LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097100.D
Acq On : 27 Jul 2017 2:47
Operator : SJ/JU
Sample : I4391-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-072117-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-BF072517.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	3.216	219	226	237	rBV	45411	93412	2.30%	0.285%
2	3.916	340	345	353	rBV	84908	138179	3.40%	0.422%
3	4.634	462	467	483	rBV	379584	555447	13.68%	1.697%
4	5.093	541	545	553	rBV	2179664	2280622	56.17%	6.968%
5	6.157	722	726	741	rBV	2162803	2276333	56.06%	6.955%
6	6.269	741	745	748	rBV	2311428	2096226	51.62%	6.405%
7	6.493	780	783	788	rBV	668288	587046	14.46%	1.794%
8	6.651	806	810	820	rBV	1782868	1551007	38.20%	4.739%
9	7.063	875	880	883	rBV	1468983	1296492	31.93%	3.961%
10	7.781	998	1002	1010	rBV	883743	842624	20.75%	2.575%
11	8.857	1181	1185	1188	rBV	2426944	2174758	53.56%	6.645%
12	8.957	1199	1202	1207	rVB2	44633	42492	1.05%	0.130%
13	9.134	1225	1232	1236	rBV4	51607	69459	1.71%	0.212%
14	9.257	1248	1253	1255	rBV	138901	134108	3.30%	0.410%
15	9.522	1294	1298	1302	rBV	786086	738230	18.18%	2.256%
16	9.557	1302	1304	1309	rVB	43559	44332	1.09%	0.135%
17	9.981	1373	1376	1380	rVB	81333	68255	1.68%	0.209%
18	10.198	1408	1413	1416	rBV	54251	71031	1.75%	0.217%
19	10.310	1428	1432	1437	rBV	1133248	974835	24.01%	2.979%
20	10.451	1452	1456	1457	rBV	103286	97988	2.41%	0.299%
21	10.898	1528	1532	1534	rBV	71339	63725	1.57%	0.195%
22	10.928	1534	1537	1541	rVB	48829	49677	1.22%	0.152%
23	10.998	1545	1549	1551	rBV	726096	606704	14.94%	1.854%
24	11.022	1551	1553	1558	rVB	188989	147618	3.64%	0.451%
25	11.075	1558	1562	1566	rVB	75621	68680	1.69%	0.210%
26	11.322	1601	1604	1612	rVB2	42029	54476	1.34%	0.166%
27	11.422	1617	1621	1624	rVB	1837738	1545260	38.06%	4.721%
28	11.557	1641	1644	1647	rBV	136339	118761	2.92%	0.363%
29	11.610	1650	1653	1655	rBV	53283	50581	1.25%	0.155%
30	11.727	1670	1673	1679	rVB2	50706	57014	1.40%	0.174%
31	11.822	1687	1689	1695	rVB2	41444	47910	1.18%	0.146%
32	12.110	1732	1738	1739	rBV	3368440	4060557	100.00%	12.407%
33	12.127	1739	1741	1748	rVV2	3227836	3417508	84.16%	10.442%
34	12.210	1751	1755	1758	rVV2	1210554	1146768	28.24%	3.504%

LSC Area Percent Report

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Data File : BF097100.D
Acq On : 27 Jul 2017 2:47
Operator : SJ/JU
Sample : I4391-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-072117-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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.257	1761	1763	1766	rVB3	47507	48826	1.20%	0.149%
36	12.339	1775	1777	1783	rVB7	32976	54082	1.33%	0.165%
37	12.427	1788	1792	1799	rVB	306294	363756	8.96%	1.111%
38	12.586	1814	1819	1822	rBV	1601509	1466743	36.12%	4.482%
39	12.663	1826	1832	1833	rBV4	28568	51350	1.26%	0.157%
40	12.763	1847	1849	1857	rVB3	71474	95017	2.34%	0.290%
41	12.833	1858	1861	1863	rBV2	53633	66713	1.64%	0.204%
42	12.933	1874	1878	1880	rBV	101668	96783	2.38%	0.296%
43	13.245	1929	1931	1937	rVB5	34866	45757	1.13%	0.140%
44	13.327	1942	1945	1947	rBV	93544	93243	2.30%	0.285%
45	13.498	1971	1974	1979	rVB3	138670	164251	4.05%	0.502%
46	13.598	1988	1991	1992	rBV	93629	86516	2.13%	0.264%
47	13.621	1992	1995	1998	rVV2	603430	682429	16.81%	2.085%
48	13.651	1998	2000	2008	rVB	119177	124105	3.06%	0.379%
49	13.821	2026	2029	2032	rBV	49855	50023	1.23%	0.153%
50	14.127	2078	2081	2085	rBV2	98745	107901	2.66%	0.330%
51	14.216	2093	2096	2103	rVB3	57586	65547	1.61%	0.200%
52	14.421	2128	2131	2140	rVB	85580	125115	3.08%	0.382%
53	14.616	2161	2164	2172	rBV	91799	206633	5.09%	0.631%
54	14.710	2177	2180	2184	rVV	115820	110425	2.72%	0.337%
55	14.868	2205	2207	2212	rVB	54601	66393	1.64%	0.203%
56	14.927	2214	2217	2221	rVB	73584	87323	2.15%	0.267%
57	14.974	2221	2225	2232	rBV	320375	394245	9.71%	1.205%
58	15.227	2266	2268	2270	rBV2	49877	49637	1.22%	0.152%
59	15.386	2292	2295	2300	rBV	75196	107670	2.65%	0.329%
60	15.915	2381	2385	2396	rVB9	51125	124338	3.06%	0.380%
61	16.210	2431	2435	2441	rVB2	49374	98113	2.42%	0.300%
62	16.280	2441	2447	2453	rBV5	43993	127278	3.13%	0.389%

Sum of corrected areas: 32728327

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Instrument : BNA_F
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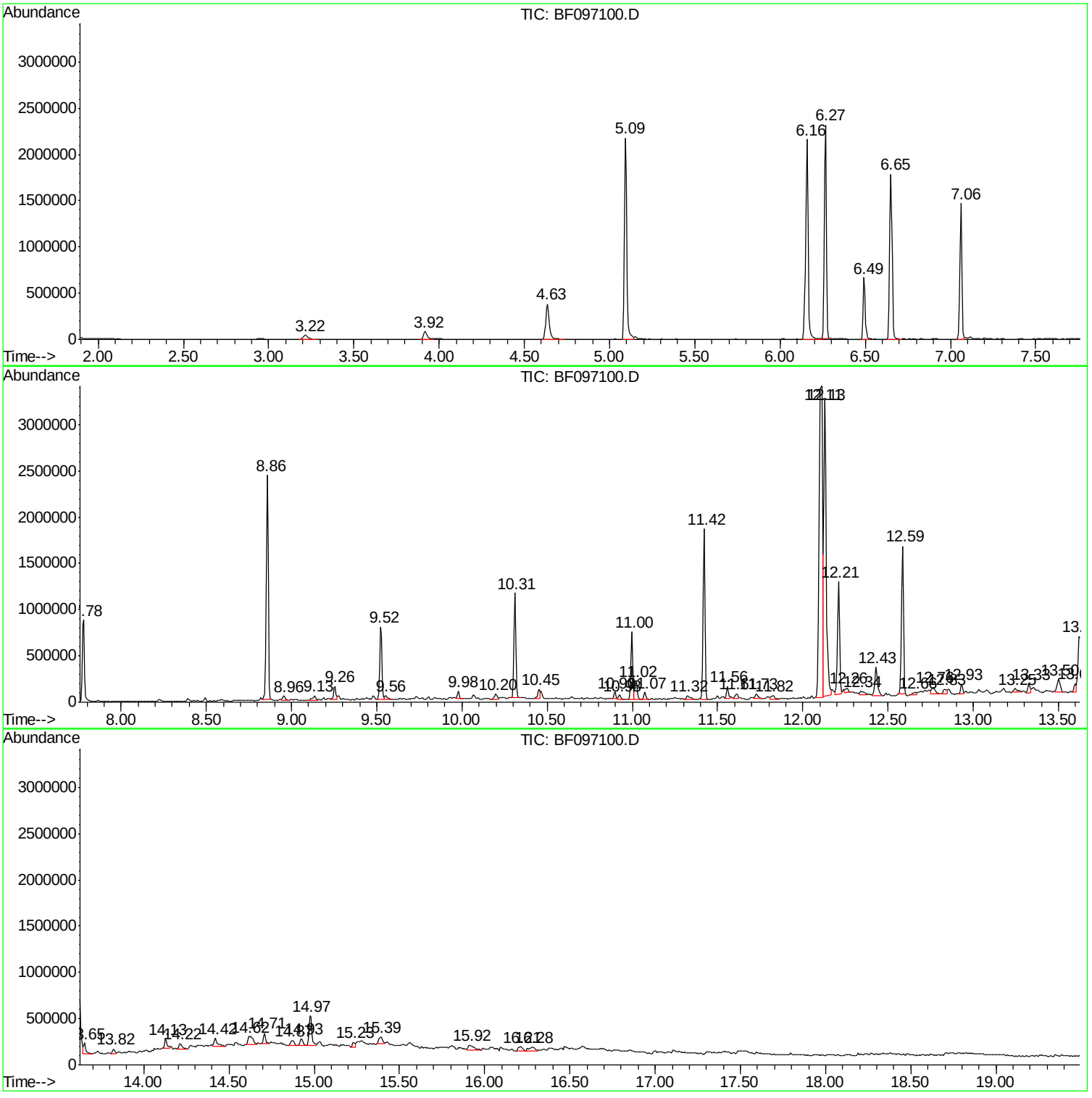
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BF097100.D
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Operator : SJ/JU
Sample : I4391-01
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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TIC Integration Parameters: LSCINT.P

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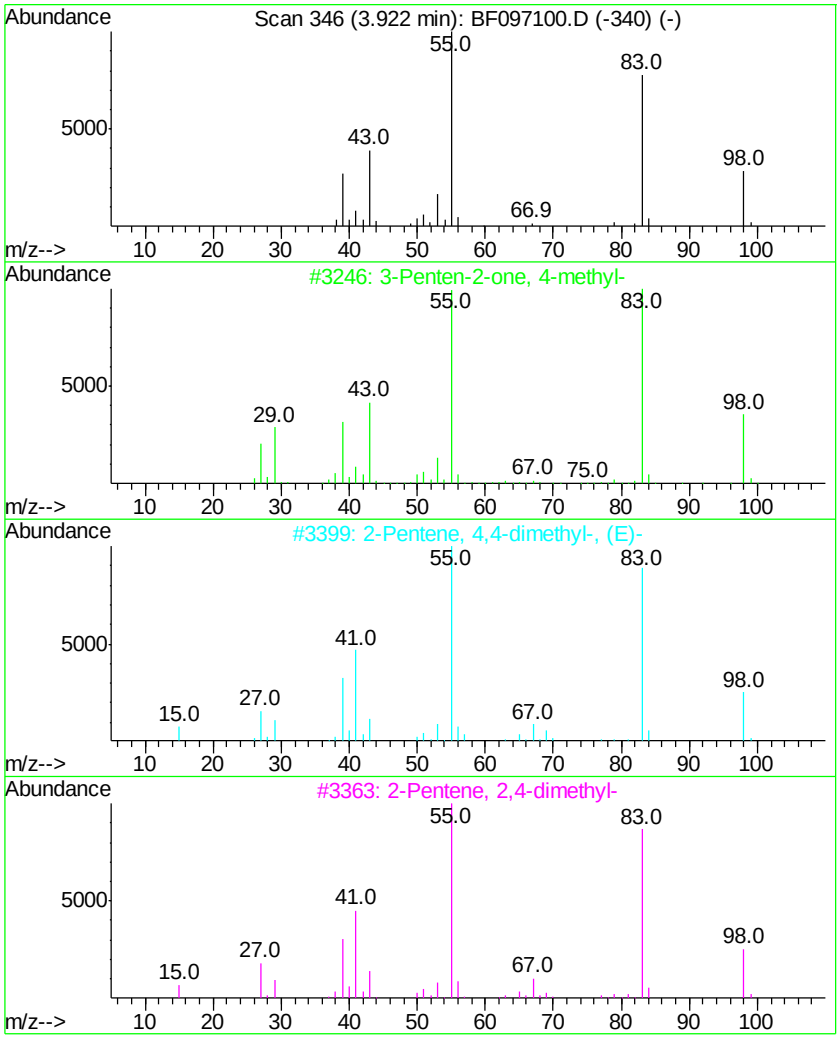
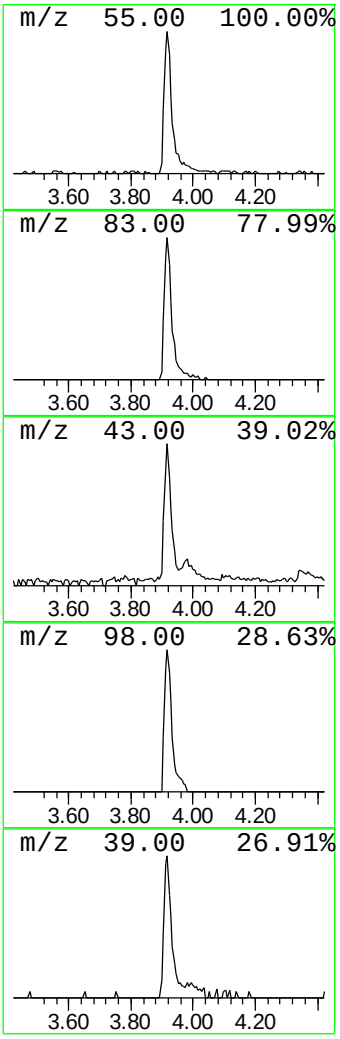
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	4.71 ng	138179	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	90
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	90
5	3-Hexen-2-one	98	C6H10O	000763-93-9	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097100.D
Acq On : 27 Jul 2017 2:47
Operator : SJ/JU
Sample : I4391-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-072117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

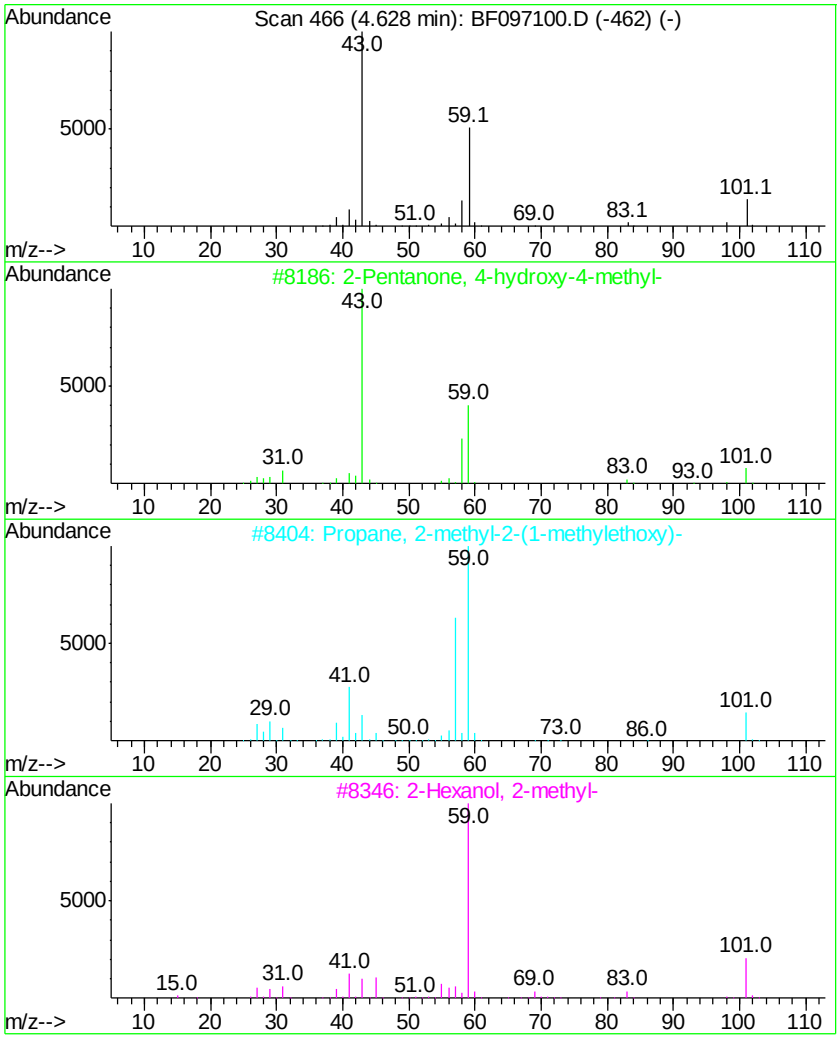
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

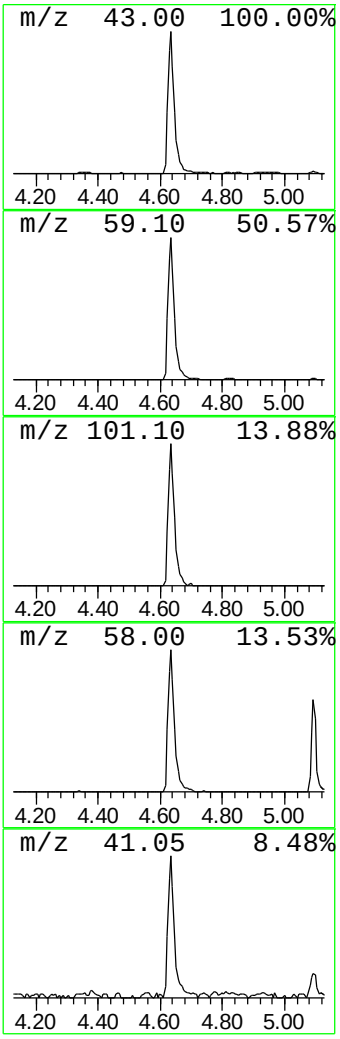
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	18.92 ng	555447	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
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Acq On : 27 Jul 2017 2:47
Operator : SJ/JU
Sample : I4391-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-072117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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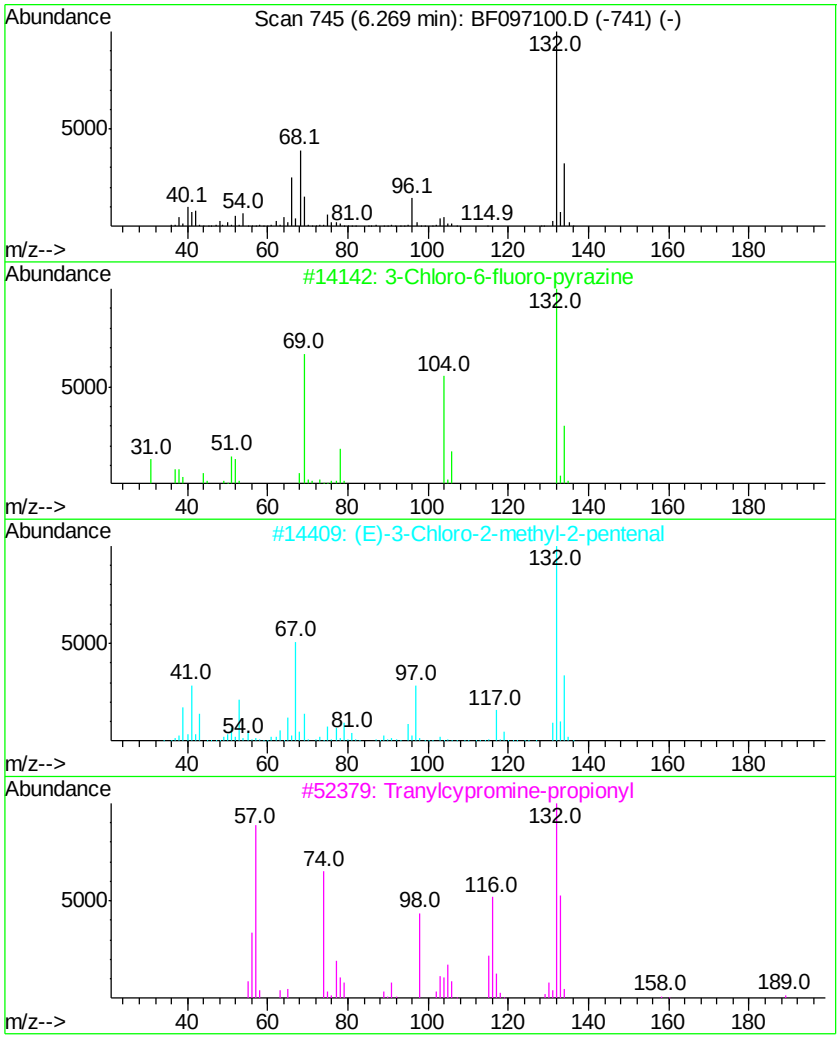
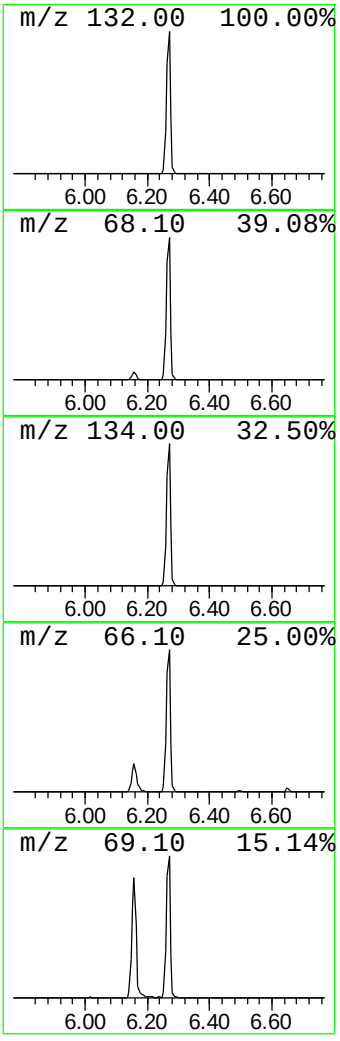
Peak Number 4 unknown6.27 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	71.42 ng	2096230	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097100.D
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Sample : I4391-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-072117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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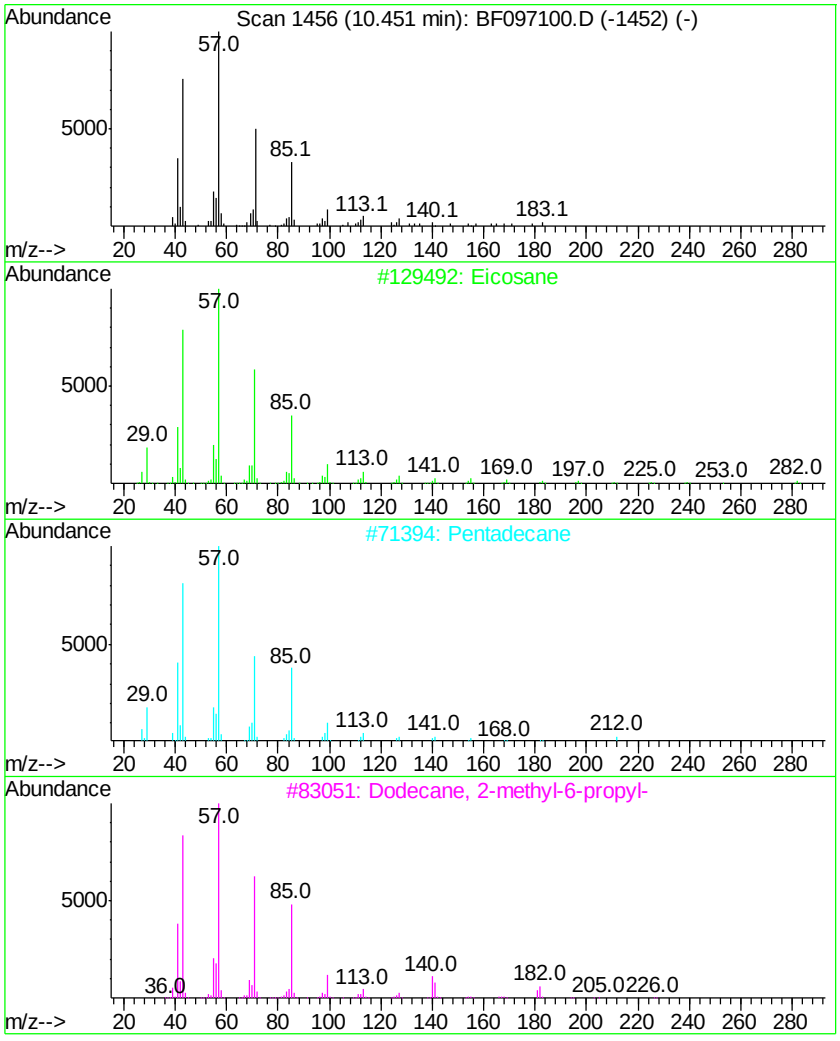
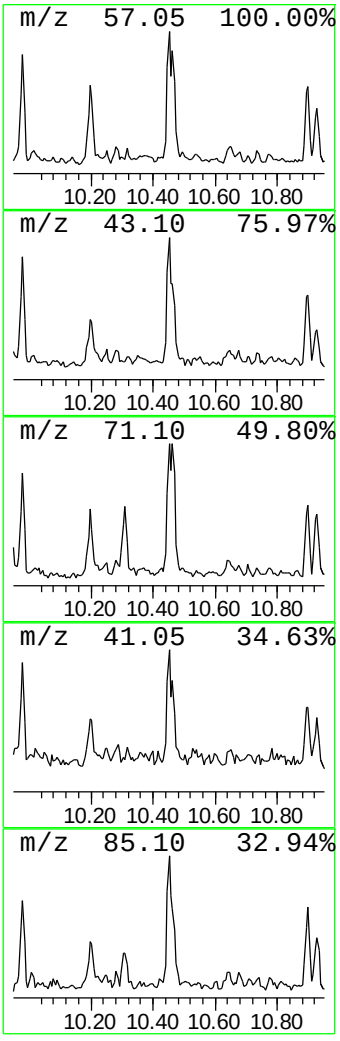
Peak Number 6 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	3.23 ng	97988	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetracosane	338	C24H50	000646-31-1	80





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Sample : I4391-01
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Instrument : BNA_F
ClientSampleId : BU-02-072117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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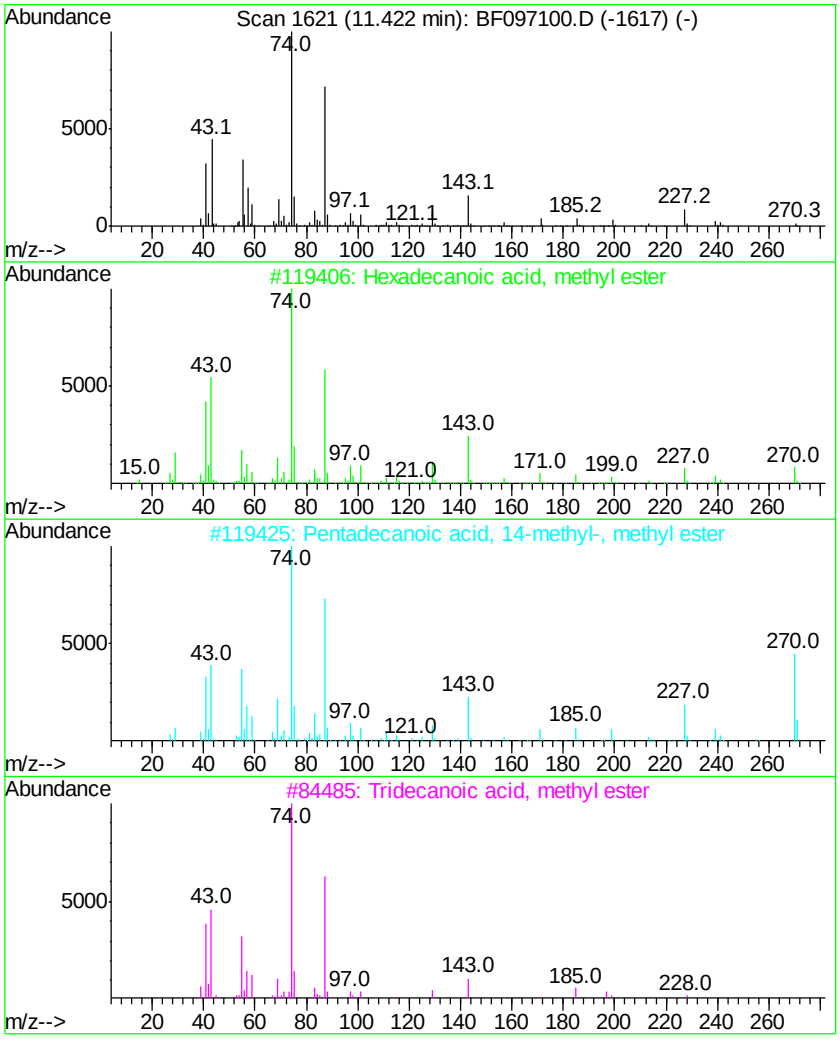
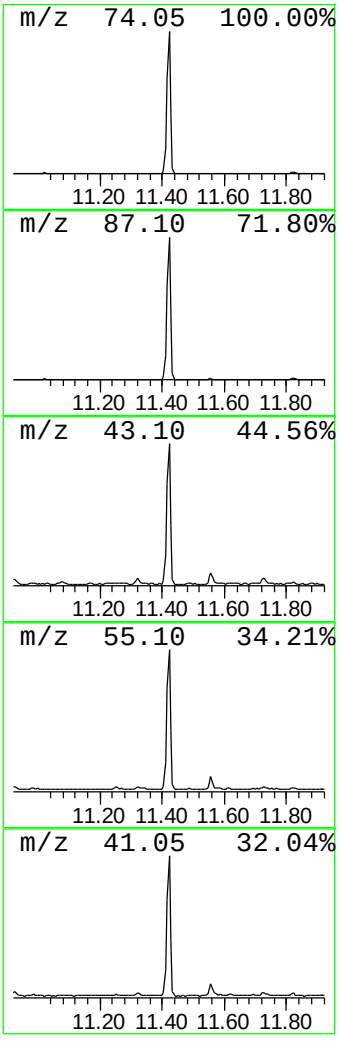
Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	50.94 ng	1545260	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90





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Sample : I4391-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-072117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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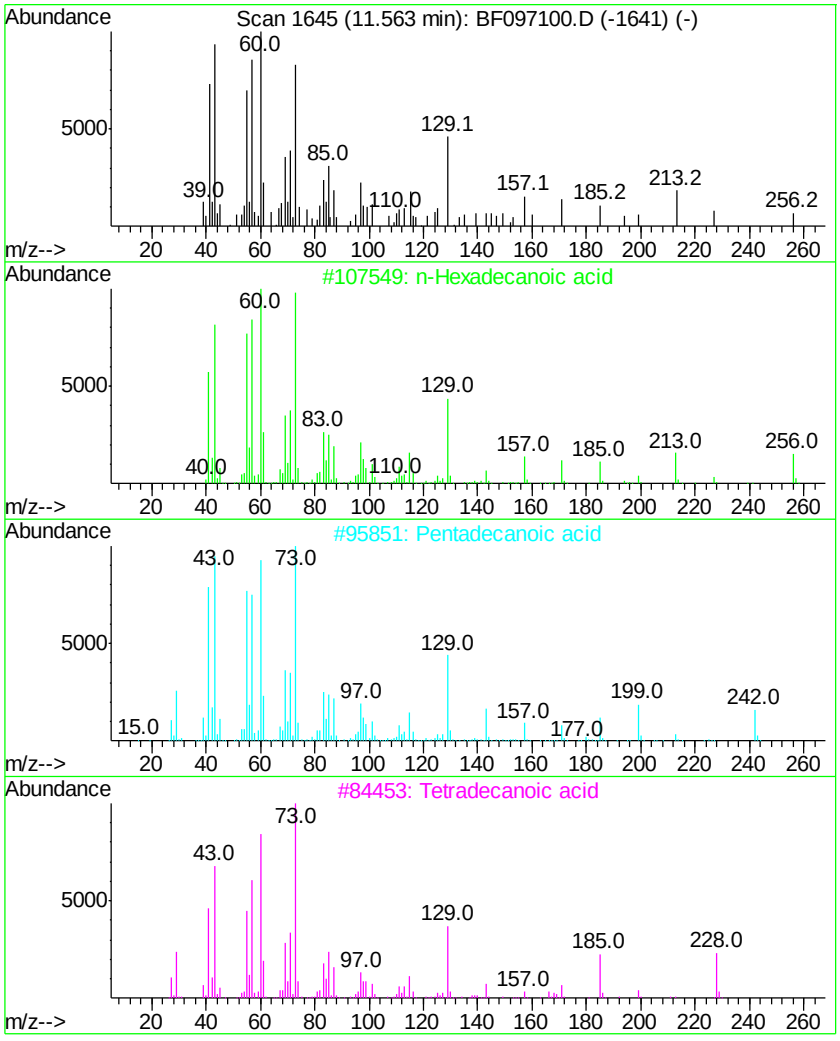
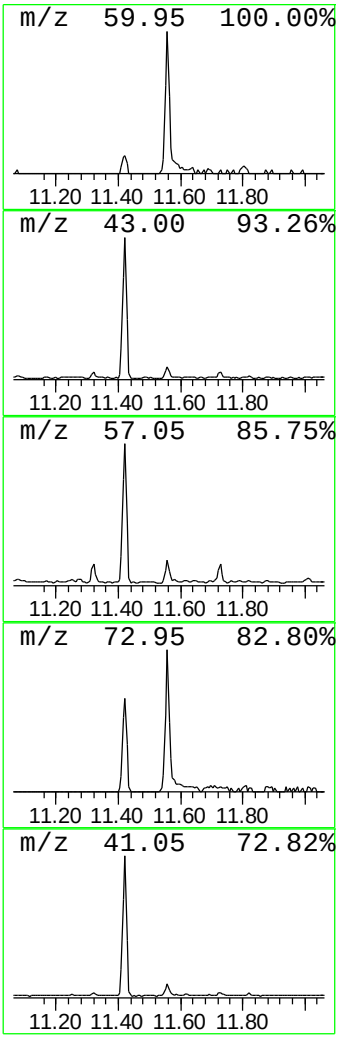
Peak Number 8 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	3.91 ng	118761	Phenanthrene-d10	11.00

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	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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Data File : BF097100.D
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Operator : SJ/JU
Sample : I4391-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-072117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

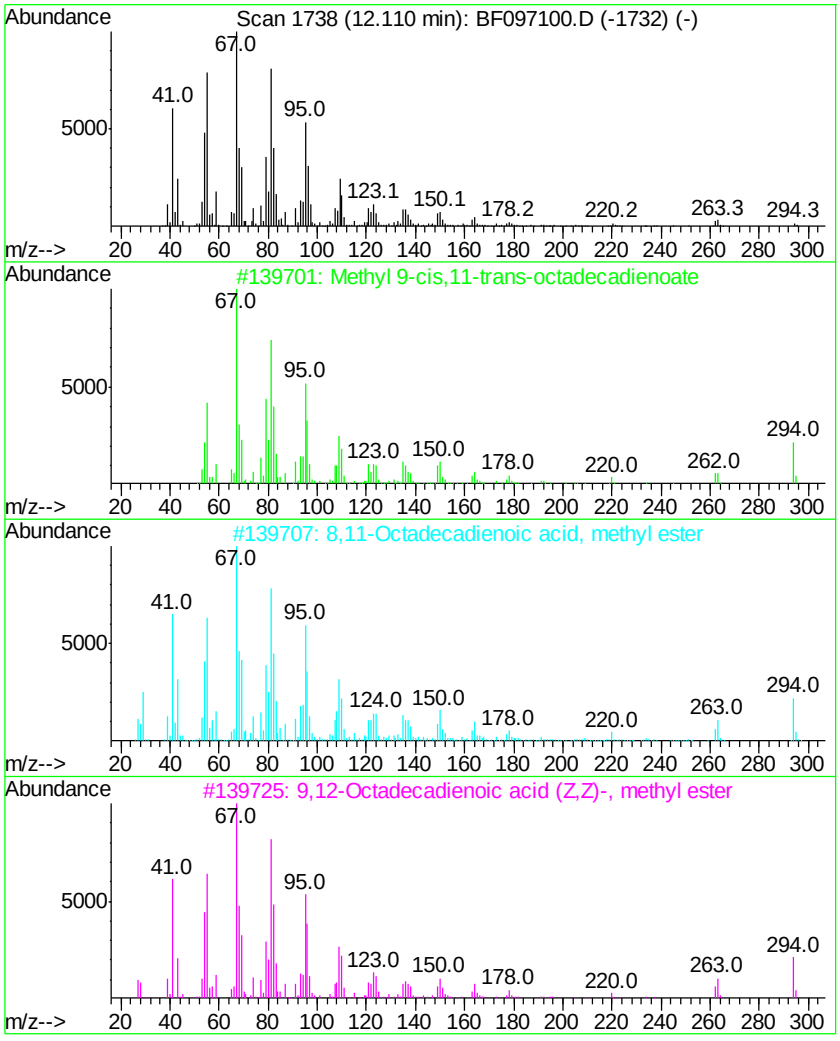
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

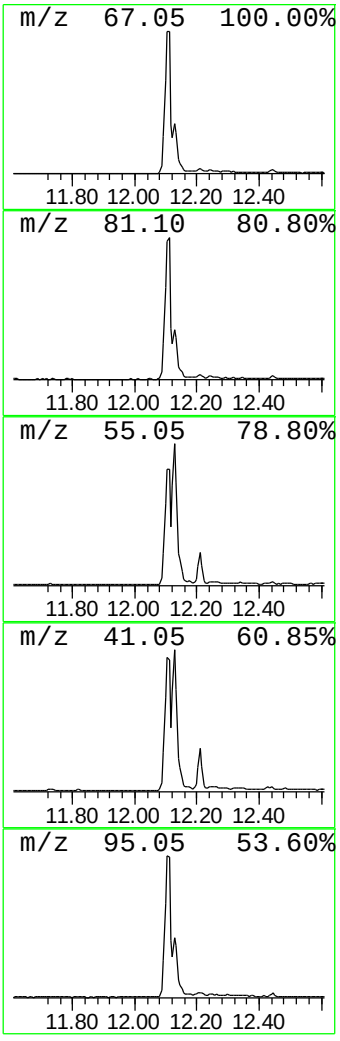
****

Peak Number 9 Methyl 9-cis,11-trans-octad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	133.86 ng	4060560	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
2	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097100.D
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Sample : I4391-01
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

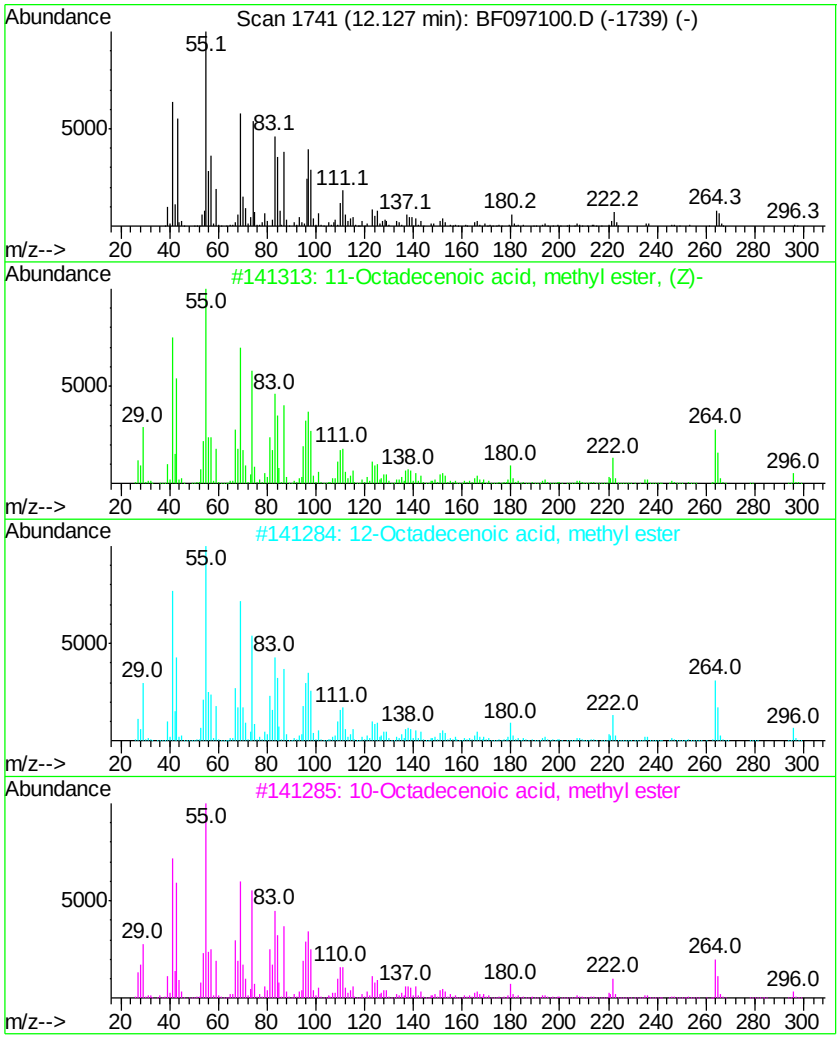
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

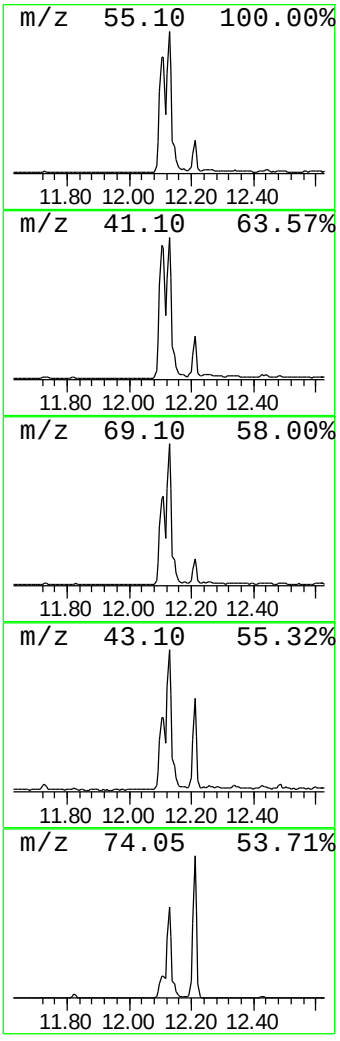
****

Peak Number 10 11-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	112.66 ng	3417510	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	98
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	98
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	97
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
5	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	93





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Data File : BF097100.D
Acq On : 27 Jul 2017 2:47
Operator : SJ/JU
Sample : I4391-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-072117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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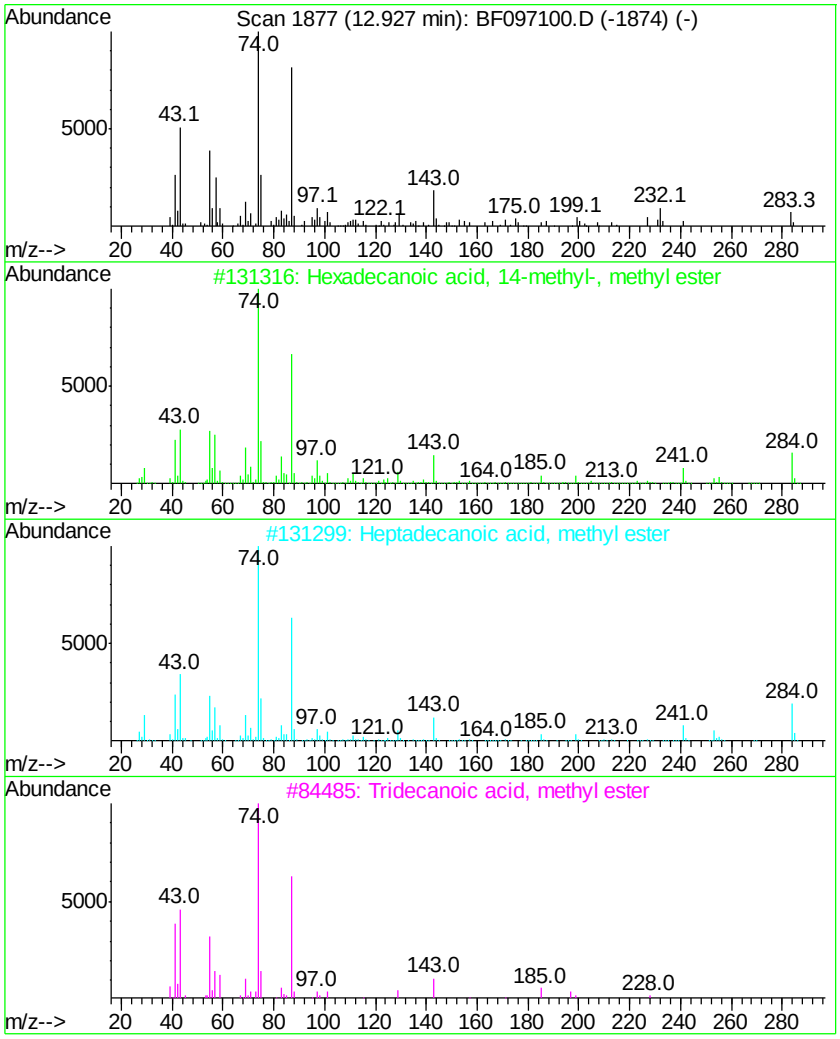
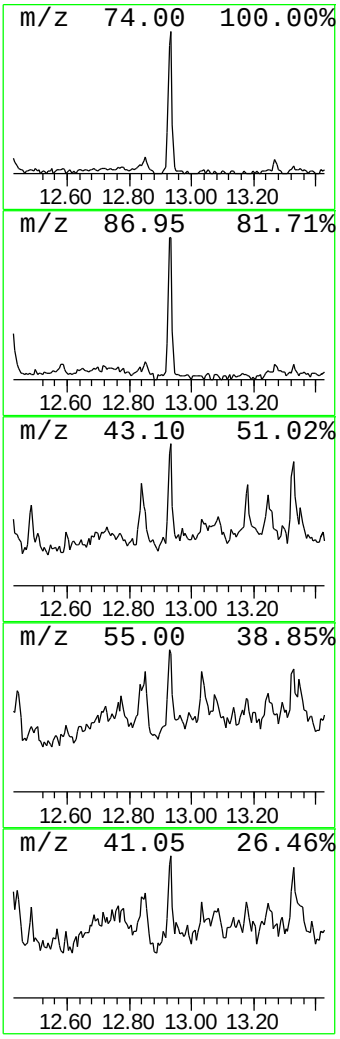
Peak Number 11 Hexadecanoic acid, 14-methy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	2.84 ng	96783	Chrysene-d12	13.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	94
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	83
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	80
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	80





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Sample : I4391-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-072117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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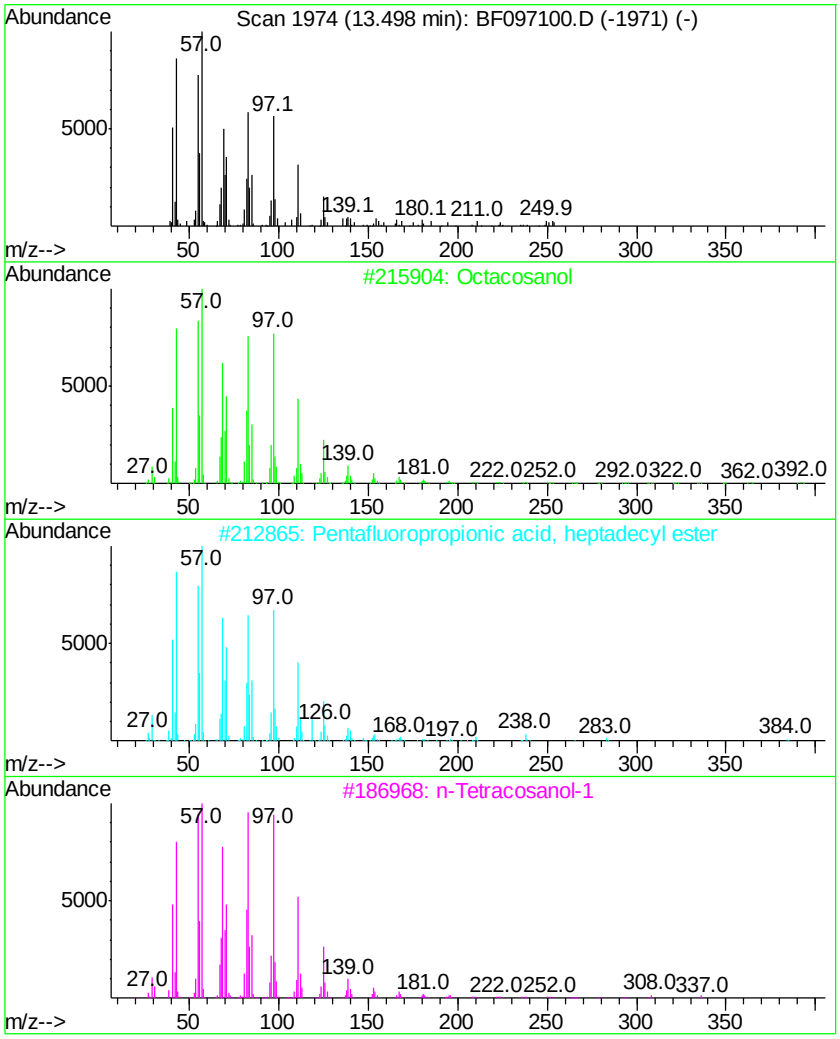
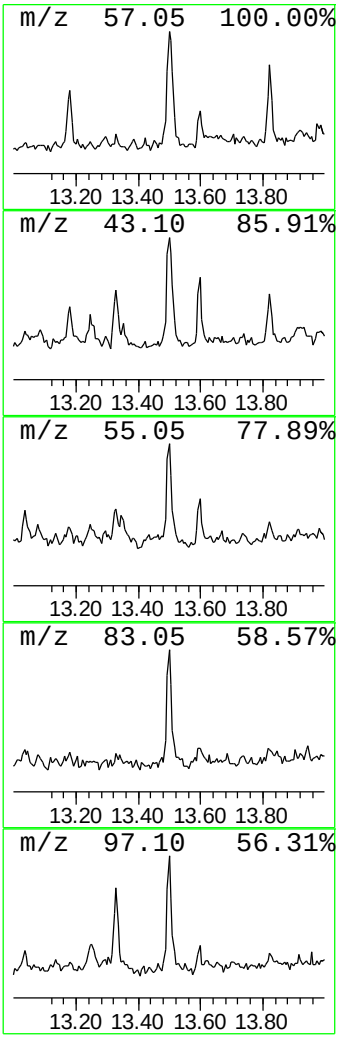
Peak Number 12 Octacosanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	4.81 ng	164251	Chrysene-d12	13.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	91
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91





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Sample : I4391-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-072117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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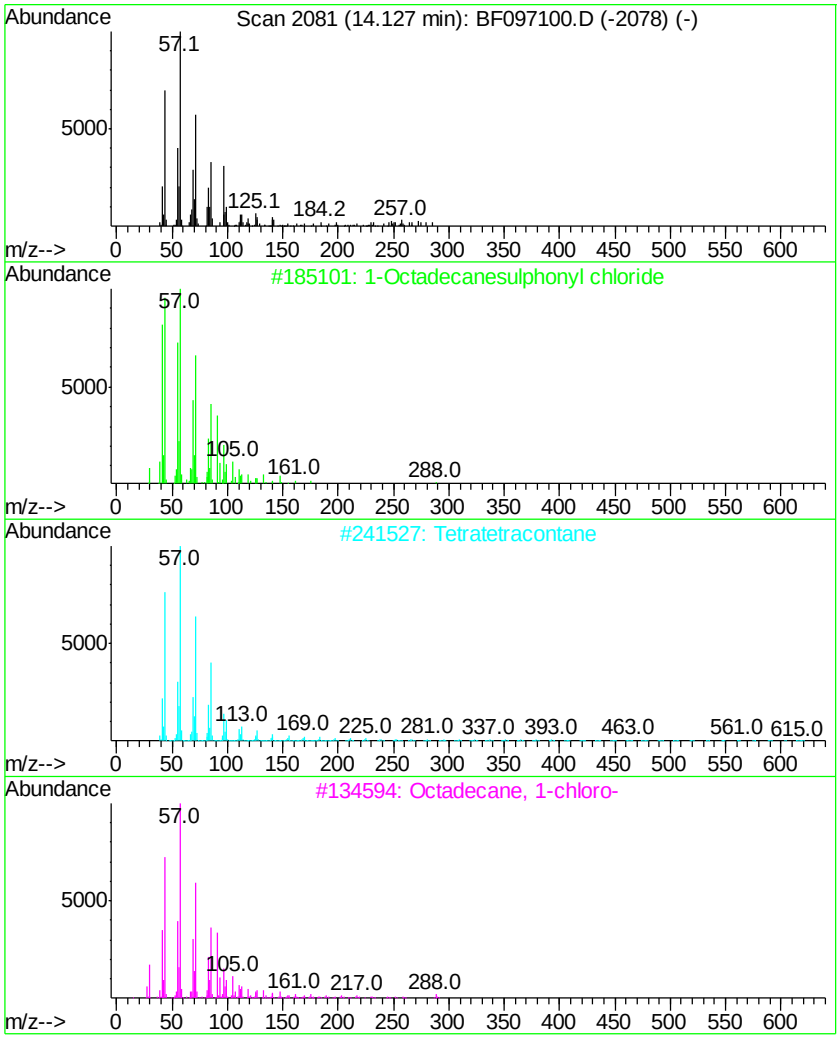
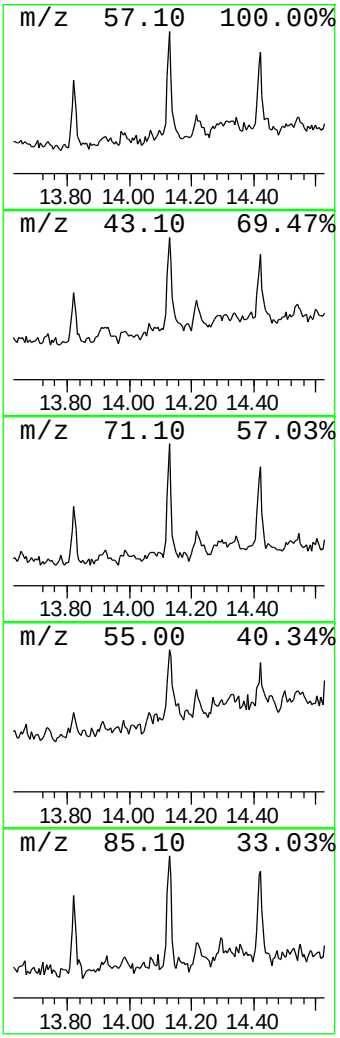
Peak Number 13 1-Octadecanesulphonyl chloride Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	3.16 ng	107901	Chrysene-d12	13.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	87
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
4	Tritetracontane	605	C43H88	007098-21-7	83
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	80





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Operator : SJ/JU
Sample : I4391-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-072117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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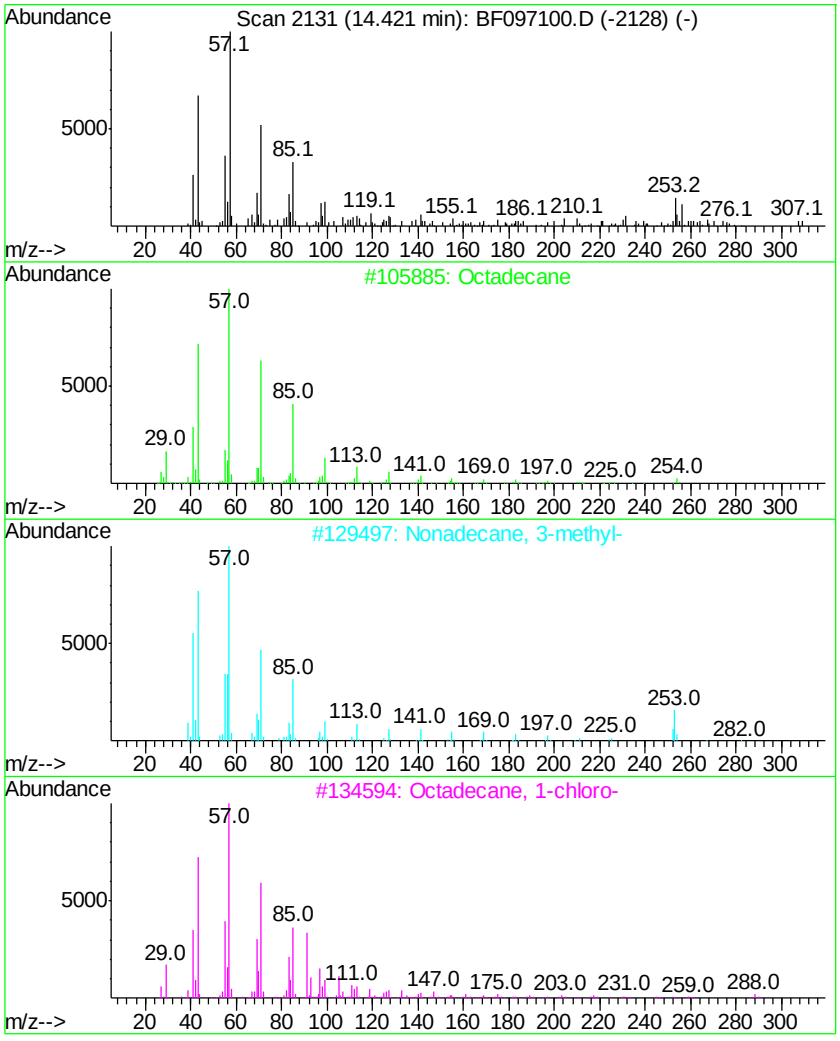
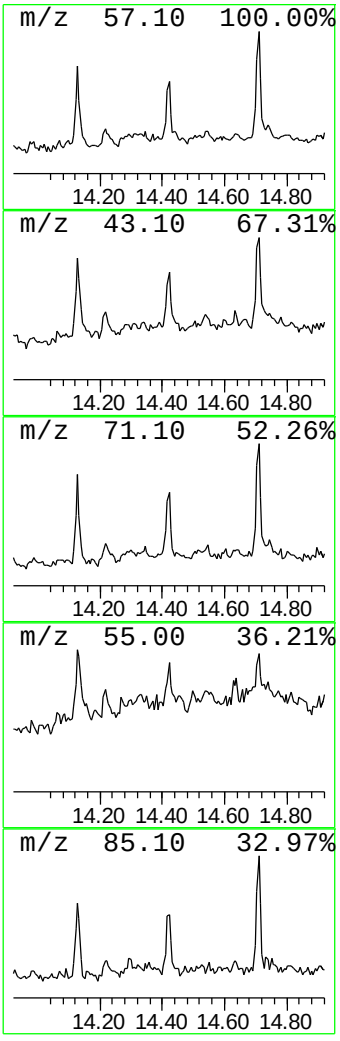
Peak Number 14 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	6.35 ng	125115	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Nonadecane, 3-methyl-	282	C20H42	006418-45-7	74
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	68
4	Hexatriacontane	507	C36H74	000630-06-8	68
5	Octacosane	394	C28H58	000630-02-4	68





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Acq On : 27 Jul 2017 2:47
Operator : SJ/JU
Sample : I4391-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-072117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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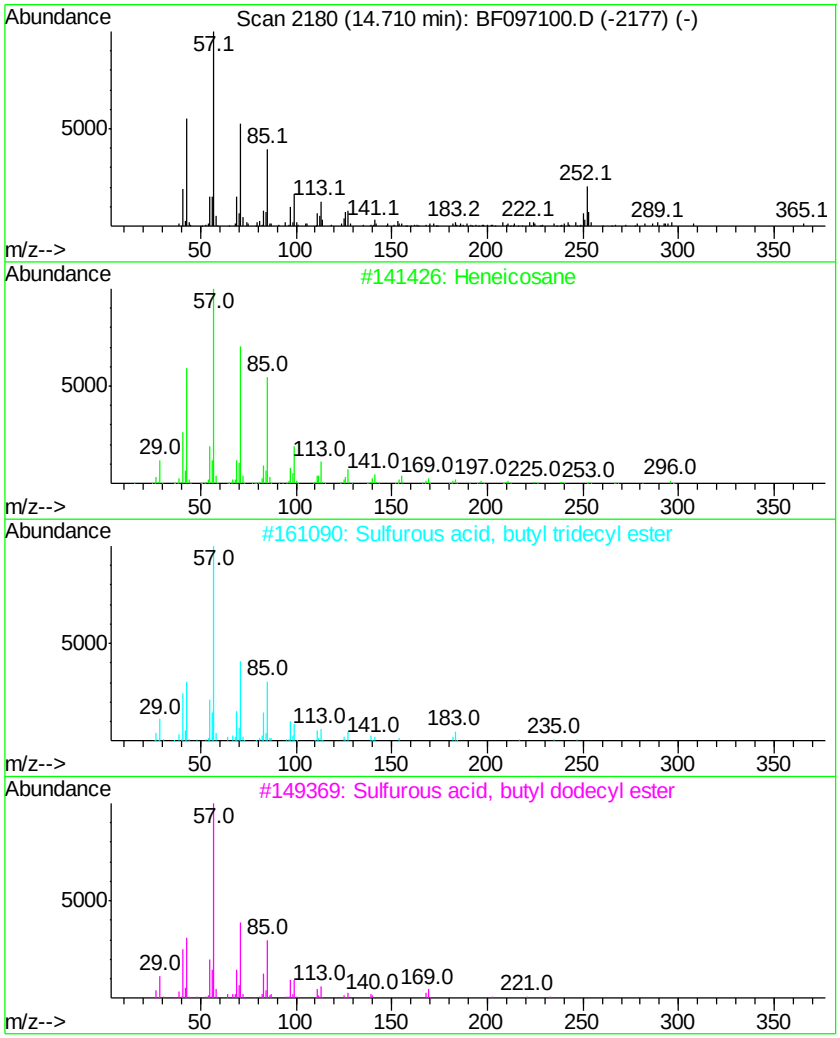
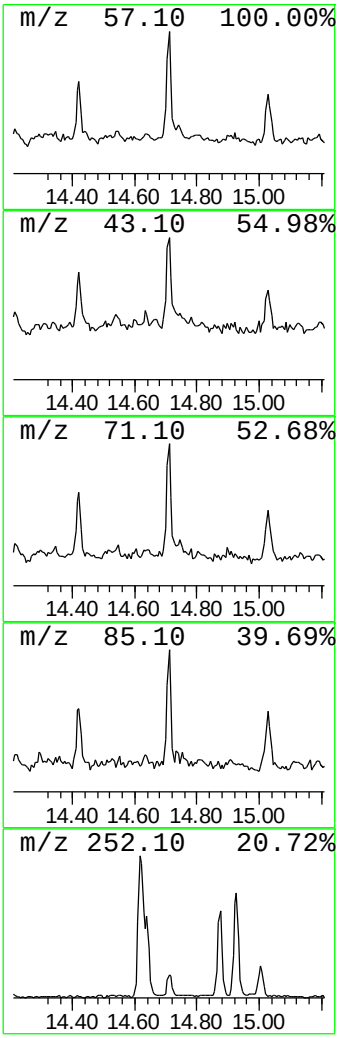
Peak Number 15 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	5.60 ng	110425	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	72
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72
4	Hexacosane	366	C26H54	000630-01-3	72
5	Pentacosane	352	C25H52	000629-99-2	72





Library Search Compound Report

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Data File : BF097100.D
Acq On : 27 Jul 2017 2:47
Operator : SJ/JU
Sample : I4391-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-072117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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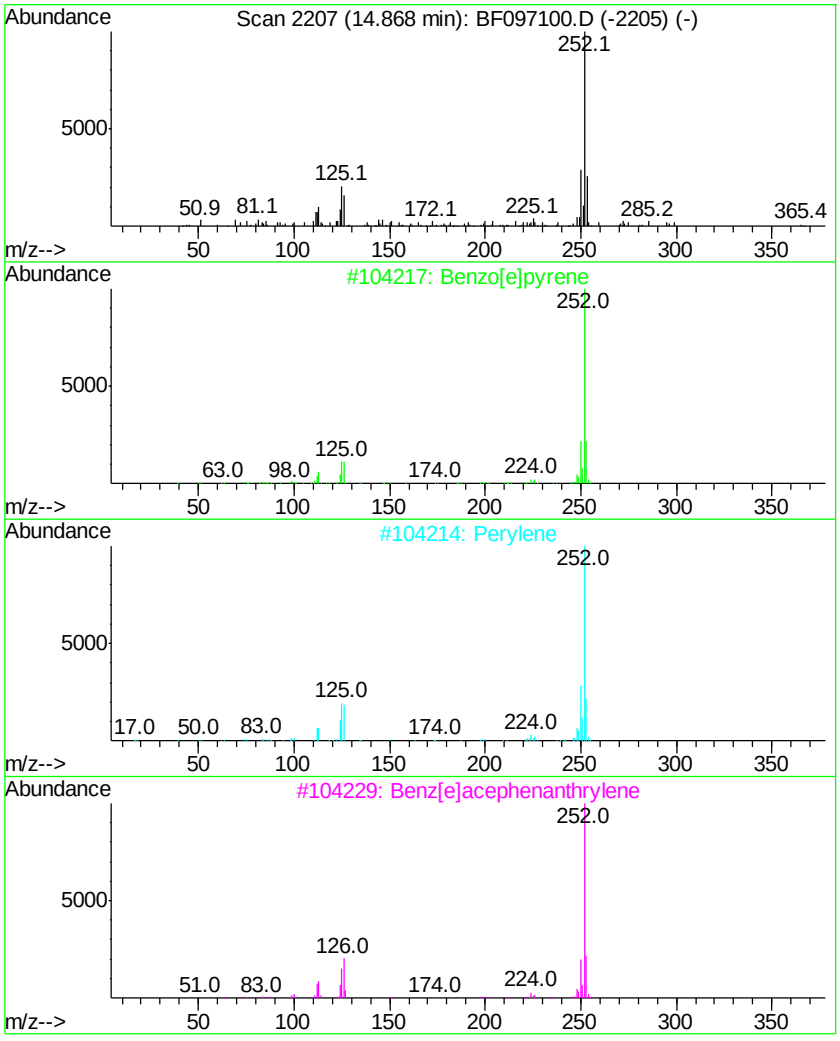
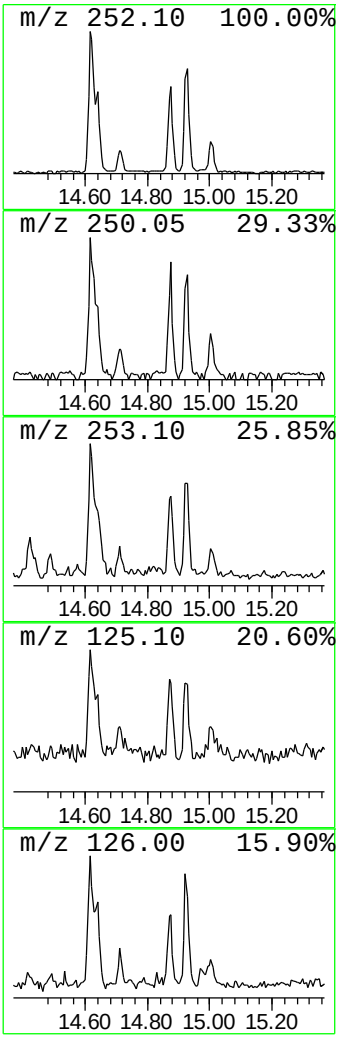
Peak Number 16 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	3.37 ng	66393	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	86





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TIC Library : C:\DATABASE\NIST11.L
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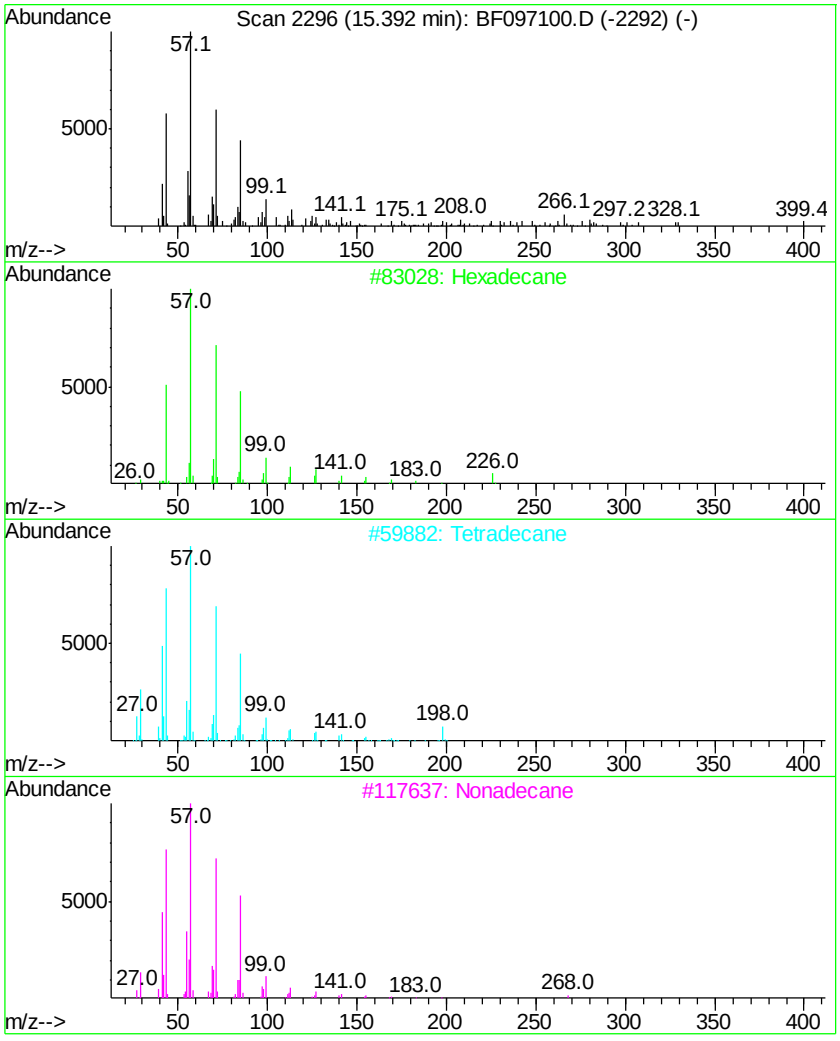
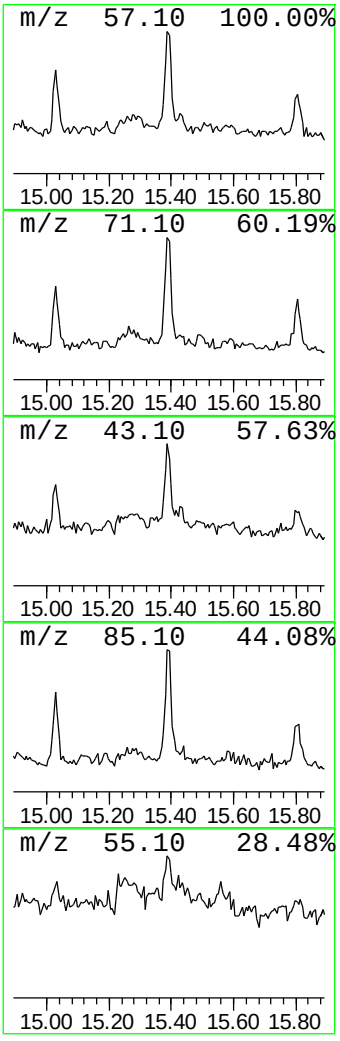
Peak Number 17 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	5.46 ng	107670	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Heptadecane	240	C17H36	000629-78-7	87
5	Octacosane	394	C28H58	000630-02-4	87





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Sample : I4391-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-072117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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TIC Library : C:\DATABASE\NIST11.L
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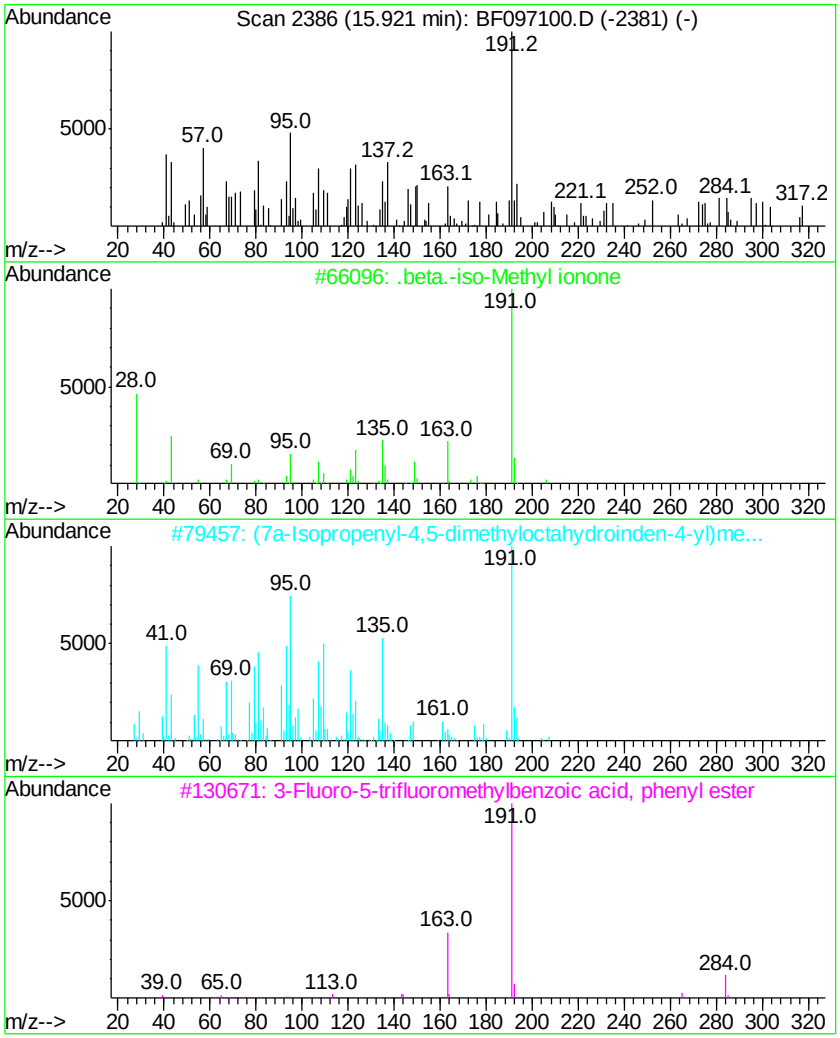
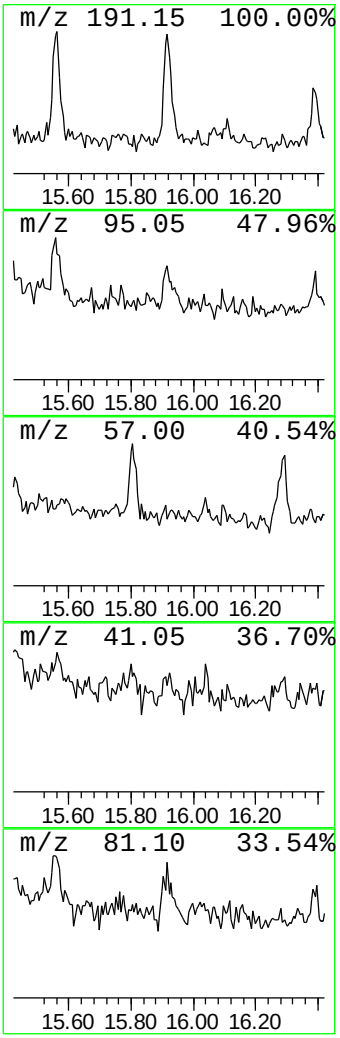
Peak Number 18 unknown15.92 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	6.31 ng	124338	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	47
2	(7a-Isopropenyl-4,5-dimethyloctа...	222	C15H26O	1000187-02-9	47
3	3-Fluoro-5-trifluoromethylbenzoi...	284	C14H8F4O2	1000357-95-5	38
4	2-Fluoro-6-trifluoromethylbenzoi...	284	C14H8F4O2	1000357-69-4	38
5	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	38





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-072117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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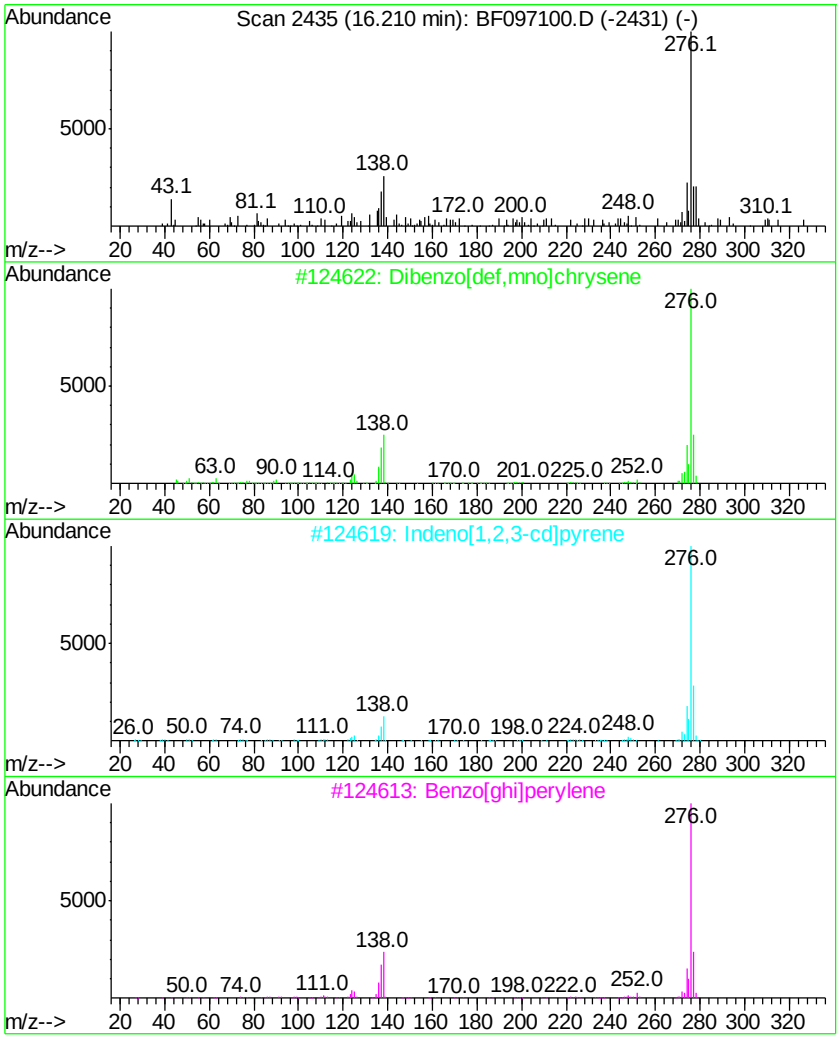
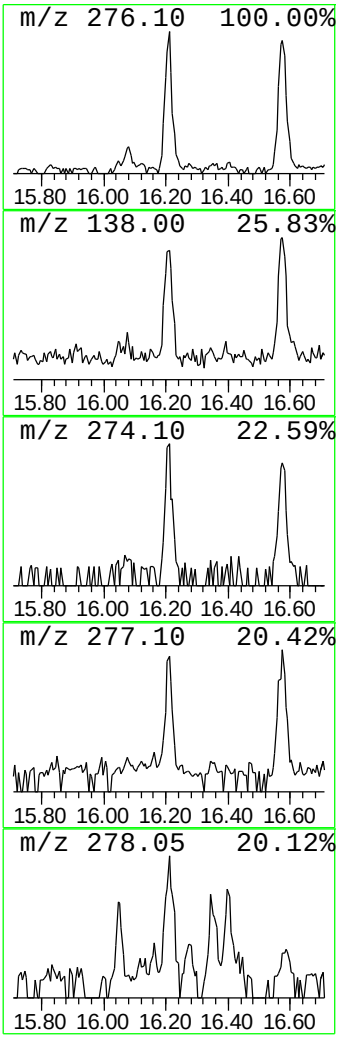
Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	4.98 ng	98113	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	83
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	64
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	64
4	2-Thiophenecarbaldehyde, 5-[5-(t...	276	C13H8OS3	1000217-28-5	52
5	[1,3]Benzimidazo[2',1':2,3]thiaz...	276	C15H8N4S	1000319-10-6	47





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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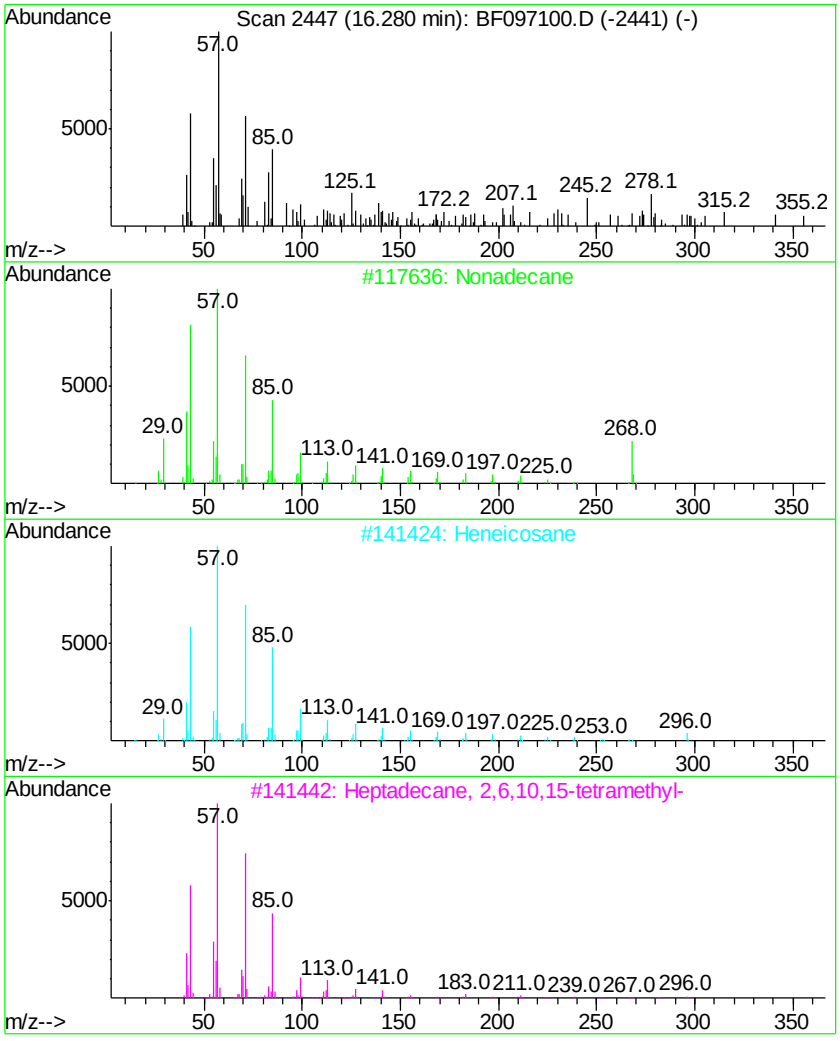
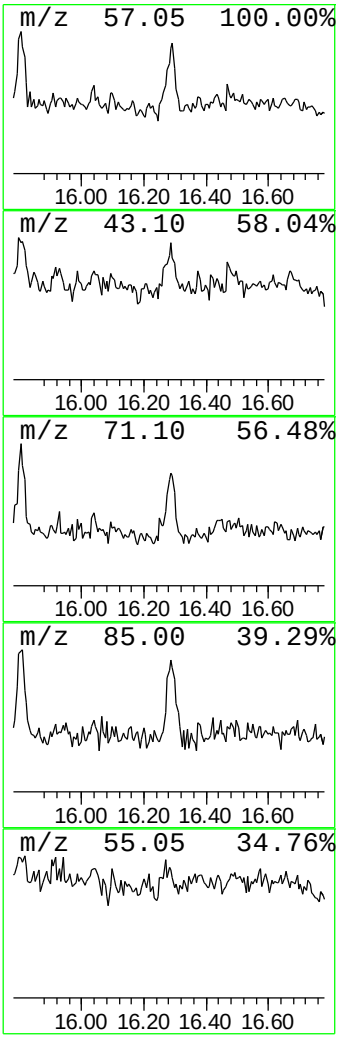
Peak Number 20 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	6.46 ng	127278	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	78
2	Heneicosane	296	C21H44	000629-94-7	60
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	60
4	Triacontane	422	C30H62	000638-68-6	53
5	Undecane	156	C11H24	001120-21-4	53





Tentatively Identified Compound (LSC) summary

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Data File : BF097100.D
Acq On : 27 Jul 2017 2:47
Operator : SJ/JU
Sample : I4391-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-072117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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
3-Penten-2-one, 4...	3.92	4.7	ng	138179	1	6.49	587046	20.0
2-Pentanone, 4-hy...	4.63	18.9	ng	555447	1	6.49	587046	20.0
unknown6.27	6.27	71.4	ng	2096230	1	6.49	587046	20.0
Eicosane	10.45	3.2	ng	97988	4	11.00	606704	20.0
Hexadecanoic acid...	11.42	50.9	ng	1545260	4	11.00	606704	20.0
n-Hexadecanoic acid	11.56	3.9	ng	118761	4	11.00	606704	20.0
Methyl 9-cis,11-t...	12.11	133.9	ng	4060560	4	11.00	606704	20.0
11-Octadecenoic a...	12.13	112.7	ng	3417510	4	11.00	606704	20.0
Hexadecanoic acid...	12.93	2.8	ng	96783	5	13.63	682429	20.0
Octacosanol	13.50	4.8	ng	164251	5	13.63	682429	20.0
1-Octadecanesulph...	14.13	3.2	ng	107901	5	13.63	682429	20.0
Octadecane	14.42	6.3	ng	125115	6	14.97	394245	20.0
Heneicosane	14.71	5.6	ng	110425	6	14.97	394245	20.0
Benzo[e]pyrene	14.87	3.4	ng	66393	6	14.97	394245	20.0
Hexadecane	15.39	5.5	ng	107670	6	14.97	394245	20.0
unknown15.92	15.92	6.3	ng	124338	6	14.97	394245	20.0
Dibenzo[def,mno]c...	16.21	5.0	ng	98113	6	14.97	394245	20.0
Nonadecane	16.28	6.5	ng	127278	6	14.97	394245	20.0