LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096030.D
Acq On : 20 Jun 2017 6:19
Operator : SJ/MA
Sample : I3688-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G11-0-1.5

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	1.557	10	12	30	rBV	631352	1194487	67.71%	6.270%
2	1.875	63	66	75	rVB4	12232	24460	1.39%	0.128%
3	4.498	508	512	538	rBV2	44806	138655	7.86%	0.728%
4	5.204	628	632	668	rBV	673932	1496125	84.81%	7.854%
5	5.445	669	673	679	rVB2	17940	28875	1.64%	0.152%
6	6.810	902	905	914	rBV2	23390	45869	2.60%	0.241%
7	6.886	914	918	928	rVV	775736	1298931	73.63%	6.818%
8	6.969	928	932	941	rVV	1046088	1764151	100.00%	9.261%
9	7.034	941	943	953	rVV	37141	72758	4.12%	0.382%
10	7.116	953	957	967	rVB2	18074	28037	1.59%	0.147%
11	7.304	985	989	999	rBV	269811	362516	20.55%	1.903%
12	7.398	999	1005	1010	rVB5	16556	25454	1.44%	0.134%
13	7.539	1024	1029	1047	rBV	914858	1257766	71.30%	6.602%
14	8.228	1142	1146	1163	rBV	551581	834625	47.31%	4.381%
15	8.351	1163	1167	1173	rVB2	21416	31679	1.80%	0.166%
16	9.339	1331	1335	1340	rBV	356868	471755	26.74%	2.476%
17	9.439	1348	1352	1357	rVB	22120	28161	1.60%	0.148%
18	9.563	1366	1373	1378	rVB4	11748	20175	1.14%	0.106%
19	10.145	1466	1472	1477	rBV	20721	28698	1.63%	0.151%
20	10.427	1511	1520	1524	rVB	23794	27272	1.55%	0.143%
21	10.504	1529	1533	1542	rVV	52713	75835	4.30%	0.398%
22	10.657	1554	1559	1565	rBV	40498	55510	3.15%	0.291%
23	11.116	1632	1637	1650	rVB	1278985	1654484	93.78%	8.685%
24	11.345	1671	1676	1680	rBV	22127	27987	1.59%	0.147%
25	11.527	1703	1707	1713	rBV4	12827	26735	1.52%	0.140%
26	11.639	1722	1726	1730	rBV	31144	41979	2.38%	0.220%
27	11.680	1730	1733	1738	rVB2	26359	34706	1.97%	0.182%
28	11.816	1751	1756	1762	rBV	122799	177690	10.07%	0.933%
29	11.863	1762	1764	1767	rVB	22984	21189	1.20%	0.111%
30	11.933	1773	1776	1785	rBV	47120	69446	3.94%	0.365%
31	12.157	1809	1814	1819	rBV2	349684	445271	25.24%	2.337%
32	12.204	1819	1822	1826	rVB3	42766	54879	3.11%	0.288%
33	12.510	1870	1874	1883	rBV2	25983	44869	2.54%	0.236%
34	12.716	1904	1909	1913	rVB3	11708	20675	1.17%	0.109%

LSC Area Percent Report

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Acq On : 20 Jun 2017 6:19
Operator : SJ/MA
Sample : I3688-17
Misc :
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Instrument : BNA_F
ClientSampleId : G11-0-1.5

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	12.851	1927	1932	1940	rVB3	11220	21473	1.22%	0.113%
36	13.015	1953	1960	1963	rBV	42150	51931	2.94%	0.273%
37	13.057	1963	1967	1977	rVB4	25993	40591	2.30%	0.213%
38	13.327	2008	2013	2016	rBV3	16137	23144	1.31%	0.121%
39	13.368	2017	2020	2025	rVB3	16100	26284	1.49%	0.138%
40	13.457	2030	2035	2046	rBV	497251	699381	39.64%	3.671%
41	13.786	2087	2091	2092	rBV	44120	48715	2.76%	0.256%
42	13.804	2092	2094	2101	rVB3	48959	65021	3.69%	0.341%
43	14.180	2153	2158	2161	rBV4	10474	18923	1.07%	0.099%
44	14.286	2172	2176	2184	rVB2	18531	27583	1.56%	0.145%
45	14.515	2211	2215	2217	rBV3	26933	30704	1.74%	0.161%
46	14.551	2217	2221	2225	rVV	323683	400474	22.70%	2.102%
47	14.592	2225	2228	2234	rVB	123046	163663	9.28%	0.859%
48	14.680	2239	2243	2250	rVB	65224	88106	4.99%	0.462%
49	14.998	2294	2297	2305	rBV	33056	54710	3.10%	0.287%
50	15.198	2327	2331	2337	rBV	21006	25102	1.42%	0.132%
51	15.362	2356	2359	2362	rBV2	21576	24343	1.38%	0.128%
52	15.409	2362	2367	2371	rBV	33587	42555	2.41%	0.223%
53	15.515	2382	2385	2388	rBV3	24994	31907	1.81%	0.167%
54	15.580	2390	2396	2401	rVV5	69512	121327	6.88%	0.637%
55	15.639	2401	2406	2409	rVB	140614	162514	9.21%	0.853%
56	15.809	2431	2435	2439	rBV2	35342	49550	2.81%	0.260%
57	15.892	2446	2449	2453	rBV3	24377	35827	2.03%	0.188%
58	16.174	2493	2497	2501	rBV	33080	48164	2.73%	0.253%
59	16.215	2501	2504	2508	rVV5	13483	21954	1.24%	0.115%
60	16.298	2513	2518	2524	rBV3	38042	65233	3.70%	0.342%
61	16.380	2525	2532	2536	rBV	265427	336209	19.06%	1.765%
62	16.480	2546	2549	2552	rBV5	15145	24208	1.37%	0.127%
63	16.515	2552	2555	2558	rVV2	23752	26128	1.48%	0.137%
64	16.574	2562	2565	2569	rVV5	13433	18940	1.07%	0.099%
65	16.680	2579	2583	2588	rBV	310754	377552	21.40%	1.982%
66	16.833	2606	2609	2613	rVV	157163	198047	11.23%	1.040%
67	16.868	2613	2615	2621	rVV2	35074	54049	3.06%	0.284%
68	16.933	2621	2626	2633	rVB	1066137	1301506	73.78%	6.832%
69	17.009	2636	2639	2644	rBV3	17290	25310	1.43%	0.133%
70	17.127	2655	2659	2661	rBV3	25382	37875	2.15%	0.199%
71	17.292	2683	2687	2693	rBV3	44410	77240	4.38%	0.405%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : G11-0-1.5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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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	17.339	2693	2695	2699	rVB3	20467	23897	1.35%	0.125%
73	17.398	2703	2705	2710	rVB	21702	27771	1.57%	0.146%
74	17.786	2769	2771	2775	rVB3	21020	22961	1.30%	0.121%
75	17.850	2779	2782	2786	rVB	40275	41927	2.38%	0.220%
76	17.956	2797	2800	2803	rBV2	29850	35622	2.02%	0.187%
77	17.986	2803	2805	2808	rVB3	35663	39691	2.25%	0.208%
78	18.021	2808	2811	2815	rBV	28945	39389	2.23%	0.207%
79	18.133	2827	2830	2836	rVB2	46390	56537	3.20%	0.297%
80	18.192	2837	2840	2846	rBV4	51568	83615	4.74%	0.439%
81	18.280	2850	2855	2859	rBV2	411711	618694	35.07%	3.248%
82	18.315	2859	2861	2866	rVB2	109687	122453	6.94%	0.643%
83	19.321	3029	3032	3036	rVB	107637	115505	6.55%	0.606%
84	19.427	3046	3050	3055	rVB	174214	208865	11.84%	1.096%
85	19.550	3067	3071	3075	rBV	222912	327772	18.58%	1.721%
86	19.844	3118	3121	3125	rVB	134496	137973	7.82%	0.724%
87	19.903	3128	3131	3137	rBV	108545	108601	6.16%	0.570%
88	19.956	3137	3140	3143	rBV	222624	241023	13.66%	1.265%

Sum of corrected areas: 19050243

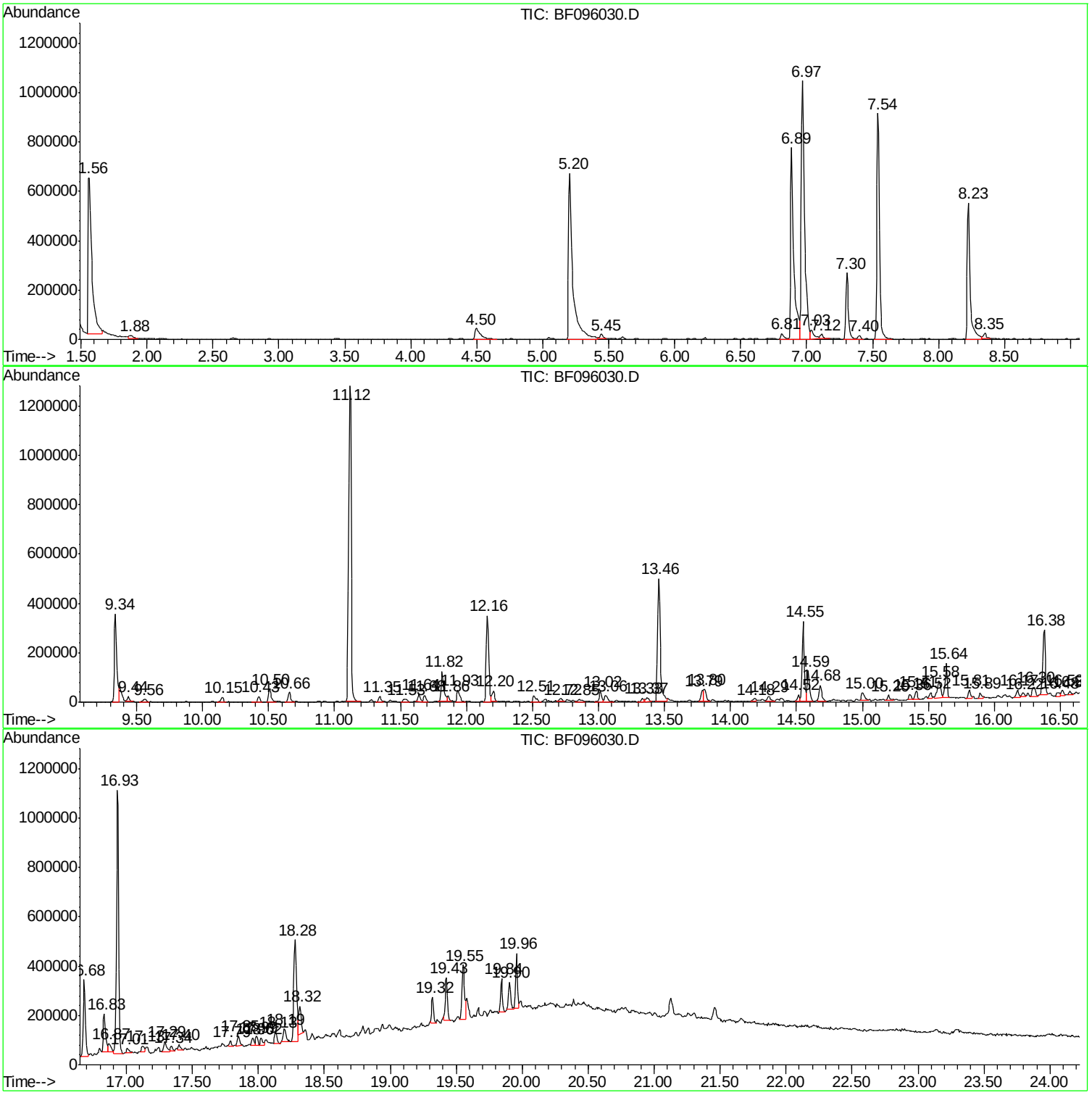
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096030.D
Acq On : 20 Jun 2017 6:19
Operator : SJ/MA
Sample : I3688-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G11-0-1.5

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\
Data File : BF096030.D
Acq On : 20 Jun 2017 6:19
Operator : SJ/MA
Sample : I3688-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G11-0-1.5

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

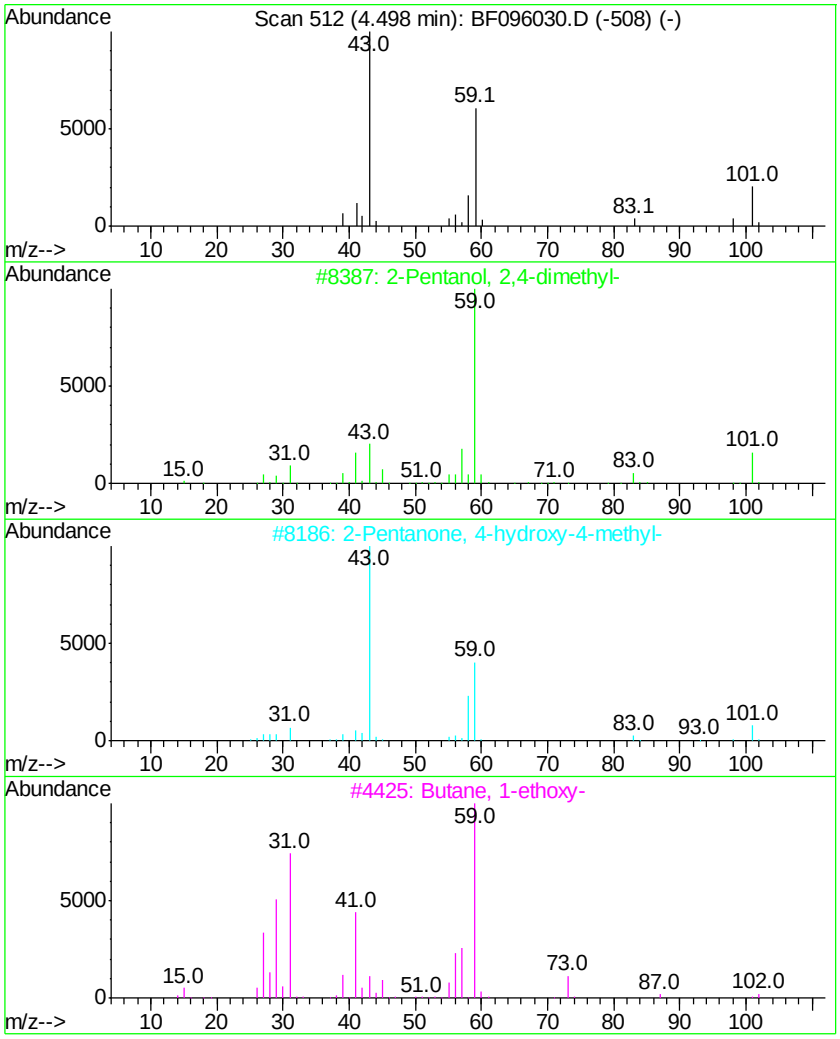
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

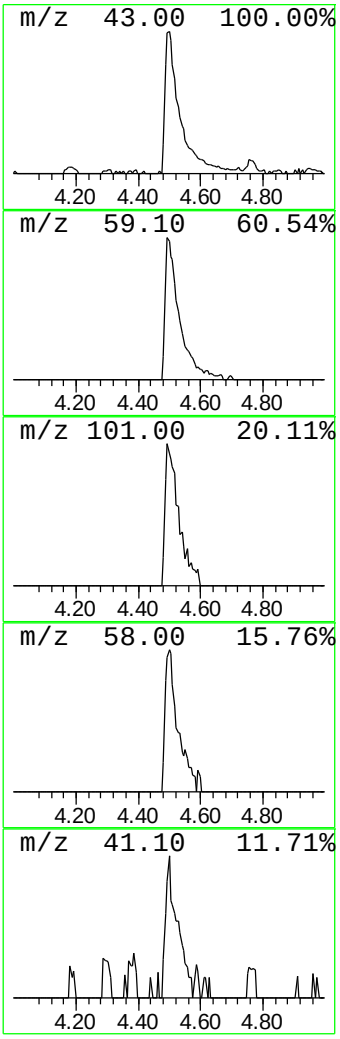
****

Peak Number 2 2-Pentanol, 2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.50	7.65 ng	138655	1,4-Dichlorobenzene-d4	7.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	12
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096030.D
Acq On : 20 Jun 2017 6:19
Operator : SJ/MA
Sample : I3688-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G11-0-1.5

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

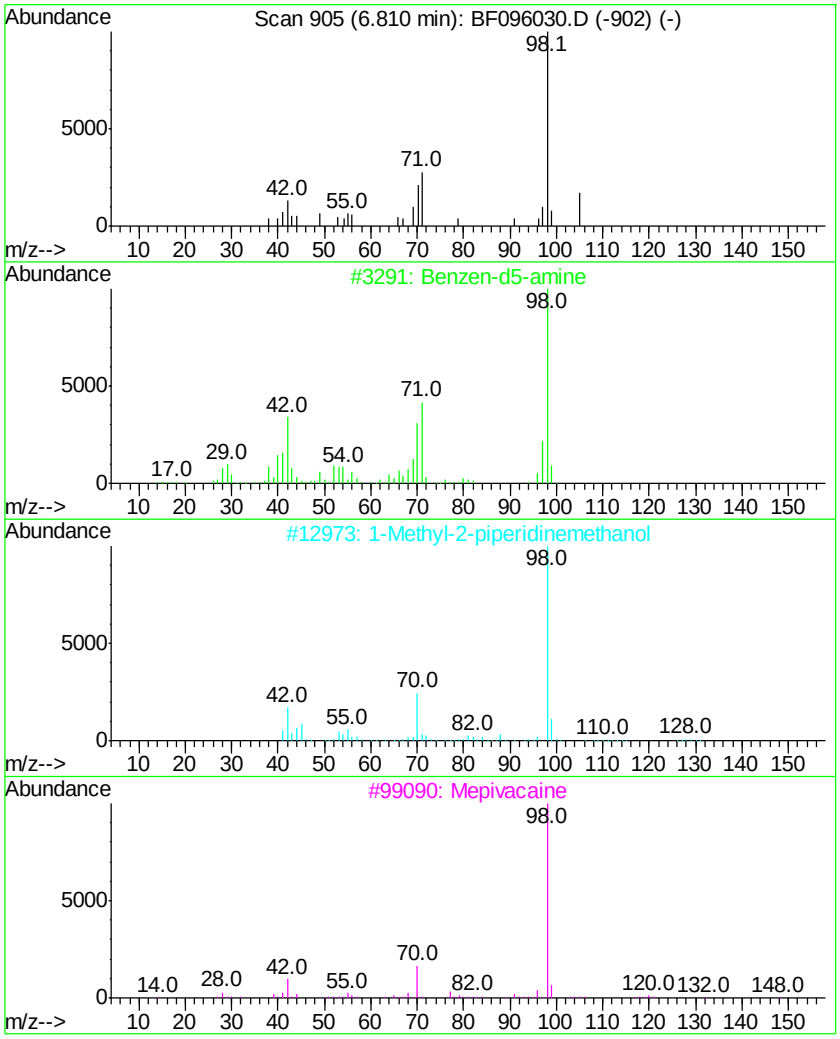
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

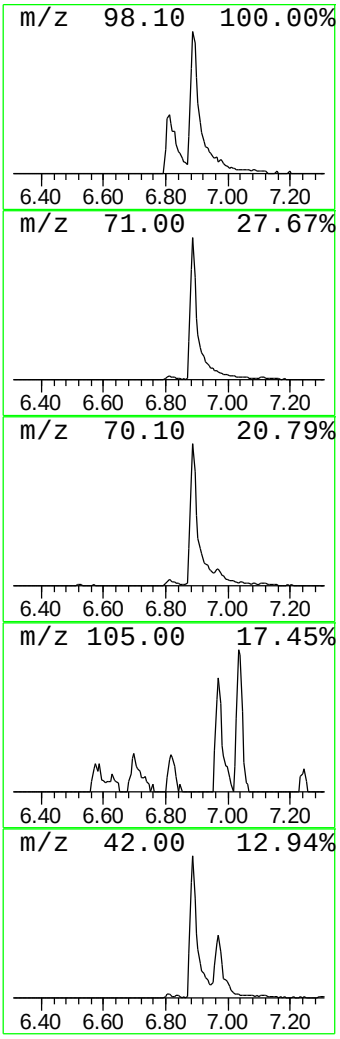
****

Peak Number 3 Benzen-d5-amine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	2.53 ng	45869	1,4-Dichlorobenzene-d4	7.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzen-d5-amine	98	C6H2D5N	004165-61-1	72
2	1-Methyl-2-piperidinemethanol	129	C7H15NO	020845-34-5	50
3	Mepivacaine	246	C15H22N2O	000096-88-8	50
4	3H-Pyrazol-3-one, 2,4-dihydro-5-...	98	C4H6N2O	000108-26-9	50
5	Piperidine, 1,1'-(1,2-ethanediyl...	196	C12H24N2	001932-04-3	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096030.D
Acq On : 20 Jun 2017 6:19
Operator : SJ/MA
Sample : I3688-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G11-0-1.5

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

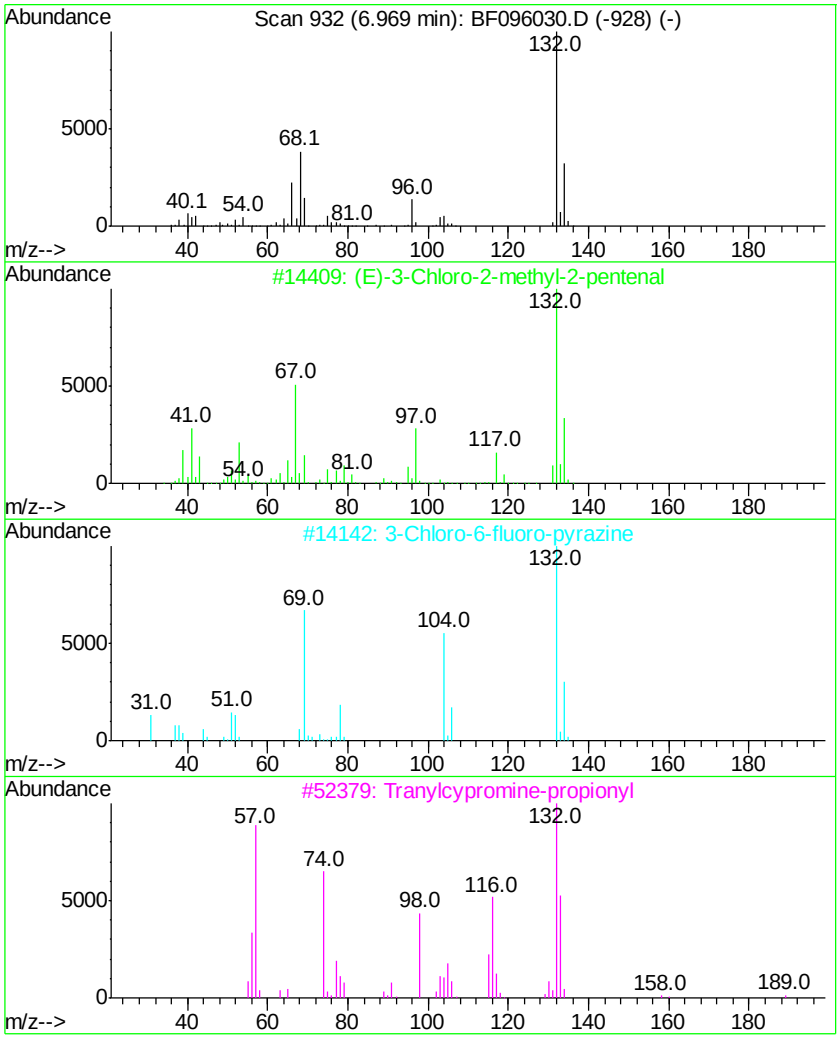
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

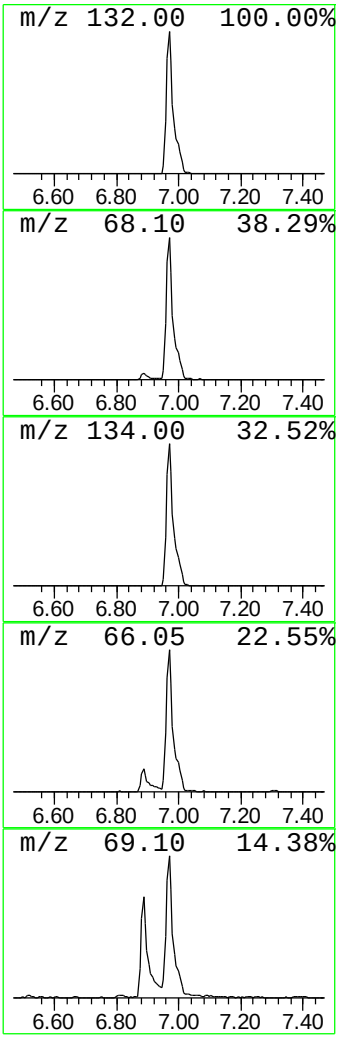
****

Peak Number 4 unknown6.97 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	97.33 ng	1764150	1,4-Dichlorobenzene-d4	7.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Data File : BF096030.D
Acq On : 20 Jun 2017 6:19
Operator : SJ/MA
Sample : I3688-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G11-0-1.5

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

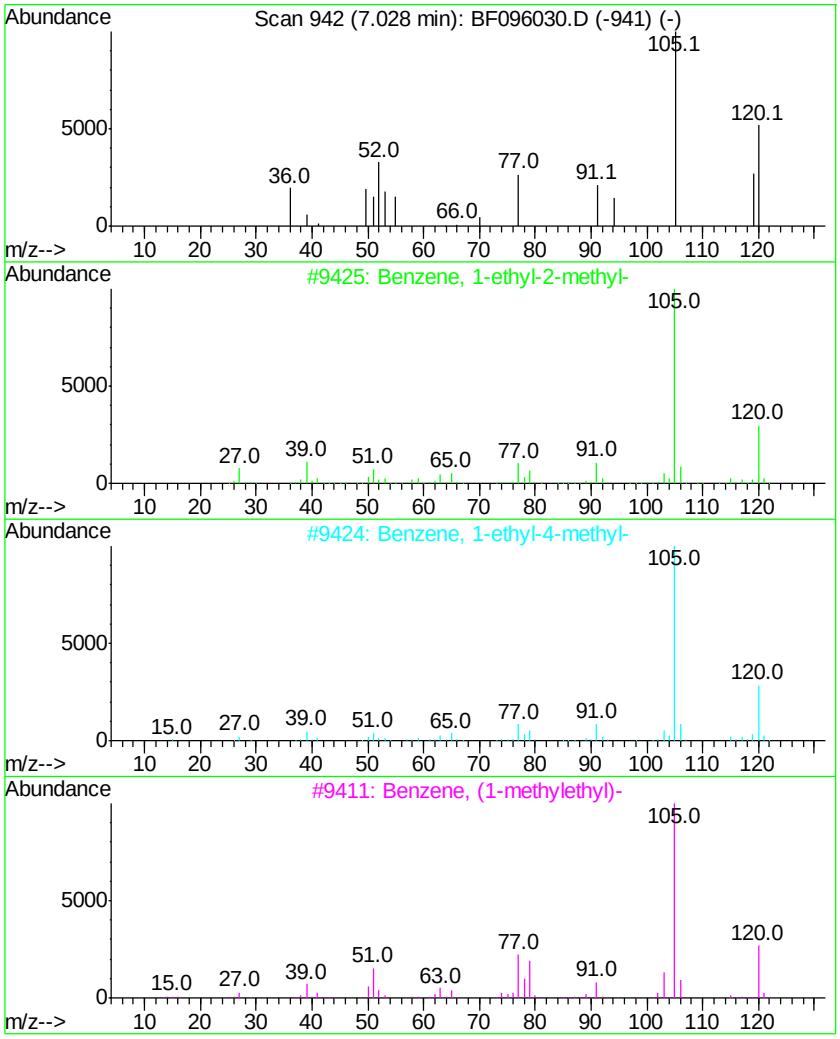
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

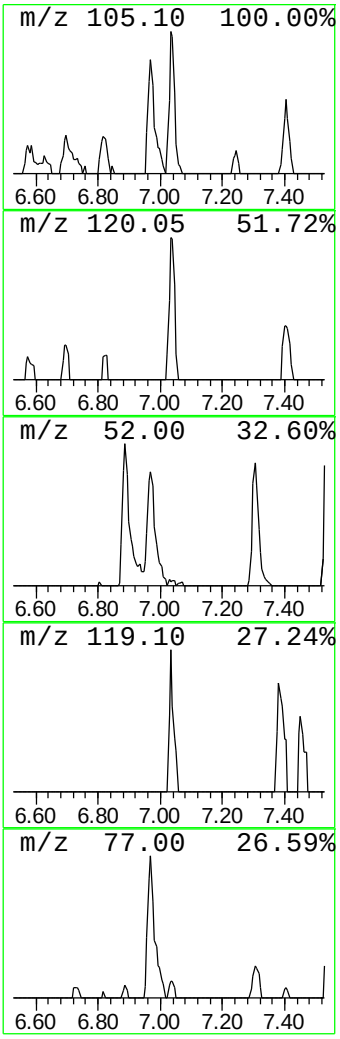
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	4.01 ng	72758	1,4-Dichlorobenzene-d4	7.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	72
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	64
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	53





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Data File : BF096030.D
Acq On : 20 Jun 2017 6:19
Operator : SJ/MA
Sample : I3688-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G11-0-1.5

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

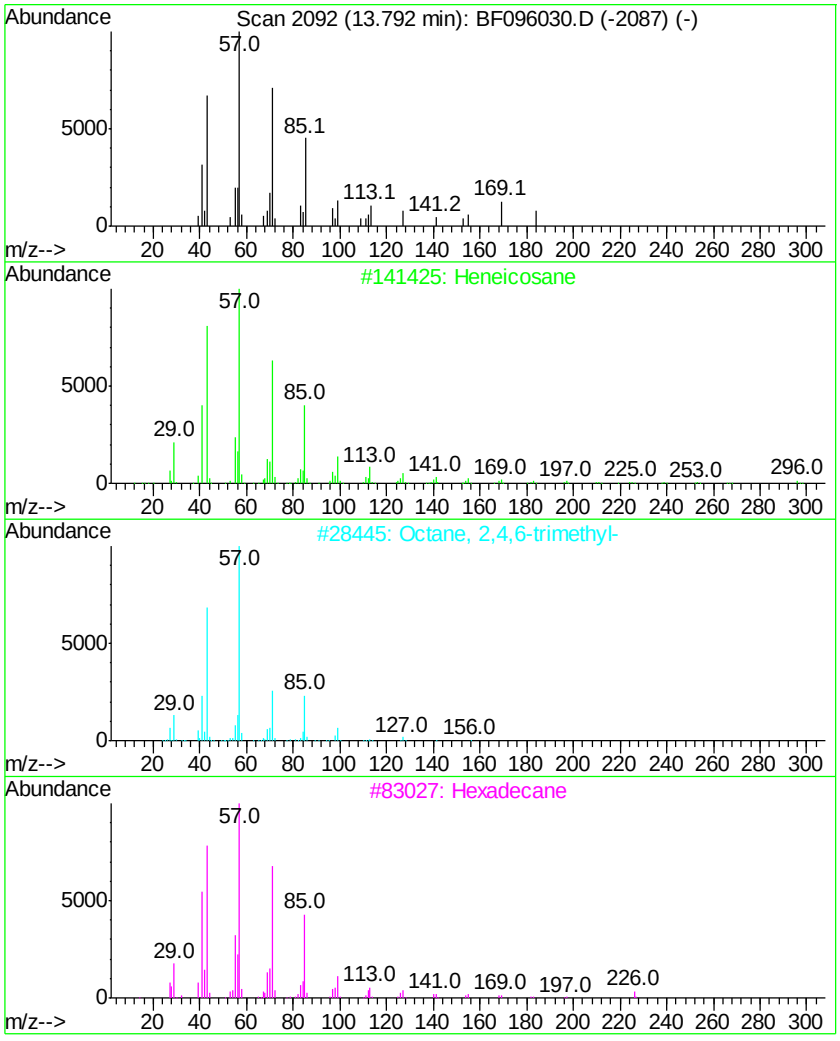
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

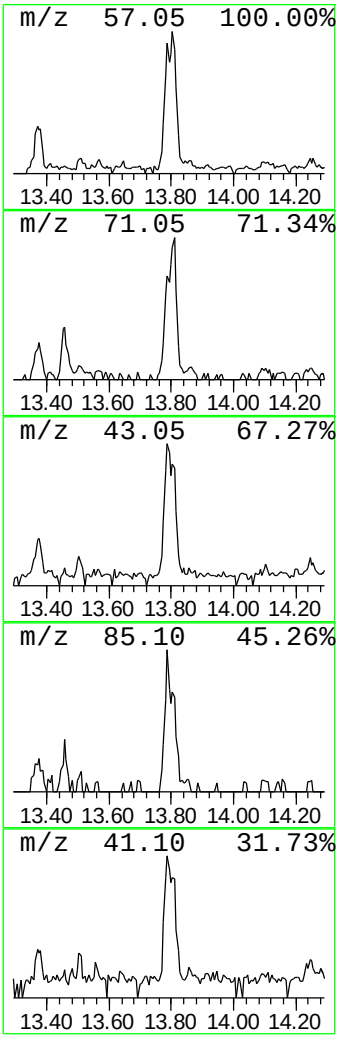
****

Peak Number 7 Heneicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	2.43 ng	48715	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	64
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
3	Hexadecane	226	C16H34	000544-76-3	64
4	Tetracosane	338	C24H50	000646-31-1	64
5	Octacosane	394	C28H58	000630-02-4	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096030.D
Acq On : 20 Jun 2017 6:19
Operator : SJ/MA
Sample : I3688-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G11-0-1.5

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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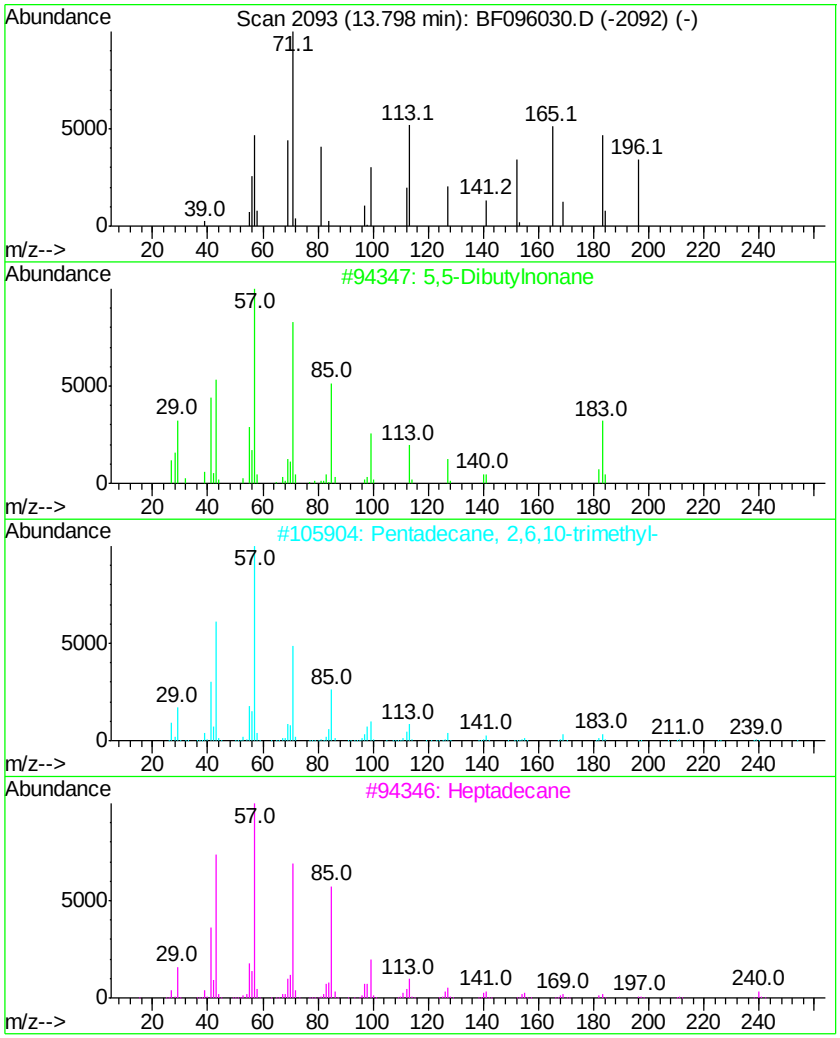
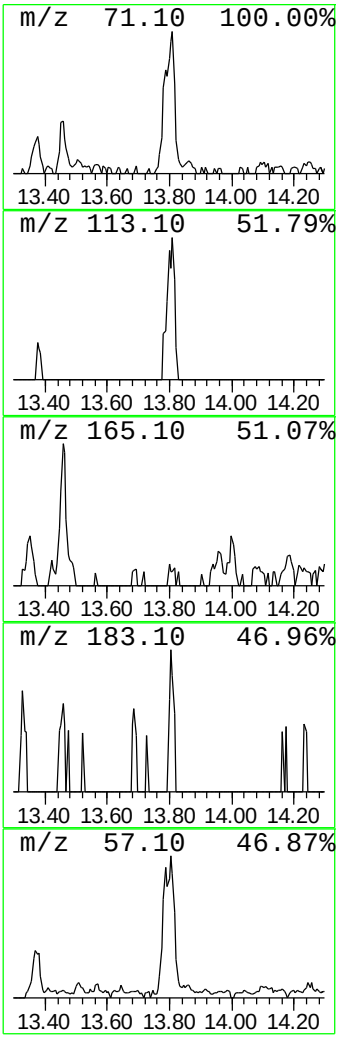
Peak Number 8 5,5-Dibutylnonane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	3.25 ng	65021	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dibutylnonane	240	C17H36	006008-17-9	53
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	50
3	Heptadecane	240	C17H36	000629-78-7	47
4	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	45
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	43





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Operator : SJ/MA
Sample : I3688-17
Misc :
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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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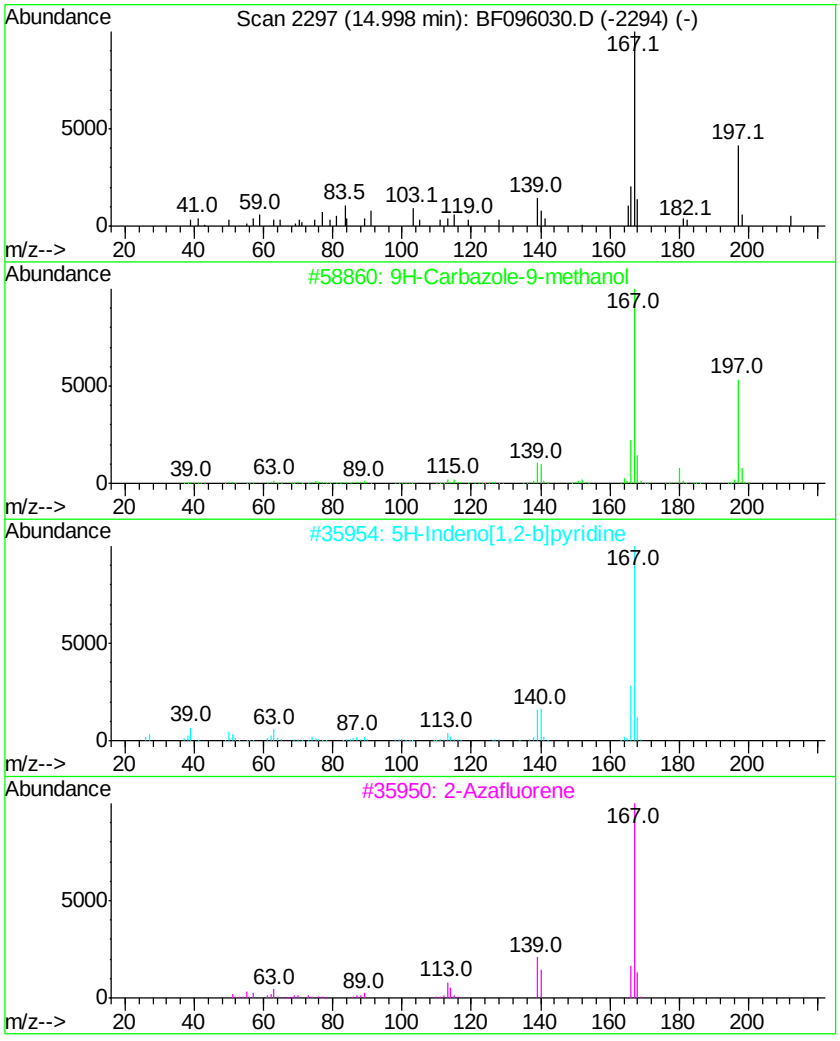
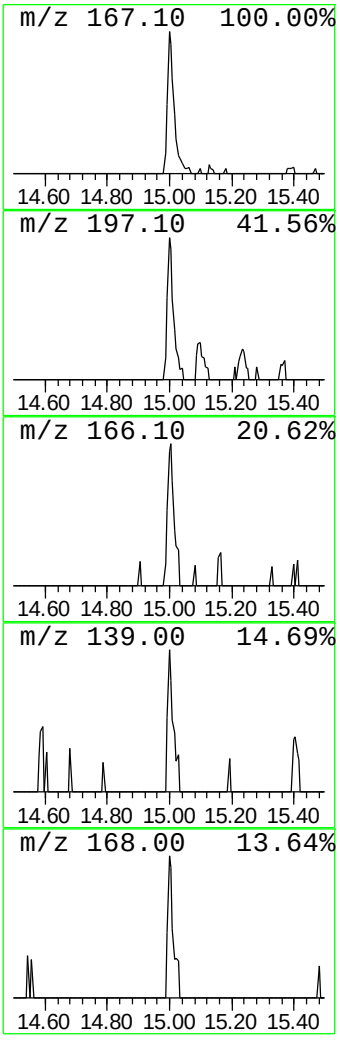
Peak Number 9 9H-Carbazole-9-methanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	2.73 ng	54710	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	80
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	47
3	2-Azafluorene	167	C12H9N	000244-40-6	47
4	Carbazole	167	C12H9N	000086-74-8	47
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	47





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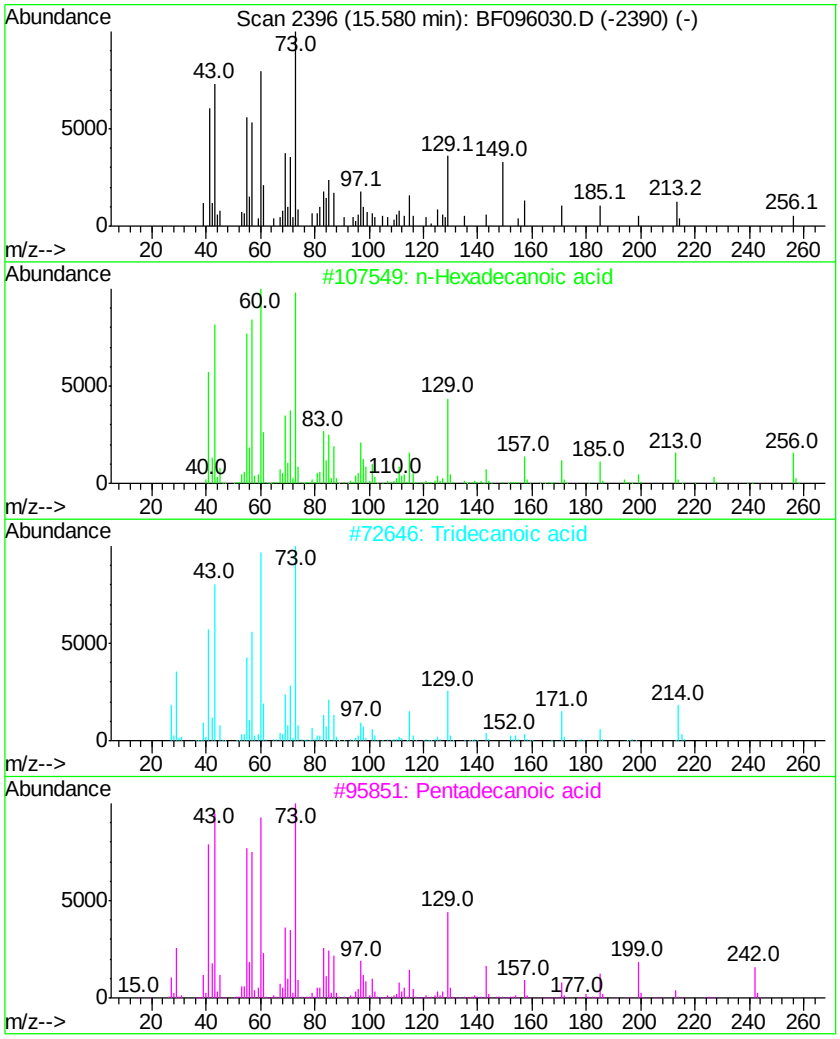
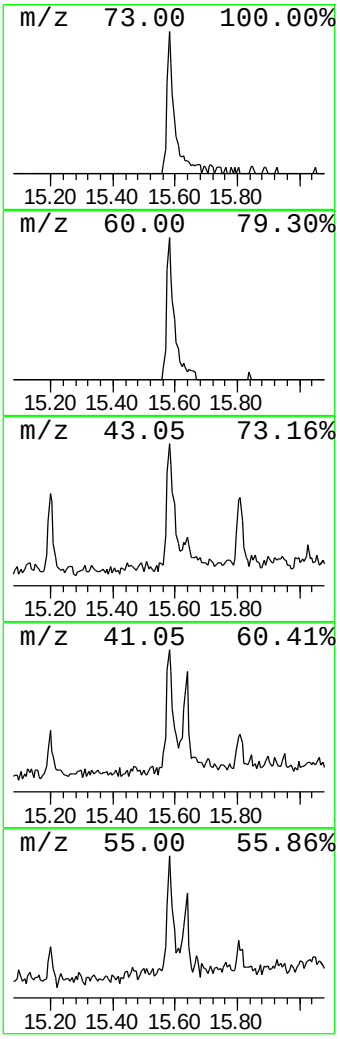
Peak Number 10 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	6.06 ng	121327	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





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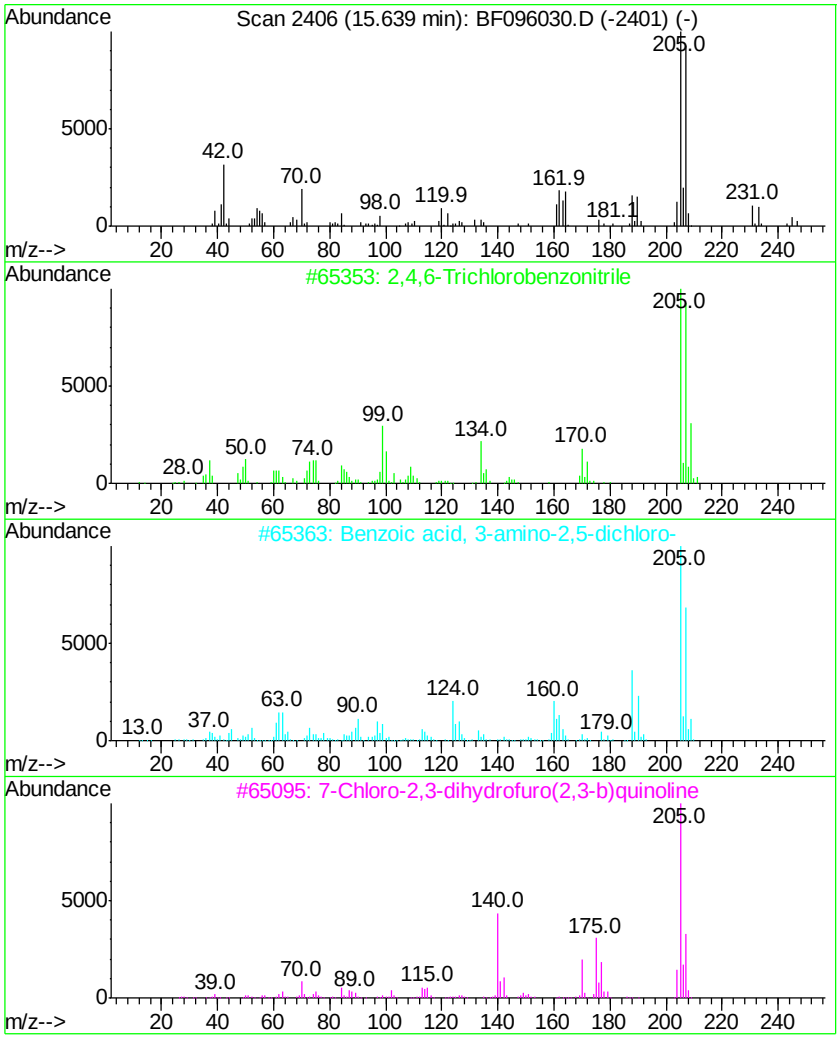
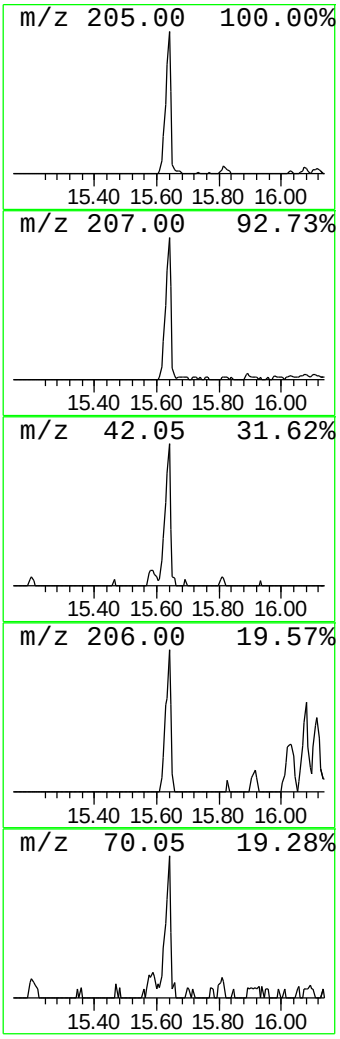
Peak Number 11 2,4,6-Trichlorobenzonitrile Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	8.12 ng	162514	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trichlorobenzonitrile	205	C7H2Cl3N	006575-05-9	53
2	Benzoic acid, 3-amino-2,5-dichloro-	205	C7H5Cl2NO2	000133-90-4	45
3	7-Chloro-2,3-dihydrofuro(2,3-b)q...	205	C11H8ClNO	064124-91-0	43
4	4-Bromo-2,6-difluorobenzyl alcoh...	278	C11H13BrF2O	1000375-28-6	38
5	4H-Benzo[def]carbazole, 4-methyl-	205	C15H11N	084819-26-1	35





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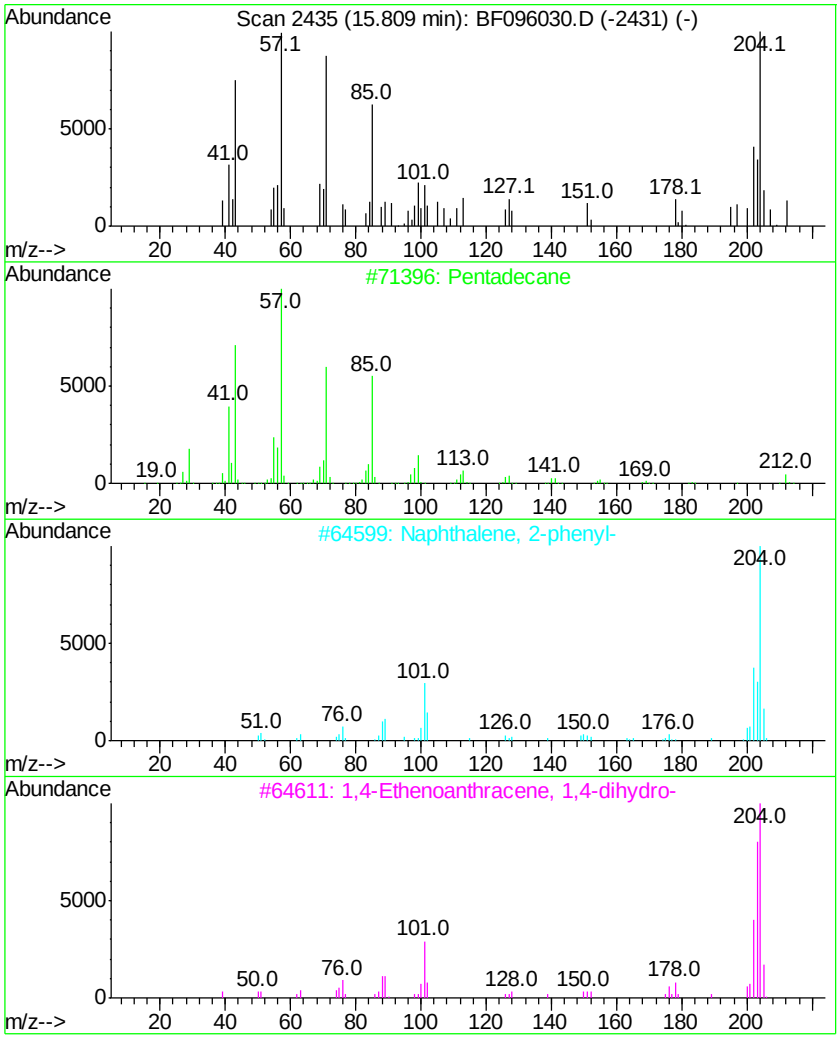
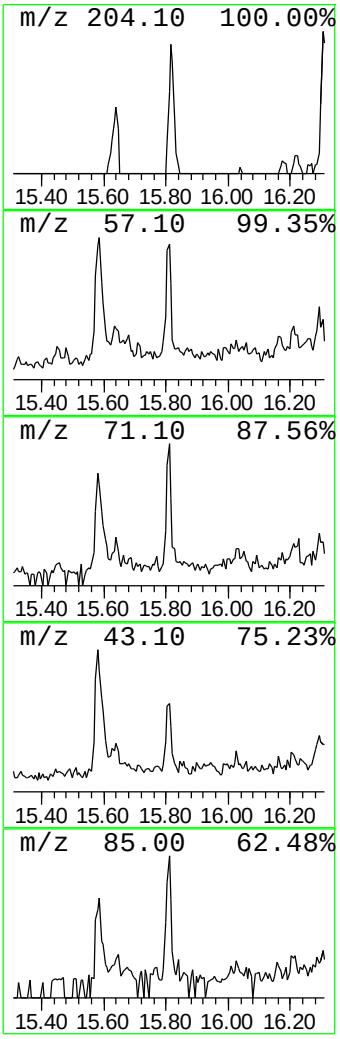
Peak Number 12 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	2.47 ng	49550	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	46
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42
3	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	38
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38
5	10-Methylnonadecane	282	C20H42	056862-62-5	30





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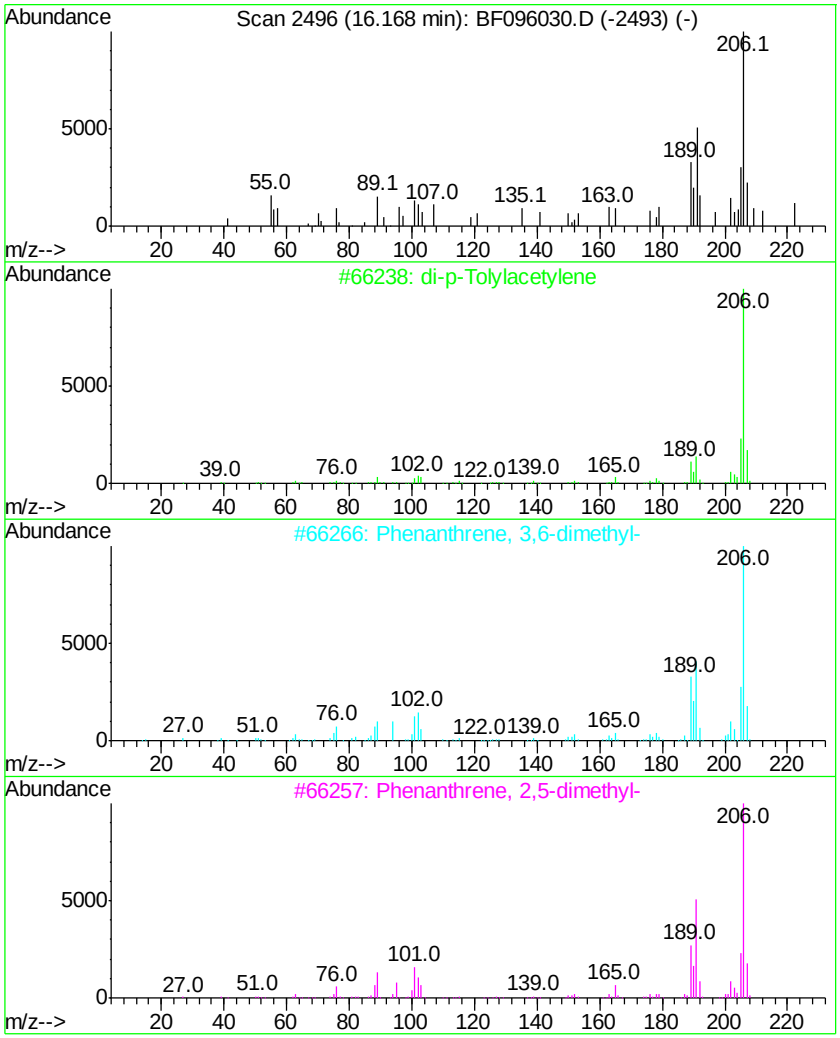
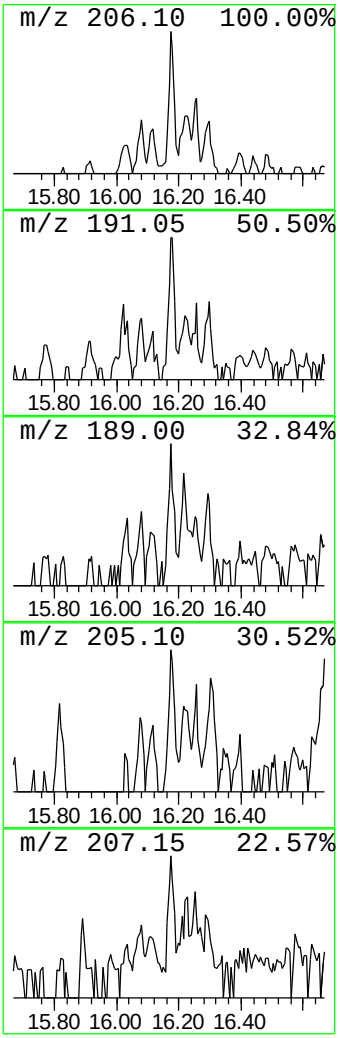
Peak Number 13 di-p-Tolylacetylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	2.41 ng	48164	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87





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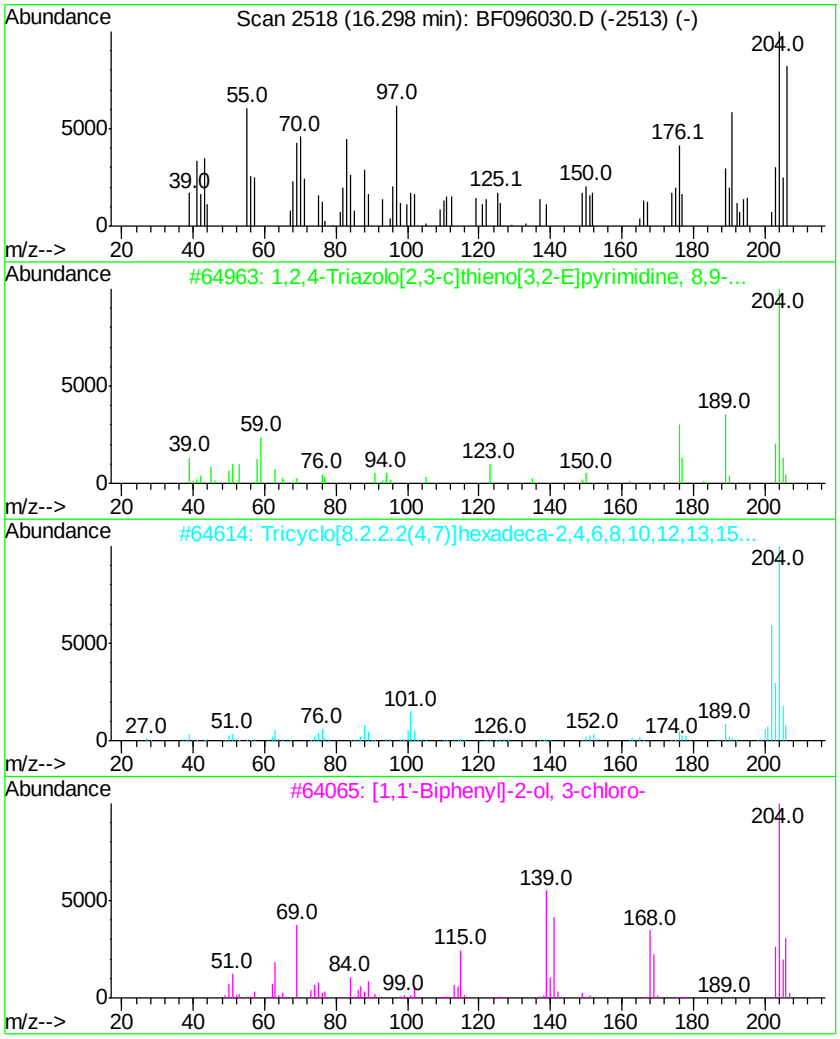
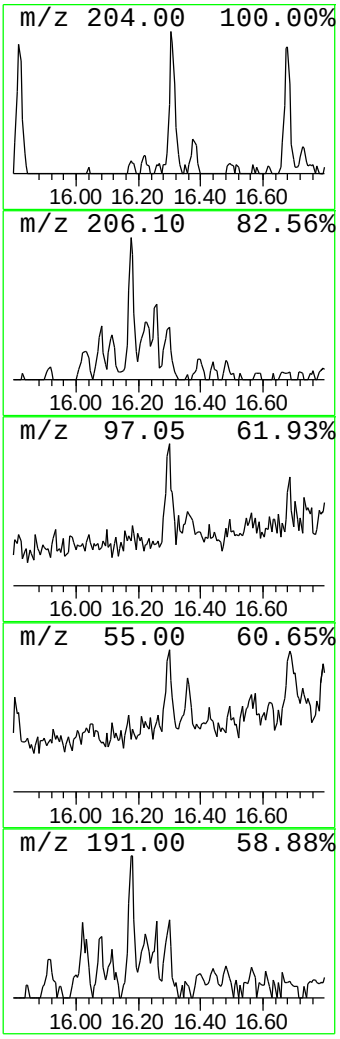
Peak Number 14 unknown16.30 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	3.26 ng	65233	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	35
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	25
3	[1,1'-Biphenyl]-2-ol, 3-chloro-	204	C12H9ClO	000085-97-2	22
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	22
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	14





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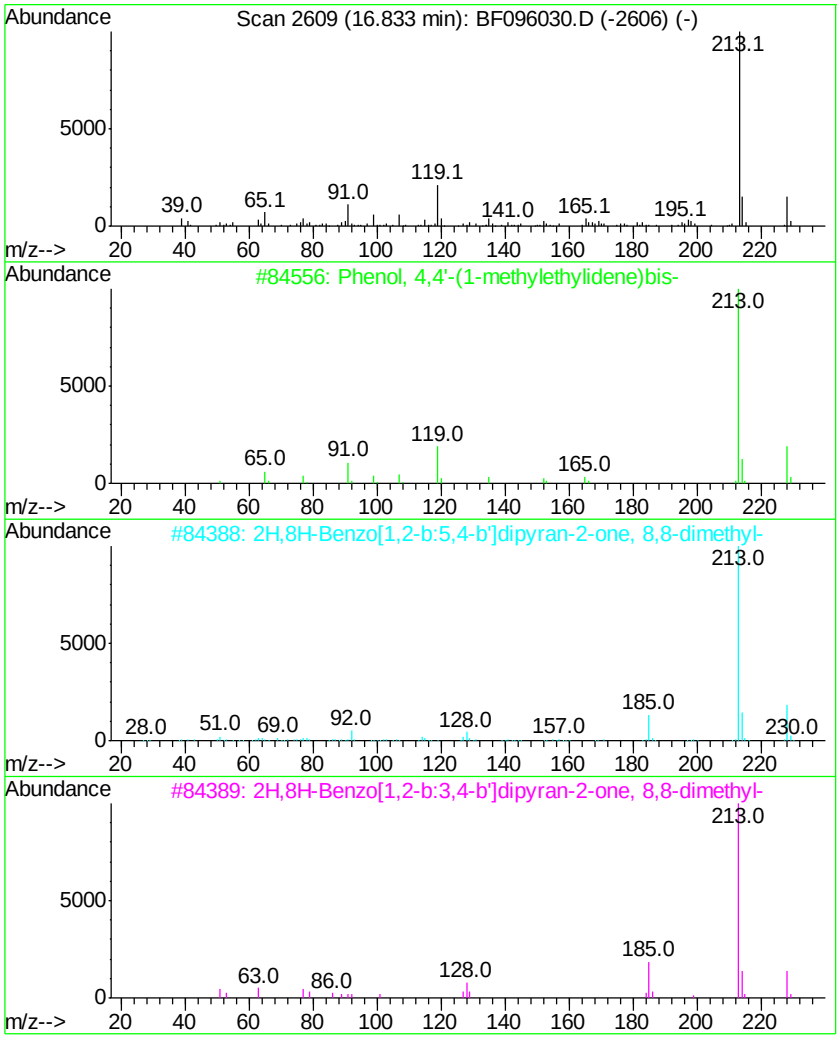
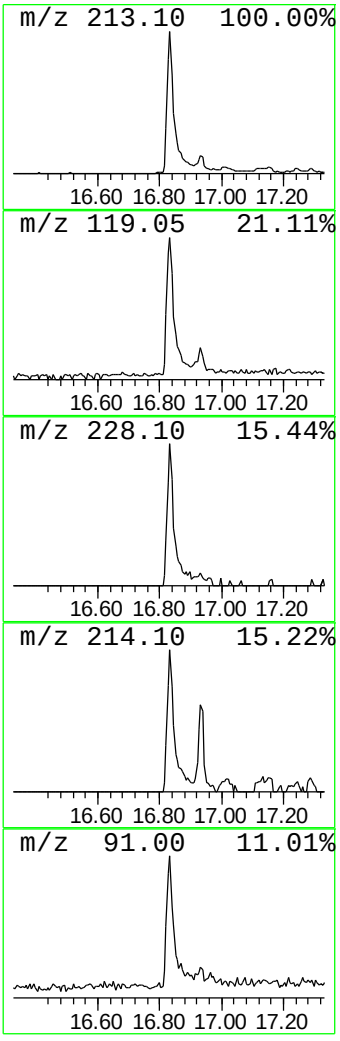
Peak Number 15 Phenol, 4,4'-(1-methylethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	6.40 ng	198047	Chrysene-d12	18.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	58
3	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	58
4	2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	53
5	1,4-Naphthalenedione, 2-(1-buten...	228	C14H12O3	029366-43-6	47





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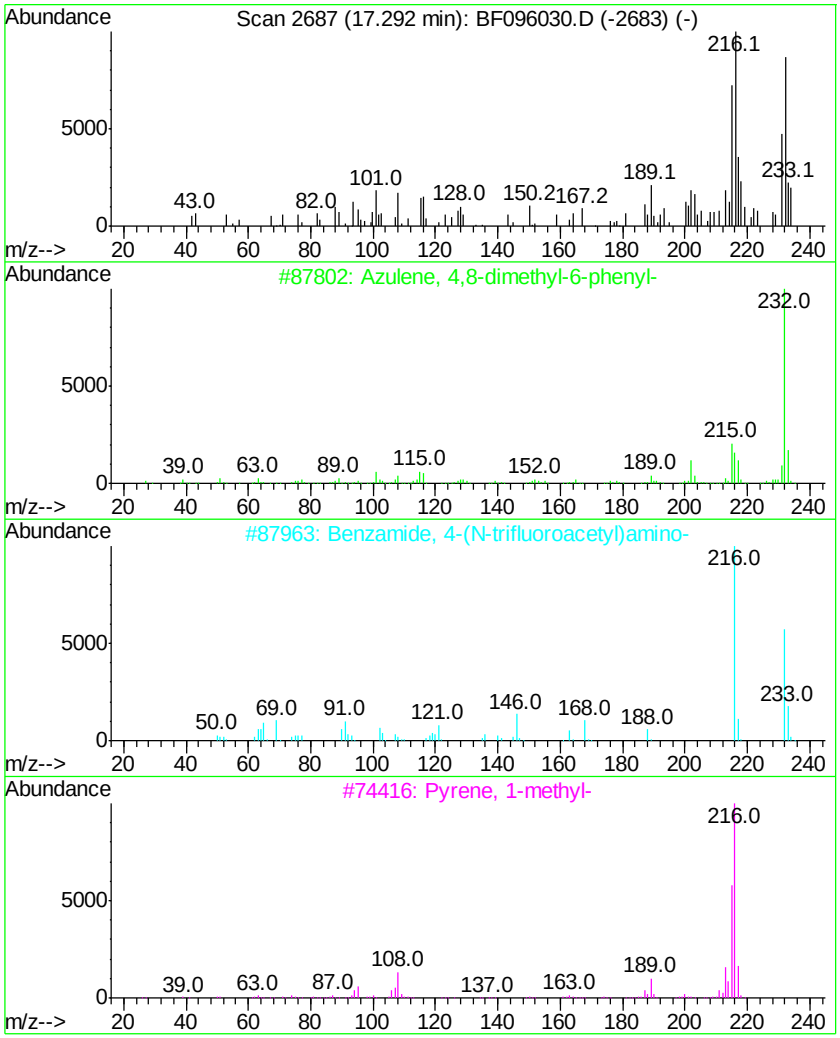
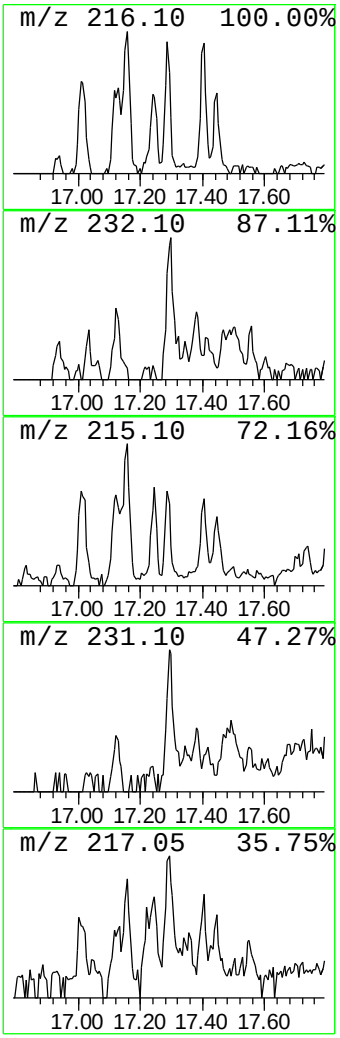
Peak Number 16 unknown17.29 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	2.50 ng	77240	Chrysene-d12	18.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 4,8-dimethyl-6-phenyl-	232	C18H16	042758-88-3	49
2	Benzamide, 4-(N-trifluoroacetyl)...	232	C9H7F3N2O2	328023-33-2	43
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	42
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	38
5	1,4-Dimethyl-6-phenyl-naphthalene	232	C18H16	051036-93-2	38





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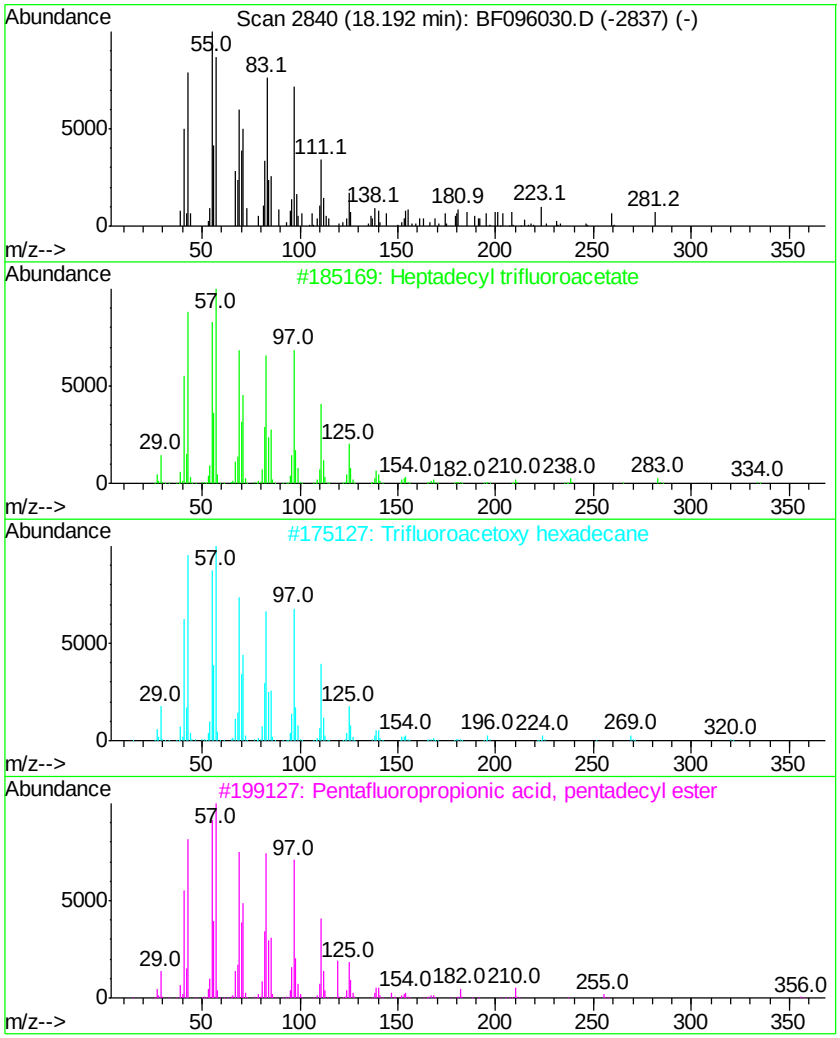
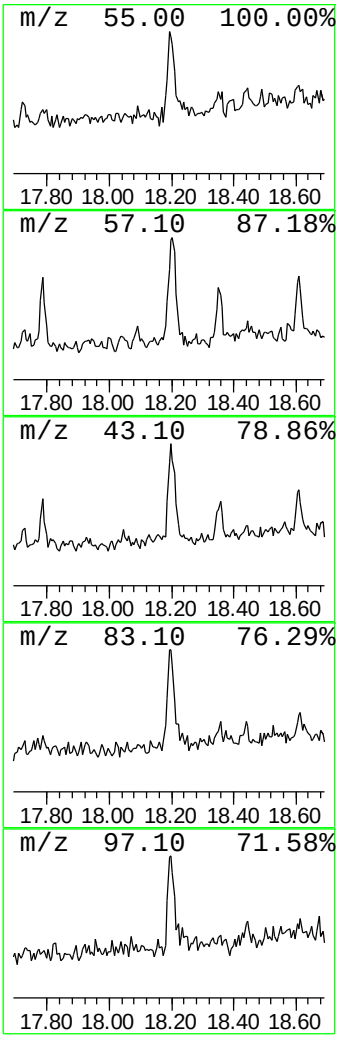
Peak Number 17 Heptadecyl trifluoroacetate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.70 ng	83615	Chrysene-d12	18.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	95
4	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





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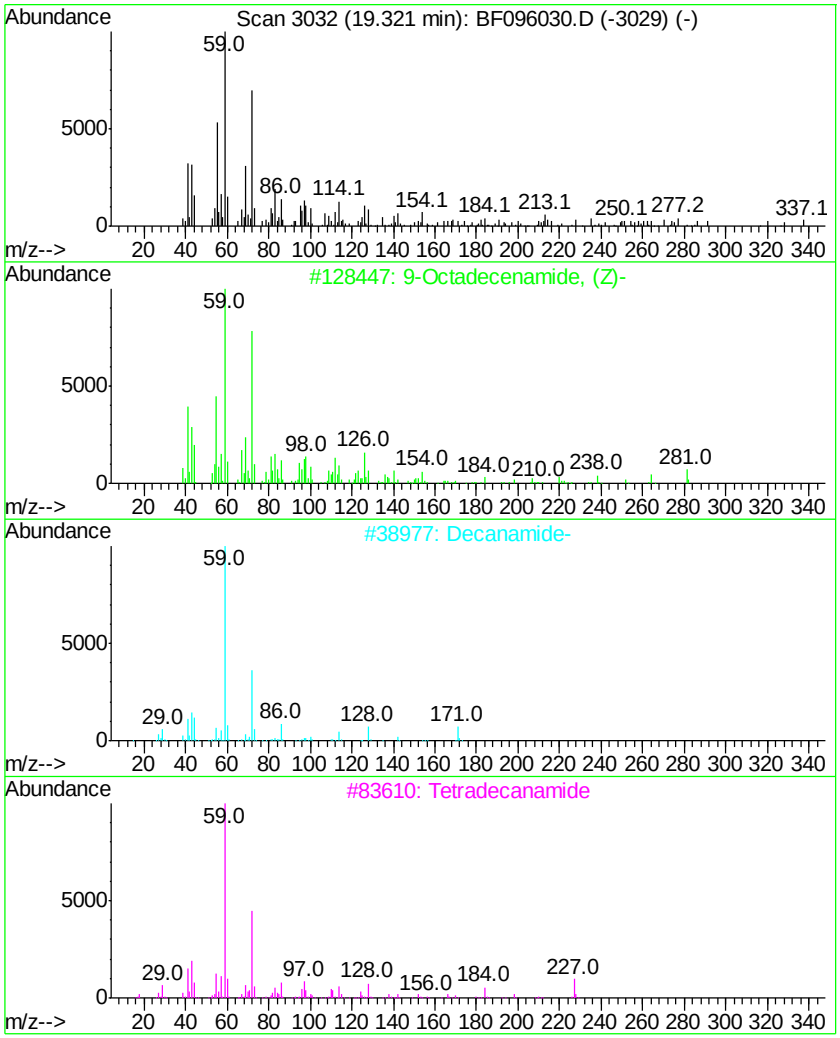
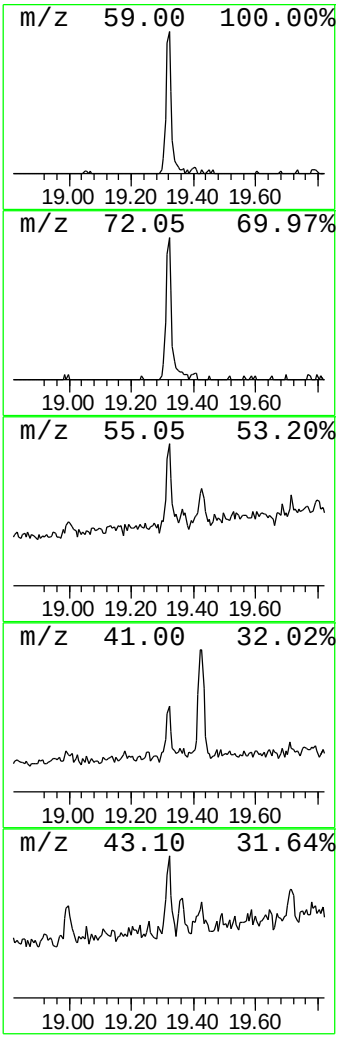
Peak Number 18 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	9.58 ng	115505	Perylene-d12	19.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2	Decanamide-	171	C10H21NO	002319-29-1	59
3	Tetradecanamide	227	C14H29NO	000638-58-4	59
4	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	50
5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	43





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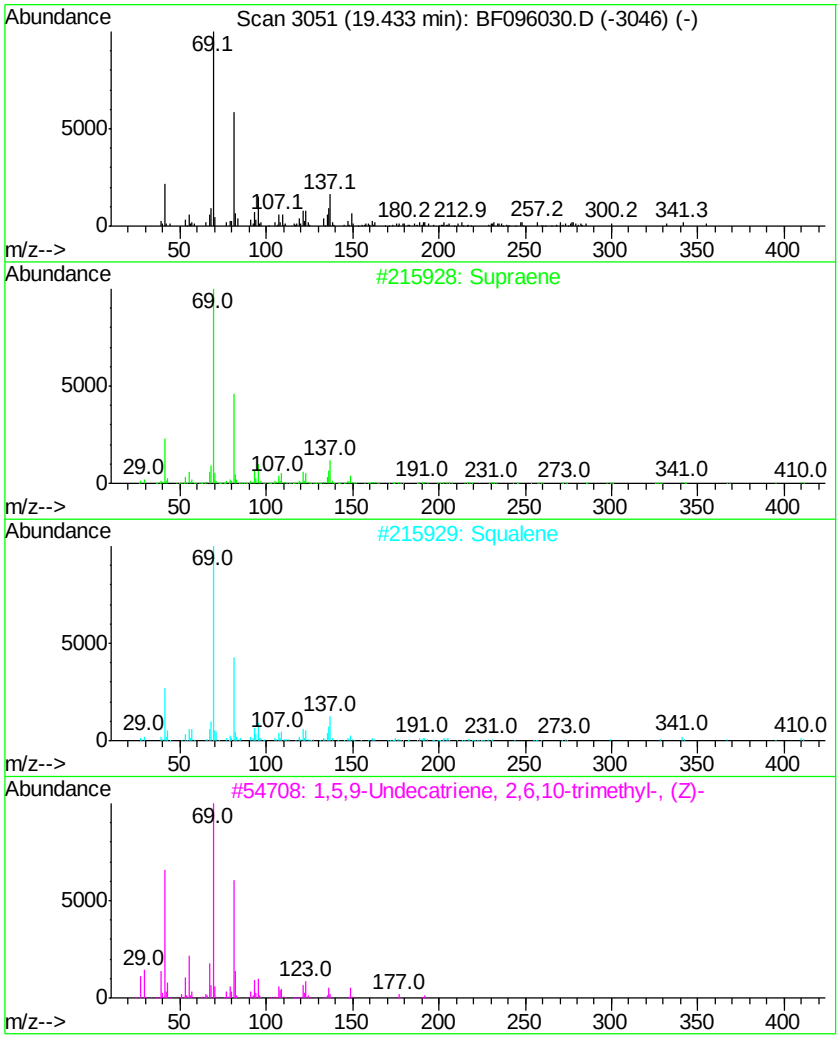
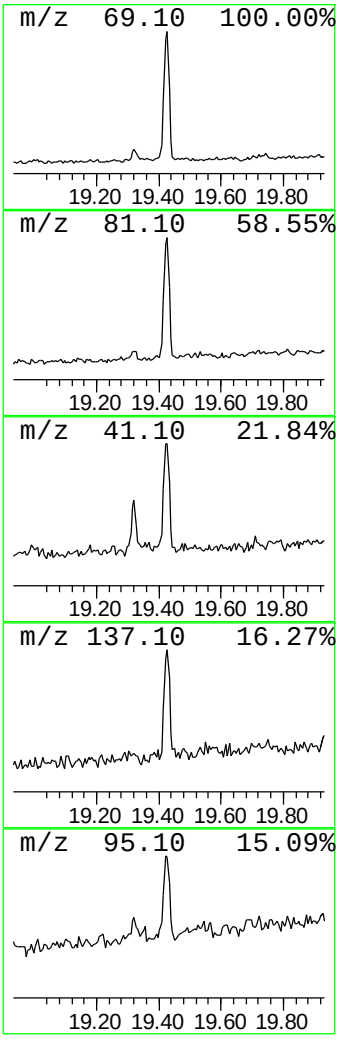
Peak Number 19 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	17.33 ng	208865	Perylene-d12	19.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64





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Operator : SJ/MA
Sample : I3688-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G11-0-1.5

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

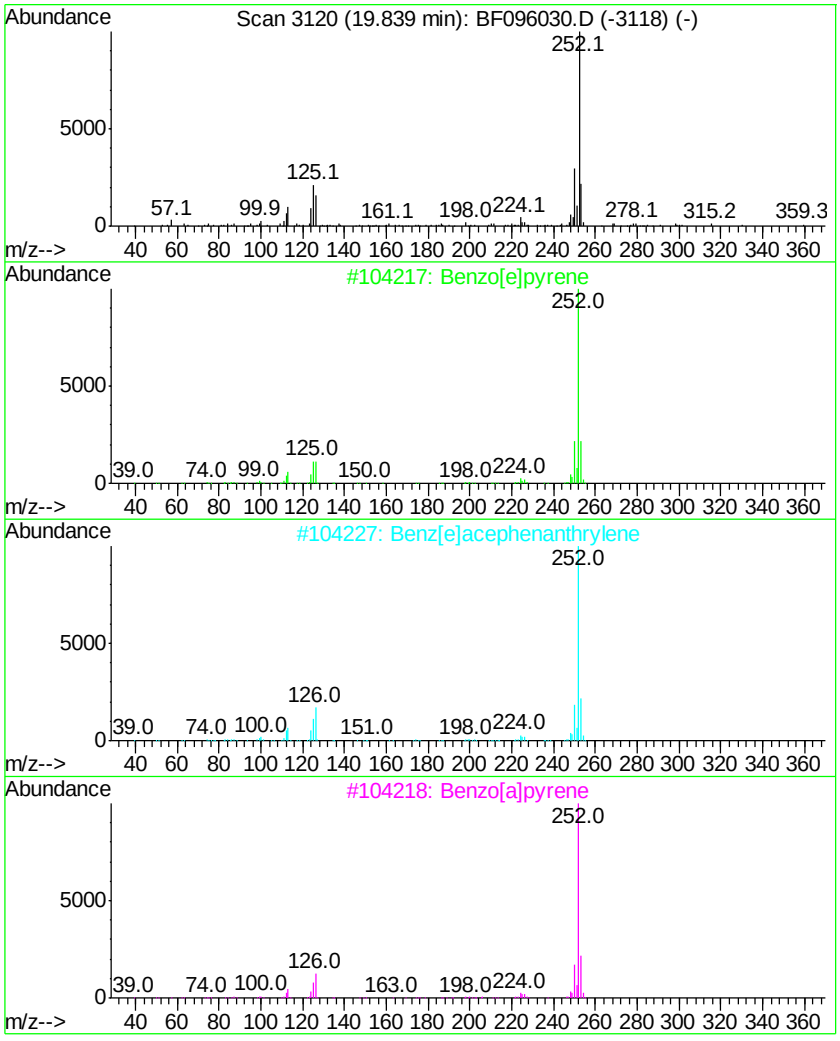
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

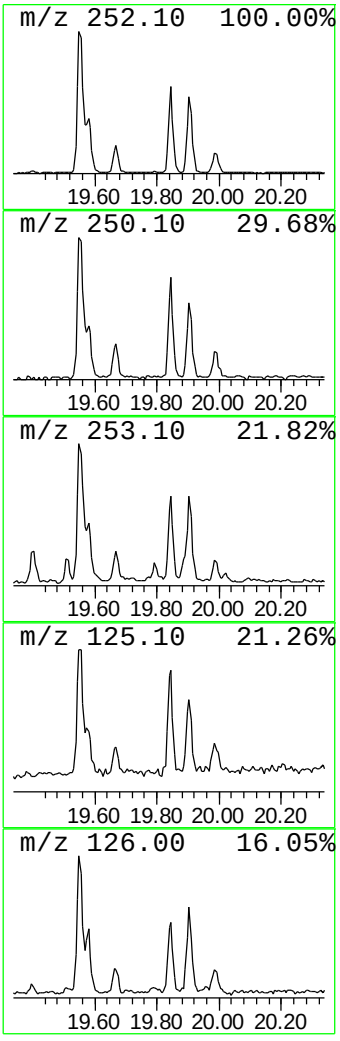
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	11.45 ng	137973	Perylene-d12	19.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
Data File : BF096030.D
Acq On : 20 Jun 2017 6:19
Operator : SJ/MA
Sample : I3688-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G11-0-1.5

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-Pentanol, 2,4-d...	4.50	7.7	ng	138655	1	7.30	362516	20.0
Benzen-d5-amine	6.81	2.5	ng	45869	1	7.30	362516	20.0
unknown6.97	6.97	97.3	ng	1764150	1	7.30	362516	20.0
Benzene, 1-ethyl-...	7.03	4.0	ng	72758	1	7.30	362516	20.0
Heneicosane	13.79	2.4	ng	48715	4	14.55	400474	20.0
5,5-Dibutylnonane	13.80	3.3	ng	65021	4	14.55	400474	20.0
9H-Carbazole-9-me...	15.00	2.7	ng	54710	4	14.55	400474	20.0
n-Hexadecanoic acid	15.58	6.1	ng	121327	4	14.55	400474	20.0
2,4,6-Trichlorobe...	15.64	8.1	ng	162514	4	14.55	400474	20.0
Pentadecane	15.81	2.5	ng	49550	4	14.55	400474	20.0
di-p-Tolylacetylene	16.17	2.4	ng	48164	4	14.55	400474	20.0
unknown16.30	16.30	3.3	ng	65233	4	14.55	400474	20.0
Phenol, 4,4'-(1-m...	16.83	6.4	ng	198047	5	18.28	618694	20.0
unknown17.29	17.29	2.5	ng	77240	5	18.28	618694	20.0
Heptadecyl triflu...	18.19	2.7	ng	83615	5	18.28	618694	20.0
9-Octadecenamide,...	19.32	9.6	ng	115505	6	19.96	241023	20.0
Supraene	19.43	17.3	ng	208865	6	19.96	241023	20.0
Benzo[e]pyrene	19.84	11.4	ng	137973	6	19.96	241023	20.0