LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097798.D
Acq On : 17 Aug 2017 20:55
Operator : SJ/JU
Sample : I4815-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081517-A

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-BF081517.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	4.963	486	489	498	rVB	249901	265548	4.68%	0.708%
2	5.375	555	559	563	rVB	2137506	2078830	36.64%	5.545%
3	6.404	729	734	737	rBV	2228552	2085102	36.75%	5.562%
4	6.540	753	757	761	rBV	2236099	2036547	35.89%	5.432%
5	6.775	793	797	800	rBV	1109028	862354	15.20%	2.300%
6	6.934	820	824	827	rBV	1621343	1498115	26.40%	3.996%
7	7.334	887	892	895	rBV	1388833	1218852	21.48%	3.251%
8	8.057	1011	1015	1018	rBV	1261597	1028062	18.12%	2.742%
9	9.134	1194	1198	1201	rBV	2182453	1722310	30.35%	4.594%
10	9.528	1262	1265	1269	rBV	285912	243906	4.30%	0.651%
11	9.669	1286	1289	1294	rBV	141761	122434	2.16%	0.327%
12	9.810	1307	1313	1317	rBV2	1041492	897577	15.82%	2.394%
13	10.592	1442	1446	1450	rBV	918027	859411	15.15%	2.292%
14	10.722	1465	1468	1474	rBV3	71602	83299	1.47%	0.222%
15	10.828	1480	1486	1488	rBV	90642	74233	1.31%	0.198%
16	11.292	1562	1565	1568	rBV	901088	761489	13.42%	2.031%
17	11.316	1568	1569	1572	rVB	118420	68686	1.21%	0.183%
18	11.369	1574	1578	1581	rVB	91418	78376	1.38%	0.209%
19	11.622	1619	1621	1625	rVB	154643	121277	2.14%	0.323%
20	11.698	1630	1634	1637	rBV	3130267	2637133	46.48%	7.034%
21	11.904	1665	1669	1672	rBV2	85600	99783	1.76%	0.266%
22	12.022	1679	1689	1692	rBV5	45679	106058	1.87%	0.283%
23	12.104	1698	1703	1710	rVB4	63270	99533	1.75%	0.265%
24	12.345	1741	1744	1746	rBV	59643	60437	1.07%	0.161%
25	12.386	1747	1751	1753	rVV	4666221	5231537	92.20%	13.954%
26	12.410	1753	1755	1761	rVV	5253029	5674132	100.00%	15.135%
27	12.492	1765	1769	1774	rVB2	1649387	1704404	30.04%	4.546%
28	12.733	1804	1810	1813	rBV	432775	478243	8.43%	1.276%
29	12.775	1814	1817	1823	rVB6	57055	114713	2.02%	0.306%
30	12.880	1831	1835	1841	rBV	1499072	1308718	23.06%	3.491%
31	12.951	1845	1847	1855	rVB4	53699	118486	2.09%	0.316%
32	13.063	1863	1866	1869	rBV2	96451	117526	2.07%	0.313%
33	13.133	1873	1878	1881	rBV3	151357	216280	3.81%	0.577%
34	13.216	1889	1892	1893	rBV	125409	106380	1.87%	0.284%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I4815-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081517-A

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.280	1900	1903	1907	rVB3	63148	80801	1.42%	0.216%
36	13.322	1908	1910	1914	rVB4	65587	73108	1.29%	0.195%
37	13.633	1960	1963	1967	rVB3	150882	213383	3.76%	0.569%
38	13.786	1986	1989	1998	rVB5	118488	172991	3.05%	0.461%
39	13.886	2003	2006	2008	rBV	106686	90805	1.60%	0.242%
40	13.927	2008	2013	2016	rBV2	970268	1134808	20.00%	3.027%
41	13.951	2016	2017	2020	rVB	235579	166292	2.93%	0.444%
42	14.951	2184	2187	2197	rVB	266611	483512	8.52%	1.290%
43	15.239	2234	2236	2241	rVB	182071	191813	3.38%	0.512%
44	15.298	2243	2246	2250	rBV	210294	242599	4.28%	0.647%
45	15.363	2253	2257	2260	rBV	418021	461010	8.12%	1.230%

Sum of corrected areas: 37490893

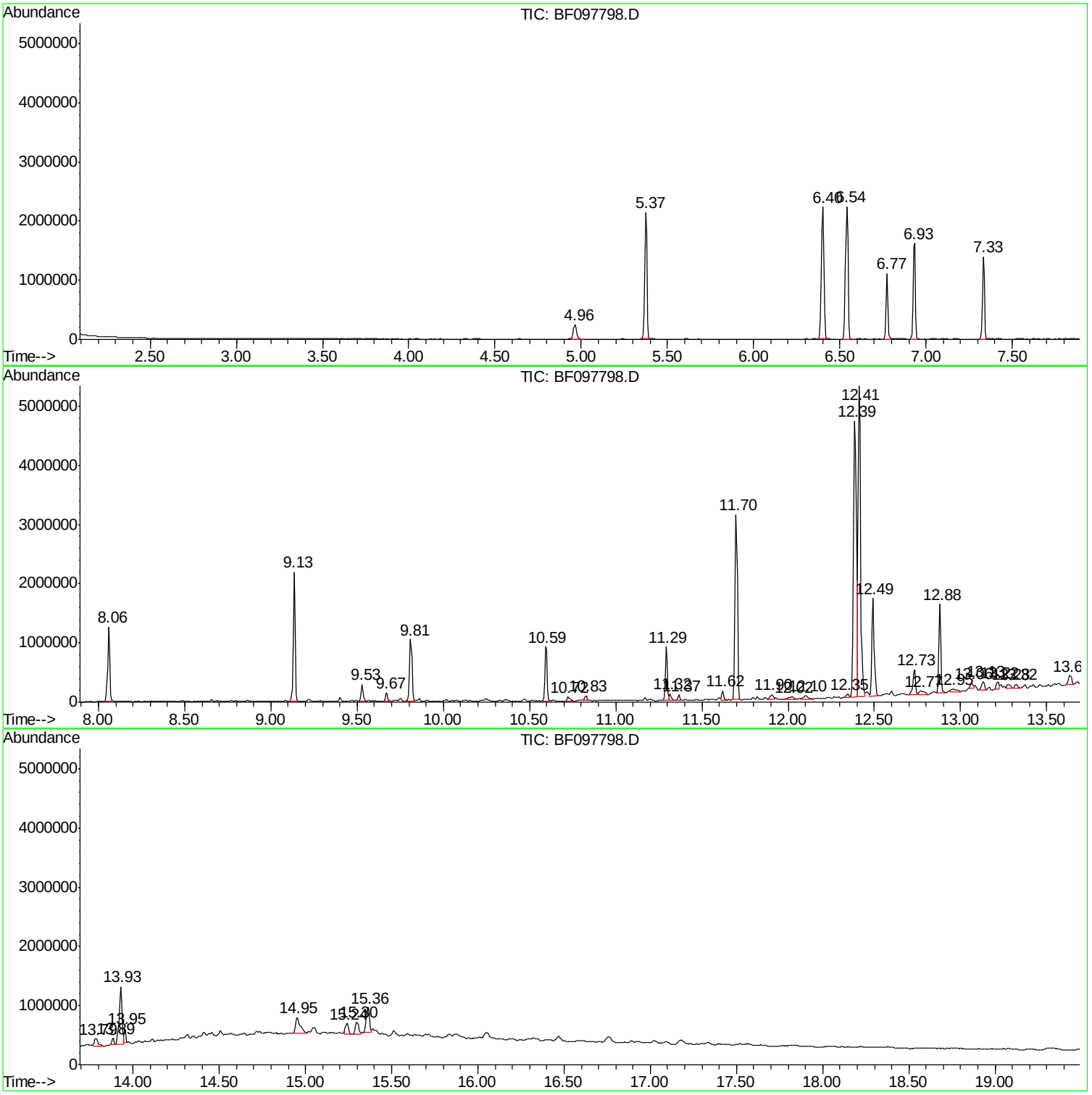
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097798.D
Acq On : 17 Aug 2017 20:55
Operator : SJ/JU
Sample : I4815-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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\BF081717\
Data File : BF097798.D
Acq On : 17 Aug 2017 20:55
Operator : SJ/JU
Sample : I4815-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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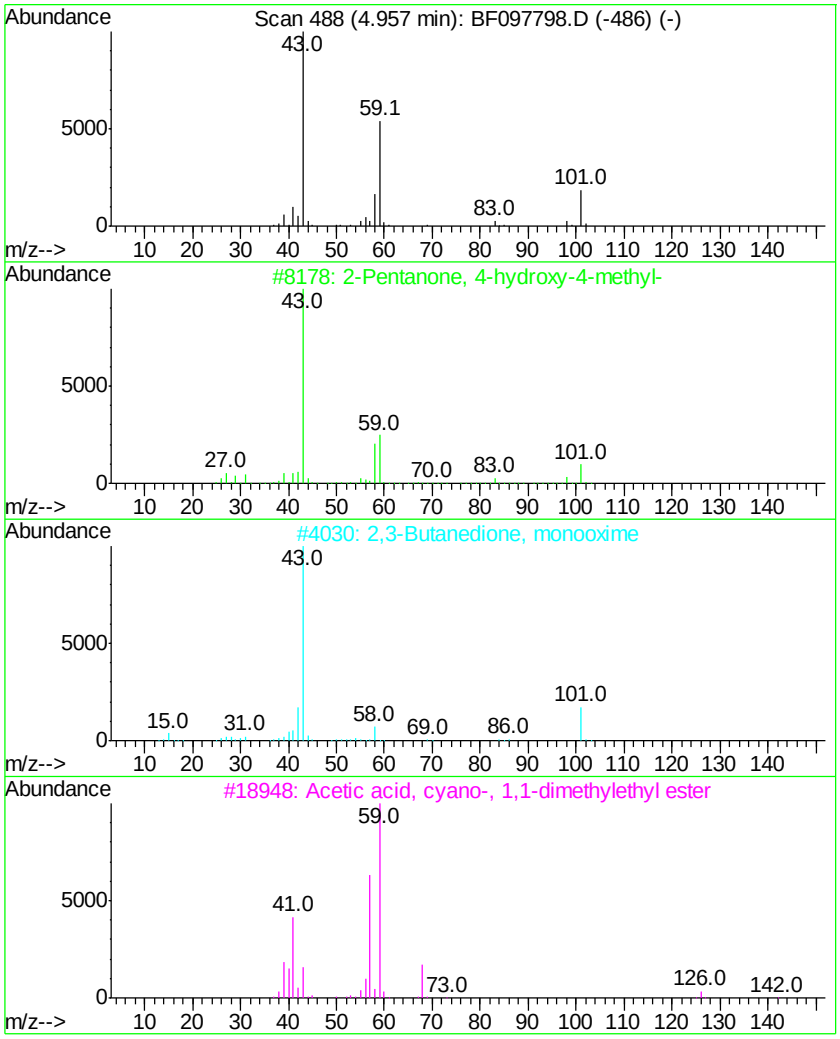
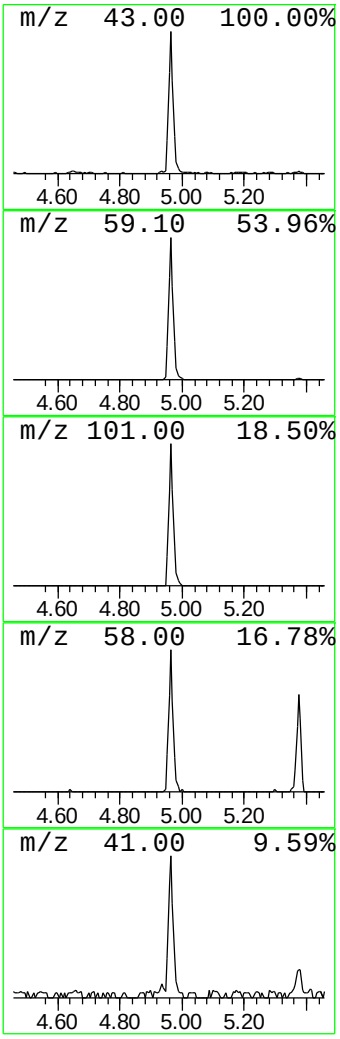
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	6.16 ng	265548	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097798.D
Acq On : 17 Aug 2017 20:55
Operator : SJ/JU
Sample : I4815-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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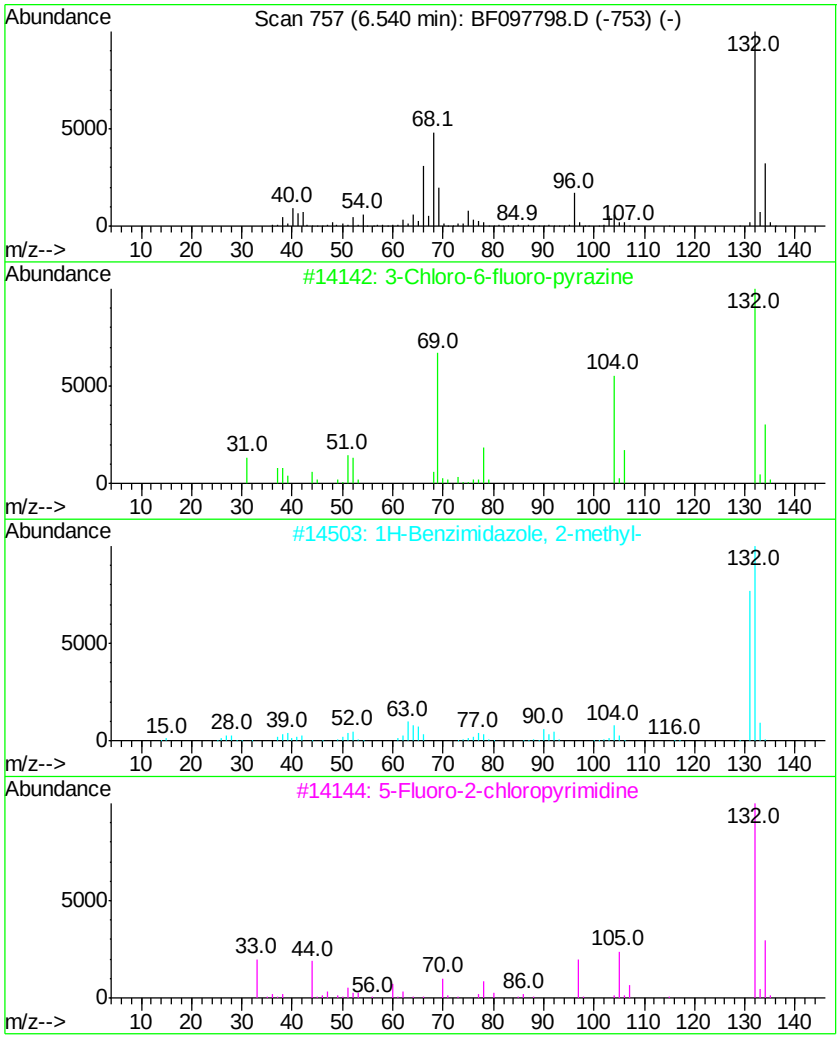
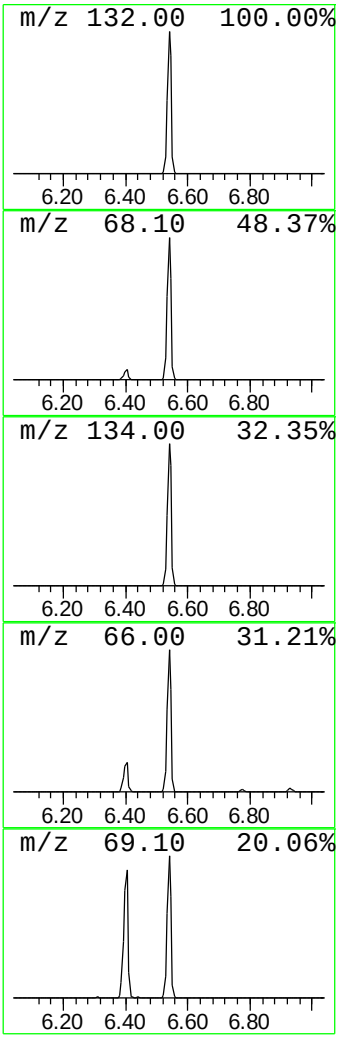
Peak Number 2 unknown6.54 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	47.23 ng	2036550	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097798.D
Acq On : 17 Aug 2017 20:55
Operator : SJ/JU
Sample : I4815-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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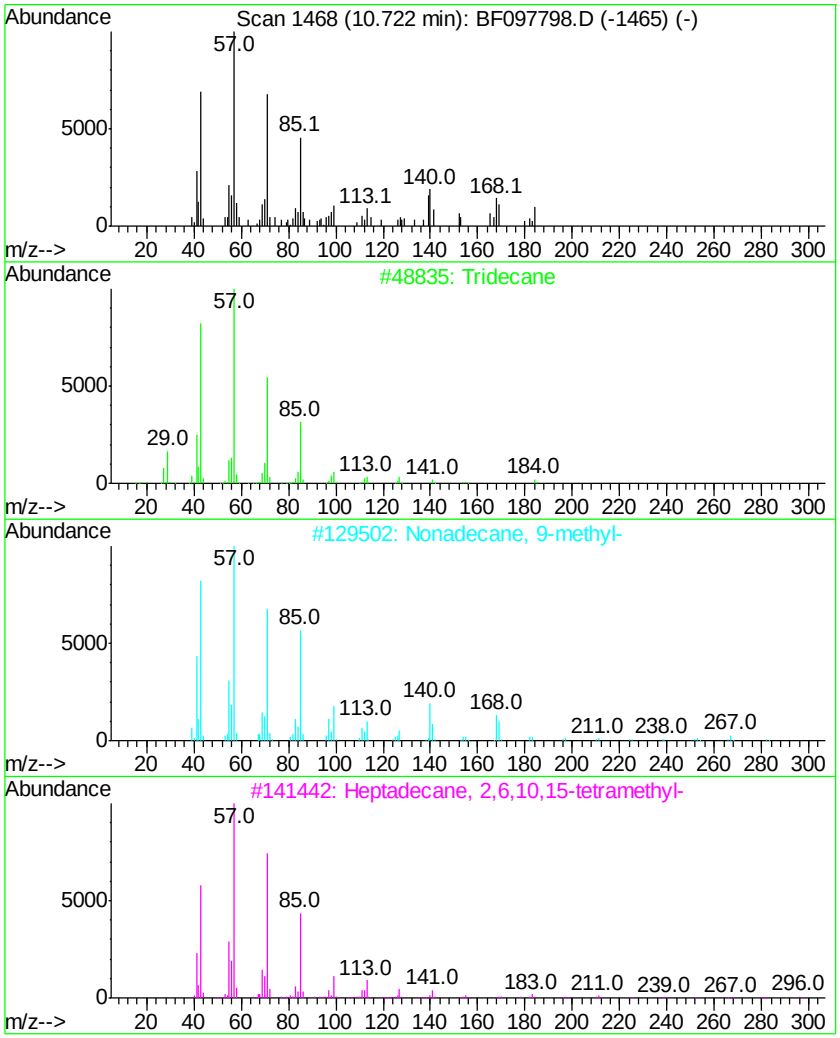
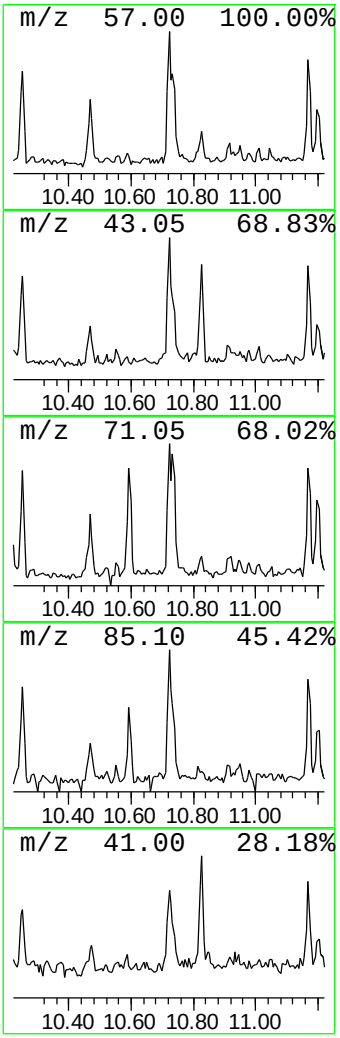
Peak Number 4 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	2.19 ng	83299	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	68
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	58
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097798.D
Acq On : 17 Aug 2017 20:55
Operator : SJ/JU
Sample : I4815-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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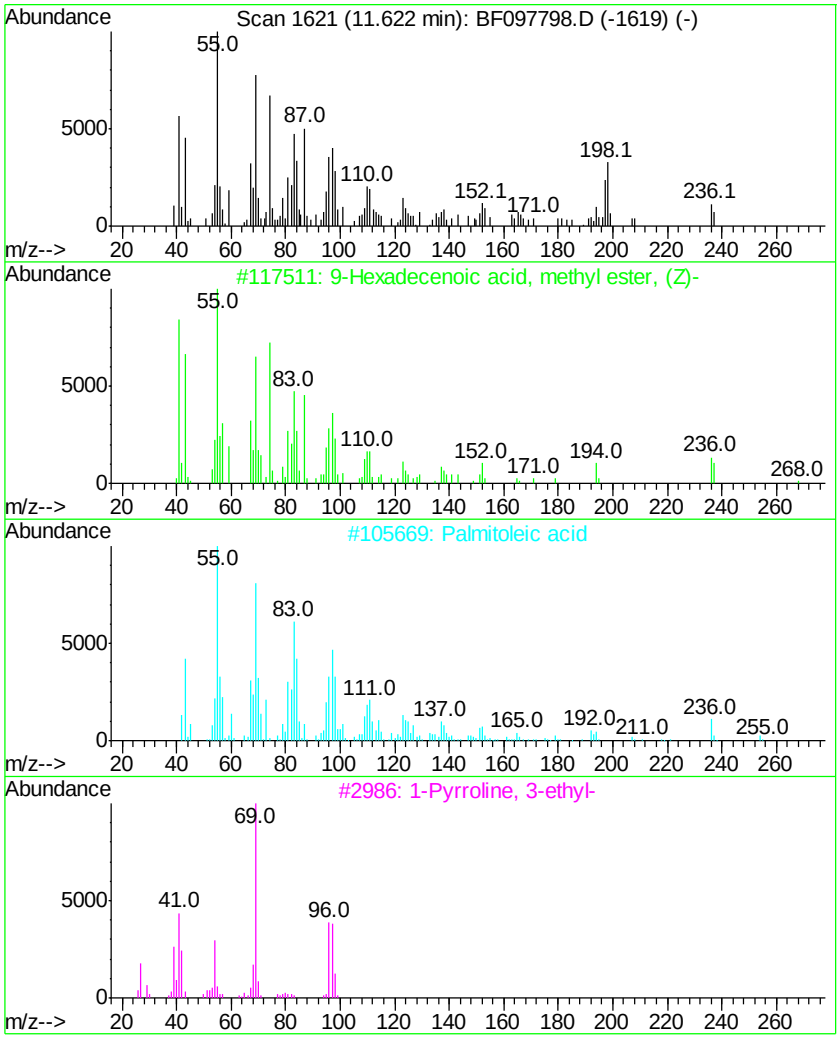
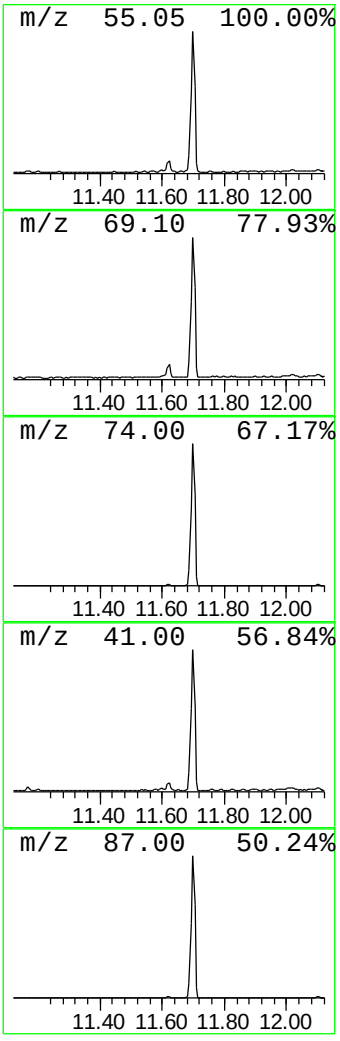
Peak Number 6 9-Hexadecenoic acid, methyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	3.19 ng	121277	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	55
2	Palmitoleic acid	254	C16H30O2	000373-49-9	49
3	1-Pyrroline, 3-ethyl-	97	C6H11N	1000073-06-0	38
4	4-Methyl-dodec-3-en-1-ol	198	C13H26O	1000192-41-0	38
5	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097798.D
Acq On : 17 Aug 2017 20:55
Operator : SJ/JU
Sample : I4815-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

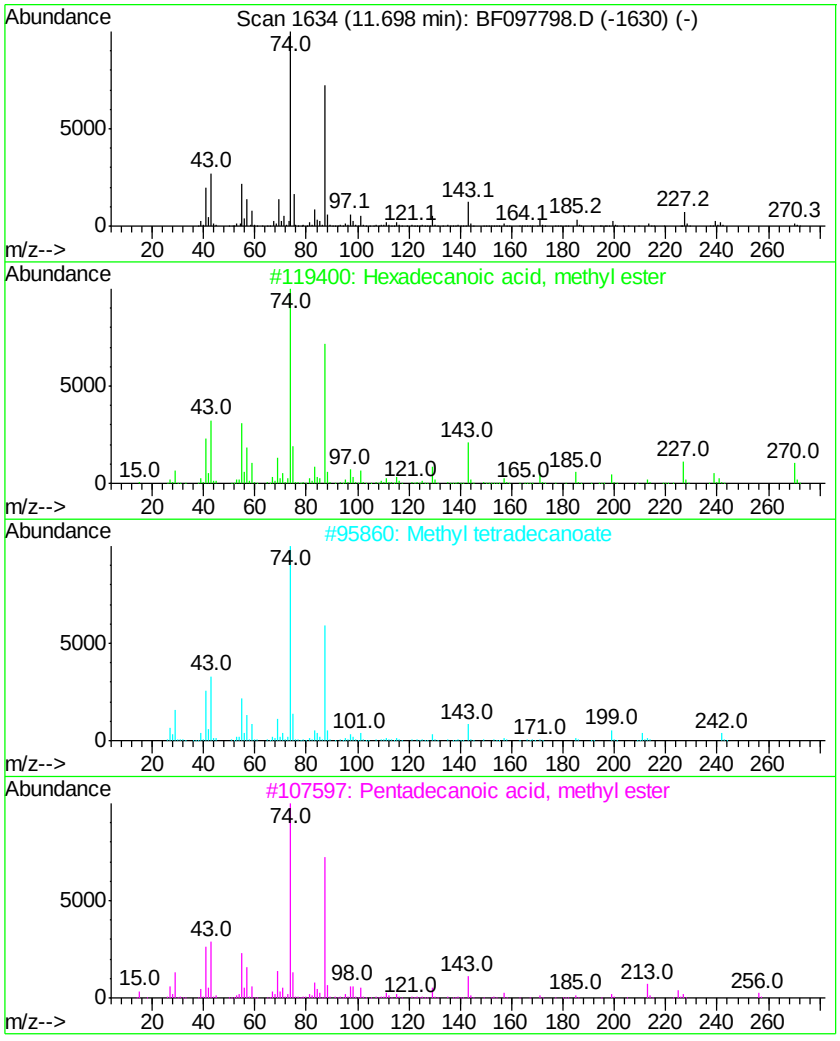
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

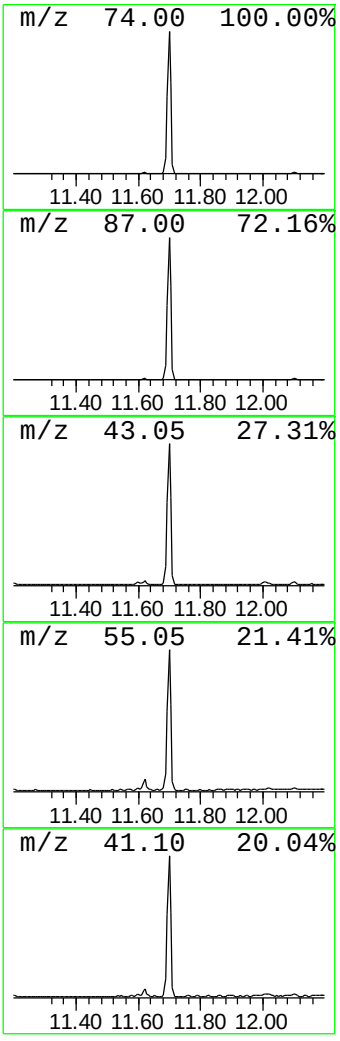
****

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	69.26 ng	2637130	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	87





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Data File : BF097798.D
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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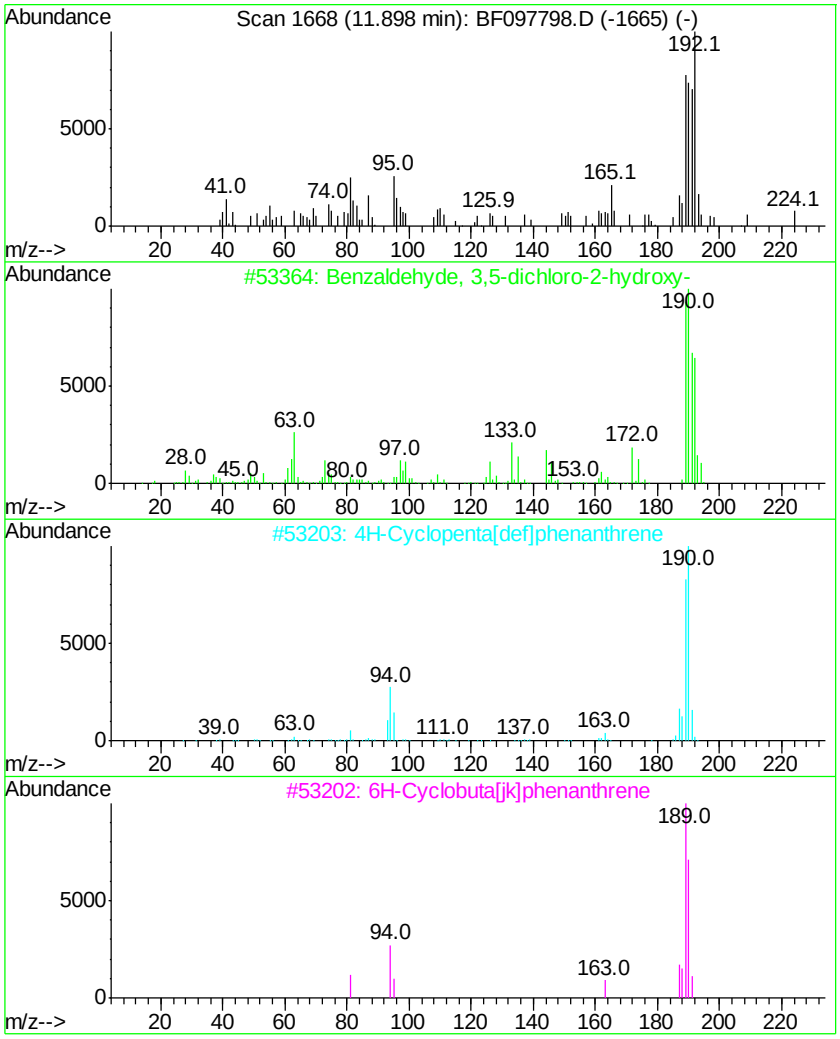
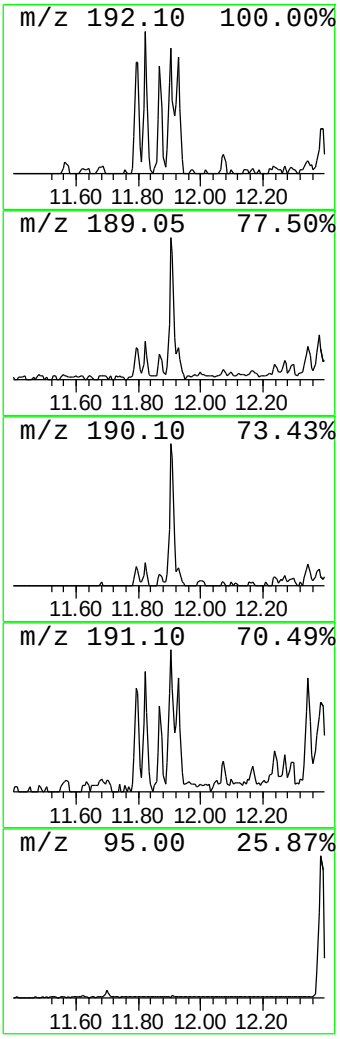
Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.62 ng	99783	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	30





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Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

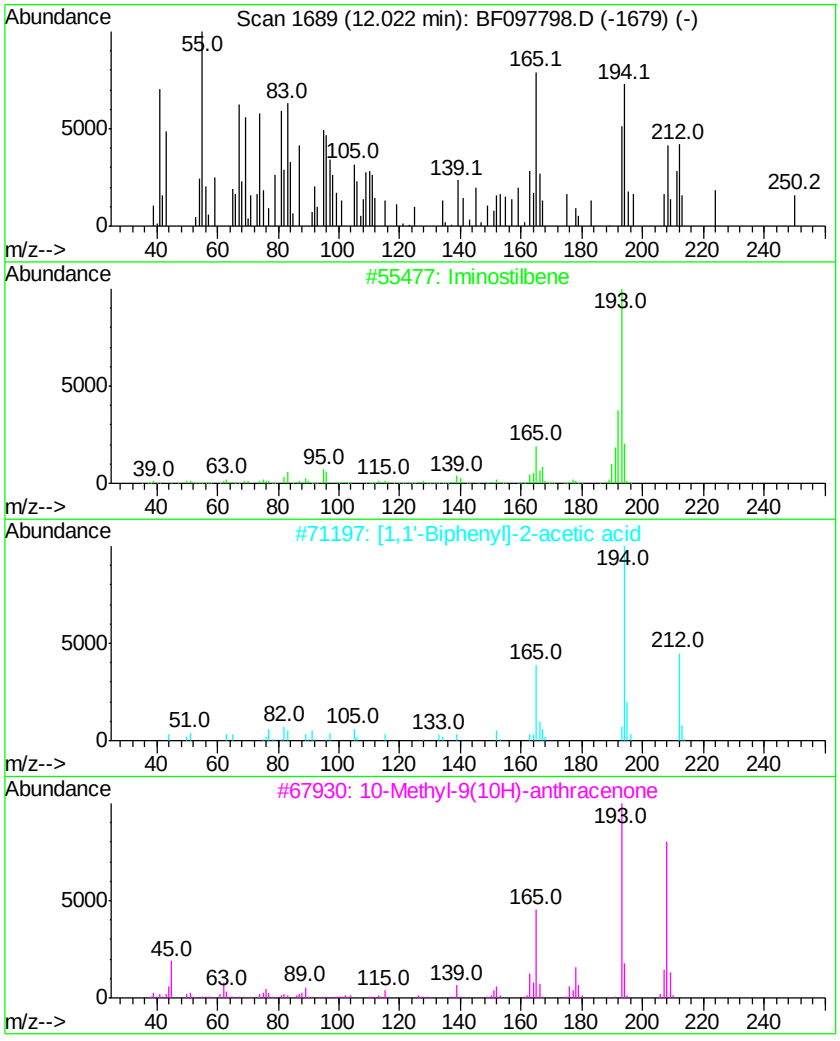
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

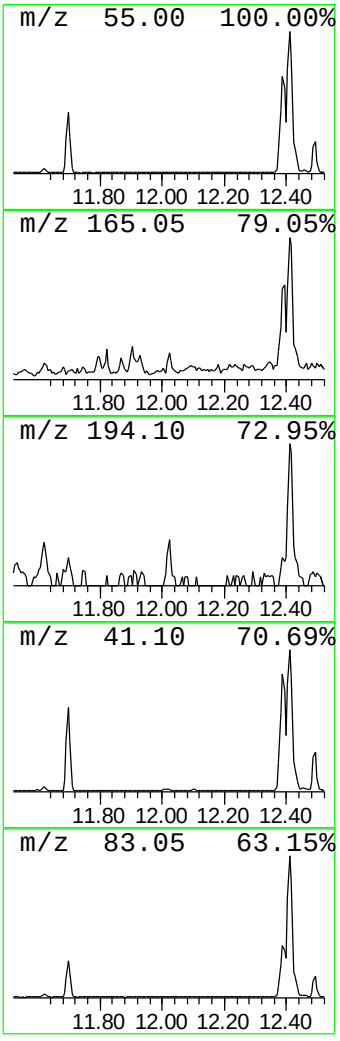
****

Peak Number 9 unknown12.02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.79 ng	106058	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Iminostilbene	193	C14H11N	000256-96-2	43
2	[1,1'-Biphenyl]-2-acetic acid	212	C14H12O2	014676-52-9	42
3	10-Methyl-9(10H)-anthracenone	208	C15H12O	073653-01-7	27
4	13-Borabicyclo[7.3.0]tridecane, ...	250	C16H31BO	1000156-41-8	25
5	1(3H)-Isobenzofuranone, 6,7-dime...	194	C10H10O4	000569-31-3	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097798.D
Acq On : 17 Aug 2017 20:55
Operator : SJ/JU
Sample : I4815-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

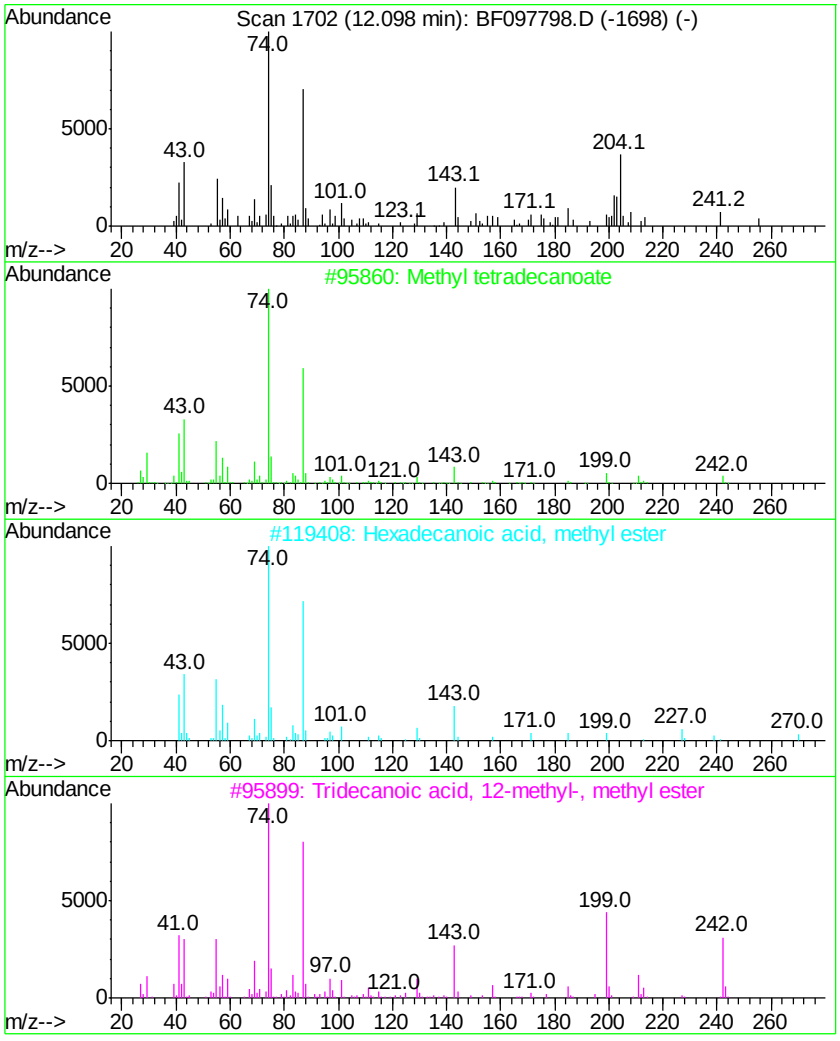
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

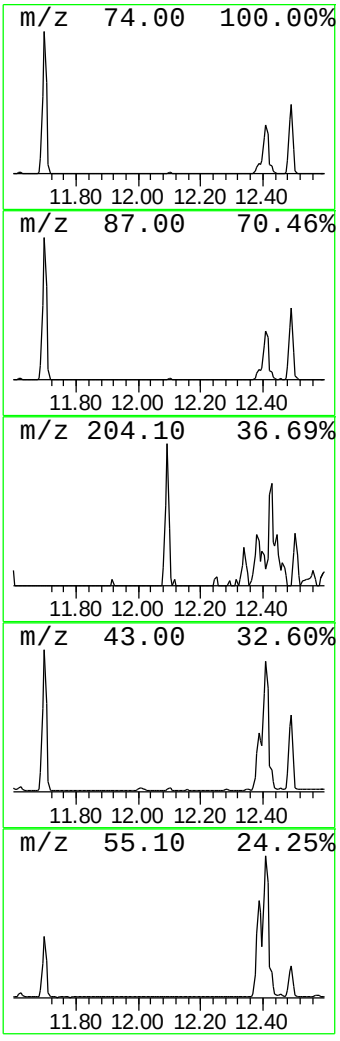
****

Peak Number 10 Methyl tetradecanoate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.61 ng	99533	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	62
3	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	58
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	58
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	58





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Data File : BF097798.D
Acq On : 17 Aug 2017 20:55
Operator : SJ/JU
Sample : I4815-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

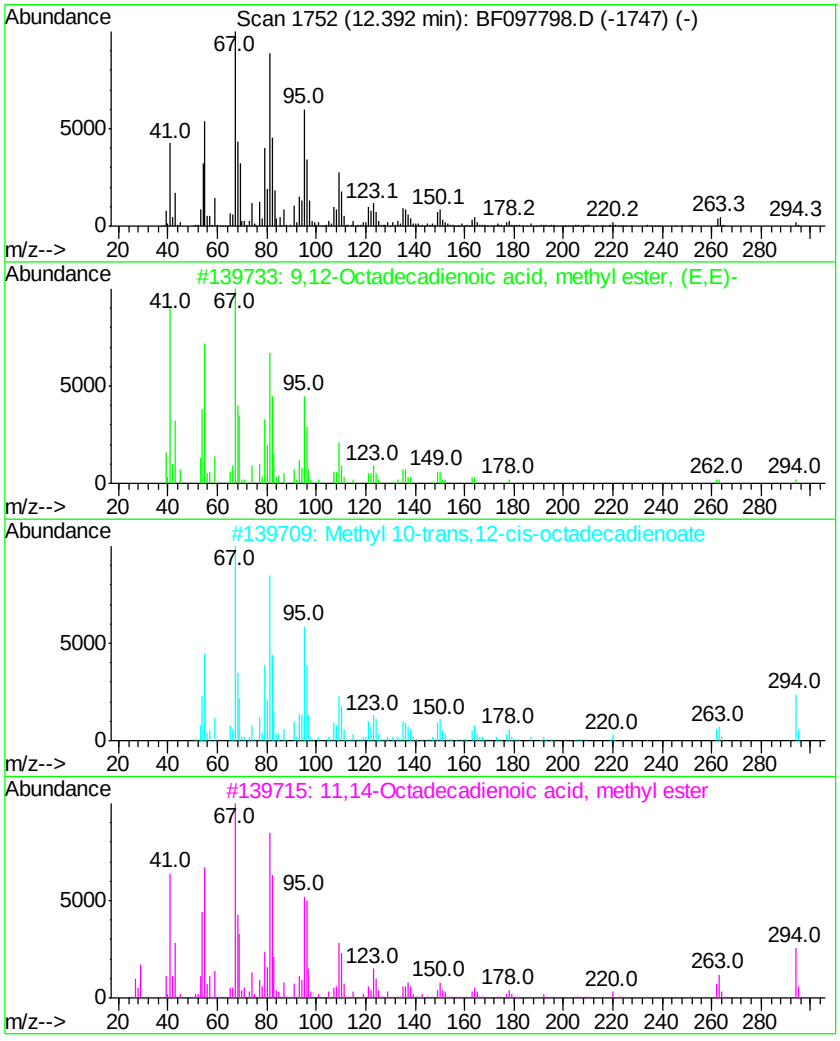
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

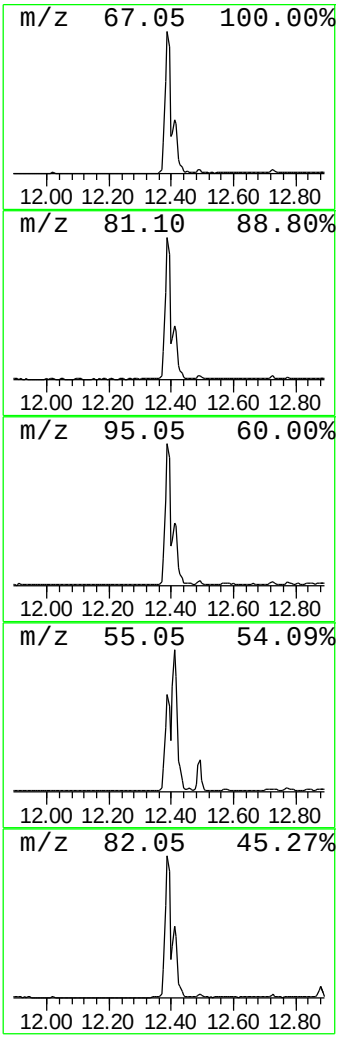
****

Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	137.40 ng	5231540	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
3	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	97





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Operator : SJ/JU
Sample : I4815-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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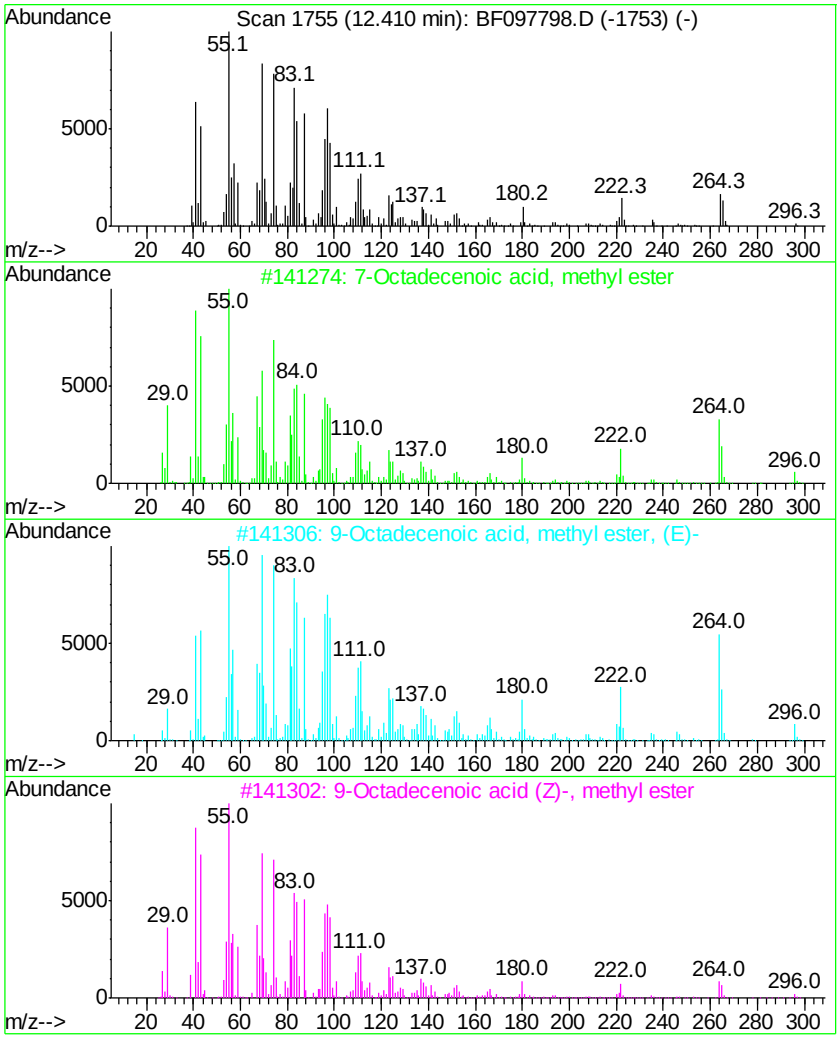
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

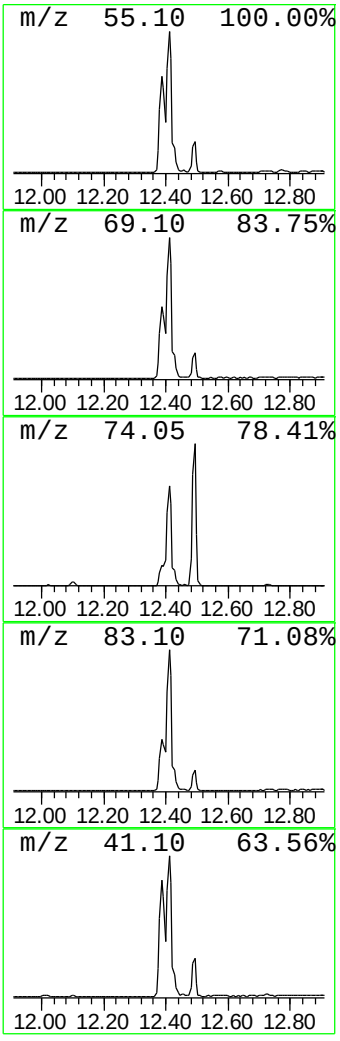
****

Peak Number 12 7-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	149.03 ng	5674130	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	95
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	83
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	76





Library Search Compound Report

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Data File : BF097798.D
Acq On : 17 Aug 2017 20:55
Operator : SJ/JU
Sample : I4815-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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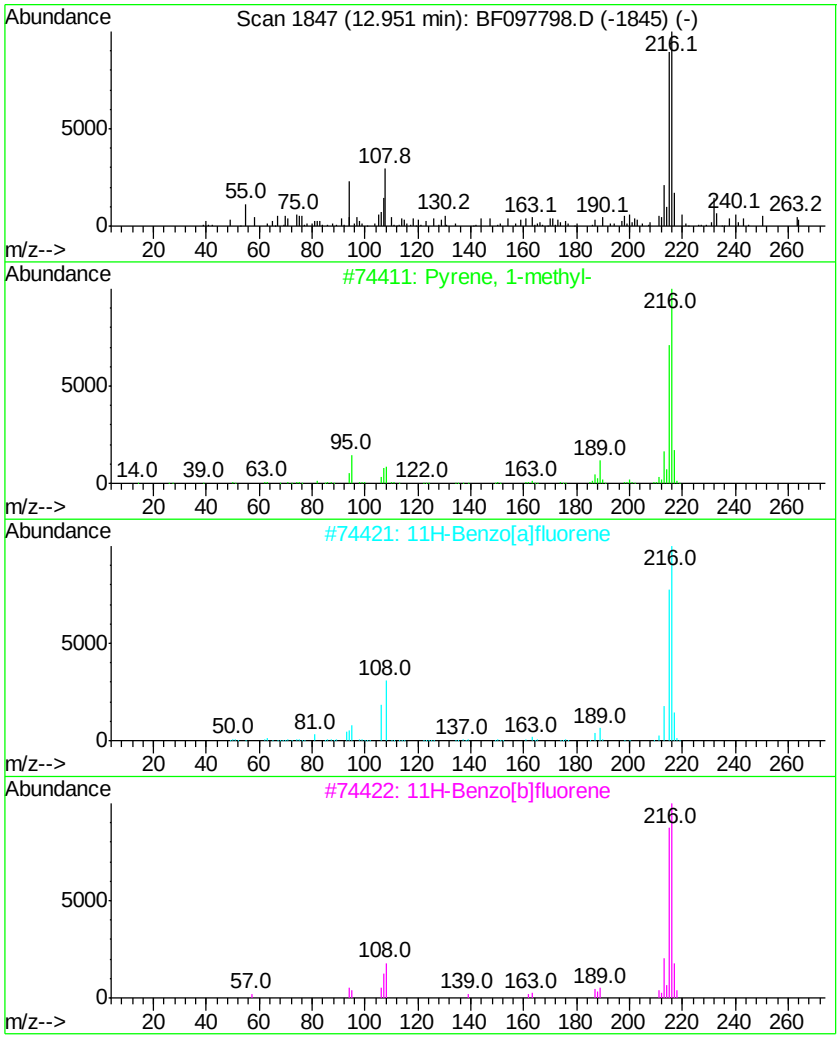
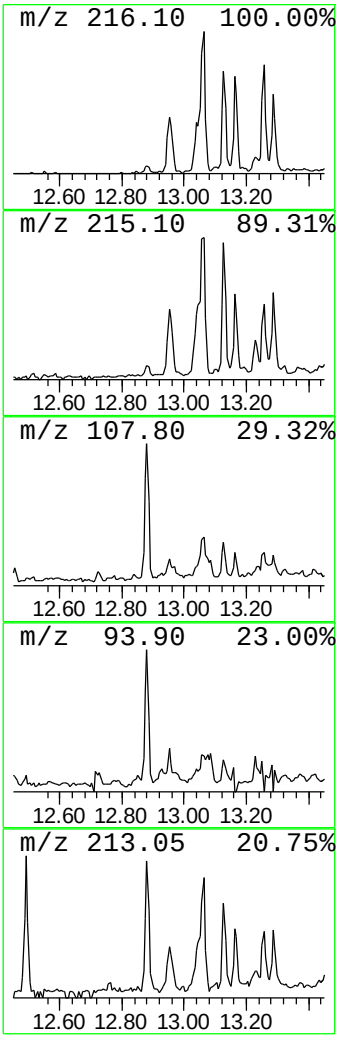
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	2.09 ng	118486	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	50





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Data File : BF097798.D
Acq On : 17 Aug 2017 20:55
Operator : SJ/JU
Sample : I4815-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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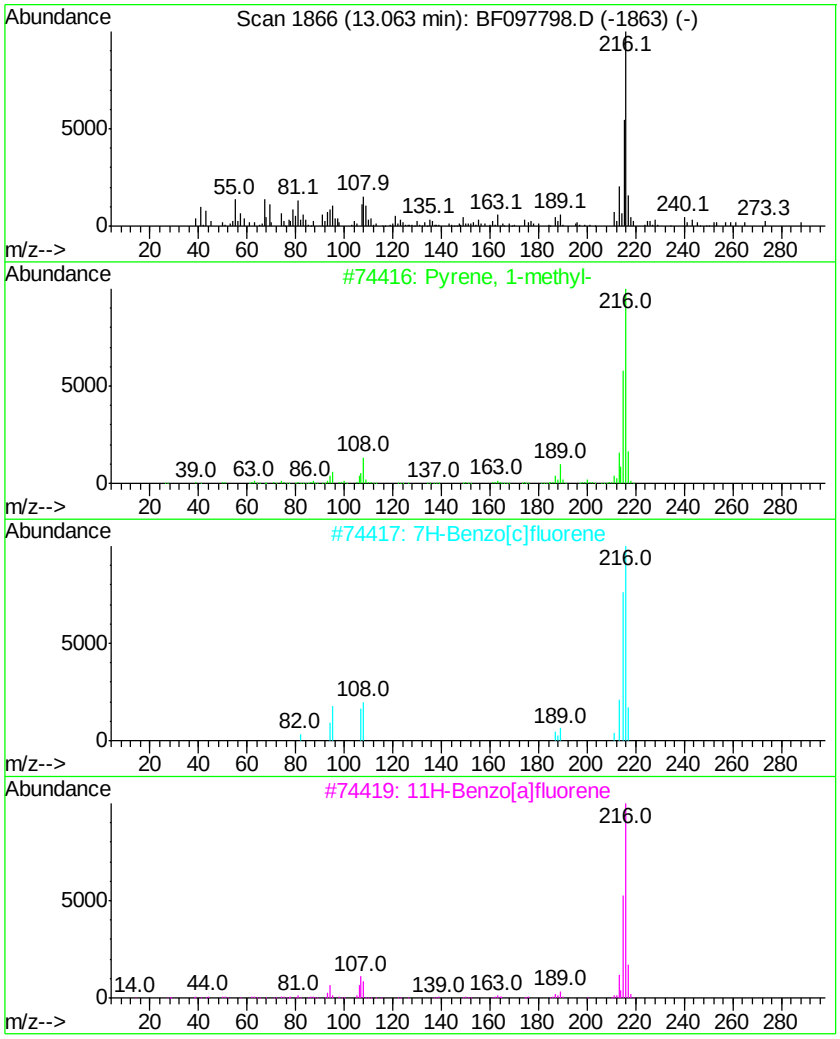
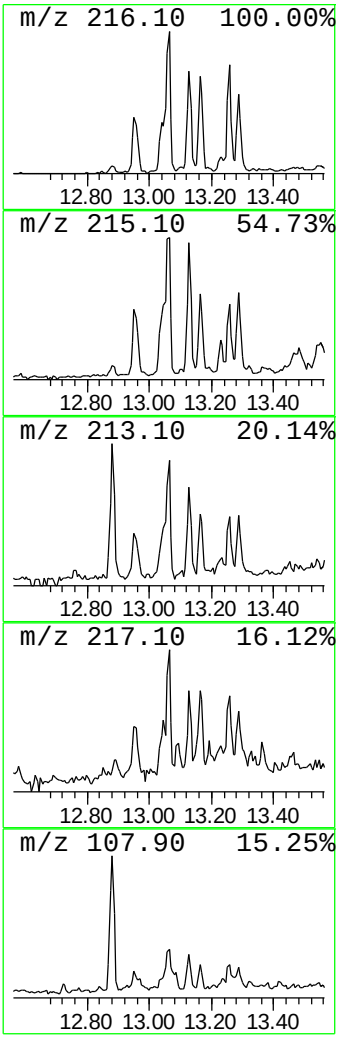
Peak Number 14 7H-Benzo[c]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.07 ng	117526	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097798.D
Acq On : 17 Aug 2017 20:55
Operator : SJ/JU
Sample : I4815-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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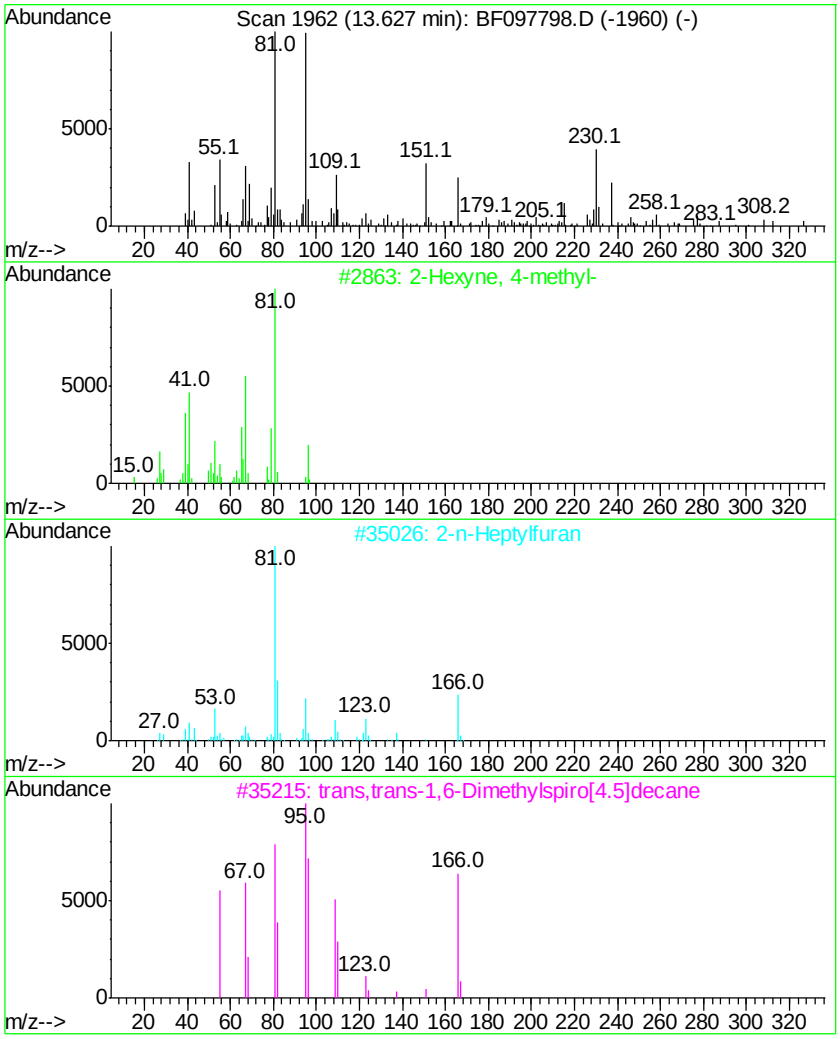
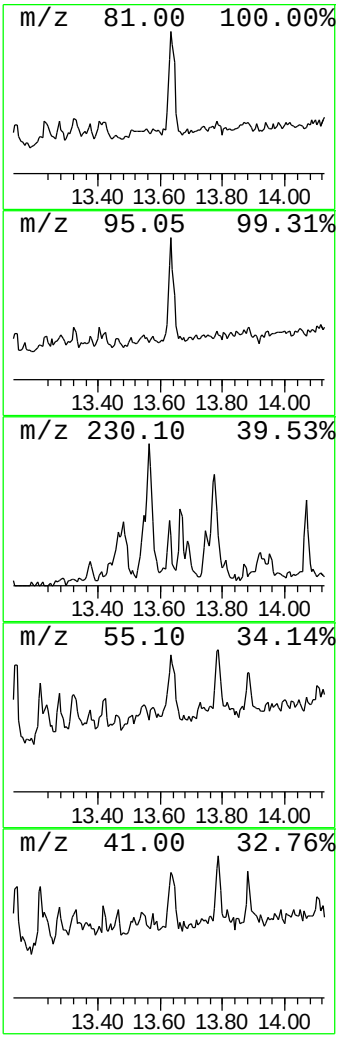
Peak Number 16 unknown13.63 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	3.76 ng	213383	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	30
2	2-n-Heptylfuran	166	C11H18O	003777-71-7	27
3	trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	27
4	Cyclopentene, 1,4-dimethyl-5-(1-...	138	C10H18	061142-33-4	27
5	5-Octen-2-yn-4-ol	124	C8H12O	1000196-87-1	27





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Acq On : 17 Aug 2017 20:55
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Sample : I4815-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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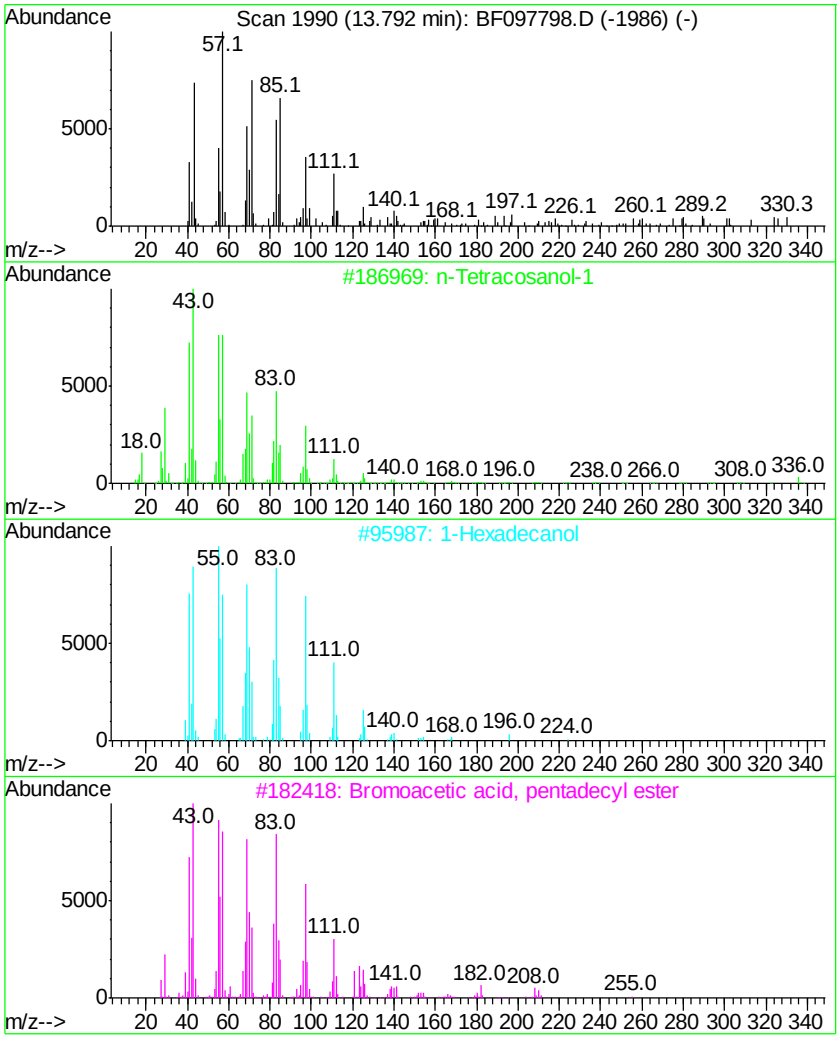
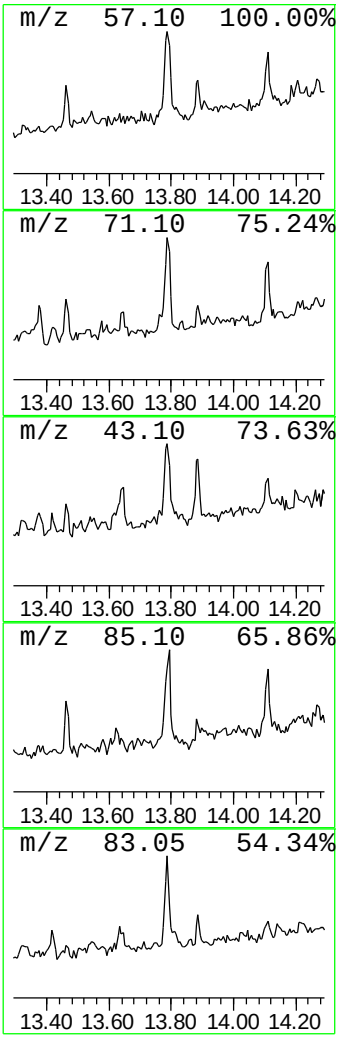
Peak Number 17 n-Tetracosanol-1 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	3.05 ng	172991	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	83
2	1-Hexadecanol	242	C16H34O	036653-82-4	76
3	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	58
4	1-Docosene	308	C22H44	001599-67-3	49
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	46





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Acq On : 17 Aug 2017 20:55
Operator : SJ/JU
Sample : I4815-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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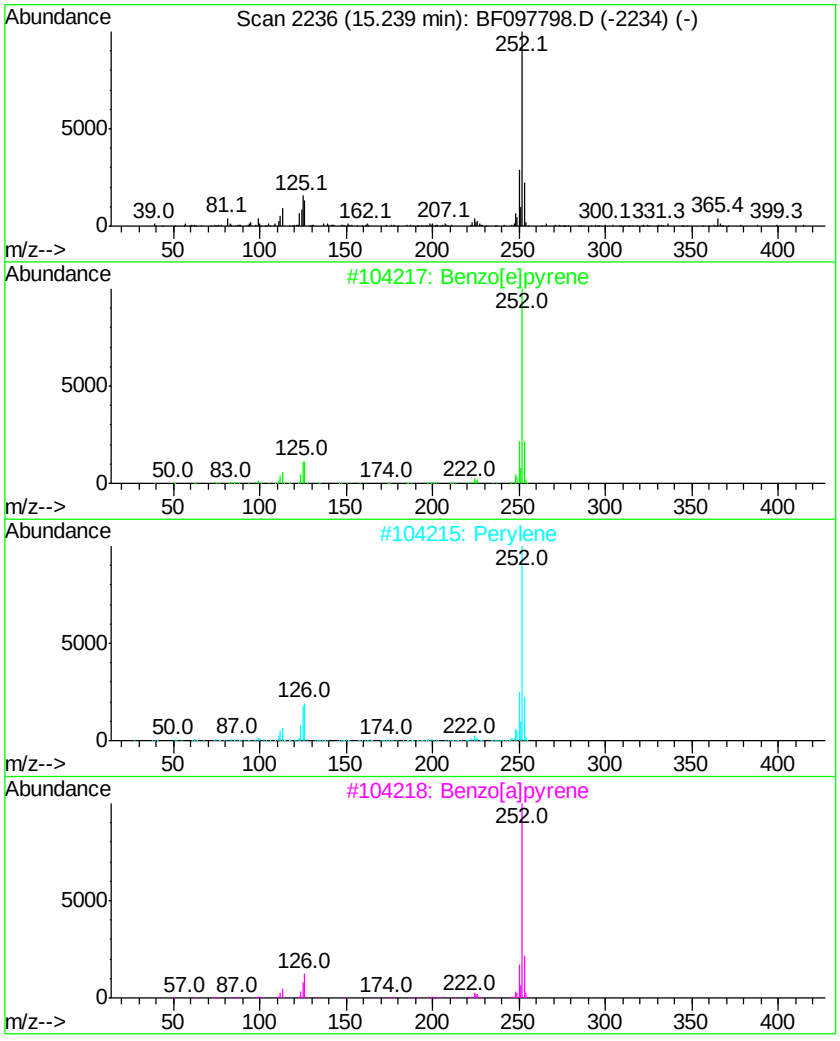
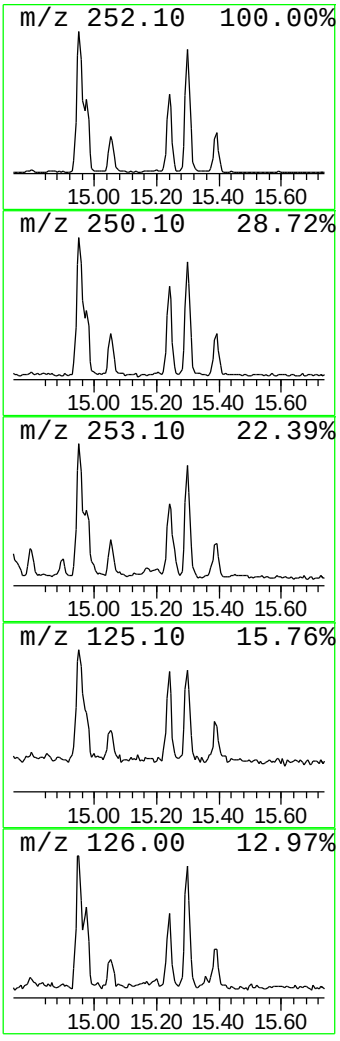
Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	8.32 ng	191813	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	92
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

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Data File : BF097798.D
Acq On : 17 Aug 2017 20:55
Operator : SJ/JU
Sample : I4815-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081517-A

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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...	4.96	6.2	ng	265548	1	6.77	862354	20.0
unknown6.54	6.54	47.2	ng	2036550	1	6.77	862354	20.0
Tridecane	10.72	2.2	ng	83299	4	11.29	761489	20.0
9-Hexadecenoic ac...	11.62	3.2	ng	121277	4	11.29	761489	20.0
Hexadecanoic acid...	11.70	69.3	ng	2637130	4	11.29	761489	20.0
Benzaldehyde, 3,5...	11.90	2.6	ng	99783	4	11.29	761489	20.0
unknown12.02	12.02	2.8	ng	106058	4	11.29	761489	20.0
Methyl tetradecan...	12.10	2.6	ng	99533	4	11.29	761489	20.0
9,12-Octadecadien...	12.39	137.4	ng	5231540	4	11.29	761489	20.0
7-Octadecenoic ac...	12.41	149.0	ng	5674130	4	11.29	761489	20.0
Pyrene, 1-methyl-	12.95	2.1	ng	118486	5	13.93	1134810	20.0
7H-Benzo[c]fluorene	13.06	2.1	ng	117526	5	13.93	1134810	20.0
unknown13.63	13.63	3.8	ng	213383	5	13.93	1134810	20.0
n-Tetracosanol-1	13.79	3.0	ng	172991	5	13.93	1134810	20.0
Benzo[e]pyrene	15.24	8.3	ng	191813	6	15.36	461010	20.0