LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108118.D
Acq On : 13 Aug 2018 16:11
Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.242	491	494	500	rBV	260480	250441	4.24%	0.577%
2	5.637	557	561	565	rBV	1480790	1241873	21.03%	2.859%
3	6.631	726	730	734	rBV	1720404	1395866	23.64%	3.214%
4	6.789	753	757	760	rBV	1619733	1359162	23.02%	3.129%
5	7.025	793	797	800	rBV	2071473	1699176	28.77%	3.912%
6	7.178	819	823	827	rBV	1301094	1000538	16.94%	2.304%
7	7.578	888	891	894	rBV	1047320	839812	14.22%	1.934%
8	8.272	1006	1009	1011	rBV	61665	61330	1.04%	0.141%
9	8.307	1011	1015	1018	rBV	2675812	2208797	37.40%	5.086%
10	8.589	1059	1063	1067	rBV4	56385	74650	1.26%	0.172%
11	8.807	1097	1100	1104	rBV3	83329	78697	1.33%	0.181%
12	8.883	1109	1113	1118	rVV3	110067	118126	2.00%	0.272%
13	9.019	1134	1136	1140	rVB	120971	95653	1.62%	0.220%
14	9.125	1148	1154	1157	rBV2	195140	204957	3.47%	0.472%
15	9.248	1171	1175	1177	rBV2	75863	72355	1.23%	0.167%
16	9.377	1194	1197	1202	rVB	1657384	1489066	25.22%	3.428%
17	9.448	1206	1209	1213	rVB	212028	176287	2.99%	0.406%
18	9.642	1239	1242	1248	rBV3	89272	158710	2.69%	0.365%
19	9.725	1253	1256	1259	rVV	162539	192222	3.26%	0.443%
20	9.772	1262	1264	1269	rVV	269066	272441	4.61%	0.627%
21	9.842	1272	1276	1281	rVB4	95955	137374	2.33%	0.316%
22	9.930	1288	1291	1295	rBV3	86939	81506	1.38%	0.188%
23	9.983	1295	1300	1304	rVV	252014	223896	3.79%	0.516%
24	10.077	1312	1316	1319	rVV	2369961	2230563	37.77%	5.136%
25	10.107	1319	1321	1323	rVB	122588	88637	1.50%	0.204%
26	10.172	1329	1332	1336	rBV4	59915	75901	1.29%	0.175%
27	10.272	1346	1349	1352	rVB2	113660	112817	1.91%	0.260%
28	10.307	1352	1355	1359	rBV3	96245	116377	1.97%	0.268%
29	10.389	1365	1369	1371	rBV	111011	128057	2.17%	0.295%
30	10.413	1371	1373	1378	rVB2	75648	84188	1.43%	0.194%
31	10.483	1382	1385	1389	rVV	299097	240600	4.07%	0.554%
32	10.624	1405	1409	1415	rVB2	166443	179742	3.04%	0.414%
33	10.707	1418	1423	1425	rVB3	133635	171212	2.90%	0.394%
34	10.866	1446	1450	1454	rBV	870358	786032	13.31%	1.810%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.960	1463	1466	1476	rVB2	261321	401383	6.80%	0.924%
36	11.171	1497	1502	1506	rBV5	80429	150038	2.54%	0.345%
37	11.289	1519	1522	1524	rBV3	53097	65080	1.10%	0.150%
38	11.413	1540	1543	1545	rBV	202100	178660	3.03%	0.411%
39	11.442	1545	1548	1550	rVV2	113220	117741	1.99%	0.271%
40	11.466	1550	1552	1555	rVB	99518	87553	1.48%	0.202%
41	11.571	1566	1570	1573	rBV	2340897	2195019	37.17%	5.054%
42	11.595	1573	1574	1577	rVV	812870	534390	9.05%	1.230%
43	11.648	1580	1583	1585	rBV	200545	146140	2.47%	0.336%
44	11.795	1605	1608	1613	rBV3	58303	96201	1.63%	0.221%
45	11.842	1613	1616	1618	rVB	150875	137790	2.33%	0.317%
46	11.907	1624	1627	1629	rVB	100396	86532	1.47%	0.199%
47	11.942	1630	1633	1636	rVB	2264894	1722729	29.17%	3.966%
48	11.989	1638	1641	1643	rBV2	54798	62386	1.06%	0.144%
49	12.077	1653	1656	1658	rBV	252284	228892	3.88%	0.527%
50	12.107	1658	1661	1664	rVB	288533	264827	4.48%	0.610%
51	12.154	1666	1669	1672	rVV	90997	79781	1.35%	0.184%
52	12.189	1672	1675	1677	rVV2	287309	314186	5.32%	0.723%
53	12.213	1677	1679	1682	rVB	188558	157386	2.67%	0.362%
54	12.248	1682	1685	1688	rBV	160997	155603	2.64%	0.358%
55	12.371	1703	1706	1708	rVV	105870	86714	1.47%	0.200%
56	12.401	1708	1711	1717	rVB3	97958	115784	1.96%	0.267%
57	12.554	1734	1737	1739	rBV	85144	64003	1.08%	0.147%
58	12.636	1747	1751	1753	rBV	6214543	5905162	100.00%	13.596%
59	12.654	1753	1754	1761	rVV2	4334932	3723312	63.05%	8.573%
60	12.713	1762	1764	1766	rVV	86976	99431	1.68%	0.229%
61	12.736	1766	1768	1773	rVB	817255	763767	12.93%	1.759%
62	12.795	1775	1778	1781	rBV	864923	718366	12.17%	1.654%
63	12.977	1806	1809	1812	rVB	130978	125409	2.12%	0.289%
64	13.030	1812	1818	1822	rBV	919100	1087991	18.42%	2.505%
65	13.077	1823	1826	1830	rBV2	87588	110609	1.87%	0.255%
66	13.160	1837	1840	1843	rBV	1380323	1032225	17.48%	2.377%
67	13.307	1862	1865	1867	rBV4	116774	136341	2.31%	0.314%
68	13.330	1867	1869	1870	rBV2	101752	85114	1.44%	0.196%
69	13.424	1882	1885	1887	rVB	128953	117915	2.00%	0.271%
70	13.465	1888	1892	1895	rBV2	233767	268219	4.54%	0.618%
71	13.554	1905	1907	1910	rVB	132047	106646	1.81%	0.246%

LSC Area Percent Report

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Sample : J4272-07 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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72	13.589	1910	1913	1915	rVB	120591	108823	1.84%	0.251%
73	14.236	2018	2023	2025	rBV2	1887929	2173308	36.80%	5.004%
74	14.260	2025	2027	2033	rVB	423506	381953	6.47%	0.879%
75	15.812	2286	2291	2295	rBV	996385	1392254	23.58%	3.206%

Sum of corrected areas: 43432724

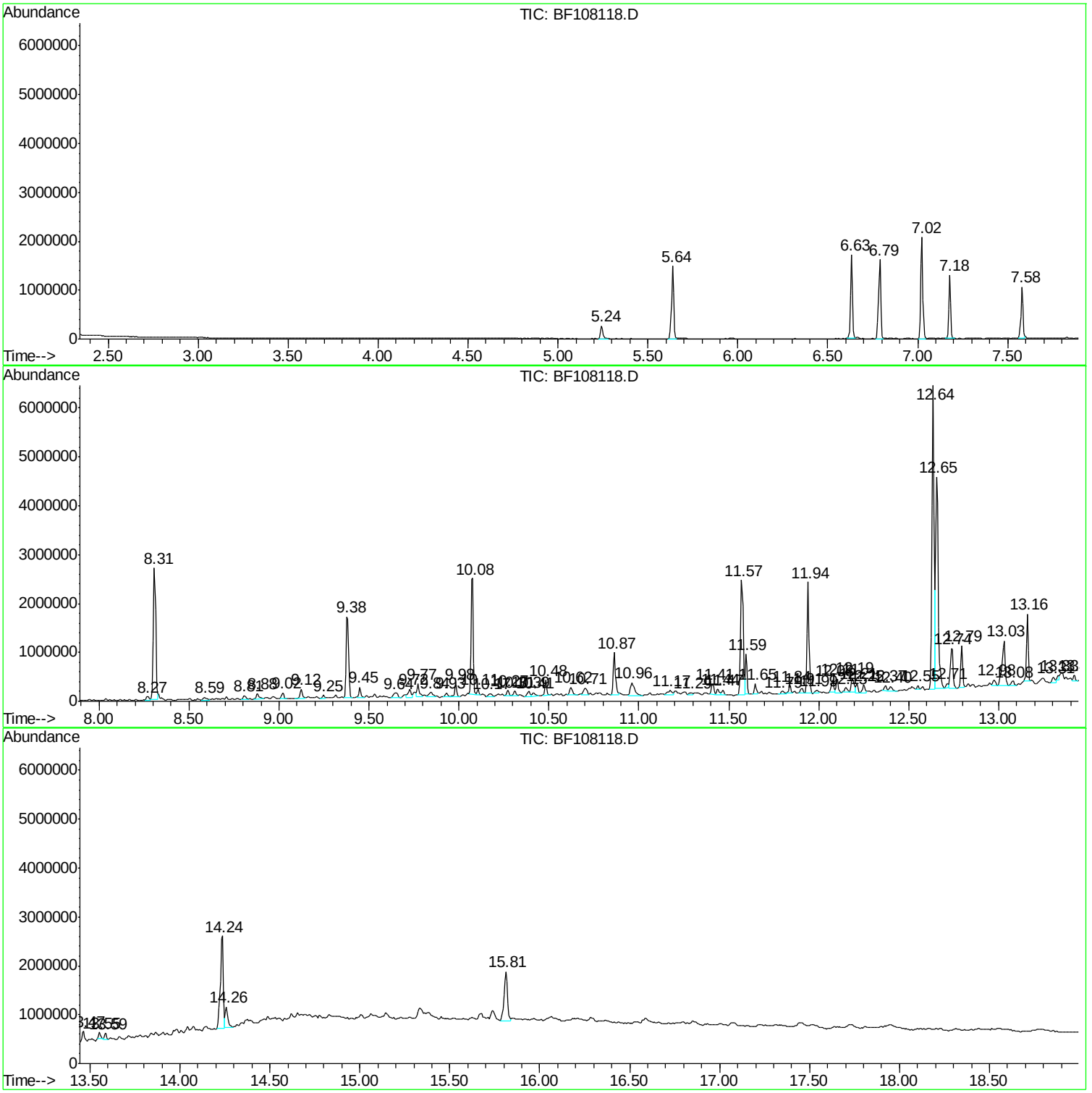
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108118.D
Acq On : 13 Aug 2018 16:11
Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108118.D
Acq On : 13 Aug 2018 16:11
Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

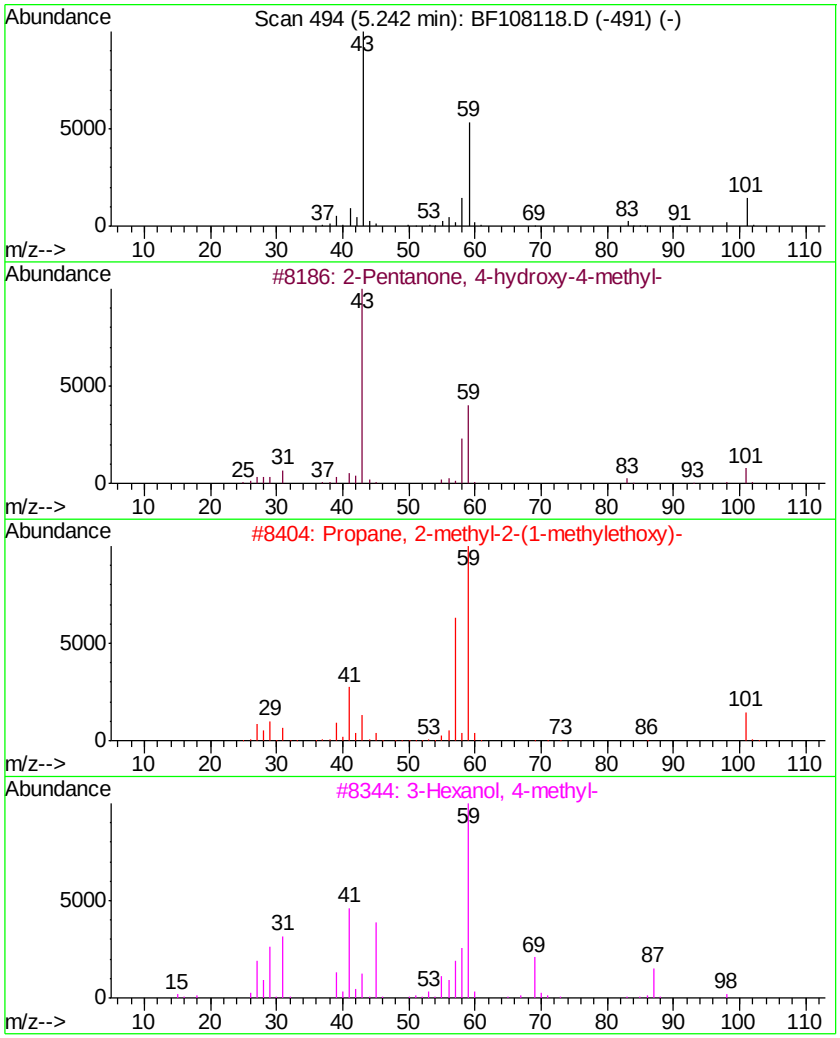
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

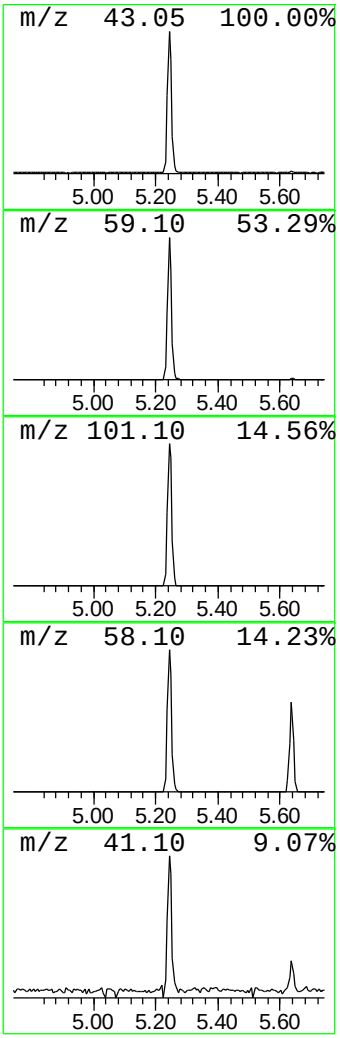
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	2.95 ng	250441	1,4-Dichlorobenzene-d4	7.02

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	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108118.D
Acq On : 13 Aug 2018 16:11
Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

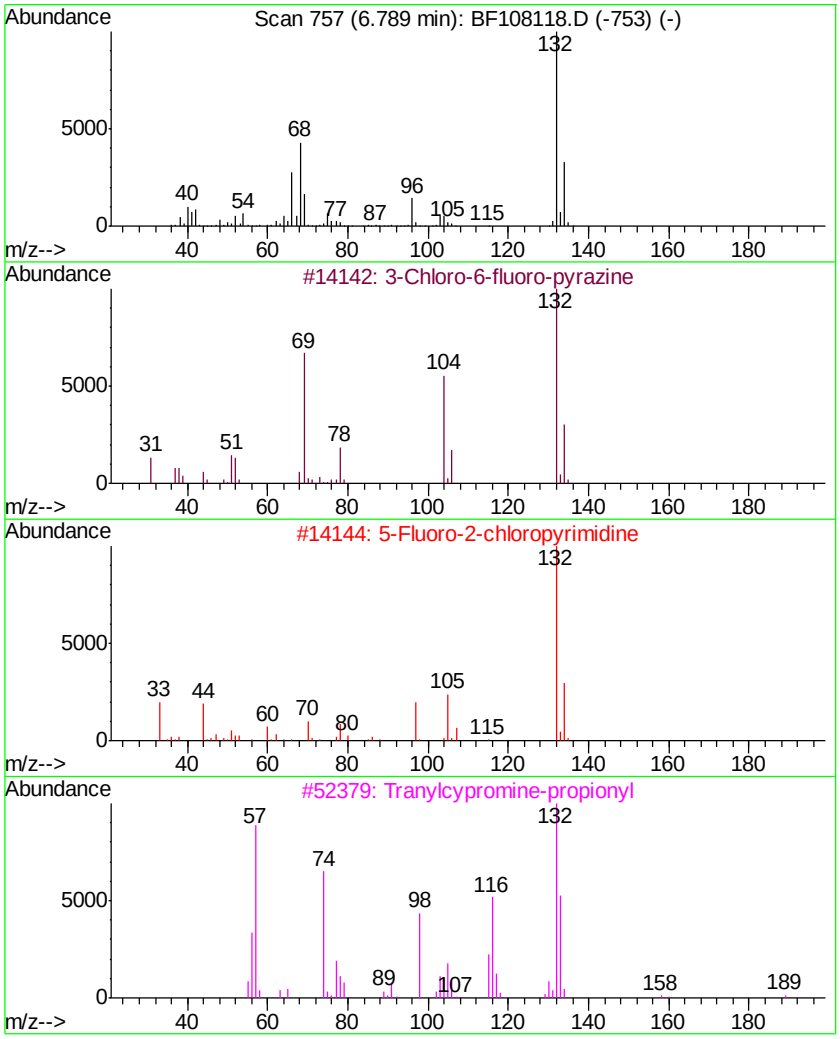
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

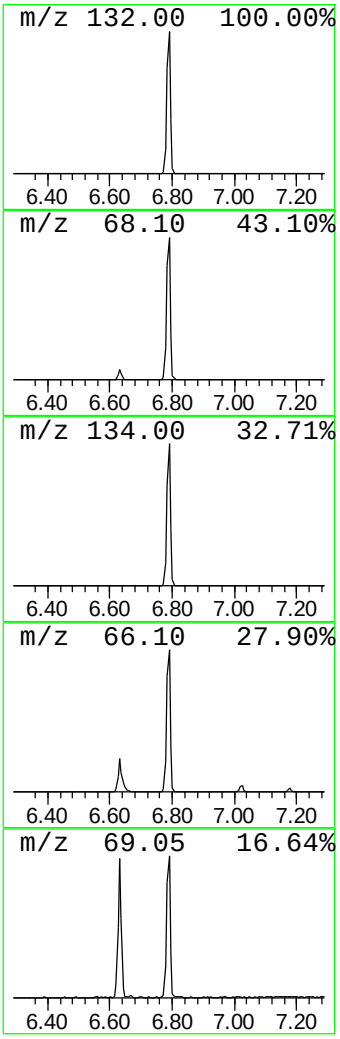
****

Peak Number 2 unknown6.79 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	16.00 ng	1359160	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
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	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108118.D
Acq On : 13 Aug 2018 16:11
Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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TIC Library : C:\DATABASE\NIST11.L
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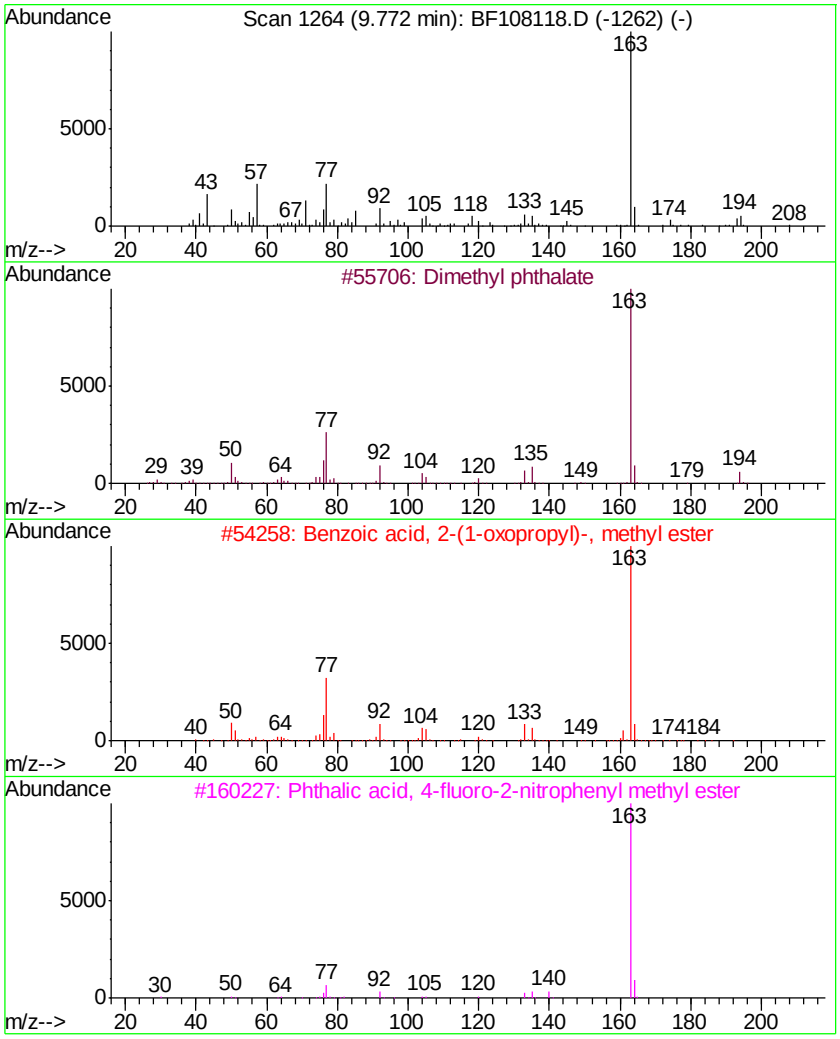
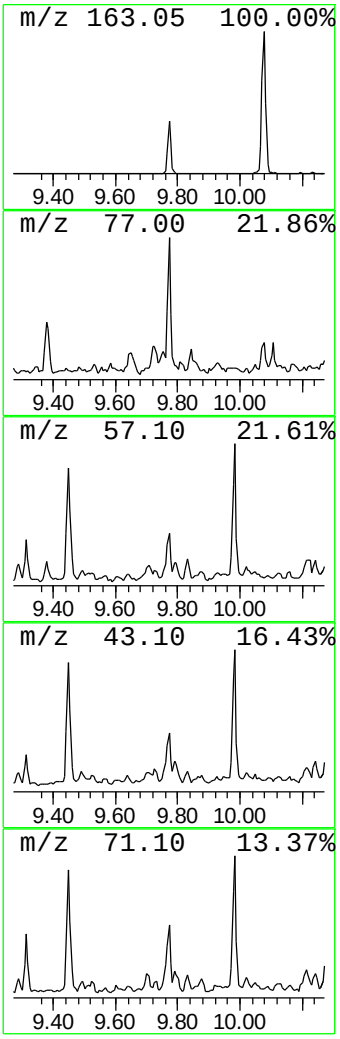
Peak Number 4 Dimethyl phthalate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.44 ng	272441	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	93
2	Benzoic acid, 2-(1-oxopropyl)-, ...	192	C11H12O3	032025-37-9	78
3	Phthalic acid, 4-fluoro-2-nitrop...	319	C15H10FNO6	1000315-63-4	72
4	1,2-Benzenedicarboxylic acid, et...	208	C11H12O4	034006-77-4	59
5	Benzonitrile, 3,4-dimethoxy-	163	C9H9NO2	002024-83-1	59





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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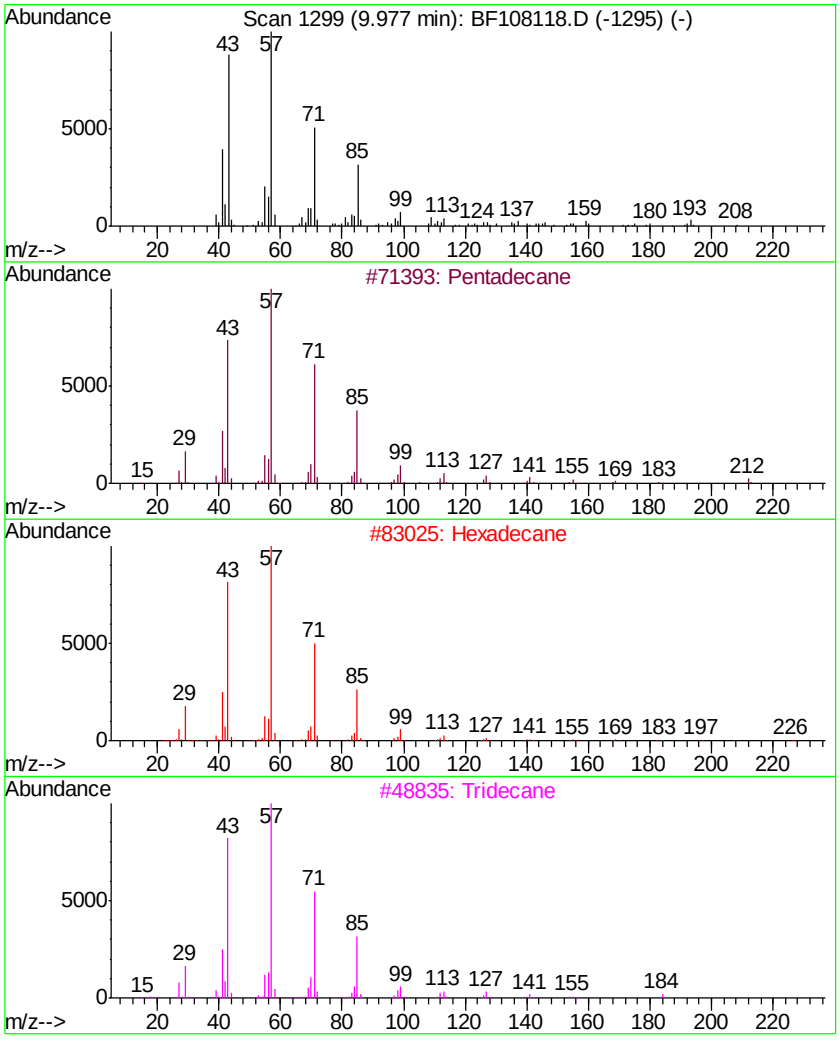
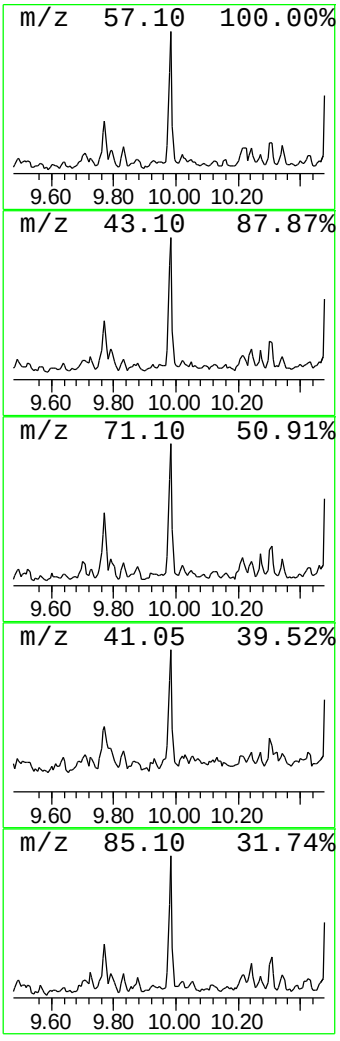
Peak Number 5 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	2.01 ng	223896	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tridecane	184	C13H28	000629-50-5	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Undecane	156	C11H24	001120-21-4	80





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Sample : J4272-07 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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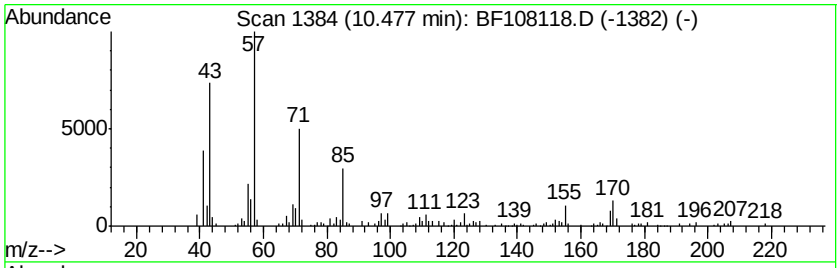
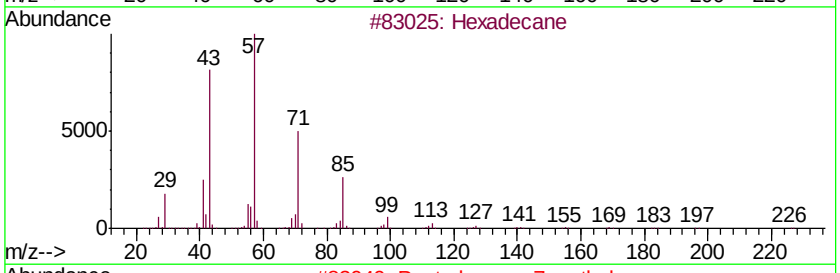
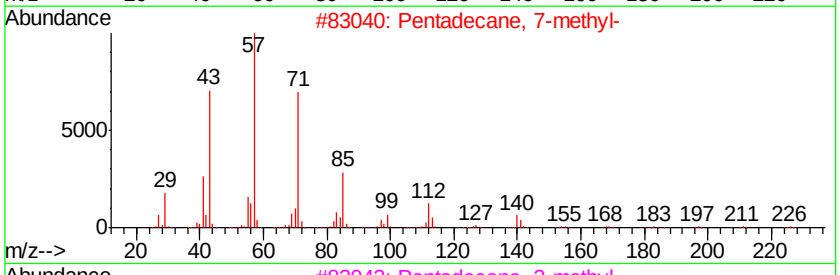
Peak Number 6 Hexadecane Concentration Rank 13

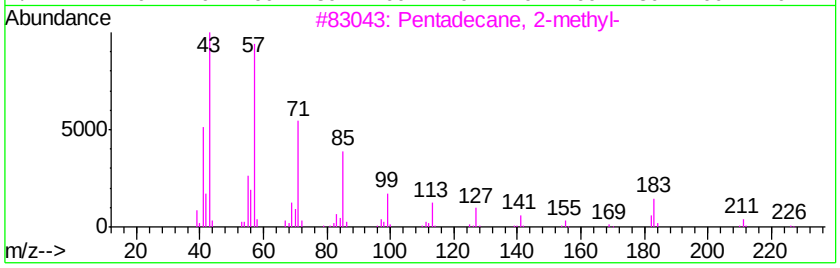
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	2.16 ng	240600	Acenaphthene-d10	10.07

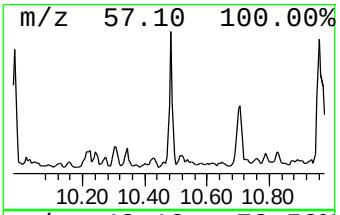
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
3	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	87
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
5	Heneicosane	296	C21H44	000629-94-7	83

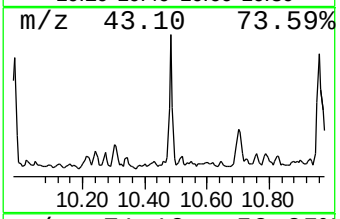


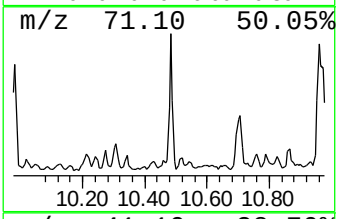


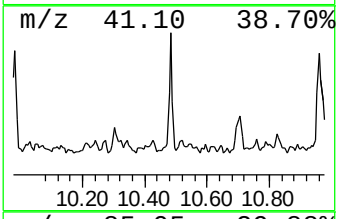


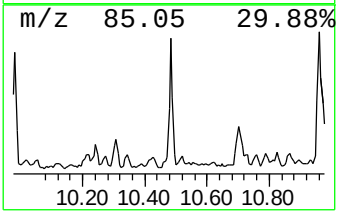












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108118.D
Acq On : 13 Aug 2018 16:11
Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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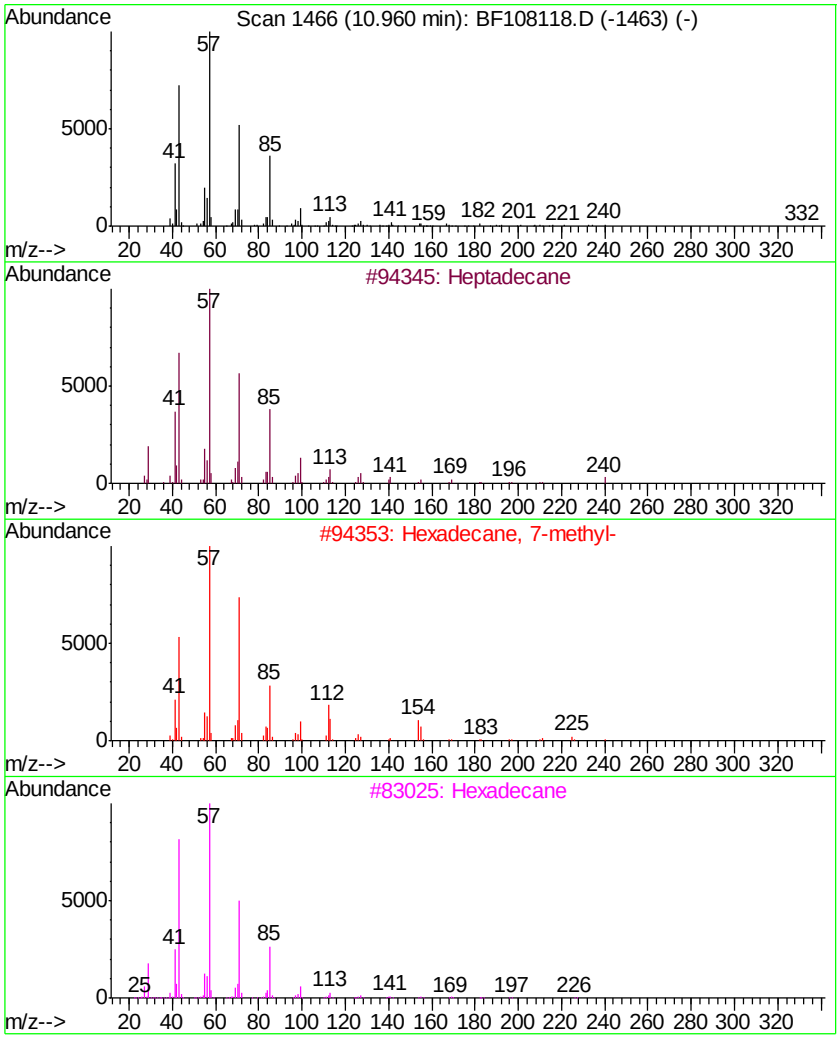
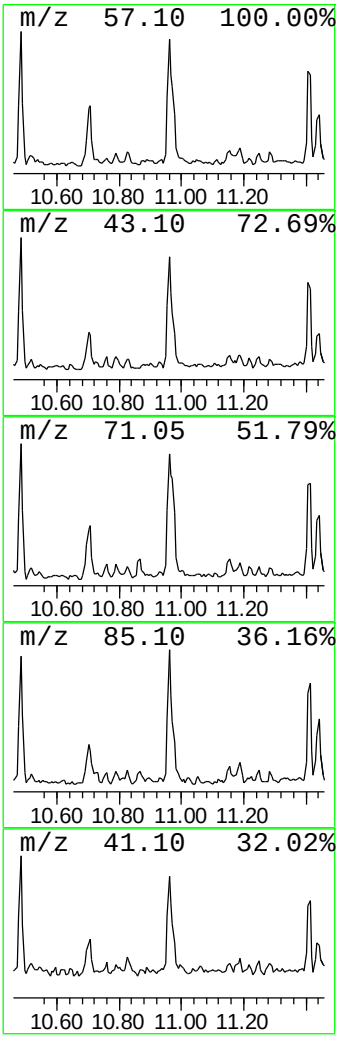
Peak Number 7 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	3.66 ng	401383	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane	212	C15H32	000629-62-9	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Library Search Compound Report

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Sample : J4272-07 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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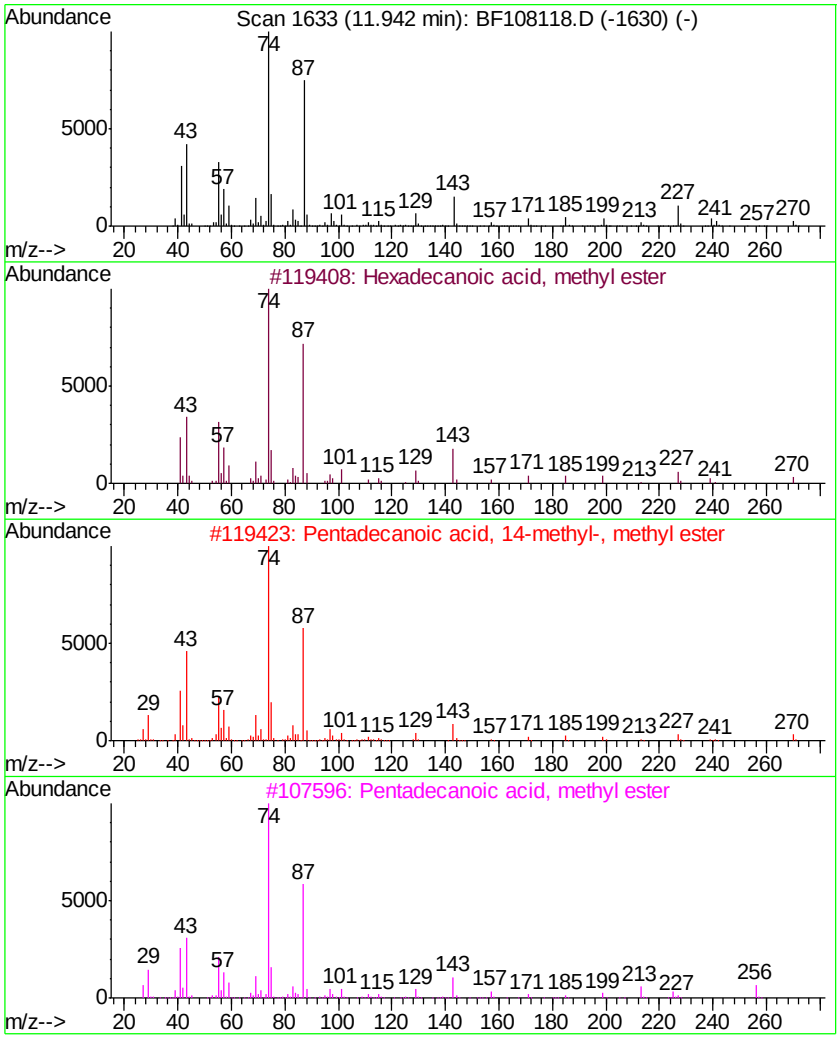
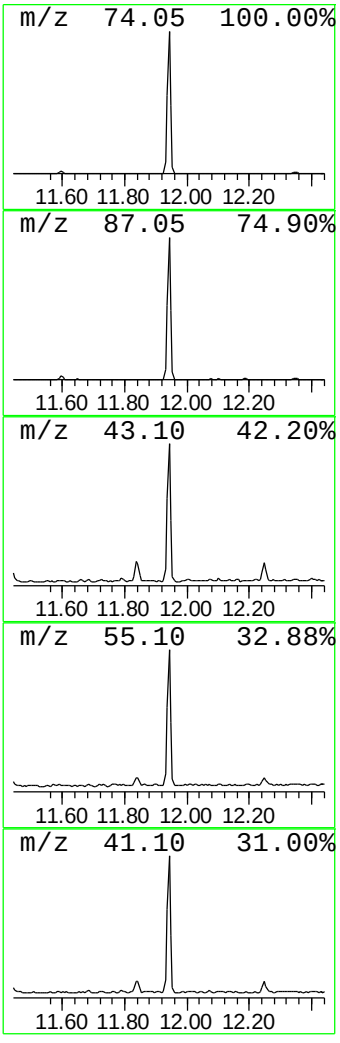
Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	15.70 ng	1722730	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83





Library Search Compound Report

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Sample : J4272-07 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

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TIC Integration Parameters: LSCINT.P

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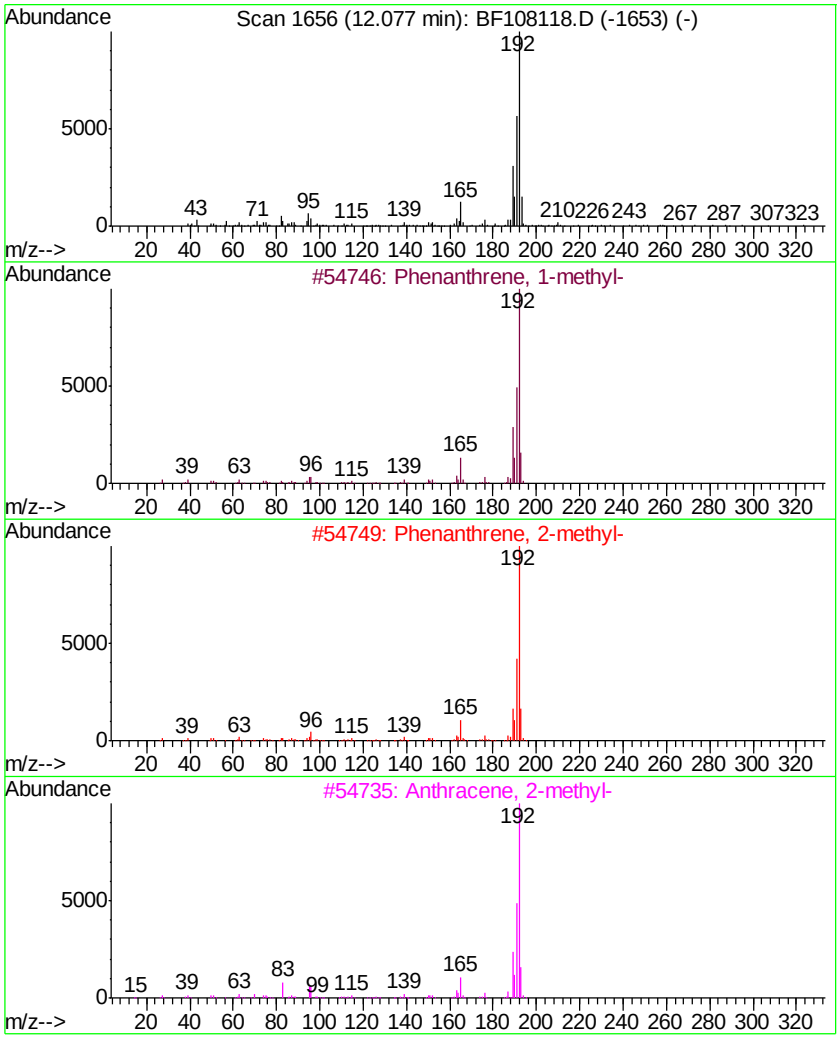
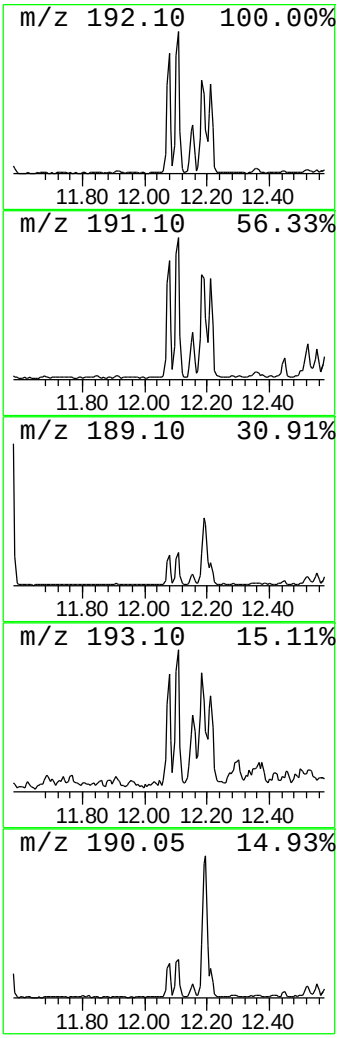
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	2.09 ng	228892	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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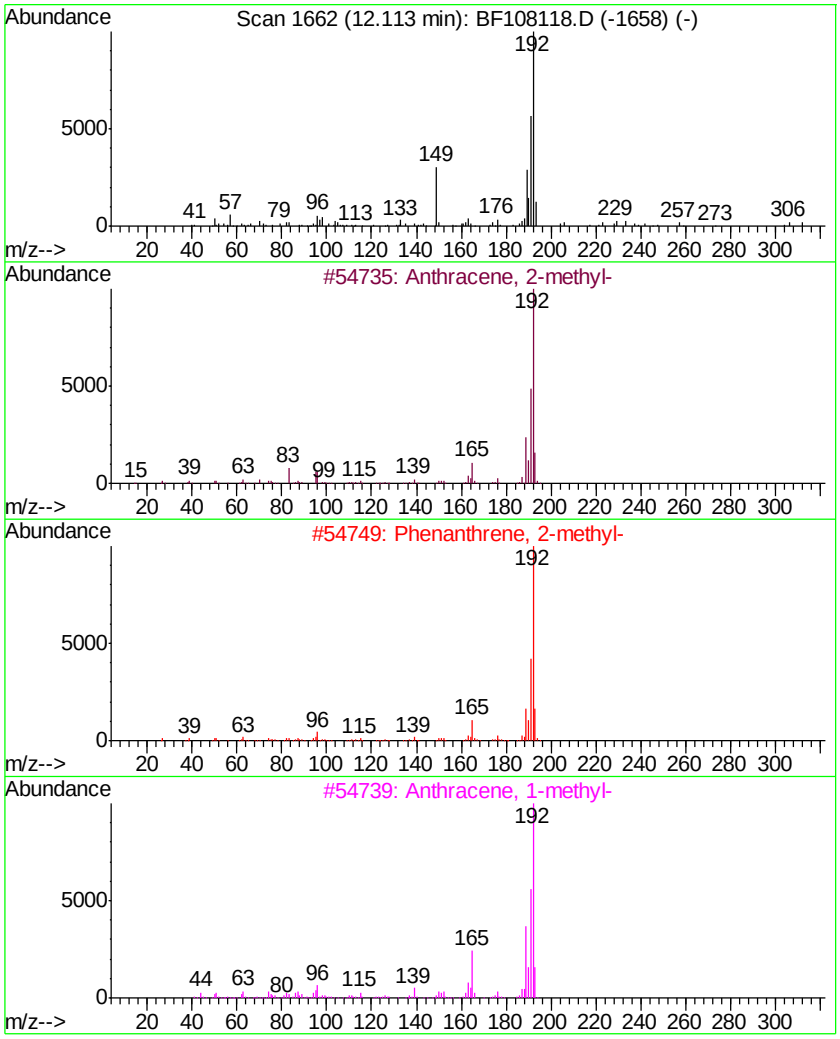
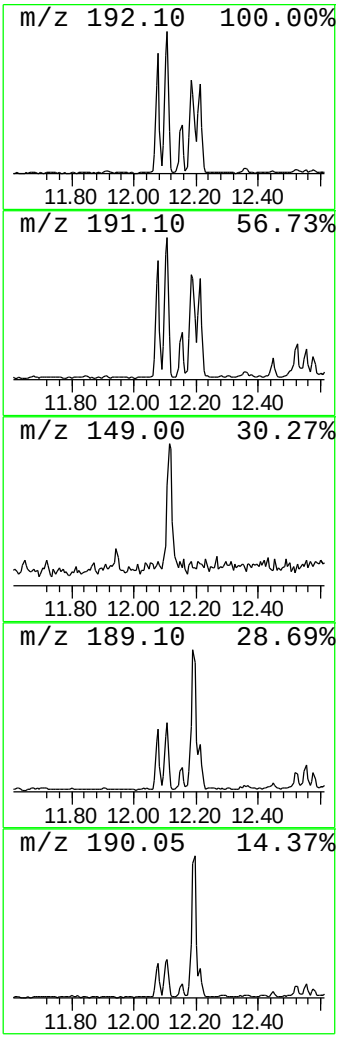
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	2.41 ng	264827	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





Library Search Compound Report

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Data File : BF108118.D
Acq On : 13 Aug 2018 16:11
Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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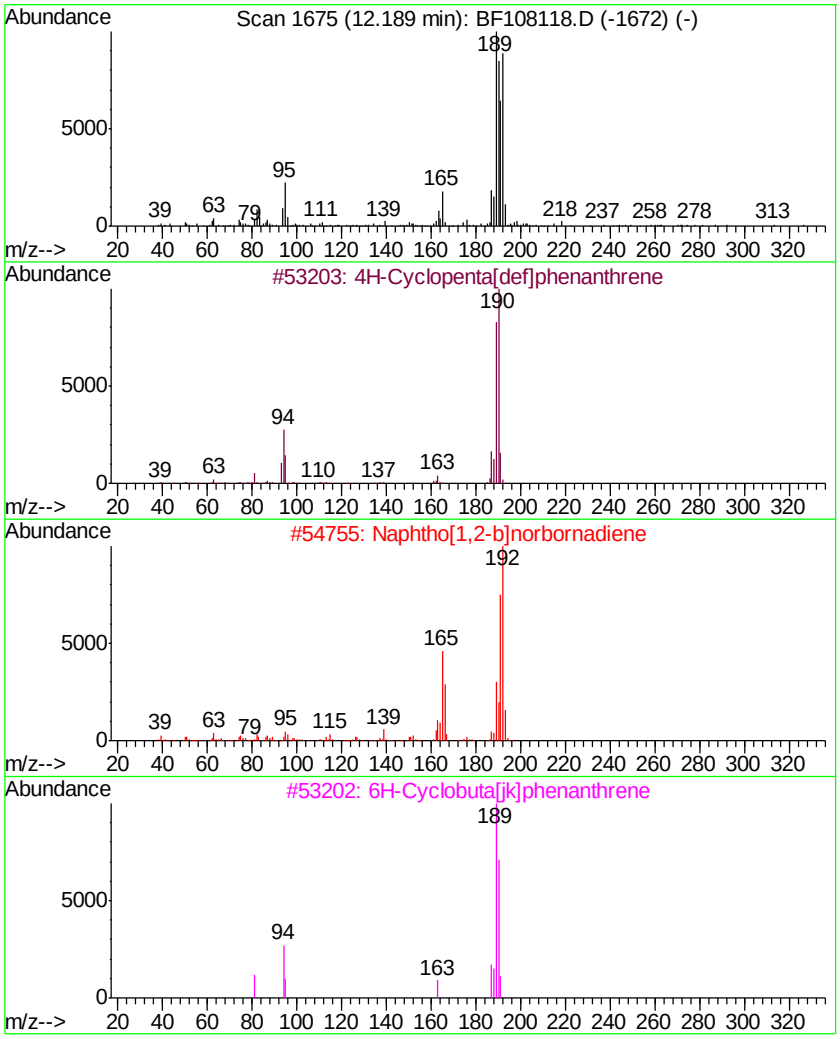
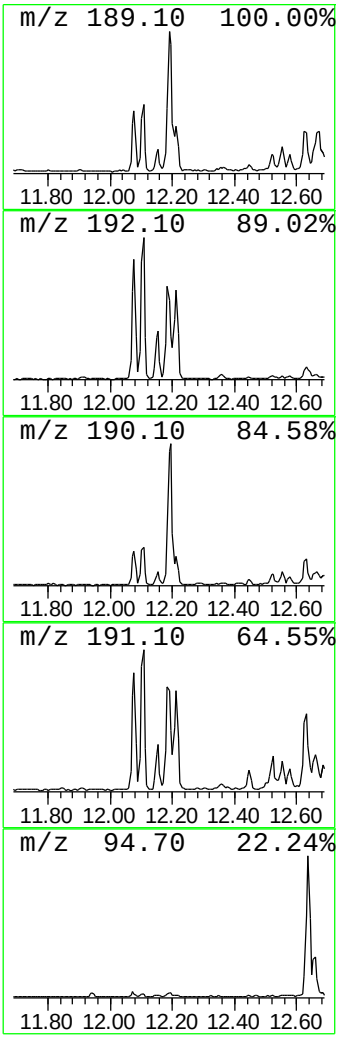
Peak Number 11 unknown12.19 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	2.86 ng	314186	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38





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ALS Vial : 11 Sample Multiplier: 1

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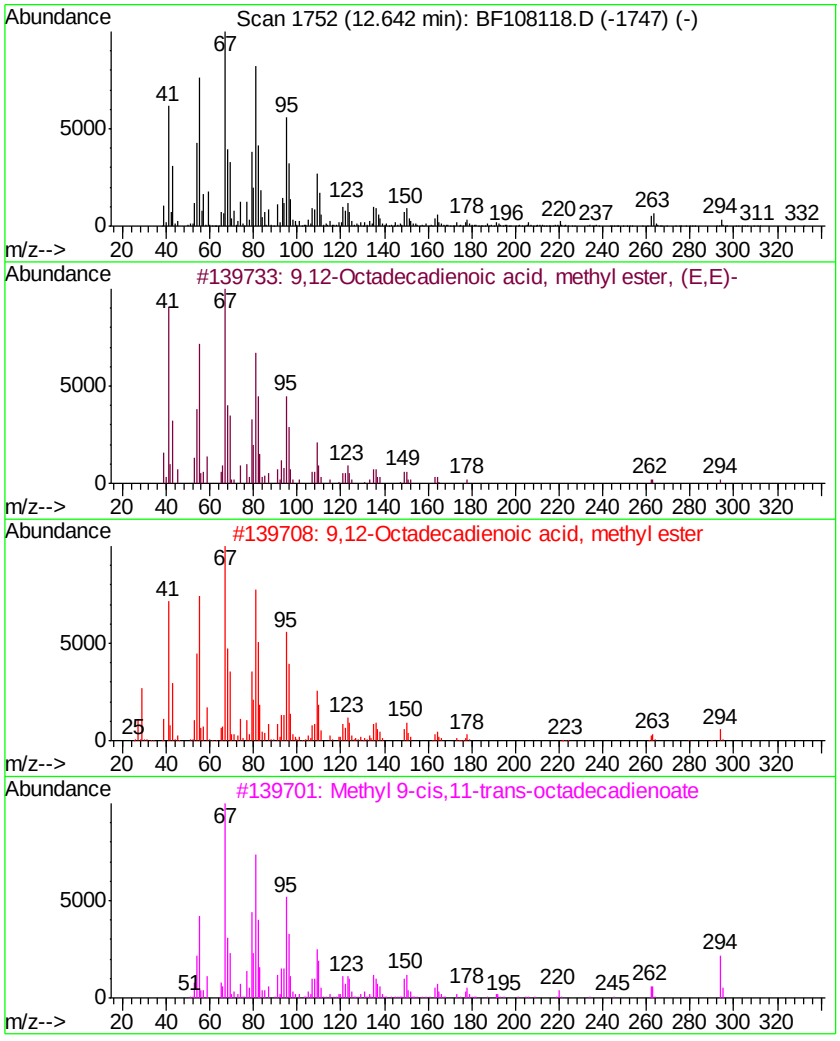
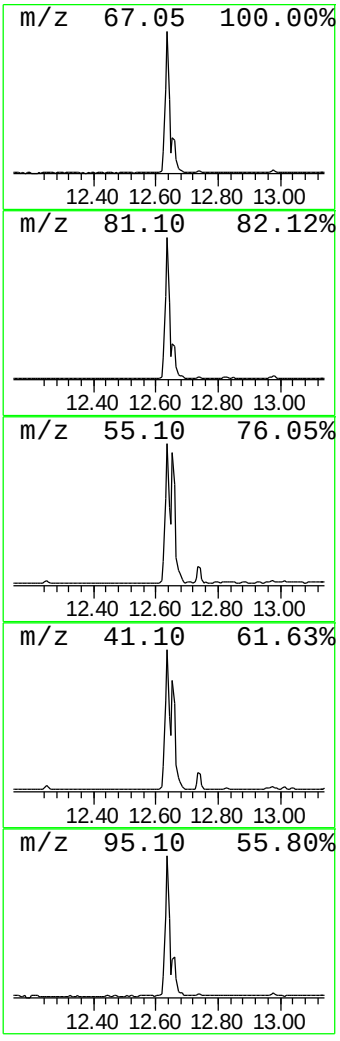
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	53.81 ng	5905160	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





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Acq On : 13 Aug 2018 16:11
Operator : JU/SJ
Sample : J4272-07 5X
Misc :
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Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 13 13-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	33.93 ng	3723310	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	96
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	95
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94