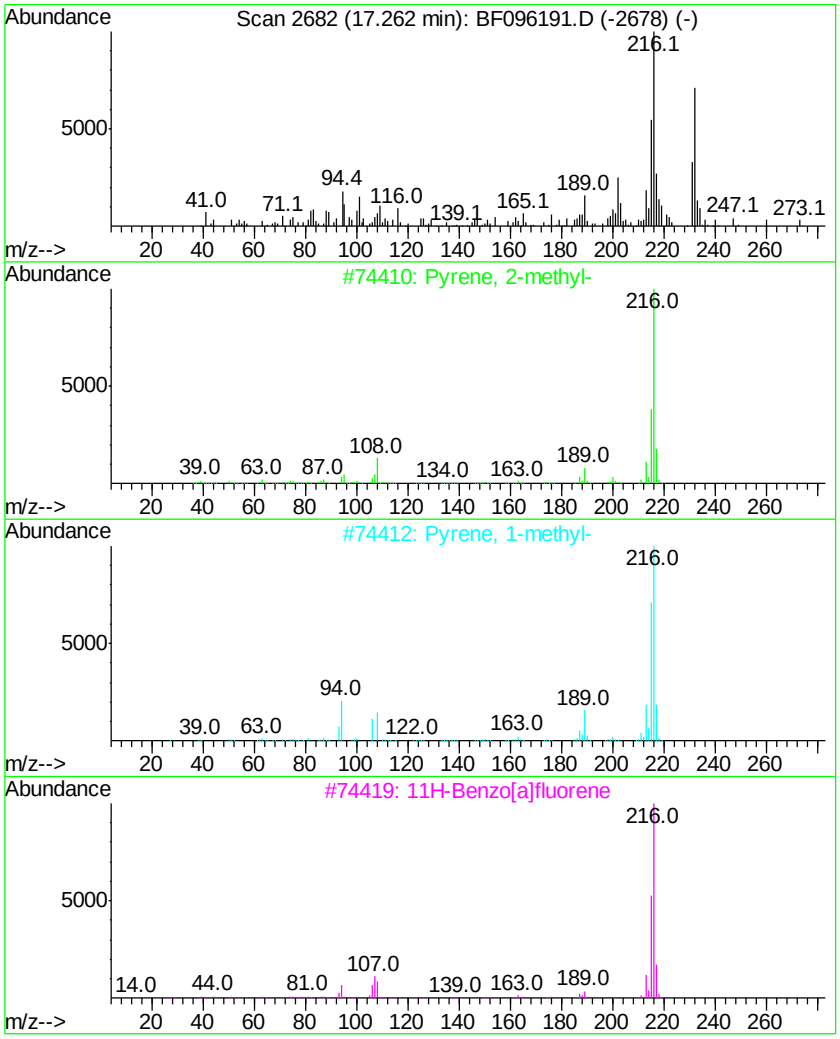
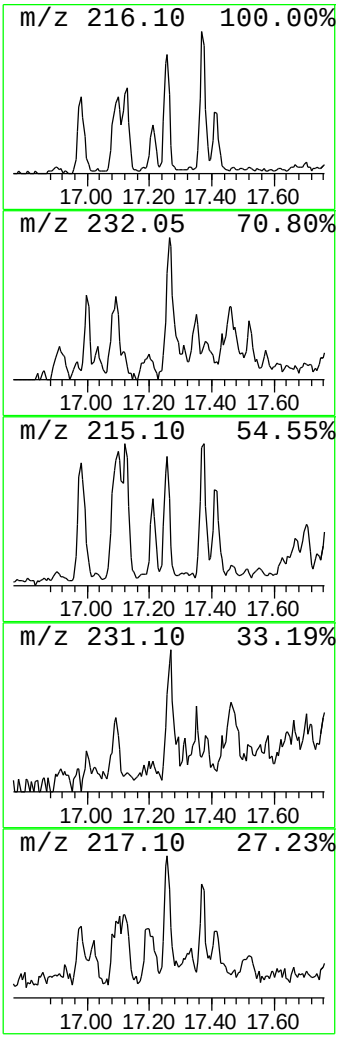
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	3.55 ng	120150	Chrysene-d12	18.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	53





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-37-1.5-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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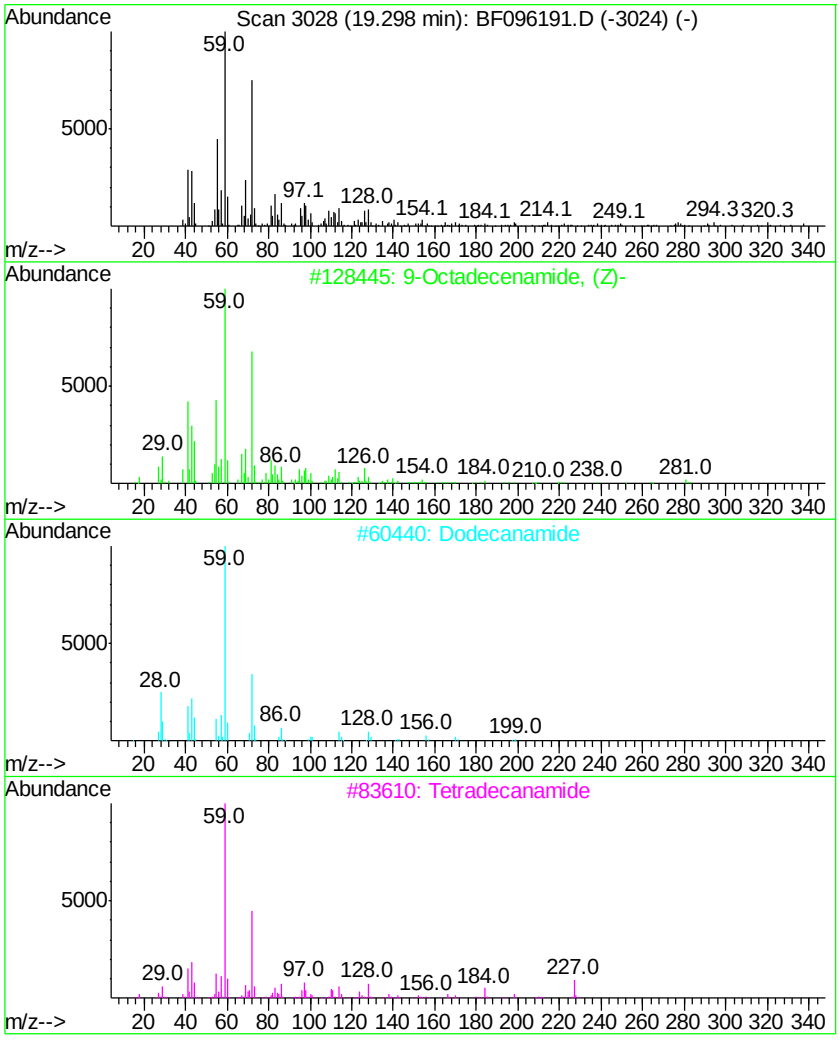
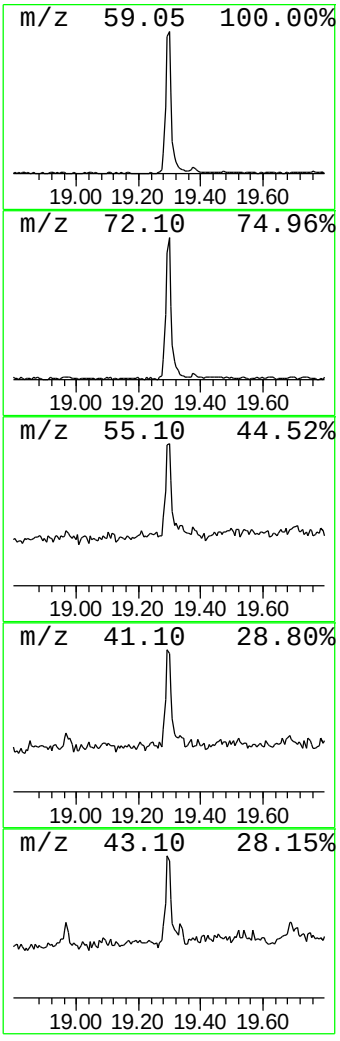
Peak Number 19 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	25.09 ng	342368	Perylene-d12	19.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Dodecanamide	199	C12H25NO	001120-16-7	60
3	Tetradecanamide	227	C14H29NO	000638-58-4	52
4	Decanamide-	171	C10H21NO	002319-29-1	47
5	Octadecanamide	283	C18H37NO	000124-26-5	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096191.D
Acq On : 24 Jun 2017 15:37
Operator : SJ/MA
Sample : I3851-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-37-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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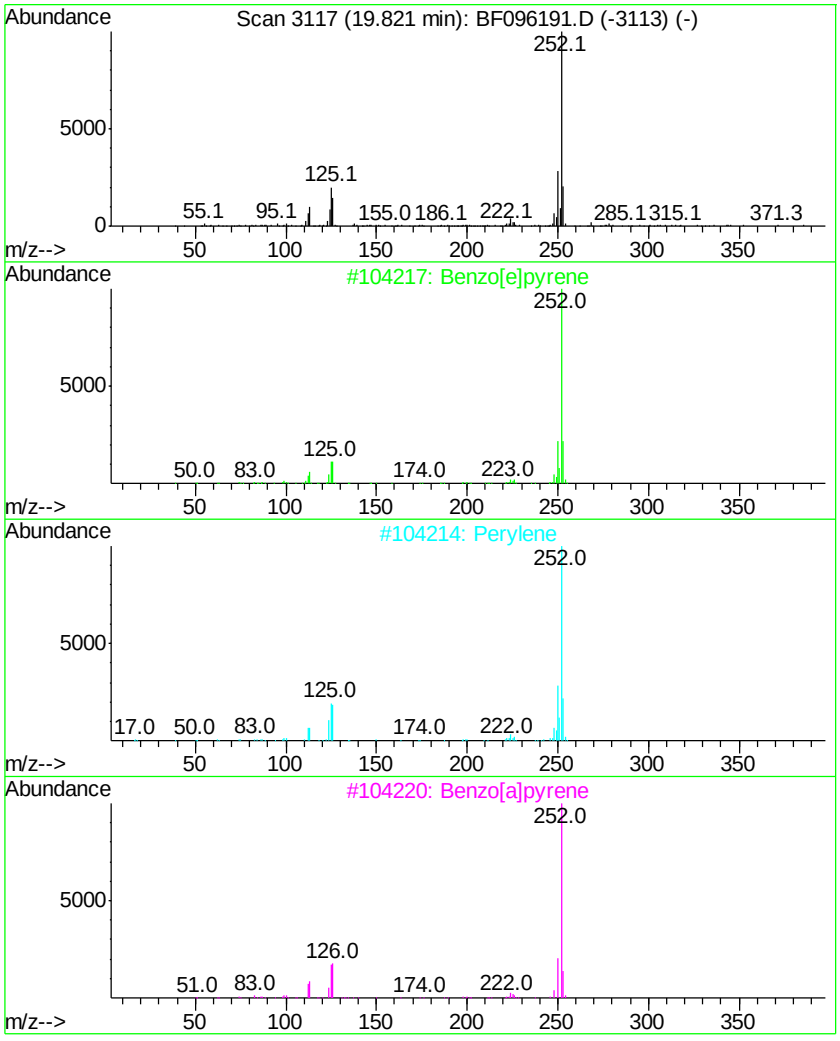
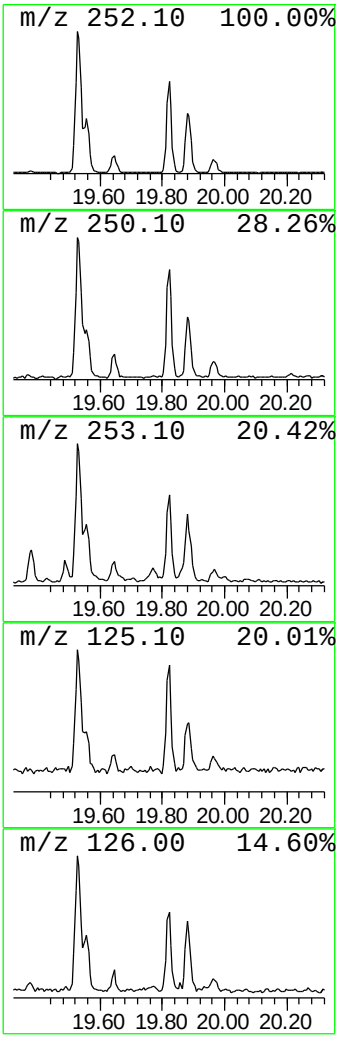
Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	20.63 ng	281452	Perylene-d12	19.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	92
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062417\
Data File : BF096191.D
Acq On : 24 Jun 2017 15:37
Operator : SJ/MA
Sample : I3851-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-37-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
2-Pentanone, 4-hy...	4.42	9.9	ng	185479	1	7.26	375357	20.0
4-Heptanone, 2,6-...	6.66	3.0	ng	55740	1	7.26	375357	20.0
unknown6.92	6.92	84.7	ng	1589740	1	7.26	375357	20.0
Dodecane, 2-methy...	12.97	2.8	ng	67365	3	12.12	479910	20.0
Tridecane	13.75	2.7	ng	57492	4	14.51	422509	20.0
9-Eicosene, (E)-	14.43	4.9	ng	102930	4	14.51	422509	20.0
1H-Cyclopropa[l]p...	15.32	3.8	ng	79879	4	14.51	422509	20.0
Anthracene, 2-met...	15.37	4.8	ng	101052	4	14.51	422509	20.0
n-Hexadecanoic acid	15.54	5.0	ng	106107	4	14.51	422509	20.0
Naphthalene, 2-ph...	15.77	3.1	ng	64856	4	14.51	422509	20.0
Ethyladamantane-1...	15.80	2.6	ng	54349	4	14.51	422509	20.0
9,10-Anthracenedione	15.86	3.0	ng	63213	4	14.51	422509	20.0
Phenanthrene, 2,7...	16.04	3.0	ng	64003	4	14.51	422509	20.0
Phenanthrene, 2,5...	16.14	4.6	ng	97419	4	14.51	422509	20.0
unknown16.27	16.27	3.1	ng	66135	4	14.51	422509	20.0
Pyrene, 2-methyl-	17.26	3.5	ng	120150	5	18.26	677741	20.0
9-Octadecenamide,...	19.30	25.1	ng	342368	6	19.93	272881	20.0
Benzo[e]pyrene	19.82	20.6	ng	281452	6	19.93	272881	20.0