LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108305.D
Acq On : 20 Aug 2018 22:07
Operator : JU/SJ
Sample : J4277-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-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:\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	5.248	491	495	504	rBV2	61722	75456	2.44%	0.194%
2	5.637	554	561	573	rBV	1387955	1376029	44.51%	3.544%
3	6.554	711	717	722	rBV2	56801	80357	2.60%	0.207%
4	6.631	726	730	734	rBV	1489862	1374849	44.47%	3.541%
5	6.784	752	756	762	rVB	1668113	1423318	46.04%	3.666%
6	7.019	792	796	799	rVB	1198192	1010042	32.67%	2.601%
7	7.172	819	822	826	rVB	1322334	1068989	34.58%	2.753%
8	7.284	834	841	843	rBV2	61918	72042	2.33%	0.186%
9	7.542	879	885	887	rBV4	45970	66349	2.15%	0.171%
10	7.578	887	891	896	rVV	953046	855148	27.66%	2.203%
11	7.654	899	904	908	rVV6	33947	57100	1.85%	0.147%
12	7.825	931	933	937	rVB3	47464	45496	1.47%	0.117%
13	7.936	949	952	959	rBV5	92802	103126	3.34%	0.266%
14	8.301	1009	1014	1017	rBV	1434586	1179520	38.15%	3.038%
15	8.342	1019	1021	1024	rVB2	84097	68579	2.22%	0.177%
16	8.578	1057	1061	1066	rVB5	60294	96821	3.13%	0.249%
17	8.701	1080	1082	1085	rBV	83591	57397	1.86%	0.148%
18	8.760	1090	1092	1097	rVB4	39099	44186	1.43%	0.114%
19	9.113	1149	1152	1155	rVB	90022	73355	2.37%	0.189%
20	9.301	1181	1184	1187	rVB2	90356	79298	2.56%	0.204%
21	9.372	1192	1196	1204	rBV	1799892	1445513	46.75%	3.723%
22	9.448	1205	1209	1212	rBV3	56873	59579	1.93%	0.153%
23	9.636	1238	1241	1245	rBV3	71154	121939	3.94%	0.314%
24	9.719	1251	1255	1257	rBV	117268	106608	3.45%	0.275%
25	9.760	1257	1262	1265	rBV3	227616	214476	6.94%	0.552%
26	9.836	1270	1275	1276	rBV2	71720	72550	2.35%	0.187%
27	9.925	1286	1290	1293	rBV2	185007	184918	5.98%	0.476%
28	9.966	1295	1297	1302	rVB	89153	86118	2.79%	0.222%
29	10.042	1307	1310	1311	rBV2	50628	55031	1.78%	0.142%
30	10.066	1311	1314	1317	rVV	1248740	1080799	34.96%	2.784%
31	10.095	1317	1319	1322	rVB	182485	140854	4.56%	0.363%
32	10.166	1327	1331	1335	rBV2	47113	64383	2.08%	0.166%
33	10.266	1344	1348	1351	rVV2	102824	140218	4.54%	0.361%
34	10.301	1351	1354	1357	rVB2	91359	86822	2.81%	0.224%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4277-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.377	1363	1367	1369	rBV2	104243	121542	3.93%	0.313%
36	10.407	1369	1372	1378	rVV2	75437	99597	3.22%	0.257%
37	10.466	1378	1382	1385	rVV2	109749	143887	4.65%	0.371%
38	10.519	1389	1391	1395	rVV2	44604	58384	1.89%	0.150%
39	10.613	1404	1407	1413	rVV	250206	260559	8.43%	0.671%
40	10.695	1416	1421	1424	rVV4	82009	134481	4.35%	0.346%
41	10.754	1428	1431	1432	rVV3	38840	42380	1.37%	0.109%
42	10.772	1432	1434	1436	rVB2	53957	45962	1.49%	0.118%
43	10.854	1444	1448	1452	rBV	783640	716513	23.18%	1.845%
44	10.948	1461	1464	1467	rBV	80710	125936	4.07%	0.324%
45	11.160	1495	1500	1503	rBV2	118523	157640	5.10%	0.406%
46	11.189	1503	1505	1509	rVV2	87908	92809	3.00%	0.239%
47	11.248	1512	1515	1517	rVB2	76898	72181	2.33%	0.186%
48	11.289	1517	1522	1524	rBV4	43499	71074	2.30%	0.183%
49	11.313	1524	1526	1530	rVB3	47728	49265	1.59%	0.127%
50	11.395	1537	1540	1543	rBV2	104597	100435	3.25%	0.259%
51	11.424	1543	1545	1547	rVV2	59967	57660	1.86%	0.149%
52	11.454	1547	1550	1554	rVB	173583	163774	5.30%	0.422%
53	11.560	1564	1568	1570	rBV	1127680	1026250	33.19%	2.643%
54	11.583	1570	1572	1576	rVV	1519922	1288410	41.67%	3.318%
55	11.636	1578	1581	1584	rVV	431061	367120	11.87%	0.946%
56	11.666	1584	1586	1589	rVV	94443	104450	3.38%	0.269%
57	11.707	1592	1593	1600	rVV4	50832	88665	2.87%	0.228%
58	11.789	1604	1607	1610	rVV4	72083	103075	3.33%	0.265%
59	11.824	1610	1613	1616	rVV	110798	115330	3.73%	0.297%
60	11.854	1616	1618	1620	rVV	73769	60265	1.95%	0.155%
61	11.889	1622	1624	1627	rVV	156198	156386	5.06%	0.403%
62	11.924	1627	1630	1634	rVV	1002909	857412	27.73%	2.208%
63	11.977	1636	1639	1643	rBV	97213	115435	3.73%	0.297%
64	12.060	1650	1653	1656	rBV	349024	362819	11.74%	0.934%
65	12.089	1656	1658	1662	rVB	435681	382297	12.37%	0.985%
66	12.136	1664	1666	1669	rVV	158511	143429	4.64%	0.369%
67	12.177	1669	1673	1675	rVV2	540652	621212	20.09%	1.600%
68	12.201	1675	1677	1680	rVB	315303	248038	8.02%	0.639%
69	12.236	1680	1683	1685	rBV2	82834	82531	2.67%	0.213%
70	12.295	1690	1693	1696	rVB	74491	73279	2.37%	0.189%
71	12.354	1701	1703	1706	rVV2	213394	223119	7.22%	0.575%

LSC Area Percent Report

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Sample : J4277-07 2X
Misc :
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Instrument : BNA_F
ClientSampleId : OR-03-081718-B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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72	12.389	1706	1709	1714	rVB2	105057	139457	4.51%	0.359%
73	12.489	1724	1726	1727	rBV	62542	48317	1.56%	0.124%
74	12.507	1727	1729	1732	rVV2	106003	91895	2.97%	0.237%
75	12.542	1732	1735	1737	rVV	121206	120039	3.88%	0.309%
76	12.560	1737	1738	1741	rVB2	105503	80534	2.60%	0.207%
77	12.618	1744	1748	1750	rBV2	3219508	3091747	100.00%	7.963%
78	12.642	1750	1752	1759	rVB3	2530982	2423742	78.39%	6.243%
79	12.724	1759	1766	1772	rVB4	634013	730501	23.63%	1.881%
80	12.783	1772	1776	1779	rBV	1732565	1492783	48.28%	3.845%
81	12.813	1779	1781	1784	rVV2	187282	182018	5.89%	0.469%
82	12.842	1784	1786	1789	rVV2	82769	67489	2.18%	0.174%
83	12.877	1790	1792	1794	rVB	72937	51530	1.67%	0.133%
84	12.936	1799	1802	1804	rBV	140315	127182	4.11%	0.328%
85	13.018	1809	1816	1821	rBV	1662425	1903365	61.56%	4.902%
86	13.065	1821	1824	1827	rBV	143225	149197	4.83%	0.384%
87	13.148	1834	1838	1840	rVB	1196397	1027538	33.23%	2.647%
88	13.165	1840	1841	1845	rVB2	96032	92292	2.99%	0.238%
89	13.224	1848	1851	1858	rBV3	148090	296304	9.58%	0.763%
90	13.342	1864	1871	1875	rBV	349090	537673	17.39%	1.385%
91	13.407	1880	1882	1885	rVB	317838	231649	7.49%	0.597%
92	13.448	1886	1889	1892	rBV	282176	228534	7.39%	0.589%
93	13.542	1902	1905	1907	rBV	203531	154976	5.01%	0.399%
94	13.571	1907	1910	1913	rVV	188698	165462	5.35%	0.426%
95	14.218	2015	2020	2022	rBV2	1041419	1412404	45.68%	3.638%
96	14.242	2022	2024	2031	rVB	574650	561159	18.15%	1.445%
97	14.324	2036	2038	2040	rBV	106458	99946	3.23%	0.257%
98	15.312	2203	2206	2210	rBV	242551	378847	12.25%	0.976%
99	15.718	2271	2275	2280	rVB	305218	400348	12.95%	1.031%
100	15.783	2283	2286	2290	rVB	410130	538430	17.42%	1.387%

Sum of corrected areas: 38826224

LSC Report - Integrated Chromatogram

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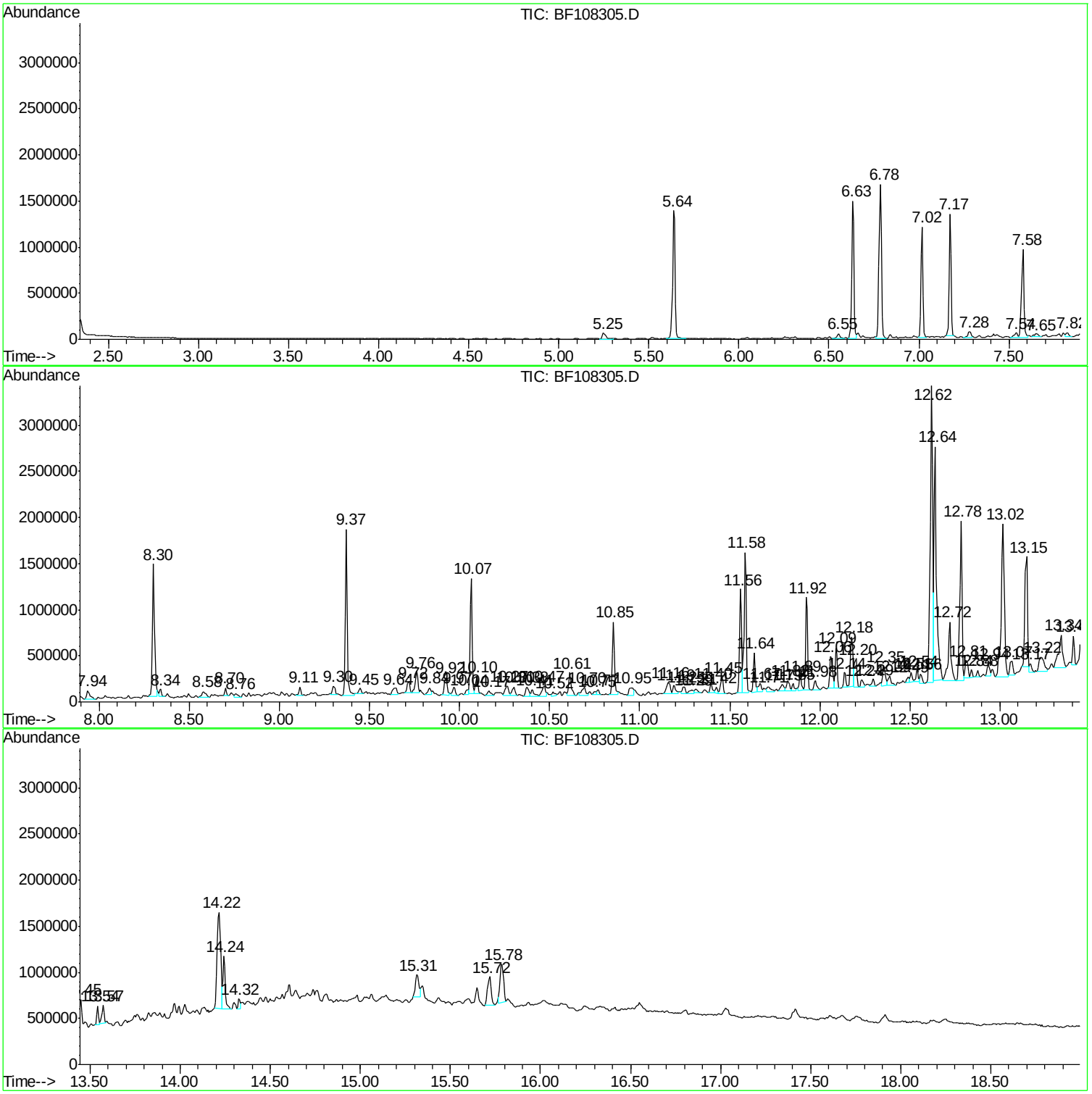
Acq On : 20 Aug 2018 22:07
Operator : JU/SJ
Sample : J4277-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-B

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\BF082018\
Data File : BF108305.D
Acq On : 20 Aug 2018 22:07
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Instrument : BNA_F
ClientSampleId : OR-03-081718-B

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

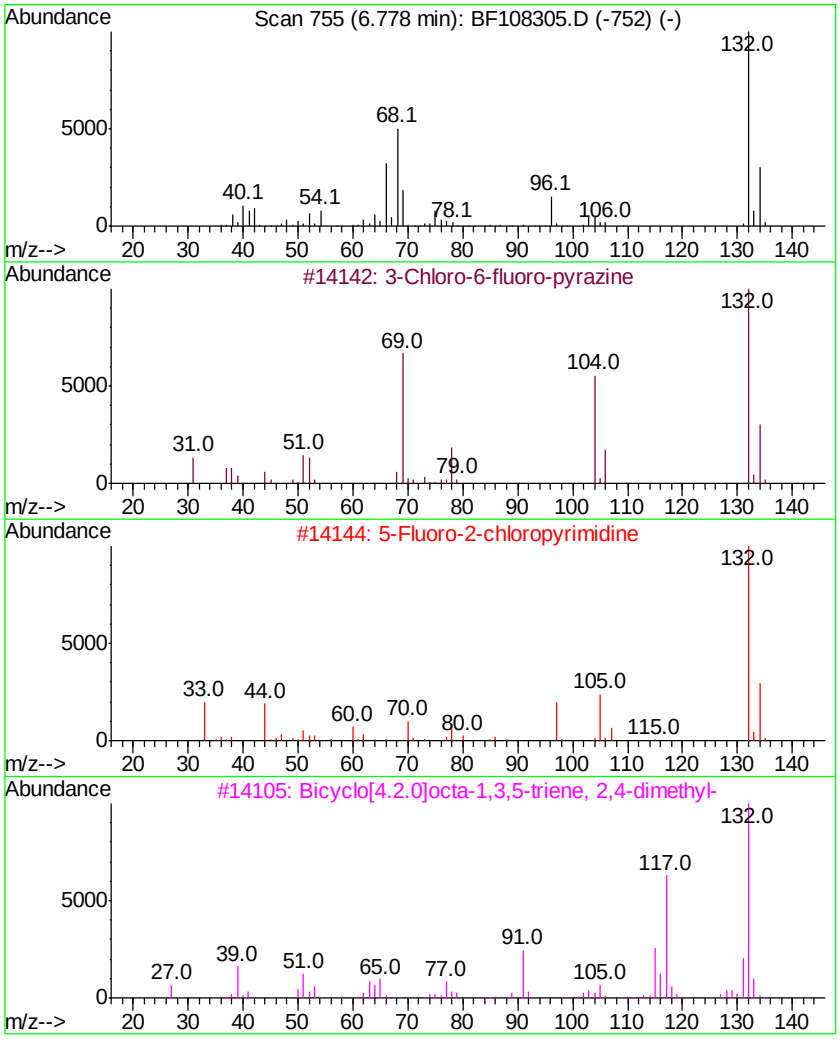
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

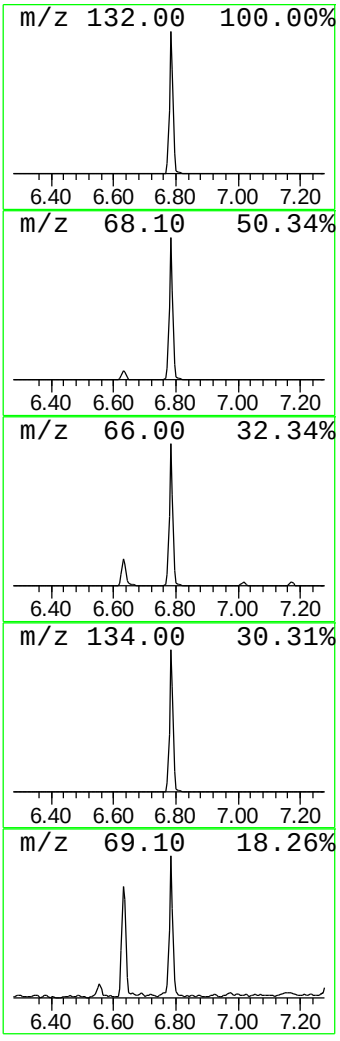
****

Peak Number 1 unknown6.78 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	28.18 ng	1423320	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	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : OR-03-081718-B

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

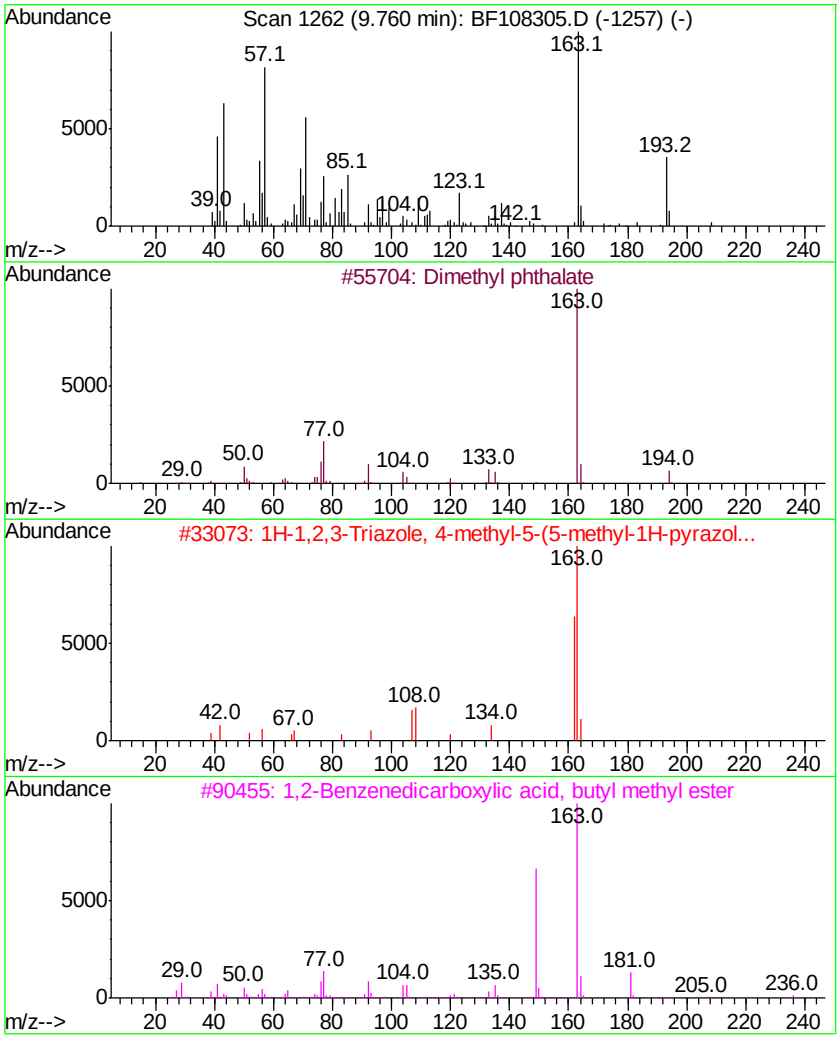
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

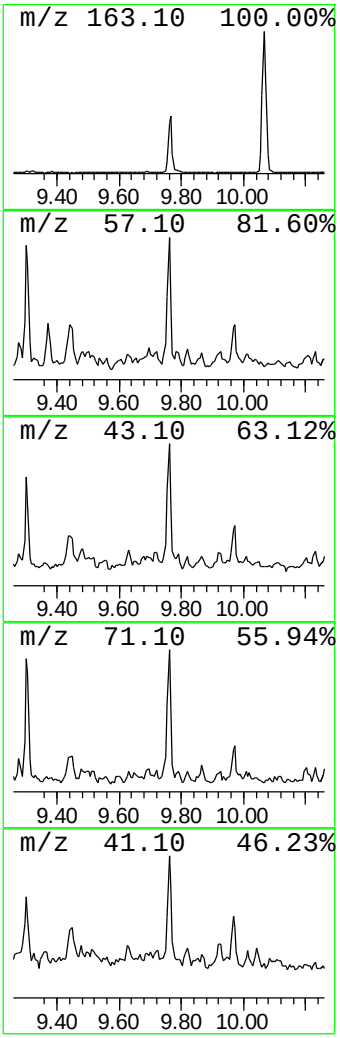
****

Peak Number 3 Dimethyl phthalate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	3.97 ng	214476	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	94
2	1H-1,2,3-Triazole, 4-methyl-5-(5...	163	C7H9N5	051719-86-9	27
3	1,2-Benzenedicarboxylic acid, bu...	236	C13H16O4	034006-76-3	27
4	Pyrido[2,3-d]pyridazine-5(6H)-th...	163	C7H5N3S	015370-85-1	27
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	18





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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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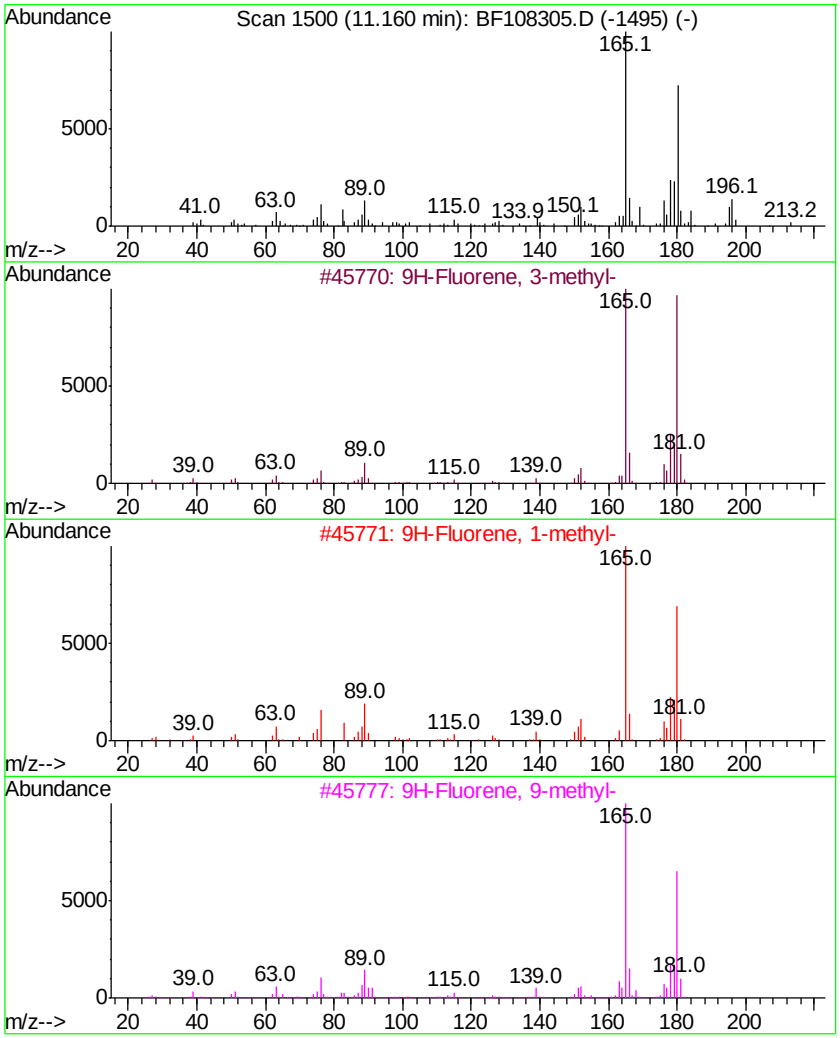
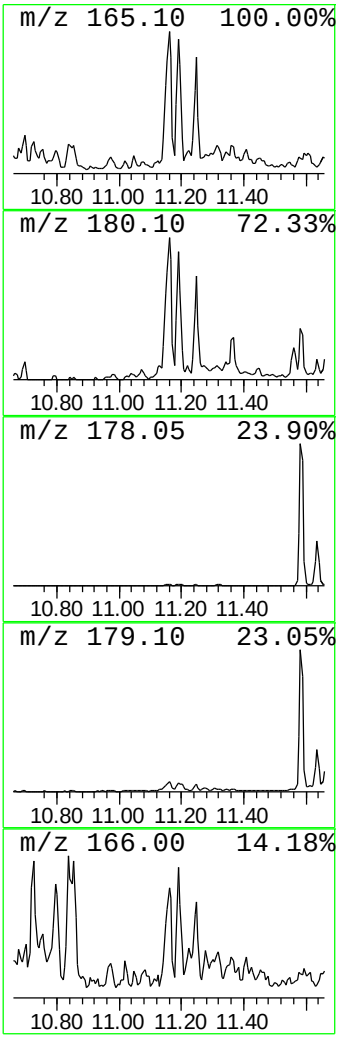
****

Peak Number 4 9H-Fluorene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	3.07 ng	157640	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	91
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	62
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	58





Library Search Compound Report

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

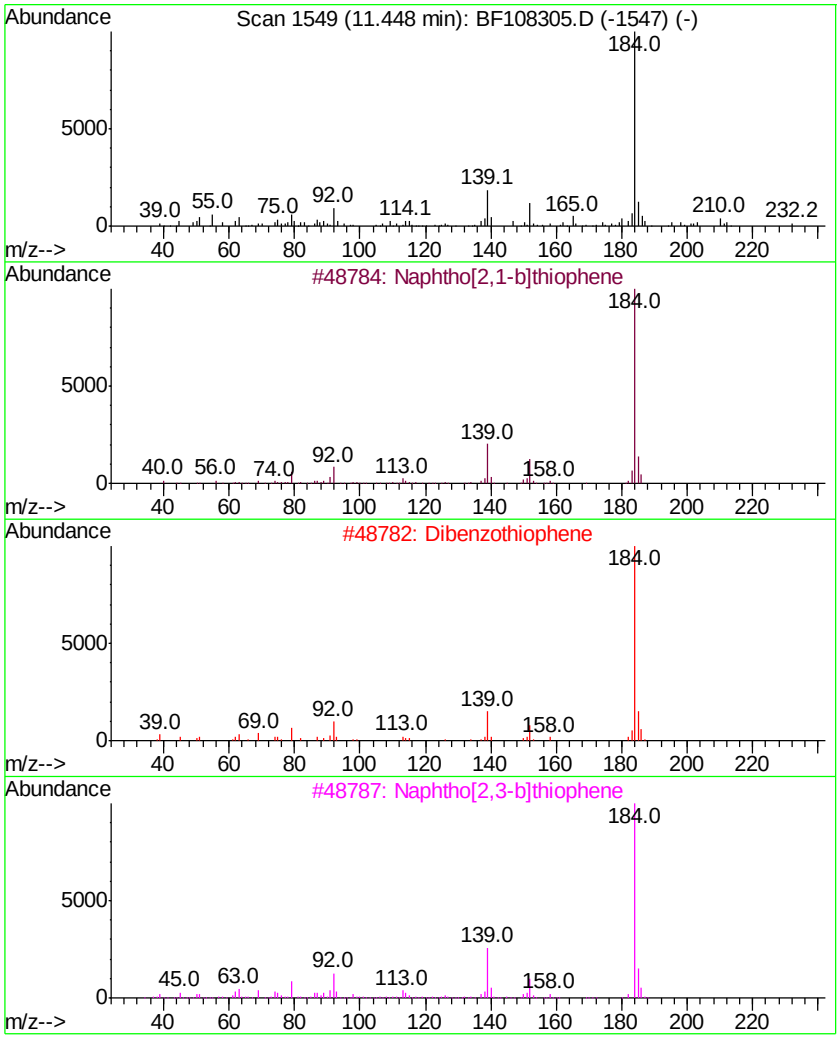
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

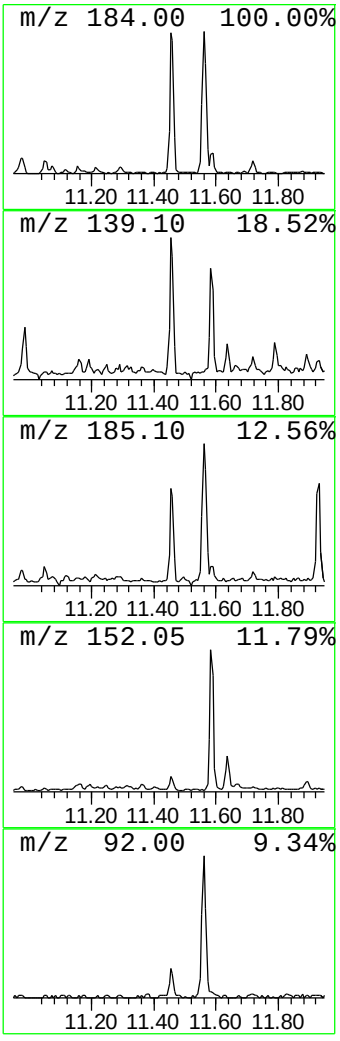
****

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	3.19 ng	163774	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Library Search Compound Report

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Data File : BF108305.D
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Operator : JU/SJ
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Instrument : BNA_F
ClientSampleId : OR-03-081718-B

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

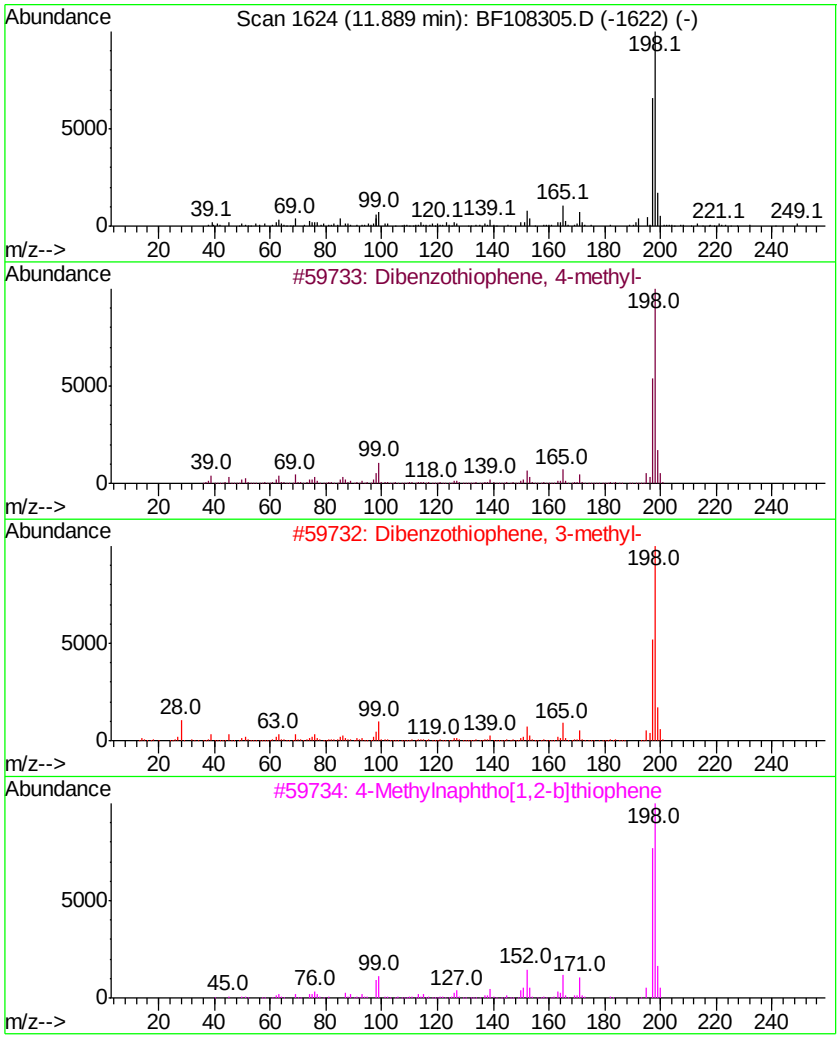
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

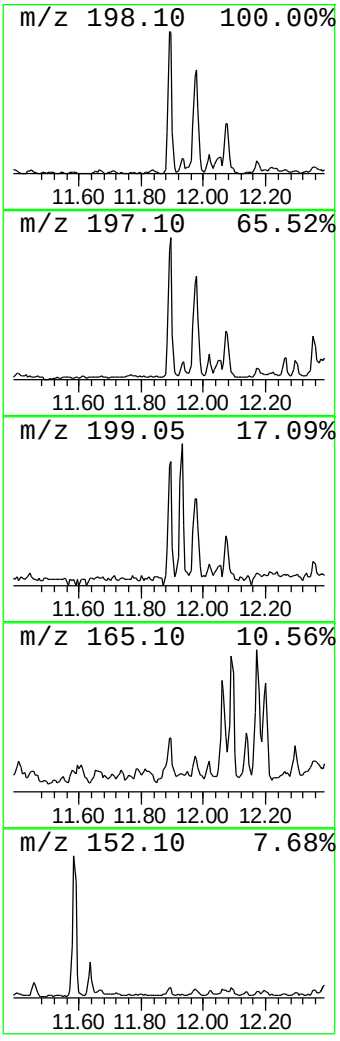
****

Peak Number 6 Dibenzothiophene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.05 ng	156386	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	91
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	90
5	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	86





Library Search Compound Report

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Data File : BF108305.D
Acq On : 20 Aug 2018 22:07
Operator : JU/SJ
Sample : J4277-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-B

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

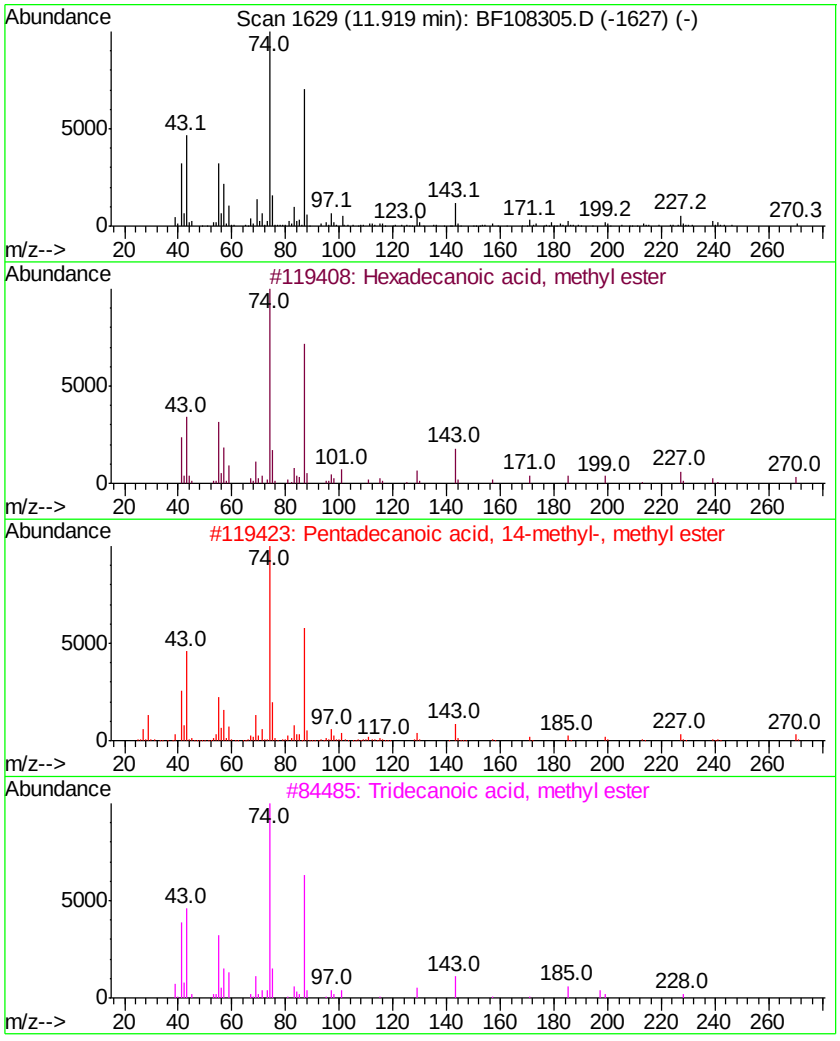
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

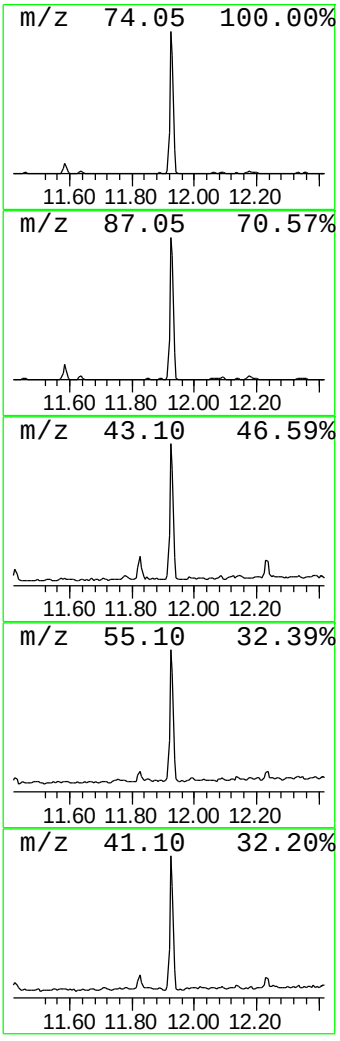
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	16.71 ng	857412	Phenanthrene-d10	11.56

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	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Acq On : 20 Aug 2018 22:07
Operator : JU/SJ
Sample : J4277-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-B

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

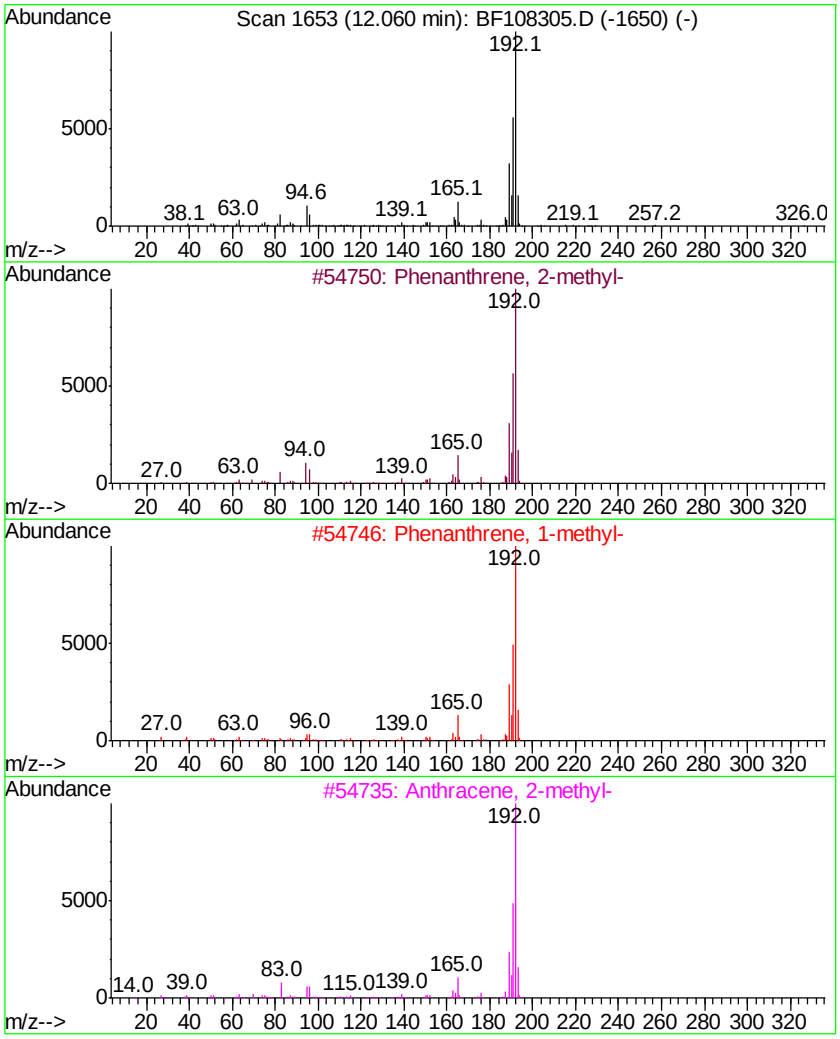
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

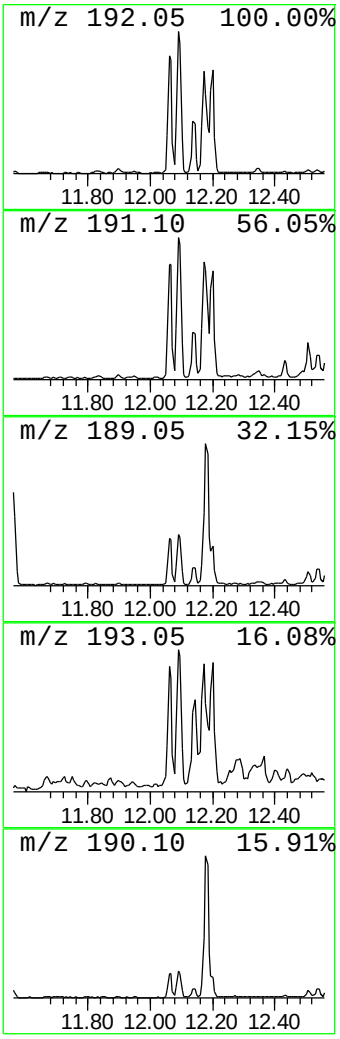
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	7.07 ng	362819	Phenanthrene-d10	11.56

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Library Search Compound Report

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Operator : JU/SJ
Sample : J4277-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-B

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

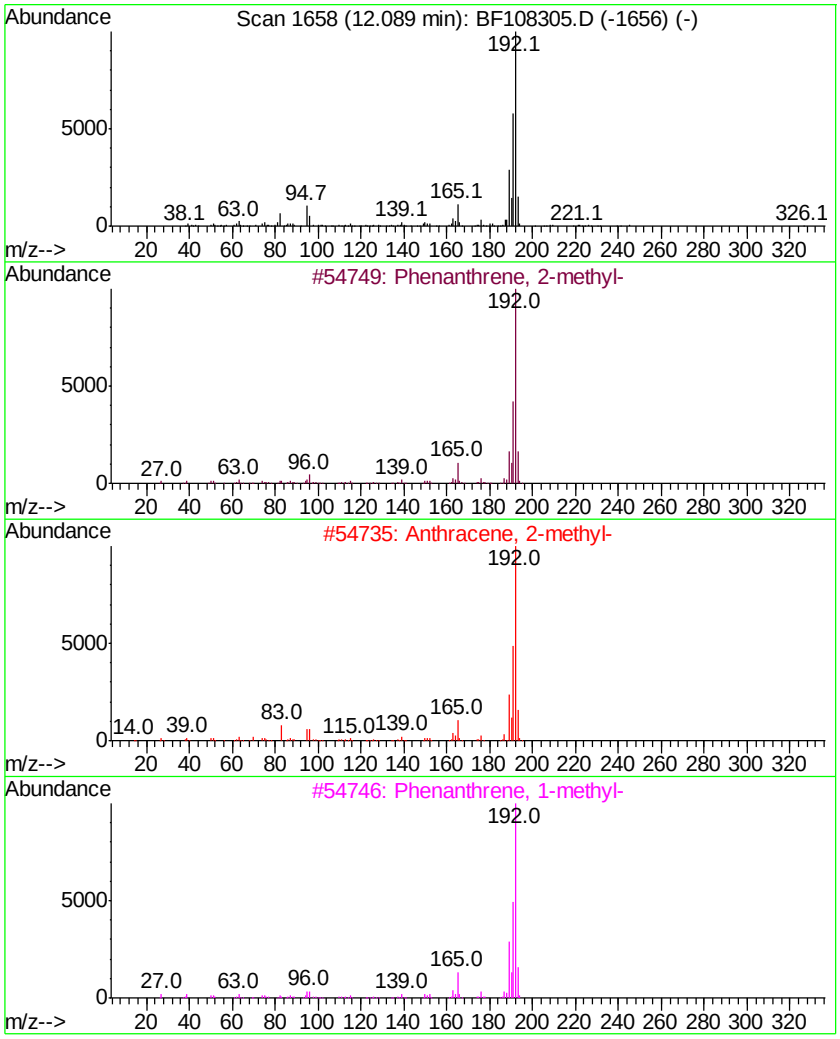
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

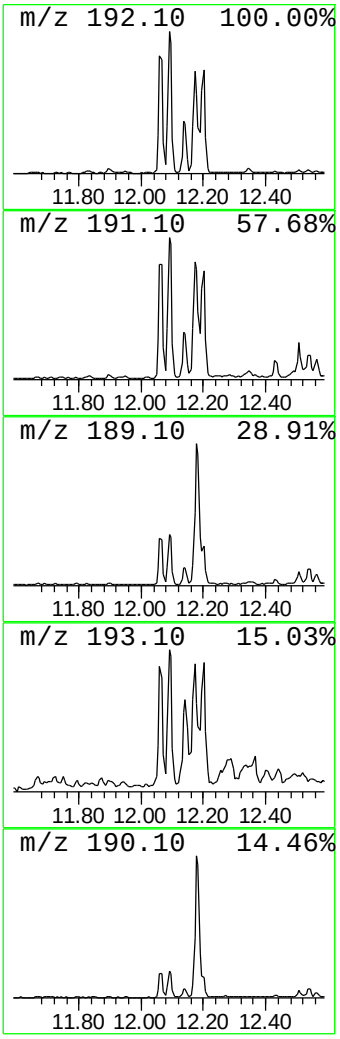
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	7.45 ng	382297	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Library Search Compound Report

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Data File : BF108305.D
Acq On : 20 Aug 2018 22:07
Operator : JU/SJ
Sample : J4277-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-B

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

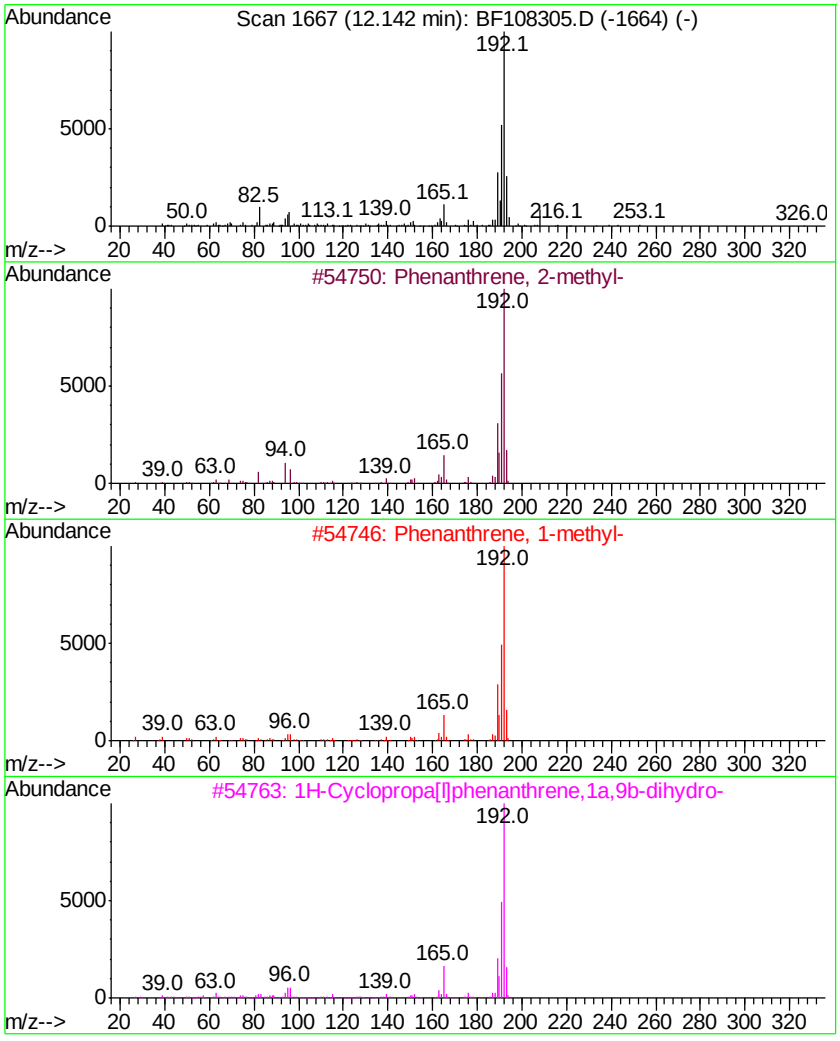
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

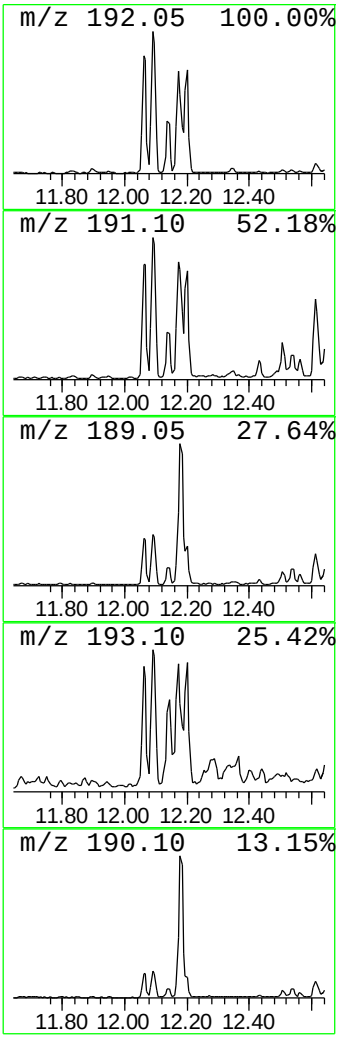
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	2.80 ng	143429	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Library Search Compound Report

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Data File : BF108305.D
Acq On : 20 Aug 2018 22:07
Operator : JU/SJ
Sample : J4277-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-B

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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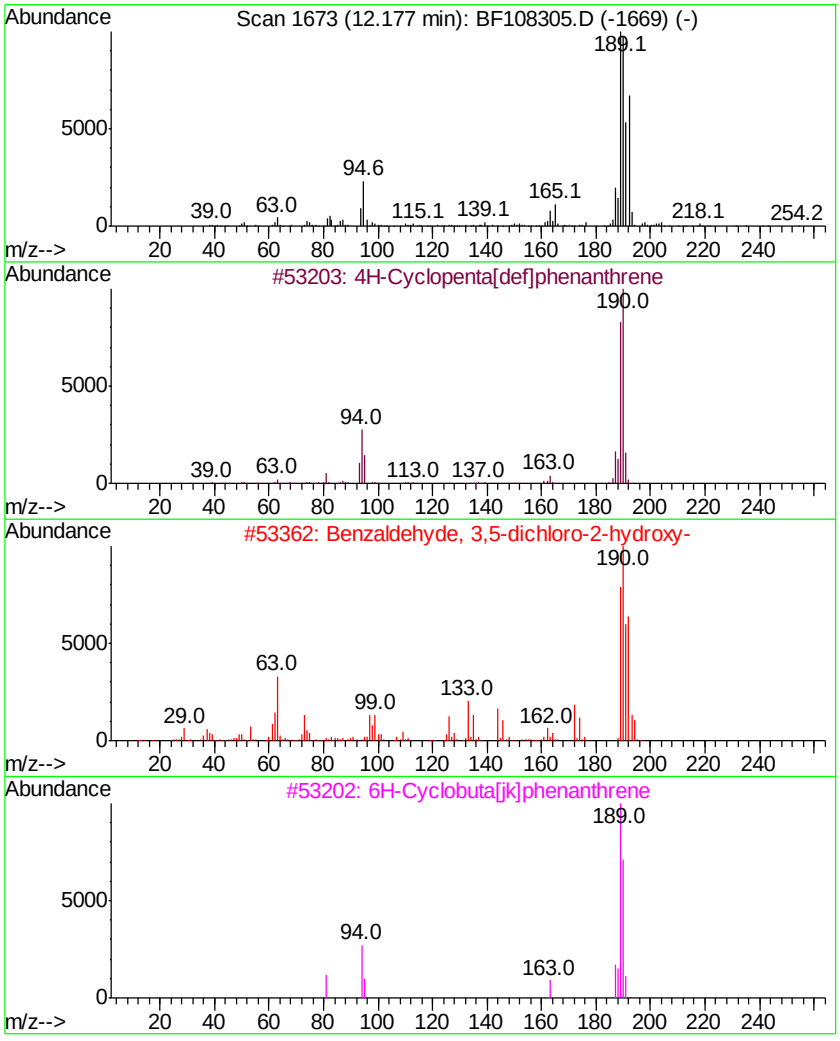
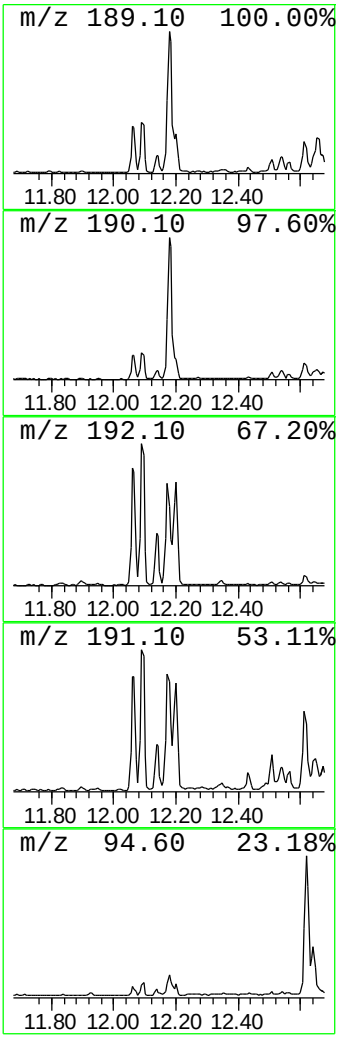
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	12.11 ng	621212	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	45
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18





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Acq On : 20 Aug 2018 22:07
Operator : JU/SJ
Sample : J4277-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

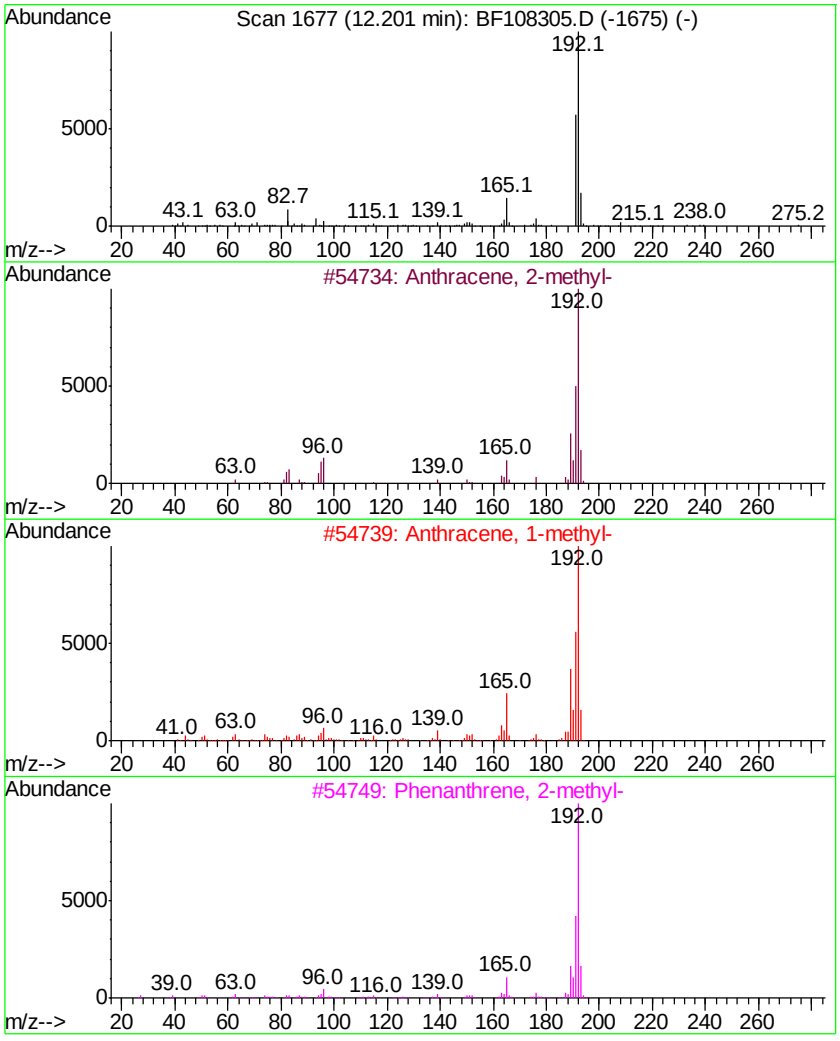
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

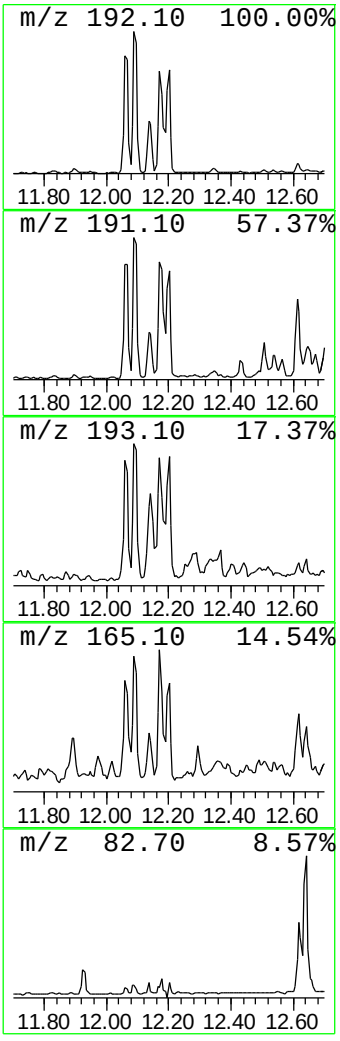
****

Peak Number 12 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	4.83 ng	248038	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	87





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Acq On : 20 Aug 2018 22:07
Operator : JU/SJ
Sample : J4277-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-B

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

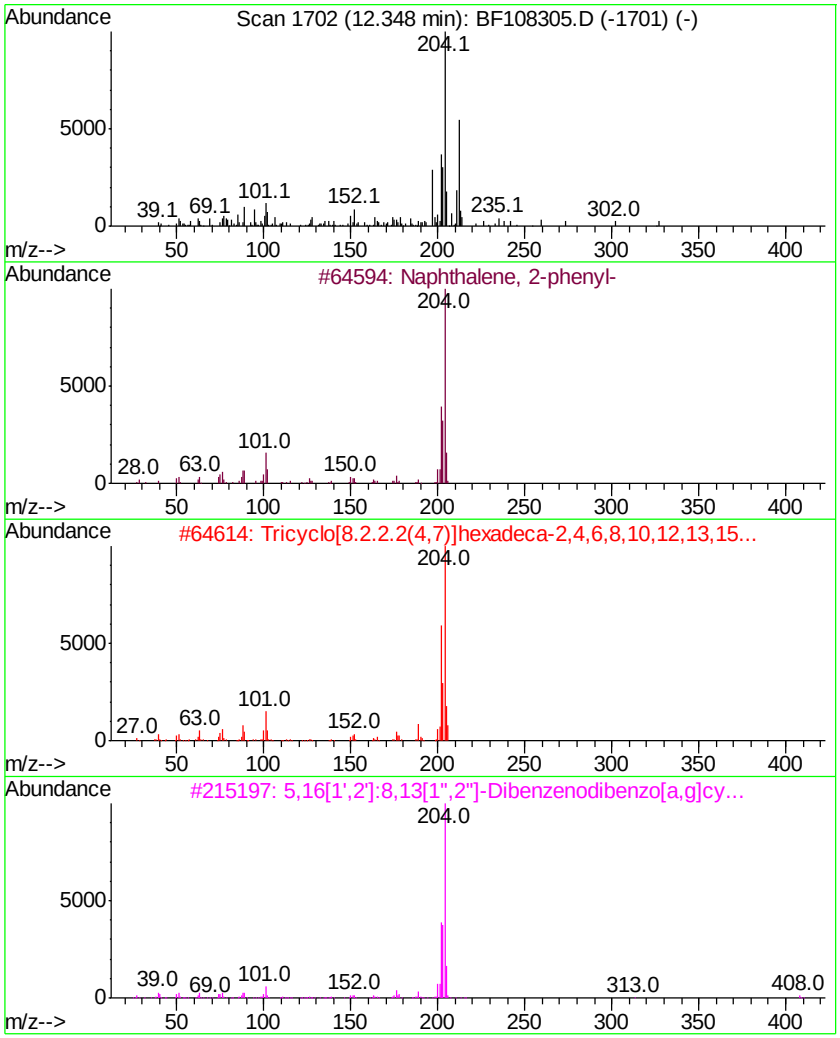
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

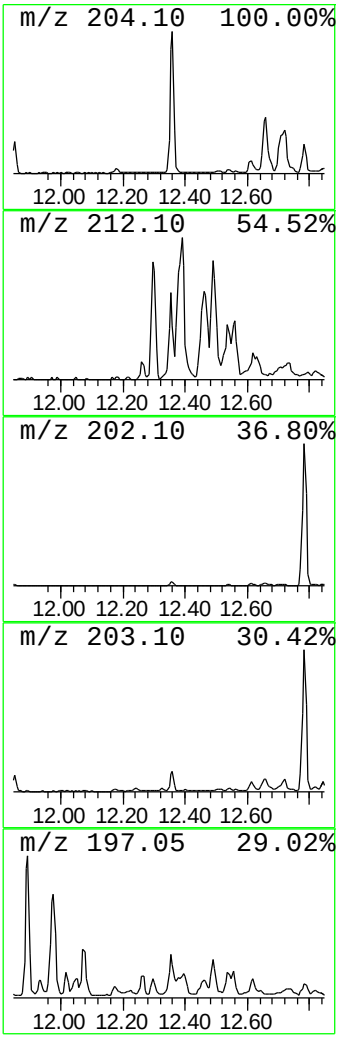
****

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	4.35 ng	223119	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	58
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	50
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50





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Sample : J4277-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-B

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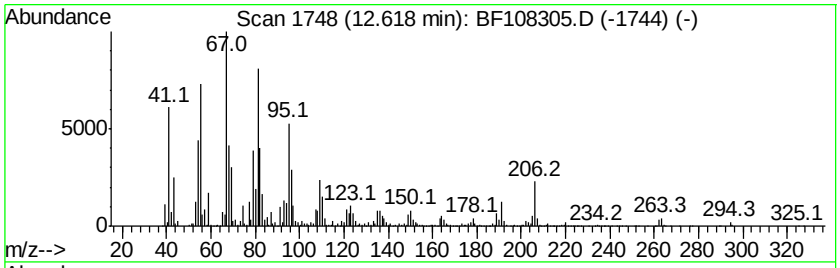
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

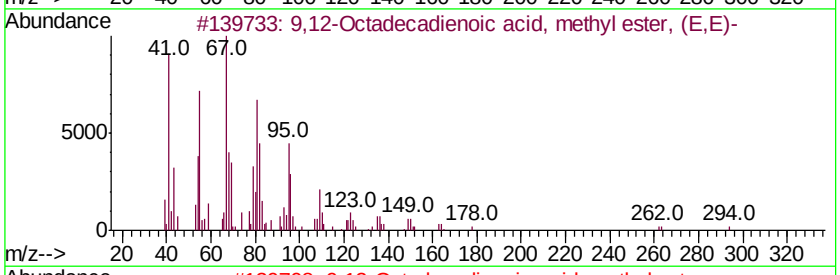
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

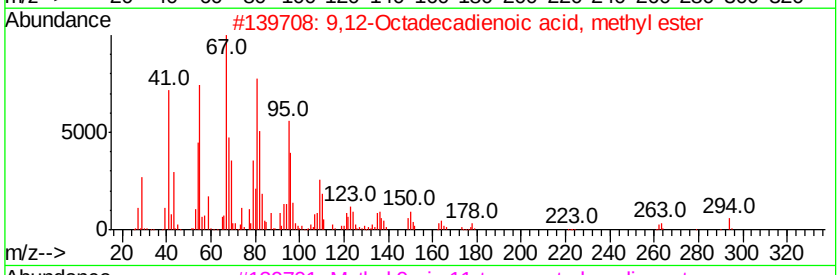
****
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

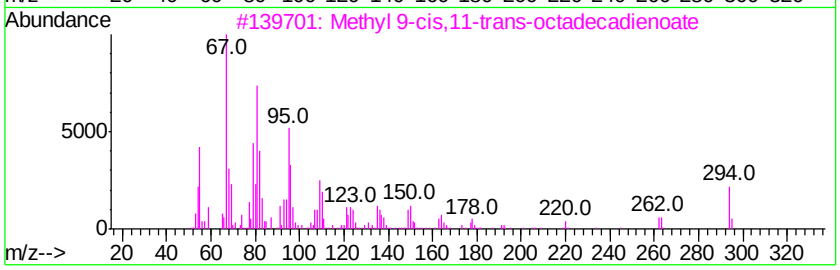
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	60.25 ng	3091750	Phenanthrene-d10	11.56

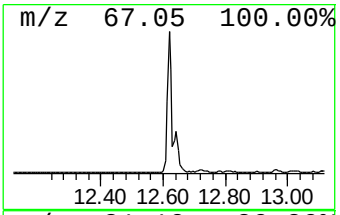
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98

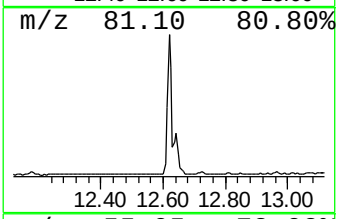


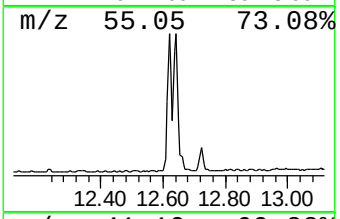


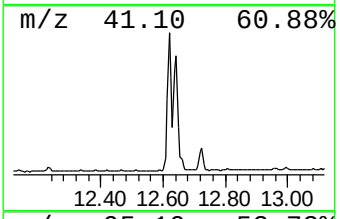


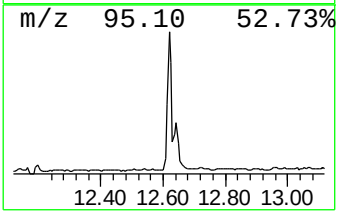












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Acq On : 20 Aug 2018 22:07
Operator : JU/SJ
Sample : J4277-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-B

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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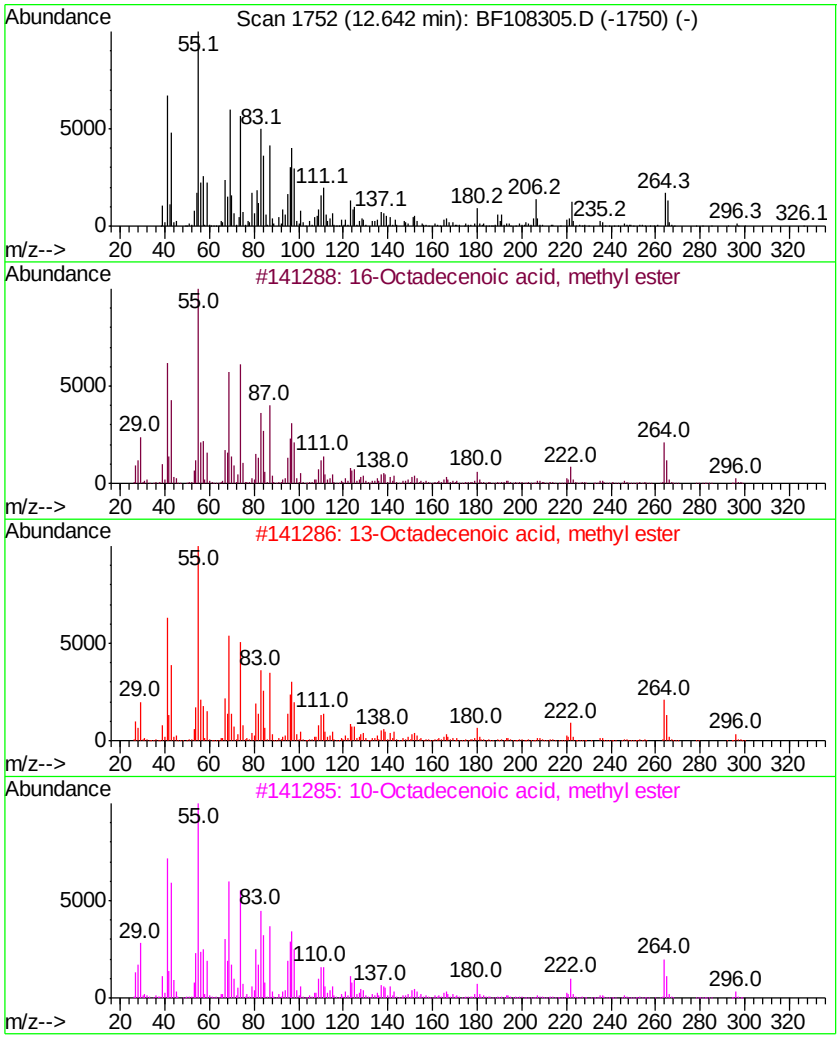
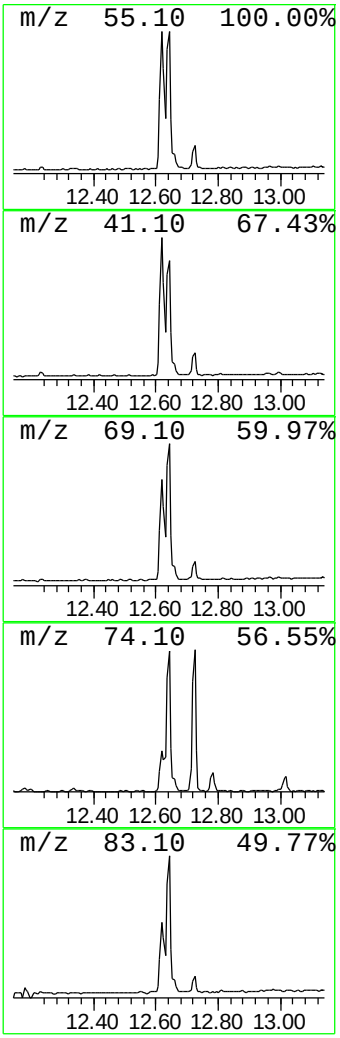
Peak Number 15 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	47.23 ng	2423740	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	95
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	93
4	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	91
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91





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Sample : J4277-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-B

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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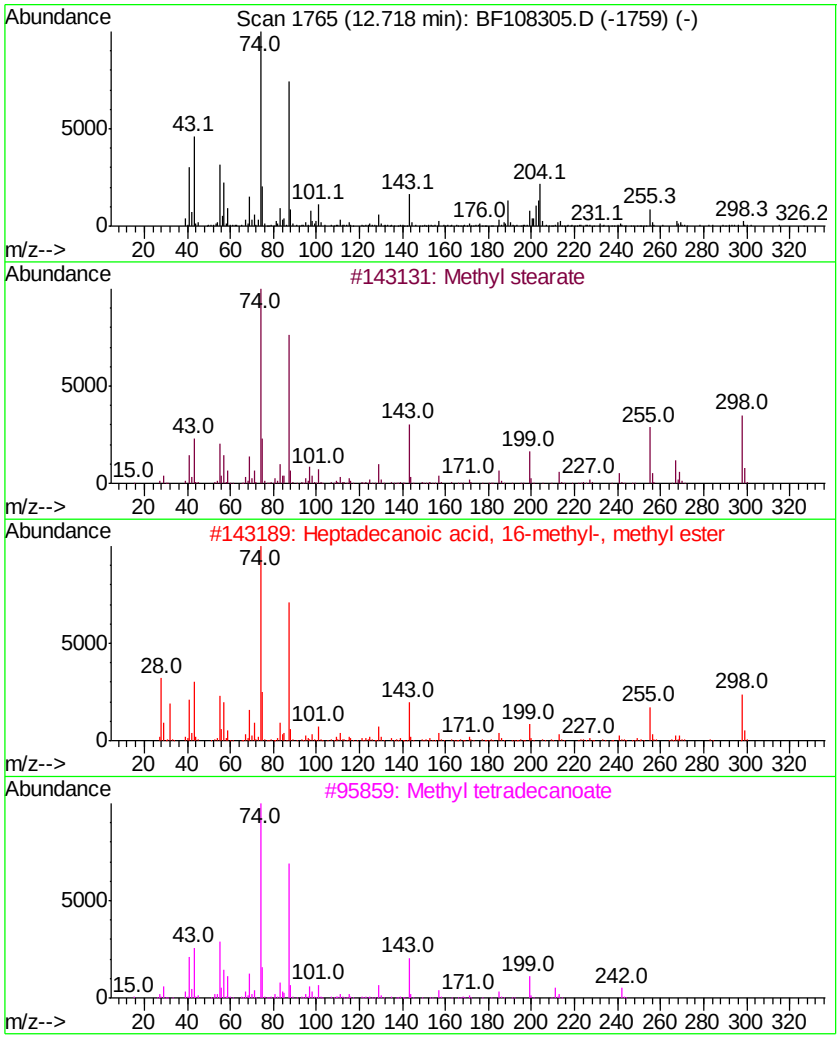
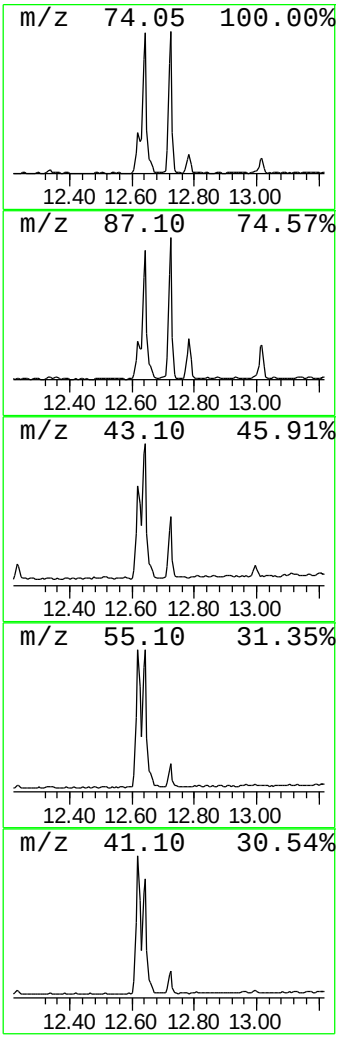
Peak Number 16 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	14.24 ng	730501	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	92
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	81
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108305.D
Acq On : 20 Aug 2018 22:07
Operator : JU/SJ
Sample : J4277-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-B

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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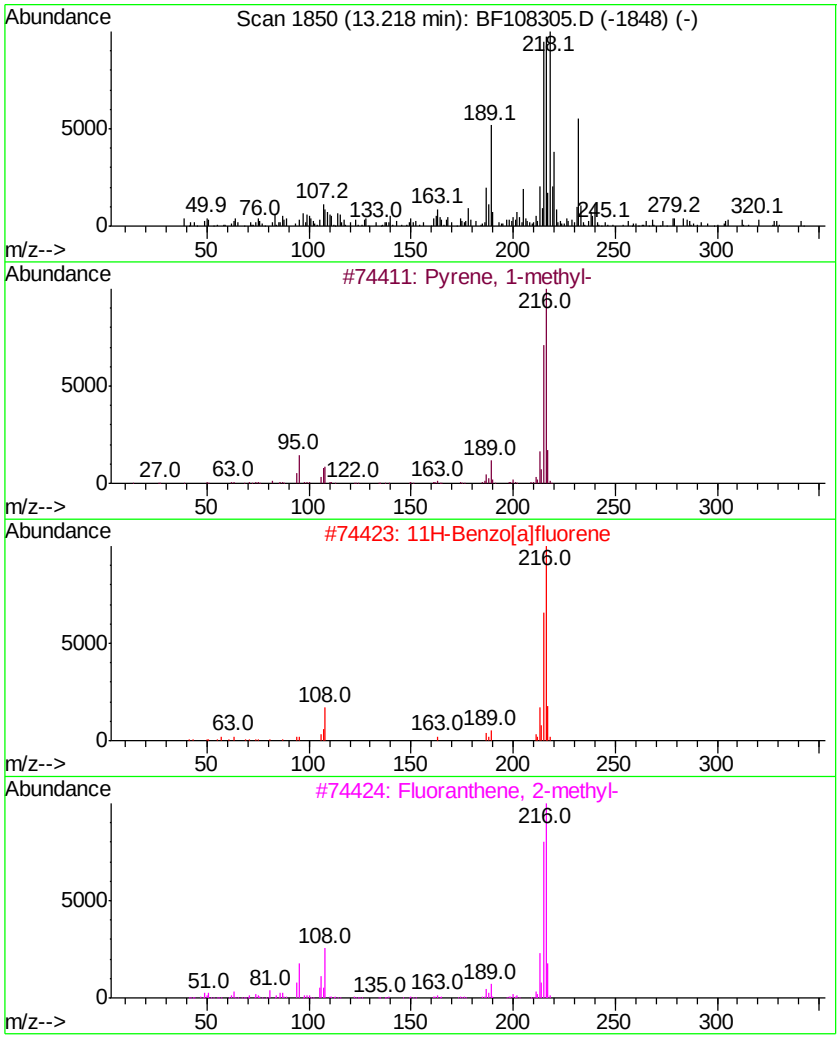
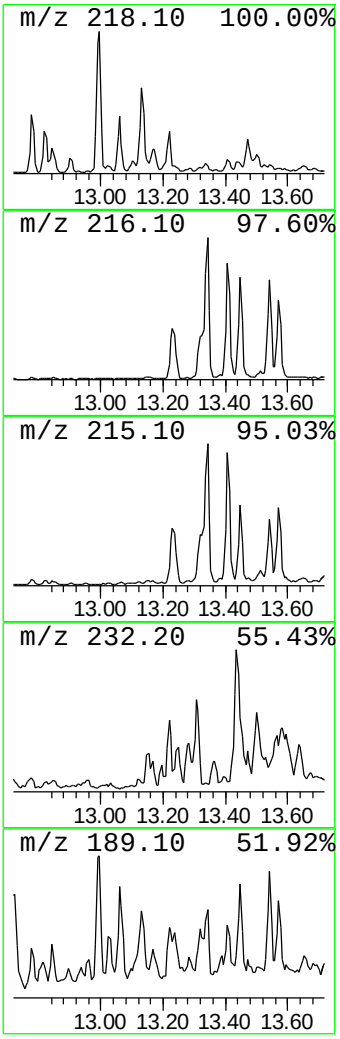
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	4.20 ng	296304	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	68
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108305.D
Acq On : 20 Aug 2018 22:07
Operator : JU/SJ
Sample : J4277-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-B

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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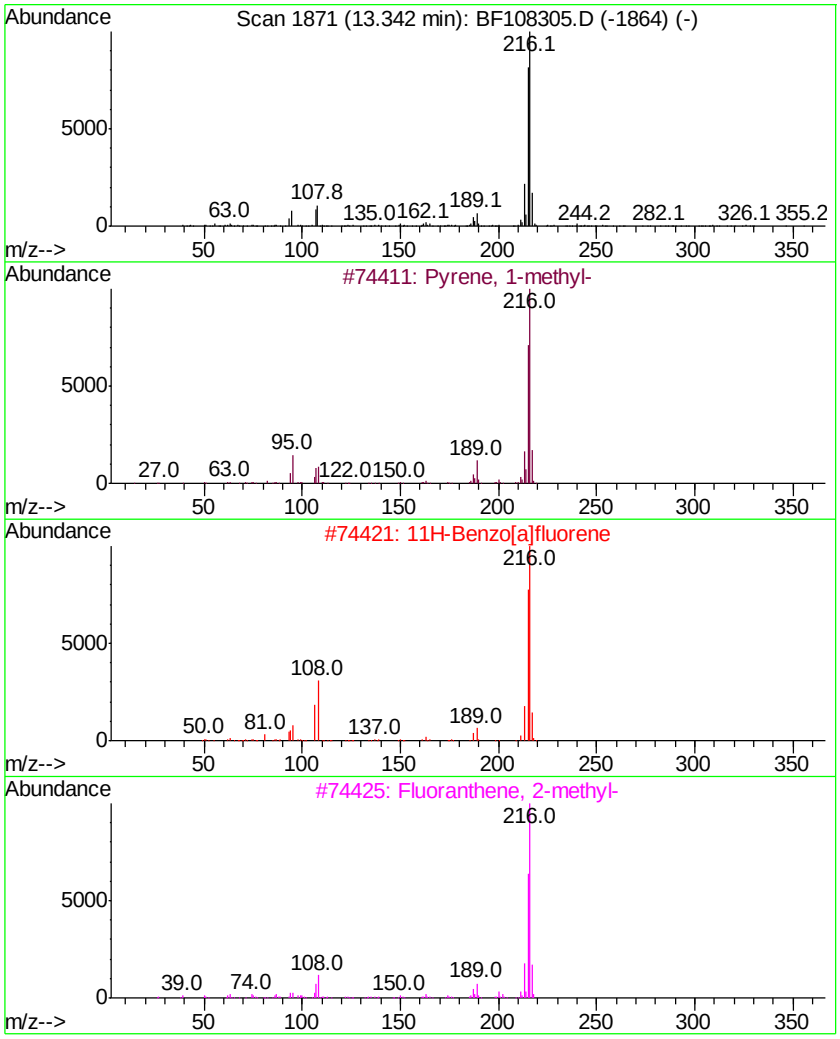
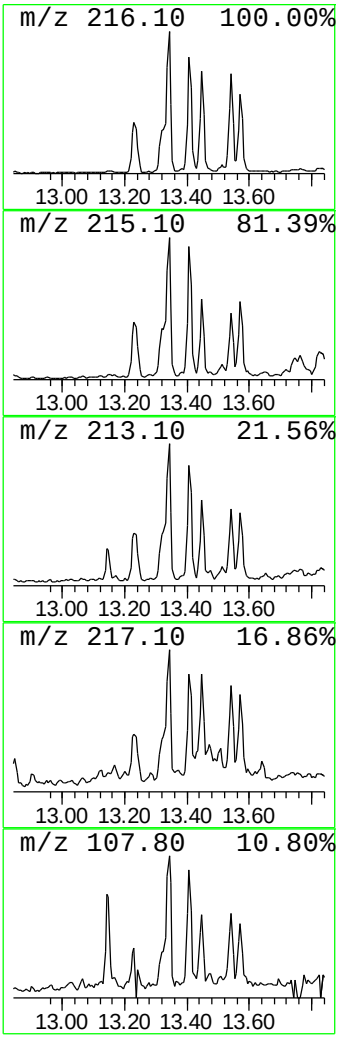
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	7.61 ng	537673	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108305.D
Acq On : 20 Aug 2018 22:07
Operator : JU/SJ
Sample : J4277-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-B

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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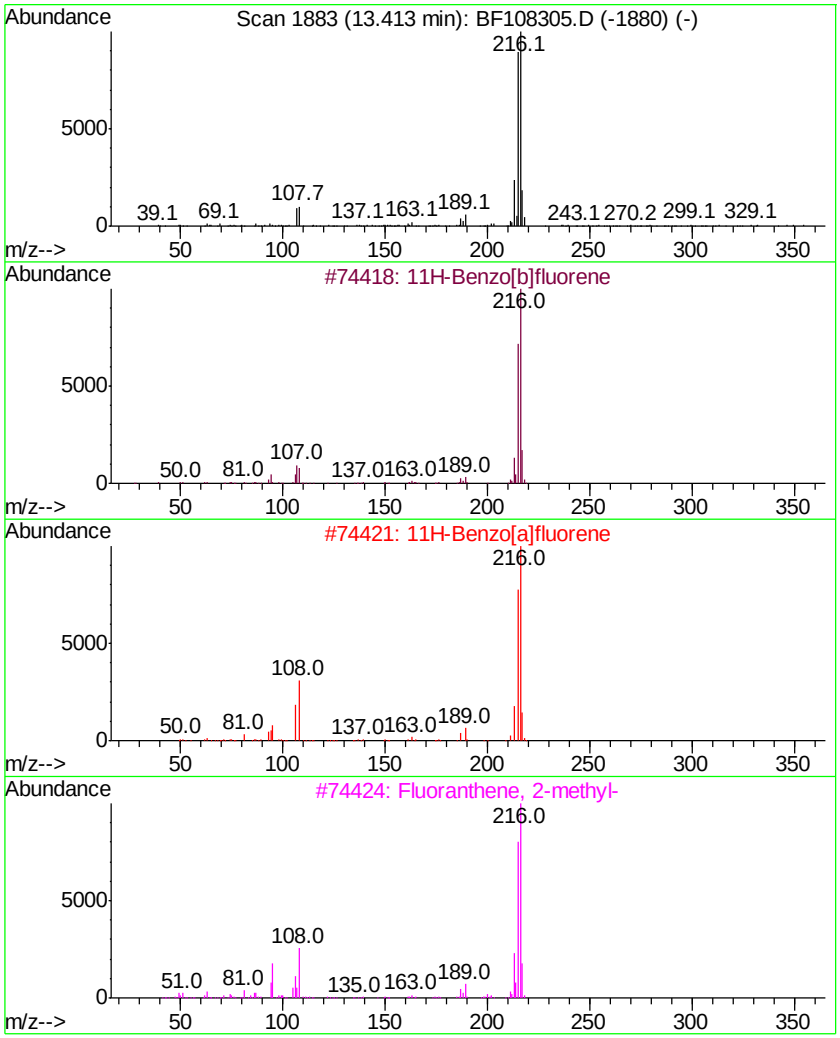
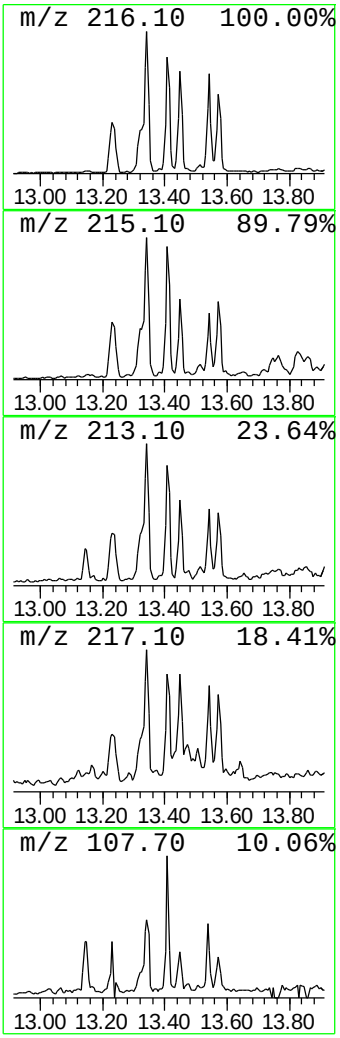
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	3.28 ng	231649	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108305.D
Acq On : 20 Aug 2018 22:07
Operator : JU/SJ
Sample : J4277-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-B

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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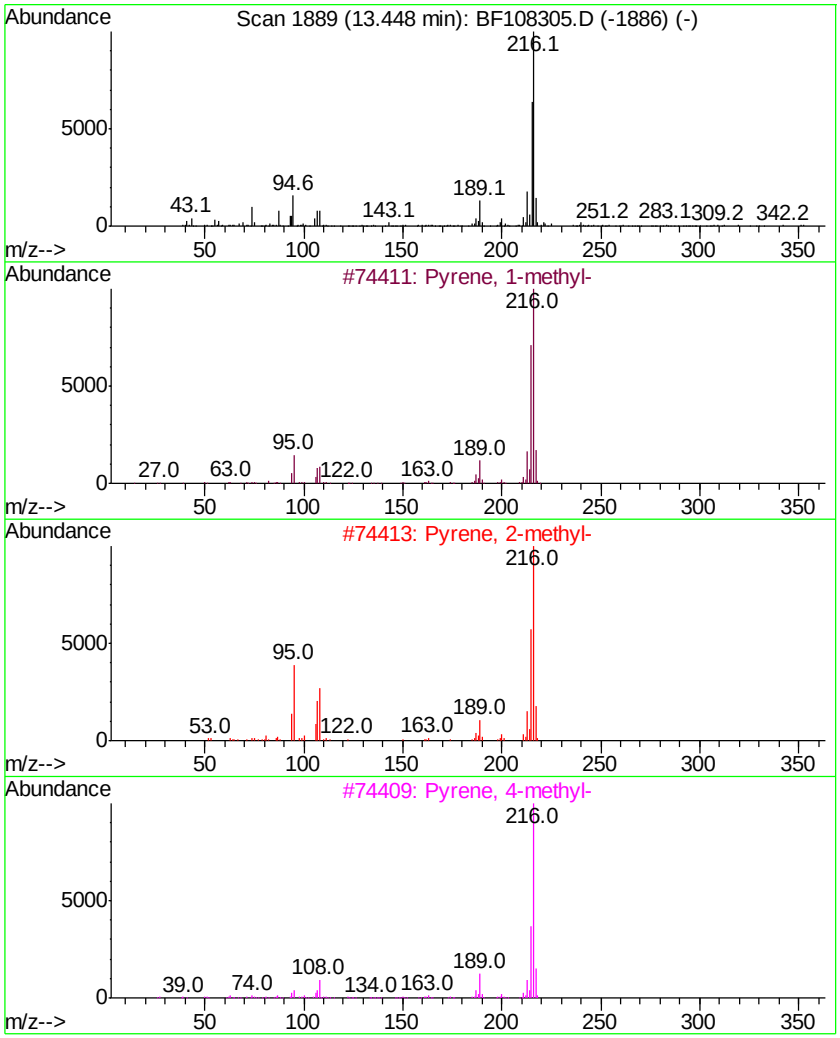
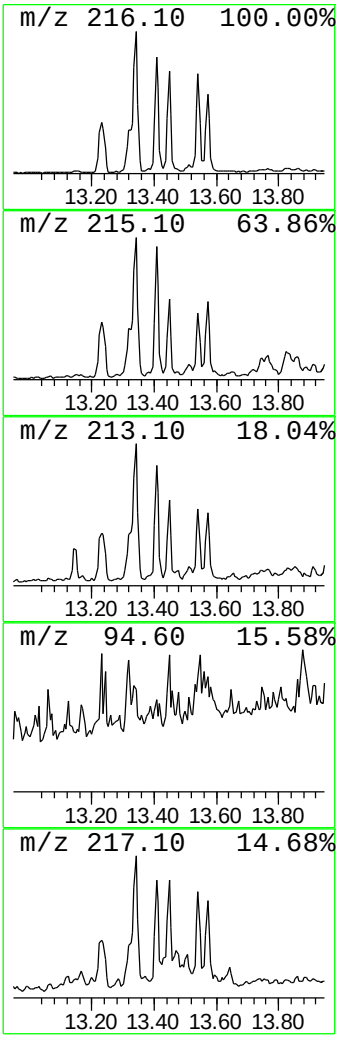
Peak Number 20 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	3.24 ng	228534	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\
Data File : BF108305.D
Acq On : 20 Aug 2018 22:07
Operator : JU/SJ
Sample : J4277-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-B

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.78	6.78	28.2	ng	1423320	1	7.02	1010040	20.0
Dimethyl phthalate	9.76	4.0	ng	214476	3	10.07	1080800	20.0
9H-Fluorene, 3-me...	11.16	3.1	ng	157640	4	11.56	1026250	20.0
Naphtho[2,1-b]thi...	11.45	3.2	ng	163774	4	11.56	1026250	20.0
Dibenzothiophene,...	11.89	3.0	ng	156386	4	11.56	1026250	20.0
Hexadecanoic acid...	11.92	16.7	ng	857412	4	11.56	1026250	20.0
Phenanthrene, 2-m...	12.06	7.1	ng	362819	4	11.56	1026250	20.0
Anthracene, 2-met...	12.09	7.5	ng	382297	4	11.56	1026250	20.0
Phenanthrene, 1-m...	12.14	2.8	ng	143429	4	11.56	1026250	20.0
4H-Cyclopenta[def...	12.18	12.1	ng	621212	4	11.56	1026250	20.0
Anthracene, 1-met...	12.20	4.8	ng	248038	4	11.56	1026250	20.0
Naphthalene, 2-ph...	12.35	4.3	ng	223119	4	11.56	1026250	20.0
9,12-Octadecadien...	12.62	60.3	ng	3091750	4	11.56	1026250	20.0
16-Octadecenoic a...	12.64	47.2	ng	2423740	4	11.56	1026250	20.0
Methyl stearate	12.72	14.2	ng	730501	4	11.56	1026250	20.0
Pyrene, 1-methyl-	13.22	4.2	ng	296304	5	14.22	1412400	20.0
11H-Benzo[a]fluorene	13.34	7.6	ng	537673	5	14.22	1412400	20.0
11H-Benzo[b]fluorene	13.41	3.3	ng	231649	5	14.22	1412400	20.0
Pyrene, 2-methyl-	13.45	3.2	ng	228534	5	14.22	1412400	20.0