LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108862.D
Acq On : 7 Sep 2018 15:59
Operator : JU/SJ
Sample : J4775-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-090618-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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	4.919	435	439	445	rVB	29041	32686	1.69%	0.153%
2	5.337	506	510	521	rBV	948992	836713	43.19%	3.912%
3	6.360	680	684	687	rBV	1103917	872689	45.05%	4.080%
4	6.501	704	708	711	rBV	1031602	904743	46.70%	4.230%
5	6.737	744	748	751	rBV	1657191	1326804	68.49%	6.203%
6	6.890	771	774	778	rBV	933101	711607	36.73%	3.327%
7	7.289	838	842	845	rBV	672517	537838	27.76%	2.514%
8	8.019	962	966	969	rBV	2093326	1774473	91.60%	8.295%
9	8.731	1081	1087	1090	rBV	31128	27746	1.43%	0.130%
10	8.825	1101	1103	1108	rVB	30914	27424	1.42%	0.128%
11	9.089	1145	1148	1151	rBV	1409340	1068682	55.17%	4.996%
12	9.354	1189	1193	1198	rBV	19457	26446	1.37%	0.124%
13	9.425	1200	1205	1208	rBV	31533	32530	1.68%	0.152%
14	9.483	1212	1215	1218	rBV	247480	183204	9.46%	0.856%
15	9.625	1236	1239	1244	rBV	42882	34123	1.76%	0.160%
16	9.766	1259	1263	1267	rBV	2327076	1937228	100.00%	9.056%
17	9.795	1267	1268	1271	rVB	55719	39839	2.06%	0.186%
18	9.966	1292	1297	1301	rVB	48238	44937	2.32%	0.210%
19	10.307	1353	1355	1362	rVB	87344	79689	4.11%	0.373%
20	10.542	1392	1395	1402	rBV	528075	495188	25.56%	2.315%
21	10.683	1415	1419	1428	rVB3	32367	45803	2.36%	0.214%
22	11.136	1491	1496	1498	rBV3	42216	43361	2.24%	0.203%
23	11.242	1510	1514	1516	rBV	2243918	1803337	93.09%	8.430%
24	11.266	1516	1518	1521	rVV	472751	343359	17.72%	1.605%
25	11.319	1521	1527	1529	rVB	96709	88588	4.57%	0.414%
26	11.466	1548	1552	1554	rBV2	30577	27105	1.40%	0.127%
27	11.654	1580	1584	1588	rVB	366457	309186	15.96%	1.445%
28	11.742	1596	1599	1601	rBV	75176	62063	3.20%	0.290%
29	11.772	1601	1604	1608	rVV	88237	90607	4.68%	0.424%
30	11.819	1609	1612	1614	rVV2	32210	28531	1.47%	0.133%
31	11.854	1614	1618	1620	rVV	111860	113198	5.84%	0.529%
32	11.877	1620	1622	1624	rVB	44497	33989	1.75%	0.159%
33	11.960	1634	1636	1641	rVB3	22276	27580	1.42%	0.129%
34	12.036	1647	1649	1651	rBV	34871	31057	1.60%	0.145%

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Misc :
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Instrument : BNA_F
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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.219	1677	1680	1682	rBV	24395	23590	1.22%	0.110%
36	12.289	1689	1692	1695	rBV	53108	53751	2.77%	0.251%
37	12.330	1696	1699	1701	rVV	1096601	1028467	53.09%	4.808%
38	12.354	1701	1703	1711	rVV	957522	844560	43.60%	3.948%
39	12.448	1715	1719	1724	rVB2	476259	464517	23.98%	2.172%
40	12.671	1752	1757	1760	rBV	371395	363311	18.75%	1.698%
41	12.819	1779	1782	1786	rBV	857592	755898	39.02%	3.534%
42	12.895	1792	1795	1797	rBV2	27610	26280	1.36%	0.123%
43	12.983	1807	1810	1811	rBV3	23312	27524	1.42%	0.129%
44	13.001	1811	1813	1818	rVB	57464	55625	2.87%	0.260%
45	13.071	1822	1825	1828	rVV2	56752	55734	2.88%	0.261%
46	13.107	1828	1831	1833	rVB	39228	32894	1.70%	0.154%
47	13.195	1844	1846	1849	rVB2	33657	28014	1.45%	0.131%
48	13.224	1849	1851	1855	rVB	37444	36739	1.90%	0.172%
49	13.618	1914	1918	1920	rBV2	36307	44987	2.32%	0.210%
50	13.866	1955	1960	1963	rBV	1576379	1471589	75.96%	6.880%
51	13.889	1963	1964	1967	rVB	141621	88405	4.56%	0.413%
52	14.871	2128	2131	2134	rBV	118227	165670	8.55%	0.774%
53	14.977	2146	2149	2155	rVB	98981	111294	5.75%	0.520%
54	15.154	2177	2179	2184	rVB	84175	85630	4.42%	0.400%
55	15.212	2186	2189	2192	rVB	114334	120678	6.23%	0.564%
56	15.277	2195	2200	2204	rBV	1288601	1463382	75.54%	6.841%

Sum of corrected areas: 21390892

LSC Report - Integrated Chromatogram

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Misc :
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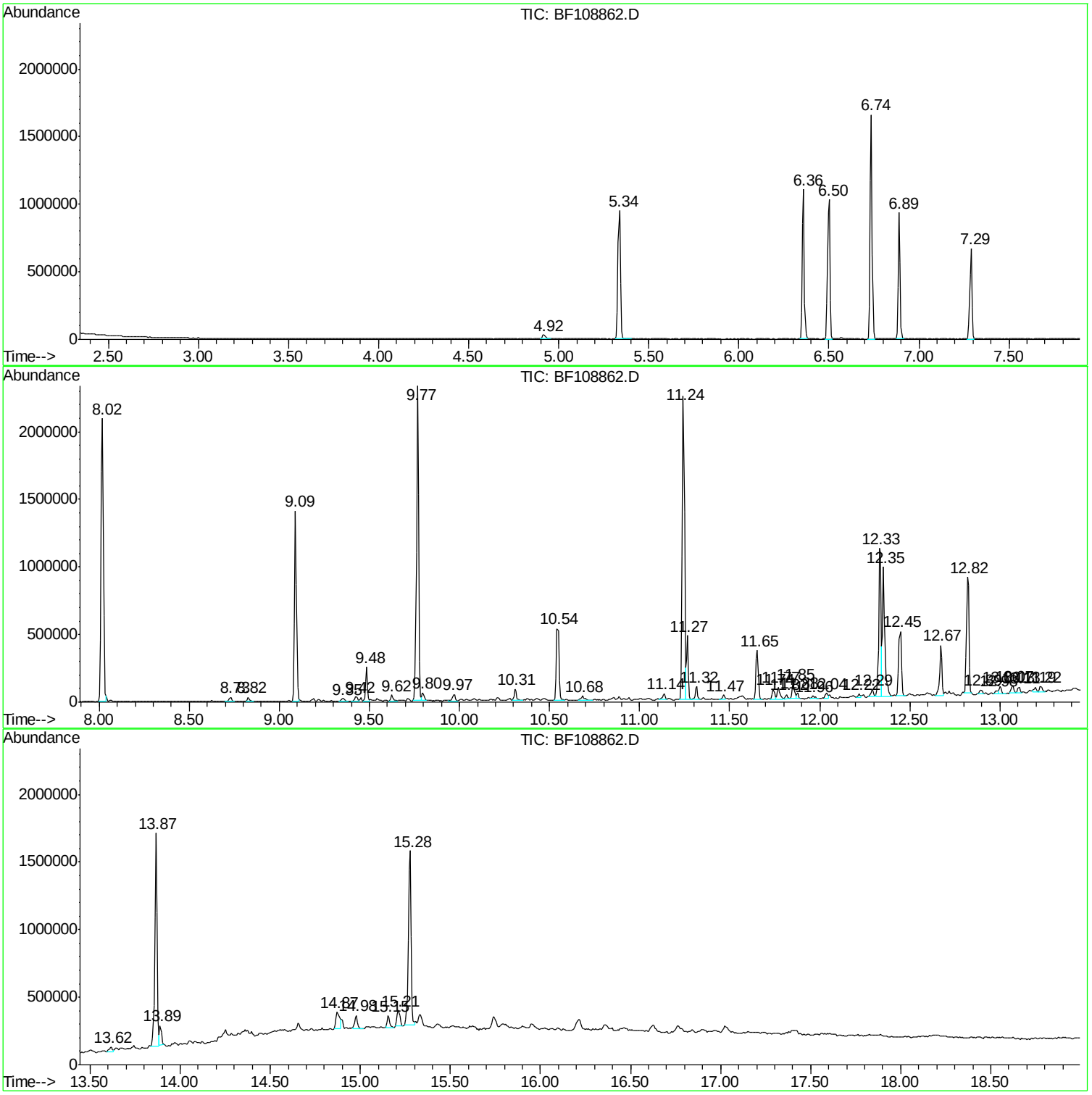
Instrument : BNA_F
ClientSampleId : OR-02-090618-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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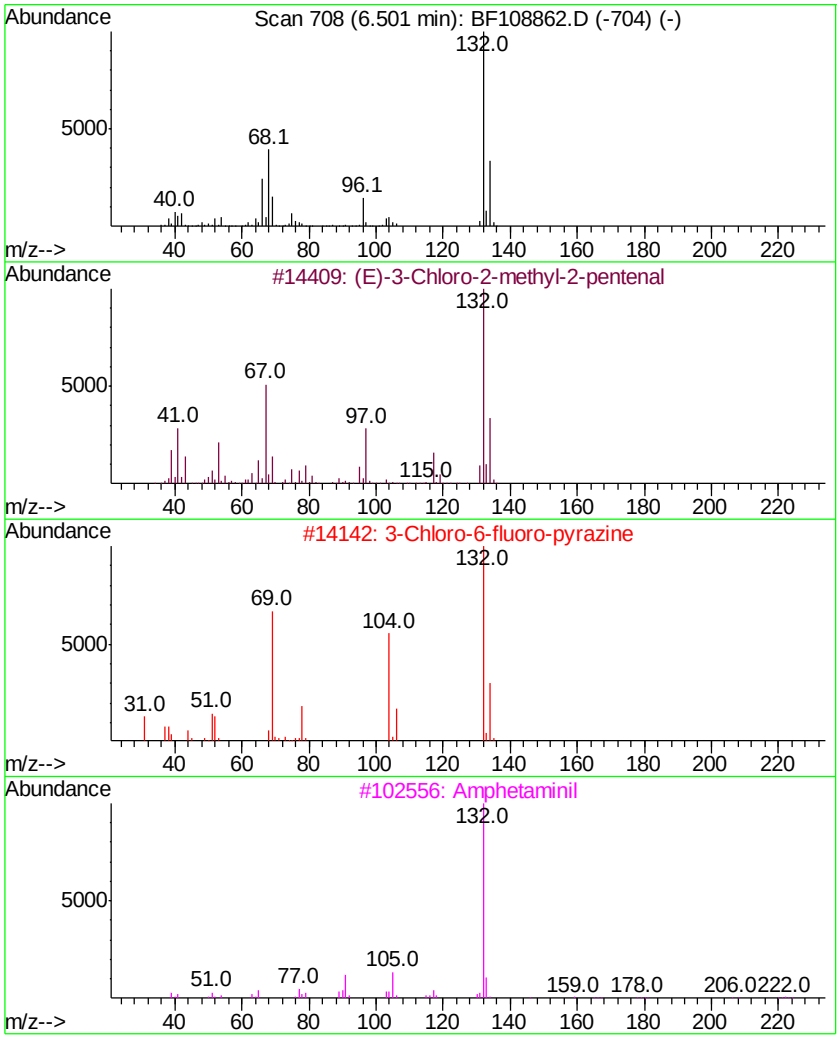
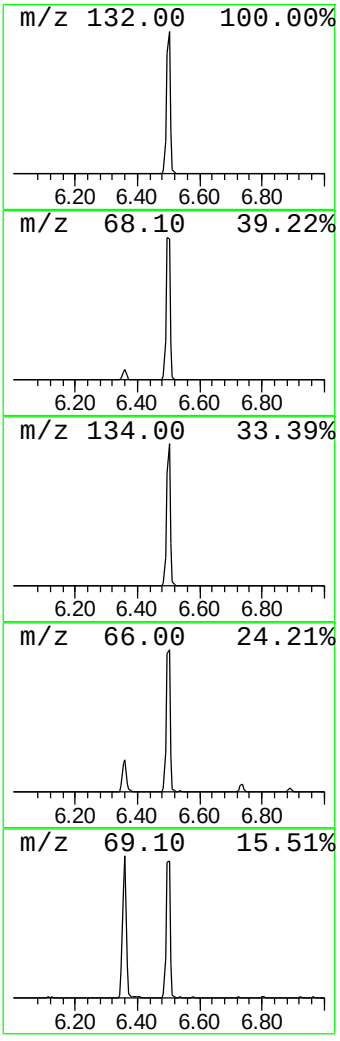
Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	13.64 ng	904743	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Amphetaminil	250	C17H18N2	017590-01-1	10
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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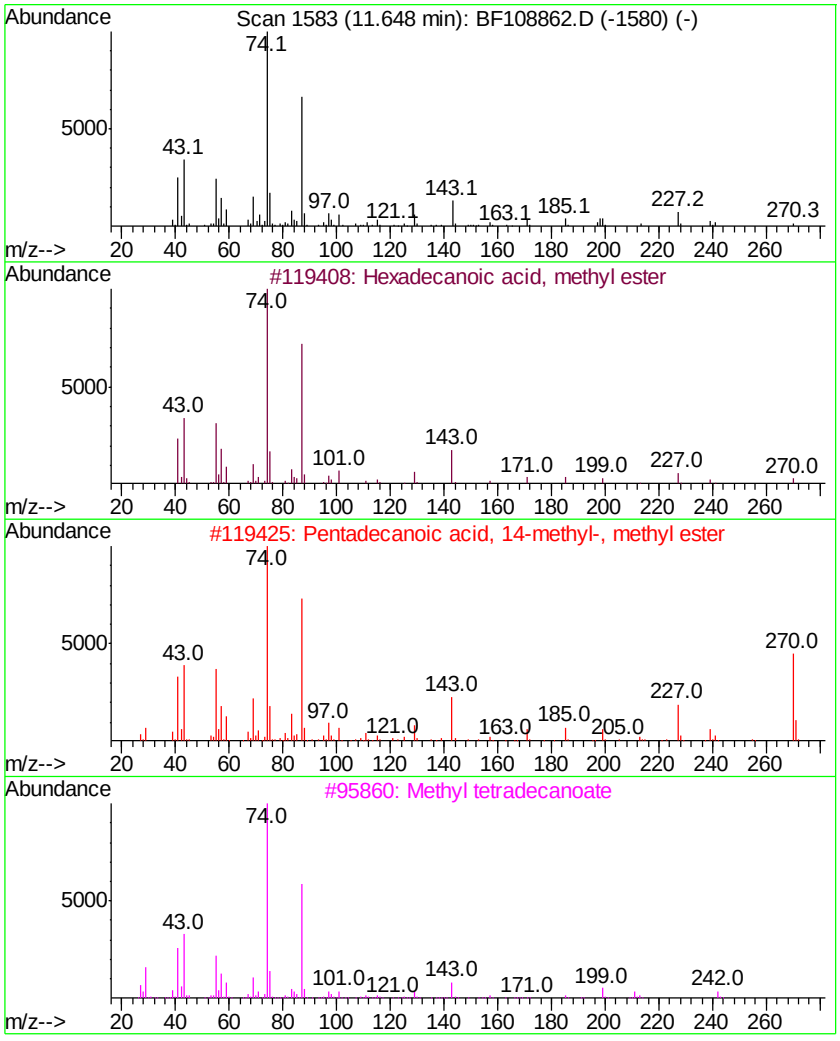
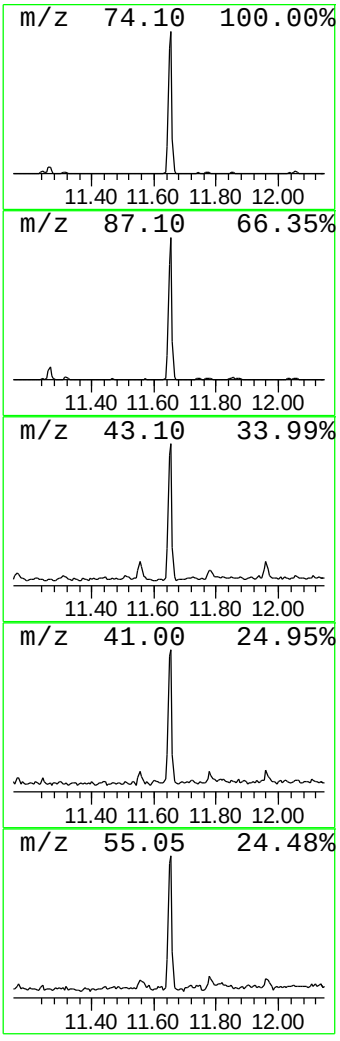
Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	3.43 ng	309186	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80





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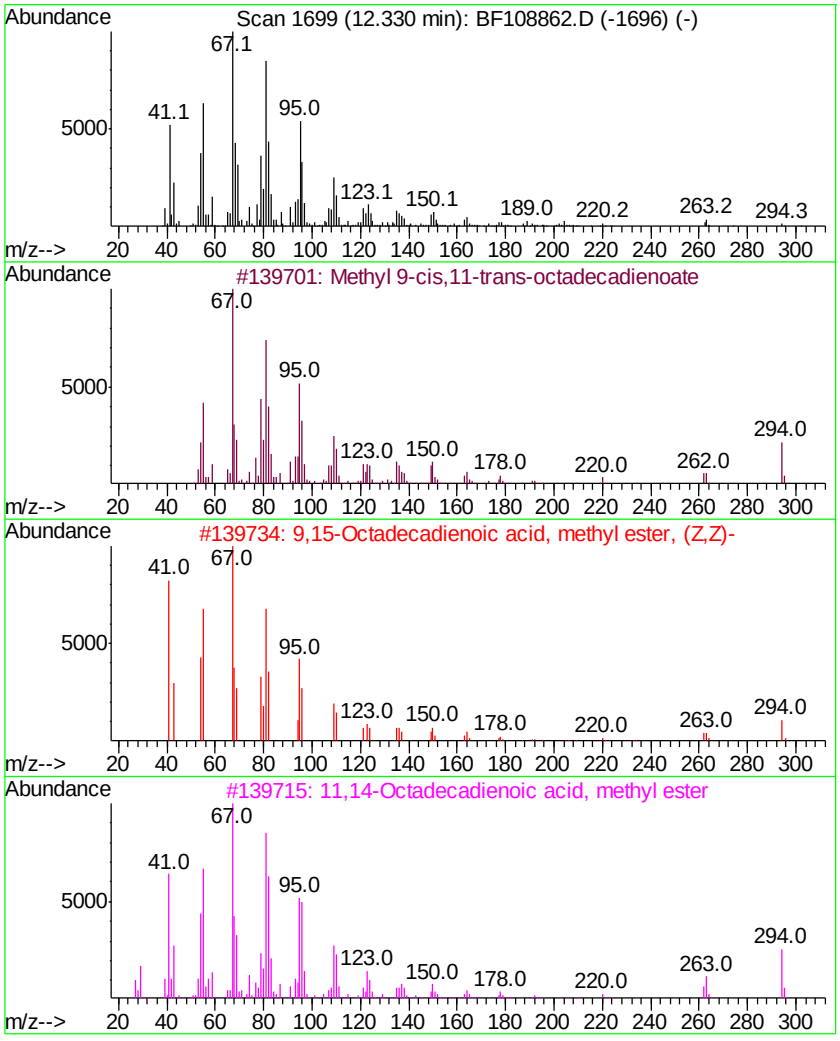
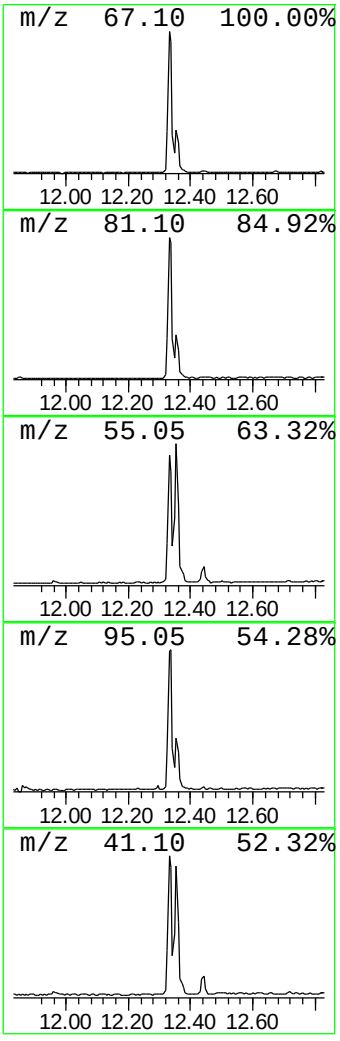
Peak Number 4 Methyl 9-cis,11-trans-octad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	11.41 ng	1028470	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	99
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98





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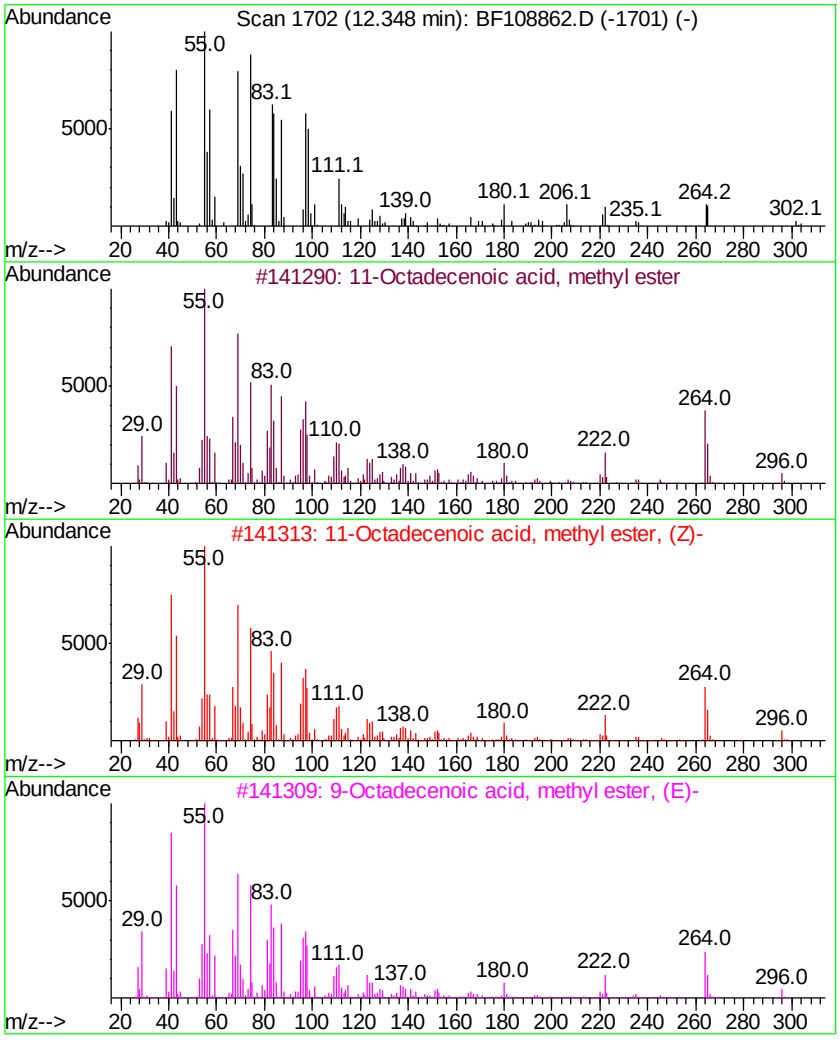
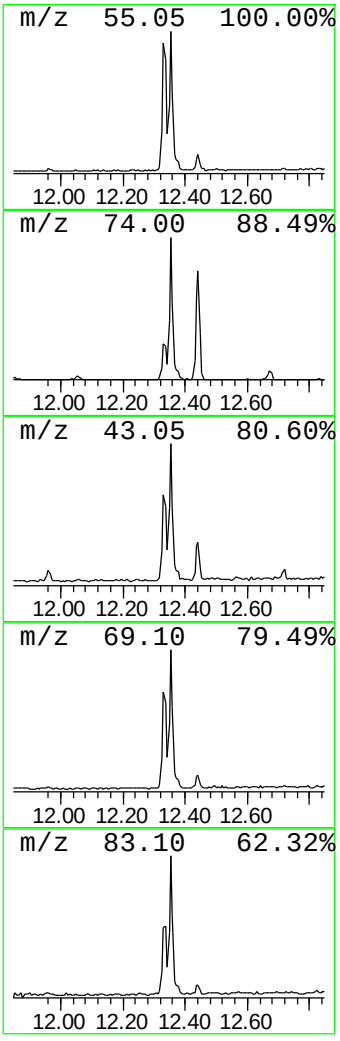
Peak Number 5 11-Octadecenoic acid, methy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	9.37 ng	844560	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	93
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	93
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	93
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	91
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.50	6.50	13.6	ng	904743	1	6.74	1326800	20.0
Hexadecanoic acid...	11.65	3.4	ng	309186	4	11.24	1803340	20.0
Methyl 9-cis,11-t...	12.33	11.4	ng	1028470	4	11.24	1803340	20.0
11-Octadecenoic a...	12.35	9.4	ng	844560	4	11.24	1803340	20.0