LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097701.D
Acq On : 15 Aug 2017 20:00
Operator : SJ/JU
Sample : I4755-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-081117-B

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	495	rVB	47919	44271	2.27%	0.218%
2	5.375	555	559	563	rBV	648320	538124	27.55%	2.650%
3	6.398	729	733	737	rBV	655593	561690	28.75%	2.766%
4	6.540	754	757	761	rBV	617358	556520	28.49%	2.741%
5	6.781	794	798	801	rBV	1135509	889381	45.53%	4.380%
6	6.934	821	824	828	rVB	501740	418975	21.45%	2.063%
7	7.340	889	893	896	rBV	378378	316096	16.18%	1.557%
8	8.063	1012	1016	1019	rBV	1398007	1193755	61.11%	5.879%
9	8.363	1062	1067	1070	rBV4	13771	22359	1.14%	0.110%
10	8.492	1085	1089	1091	rBV	24473	25698	1.32%	0.127%
11	8.663	1114	1118	1121	rBV	66079	59498	3.05%	0.293%
12	8.886	1150	1156	1158	rBV4	20845	25600	1.31%	0.126%
13	9.092	1189	1191	1195	rVB2	38763	37006	1.89%	0.182%
14	9.139	1195	1199	1202	rBV	820891	620790	31.78%	3.057%
15	9.228	1211	1214	1219	rBV	115976	102012	5.22%	0.502%
16	9.292	1219	1225	1227	rBV5	18906	29728	1.52%	0.146%
17	9.410	1238	1245	1250	rBV7	22882	50124	2.57%	0.247%
18	9.457	1250	1253	1255	rBV3	21468	24356	1.25%	0.120%
19	9.533	1263	1266	1271	rBV2	145313	176267	9.02%	0.868%
20	9.569	1271	1272	1275	rVV3	40931	31580	1.62%	0.156%
21	9.604	1275	1278	1281	rVB3	26744	26777	1.37%	0.132%
22	9.757	1302	1304	1308	rVB	159659	129554	6.63%	0.638%
23	9.816	1308	1314	1318	rBV2	1383646	1275350	65.29%	6.281%
24	9.986	1340	1343	1347	rBV3	29044	52396	2.68%	0.258%
25	10.081	1356	1359	1363	rBV3	43840	42766	2.19%	0.211%
26	10.257	1382	1389	1392	rBV	228693	199846	10.23%	0.984%
27	10.480	1420	1427	1430	rBV	96118	128767	6.59%	0.634%
28	10.533	1433	1436	1438	rVB3	25146	25692	1.32%	0.127%
29	10.563	1438	1441	1444	rBV2	33908	33693	1.72%	0.166%
30	10.598	1444	1447	1451	rVB	456464	358970	18.38%	1.768%
31	10.733	1467	1470	1477	rVB	237971	292368	14.97%	1.440%
32	11.057	1522	1525	1531	rVB4	31919	43318	2.22%	0.213%
33	11.180	1543	1546	1548	rBV	269012	205873	10.54%	1.014%
34	11.210	1548	1551	1557	rVB	105497	109733	5.62%	0.540%

LSC Area Percent Report

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Acq On : 15 Aug 2017 20:00
Operator : SJ/JU
Sample : I4755-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-081117-B

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	11.298	1562	1566	1569	rBV	1390888	1208830	61.88%	5.953%
36	11.322	1569	1570	1573	rVB	100023	53274	2.73%	0.262%
37	11.369	1573	1578	1581	rBV3	37828	44521	2.28%	0.219%
38	11.451	1590	1592	1595	rVB2	25421	21551	1.10%	0.106%
39	11.522	1602	1604	1608	rBV3	17694	23516	1.20%	0.116%
40	11.604	1615	1618	1621	rBV	199930	168629	8.63%	0.830%
41	11.704	1632	1635	1639	rVB	912202	708327	36.26%	3.488%
42	11.833	1654	1657	1661	rBV2	127284	130565	6.68%	0.643%
43	11.869	1661	1663	1667	rVB2	26736	26595	1.36%	0.131%
44	11.910	1667	1670	1672	rBV2	59501	62986	3.22%	0.310%
45	12.016	1684	1688	1693	rVB	156680	165141	8.45%	0.813%
46	12.169	1712	1714	1721	rVB7	17372	25577	1.31%	0.126%
47	12.298	1733	1736	1739	rVB2	29578	29437	1.51%	0.145%
48	12.351	1742	1745	1748	rVB3	36196	36012	1.84%	0.177%
49	12.392	1748	1752	1754	rBV	1841207	1785728	91.42%	8.794%
50	12.416	1754	1756	1764	rVB	2178575	1953370	100.00%	9.620%
51	12.498	1767	1770	1773	rBV2	732941	690880	35.37%	3.402%
52	12.551	1776	1779	1789	rVV	480104	587943	30.10%	2.895%
53	12.622	1789	1791	1796	rVB	77572	85231	4.36%	0.420%
54	12.733	1805	1810	1814	rBV	271270	253106	12.96%	1.246%
55	12.774	1814	1817	1819	rVV	81231	63029	3.23%	0.310%
56	12.886	1832	1836	1840	rVB	518367	487558	24.96%	2.401%
57	12.992	1850	1854	1859	rVB5	39469	56328	2.88%	0.277%
58	13.057	1862	1865	1875	rVV2	108167	174985	8.96%	0.862%
59	13.133	1875	1878	1882	rVV3	96273	157370	8.06%	0.775%
60	13.169	1882	1884	1887	rVV2	35634	31111	1.59%	0.153%
61	13.221	1890	1893	1898	rVV2	82012	128086	6.56%	0.631%
62	13.280	1901	1903	1909	rVV4	73409	97875	5.01%	0.482%
63	13.333	1909	1912	1915	rVV5	23788	29432	1.51%	0.145%
64	13.380	1917	1920	1924	rVV6	32924	40940	2.10%	0.202%
65	13.427	1925	1928	1932	rVV5	39589	42504	2.18%	0.209%
66	13.474	1933	1936	1939	rVB	43159	43350	2.22%	0.213%
67	13.892	2004	2007	2009	rBV	68383	55097	2.82%	0.271%
68	13.933	2009	2014	2017	rVV	899616	904636	46.31%	4.455%
69	13.957	2017	2018	2020	rVB	65437	34129	1.75%	0.168%
70	14.116	2043	2045	2049	rBV2	36489	27752	1.42%	0.137%
71	14.510	2110	2112	2116	rVB5	27173	26986	1.38%	0.133%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I4755-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-081117-B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

72	14.727	2146	2149	2154	rBV4	33585	46356	2.37%	0.228%
73	14.951	2184	2187	2194	rBV	60252	109965	5.63%	0.542%
74	15.057	2202	2205	2211	rVB2	52922	59796	3.06%	0.294%
75	15.239	2234	2236	2240	rVB	57154	61644	3.16%	0.304%
76	15.298	2243	2246	2250	rBV	64262	72534	3.71%	0.357%
77	15.363	2252	2257	2261	rBV	642477	752306	38.51%	3.705%
78	16.480	2444	2447	2453	rVB5	57674	91490	4.68%	0.451%

Sum of corrected areas: 20305411

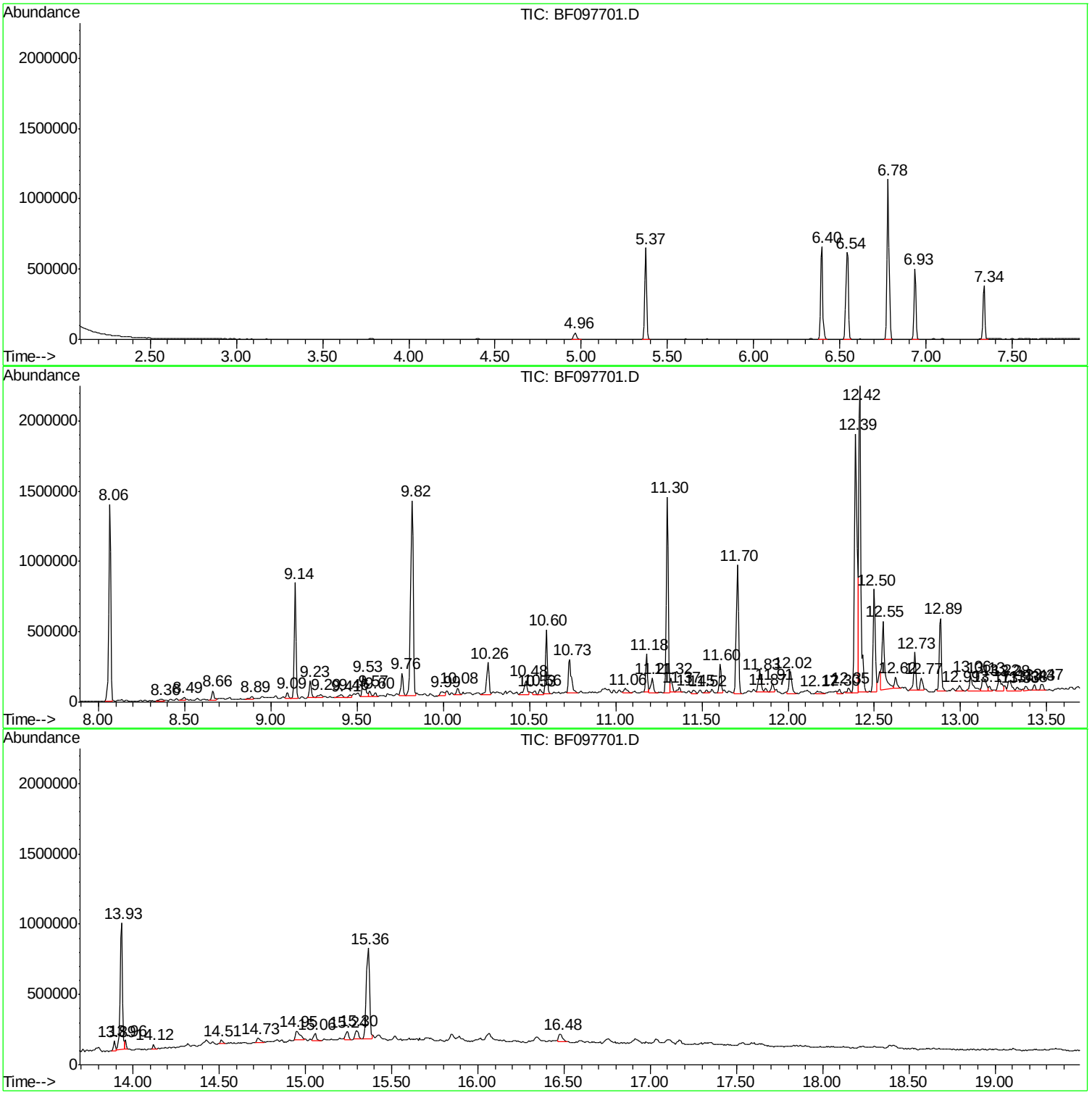
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097701.D
Acq On : 15 Aug 2017 20:00
Operator : SJ/JU
Sample : I4755-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SA-06-081117-B

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097701.D
Acq On : 15 Aug 2017 20:00
Operator : SJ/JU
Sample : I4755-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-081117-B

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

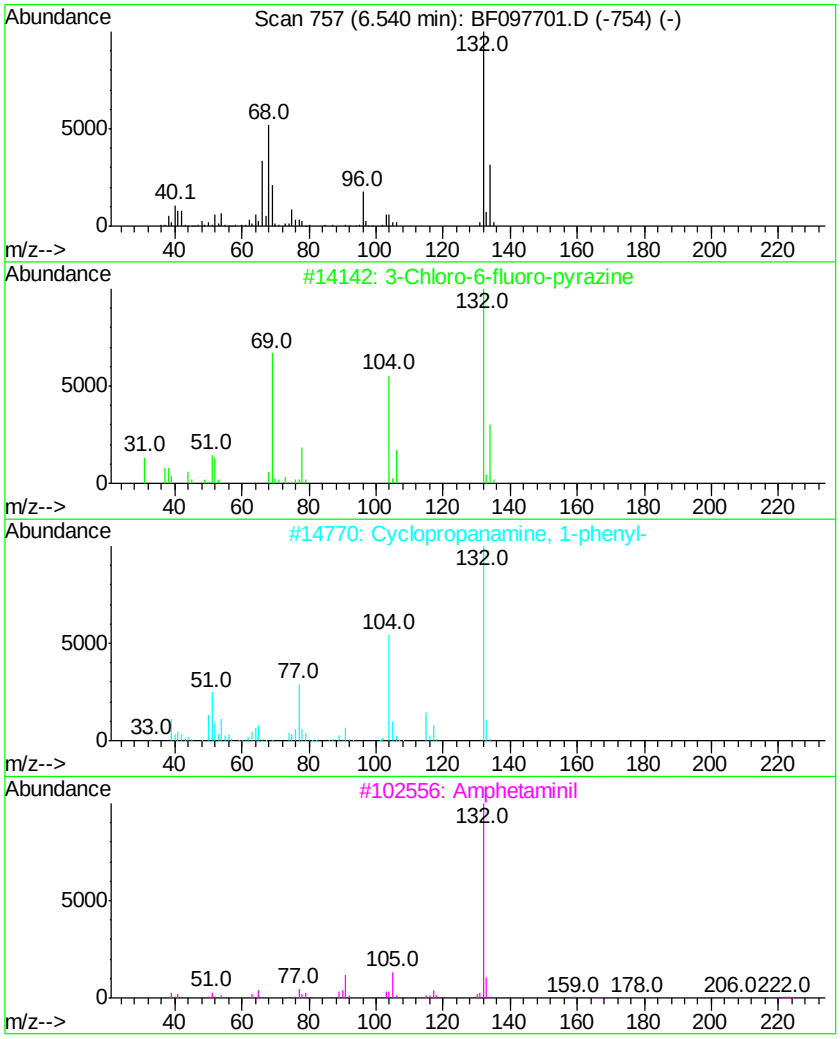
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

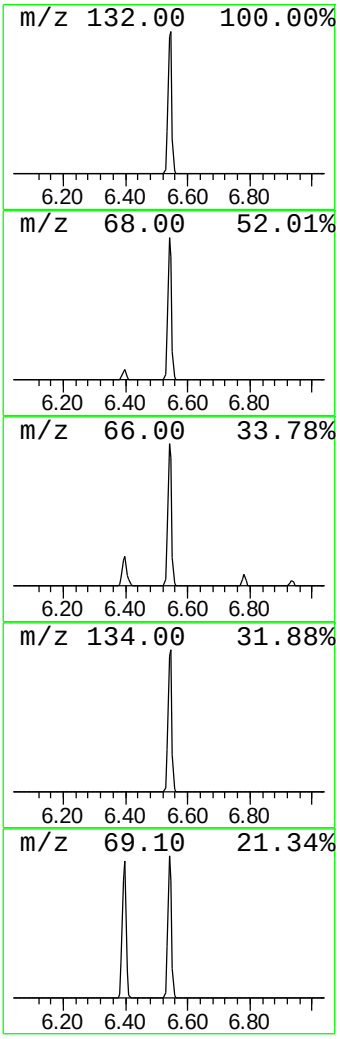
****

Peak Number 1 unknown6.54 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	12.51 ng	556520	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
3	Amphetaminil	250	C17H18N2	017590-01-1	10
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
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Operator : SJ/JU
Sample : I4755-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-081117-B

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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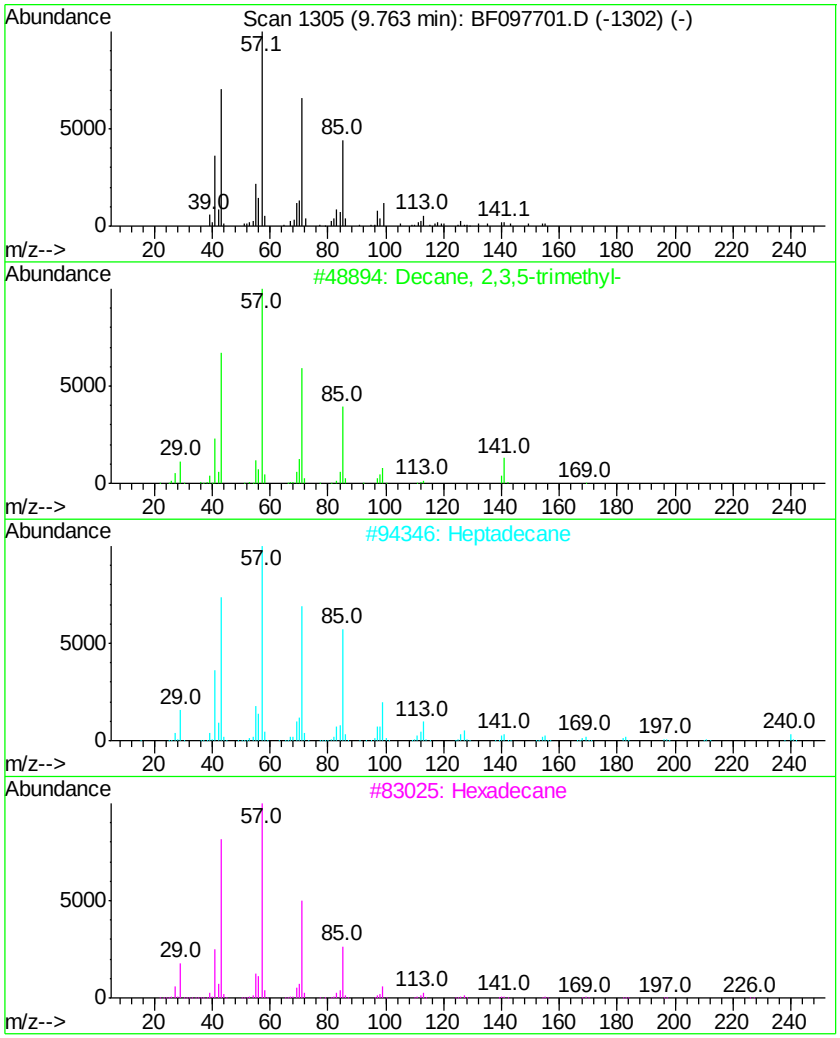
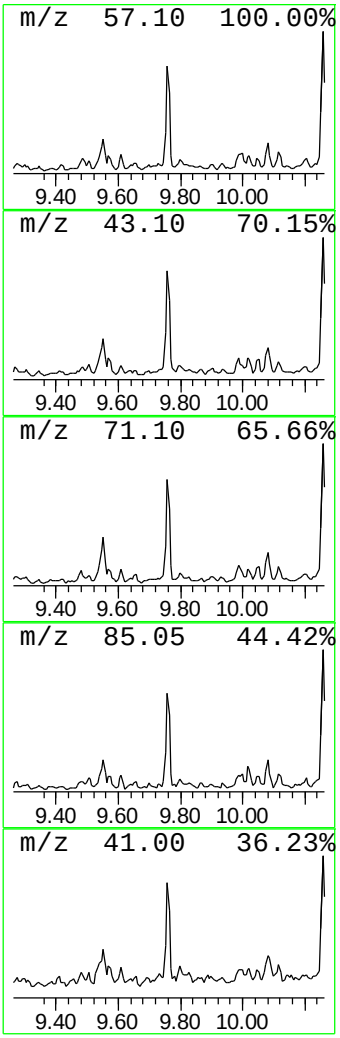
Peak Number 4 Decane, 2,3,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	2.03 ng	129554	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
2	Heptadecane	240	C17H36	000629-78-7	83
3	Hexadecane	226	C16H34	000544-76-3	80
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	78
5	Pentadecane	212	C15H32	000629-62-9	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097701.D
Acq On : 15 Aug 2017 20:00
Operator : SJ/JU
Sample : I4755-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-081117-B

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
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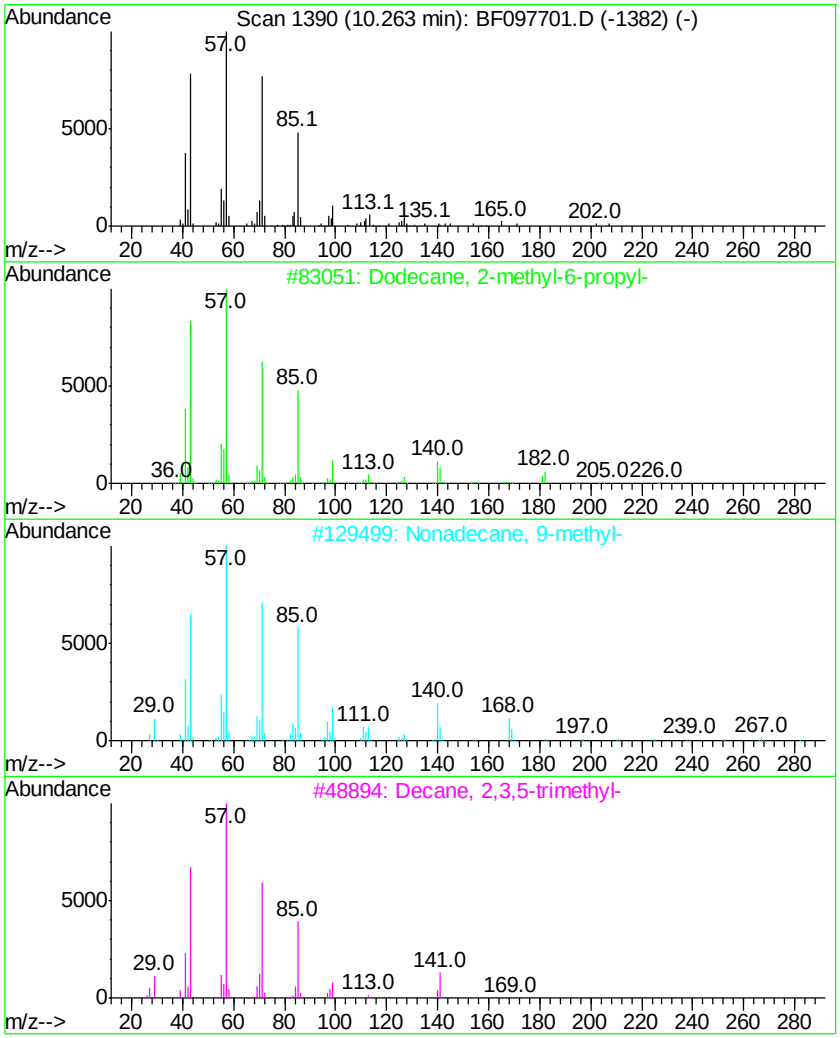
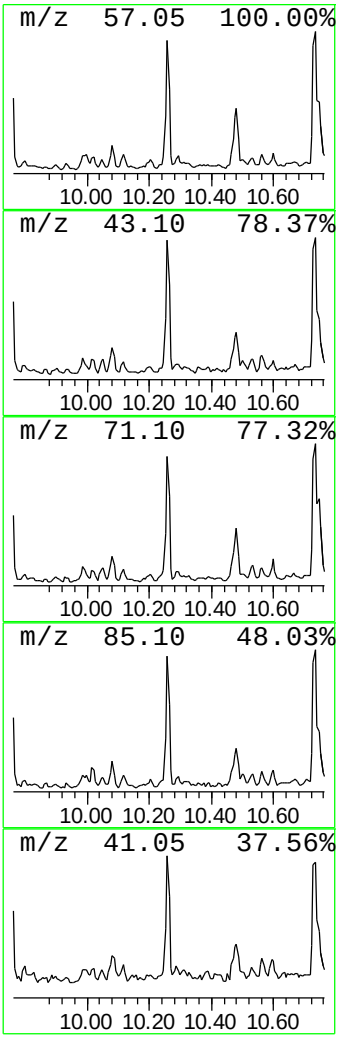
****

Peak Number 5 Dodecane, 2-methyl-6-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	3.13 ng	199846	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	78





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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
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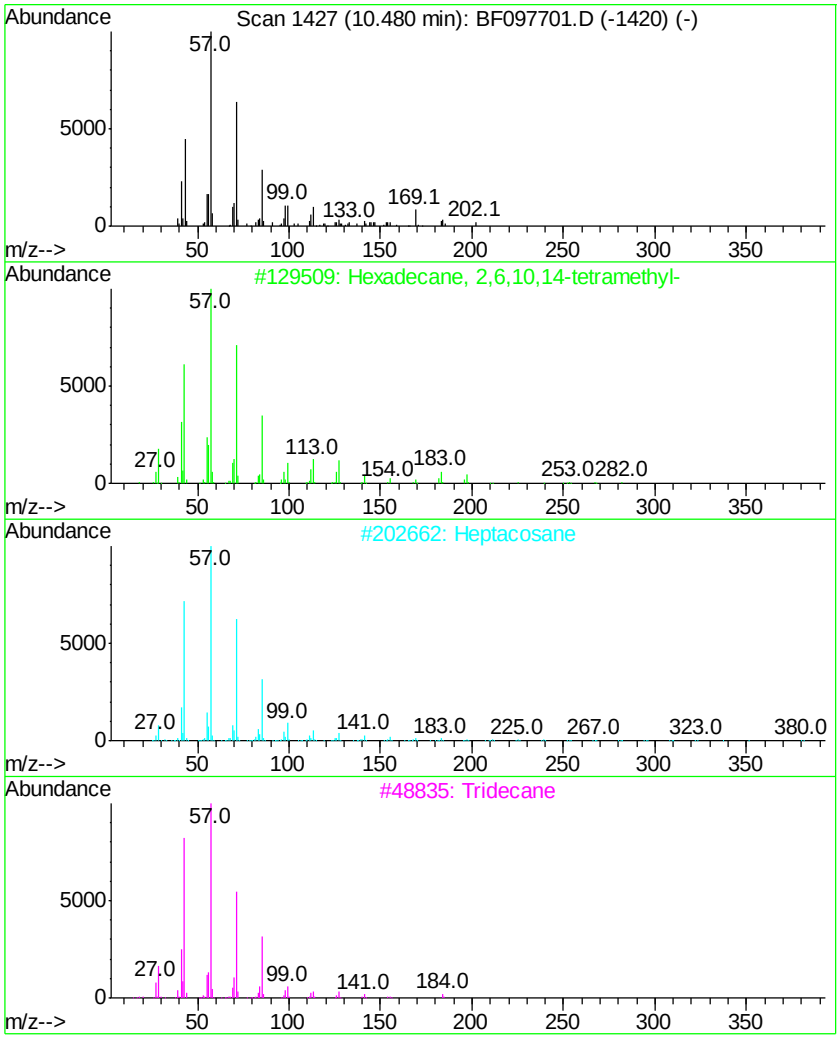
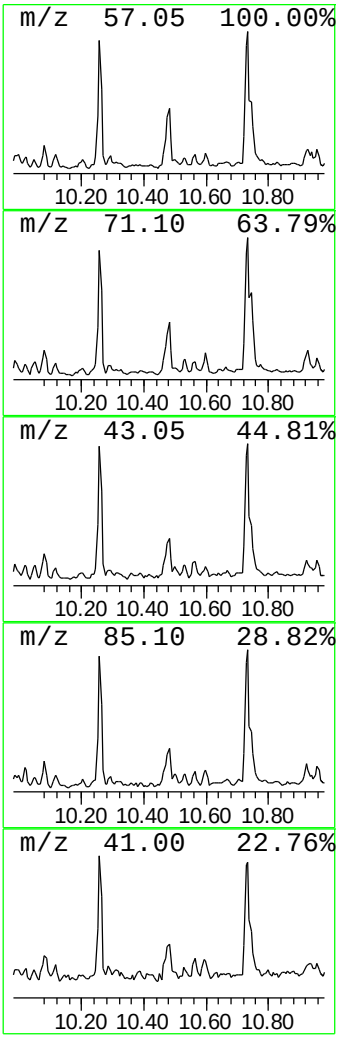
Peak Number 6 Hexadecane, 2,6,10,14-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	2.02 ng	128767	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
2	Heptacosane	380	C27H56	000593-49-7	80
3	Tridecane	184	C13H28	000629-50-5	74
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72
5	Hexadecane	226	C16H34	000544-76-3	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
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Acq On : 15 Aug 2017 20:00
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Sample : I4755-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-081117-B

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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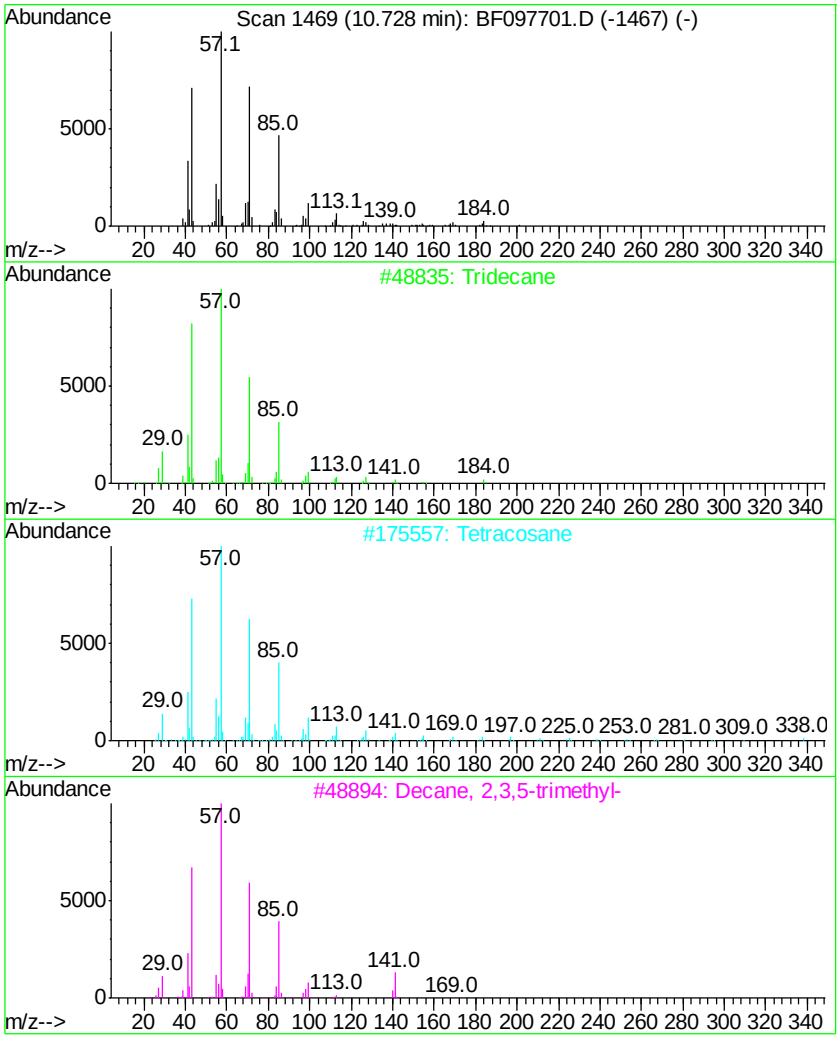
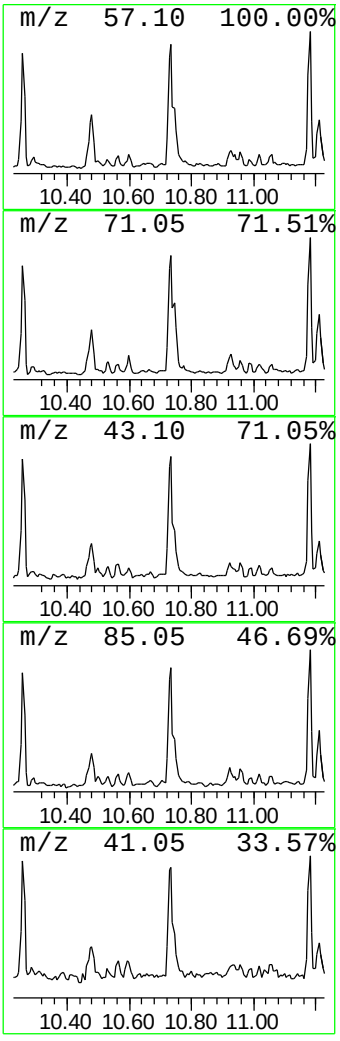
Peak Number 7 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	4.84 ng	292368	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetracosane	338	C24H50	000646-31-1	87
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Nonadecane	268	C19H40	000629-92-5	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097701.D
Acq On : 15 Aug 2017 20:00
Operator : SJ/JU
Sample : I4755-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-081117-B

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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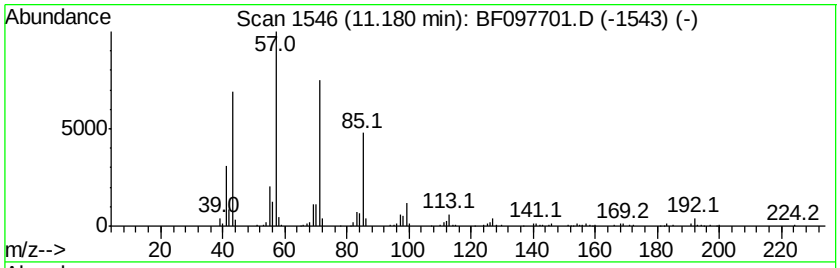
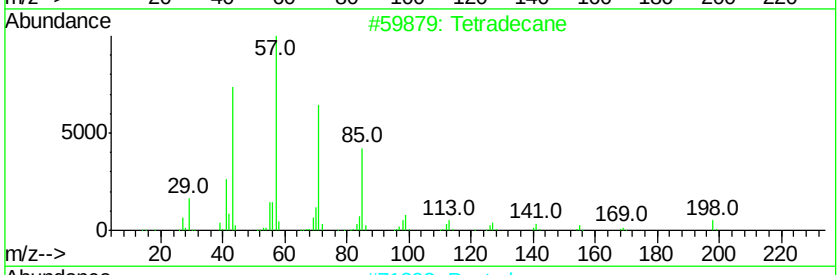
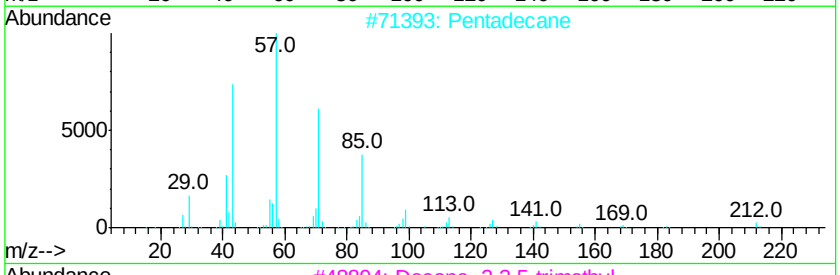
Peak Number 8 Tetradecane Concentration Rank 9

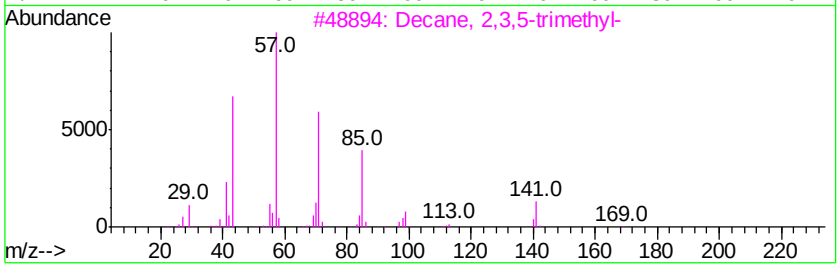
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	3.41 ng	205873	Phenanthrene-d10	11.30

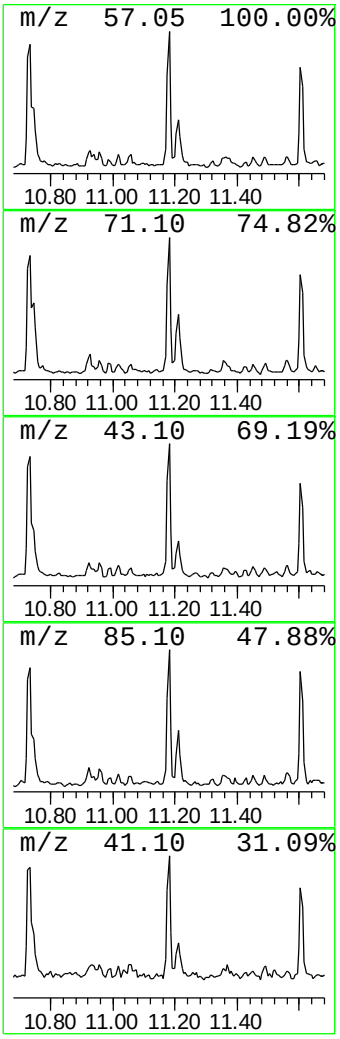
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Pentadecane	212	C15H32	000629-62-9	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Hexadecane	226	C16H34	000544-76-3	86











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Acq On : 15 Aug 2017 20:00
Operator : SJ/JU
Sample : I4755-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-081117-B

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

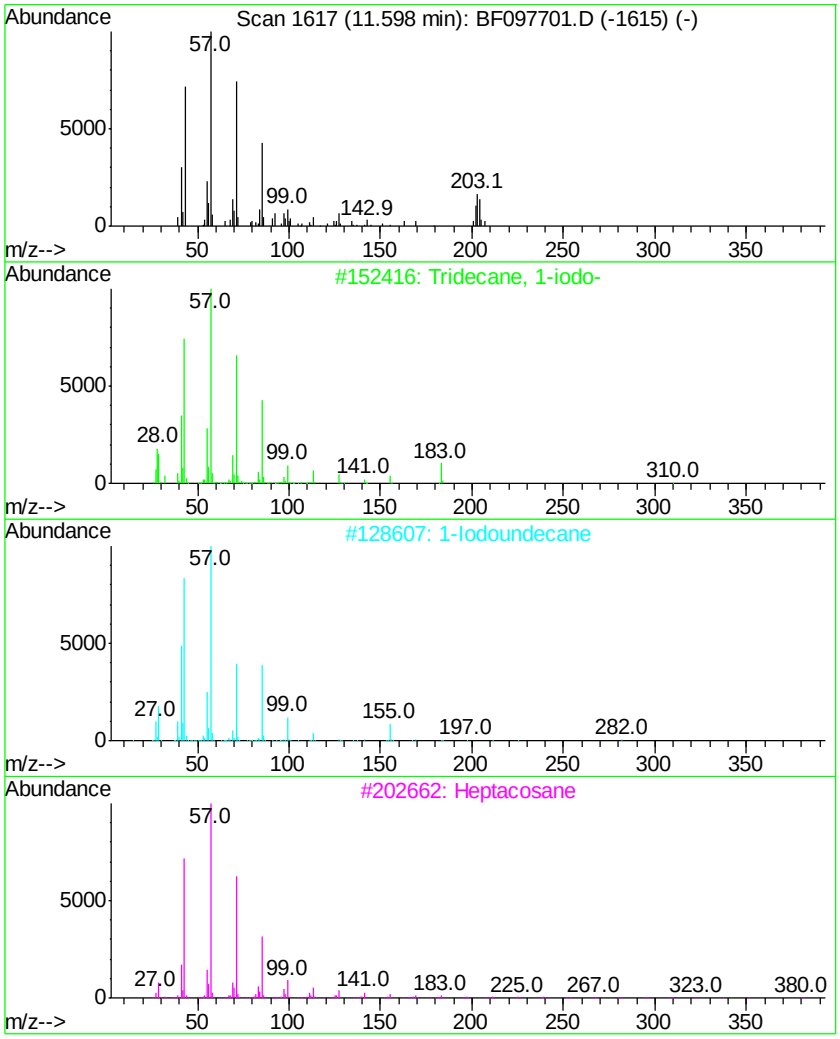
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

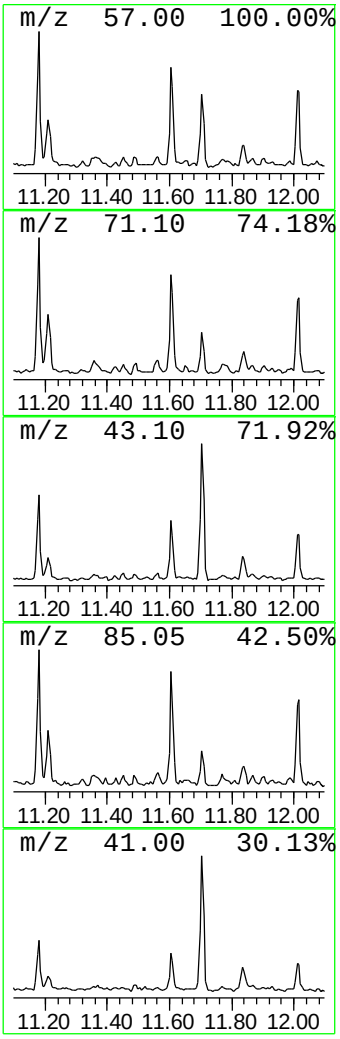
****

Peak Number 9 Tridecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	2.79 ng	168629	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2	1-Iodoundecane	282	C11H23I	004282-44-4	72
3	Heptacosane	380	C27H56	000593-49-7	72
4	Eicosane	282	C20H42	000112-95-8	64
5	Tetracosane	338	C24H50	000646-31-1	64





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Misc :
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Instrument : BNA_F
ClientSampleId : SA-06-081117-B

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

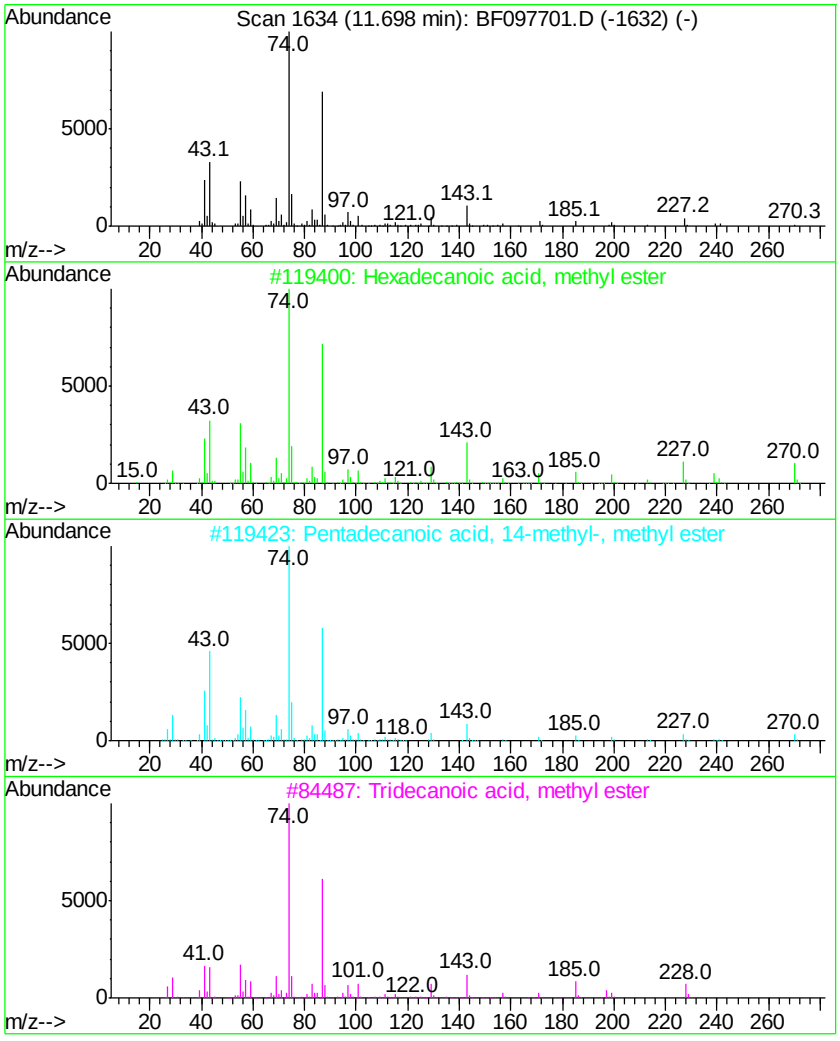
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

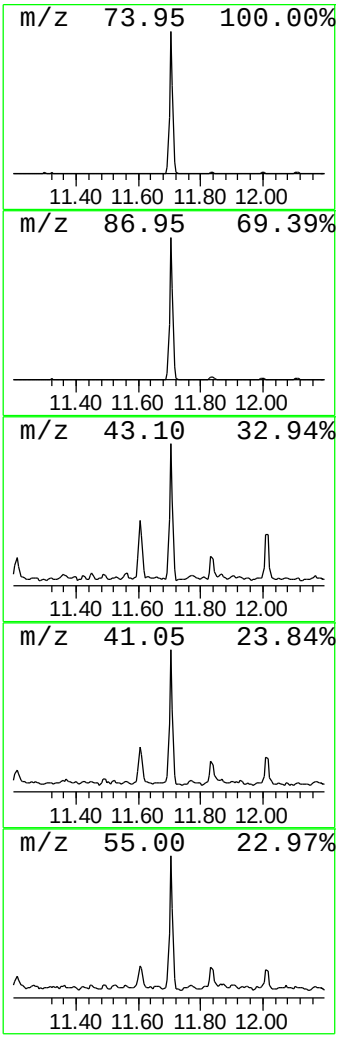
****

Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	11.72 ng	708327	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	91
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90





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Sample : I4755-04 5X
Misc :
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Instrument : BNA_F
ClientSampleId : SA-06-081117-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

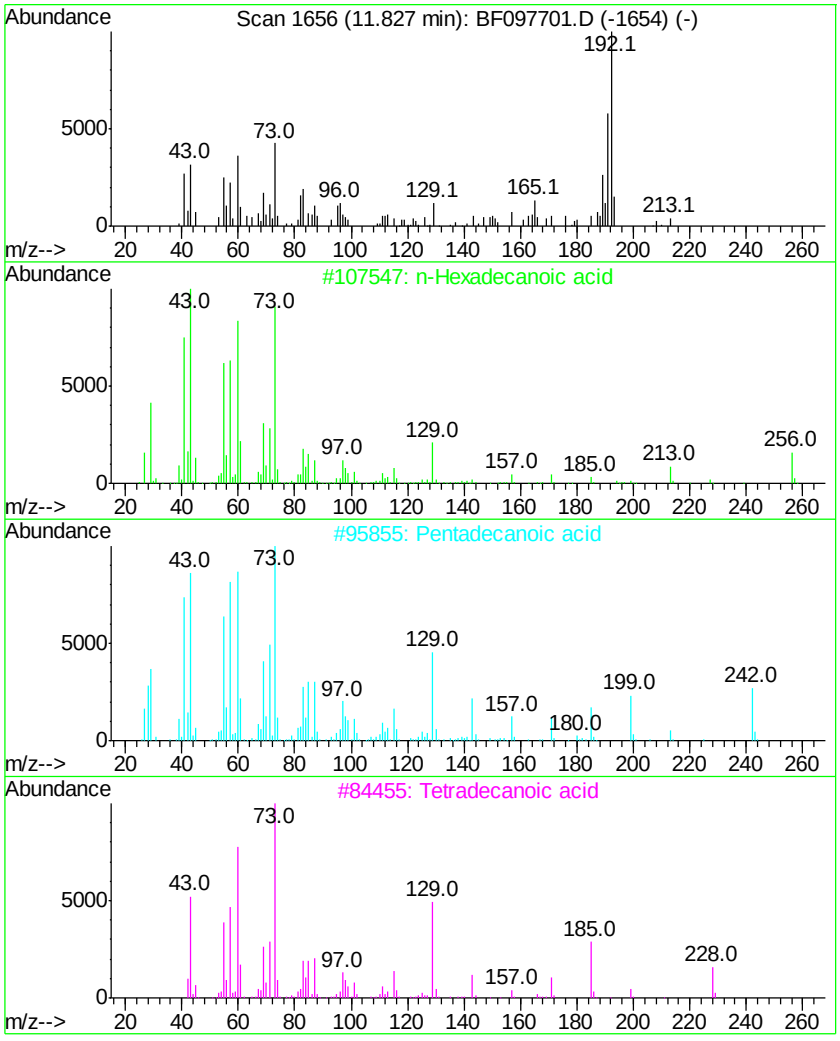
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

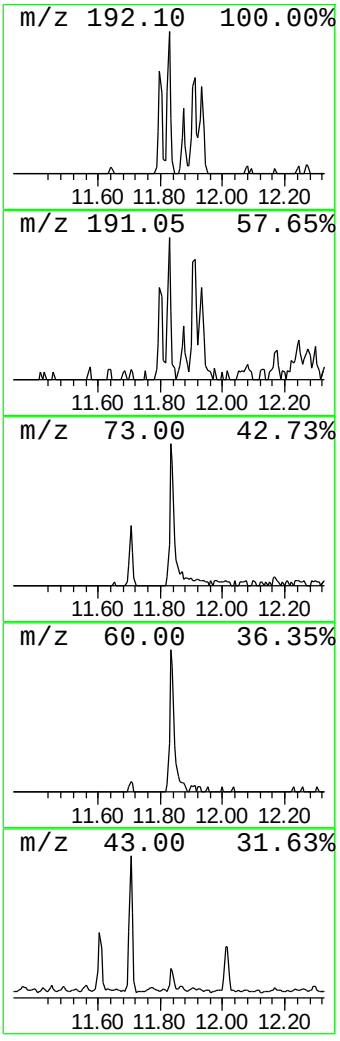
****

Peak Number 11 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.16 ng	130565	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4	Tridecanoic acid	214	C13H26O2	000638-53-9	49
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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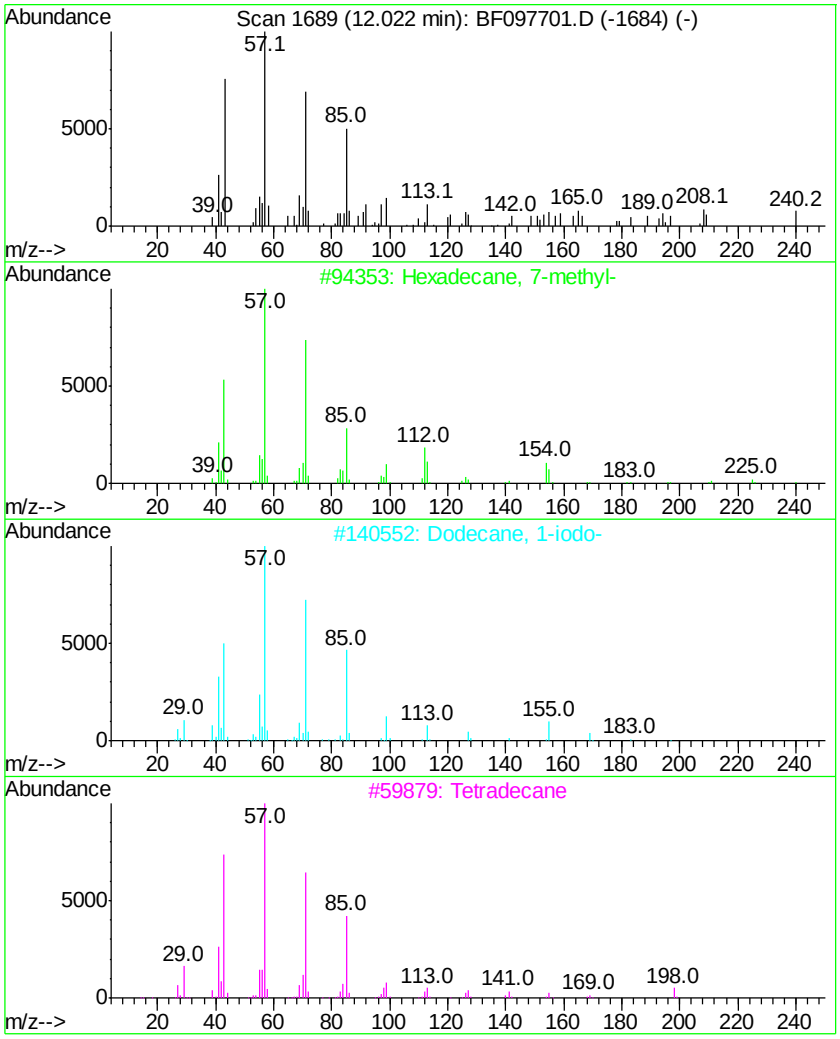
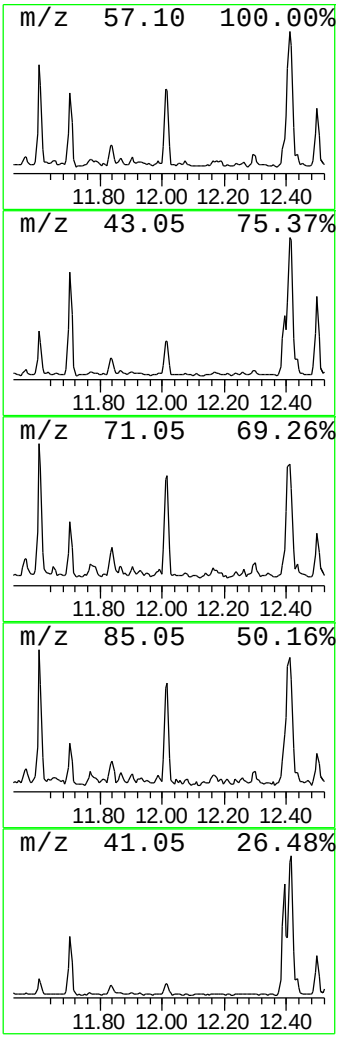
Peak Number 12 Hexadecane, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.73 ng	165141	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	89
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3	Tetradecane	198	C14H30	000629-59-4	80
4	Hexadecane	226	C16H34	000544-76-3	72
5	Heneicosane	296	C21H44	000629-94-7	72





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ALS Vial : 16 Sample Multiplier: 1

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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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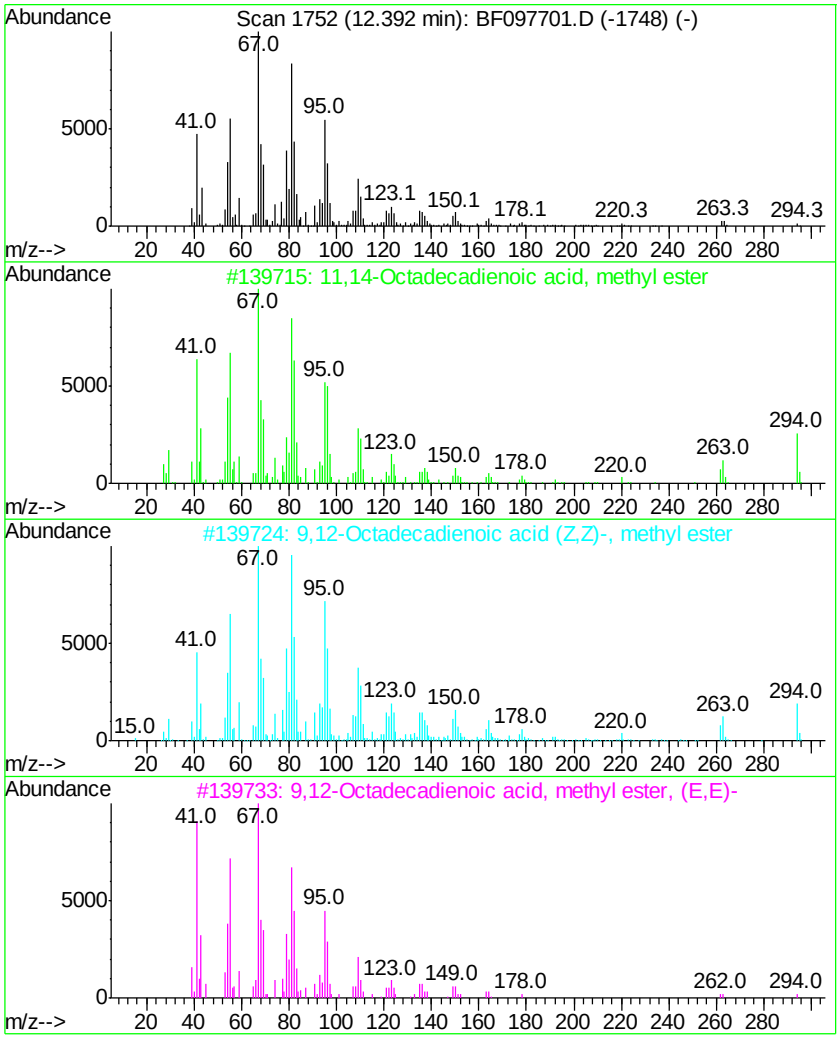
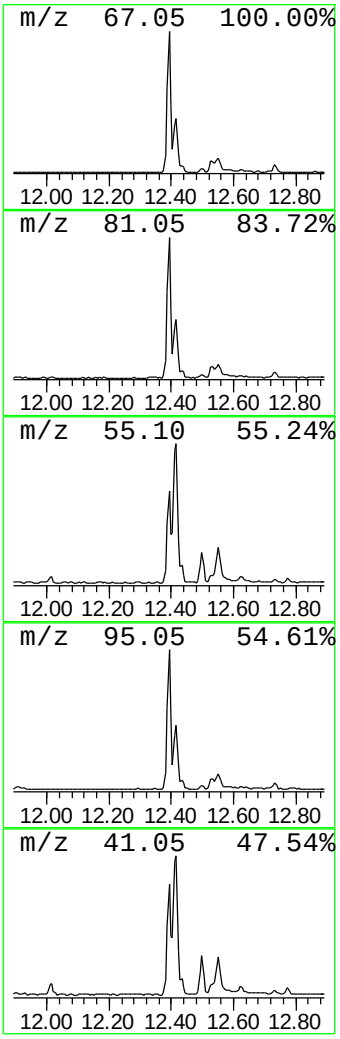
Peak Number 13 11,14-Octadecadienoic acid,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	29.54 ng	1785730	Phenanthrene-d10	11.30

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





Library Search Compound Report

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Operator : SJ/JU
Sample : I4755-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-081117-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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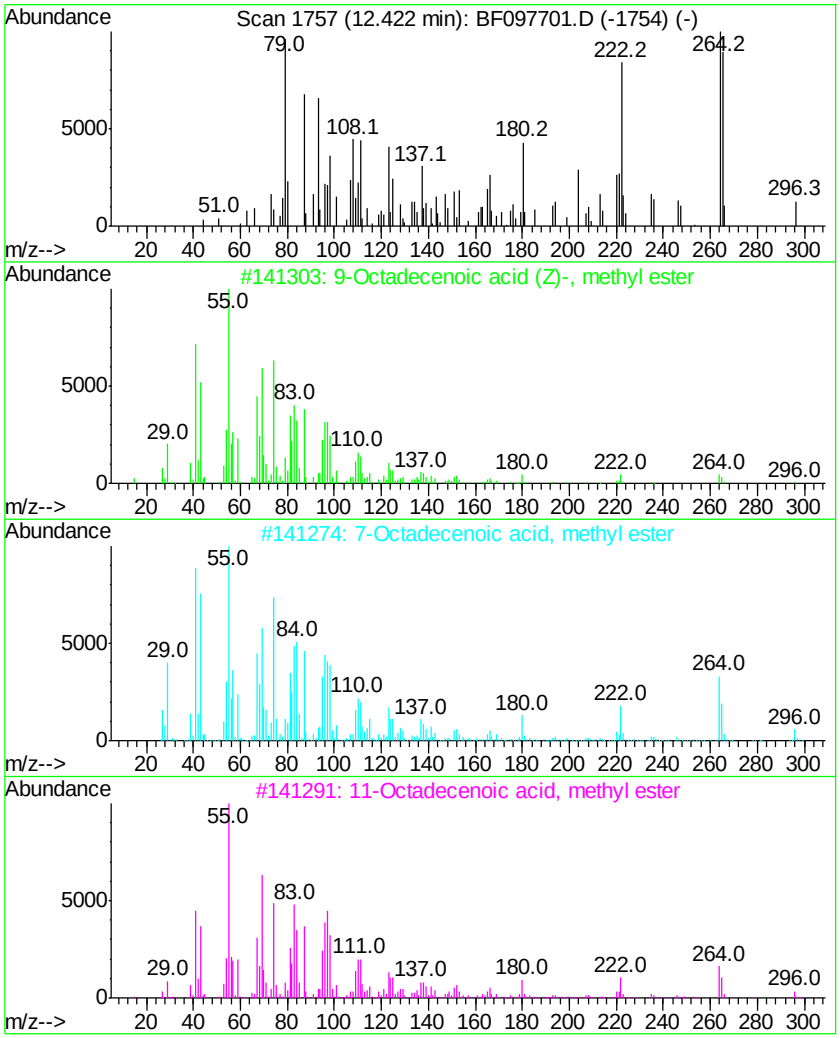
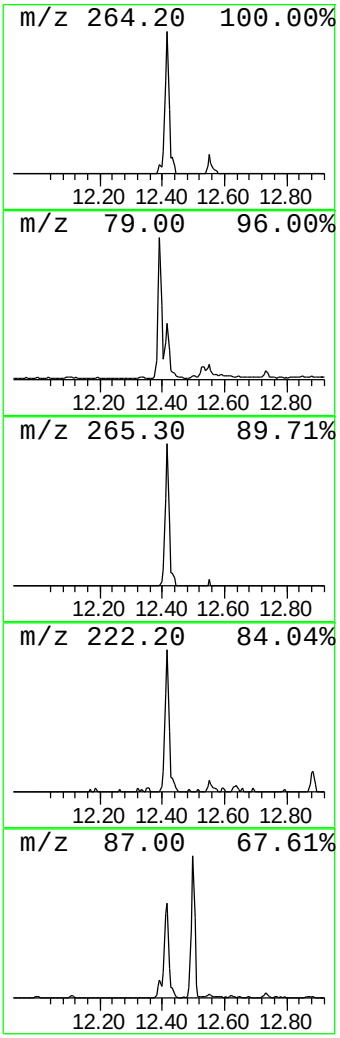
Peak Number 14 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	32.32 ng	1953370	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	96
4	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	96
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91





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Sample : I4755-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-081117-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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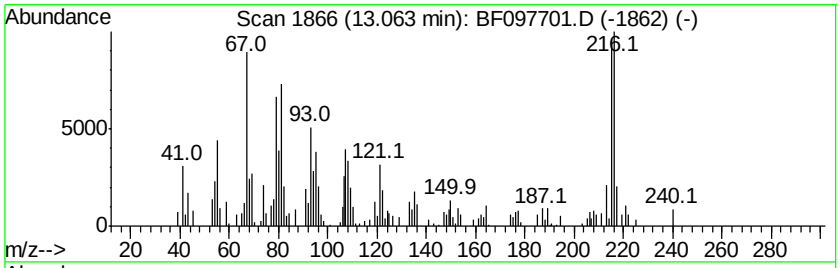
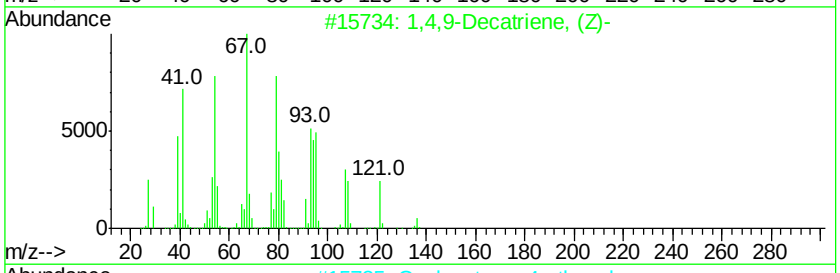
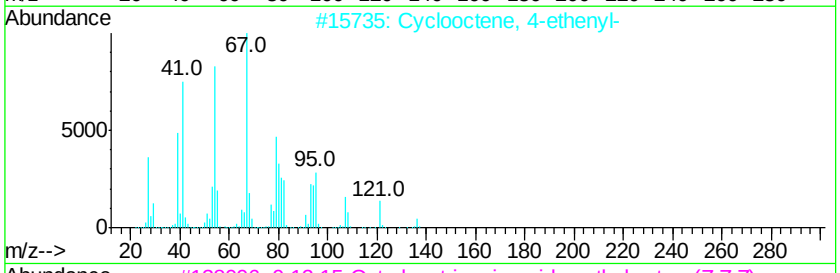
Peak Number 15 1,4,9-Decatriene, (Z)- Concentration Rank 7

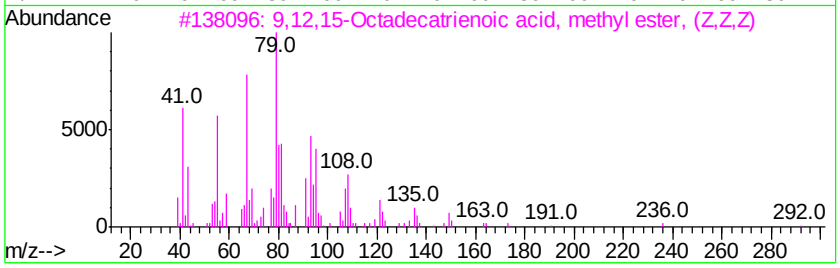
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	3.87 ng	174985	Chrysene-d12	13.93

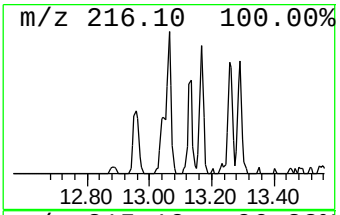
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,9-Decatriene, (Z)-	136	C10H16	1000155-93-2	53
2	Cyclooctene, 4-ethenyl-	136	C10H16	001124-45-4	49
3	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	45
4	cis,cis,cis-7,10,13-Hexadecatrienal	234	C16H26O	056797-43-4	43
5	1,5-Cyclododecadiene, (Z,Z)-	164	C12H20	031821-17-7	38

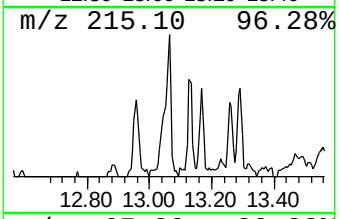


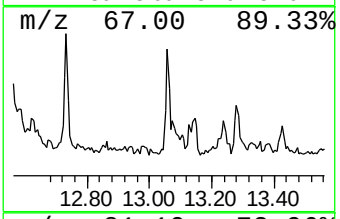


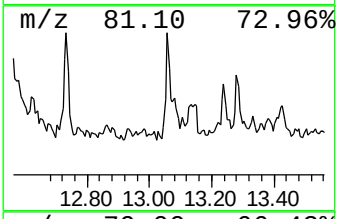


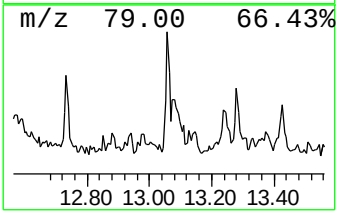












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Acq On : 15 Aug 2017 20:00
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-081117-B

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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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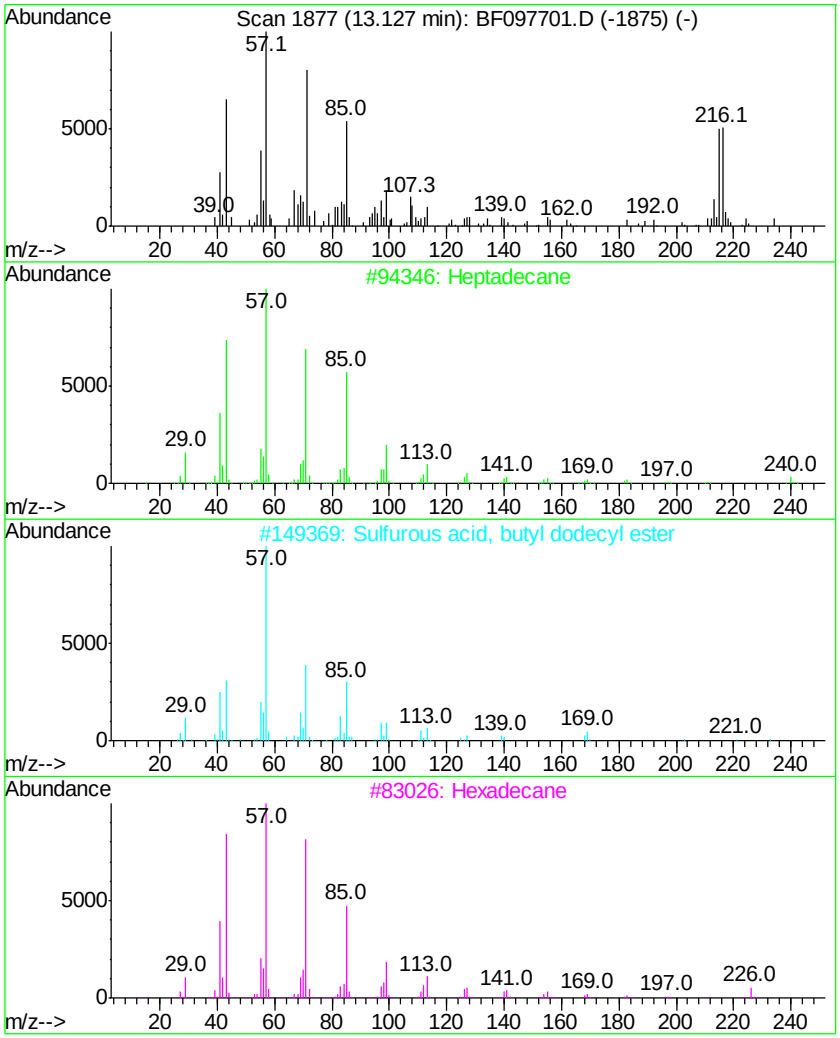
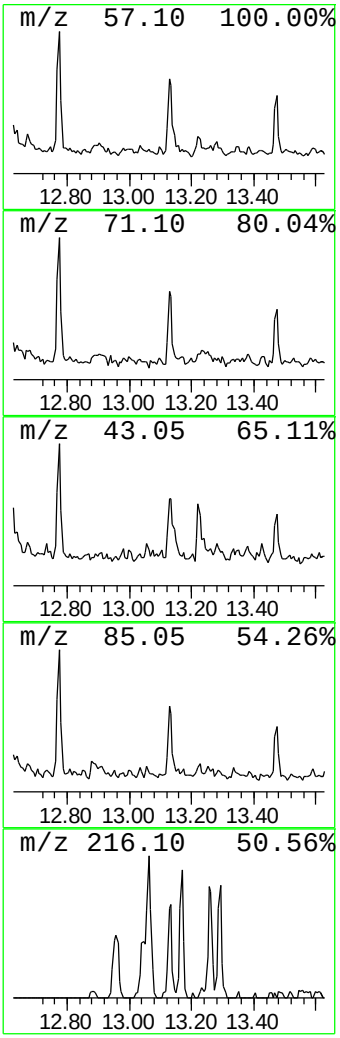
Peak Number 16 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	3.48 ng	157370	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	46
3	Hexadecane	226	C16H34	000544-76-3	46
4	Heptacosane	380	C27H56	000593-49-7	46
5	Hexacosane	366	C26H54	000630-01-3	46





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TIC Integration Parameters: LSCINT.P

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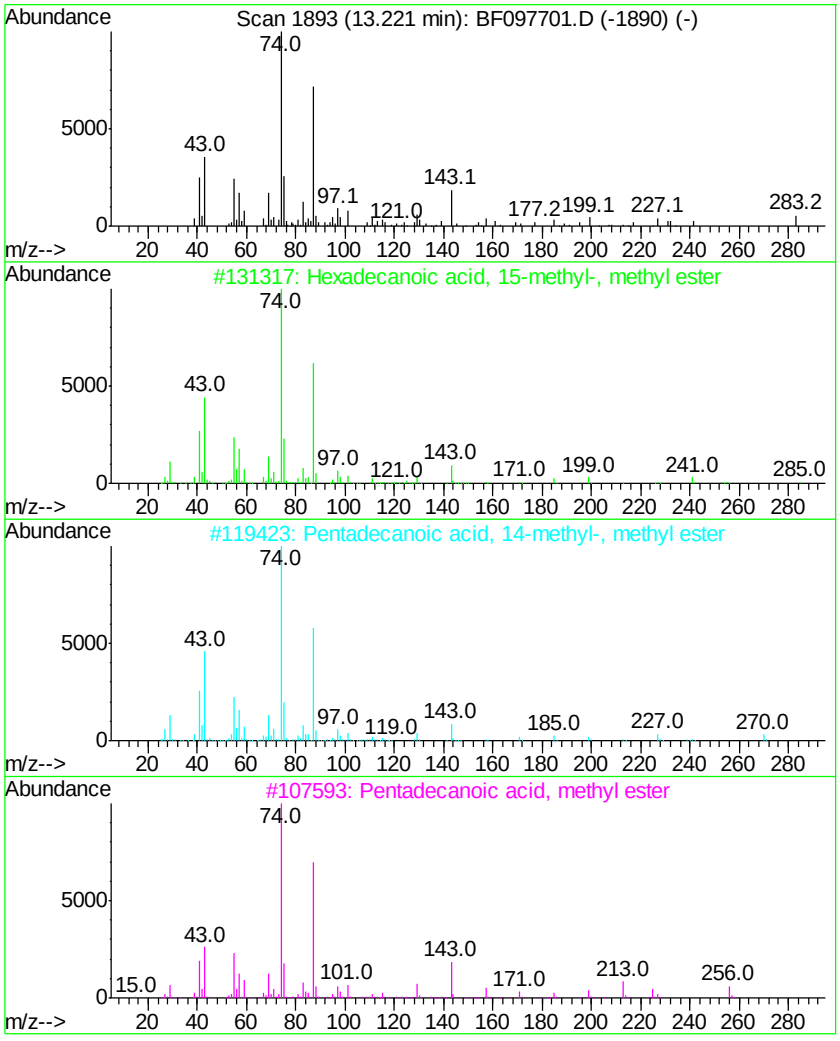
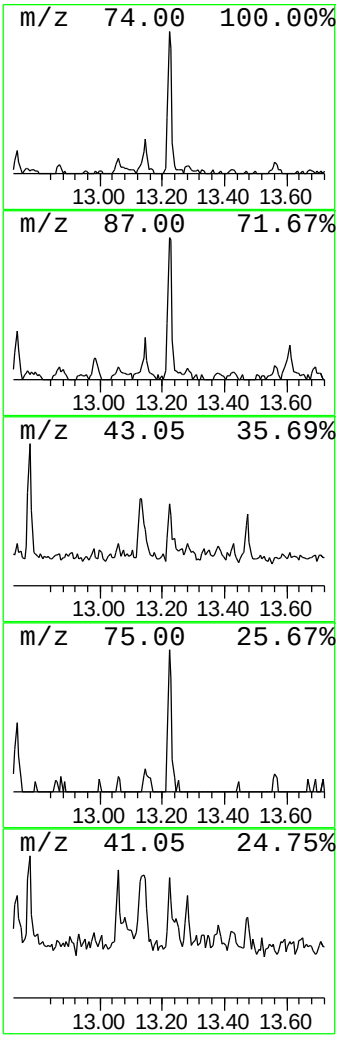
Peak Number 17 Hexadecanoic acid, 15-methy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.83 ng	128086	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	86
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	78





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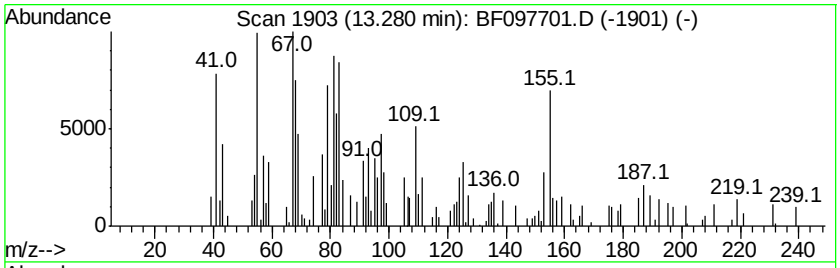
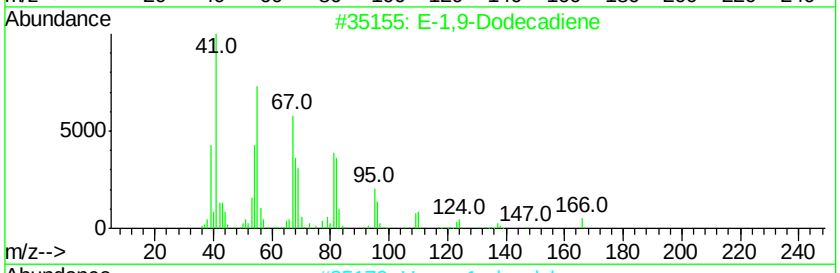
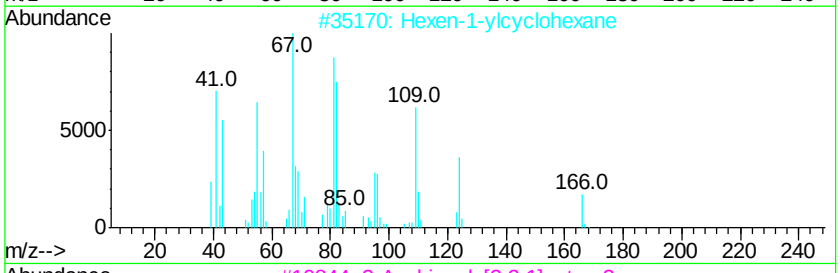
Peak Number 18 unknown13.28 Concentration Rank 16

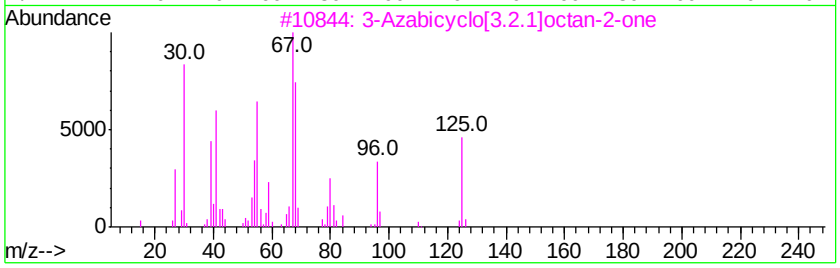
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	2.16 ng	97875	Chrysene-d12	13.93

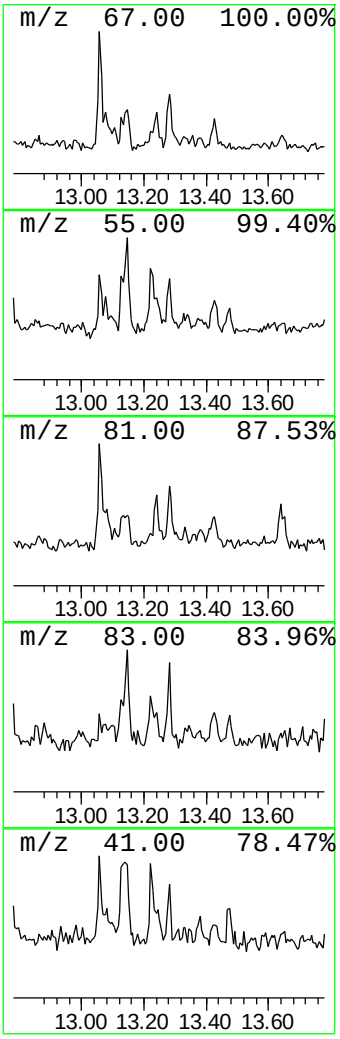
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-1,9-Dodecadiene	166	C12H22	1000245-70-8	49
2	Hexen-1-ylcyclohexane	166	C12H22	067975-92-2	41
3	3-Azabicyclo[3.2.1]octan-2-one	125	C7H11NO	016994-00-6	25
4	1,2-Epoxy-5,9-cyclododecadiene	178	C12H18O	000943-93-1	25
5	cis-1,4-Dimethyl-2-methylenecycl...	124	C9H16	019781-46-5	25











Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097701.D
Acq On : 15 Aug 2017 20:00
Operator : SJ/JU
Sample : I4755-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-081117-B

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

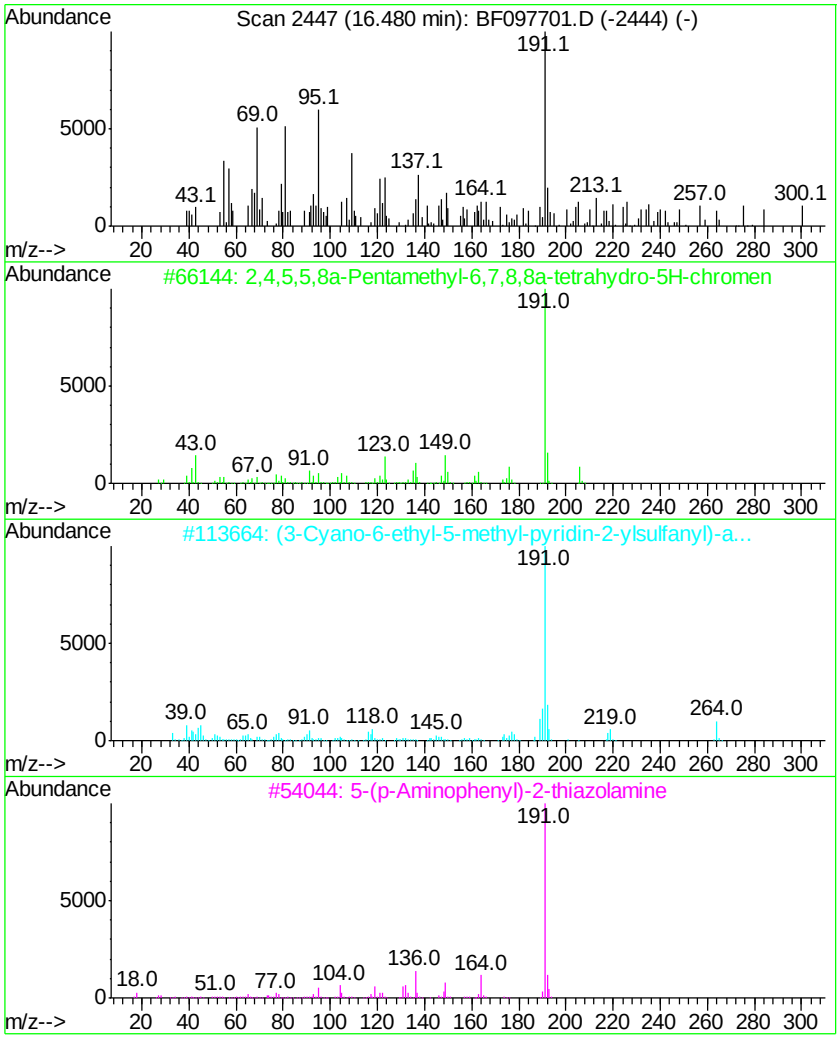
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

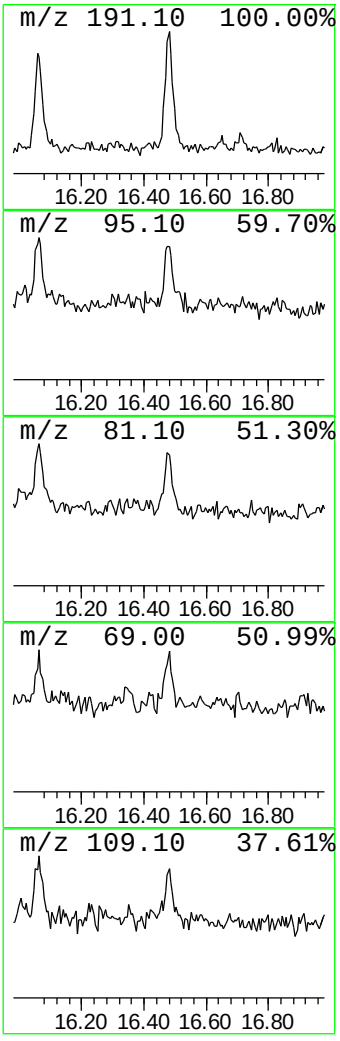
****

Peak Number 19 unknown16.48 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	2.43 ng	91490	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	38
2	(3-Cyano-6-ethyl-5-methyl-pyridi...	264	C13H16N2O2S	1000300-45-4	38
3	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	38
4	9H-Fluorene-2-carbonitrile	191	C14H9N	002523-48-0	35
5	1,2,4-Thiadiazol-5-amine, 3-(phe...	191	C9H9N3S	017467-27-5	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081517\
Data File : BF097701.D
Acq On : 15 Aug 2017 20:00
Operator : SJ/JU
Sample : I4755-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-081117-B

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.54	6.54	12.5	ng	556520	1	6.78	889381	20.0
Decane, 2,3,5-tri...	9.76	2.0	ng	129554	3	9.82	1275350	20.0
Dodecane, 2-methy...	10.26	3.1	ng	199846	3	9.82	1275350	20.0
Hexadecane, 2,6,1...	10.48	2.0	ng	128767	3	9.82	1275350	20.0
Tridecane	10.73	4.8	ng	292368	4	11.30	1208830	20.0
Tetradecane	11.18	3.4	ng	205873	4	11.30	1208830	20.0
Tridecane, 1-iodo-	11.60	2.8	ng	168629	4	11.30	1208830	20.0
Hexadecanoic acid...	11.70	11.7	ng	708327	4	11.30	1208830	20.0
n-Hexadecanoic acid	11.83	2.2	ng	130565	4	11.30	1208830	20.0
Hexadecane, 7-met...	12.02	2.7	ng	165141	4	11.30	1208830	20.0
11,14-Octadecadie...	12.39	29.5	ng	1785730	4	11.30	1208830	20.0
9-Octadecenoic ac...	12.42	32.3	ng	1953370	4	11.30	1208830	20.0
1,4,9-Decatriene,...	13.06	3.9	ng	174985	5	13.93	904636	20.0
Heptadecane	13.13	3.5	ng	157370	5	13.93	904636	20.0
Hexadecanoic acid...	13.22	2.8	ng	128086	5	13.93	904636	20.0
unknown13.28	13.28	2.2	ng	97875	5	13.93	904636	20.0
unknown16.48	16.48	2.4	ng	91490	6	15.36	752306	20.0