LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104723.D
Acq On : 23 Apr 2018 21:21
Operator : JU/SJ
Sample : J2500-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-400028-2171

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-BF040618.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	5.016	494	498	507	rBV	65896	86676	2.75%	0.235%
2	5.428	564	568	581	rBV	2097485	2112214	67.11%	5.735%
3	6.451	738	742	753	rBV	2078920	2196792	69.80%	5.965%
4	6.581	760	764	767	rBV	2484273	2143403	68.10%	5.820%
5	6.810	799	803	806	rBV	727584	655765	20.84%	1.780%
6	6.963	825	829	832	rBV	2012580	1693813	53.82%	4.599%
7	7.375	894	899	902	rBV	1381596	1177642	37.42%	3.197%
8	8.092	1017	1021	1024	rBV	1053818	827335	26.29%	2.246%
9	9.169	1200	1204	1207	rBV	2520323	2111710	67.09%	5.734%
10	9.563	1267	1271	1278	rVB	149612	152434	4.84%	0.414%
11	9.769	1303	1306	1309	rVB	88681	64555	2.05%	0.175%
12	9.851	1316	1320	1323	rBV	934108	845834	26.87%	2.297%
13	9.881	1323	1325	1328	rVB	92917	70136	2.23%	0.190%
14	10.051	1352	1354	1358	rVB2	47462	45045	1.43%	0.122%
15	10.092	1358	1361	1365	rVB2	37317	36739	1.17%	0.100%
16	10.245	1384	1387	1389	rBV	38071	40167	1.28%	0.109%
17	10.269	1389	1391	1394	rVB	127424	93974	2.99%	0.255%
18	10.398	1409	1413	1417	rVB3	65329	67722	2.15%	0.184%
19	10.486	1425	1428	1431	rBV2	31881	31985	1.02%	0.087%
20	10.551	1434	1439	1447	rVB3	44242	58970	1.87%	0.160%
21	10.639	1451	1454	1460	rBV	1212894	1181176	37.53%	3.207%
22	10.745	1468	1472	1480	rBV2	94627	124685	3.96%	0.339%
23	10.945	1500	1506	1509	rBV3	39189	56758	1.80%	0.154%
24	11.069	1523	1527	1529	rBV4	37646	44723	1.42%	0.121%
25	11.092	1529	1531	1537	rVV3	40168	53056	1.69%	0.144%
26	11.145	1537	1540	1543	rVV	49600	44987	1.43%	0.122%
27	11.192	1543	1548	1551	rVV2	89381	103013	3.27%	0.280%
28	11.233	1551	1555	1560	rVB2	60139	74332	2.36%	0.202%
29	11.339	1569	1573	1575	rBV	908874	783356	24.89%	2.127%
30	11.363	1575	1577	1580	rVV	1138225	869708	27.63%	2.361%
31	11.416	1582	1586	1589	rVV	335629	283746	9.02%	0.770%
32	11.439	1589	1590	1597	rVB2	19915	32994	1.05%	0.090%
33	11.575	1608	1613	1618	rBV3	50769	78995	2.51%	0.214%
34	11.628	1618	1622	1627	rVB3	42279	72379	2.30%	0.197%

LSC Area Percent Report

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Acq On : 23 Apr 2018 21:21
Operator : JU/SJ
Sample : J2500-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-400028-2171

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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.675	1627	1630	1634	rVB3	29742	41932	1.33%	0.114%
36	11.722	1635	1638	1642	rBV	1104657	919762	29.22%	2.497%
37	11.839	1655	1658	1661	rBV	156736	136806	4.35%	0.371%
38	11.869	1661	1663	1667	rVB	217417	168456	5.35%	0.457%
39	11.916	1668	1671	1674	rBV	105486	85933	2.73%	0.233%
40	11.951	1674	1677	1680	rBV	212038	246059	7.82%	0.668%
41	11.975	1680	1681	1687	rVB	109875	71325	2.27%	0.194%
42	12.027	1687	1690	1692	rBV2	46019	48053	1.53%	0.130%
43	12.133	1705	1708	1711	rVB	126740	114461	3.64%	0.311%
44	12.169	1711	1714	1717	rBV	49371	47344	1.50%	0.129%
45	12.286	1729	1734	1737	rBV2	47643	57753	1.83%	0.157%
46	12.339	1741	1743	1746	rVB	42724	37660	1.20%	0.102%
47	12.416	1752	1756	1758	rBV	3057516	3147365	100.00%	8.545%
48	12.433	1758	1759	1765	rVB2	2266485	1584260	50.34%	4.301%
49	12.480	1765	1767	1770	rVB2	141217	125365	3.98%	0.340%
50	12.516	1770	1773	1776	rVB	510024	396909	12.61%	1.078%
51	12.557	1776	1780	1784	rBV	1742157	1567336	49.80%	4.255%
52	12.622	1788	1791	1794	rVB2	48193	50101	1.59%	0.136%
53	12.704	1798	1805	1808	rBV3	68781	116940	3.72%	0.318%
54	12.792	1812	1820	1823	rBV2	1385960	1631058	51.82%	4.428%
55	12.833	1825	1827	1832	rVB2	71511	83812	2.66%	0.228%
56	12.927	1835	1843	1846	rBV	1848513	1808329	57.46%	4.910%
57	13.004	1851	1856	1860	rBV2	116346	193412	6.15%	0.525%
58	13.116	1867	1875	1878	rBV2	173603	319953	10.17%	0.869%
59	13.180	1883	1886	1888	rVB	69280	58908	1.87%	0.160%
60	13.216	1888	1892	1895	rBV2	142230	183453	5.83%	0.498%
61	13.245	1895	1897	1900	rVB3	58104	50125	1.59%	0.136%
62	13.310	1905	1908	1911	rBV	71094	63056	2.00%	0.171%
63	13.339	1911	1913	1917	rBV2	77655	83617	2.66%	0.227%
64	13.486	1935	1938	1941	rBV4	35930	51024	1.62%	0.139%
65	13.621	1958	1961	1965	rVB	117820	113529	3.61%	0.308%
66	13.733	1976	1980	1982	rBV2	93340	103603	3.29%	0.281%
67	13.763	1982	1985	1987	rBV	91977	71212	2.26%	0.193%
68	13.786	1987	1989	1991	rBV	78547	76222	2.42%	0.207%
69	13.816	1991	1994	1995	rBV2	110896	97340	3.09%	0.264%
70	13.910	2008	2010	2014	rVB3	49902	51199	1.63%	0.139%
71	13.986	2018	2023	2026	rVV2	832526	1311639	41.67%	3.561%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : RBR-400028-2171

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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.016	2026	2028	2035	rVB	550372	478391	15.20%	1.299%
73	14.074	2035	2038	2039	rBV2	43346	42810	1.36%	0.116%
74	14.092	2039	2041	2044	rVB	98527	77454	2.46%	0.210%
75	14.374	2087	2089	2092	rVB	89076	79770	2.53%	0.217%
76	14.410	2093	2095	2098	rVV	43230	35373	1.12%	0.096%
77	15.033	2197	2201	2204	rBV	427704	619280	19.68%	1.681%
78	15.139	2217	2219	2223	rVB	84195	76791	2.44%	0.208%
79	15.333	2249	2252	2258	rVB	218909	297035	9.44%	0.806%
80	15.398	2259	2263	2268	rVV	395776	447126	14.21%	1.214%
81	15.463	2269	2274	2277	rVV	339736	451484	14.34%	1.226%
82	15.492	2277	2279	2286	rVB	122418	146859	4.67%	0.399%
83	16.927	2518	2523	2530	rVB2	148237	277895	8.83%	0.755%
84	17.368	2594	2598	2604	rVB	97081	168637	5.36%	0.458%

Sum of corrected areas: 36831035

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104723.D
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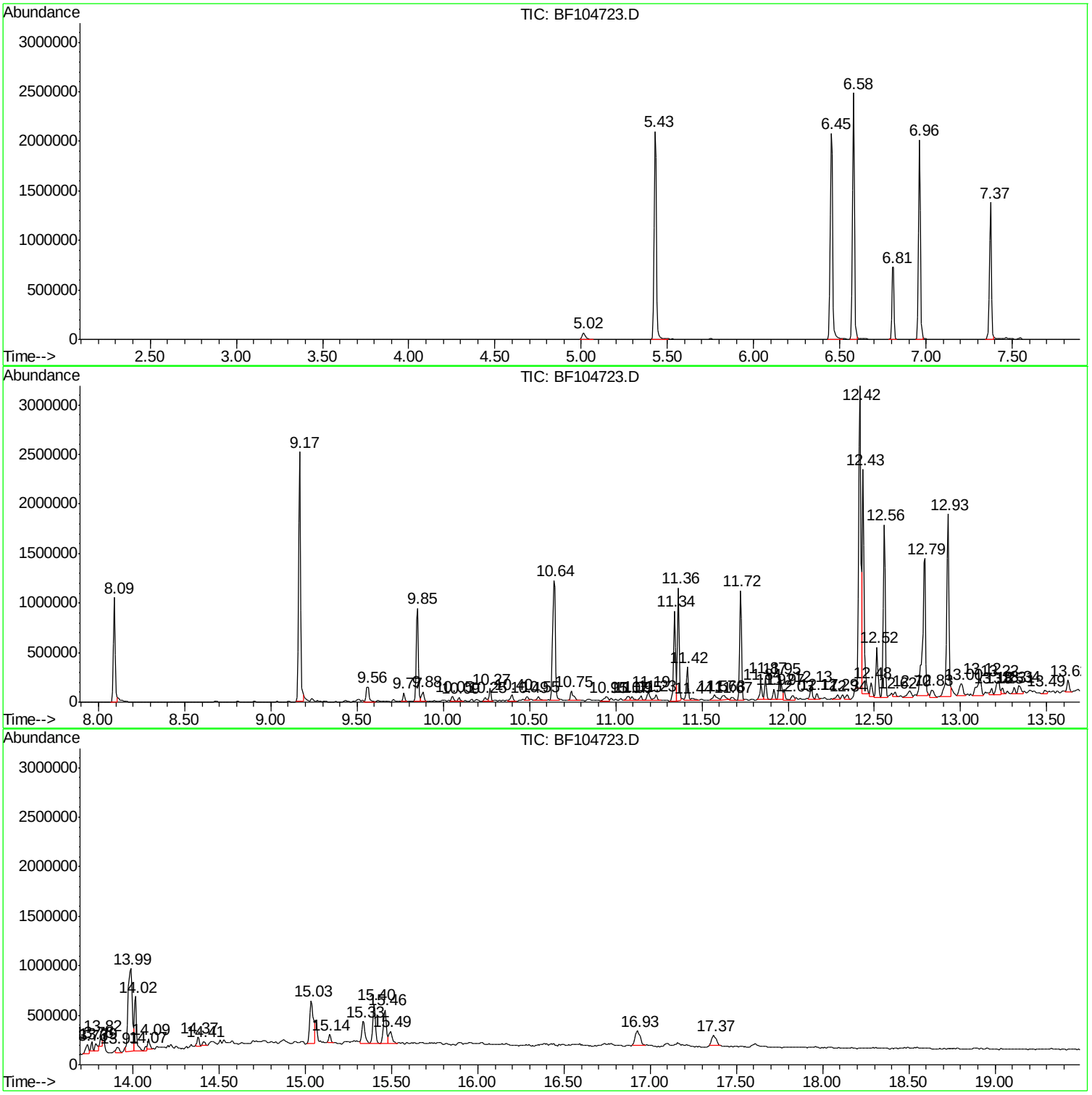
Operator : JU/SJ
Sample : J2500-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-400028-2171

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104723.D
Acq On : 23 Apr 2018 21:21
Operator : JU/SJ
Sample : J2500-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-400028-2171

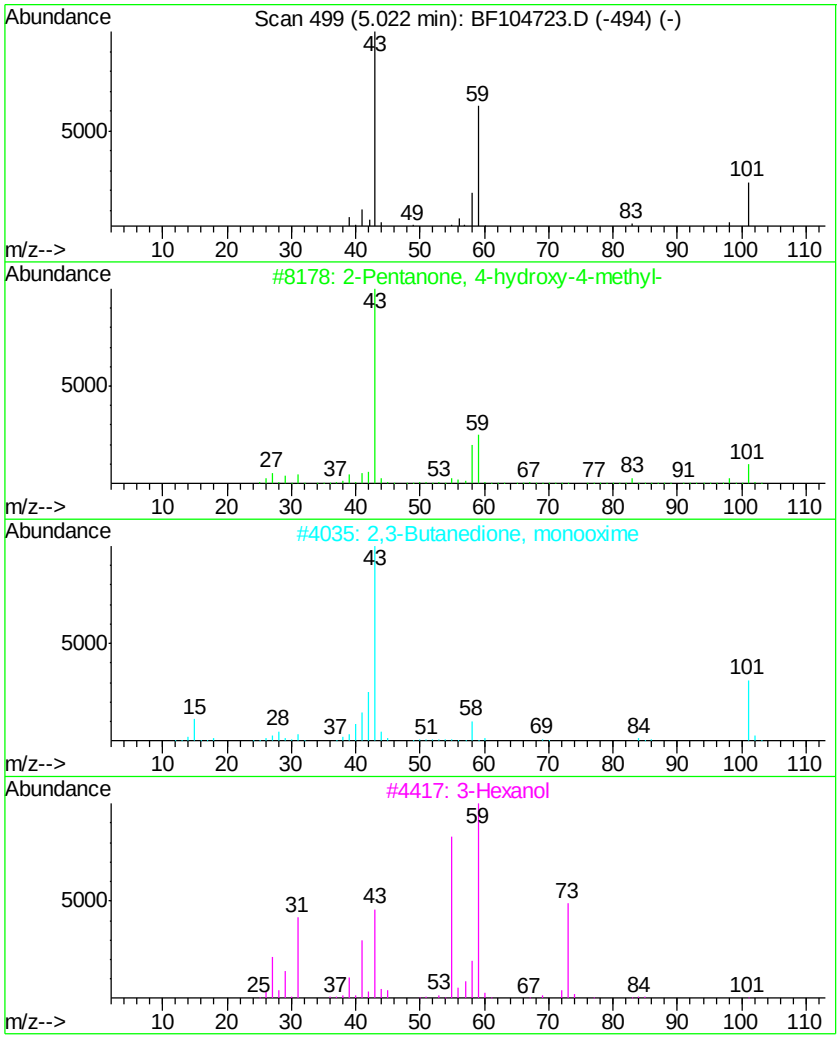
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

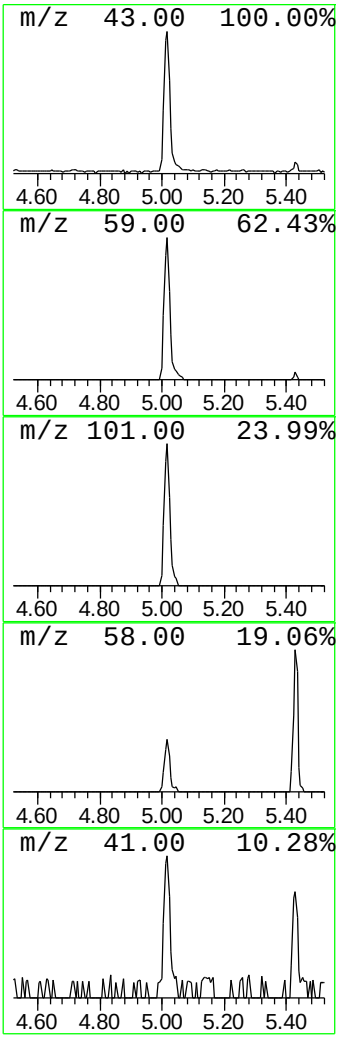
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	2.64 ng	86676	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
3	3-Hexanol	102	C6H14O	000623-37-0	28
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	28
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23





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Acq On : 23 Apr 2018 21:21
Operator : JU/SJ
Sample : J2500-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-400028-2171

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

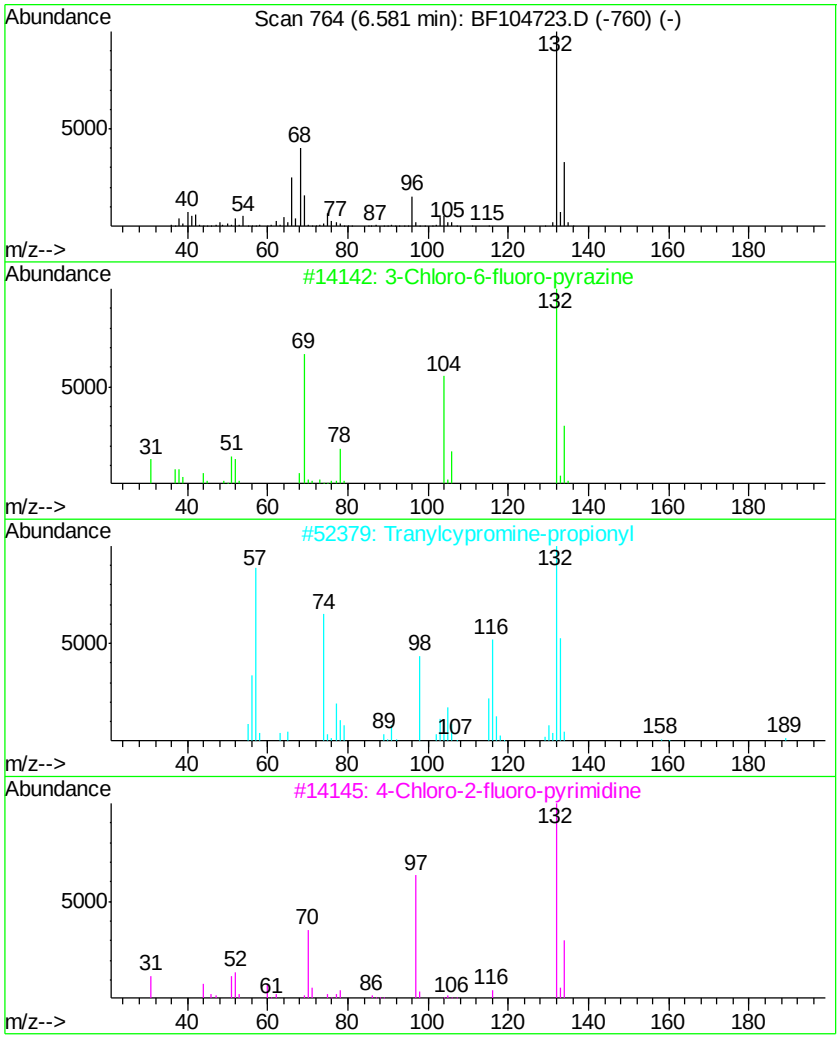
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

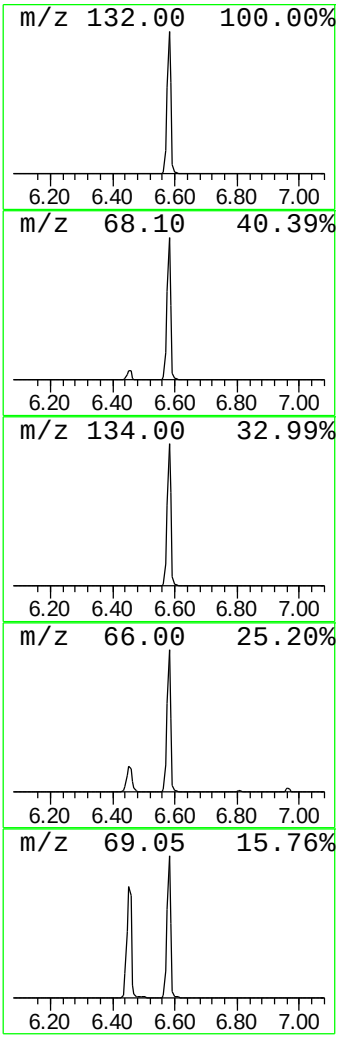
****

Peak Number 2 unknown6.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	65.37 ng	2143400	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104723.D
Acq On : 23 Apr 2018 21:21
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Sample : J2500-01
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Instrument : BNA_F
ClientSampleId : RBR-400028-2171

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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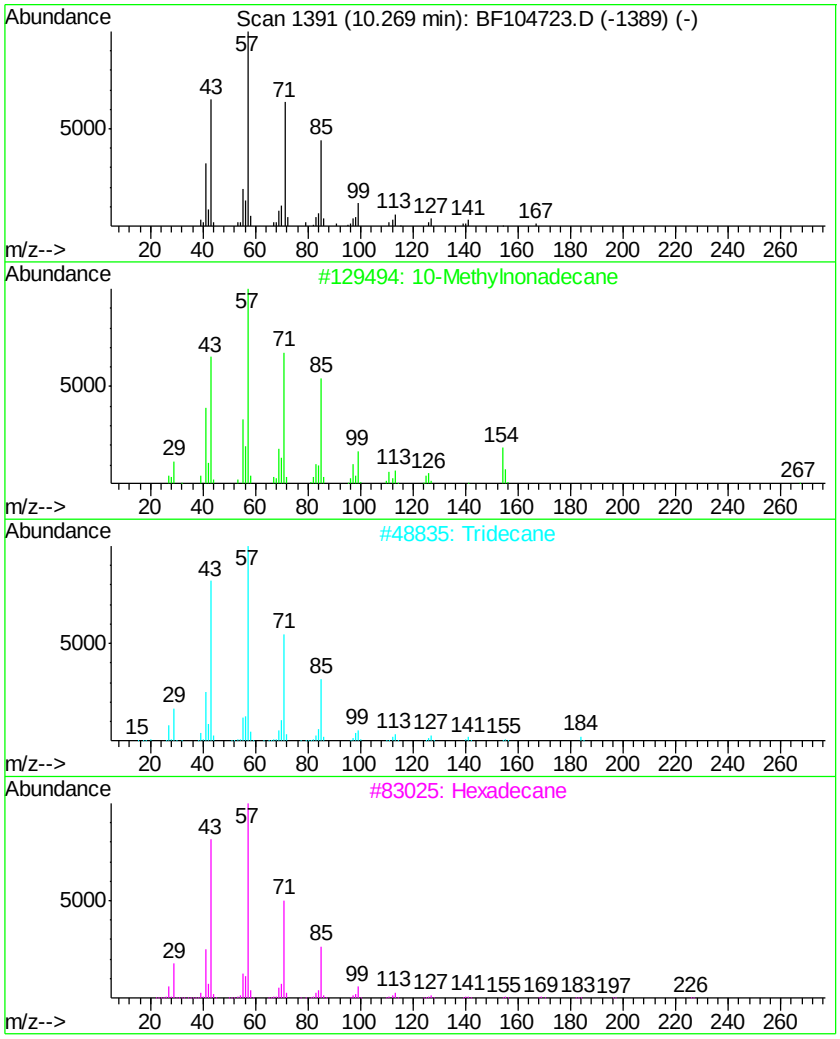
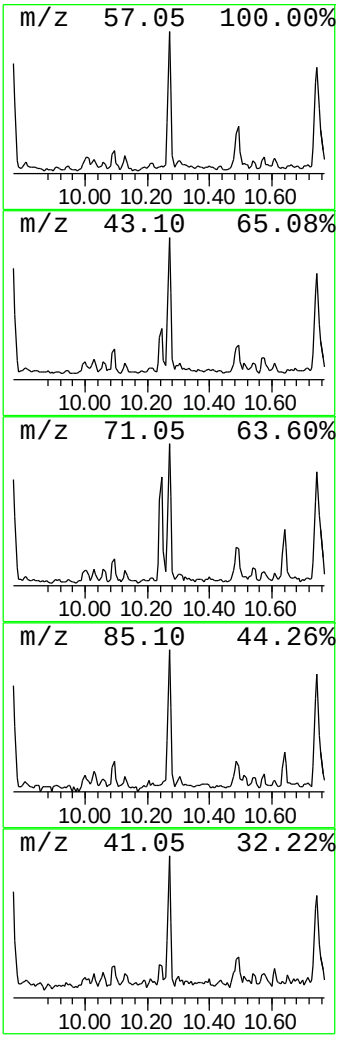
****

Peak Number 4 10-Methylnonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	2.22 ng	93974	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Pentadecane	212	C15H32	000629-62-9	86





Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
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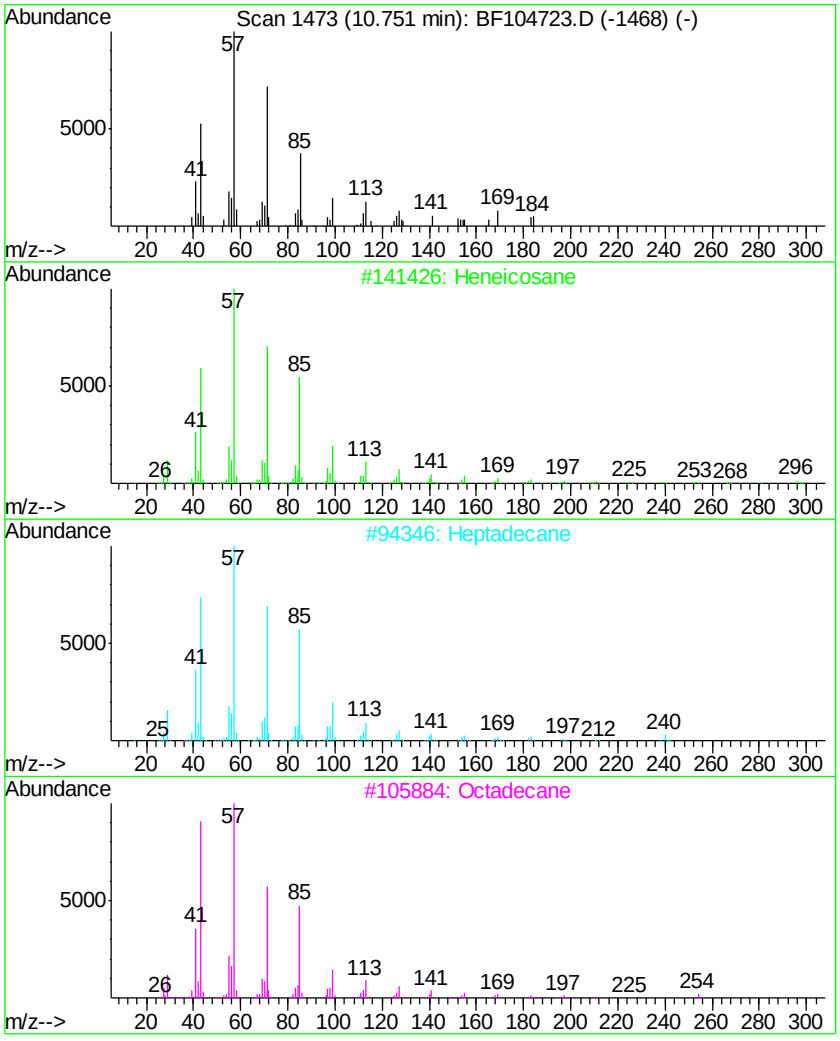
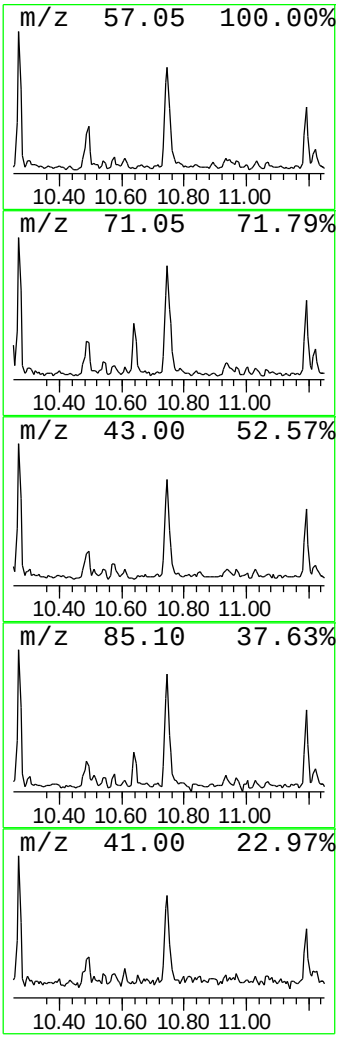
****

Peak Number 5 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	3.18 ng	124685	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Instrument : BNA_F
ClientSampleId : RBR-400028-2171

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

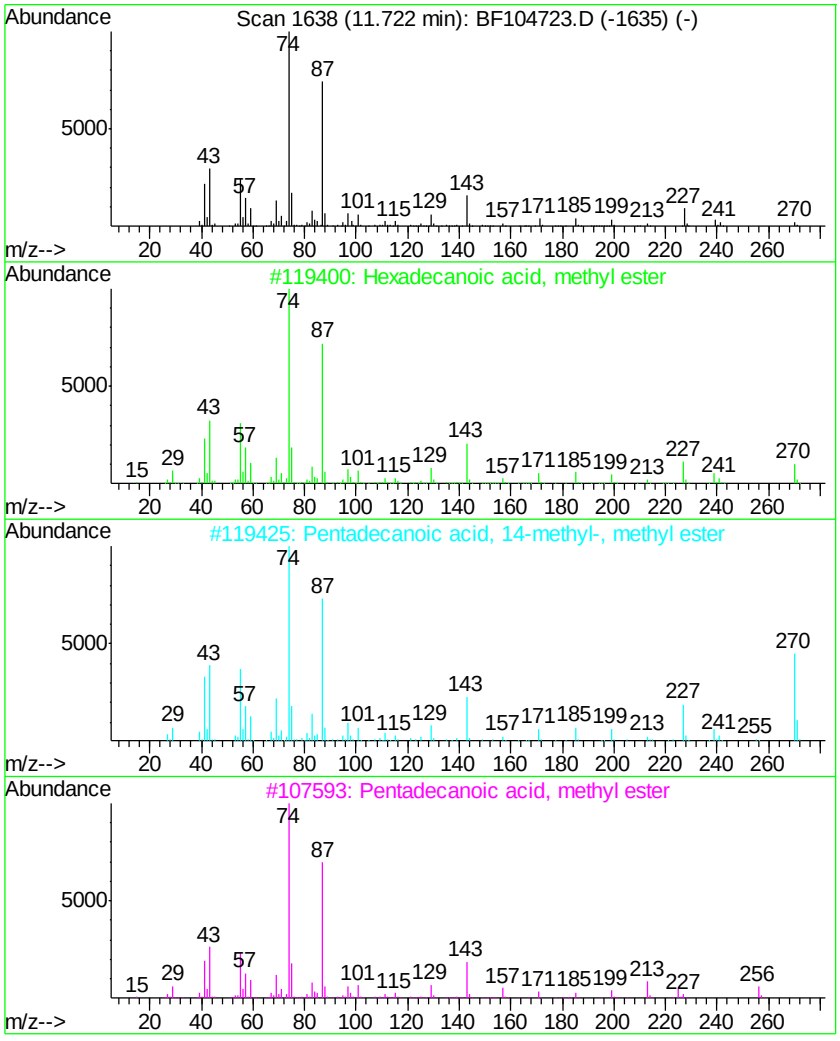
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

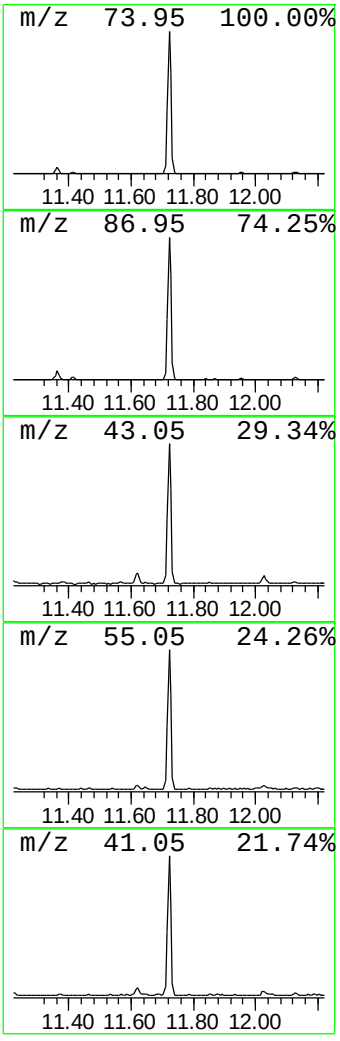
****

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	23.48 ng	919762	Phenanthrene-d10	11.34

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	90
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104723.D
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Sample : J2500-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-400028-2171

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

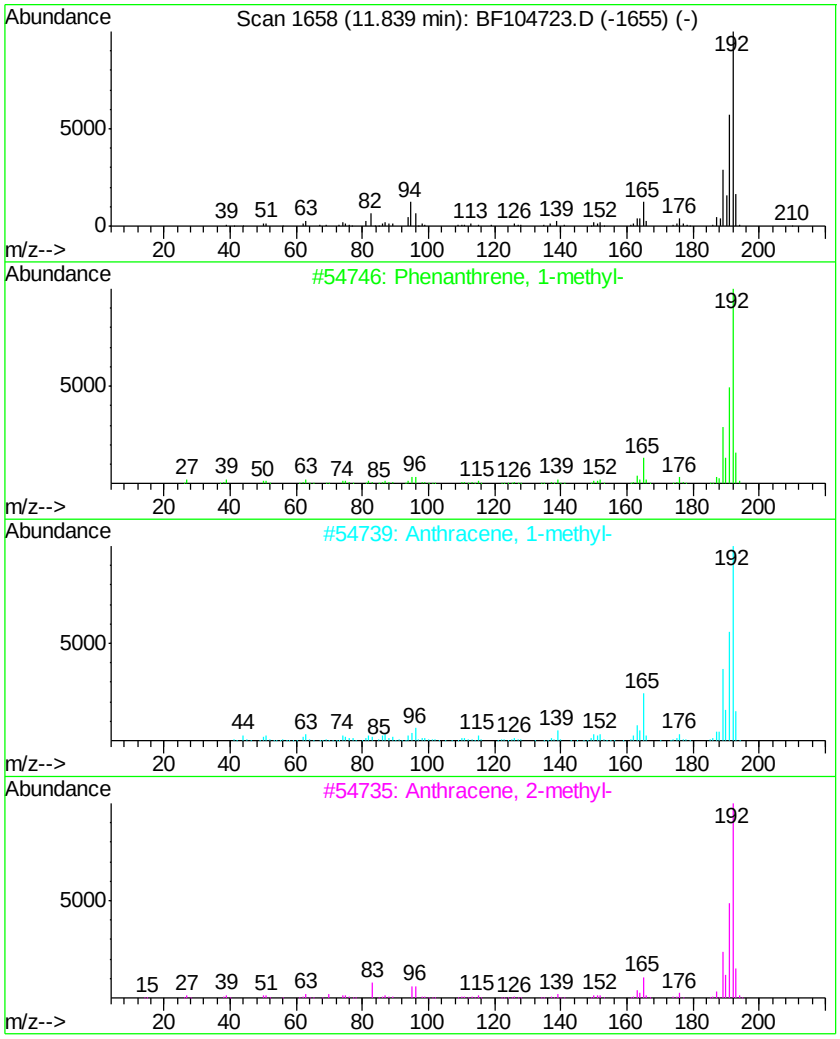
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

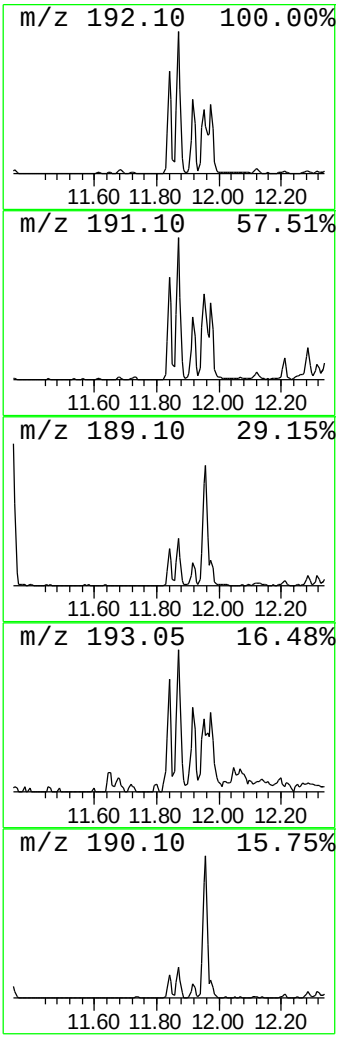
****

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	3.49 ng	136806	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





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Acq On : 23 Apr 2018 21:21
Operator : JU/SJ
Sample : J2500-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-400028-2171

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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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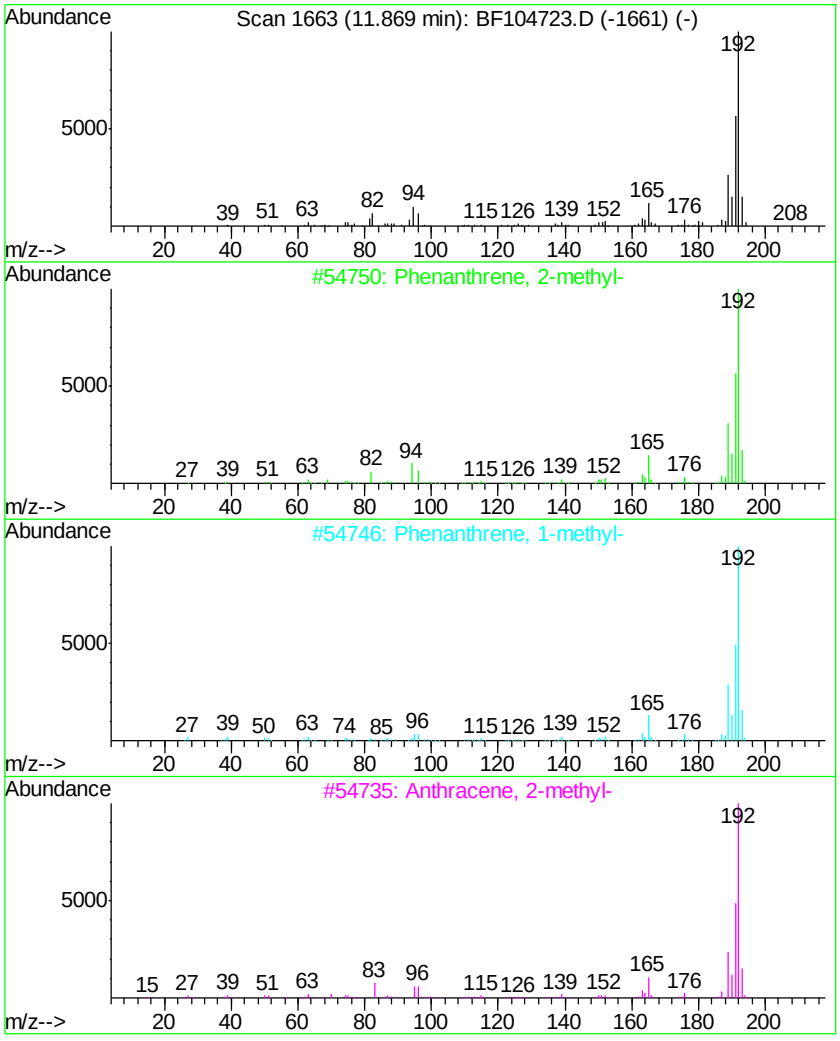
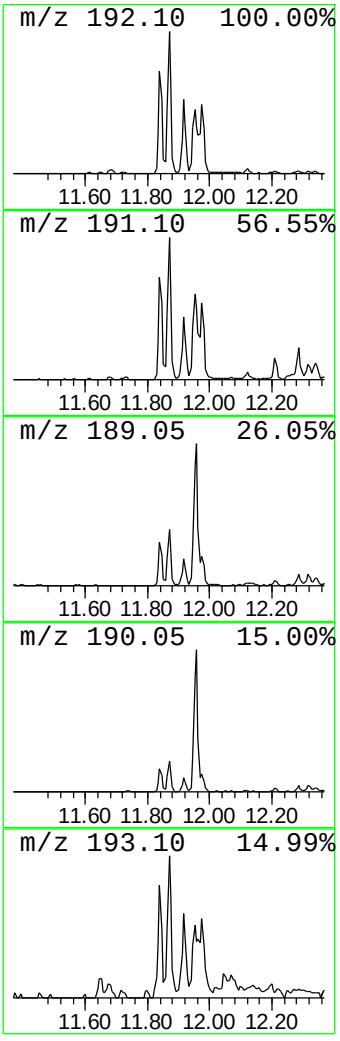
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	4.30 ng	168456	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





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Misc :
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Instrument : BNA_F
ClientSampleId : RBR-400028-2171

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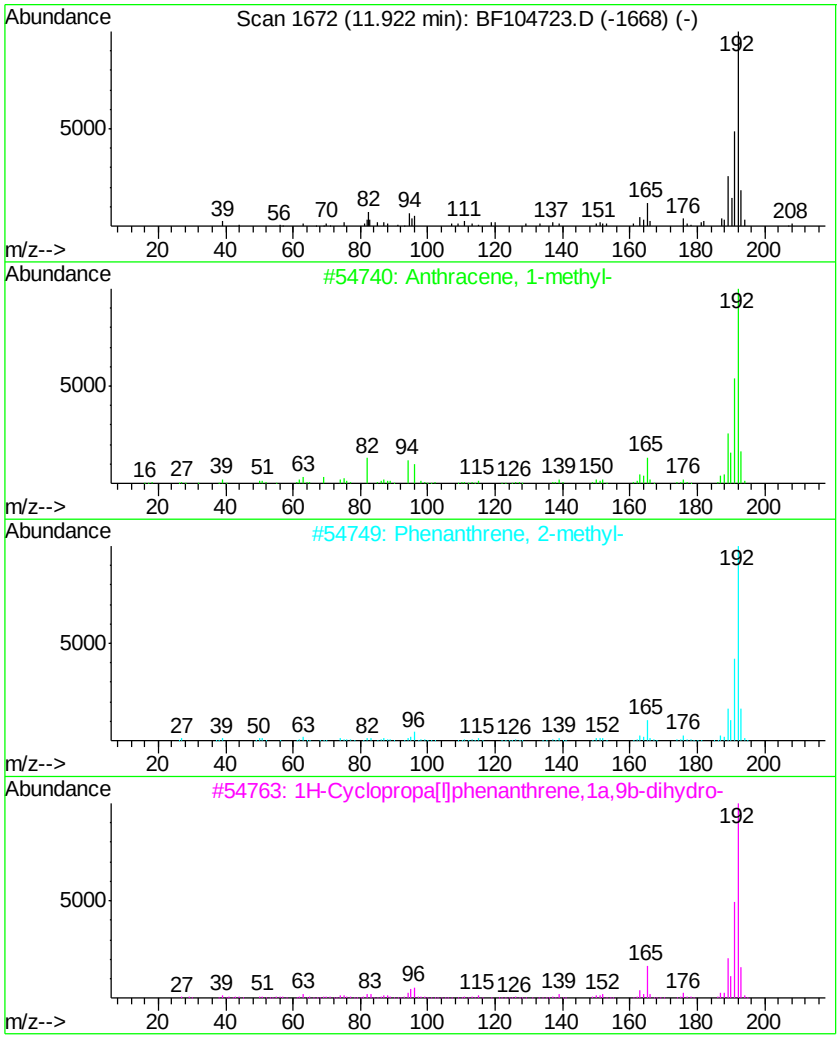
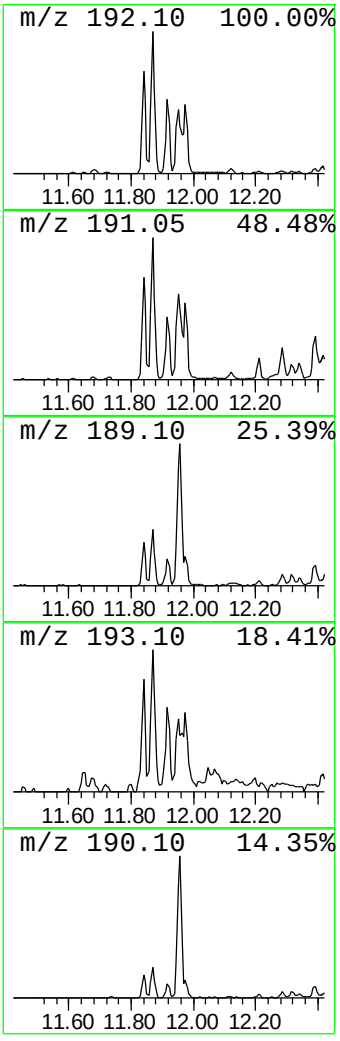
Peak Number 10 Anthracene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.19 ng	85933	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





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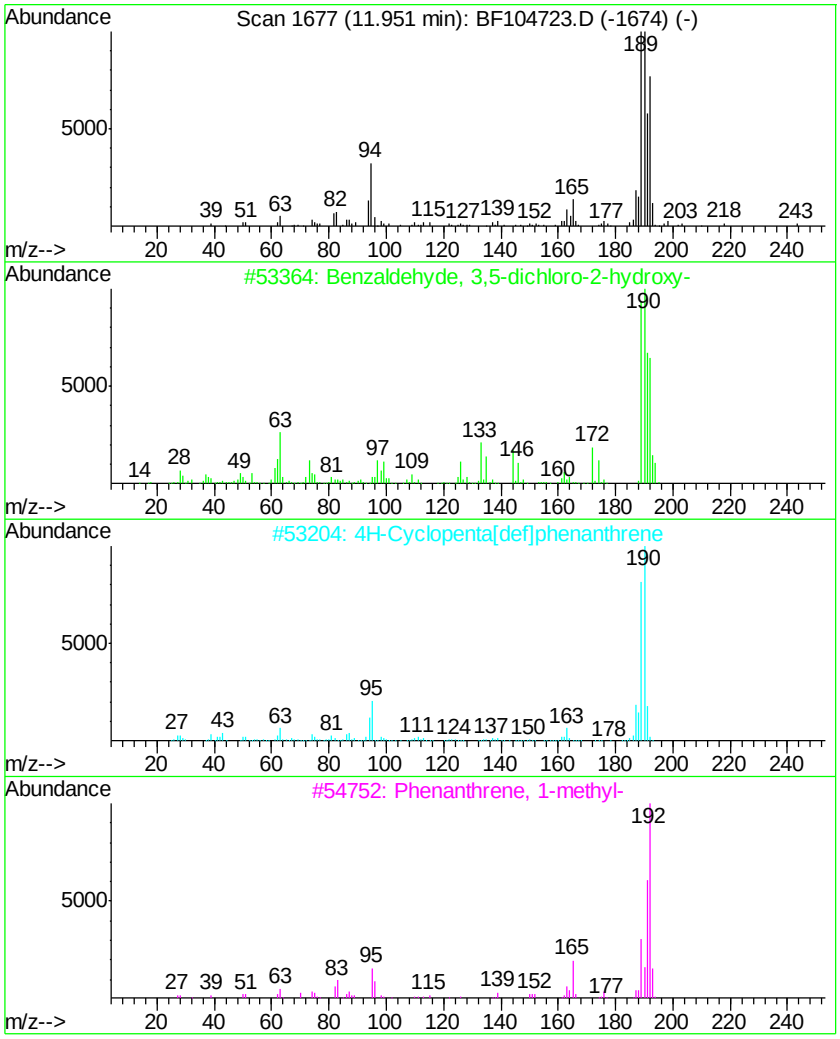
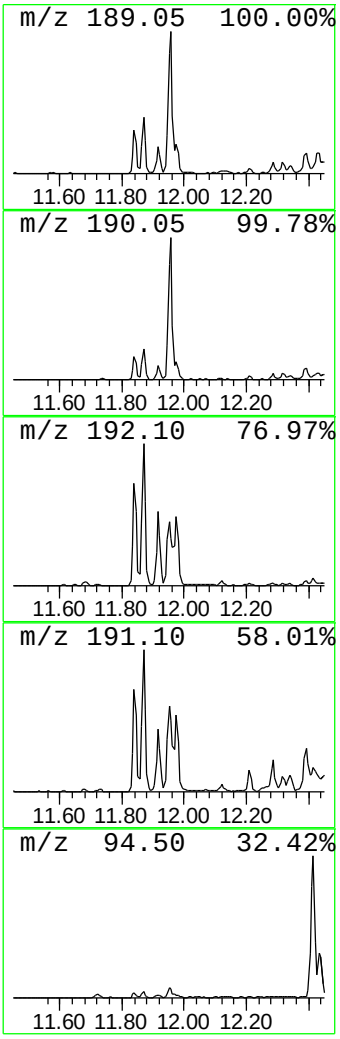
Peak Number 11 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	6.28 ng	246059	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	35
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	30





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Instrument : BNA_F
ClientSampleId : RBR-400028-2171

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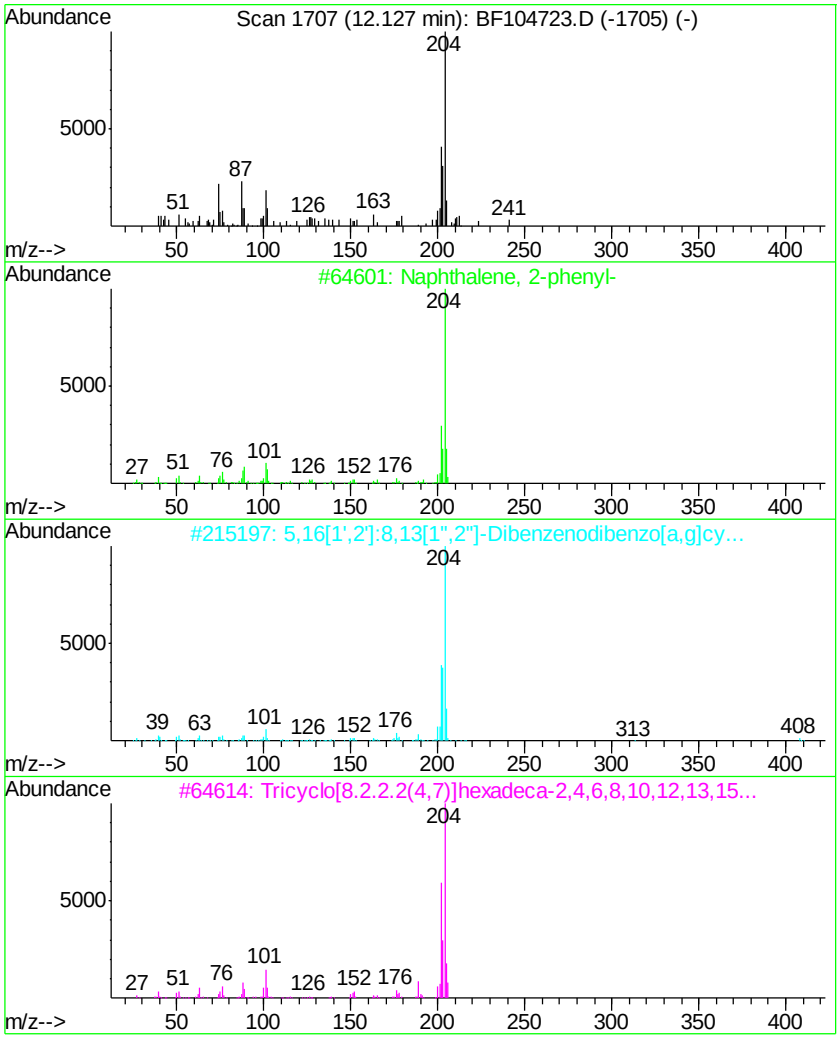
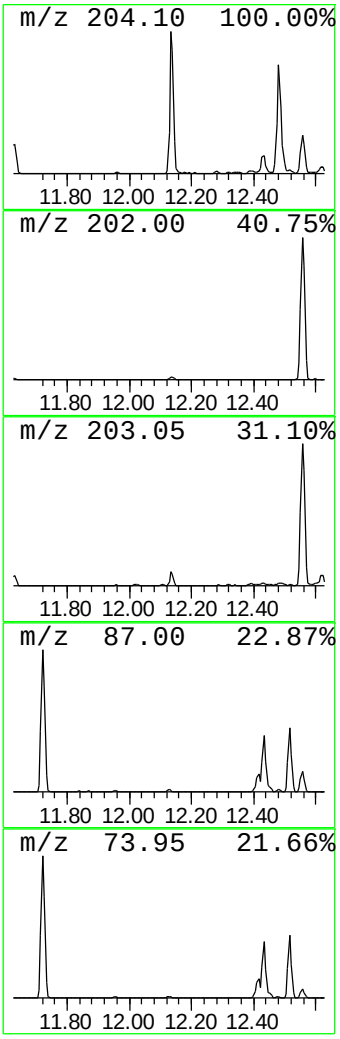
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.92 ng	114461	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Levamisole	204	C11H12N2S	014769-73-4	59
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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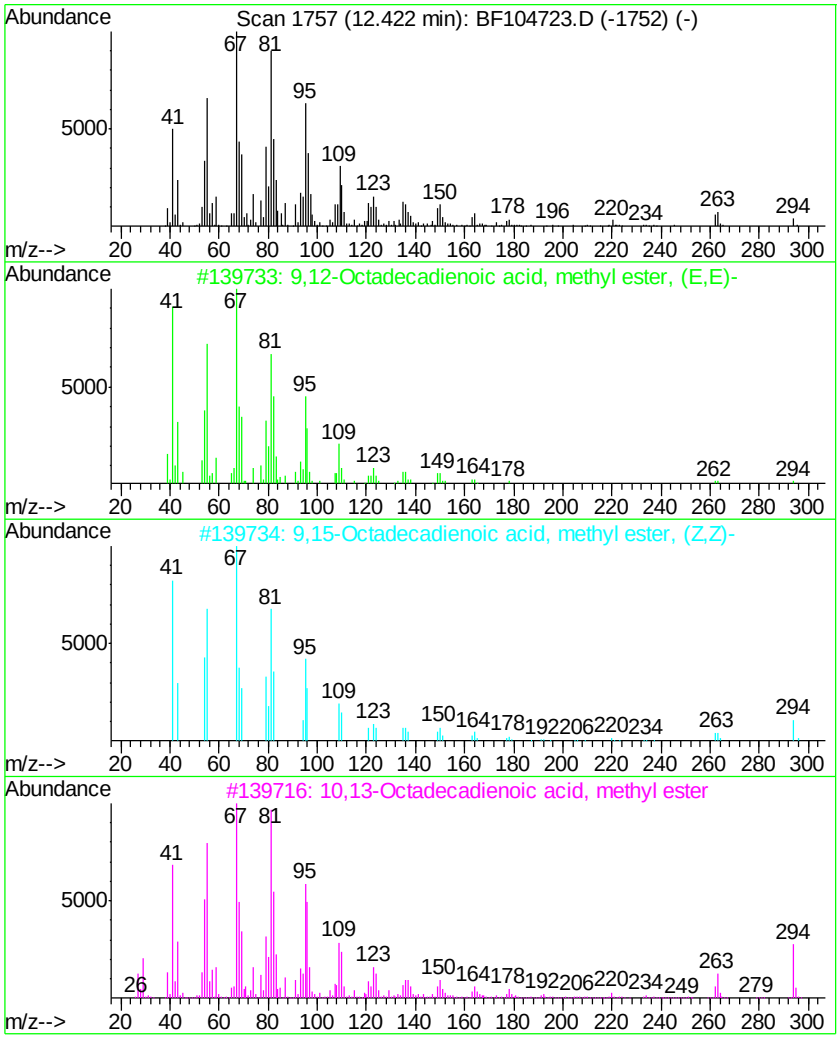
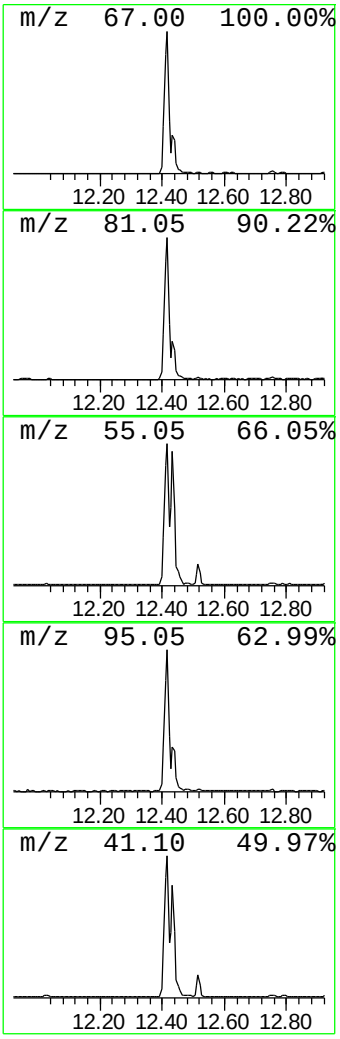
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	80.36 ng	3147370	Phenanthrene-d10	11.34

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	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98





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Peak Number 14 8-Octadecenoic acid, methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	40.45 ng	1584260	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	99
2	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99