LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096025.D
Acq On : 20 Jun 2017 3:35
Operator : SJ/MA
Sample : I3688-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G16-1.5-3

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	1.563	10	13	34	rBV	592985	1134698	55.40%	3.882%
2	1.875	61	66	74	rVB3	13090	27454	1.34%	0.094%
3	4.498	508	512	527	rBV2	51091	154872	7.56%	0.530%
4	5.198	627	631	659	rBV	828965	1723776	84.17%	5.897%
5	5.445	668	673	678	rVB3	23216	36924	1.80%	0.126%
6	6.886	914	918	928	rBV	836619	1486216	72.57%	5.085%
7	6.969	928	932	941	rVV	1210506	2048008	100.00%	7.007%
8	7.033	941	943	953	rVV4	43545	103552	5.06%	0.354%
9	7.110	953	956	963	rVB5	28946	49587	2.42%	0.170%
10	7.304	985	989	999	rBV	277196	375773	18.35%	1.286%
11	7.398	1000	1005	1009	rVB3	26976	36572	1.79%	0.125%
12	7.539	1024	1029	1046	rVB	1040011	1469660	71.76%	5.028%
13	8.228	1142	1146	1162	rVV	708532	1026901	50.14%	3.513%
14	8.351	1162	1167	1173	rVB2	39023	60098	2.93%	0.206%
15	9.339	1327	1335	1338	rVV	382840	512235	25.01%	1.752%
16	9.369	1338	1340	1347	rVV	118498	184871	9.03%	0.632%
17	9.433	1347	1351	1361	rVV2	57365	89858	4.39%	0.307%
18	9.563	1365	1373	1377	rVB3	28113	43737	2.14%	0.150%
19	10.145	1468	1472	1475	rVB	43573	49181	2.40%	0.168%
20	10.427	1512	1520	1524	rVV	64017	82175	4.01%	0.281%
21	10.504	1528	1533	1542	rVB2	115202	164833	8.05%	0.564%
22	10.651	1554	1558	1564	rVB	63574	81941	4.00%	0.280%
23	11.116	1631	1637	1646	rVB	1570049	1968079	96.10%	6.733%
24	11.269	1659	1663	1667	rVV	43096	58849	2.87%	0.201%
25	11.339	1671	1675	1684	rVB	77825	108379	5.29%	0.371%
26	11.416	1684	1688	1693	rBV2	22155	39135	1.91%	0.134%
27	11.521	1702	1706	1713	rBV2	35701	76062	3.71%	0.260%
28	11.633	1722	1725	1729	rVV	59319	89188	4.35%	0.305%
29	11.680	1729	1733	1737	rVB	64755	81694	3.99%	0.279%
30	11.816	1751	1756	1761	rBV	361771	457509	22.34%	1.565%
31	11.857	1761	1763	1767	rVB2	43096	47863	2.34%	0.164%
32	11.933	1772	1776	1784	rVV	72865	127278	6.21%	0.435%
33	12.010	1784	1789	1794	rVB6	15864	26755	1.31%	0.092%
34	12.157	1809	1814	1819	rBV2	356937	498639	24.35%	1.706%

LSC Area Percent Report

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Acq On : 20 Jun 2017 3:35
Operator : SJ/MA
Sample : I3688-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G16-1.5-3

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	12.204	1819	1822	1830	rVV2	132642	181385	8.86%	0.621%
36	12.368	1846	1850	1856	rVB3	17619	33601	1.64%	0.115%
37	12.504	1869	1873	1877	rBV	103951	149578	7.30%	0.512%
38	12.592	1882	1888	1891	rBV2	30751	48733	2.38%	0.167%
39	12.715	1904	1909	1913	rVB3	35687	62274	3.04%	0.213%
40	13.015	1951	1960	1963	rBV	113226	175181	8.55%	0.599%
41	13.051	1963	1966	1976	rVB	100408	139717	6.82%	0.478%
42	13.133	1976	1980	1985	rBV6	23115	29750	1.45%	0.102%
43	13.327	2007	2013	2017	rBV3	39325	77453	3.78%	0.265%
44	13.368	2017	2020	2024	rVB2	34180	54177	2.65%	0.185%
45	13.457	2030	2035	2042	rBV2	621411	879728	42.96%	3.010%
46	13.680	2069	2073	2079	rVB4	37496	56498	2.76%	0.193%
47	13.786	2085	2091	2105	rBV	136072	329425	16.09%	1.127%
48	14.180	2153	2158	2161	rBV4	35069	64383	3.14%	0.220%
49	14.233	2165	2167	2171	rVV5	26474	38185	1.86%	0.131%
50	14.280	2172	2175	2182	rVV	69877	97908	4.78%	0.335%
51	14.351	2184	2187	2189	rVV2	24913	29808	1.46%	0.102%
52	14.380	2189	2192	2197	rVB	45711	65553	3.20%	0.224%
53	14.515	2211	2215	2217	rBV	109875	123500	6.03%	0.423%
54	14.551	2217	2221	2224	rVV	332047	421917	20.60%	1.443%
55	14.586	2224	2227	2234	rVB	507401	626497	30.59%	2.143%
56	14.674	2238	2242	2250	rVB	225826	305146	14.90%	1.044%
57	14.957	2284	2290	2292	rBV6	23019	44068	2.15%	0.151%
58	14.992	2292	2296	2303	rBV2	68348	123815	6.05%	0.424%
59	15.086	2309	2312	2317	rVB	68866	88079	4.30%	0.301%
60	15.198	2327	2331	2335	rBV	98628	131142	6.40%	0.449%
61	15.356	2355	2358	2361	rVB	91568	93342	4.56%	0.319%
62	15.404	2362	2366	2372	rBV	107959	135736	6.63%	0.464%
63	15.474	2376	2378	2381	rVV	38897	41008	2.00%	0.140%
64	15.509	2381	2384	2389	rVV3	104677	165205	8.07%	0.565%
65	15.556	2389	2392	2394	rVV	66461	90038	4.40%	0.308%
66	15.586	2394	2397	2404	rVB	210911	285458	13.94%	0.977%
67	15.715	2416	2419	2421	rBV3	22778	28102	1.37%	0.096%
68	15.809	2431	2435	2444	rVB	165062	229915	11.23%	0.787%
69	15.880	2444	2447	2452	rBV3	49643	73156	3.57%	0.250%
70	16.021	2469	2471	2476	rVB4	32437	47426	2.32%	0.162%
71	16.074	2477	2480	2484	rVV3	45079	56835	2.78%	0.194%

LSC Area Percent Report

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Acq On : 20 Jun 2017 3:35
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Sample : I3688-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G16-1.5-3

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

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Peak separation: 5

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

72	16.174	2493	2497	2500	rBV	102575	134002	6.54%	0.458%
73	16.215	2501	2504	2508	rVV3	58397	80085	3.91%	0.274%
74	16.251	2508	2510	2513	rVB2	33338	31858	1.56%	0.109%
75	16.292	2513	2517	2525	rBV3	185781	285056	13.92%	0.975%
76	16.380	2525	2532	2537	rBV	849893	1097698	53.60%	3.755%
77	16.421	2537	2539	2544	rVB2	46380	54152	2.64%	0.185%
78	16.480	2546	2549	2551	rBV2	32896	41724	2.04%	0.143%
79	16.680	2579	2583	2590	rBV	852302	998022	48.73%	3.414%
80	16.803	2601	2604	2606	rBV2	58441	69825	3.41%	0.239%
81	16.833	2606	2609	2613	rVV	366222	436895	21.33%	1.495%
82	16.874	2613	2616	2620	rVV2	113282	132390	6.46%	0.453%
83	16.939	2621	2627	2633	rVB	1131609	1404015	68.56%	4.803%
84	17.009	2636	2639	2643	rBV2	59594	85856	4.19%	0.294%
85	17.127	2655	2659	2662	rBV2	97786	139145	6.79%	0.476%
86	17.286	2683	2686	2687	rBV	103015	107016	5.23%	0.366%
87	17.339	2693	2695	2700	rVB	54836	58802	2.87%	0.201%
88	17.845	2779	2781	2785	rVB	81929	83948	4.10%	0.287%
89	17.956	2797	2800	2802	rBV2	71859	65937	3.22%	0.226%
90	17.986	2803	2805	2808	rVB2	116320	107488	5.25%	0.368%
91	18.021	2808	2811	2815	rBV	79008	102178	4.99%	0.350%
92	18.133	2827	2830	2834	rVB2	139828	181186	8.85%	0.620%
93	18.197	2836	2841	2845	rBV3	134822	267276	13.05%	0.914%
94	18.280	2850	2855	2858	rBV2	554322	916192	44.74%	3.134%
95	18.315	2858	2861	2866	rVB	562068	669353	32.68%	2.290%
96	18.944	2965	2968	2971	rBV2	110494	121666	5.94%	0.416%
97	19.556	3068	3072	3075	rBV	518779	699964	34.18%	2.395%
98	19.844	3118	3121	3125	rBV	301845	333010	16.26%	1.139%
99	19.903	3129	3131	3135	rVV	140984	159955	7.81%	0.547%
100	19.962	3138	3141	3144	rVB	202009	219050	10.70%	0.749%

Sum of corrected areas: 29229818

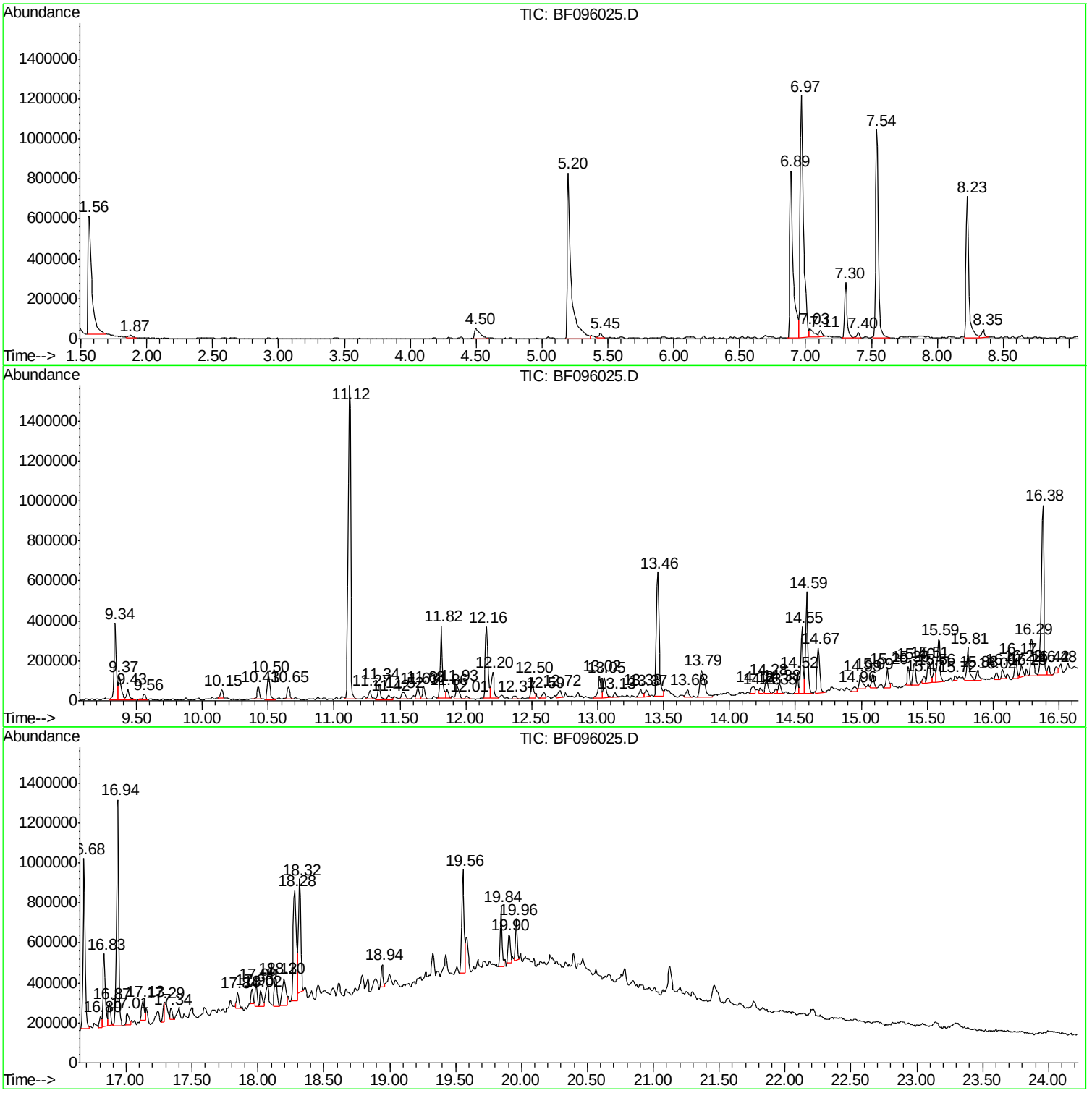
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096025.D
Acq On : 20 Jun 2017 3:35
Operator : SJ/MA
Sample : I3688-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G16-1.5-3

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\BF061917\
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Acq On : 20 Jun 2017 3:35
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Instrument : BNA_F
ClientSampleId : G16-1.5-3

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

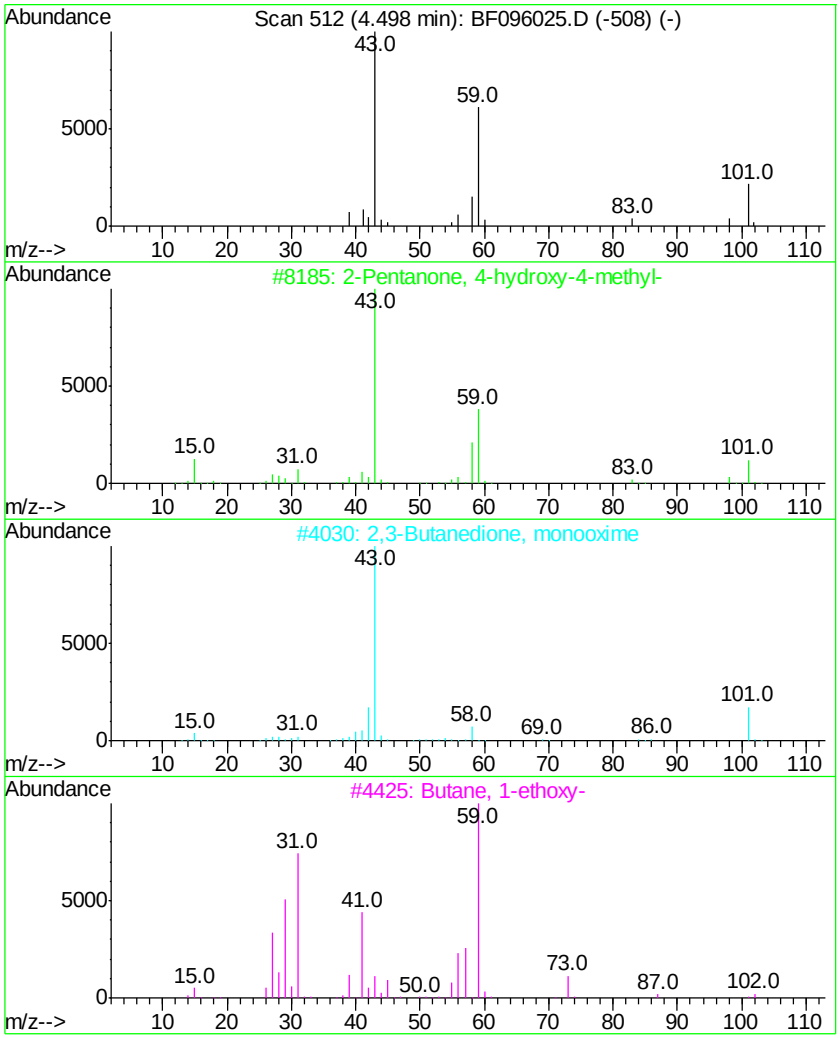
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

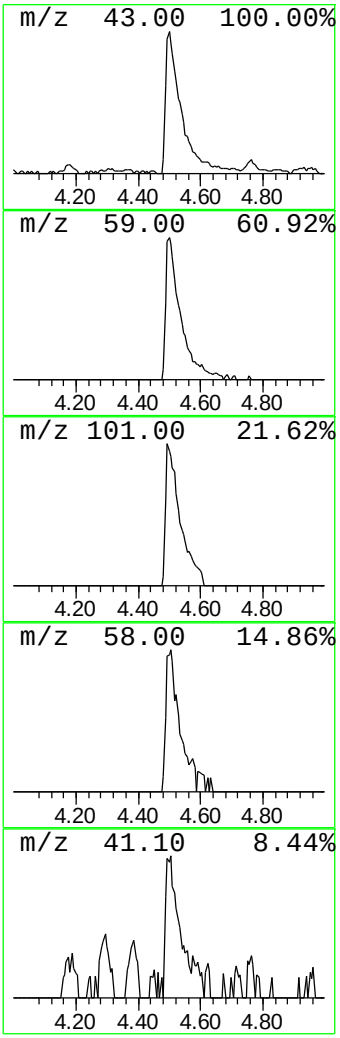
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.50	8.24 ng	154872	1,4-Dichlorobenzene-d4	7.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096025.D
Acq On : 20 Jun 2017 3:35
Operator : SJ/MA
Sample : I3688-08
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Instrument : BNA_F
ClientSampleId : G16-1.5-3

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

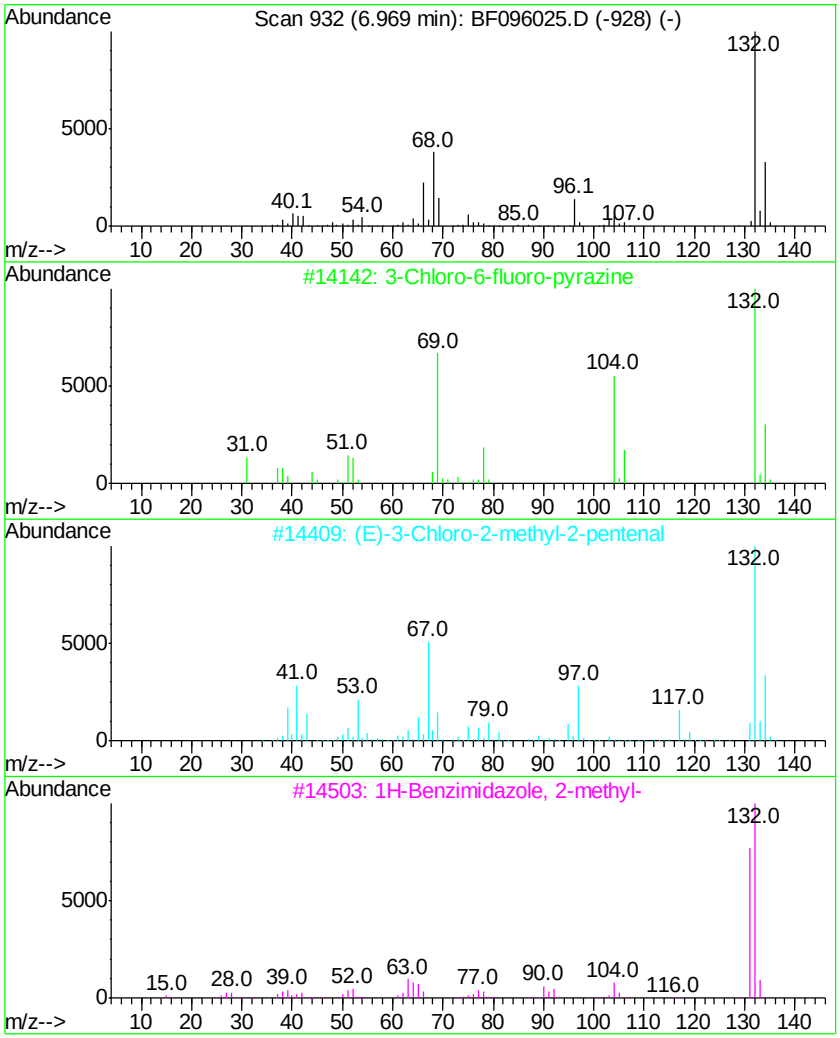
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

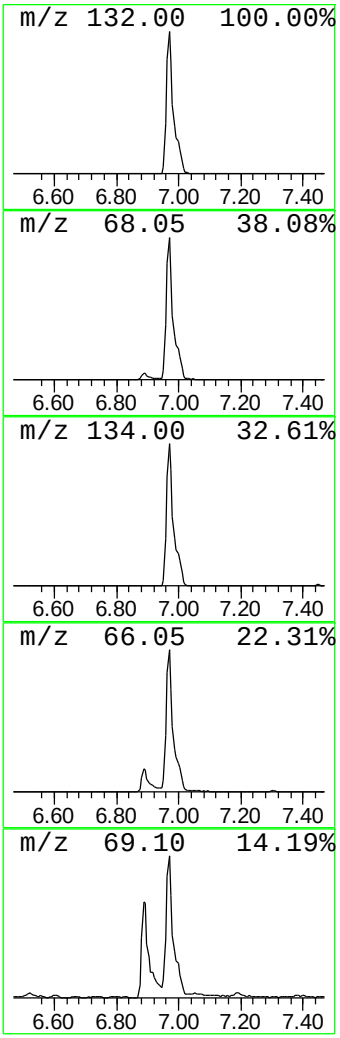
****

Peak Number 3 unknown6.97 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	109.00 ng	2048010	1,4-Dichlorobenzene-d4	7.30

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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096025.D
Acq On : 20 Jun 2017 3:35
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Instrument : BNA_F
ClientSampleId : G16-1.5-3

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

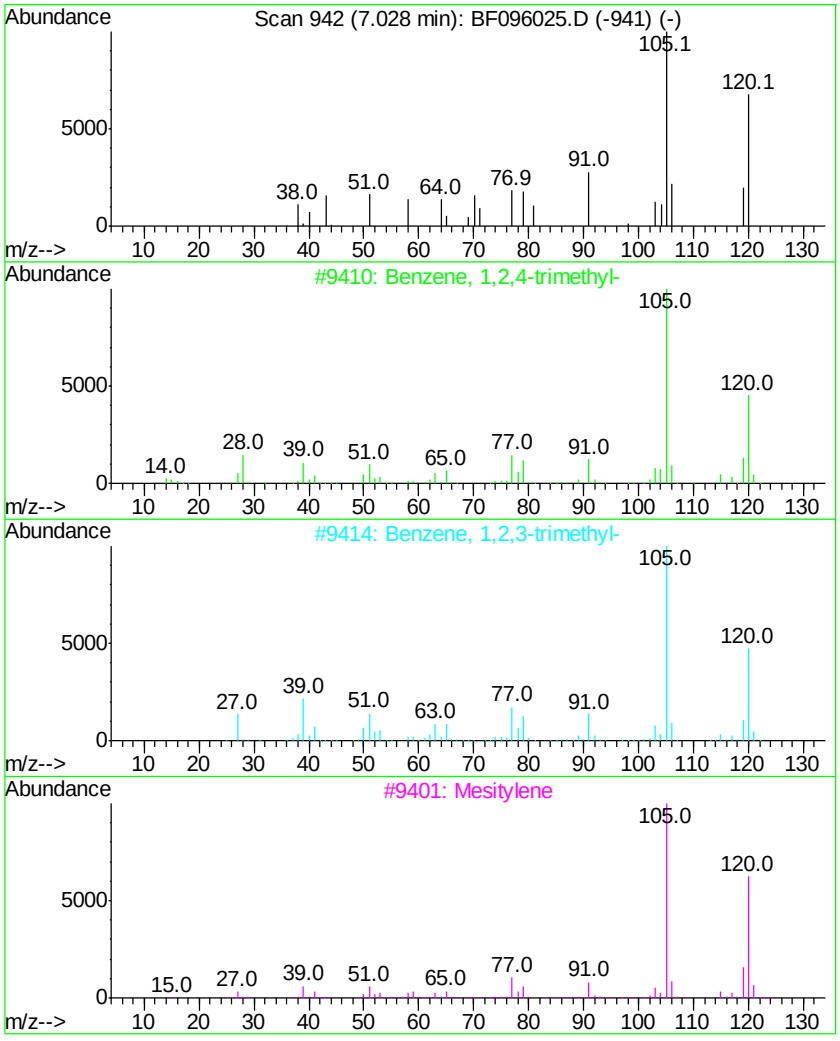
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

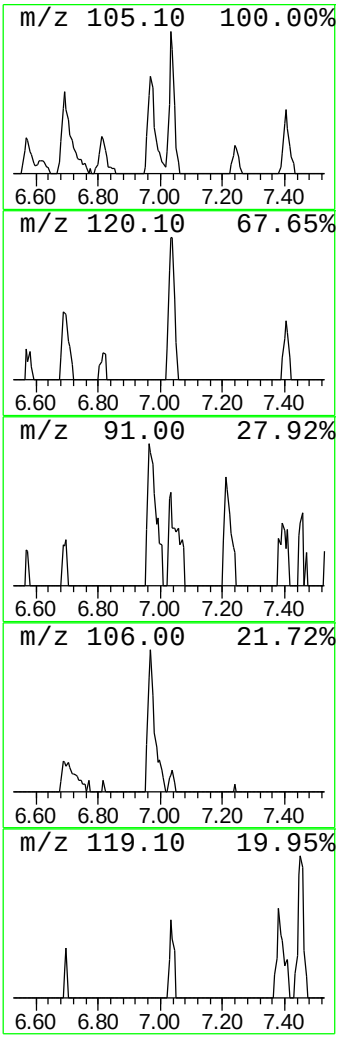
****

Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	5.51 ng	103552	1,4-Dichlorobenzene-d4	7.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3	Mesitylene	120	C9H12	000108-67-8	86
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
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Acq On : 20 Jun 2017 3:35
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Sample : I3688-08
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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G16-1.5-3

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

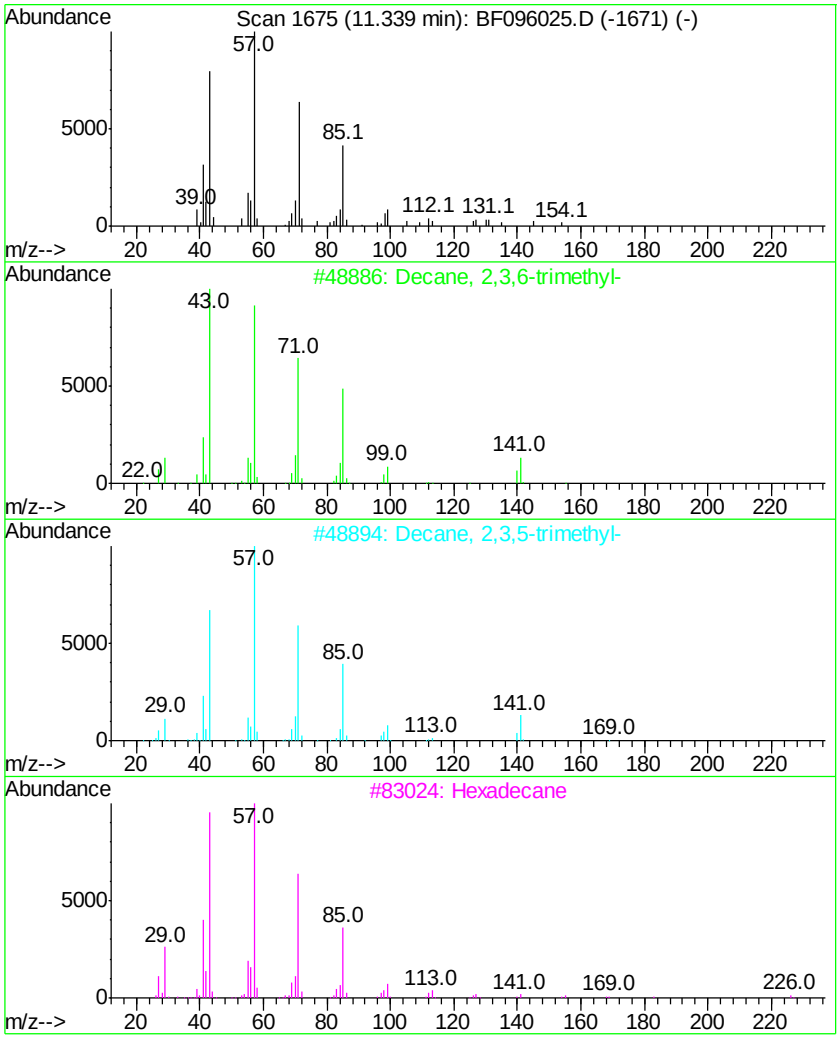
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

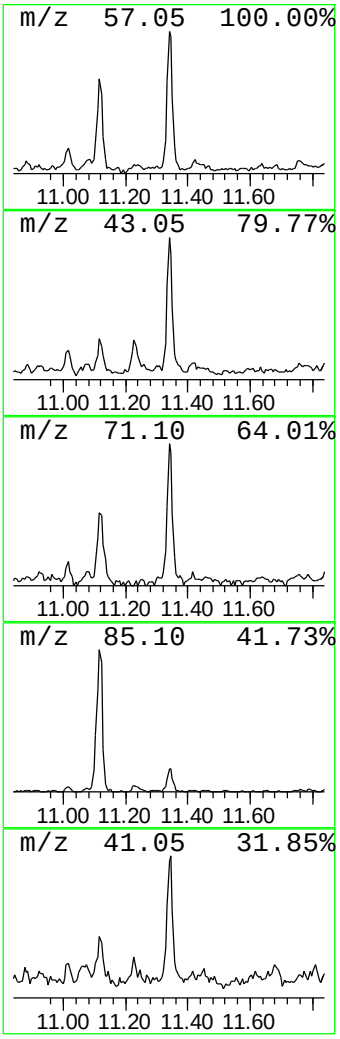
****

Peak Number 6 Decane, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	4.35 ng	108379	Acenaphthene-d10	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	86
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tridecane	184	C13H28	000629-50-5	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096025.D
Acq On : 20 Jun 2017 3:35
Operator : SJ/MA
Sample : I3688-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G16-1.5-3

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

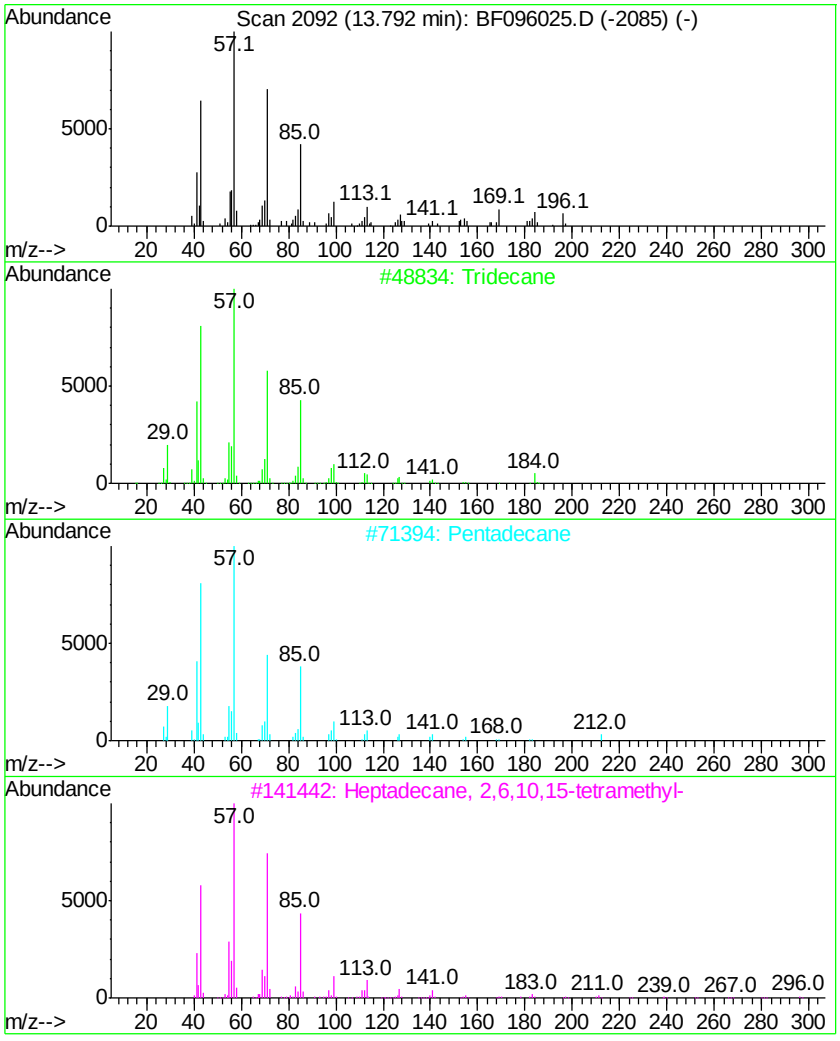
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

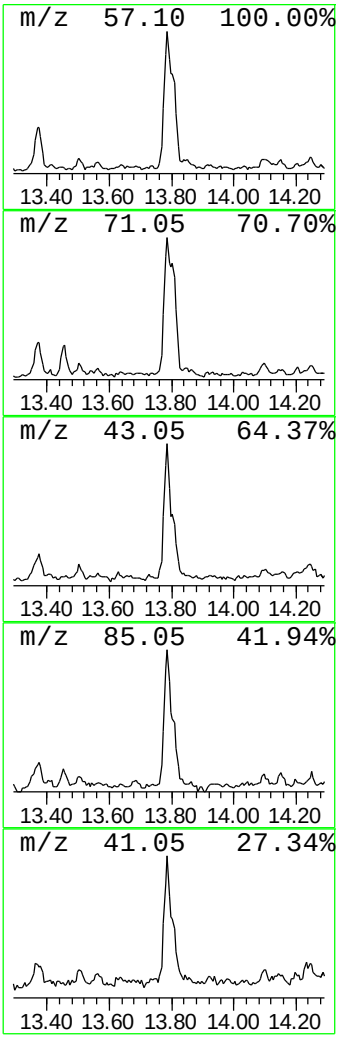
****

Peak Number 7 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	15.62 ng	329425	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Pentadecane	212	C15H32	000629-62-9	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Tetradecane	198	C14H30	000629-59-4	87
5	Eicosane	282	C20H42	000112-95-8	87





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Acq On : 20 Jun 2017 3:35
Operator : SJ/MA
Sample : I3688-08
Misc :
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ClientSampleId : G16-1.5-3

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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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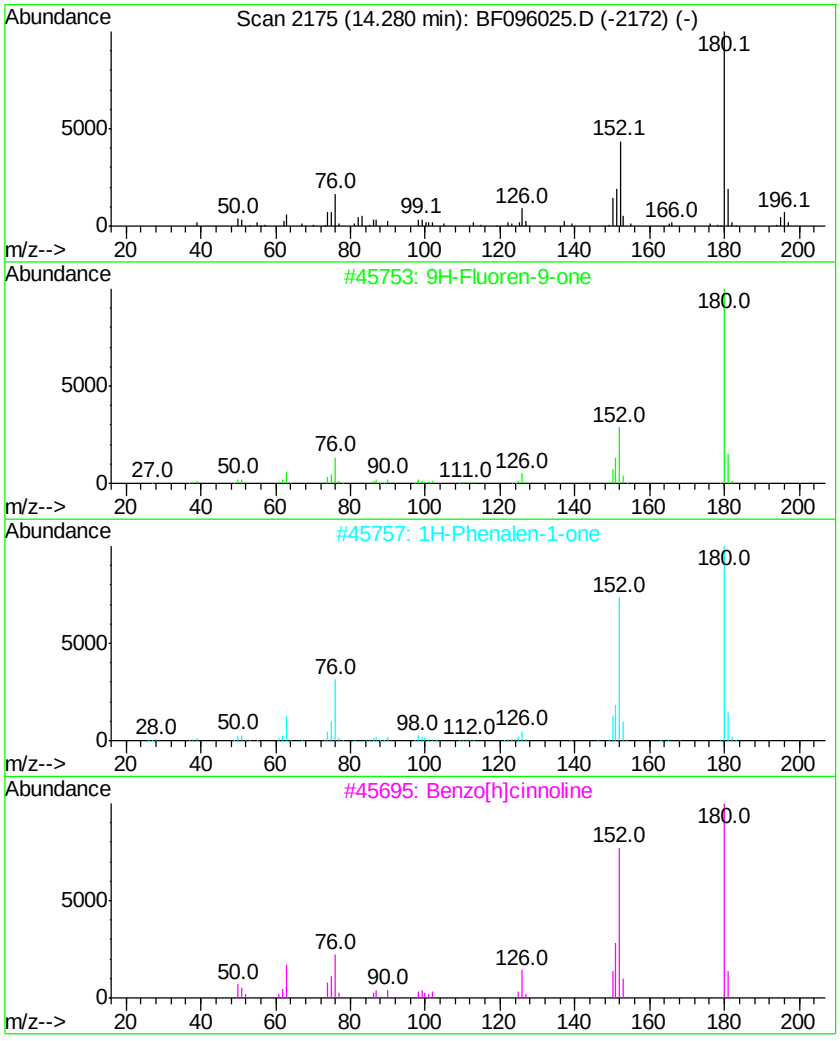
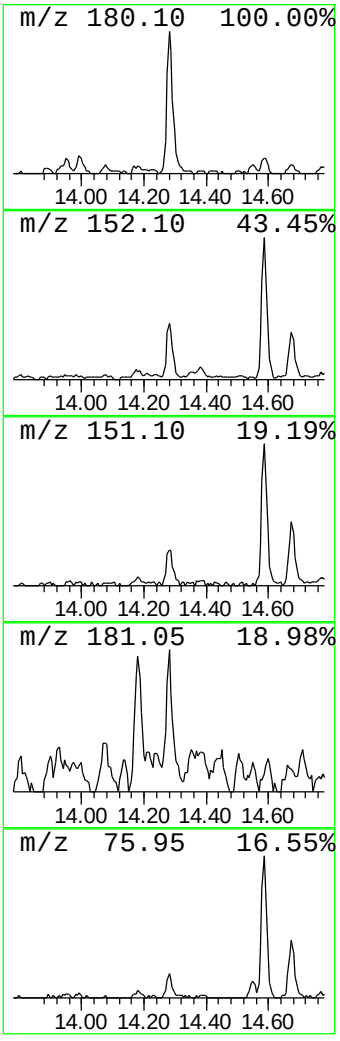
Peak Number 8 9H-Fluoren-9-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	4.64 ng	97908	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	58
4	6H-Purine-6-thione, 9-ethyl-1,9-...	180	C7H8N4S	005427-20-3	53
5	2-(2-Phenylvinyl)pyridine, cis	181	C13H11N	001519-59-1	47





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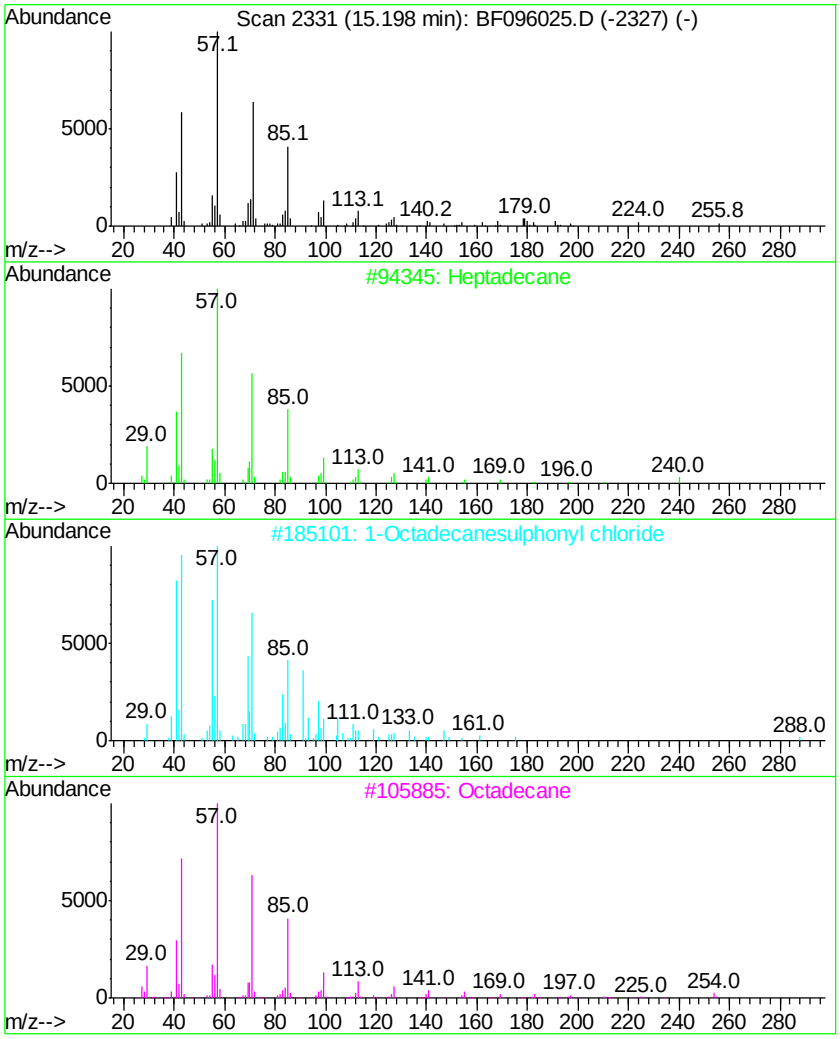
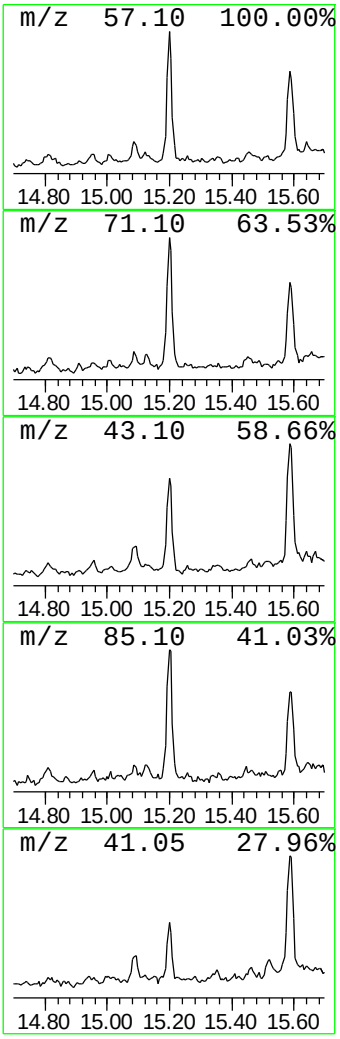
Peak Number 9 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	6.22 ng	131142	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	86
3	Octadecane	254	C18H38	000593-45-3	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetradecane	198	C14H30	000629-59-4	80





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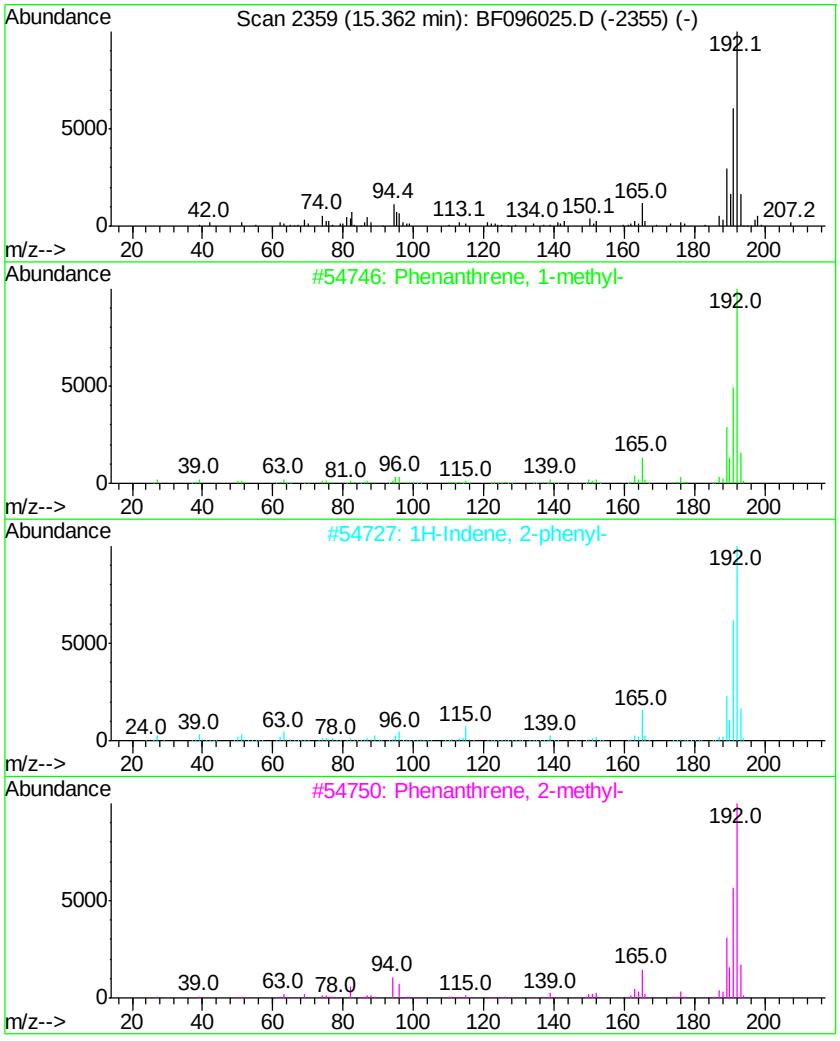
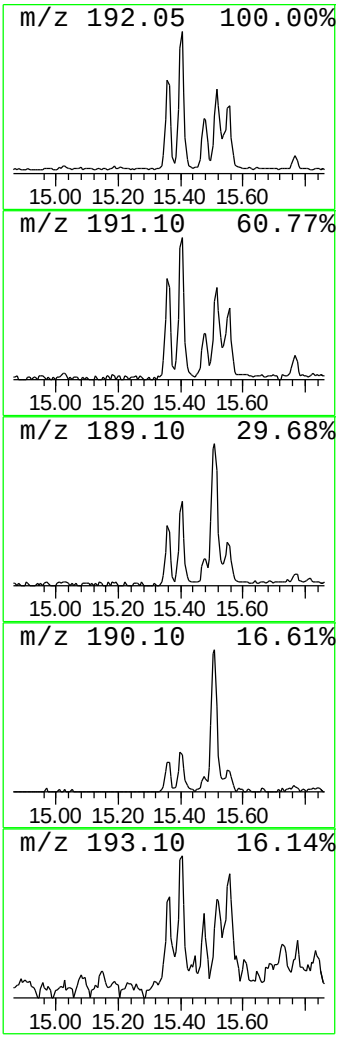
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	4.42 ng	93342	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89





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ClientSampleId : G16-1.5-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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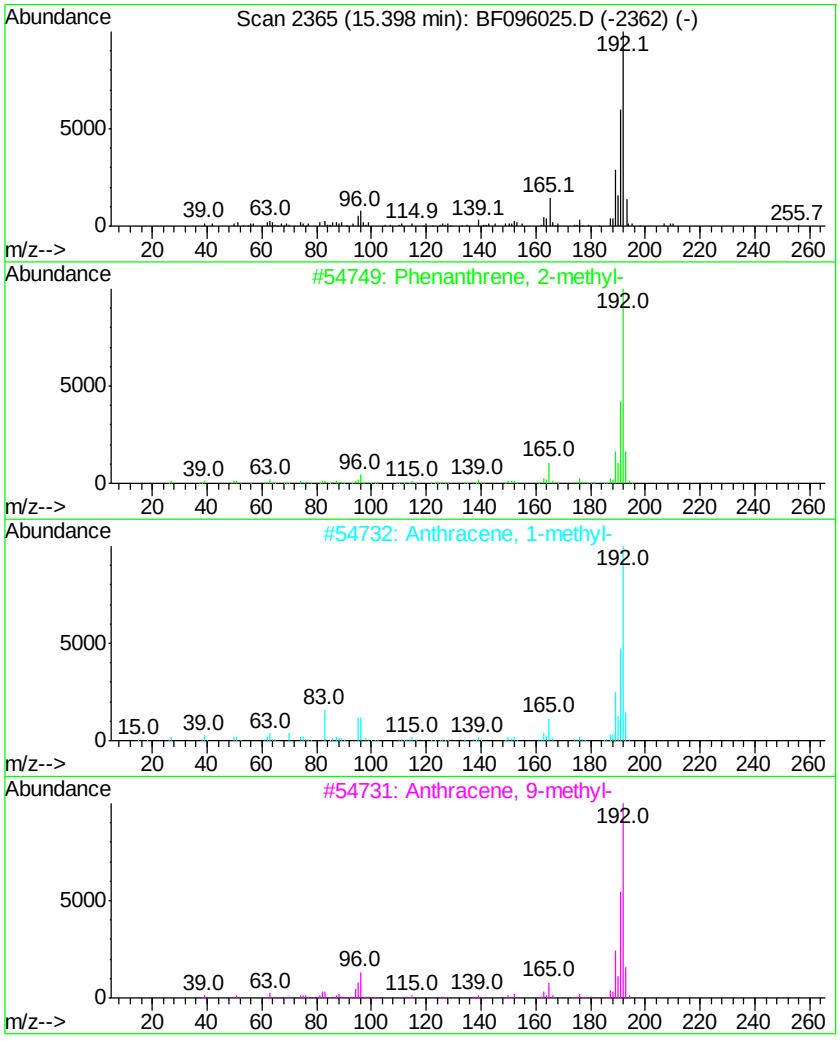
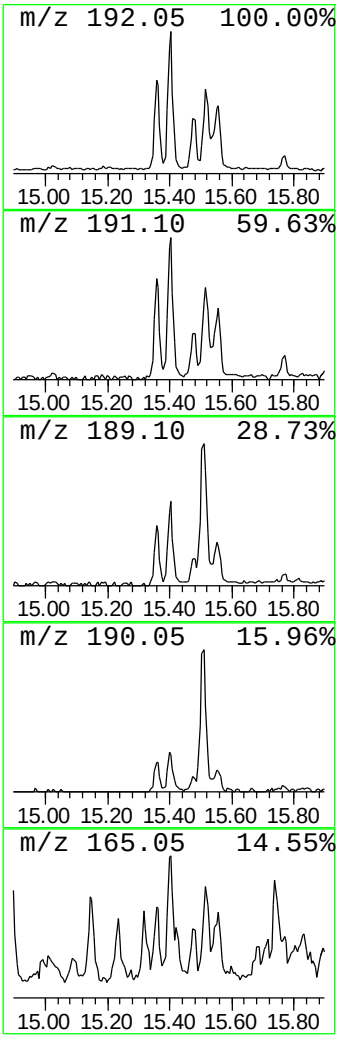
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	6.43 ng	135736	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	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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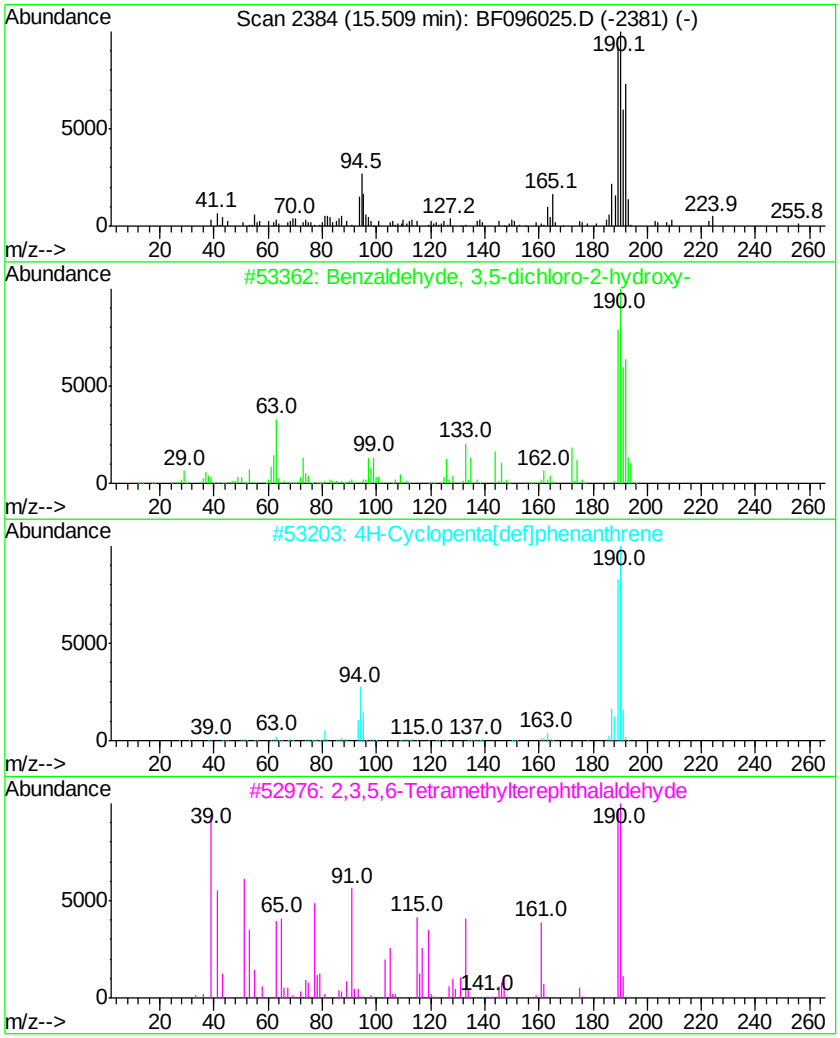
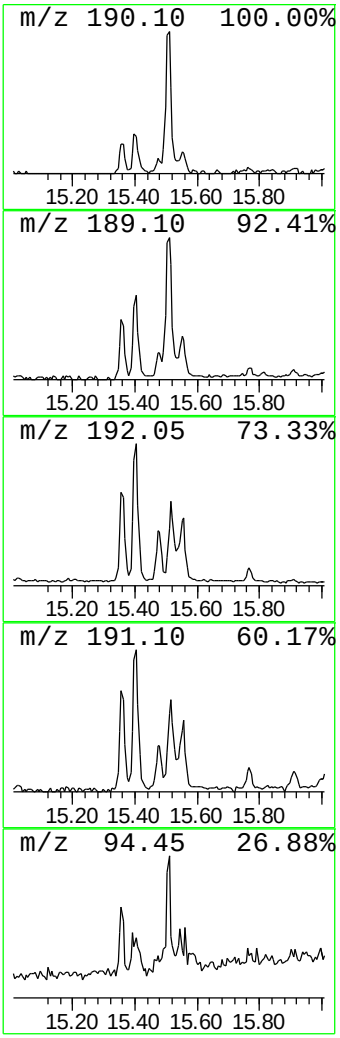
Peak Number 12 Benzaldehyde, 3,5-dichloro-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	7.83 ng	165205	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	41
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30





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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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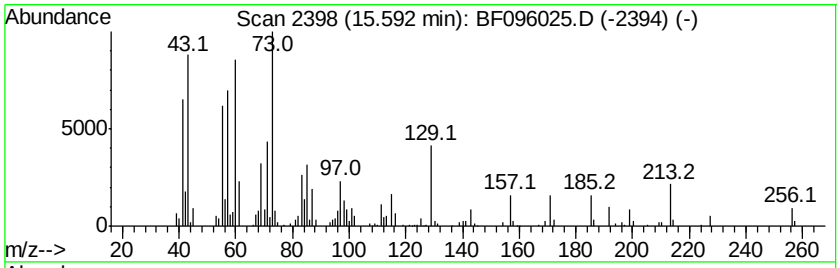
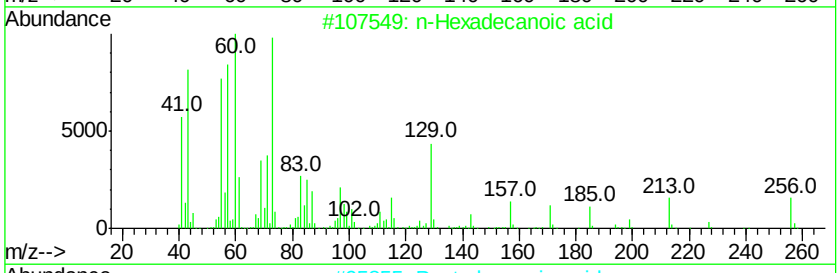
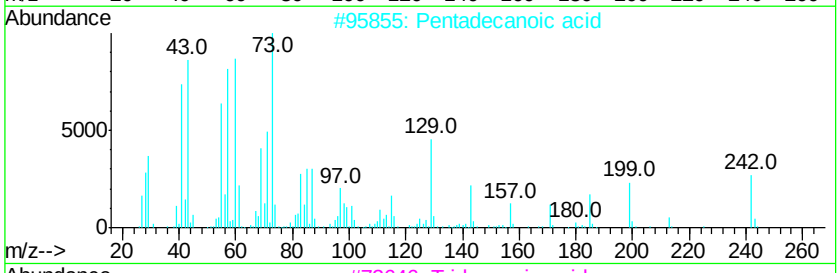
Peak Number 14 n-Hexadecanoic acid Concentration Rank 6

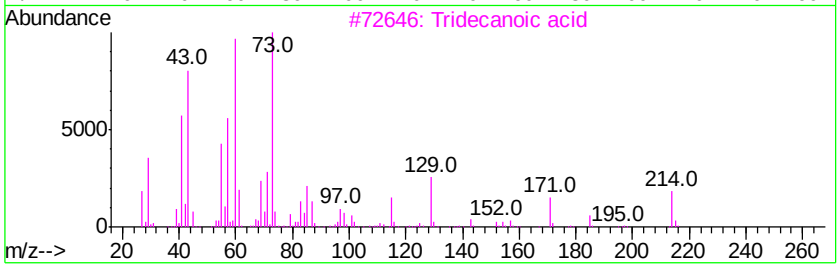
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	13.53 ng	285458	Phenanthrene-d10	14.55

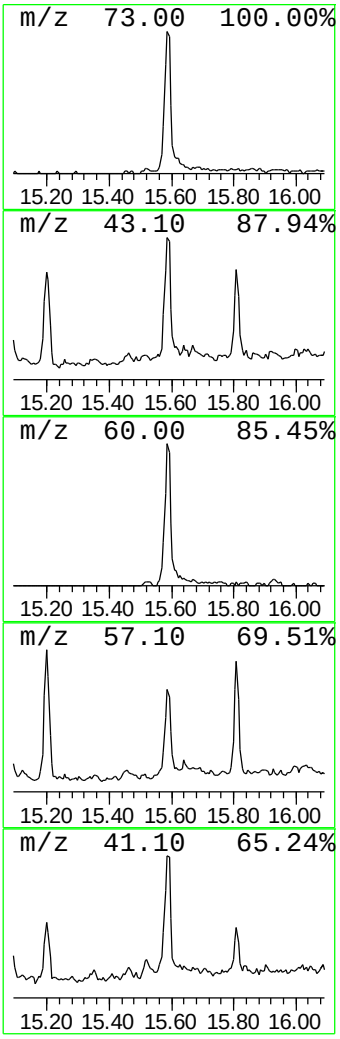
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Dodecanoic acid	200	C12H24O2	000143-07-7	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49











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Operator : SJ/MA
Sample : I3688-08
Misc :
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Instrument : BNA_F
ClientSampleId : G16-1.5-3

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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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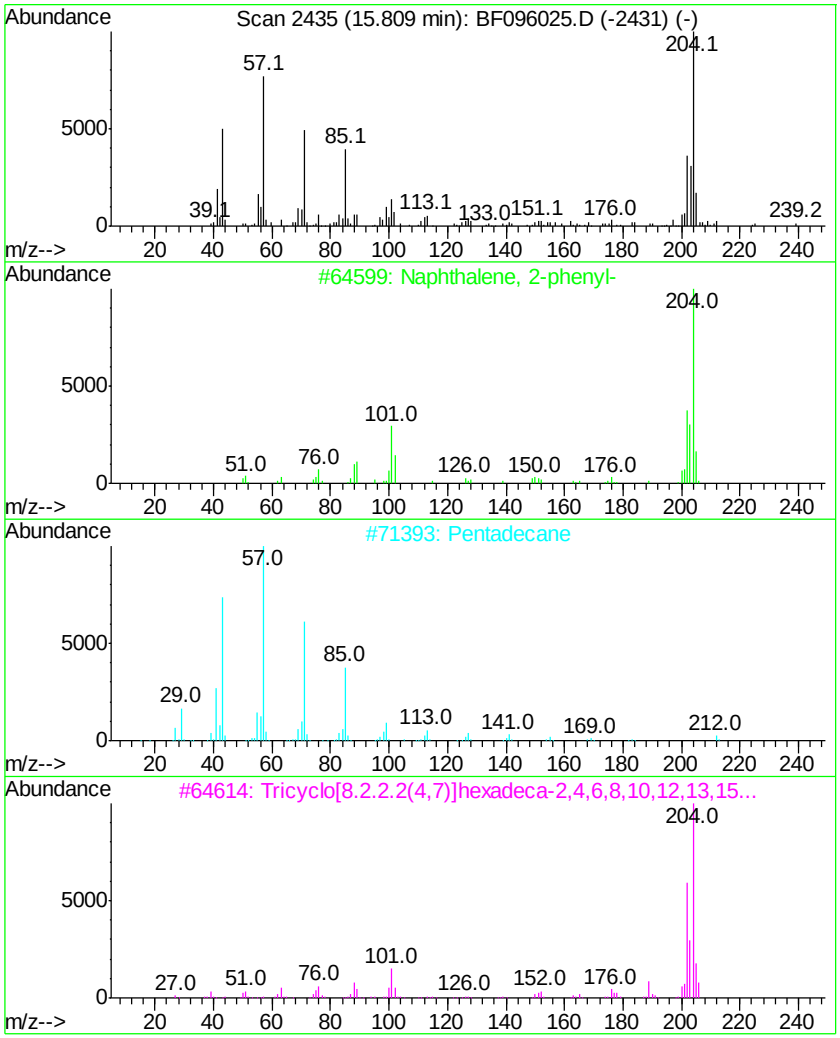
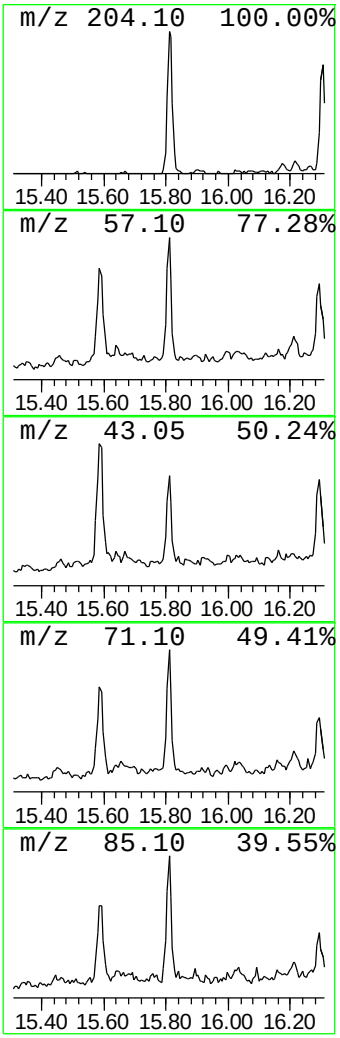
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	10.90 ng	229915	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	84
2	Pentadecane	212	C15H32	000629-62-9	78
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	66
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	56
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	46





Library Search Compound Report

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Sample : I3688-08
Misc :
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ClientSampleId : G16-1.5-3

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TIC Integration Parameters: LSCINT.P

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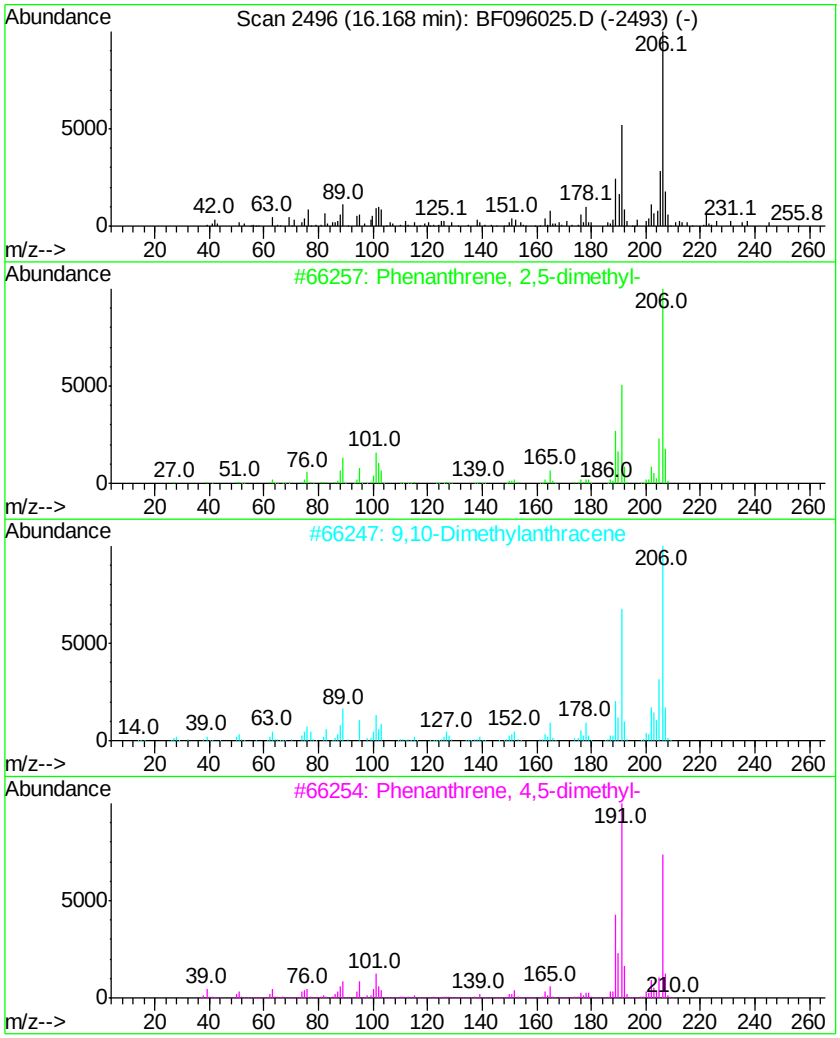
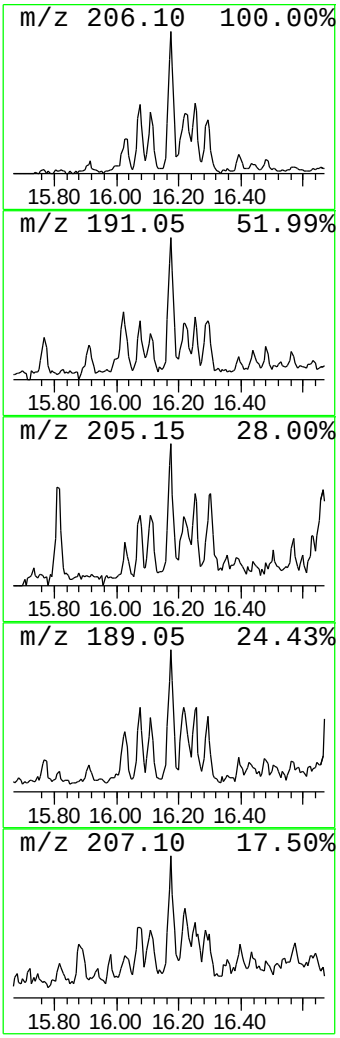
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	6.35 ng	134002	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90





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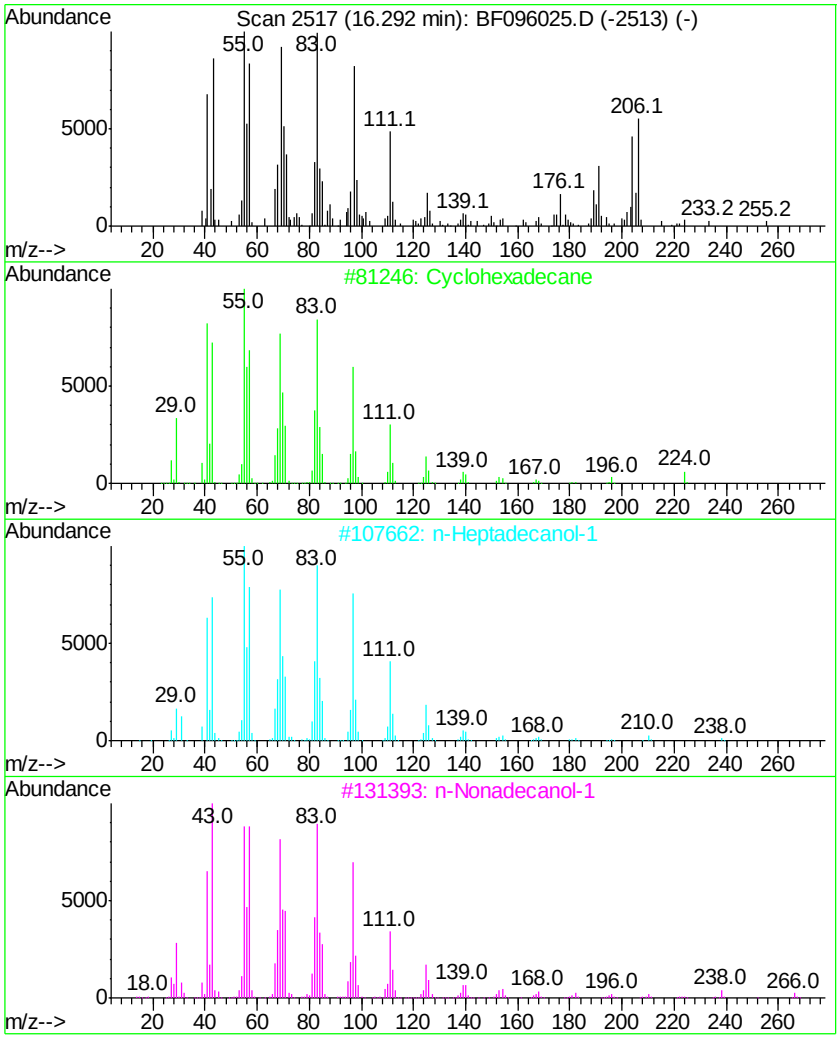
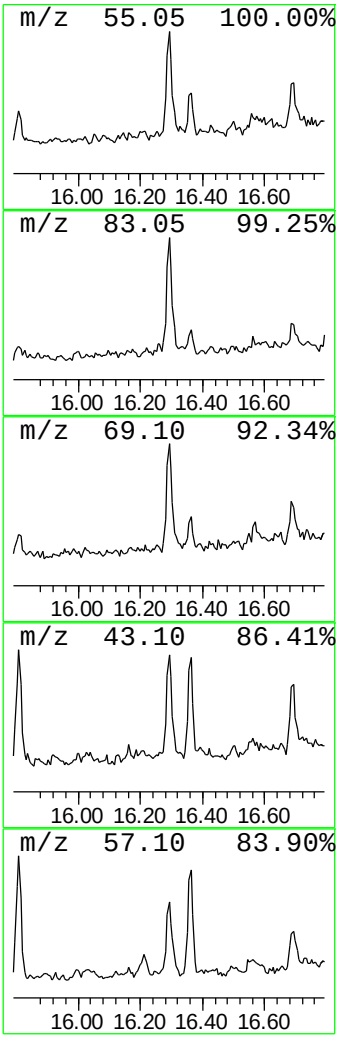
Peak Number 17 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	13.51 ng	285056	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	93
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	Cetene	224	C16H32	000629-73-2	92
5	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	89





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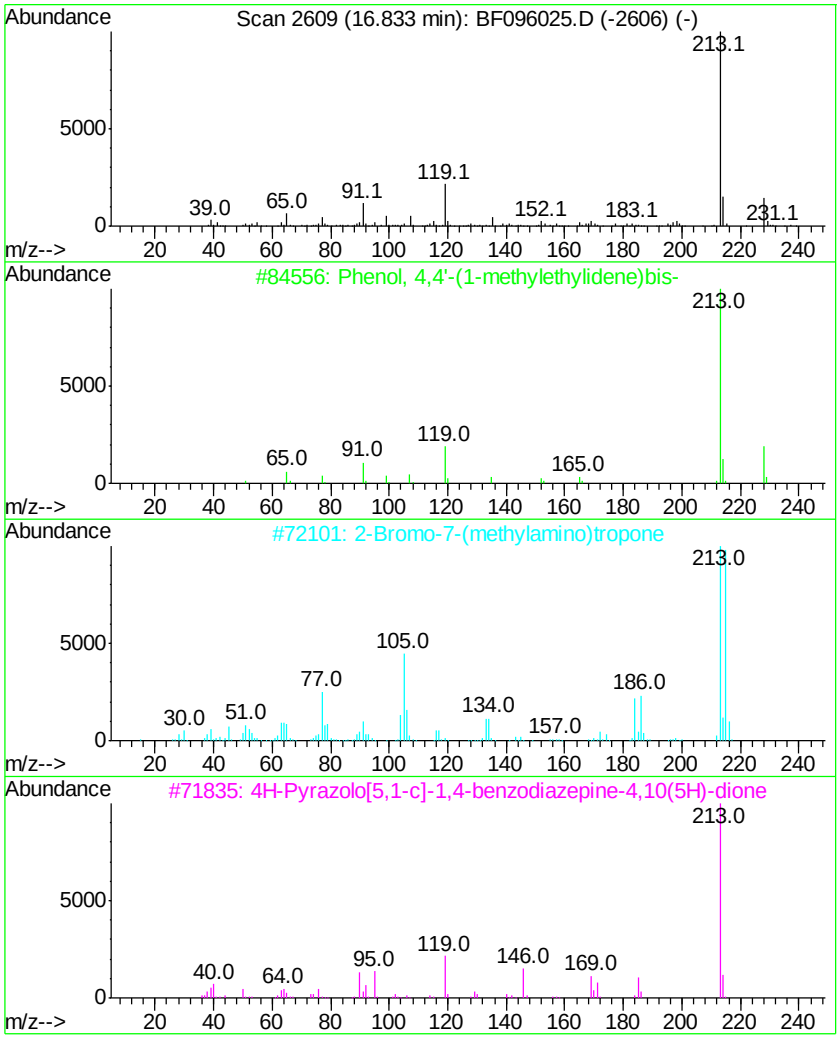
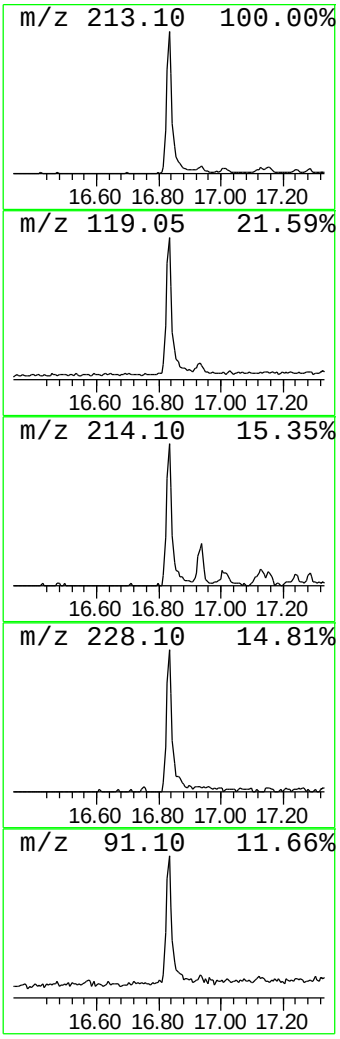
Peak Number 18 Phenol, 4,4'-(1-methylethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	9.54 ng	436895	Chrysene-d12	18.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	94
2	2-Bromo-7-(methylamino)tropone	213	C8H8BrNO	103539-25-9	50
3	4H-Pyrazolo[5,1-c]-1,4-benzodiaz...	213	C11H7N3O2	1000277-20-1	45
4	2-Trimethylsilyl-3-trimethylsily...	228	C8H20N4Si2	1000373-05-5	42
5	6-Methyl-2-(methylthio)-4-pyrimi...	270	C12H22N2OSSi	1000332-17-1	40





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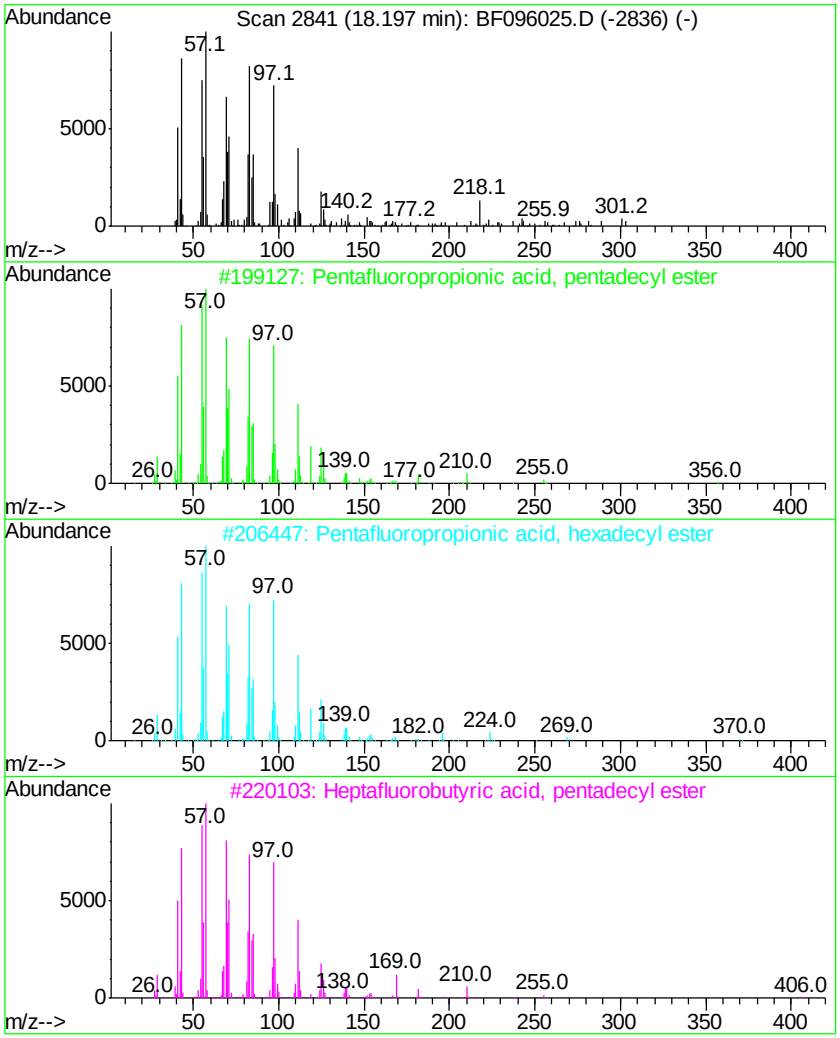
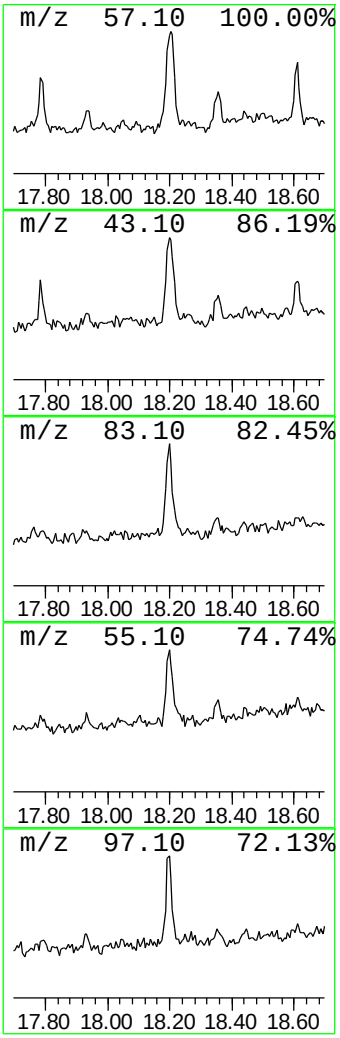
Peak Number 19 Pentafluoropropionic acid, ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	5.83 ng	267276	Chrysene-d12	18.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096025.D
Acq On : 20 Jun 2017 3:35
Operator : SJ/MA
Sample : I3688-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G16-1.5-3

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

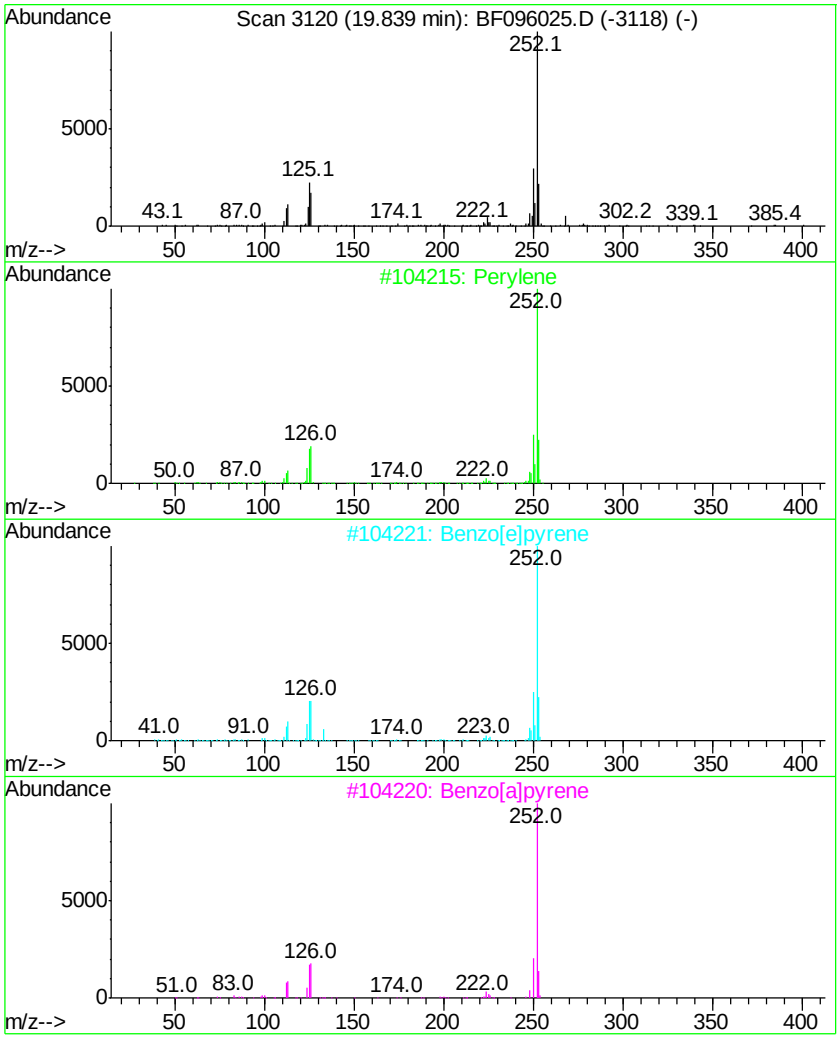
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

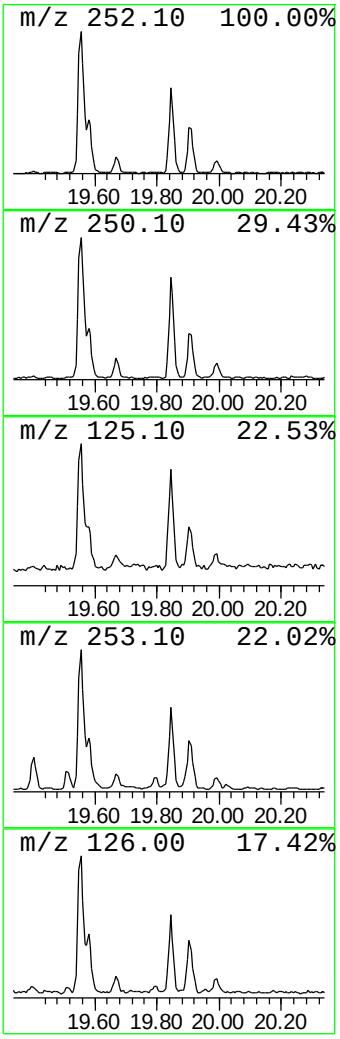
****

Peak Number 20 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	30.40 ng	333010	Perylene-d12	19.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	99
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
Data File : BF096025.D
Acq On : 20 Jun 2017 3:35
Operator : SJ/MA
Sample : I3688-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G16-1.5-3

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...	4.50	8.2	ng	154872	1	7.30	375773	20.0
unknown6.97	6.97	109.0	ng	2048010	1	7.30	375773	20.0
Benzene, 1,2,4-tr...	7.03	5.5	ng	103552	1	7.30	375773	20.0
Decane, 2,3,6-tri...	11.34	4.3	ng	108379	3	12.16	498639	20.0
Tridecane	13.79	15.6	ng	329425	4	14.55	421917	20.0
9H-Fluoren-9-one	14.28	4.6	ng	97908	4	14.55	421917	20.0
Heptadecane	15.20	6.2	ng	131142	4	14.55	421917	20.0
Phenanthrene, 1-m...	15.36	4.4	ng	93342	4	14.55	421917	20.0
Phenanthrene, 2-m...	15.40	6.4	ng	135736	4	14.55	421917	20.0
Benzaldehyde, 3,5...	15.51	7.8	ng	165205	4	14.55	421917	20.0
n-Hexadecanoic acid	15.59	13.5	ng	285458	4	14.55	421917	20.0
Naphthalene, 2-ph...	15.81	10.9	ng	229915	4	14.55	421917	20.0
Phenanthrene, 2,5...	16.17	6.3	ng	134002	4	14.55	421917	20.0
Cyclohexadecane	16.29	13.5	ng	285056	4	14.55	421917	20.0
Phenol, 4,4'-(1-m...	16.83	9.5	ng	436895	5	18.29	916192	20.0
Pentafluoropropio...	18.20	5.8	ng	267276	5	18.29	916192	20.0
Perylene	19.84	30.4	ng	333010	6	19.96	219050	20.0