LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112464.D
Acq On : 8 Feb 2019 17:21
Operator : JU/SJ
Sample : K1348-01 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-020719

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-BF012519.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	5.475	573	576	597	rBV	128612	202748	16.54%	1.573%
2	6.493	746	749	762	rBV	126305	217378	17.73%	1.686%
3	6.616	766	770	780	rVB	212865	250785	20.46%	1.945%
4	6.834	803	807	820	rBV	806576	798780	65.16%	6.196%
5	6.987	830	833	849	rVB	206754	204274	16.66%	1.585%
6	7.398	900	903	916	rBV	107552	149305	12.18%	1.158%
7	8.116	1018	1025	1033	rBV	1134846	1100369	89.77%	8.536%
8	8.834	1143	1147	1154	rBV	27676	34108	2.78%	0.265%
9	8.934	1160	1164	1171	rBV	30995	36590	2.98%	0.284%
10	9.186	1204	1207	1218	rBV	286645	289419	23.61%	2.245%
11	9.269	1218	1221	1223	rBV	20010	17863	1.46%	0.139%
12	9.463	1249	1254	1258	rBV2	19797	26067	2.13%	0.202%
13	9.528	1260	1265	1268	rVV	33311	39734	3.24%	0.308%
14	9.586	1272	1275	1282	rVB2	24640	34364	2.80%	0.267%
15	9.645	1282	1285	1294	rVB6	17150	25748	2.10%	0.200%
16	9.733	1296	1300	1305	rBV	24754	24040	1.96%	0.186%
17	9.798	1305	1311	1314	rBV	22989	25760	2.10%	0.200%
18	9.869	1318	1323	1327	rVV2	1254659	1225812	100.00%	9.509%
19	9.898	1327	1328	1338	rVB	63000	70856	5.78%	0.550%
20	10.081	1356	1359	1362	rBV2	23726	26992	2.20%	0.209%
21	10.116	1362	1365	1369	rVB3	19627	20839	1.70%	0.162%
22	10.186	1374	1377	1380	rBV	15382	17710	1.44%	0.137%
23	10.292	1389	1395	1398	rBV2	34689	43244	3.53%	0.335%
24	10.422	1413	1417	1423	rVB	53830	52789	4.31%	0.409%
25	10.669	1455	1459	1466	rBV	117731	138167	11.27%	1.072%
26	10.769	1473	1476	1483	rVB2	30388	45145	3.68%	0.350%
27	10.969	1505	1510	1513	rBV2	17548	26480	2.16%	0.205%
28	10.998	1513	1515	1518	rVB2	16076	13682	1.12%	0.106%
29	11.216	1548	1552	1554	rBV2	27898	28208	2.30%	0.219%
30	11.257	1554	1559	1563	rVB3	31803	43655	3.56%	0.339%
31	11.357	1572	1576	1579	rBV	1248838	1202827	98.12%	9.330%
32	11.380	1579	1580	1585	rVV	371347	285728	23.31%	2.216%
33	11.439	1587	1590	1593	rVB	65796	63418	5.17%	0.492%
34	11.598	1613	1617	1622	rBV	26424	38969	3.18%	0.302%

LSC Area Percent Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-020719

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.639	1622	1624	1627	rVV2	25227	25146	2.05%	0.195%
36	11.692	1630	1633	1638	rVB4	19111	25884	2.11%	0.201%
37	11.739	1638	1641	1644	rBV	449363	337062	27.50%	2.615%
38	11.863	1659	1662	1664	rBV	54236	49340	4.03%	0.383%
39	11.892	1664	1667	1673	rVB2	74484	81711	6.67%	0.634%
40	11.939	1673	1675	1678	rBV	24101	23278	1.90%	0.181%
41	11.975	1678	1681	1683	rVV2	86514	82330	6.72%	0.639%
42	11.998	1683	1685	1690	rVB	37211	37862	3.09%	0.294%
43	12.045	1690	1693	1695	rBV2	32605	26659	2.17%	0.207%
44	12.157	1709	1712	1714	rBV2	29778	29556	2.41%	0.229%
45	12.192	1716	1718	1722	rVB4	16780	20599	1.68%	0.160%
46	12.339	1740	1743	1745	rBV2	19654	16235	1.32%	0.126%
47	12.427	1752	1758	1759	rBV	1144588	1070195	87.30%	8.302%
48	12.445	1759	1761	1768	rVV	1334171	1207768	98.53%	9.369%
49	12.498	1768	1770	1773	rVV3	23985	28792	2.35%	0.223%
50	12.533	1773	1776	1779	rVB	150969	132811	10.83%	1.030%
51	12.574	1780	1783	1787	rBV	376053	312511	25.49%	2.424%
52	12.804	1816	1822	1829	rBV	315229	363558	29.66%	2.820%
53	12.857	1829	1831	1835	rVV5	22851	21439	1.75%	0.166%
54	12.939	1841	1845	1848	rBV	279495	258677	21.10%	2.007%
55	13.198	1887	1889	1892	rVB	39775	32507	2.65%	0.252%
56	13.239	1894	1896	1898	rBV	30301	28186	2.30%	0.219%
57	13.333	1910	1912	1914	rBV2	29886	21511	1.75%	0.167%
58	14.004	2022	2026	2029	rBV2	899527	917783	74.87%	7.119%
59	15.051	2201	2204	2207	rBV	88961	117055	9.55%	0.908%
60	15.474	2272	2276	2281	rBV	582766	801240	65.36%	6.215%

Sum of corrected areas: 12891548

LSC Report - Integrated Chromatogram

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Misc :
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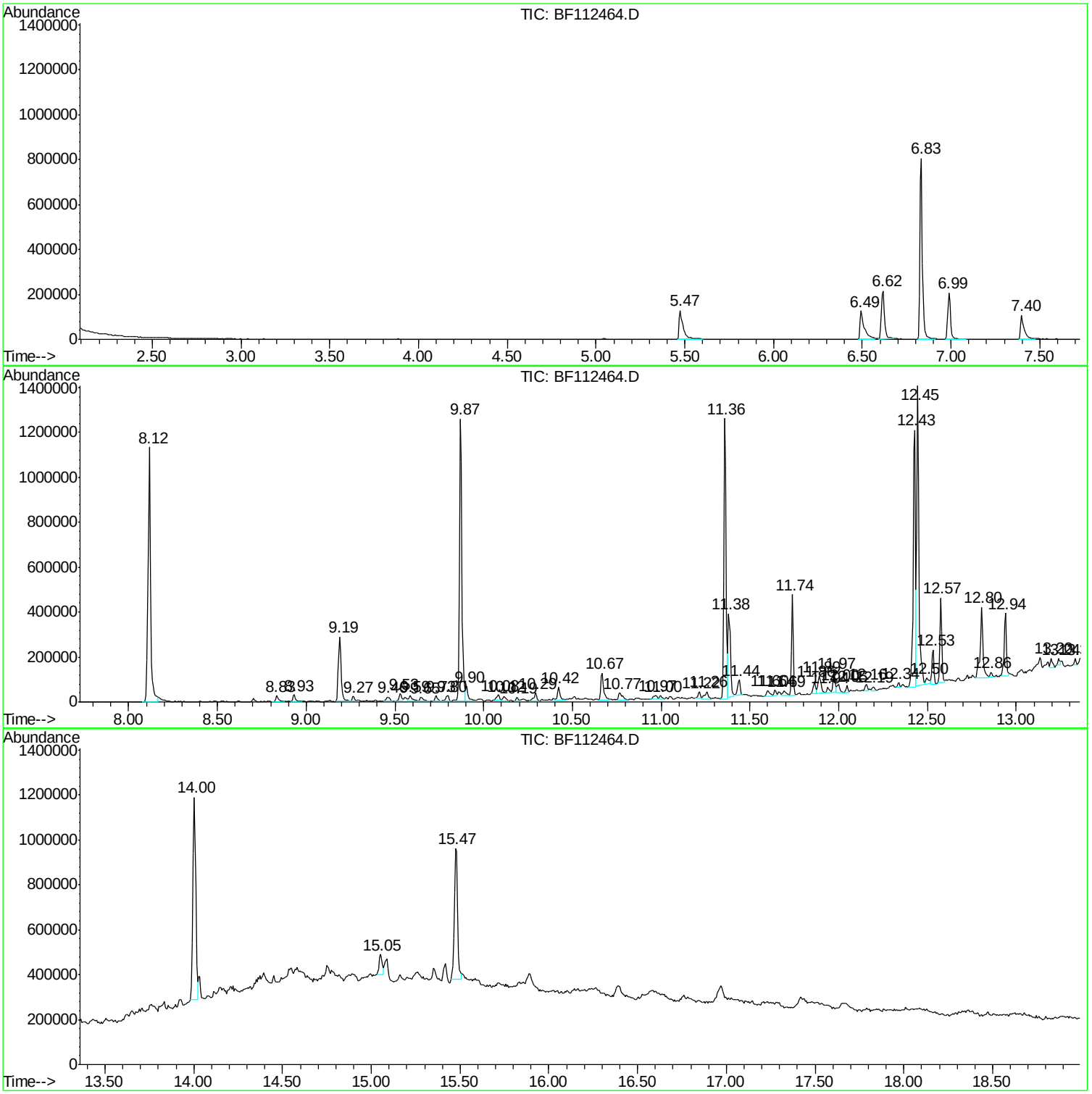
Instrument : BNA_F
ClientSampleId : OK-01-020719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112464.D
Acq On : 8 Feb 2019 17:21
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Sample : K1348-01 10X
Misc :
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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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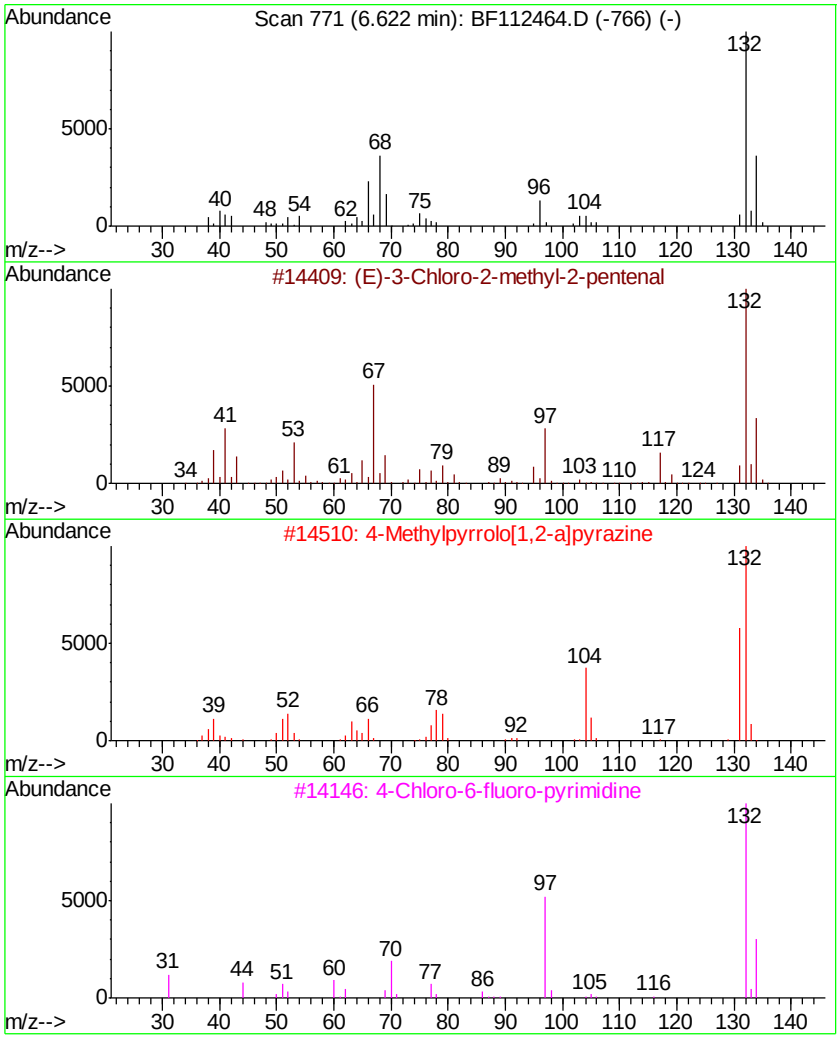
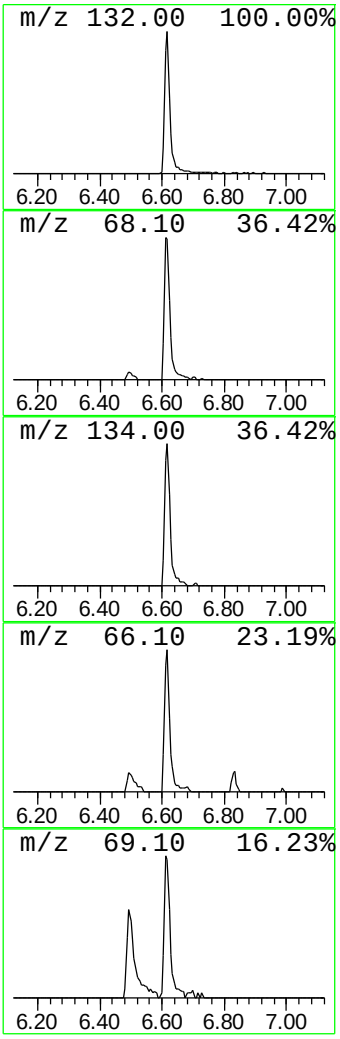
Peak Number 1 unknown6.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	6.28 ng	250785	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
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Instrument : BNA_F
ClientSampleId : OK-01-020719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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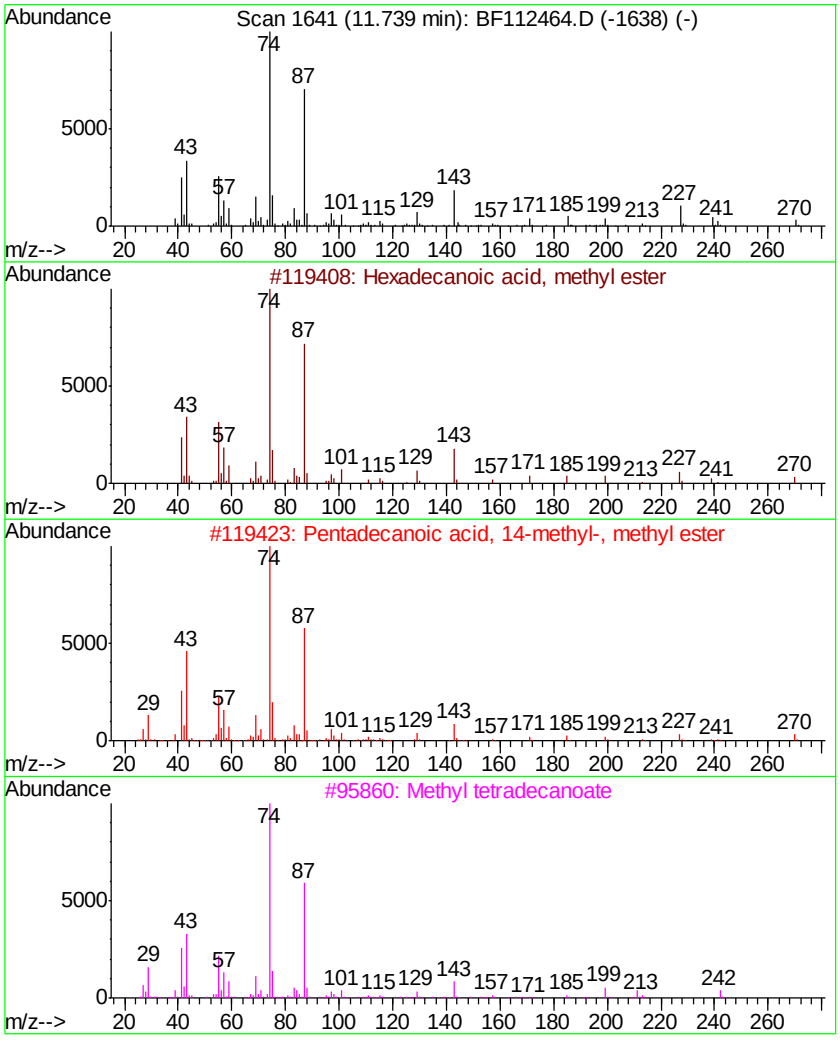
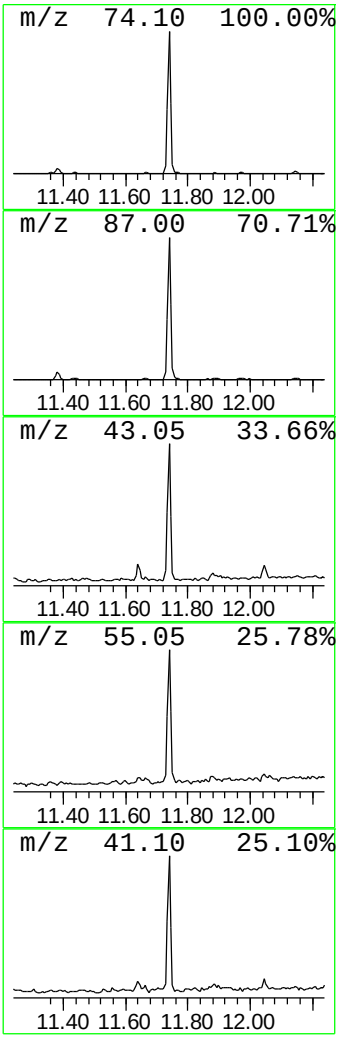
Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	5.60 ng	337062	Phenanthrene-d10	11.36

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	93
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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TIC Integration Parameters: LSCINT.P

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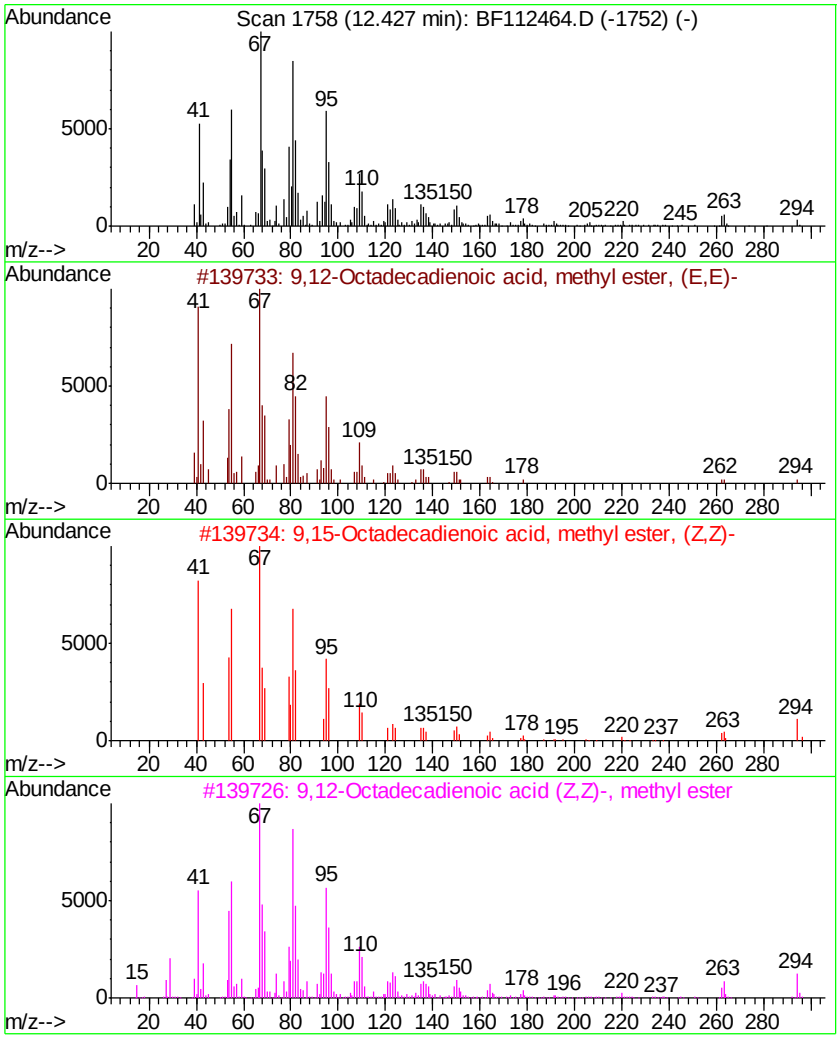
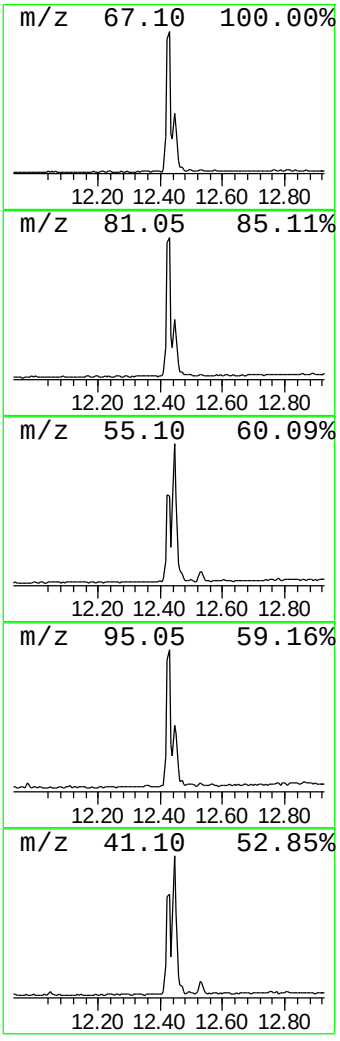
Peak Number 4 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	17.79 ng	1070200	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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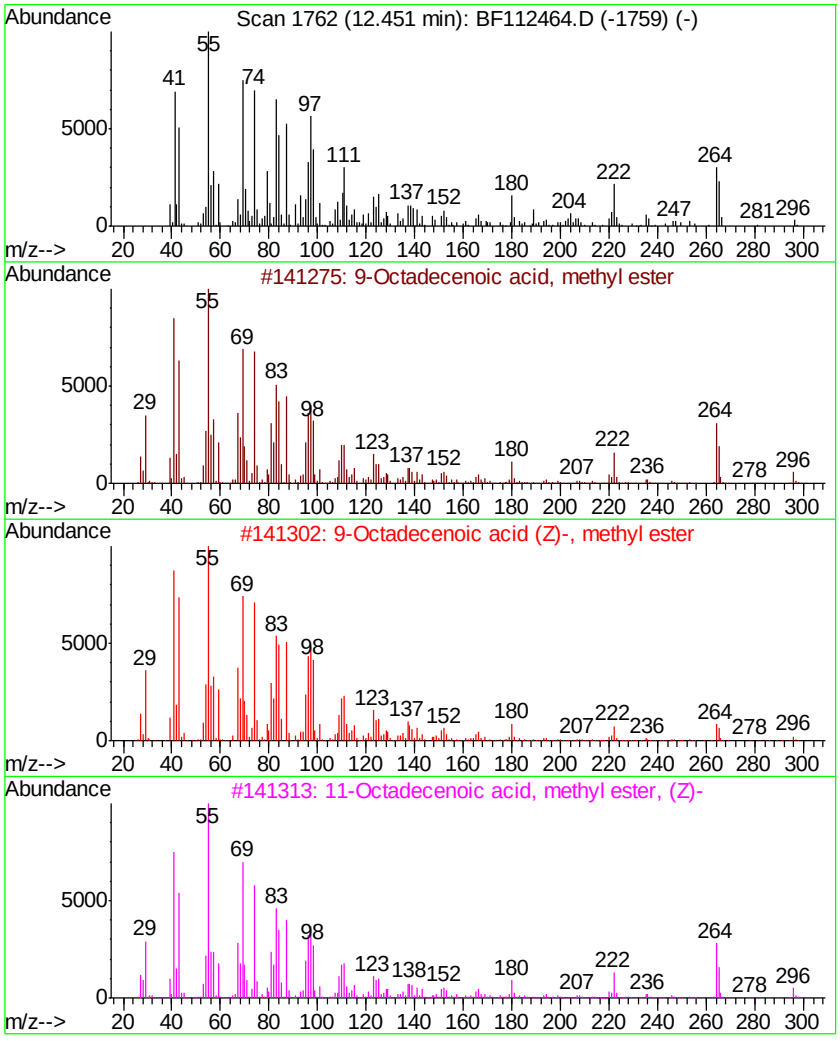
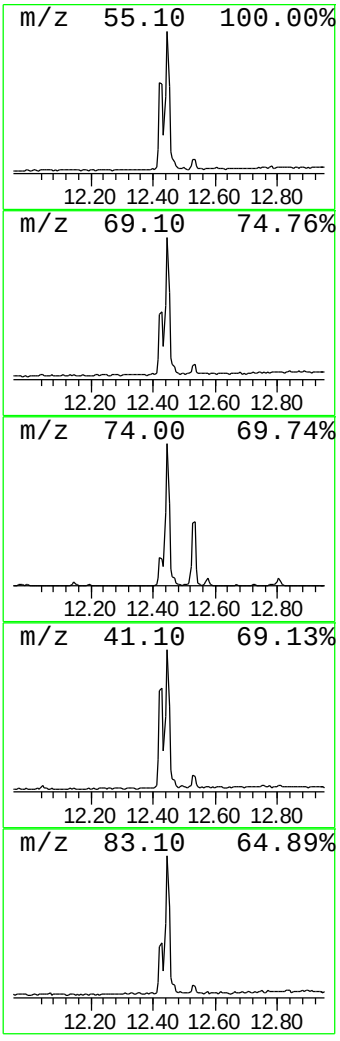
Peak Number 5 9-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	20.08 ng	1207770	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	96
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	94
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	93





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.62	6.62	6.3	ng	250785	1	6.83	798780	20.0
Hexadecanoic acid...	11.74	5.6	ng	337062	4	11.36	1202830	20.0
9,12-Octadecadien...	12.43	17.8	ng	1070200	4	11.36	1202830	20.0
9-Octadecenoic ac...	12.45	20.1	ng	1207770	4	11.36	1202830	20.0