LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104978.D
Acq On : 1 May 2018 12:48
Operator : JU/SJ
Sample : J2165-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-042718

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-BF040618.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	5.004	492	496	503	rBV	77471	103378	1.69%	0.227%
2	5.410	560	565	581	rBV	2182118	2378882	38.83%	5.233%
3	6.434	733	739	756	rBV	2215749	2407218	39.29%	5.295%
4	6.563	756	761	764	rBV	2592772	2453735	40.05%	5.397%
5	6.786	795	799	803	rBV	887719	697146	11.38%	1.533%
6	6.945	821	826	829	rBV	2148792	1922362	31.38%	4.229%
7	7.357	891	896	899	rBV	1600224	1500653	24.49%	3.301%
8	8.069	1014	1017	1023	rVV	962386	980463	16.00%	2.157%
9	8.651	1113	1116	1120	rBV	124433	107189	1.75%	0.236%
10	8.886	1154	1156	1162	rBV4	57724	65670	1.07%	0.144%
11	9.145	1196	1200	1204	rBV	2808469	2701659	44.10%	5.943%
12	9.216	1209	1212	1216	rBV	194157	178056	2.91%	0.392%
13	9.539	1262	1267	1270	rBV	346487	334983	5.47%	0.737%
14	9.686	1289	1292	1296	rBV2	51424	65526	1.07%	0.144%
15	9.745	1300	1302	1306	rVV	205556	192575	3.14%	0.424%
16	9.827	1310	1316	1319	rVV2	1192459	1092175	17.83%	2.402%
17	10.033	1348	1351	1354	rVV2	68588	71909	1.17%	0.158%
18	10.069	1354	1357	1361	rVB3	70173	66438	1.08%	0.146%
19	10.145	1366	1370	1373	rBV5	34674	62086	1.01%	0.137%
20	10.245	1385	1387	1391	rVB	241532	210397	3.43%	0.463%
21	10.374	1406	1409	1414	rVB	105931	98674	1.61%	0.217%
22	10.469	1419	1425	1427	rBV	81116	112061	1.83%	0.246%
23	10.621	1447	1451	1460	rVB	1738587	1682725	27.47%	3.701%
24	10.721	1465	1468	1478	rVB	259022	294919	4.81%	0.649%
25	10.916	1498	1501	1505	rBV2	39739	68111	1.11%	0.150%
26	11.168	1541	1544	1547	rBV	195955	161918	2.64%	0.356%
27	11.316	1565	1569	1571	rBV	1104398	991110	16.18%	2.180%
28	11.339	1571	1573	1577	rVV	773007	652607	10.65%	1.436%
29	11.392	1579	1582	1585	rVB	125345	108062	1.76%	0.238%
30	11.551	1605	1609	1614	rVB2	55890	69426	1.13%	0.153%
31	11.598	1614	1617	1620	rBV	150043	139225	2.27%	0.306%
32	11.704	1631	1635	1638	rBV	2570119	2169957	35.42%	4.773%
33	11.821	1651	1655	1657	rBV	76210	83734	1.37%	0.184%
34	11.845	1657	1659	1665	rVB	211947	192851	3.15%	0.424%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
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Acq On : 1 May 2018 12:48
Operator : JU/SJ
Sample : J2165-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-042718

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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.933	1670	1674	1676	rBV	156471	147812	2.41%	0.325%
36	12.004	1682	1686	1688	rBV2	139800	128658	2.10%	0.283%
37	12.115	1701	1705	1707	rVV2	68359	74834	1.22%	0.165%
38	12.151	1707	1711	1719	rVB3	78185	105330	1.72%	0.232%
39	12.398	1745	1753	1755	rVV	4470132	6126368	100.00%	13.476%
40	12.421	1755	1757	1762	rVV2	4295206	4001118	65.31%	8.801%
41	12.463	1762	1764	1766	rVV2	84442	82064	1.34%	0.181%
42	12.492	1766	1769	1773	rVV	1069815	956853	15.62%	2.105%
43	12.533	1773	1776	1779	rVV	938816	824104	13.45%	1.813%
44	12.568	1779	1782	1786	rVV4	82206	158541	2.59%	0.349%
45	12.627	1790	1792	1797	rVV3	53722	69470	1.13%	0.153%
46	12.680	1797	1801	1805	rVV4	61969	96667	1.58%	0.213%
47	12.733	1807	1810	1811	rVV	196049	189637	3.10%	0.417%
48	12.762	1812	1815	1822	rVV	706204	770093	12.57%	1.694%
49	12.904	1833	1839	1842	rBV	2109199	2154615	35.17%	4.739%
50	12.986	1848	1853	1856	rBV3	62042	107077	1.75%	0.236%
51	13.057	1861	1865	1867	rVV2	223016	255490	4.17%	0.562%
52	13.092	1869	1871	1874	rVV	154949	185063	3.02%	0.407%
53	13.127	1874	1877	1878	rVV2	118005	139197	2.27%	0.306%
54	13.139	1878	1879	1881	rVV	160581	126915	2.07%	0.279%
55	13.157	1881	1882	1885	rVV	114588	84596	1.38%	0.186%
56	13.198	1885	1889	1890	rVV3	65802	72311	1.18%	0.159%
57	13.221	1890	1893	1896	rVB	138972	126208	2.06%	0.278%
58	13.651	1962	1966	1972	rVB4	78525	116771	1.91%	0.257%
59	13.792	1987	1990	1993	rBV3	267518	276855	4.52%	0.609%
60	13.886	2003	2006	2011	rVB2	85099	81105	1.32%	0.178%
61	13.962	2014	2019	2022	rVV2	857829	1090696	17.80%	2.399%
62	13.986	2022	2023	2031	rVB	273843	255637	4.17%	0.562%
63	14.415	2092	2096	2101	rBV6	36606	69393	1.13%	0.153%
64	14.845	2165	2169	2177	rVB2	72638	101458	1.66%	0.223%
65	15.004	2192	2196	2199	rBV	254264	366824	5.99%	0.807%
66	15.109	2211	2214	2221	rBV	51605	76765	1.25%	0.169%
67	15.304	2243	2247	2253	rVB	155517	188322	3.07%	0.414%
68	15.362	2253	2257	2262	rBV	215430	281956	4.60%	0.620%
69	15.427	2263	2268	2272	rBV	561790	722955	11.80%	1.590%
70	15.903	2346	2349	2353	rVV5	41181	68762	1.12%	0.151%
71	16.886	2510	2516	2525	rBV2	92682	207937	3.39%	0.457%

LSC Area Percent Report

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Acq On : 1 May 2018 12:48
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Sample : J2165-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-042718

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 >
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.327	2585	2591	2598	rBV	72193	155654	2.54%	0.342%

Sum of corrected areas: 45461991

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
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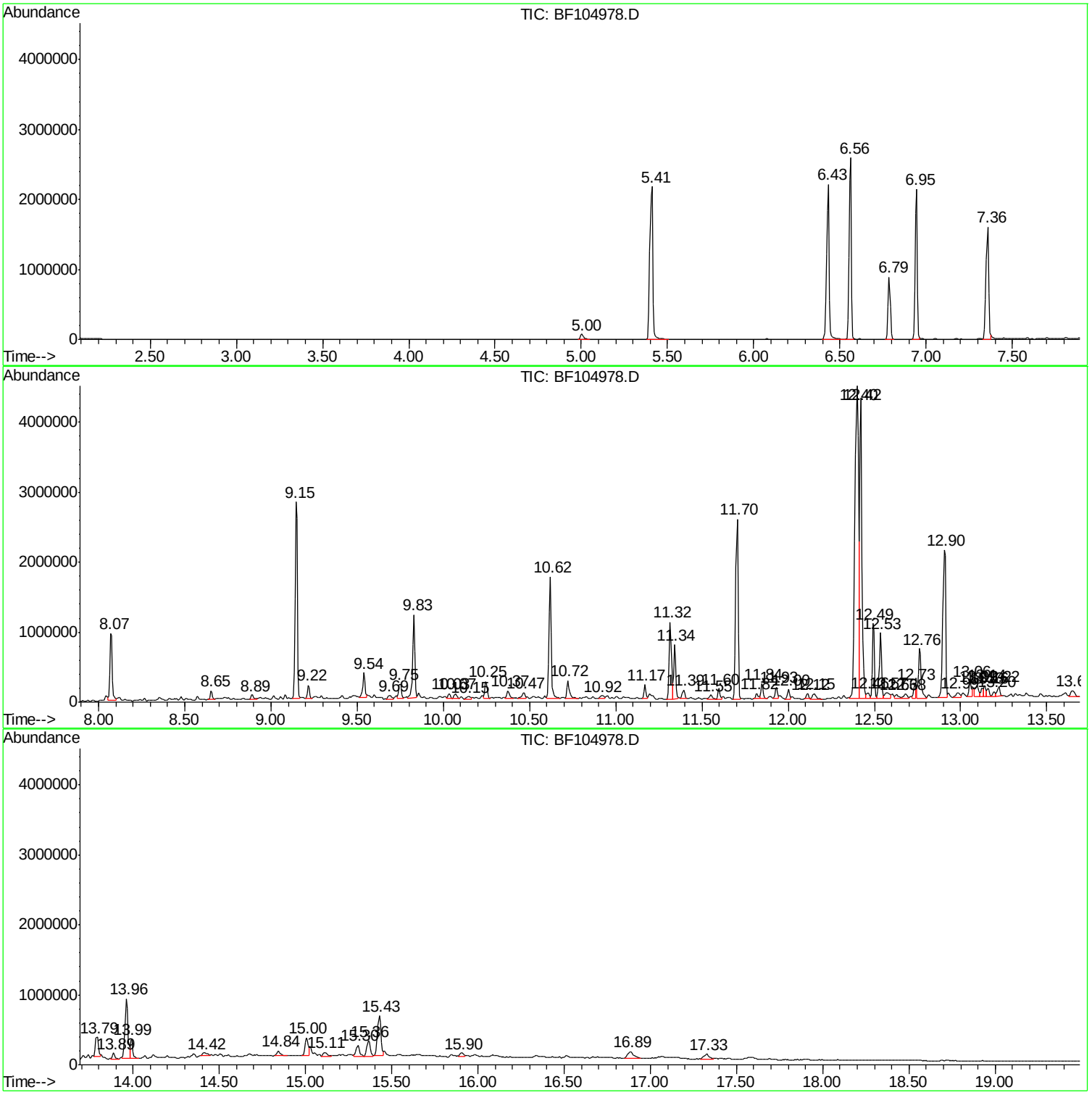
Operator : JU/SJ
Sample : J2165-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-042718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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\BF050118\
Data File : BF104978.D
Acq On : 1 May 2018 12:48
Operator : JU/SJ
Sample : J2165-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-042718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

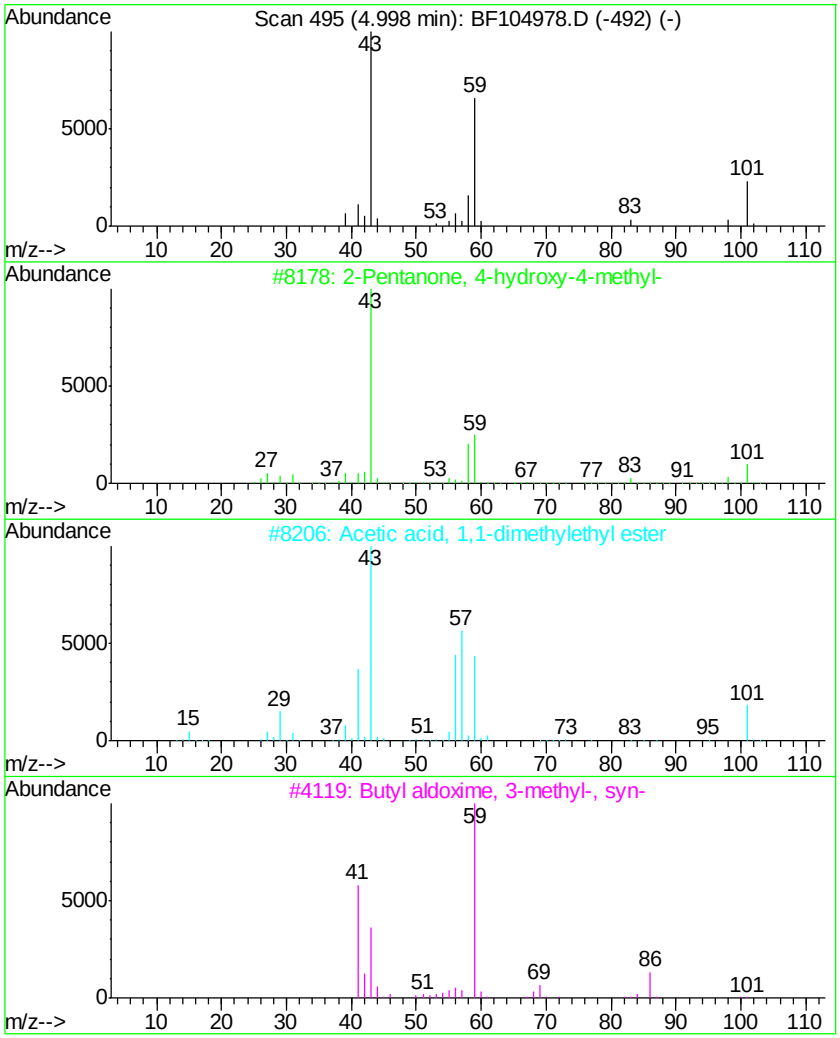
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

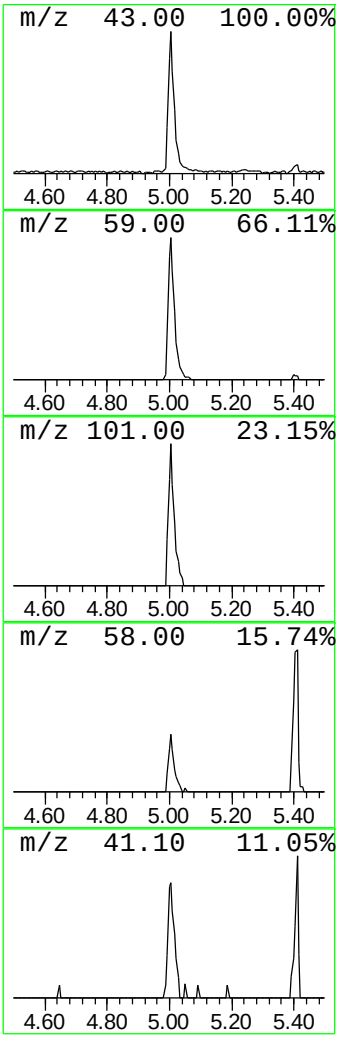
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	2.97 ng	103378	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104978.D
Acq On : 1 May 2018 12:48
Operator : JU/SJ
Sample : J2165-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-042718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

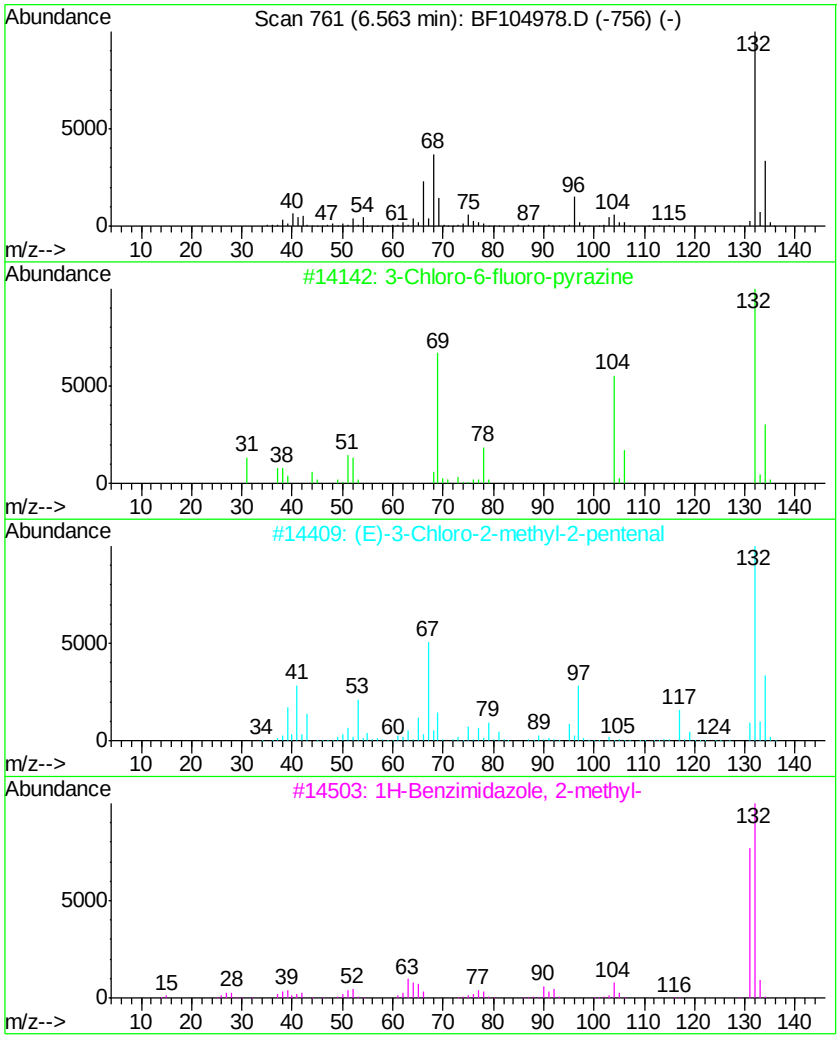
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

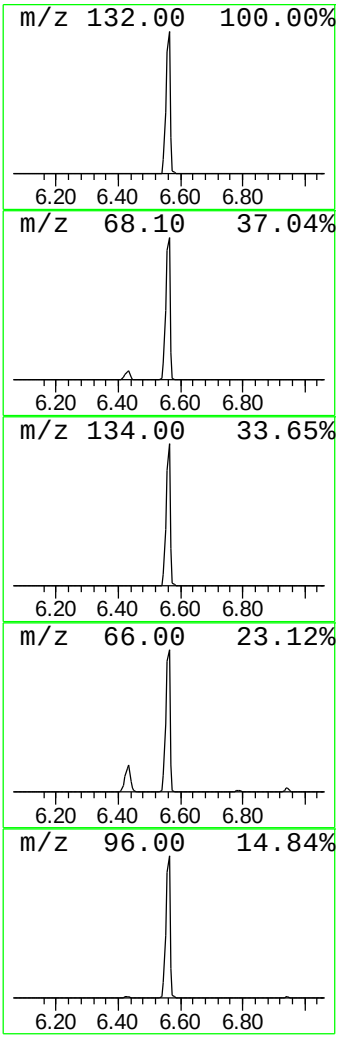
****

Peak Number 2 unknown6.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	70.39 ng	2453740	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104978.D
Acq On : 1 May 2018 12:48
Operator : JU/SJ
Sample : J2165-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-042718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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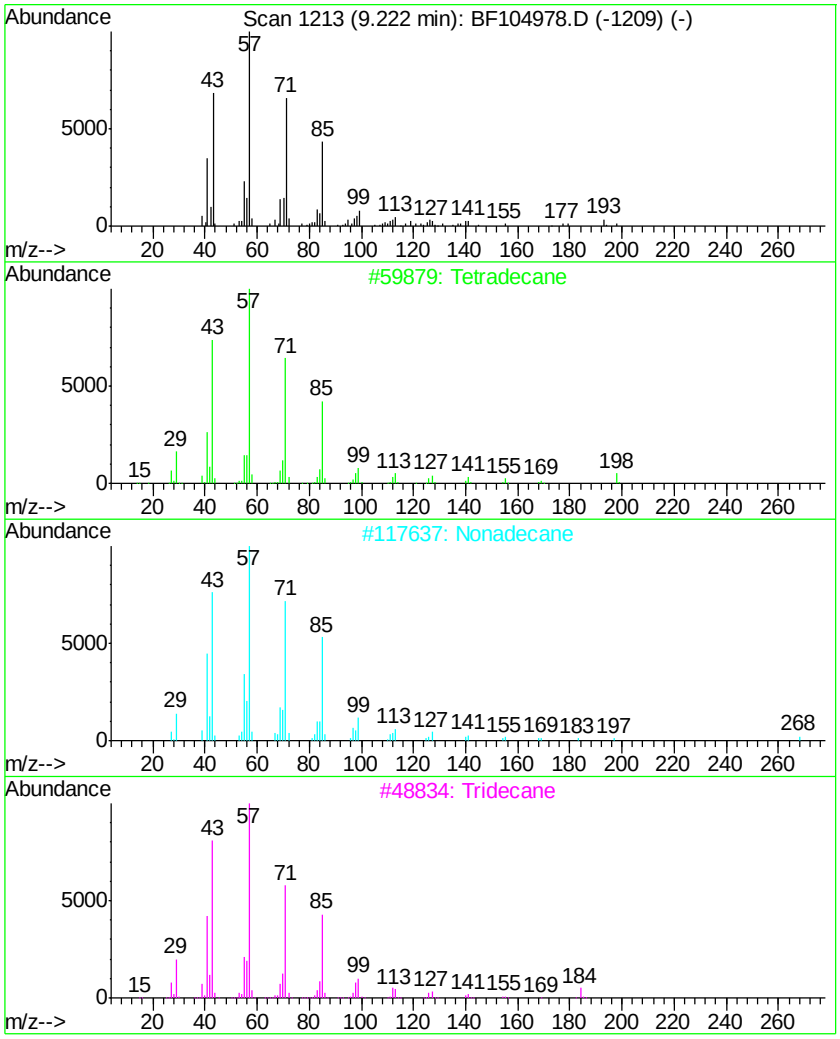
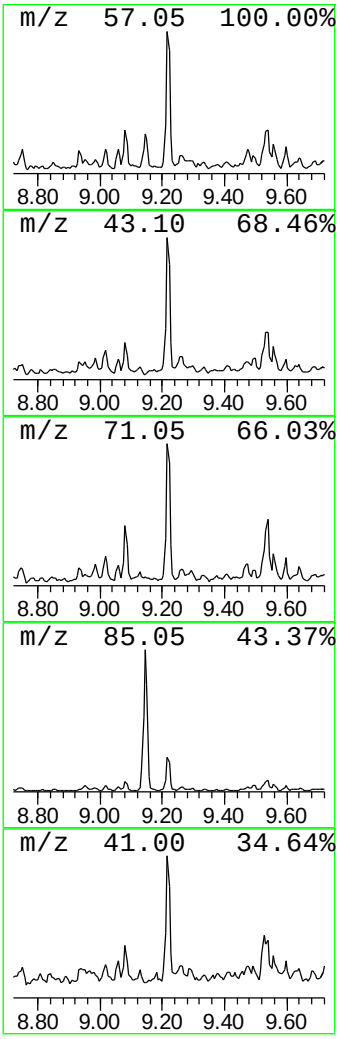
Peak Number 4 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	3.26 ng	178056	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Nonadecane	268	C19H40	000629-92-5	87
3	Tridecane	184	C13H28	000629-50-5	86
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64





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Instrument : BNA_F
ClientSampleId : SU-04-042718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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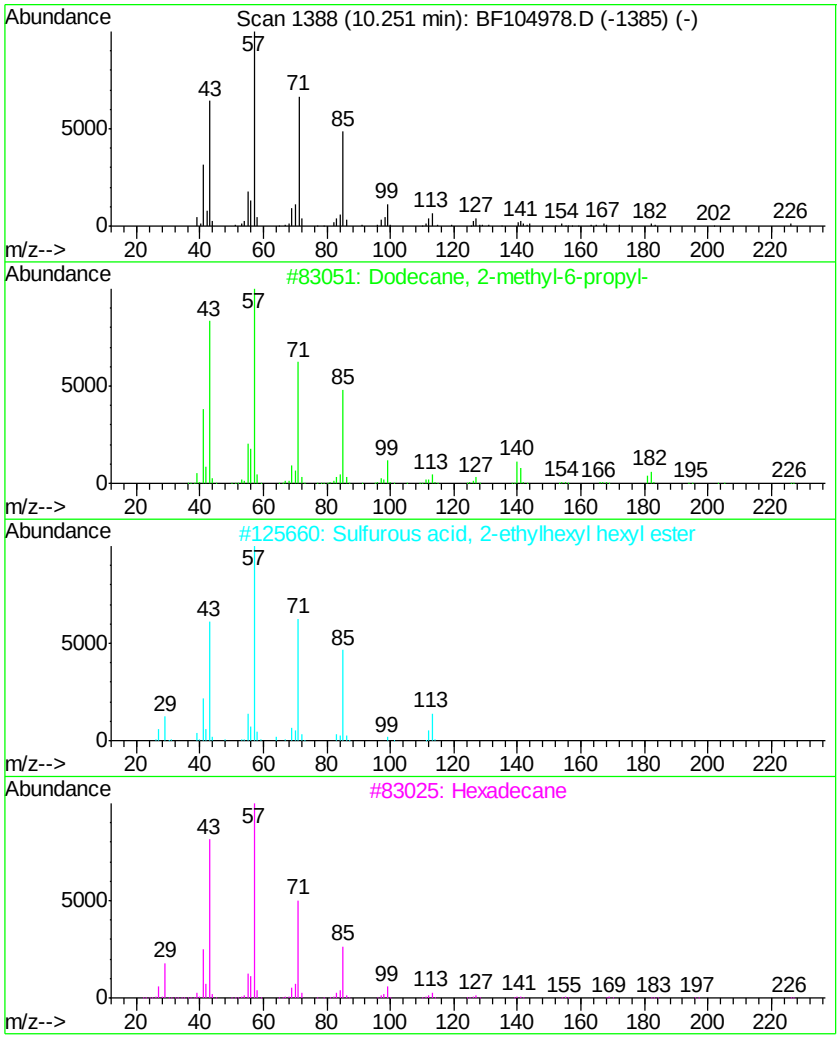
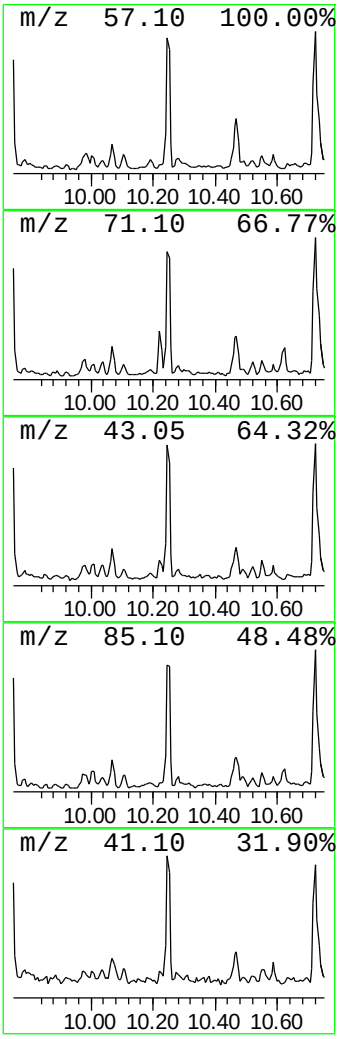
Peak Number 6 Dodecane, 2-methyl-6-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	3.85 ng	210397	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	72
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	59





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Operator : JU/SJ
Sample : J2165-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-042718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

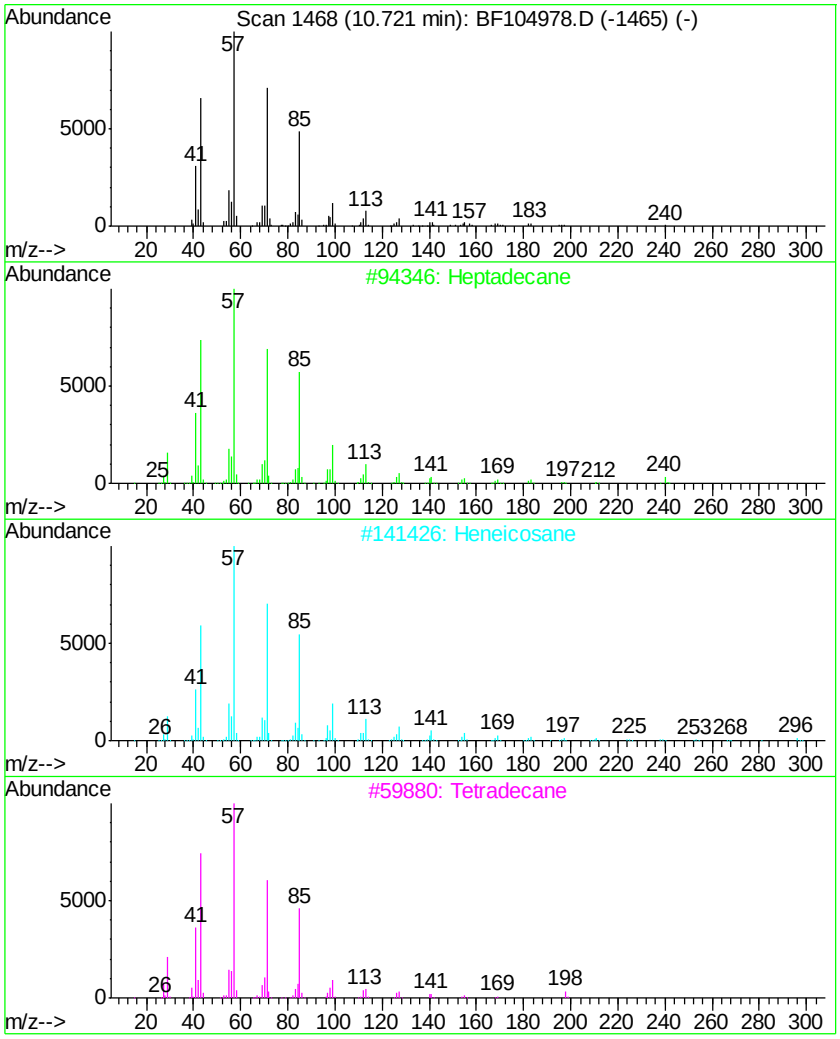
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

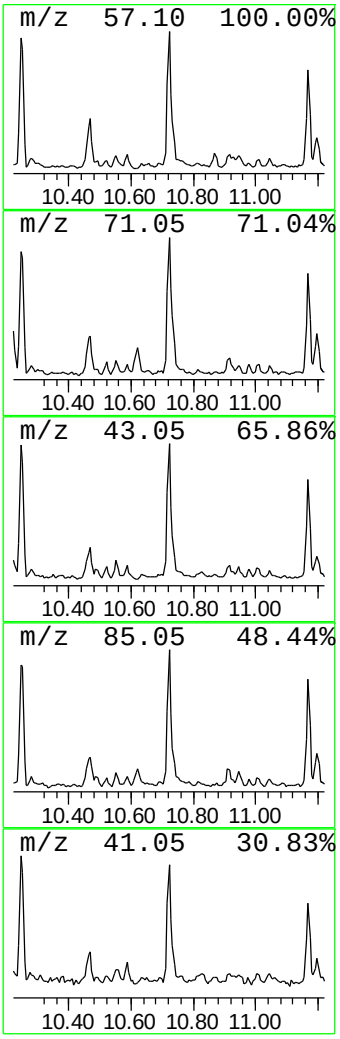
****

Peak Number 7 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	5.95 ng	294919	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetradecane	198	C14H30	000629-59-4	87
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86





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Data File : BF104978.D
Acq On : 1 May 2018 12:48
Operator : JU/SJ
Sample : J2165-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-042718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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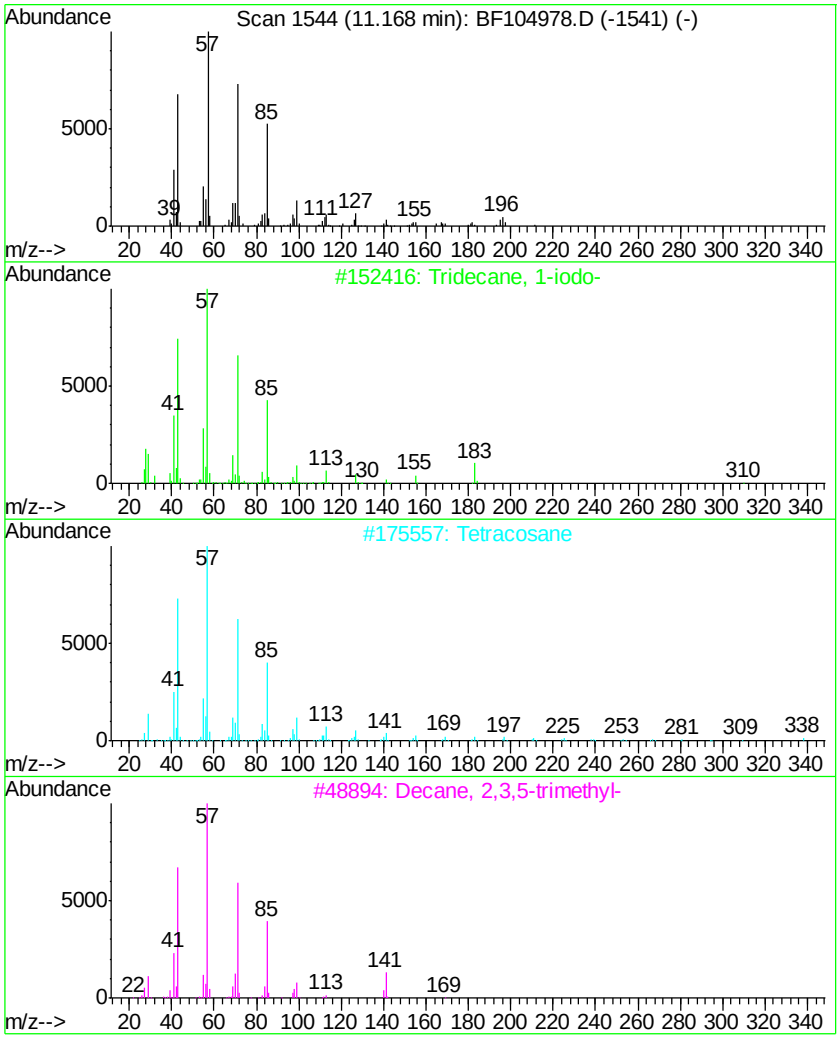
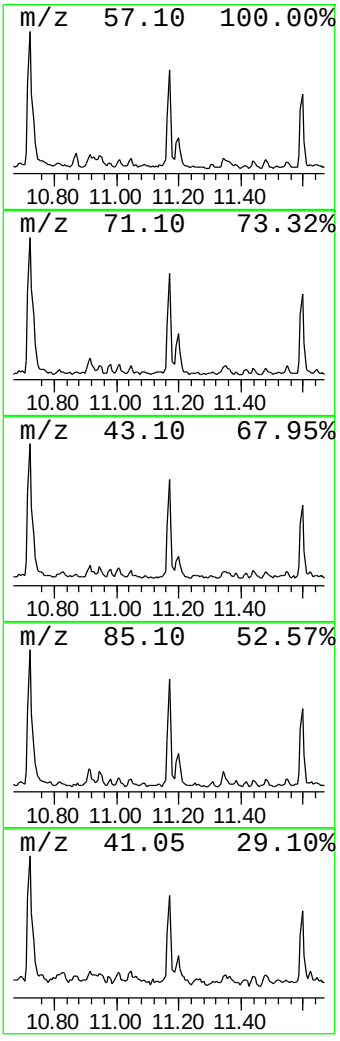
Peak Number 8 Tridecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	3.27 ng	161918	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2	Tetracosane	338	C24H50	000646-31-1	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	Heptacosane	380	C27H56	000593-49-7	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104978.D
Acq On : 1 May 2018 12:48
Operator : JU/SJ
Sample : J2165-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-042718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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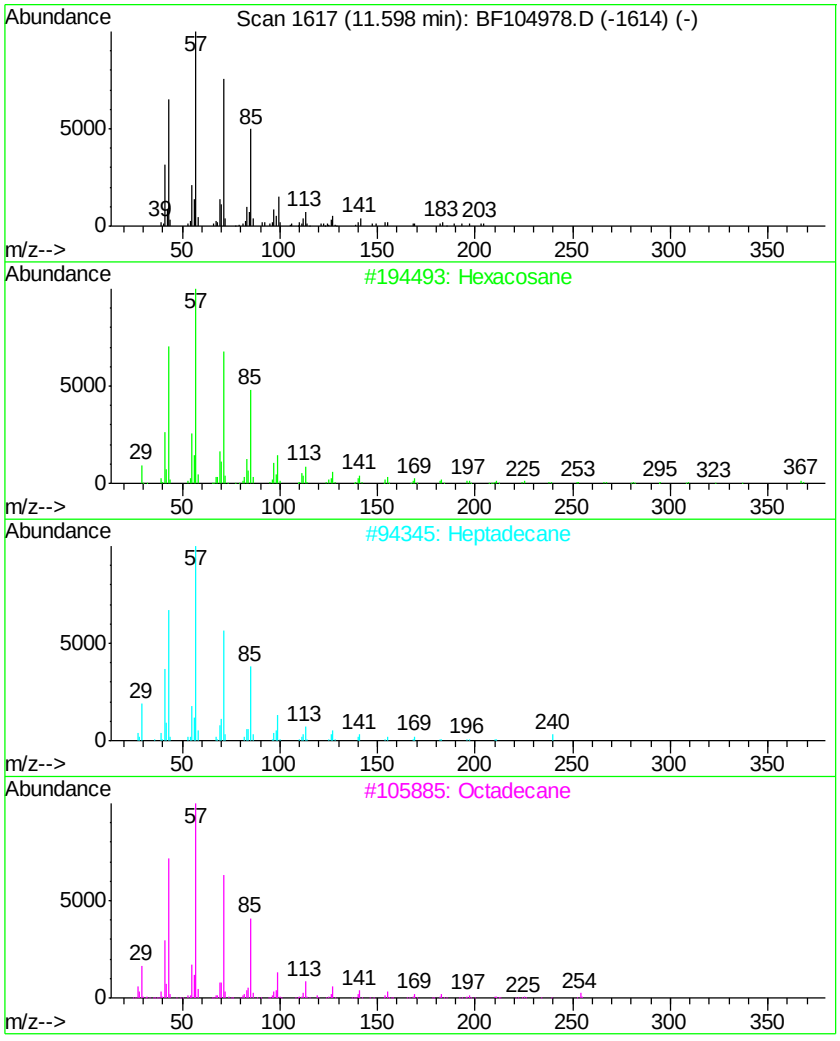
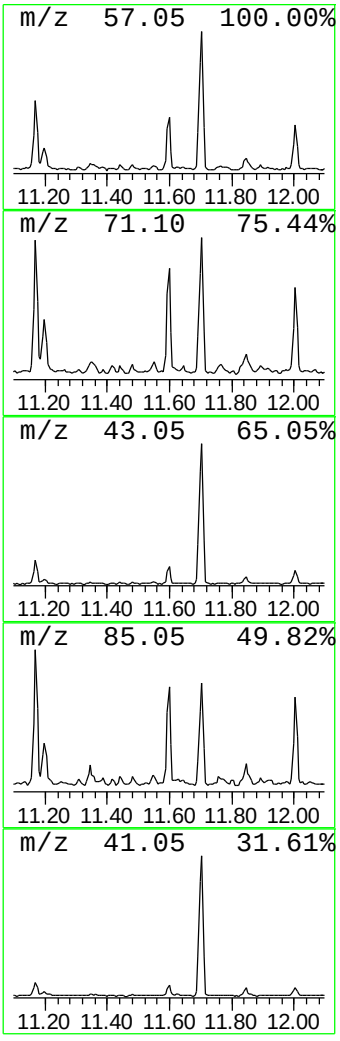
Peak Number 9 Hexacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	2.81 ng	139225	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Hexadecane	226	C16H34	000544-76-3	91





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Data File : BF104978.D
Acq On : 1 May 2018 12:48
Operator : JU/SJ
Sample : J2165-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-042718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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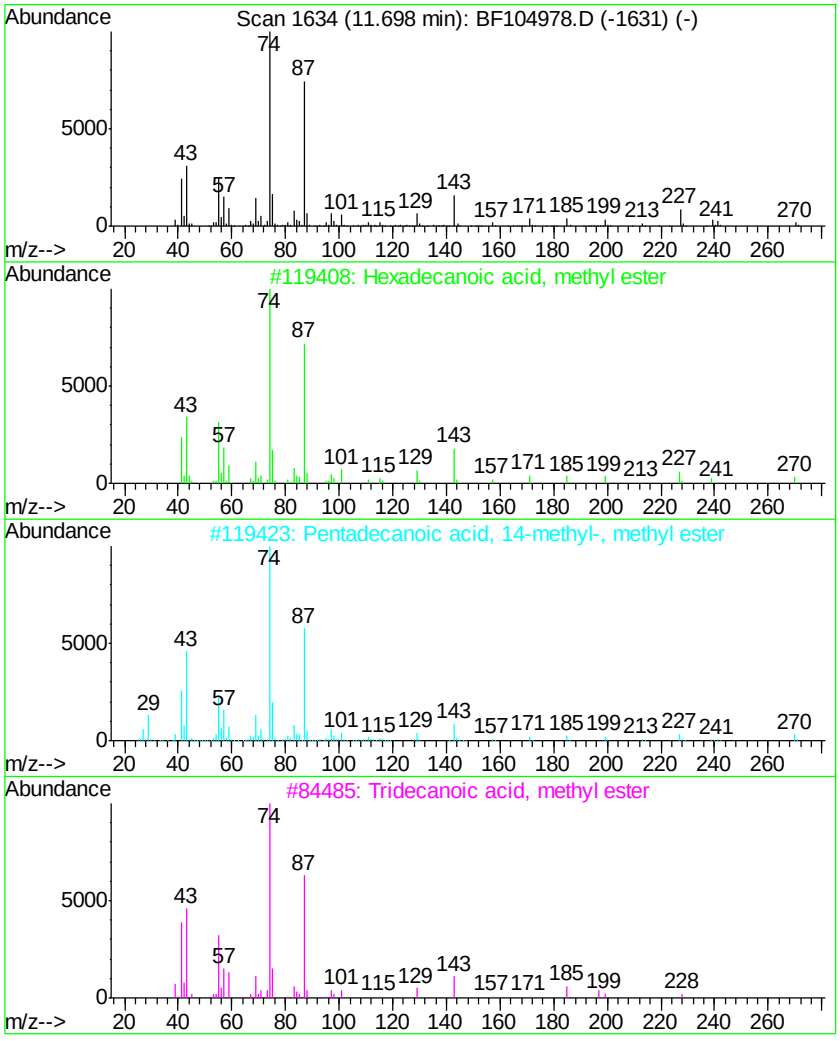
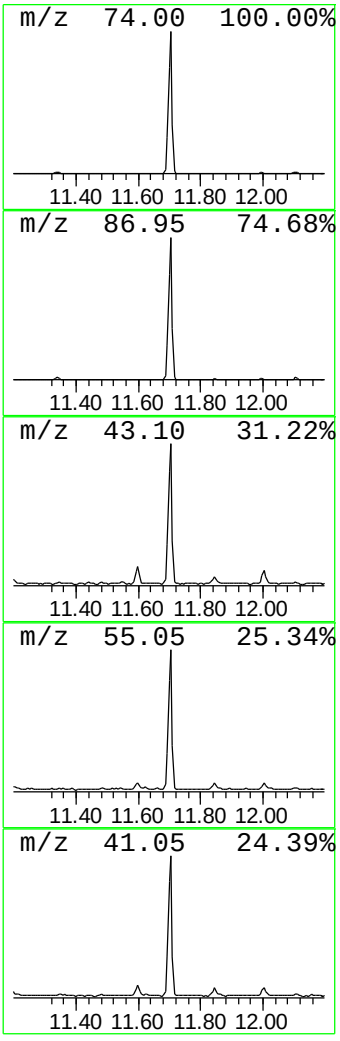
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	43.79 ng	2169960	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Library Search Compound Report

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Data File : BF104978.D
Acq On : 1 May 2018 12:48
Operator : JU/SJ
Sample : J2165-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-042718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

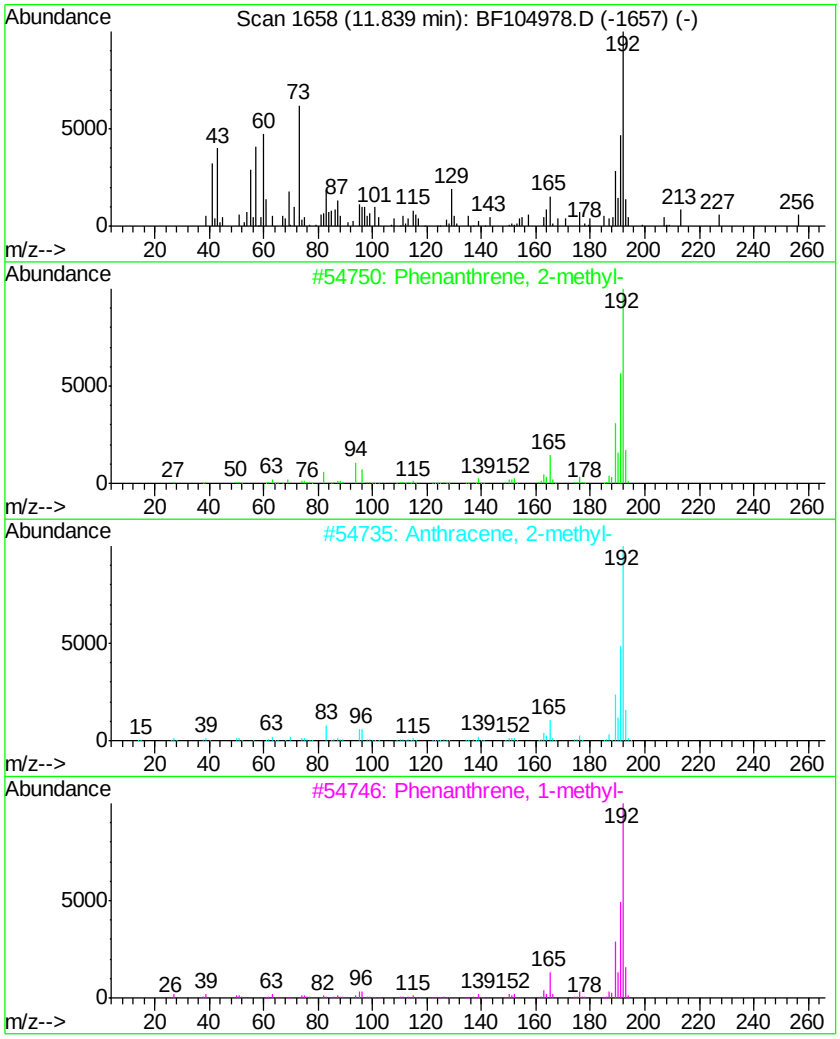
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

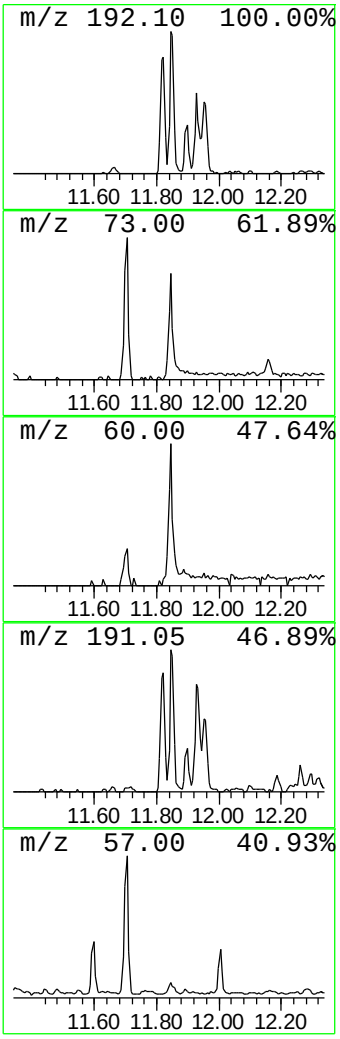
****

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	3.89 ng	192851	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Acq On : 1 May 2018 12:48
Operator : JU/SJ
Sample : J2165-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-042718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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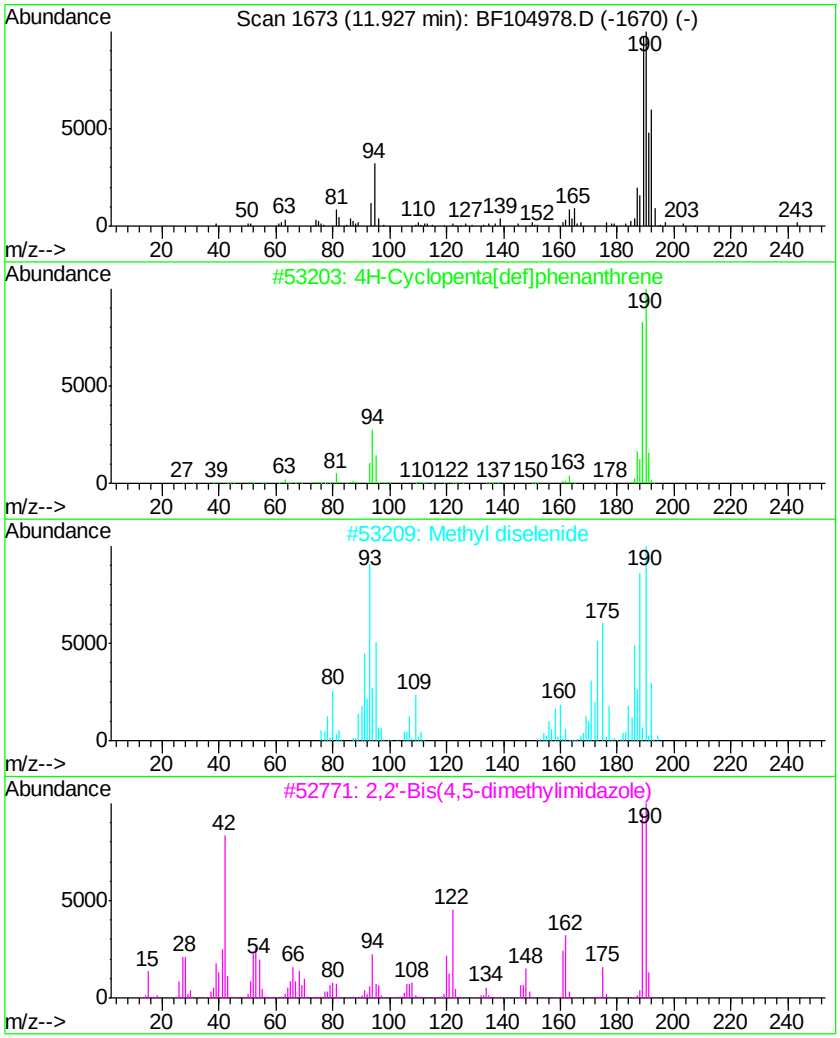
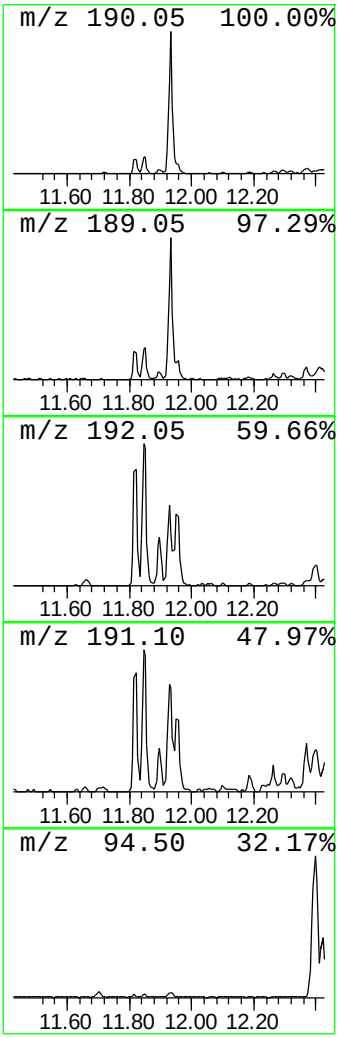
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.98 ng	147812	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Methyl diselenide	190	C2H6Se2	007101-31-7	49
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	25





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-042718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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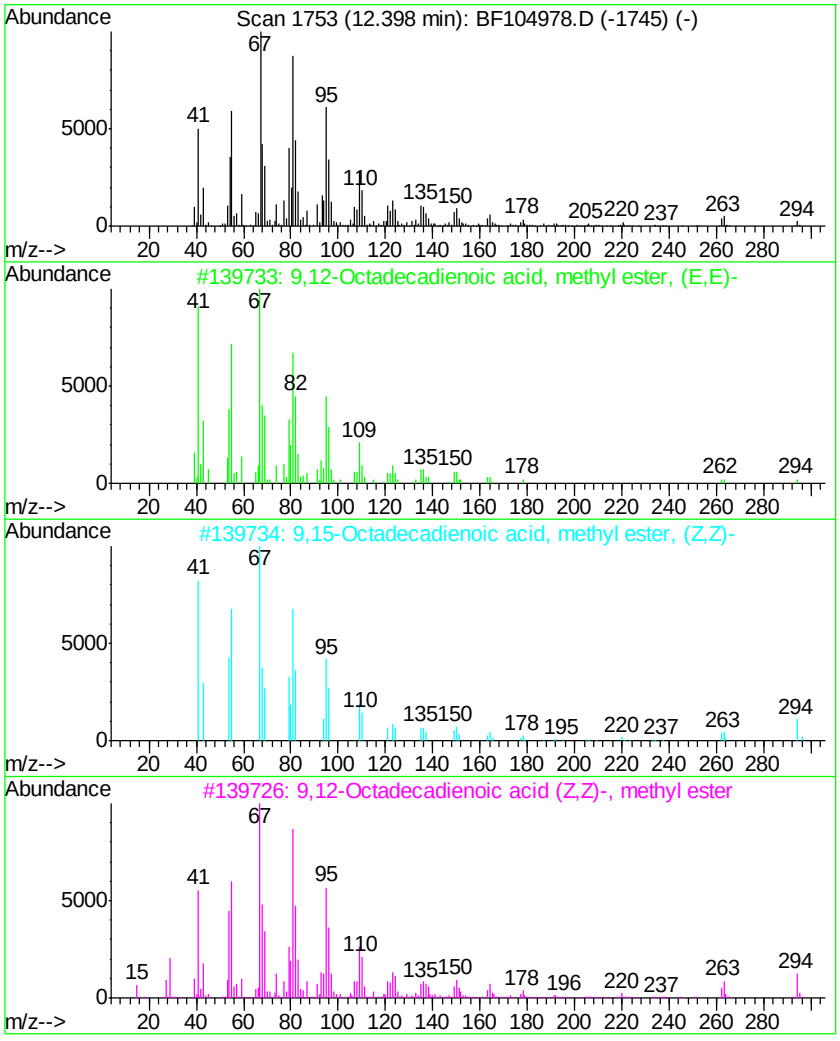
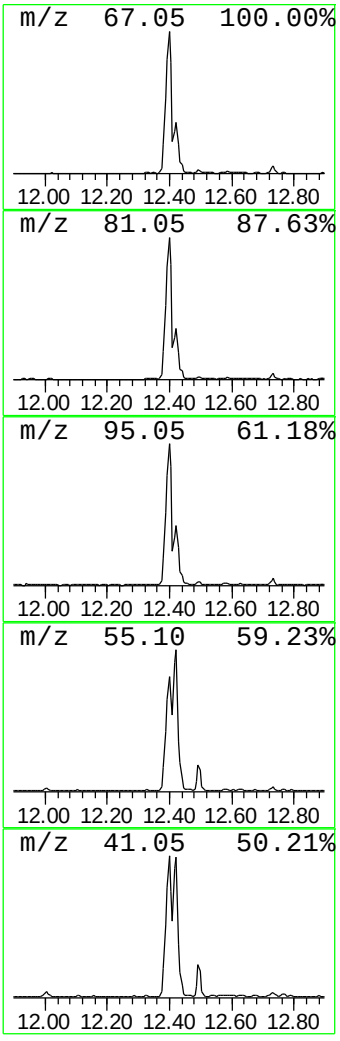
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	123.63 ng	6126370	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	97





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Operator : JU/SJ
Sample : J2165-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-042718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

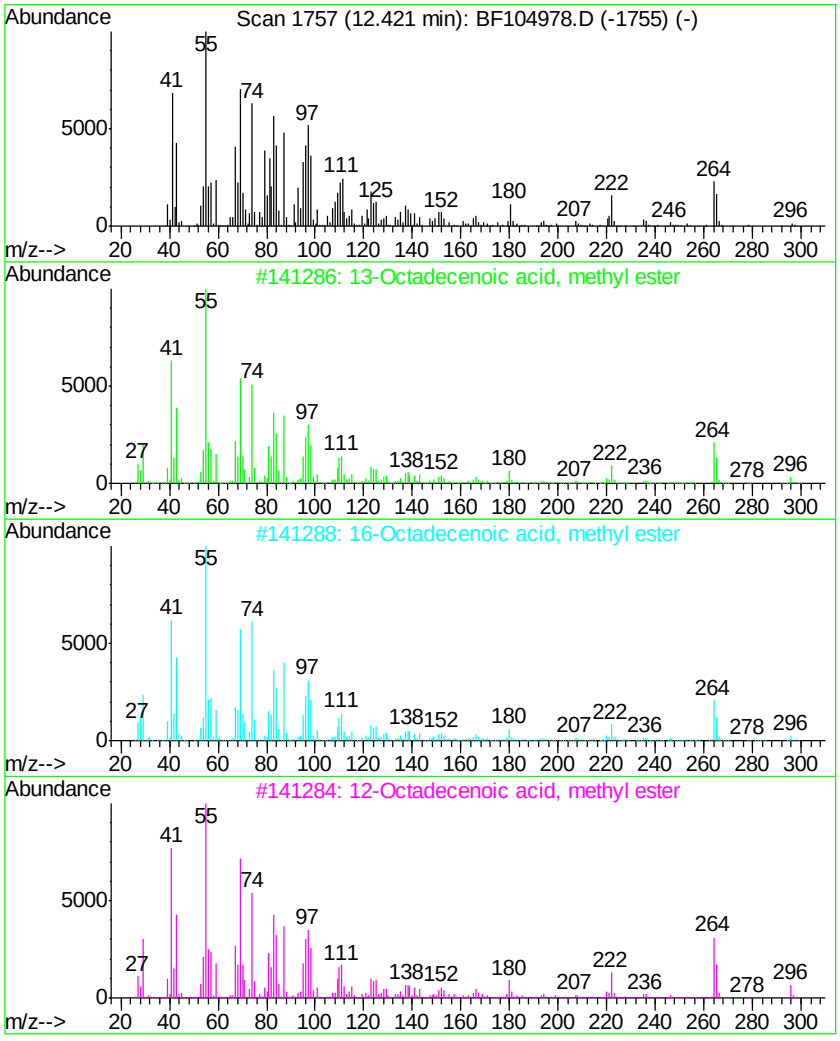
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

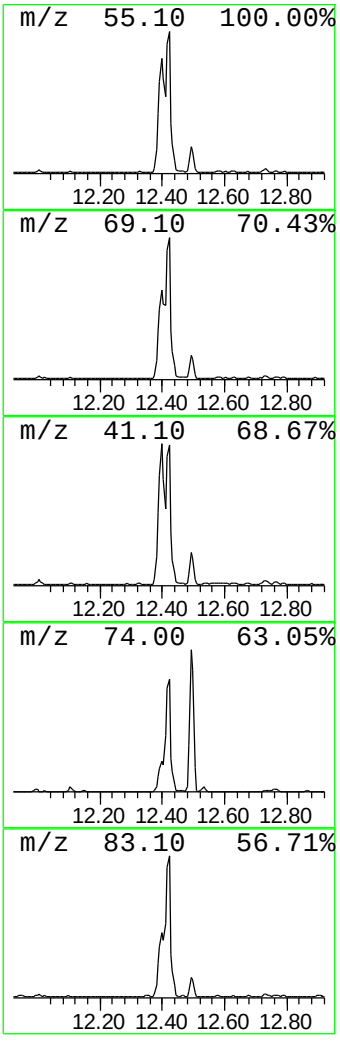
****

Peak Number 15 13-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	80.74 ng	4001120	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99





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Acq On : 1 May 2018 12:48
Operator : JU/SJ
Sample : J2165-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-042718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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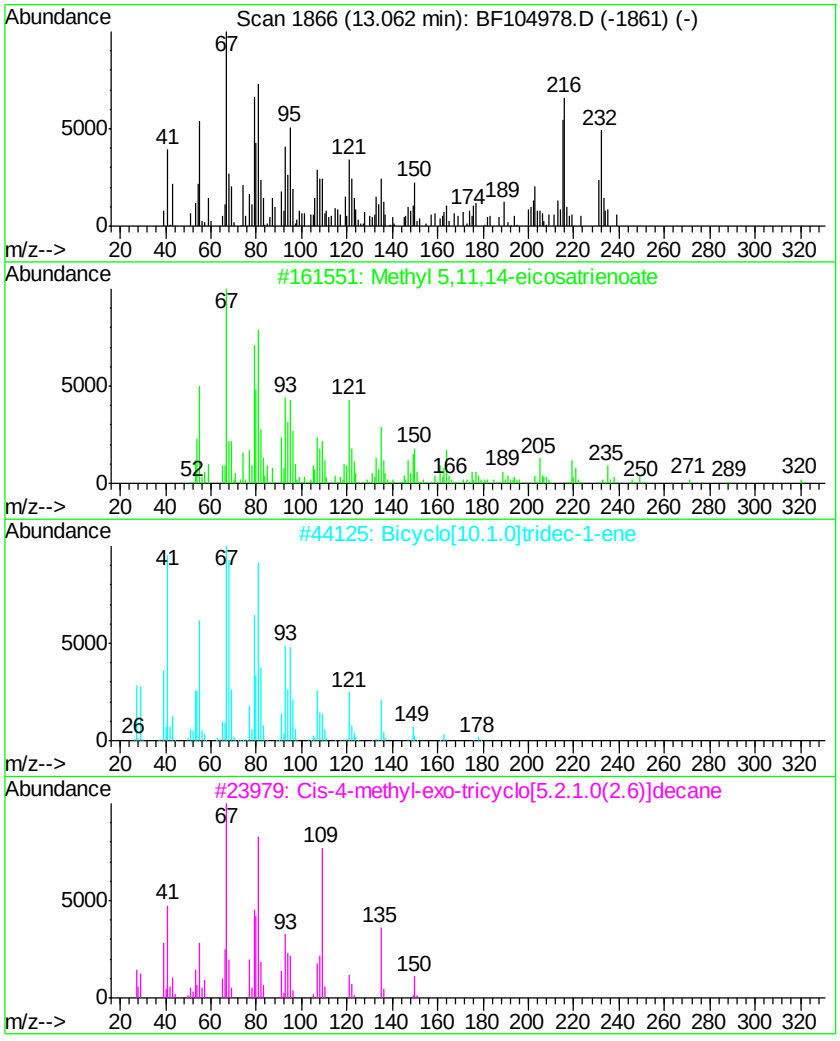
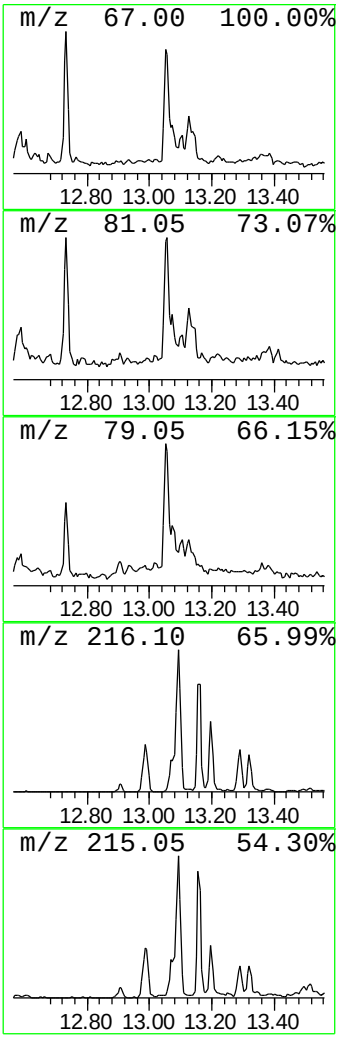
Peak Number 16 Methyl 5,11,14-eicosatrienoate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	4.68 ng	255490	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	94
2	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	93
3	Cis-4-methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-29-2	70
4	Cyclohexaneethanol, .beta.-methy...	140	C9H16O	007697-55-4	70
5	Bicyclo[4.1.0]heptane, 7-pentyl-	166	C12H22	041977-45-1	53





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Acq On : 1 May 2018 12:48
Operator : JU/SJ
Sample : J2165-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-042718

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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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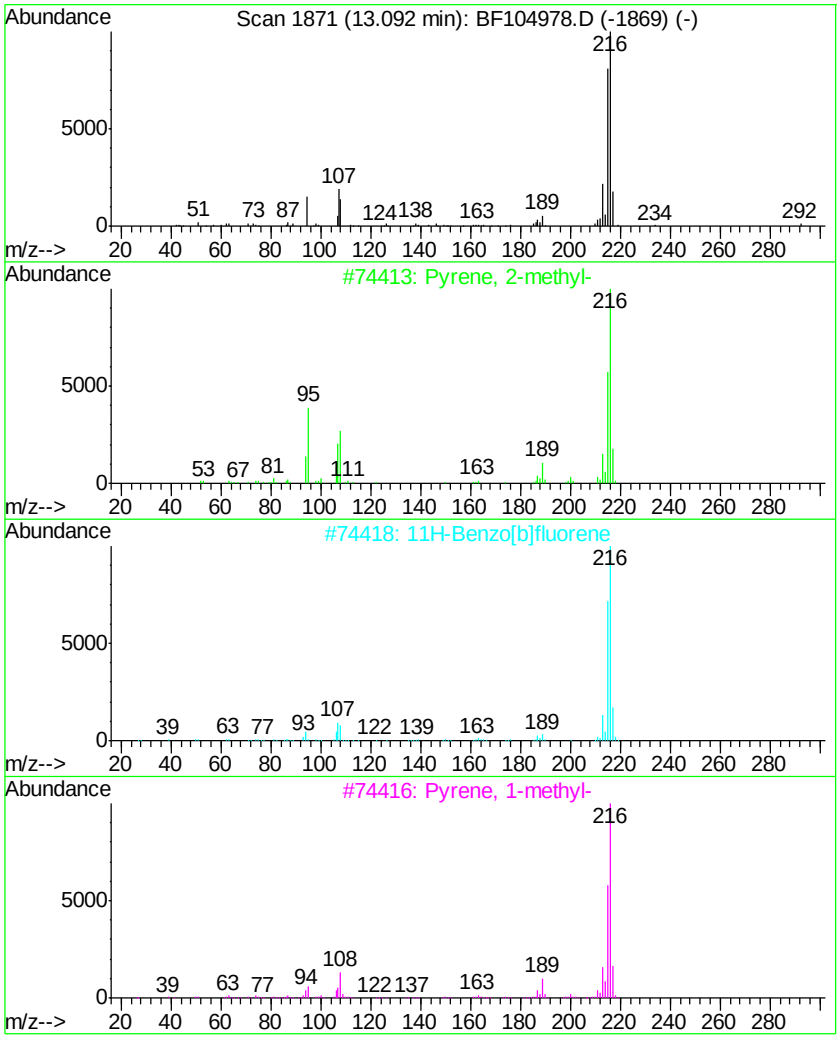
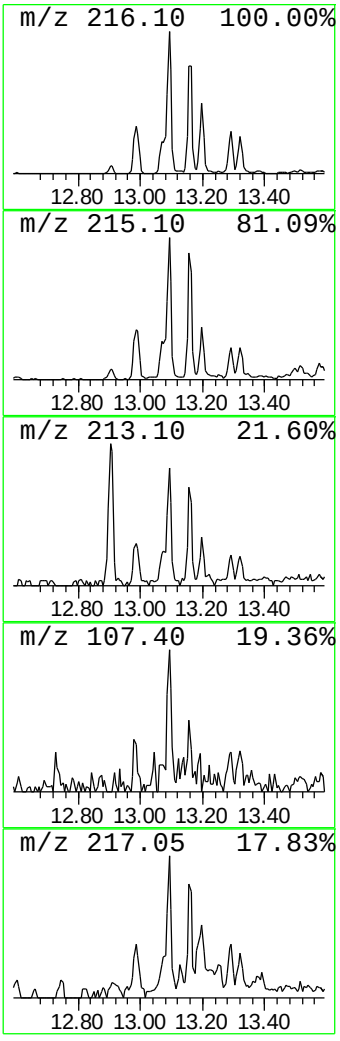
Peak Number 17 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	3.39 ng	185063	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	59





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-042718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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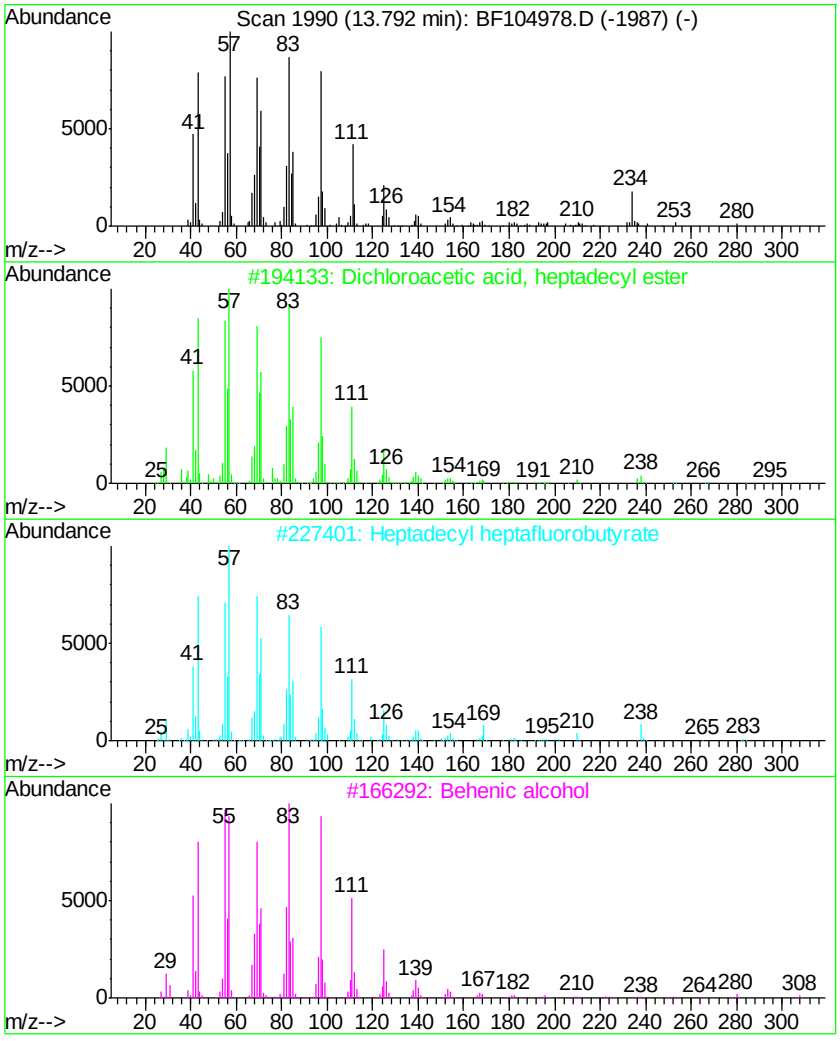
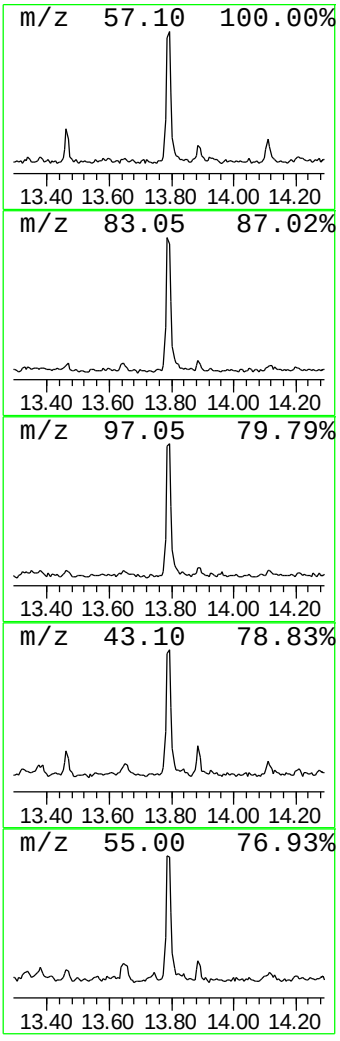
Peak Number 18 Dichloroacetic acid, heptad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	5.08 ng	276855	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





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Misc :
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Instrument : BNA_F
ClientSampleId : SU-04-042718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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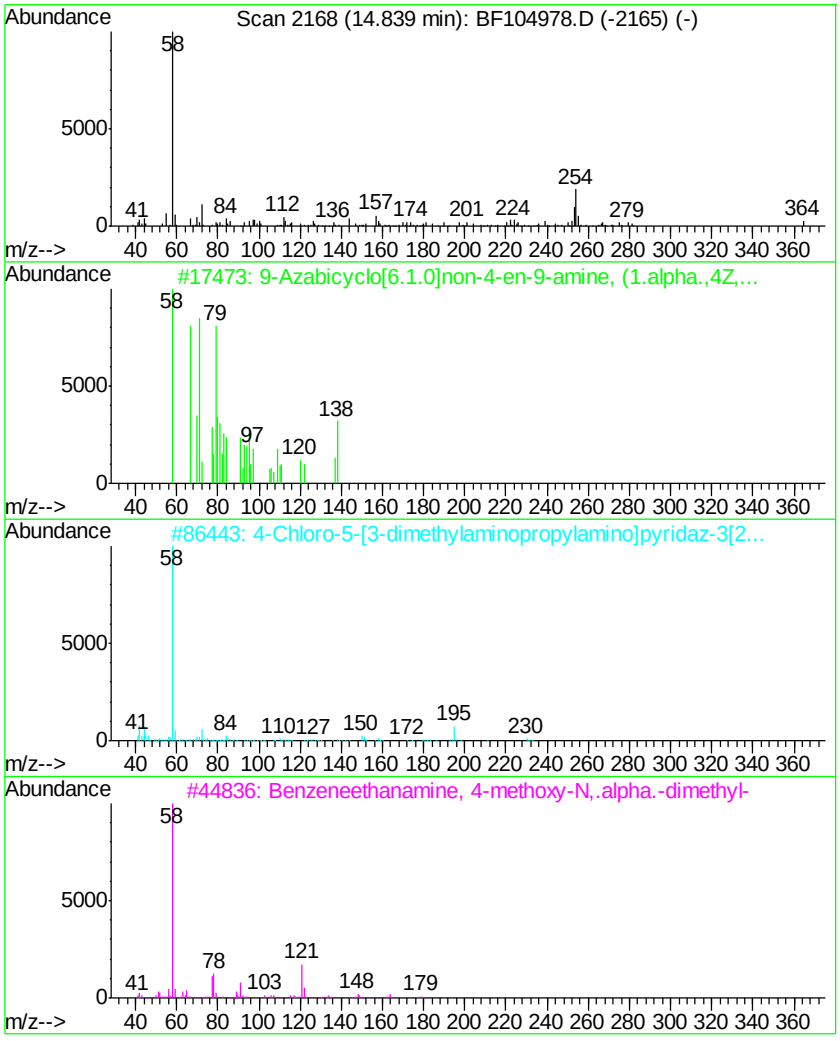
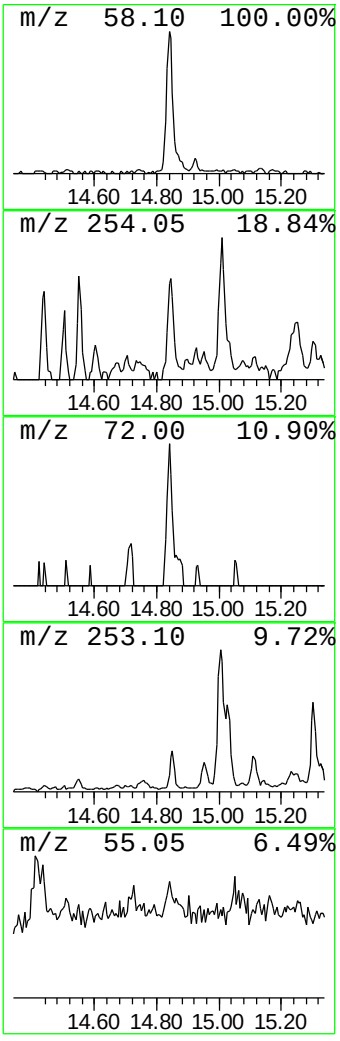
Peak Number 19 9-Azabicyclo[6.1.0]non-4-en... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.81 ng	101458	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Azabicyclo[6.1.0]non-4-en-9-am...	138	C8H14N2	066387-78-8	55
2	4-Chloro-5-[3-dimethylaminopropy...	230	C9H15ClN4O	1000256-12-4	46
3	Benzeneethanamine, 4-methoxy-N,....	179	C11H17NO	022331-70-0	43
4	N,N'-Diethyl-1,6-hexanediamine	172	C10H24N2	013093-05-5	43
5	N-ethyl-2,3-methylenedioxyphenet...	193	C11H15NO2	1000379-02-9	43





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Sample : J2165-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-042718

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

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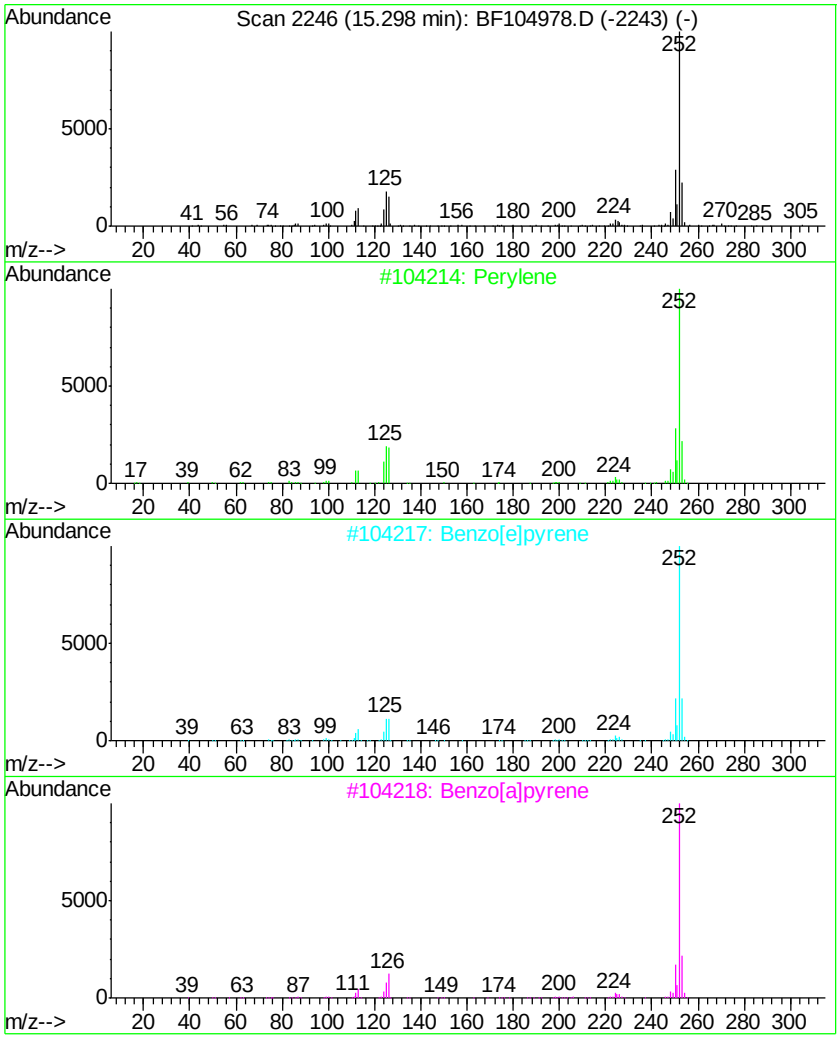
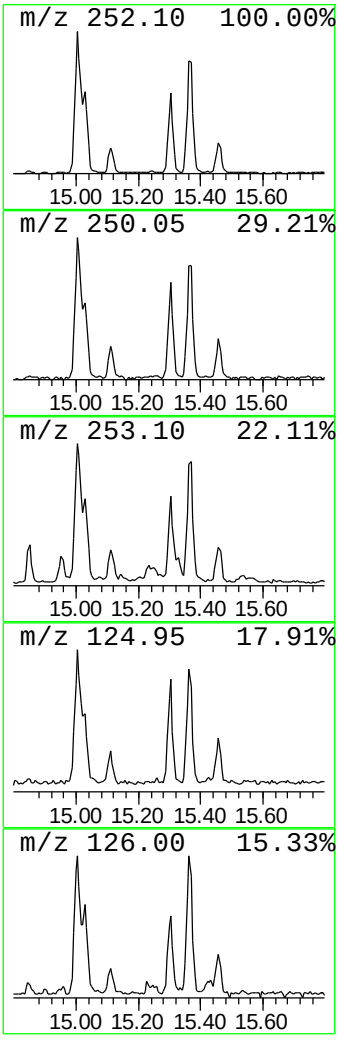
Peak Number 20 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	5.21 ng	188322	Perylene-d12	15.43

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	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

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Data File : BF104978.D
Acq On : 1 May 2018 12:48
Operator : JU/SJ
Sample : J2165-07
Misc :
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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...	5.00	3.0	ng	103378	1	6.79	697146	20.0
unknown6.56	6.56	70.4	ng	2453740	1	6.79	697146	20.0
Tetradecane	9.22	3.3	ng	178056	3	9.83	1092180	20.0
Dodecane, 2-methy...	10.25	3.9	ng	210397	3	9.83	1092180	20.0
Heptadecane	10.72	6.0	ng	294919	4	11.32	991110	20.0
Tridecane, 1-iodo-	11.17	3.3	ng	161918	4	11.32	991110	20.0
Hexacosane	11.60	2.8	ng	139225	4	11.32	991110	20.0
Hexadecanoic acid...	11.70	43.8	ng	2169960	4	11.32	991110	20.0
Phenanthrene, 2-m...	11.84	3.9	ng	192851	4	11.32	991110	20.0
4H-Cyclopenta[def...	11.93	3.0	ng	147812	4	11.32	991110	20.0
9,12-Octadecadien...	12.40	123.6	ng	6126370	4	11.32	991110	20.0
13-Octadecenoic a...	12.42	80.7	ng	4001120	4	11.32	991110	20.0
Methyl 5,11,14-ei...	13.06	4.7	ng	255490	5	13.96	1090700	20.0
Pyrene, 2-methyl-	13.09	3.4	ng	185063	5	13.96	1090700	20.0
Dichloroacetic ac...	13.79	5.1	ng	276855	5	13.96	1090700	20.0
9-Azabicyclo[6.1....	14.84	2.8	ng	101458	6	15.43	722955	20.0
Perylene	15.30	5.2	ng	188322	6	15.43	722955	20.0