LSC Area Percent Report

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115326.D
Acq On : 29 Jun 2019 16:40
Operator : HP/JU
Sample : K3160-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-062819-C

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-BF062119.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	4.413	415	421	428	rVB	43889	57368	1.58%	0.106%
2	4.754	475	479	485	rVB2	62978	72213	1.98%	0.133%
3	5.184	548	552	563	rVB	1969846	1800589	49.46%	3.327%
4	5.854	663	666	673	rVB4	38955	59279	1.63%	0.110%
5	6.131	711	713	719	rVB2	64756	67827	1.86%	0.125%
6	6.231	727	730	734	rBV	1957244	1872735	51.45%	3.460%
7	6.366	749	753	756	rBV	2277369	2034207	55.88%	3.759%
8	6.601	789	793	796	rBV	1729234	1456956	40.02%	2.692%
9	6.754	815	819	822	rBV	2111736	1653184	45.42%	3.055%
10	6.878	838	840	847	rVB5	47394	56625	1.56%	0.105%
11	7.154	880	887	892	rBV	1314060	1243754	34.17%	2.298%
12	7.401	927	929	935	rVB4	43264	61644	1.69%	0.114%
13	7.525	945	950	957	rBV7	34964	50254	1.38%	0.093%
14	7.884	1007	1011	1014	rBV	2218283	2006640	55.12%	3.708%
15	7.936	1017	1020	1023	rVB4	37028	47208	1.30%	0.087%
16	8.325	1083	1086	1090	rBV2	62245	81969	2.25%	0.151%
17	8.495	1112	1115	1118	rBV4	54689	66309	1.82%	0.123%
18	8.589	1127	1131	1135	rVB2	66557	85293	2.34%	0.158%
19	8.925	1185	1188	1190	rVB	82987	64666	1.78%	0.119%
20	8.954	1190	1193	1197	rBV	2917021	2515981	69.12%	4.649%
21	9.036	1204	1207	1209	rBV3	56197	64989	1.79%	0.120%
22	9.107	1216	1219	1222	rBV3	39312	48344	1.33%	0.089%
23	9.213	1234	1237	1241	rBV2	68152	99232	2.73%	0.183%
24	9.289	1248	1250	1252	rBV	94452	76688	2.11%	0.142%
25	9.313	1252	1254	1257	rVB	75582	57711	1.59%	0.107%
26	9.348	1257	1260	1263	rBV	507172	469201	12.89%	0.867%
27	9.378	1263	1265	1267	rVV	111511	84843	2.33%	0.157%
28	9.401	1267	1269	1277	rVB5	77742	123641	3.40%	0.228%
29	9.483	1281	1283	1288	rBV	301185	276464	7.59%	0.511%
30	9.548	1292	1294	1297	rVB3	73443	64068	1.76%	0.118%
31	9.583	1297	1300	1302	rBV	85395	63180	1.74%	0.117%
32	9.625	1303	1307	1311	rBV	2534454	2441745	67.08%	4.512%
33	9.654	1311	1312	1317	rVB2	77882	64092	1.76%	0.118%
34	9.736	1323	1326	1330	rBV2	55389	73799	2.03%	0.136%

LSC Area Percent Report

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115326.D
Acq On : 29 Jun 2019 16:40
Operator : HP/JU
Sample : K3160-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-062819-C

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.830	1338	1342	1346	rVB2	100411	136918	3.76%	0.253%
36	9.872	1346	1349	1351	rVB	115959	86437	2.37%	0.160%
37	9.901	1351	1354	1358	rVB2	92067	100541	2.76%	0.186%
38	9.942	1358	1361	1364	rBV3	106873	134552	3.70%	0.249%
39	9.972	1364	1366	1368	rVB	86219	63490	1.74%	0.117%
40	10.036	1373	1377	1378	rBV4	64849	72124	1.98%	0.133%
41	10.078	1382	1384	1388	rBV2	111088	90984	2.50%	0.168%
42	10.136	1389	1394	1396	rBV3	49439	74186	2.04%	0.137%
43	10.166	1396	1399	1402	rBV3	101088	109150	3.00%	0.202%
44	10.236	1408	1411	1413	rVB	71429	50830	1.40%	0.094%
45	10.301	1418	1422	1424	rBV2	129457	124262	3.41%	0.230%
46	10.407	1436	1440	1445	rVB	1973509	1642258	45.11%	3.035%
47	10.566	1460	1467	1470	rVB2	252446	345269	9.48%	0.638%
48	10.613	1473	1475	1477	rBV	74886	60808	1.67%	0.112%
49	10.713	1489	1492	1495	rBV4	63704	79629	2.19%	0.147%
50	10.742	1495	1497	1500	rBV2	111443	99003	2.72%	0.183%
51	10.848	1510	1515	1516	rBV3	88821	111891	3.07%	0.207%
52	10.866	1516	1518	1523	rVB4	86113	104732	2.88%	0.194%
53	10.960	1531	1534	1538	rBV5	56036	88711	2.44%	0.164%
54	10.995	1538	1540	1543	rVV	179931	146916	4.04%	0.271%
55	11.030	1543	1546	1552	rVB	168642	172313	4.73%	0.318%
56	11.101	1554	1558	1560	rBV	3042340	2603387	71.52%	4.810%
57	11.125	1560	1562	1565	rVB	1072855	810616	22.27%	1.498%
58	11.172	1567	1570	1573	rVB	368208	283815	7.80%	0.524%
59	11.213	1575	1577	1580	rVV2	69165	60400	1.66%	0.112%
60	11.307	1591	1593	1595	rBV3	49448	43301	1.19%	0.080%
61	11.330	1595	1597	1600	rVV3	66144	71190	1.96%	0.132%
62	11.425	1610	1613	1617	rVB2	214345	217312	5.97%	0.402%
63	11.519	1626	1629	1632	rVB2	508997	416590	11.44%	0.770%
64	11.601	1640	1643	1645	rBV	370443	299312	8.22%	0.553%
65	11.624	1645	1647	1649	rVV	449534	377123	10.36%	0.697%
66	11.648	1649	1651	1654	rVV	522848	515355	14.16%	0.952%
67	11.707	1658	1661	1664	rVV	653799	666446	18.31%	1.231%
68	11.730	1664	1665	1668	rVB	308325	203709	5.60%	0.376%
69	11.830	1679	1682	1685	rBV2	225045	194451	5.34%	0.359%
70	11.895	1690	1693	1694	rVV	219151	193038	5.30%	0.357%
71	11.913	1694	1696	1701	rVB3	181651	233457	6.41%	0.431%

LSC Area Percent Report

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115326.D
Acq On : 29 Jun 2019 16:40
Operator : HP/JU
Sample : K3160-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-062819-C

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.024	1712	1715	1716	rBV	129482	104534	2.87%	0.193%
73	12.042	1716	1718	1721	rVB	152162	136461	3.75%	0.252%
74	12.072	1721	1723	1725	rBV2	183971	171793	4.72%	0.317%
75	12.095	1725	1727	1731	rVB2	146322	123641	3.40%	0.228%
76	12.148	1733	1736	1739	rBV	495808	487806	13.40%	0.901%
77	12.201	1739	1745	1746	rVV2	1352383	1361925	37.41%	2.517%
78	12.224	1746	1749	1755	rVB2	1741729	1894830	52.05%	3.501%
79	12.307	1759	1763	1766	rBV	3181814	2651198	72.83%	4.899%
80	12.354	1769	1771	1776	rBV4	253488	340680	9.36%	0.629%
81	12.395	1776	1778	1781	rVB	131683	87352	2.40%	0.161%
82	12.430	1782	1784	1789	rBV4	306326	440936	12.11%	0.815%
83	12.530	1796	1801	1804	rBV	2884482	2974199	81.70%	5.496%
84	12.554	1804	1805	1808	rVB2	125882	103767	2.85%	0.192%
85	12.595	1808	1812	1815	rVB3	243510	400207	10.99%	0.739%
86	12.654	1819	1822	1823	rBV	206623	196470	5.40%	0.363%
87	12.683	1823	1827	1830	rBV	3172494	2686732	73.81%	4.964%
88	12.754	1836	1839	1842	rBV	273868	311357	8.55%	0.575%
89	12.860	1855	1857	1860	rVB	525718	451235	12.40%	0.834%
90	12.924	1866	1868	1870	rBV	256727	257193	7.07%	0.475%
91	12.960	1872	1874	1876	rBV	403336	317142	8.71%	0.586%
92	13.054	1887	1890	1892	rBV	343287	306857	8.43%	0.567%
93	13.083	1893	1895	1898	rVV	303748	243743	6.70%	0.450%
94	13.724	1999	2004	2007	rBV2	2467741	3640168	100.00%	6.726%
95	13.748	2007	2008	2011	rVB	1292268	853452	23.45%	1.577%
96	14.230	2088	2090	2092	rBV2	489327	477146	13.11%	0.882%
97	14.724	2171	2174	2183	rVB	919125	1826661	50.18%	3.375%
98	15.101	2235	2238	2240	rVB	875410	824686	22.66%	1.524%

Sum of corrected areas: 54119375

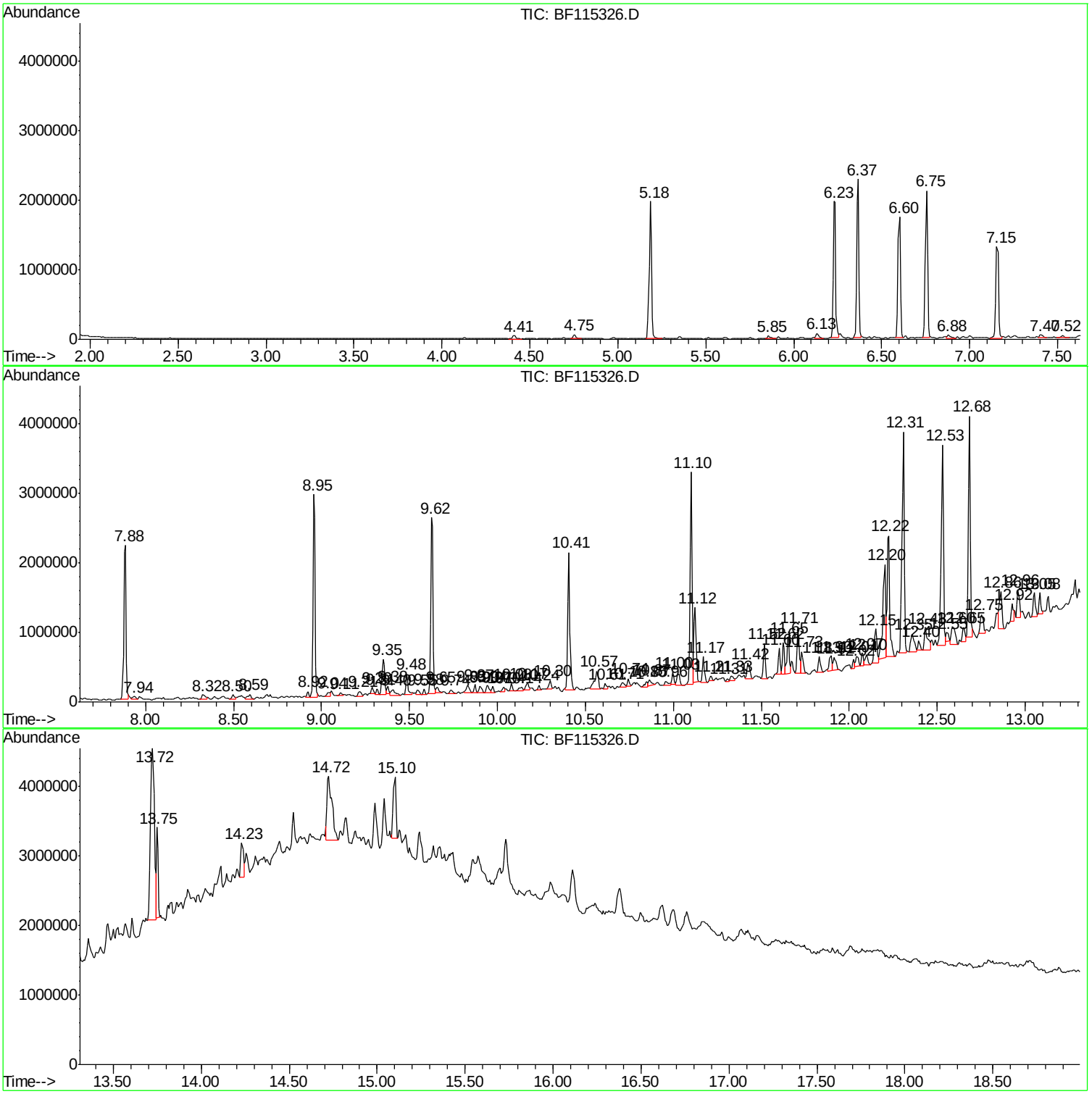
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115326.D
Acq On : 29 Jun 2019 16:40
Operator : HP/JU
Sample : K3160-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-062819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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 : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115326.D
Acq On : 29 Jun 2019 16:40
Operator : HP/JU
Sample : K3160-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-062819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

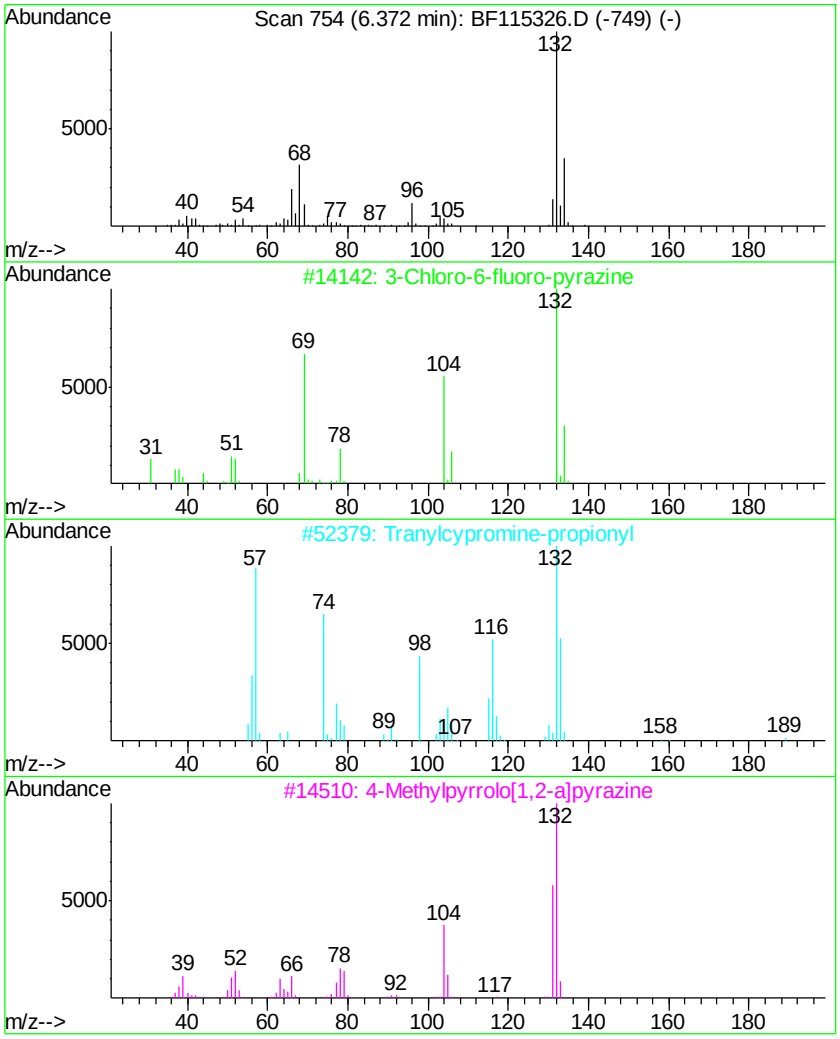
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

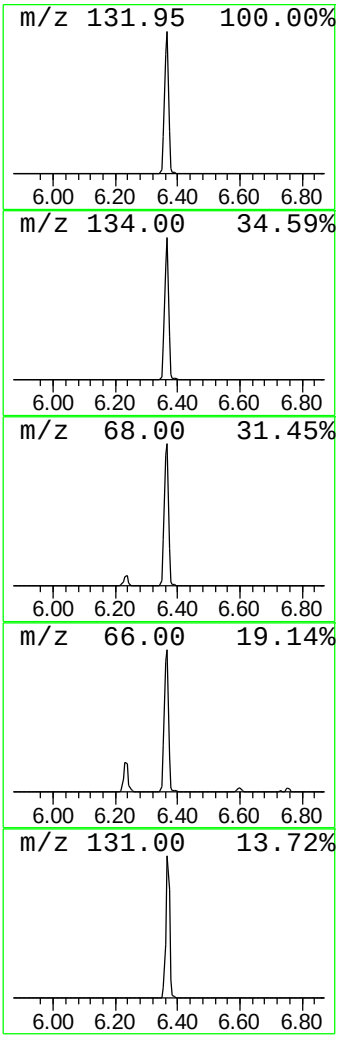
****

Peak Number 1 unknown6.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	27.92 ng	2034210	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	Xenon	132	Xe	007440-63-3	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115326.D
Acq On : 29 Jun 2019 16:40
Operator : HP/JU
Sample : K3160-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-062819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

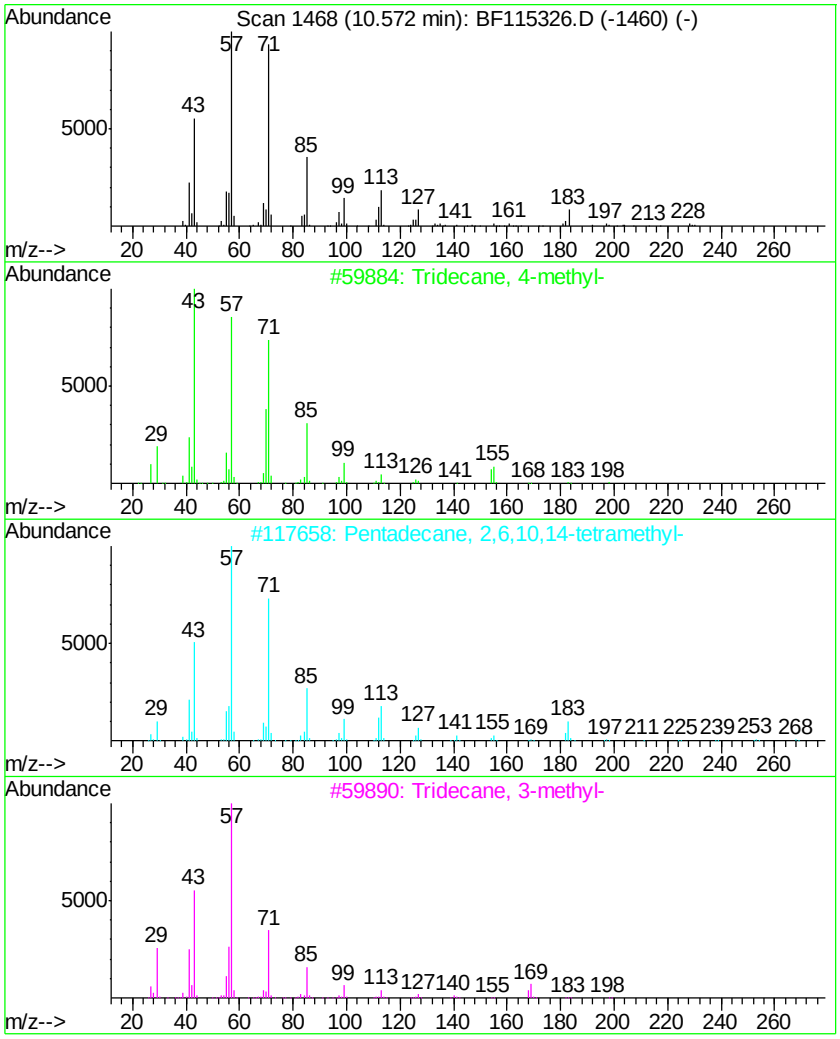
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

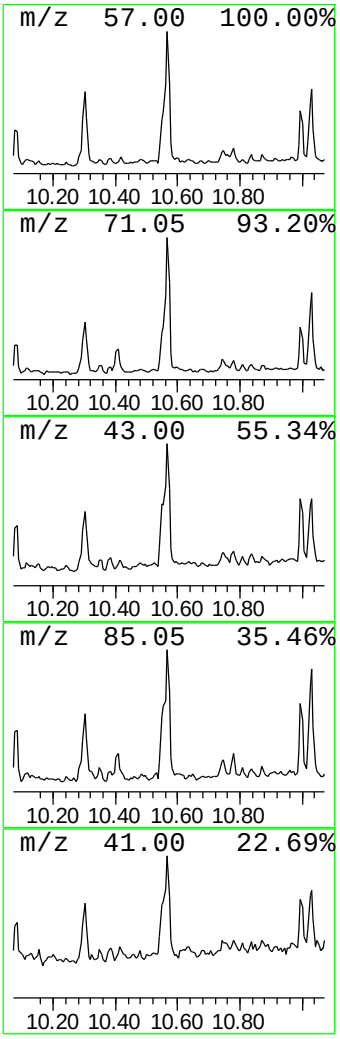
****

Peak Number 3 Tridecane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	2.65 ng	345269	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	74
4	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	64
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115326.D
Acq On : 29 Jun 2019 16:40
Operator : HP/JU
Sample : K3160-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-062819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

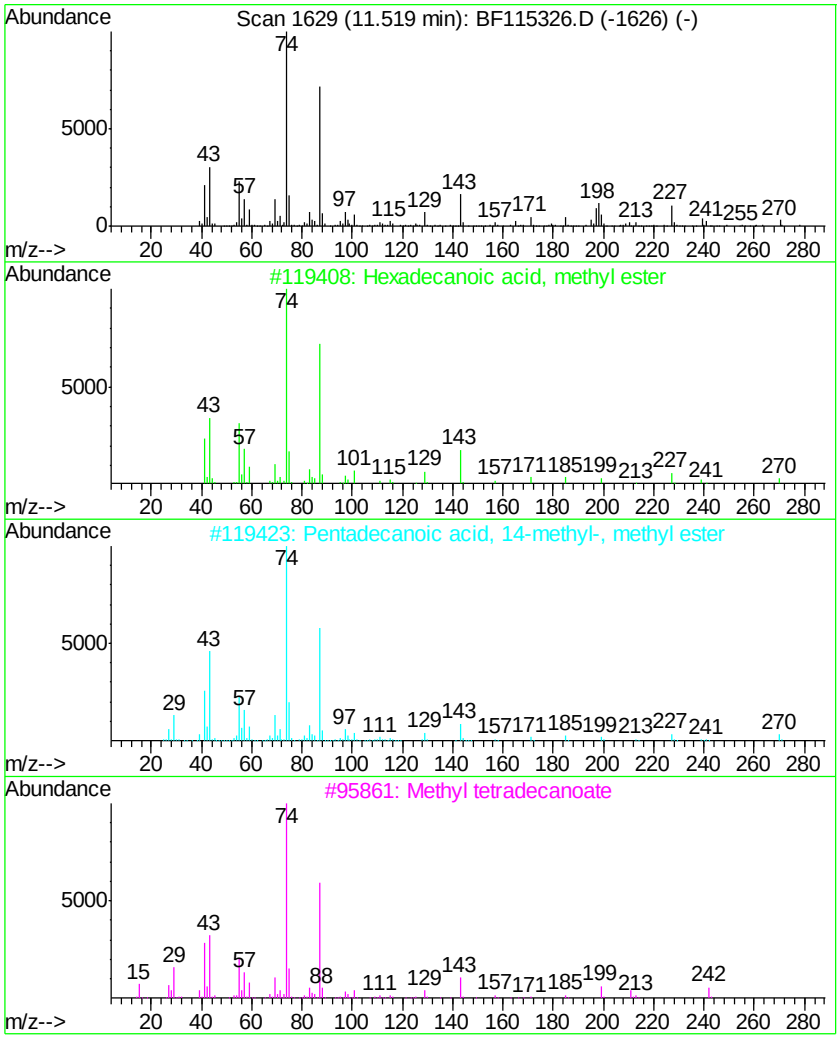
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

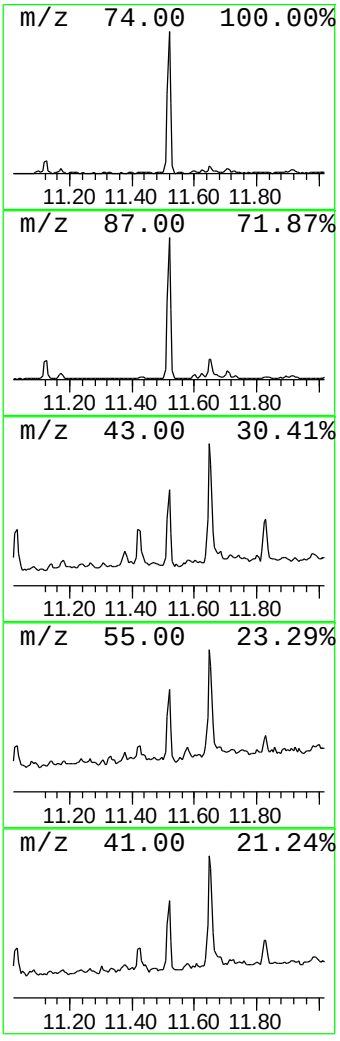
****

Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	3.20 ng	416590	Phenanthrene-d10	11.10

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	90
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	76





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115326.D
Acq On : 29 Jun 2019 16:40
Operator : HP/JU
Sample : K3160-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-062819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

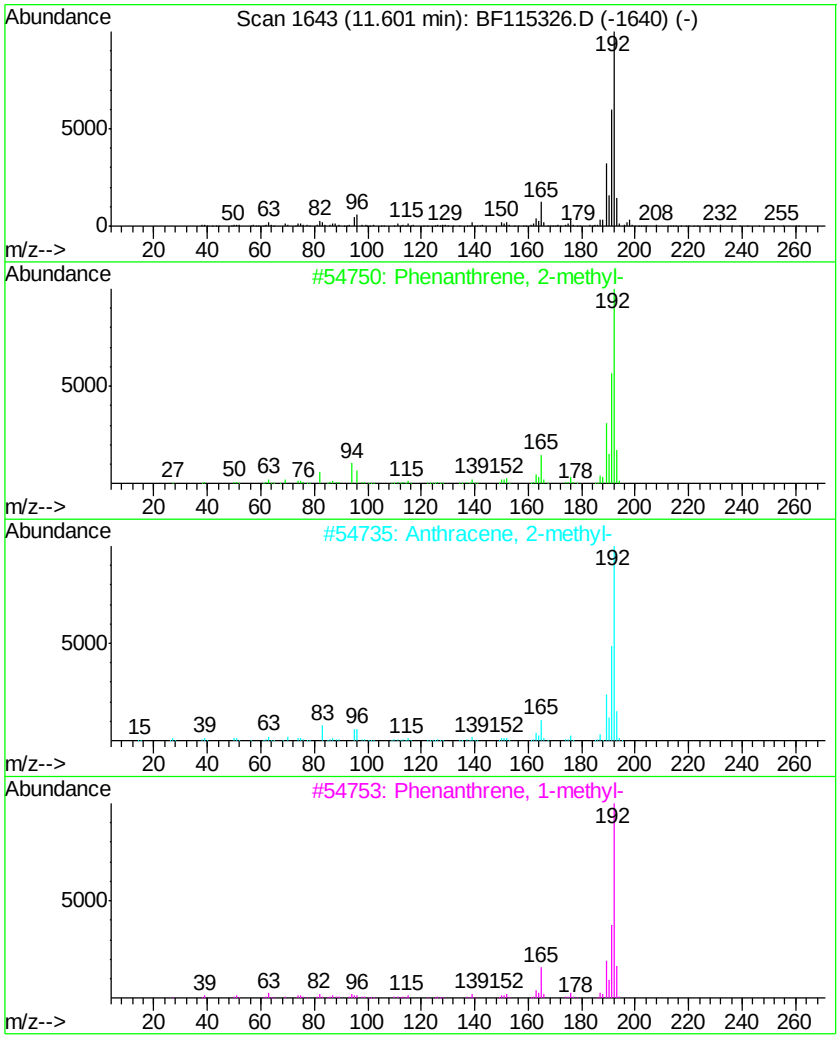
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

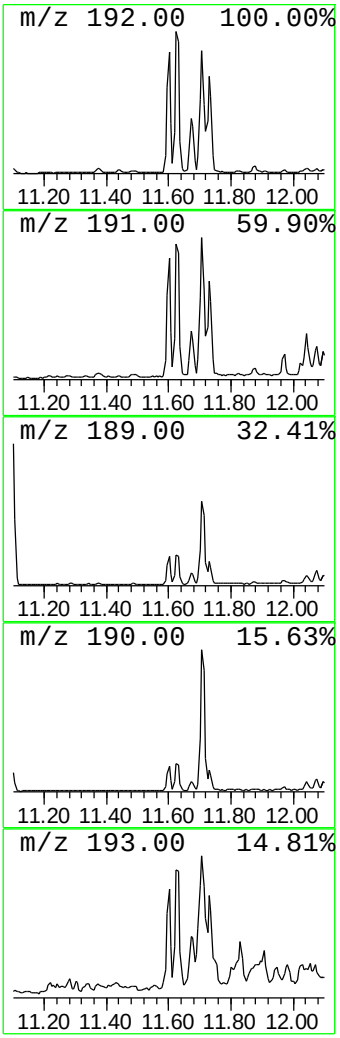
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	2.30 ng	299312	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115326.D
Acq On : 29 Jun 2019 16:40
Operator : HP/JU
Sample : K3160-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-062819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

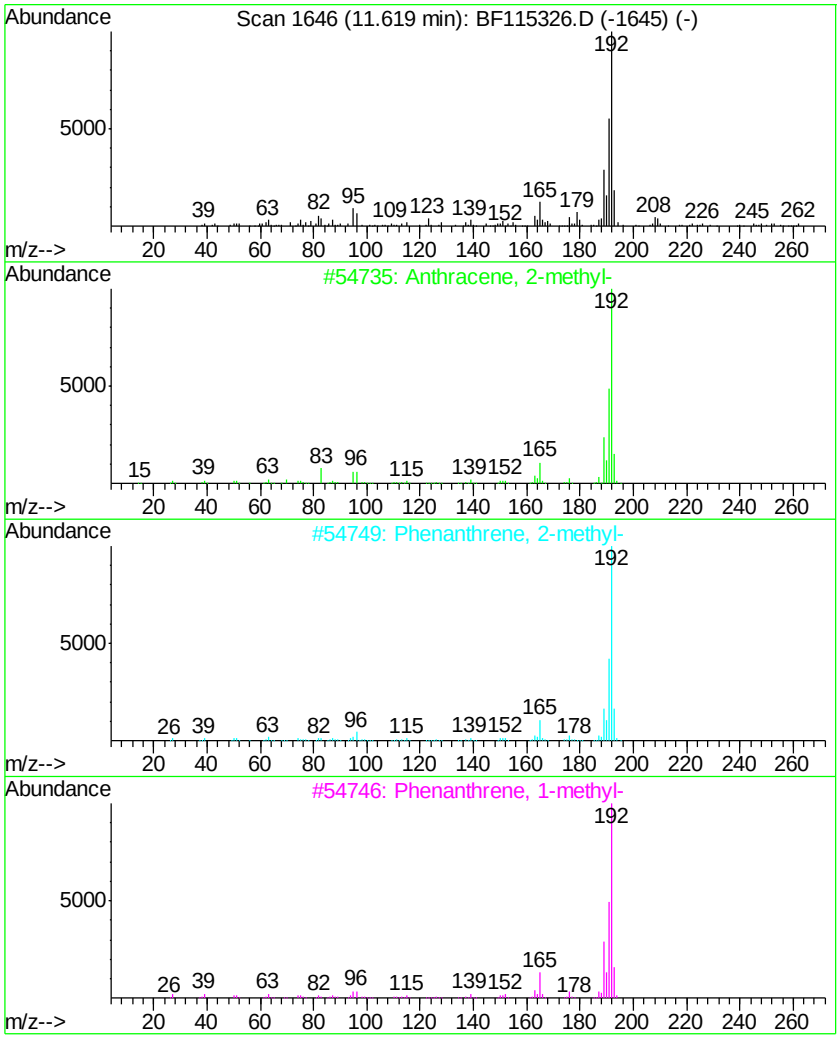
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

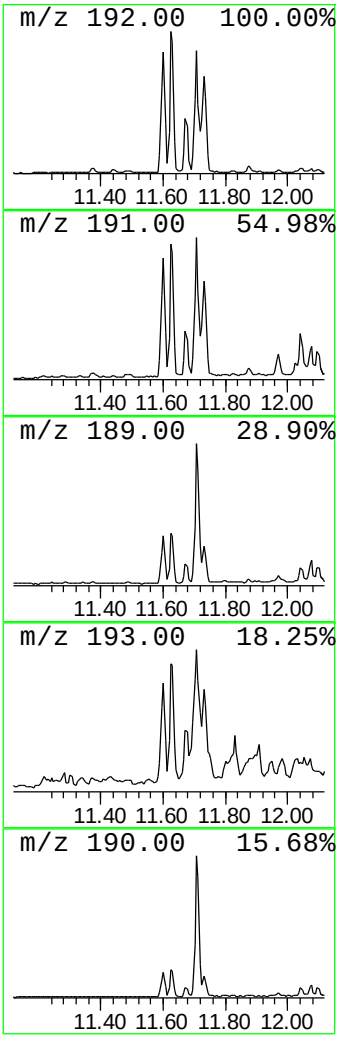
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	2.90 ng	377123	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115326.D
Acq On : 29 Jun 2019 16:40
Operator : HP/JU
Sample : K3160-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-062819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

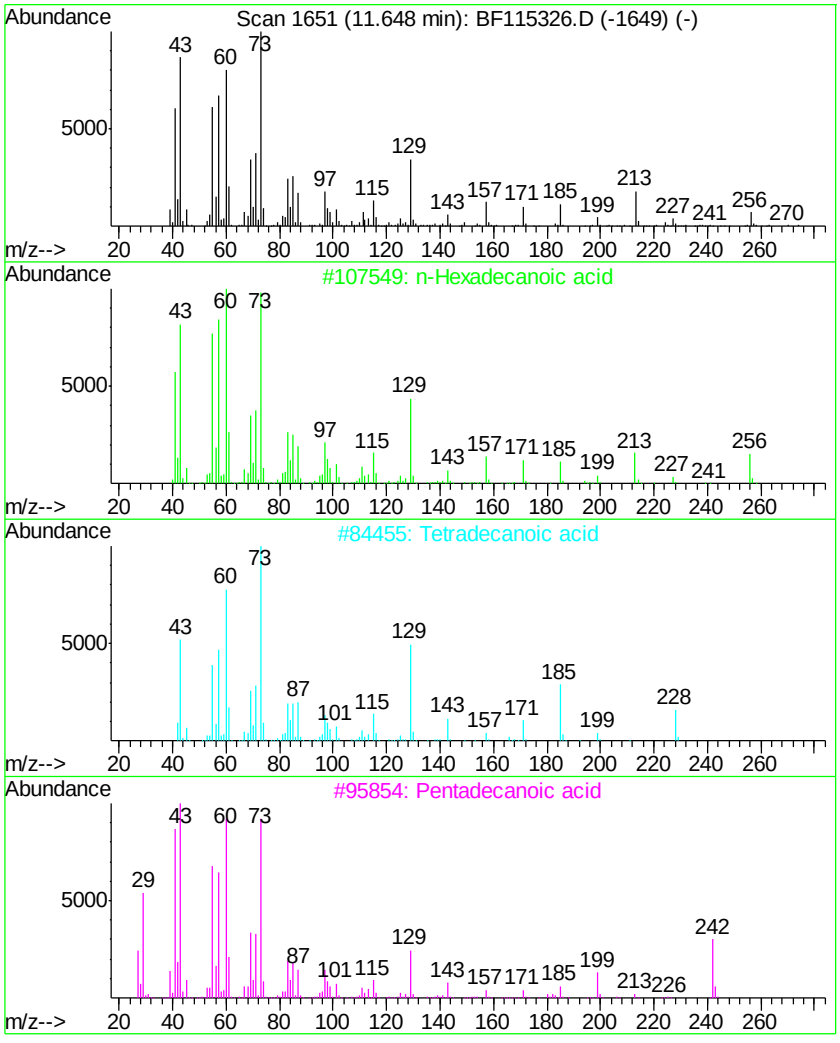
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

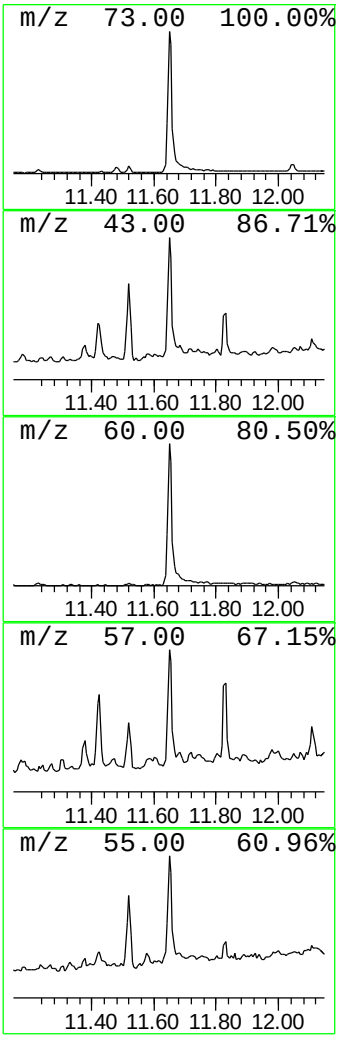
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	3.96 ng	515355	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





Library Search Compound Report

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115326.D
Acq On : 29 Jun 2019 16:40
Operator : HP/JU
Sample : K3160-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-062819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

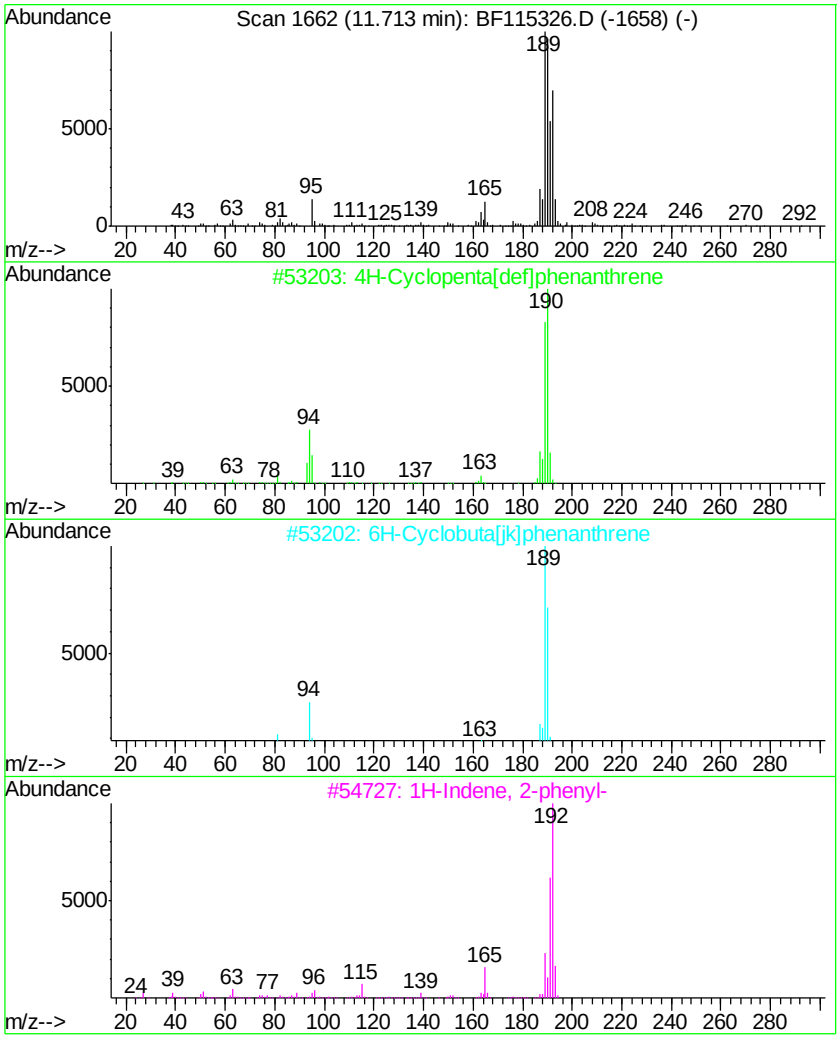
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

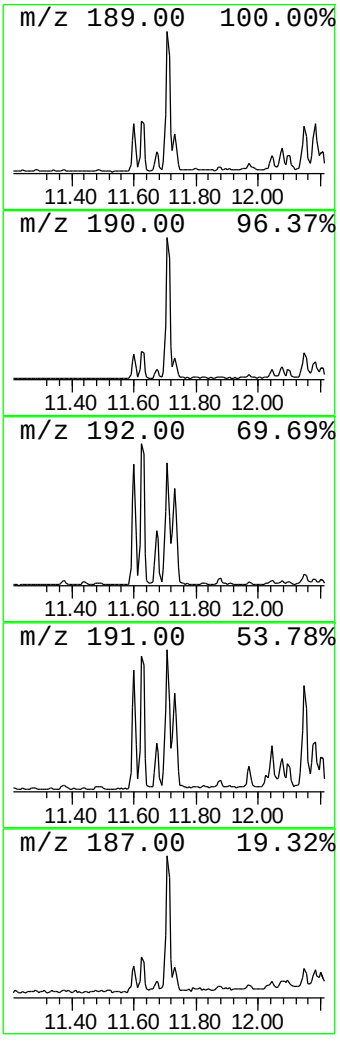
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	5.12 ng	666446	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115326.D
Acq On : 29 Jun 2019 16:40
Operator : HP/JU
Sample : K3160-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-062819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

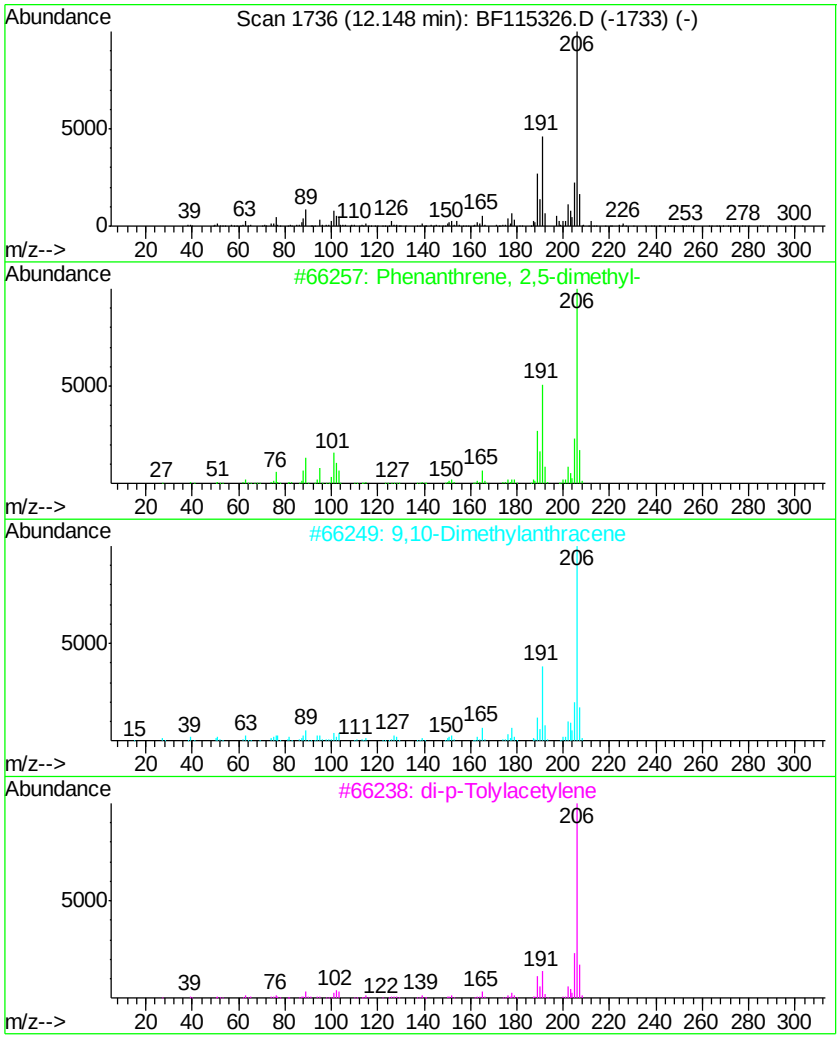
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

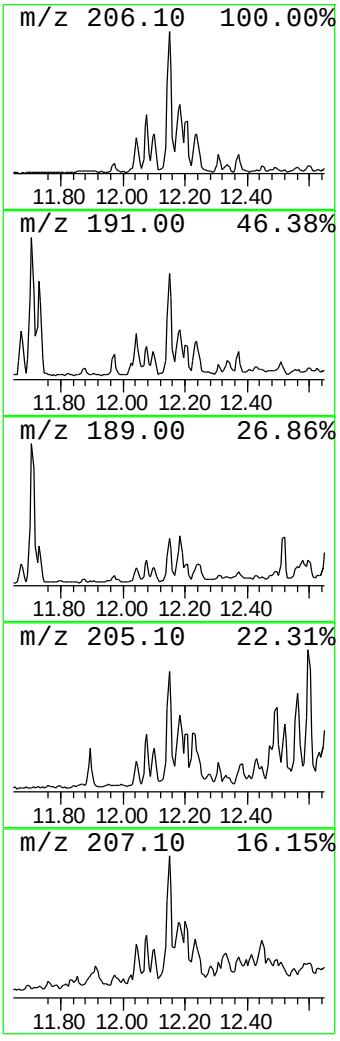
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	3.75 ng	487806	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115326.D
Acq On : 29 Jun 2019 16:40
Operator : HP/JU
Sample : K3160-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-062819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

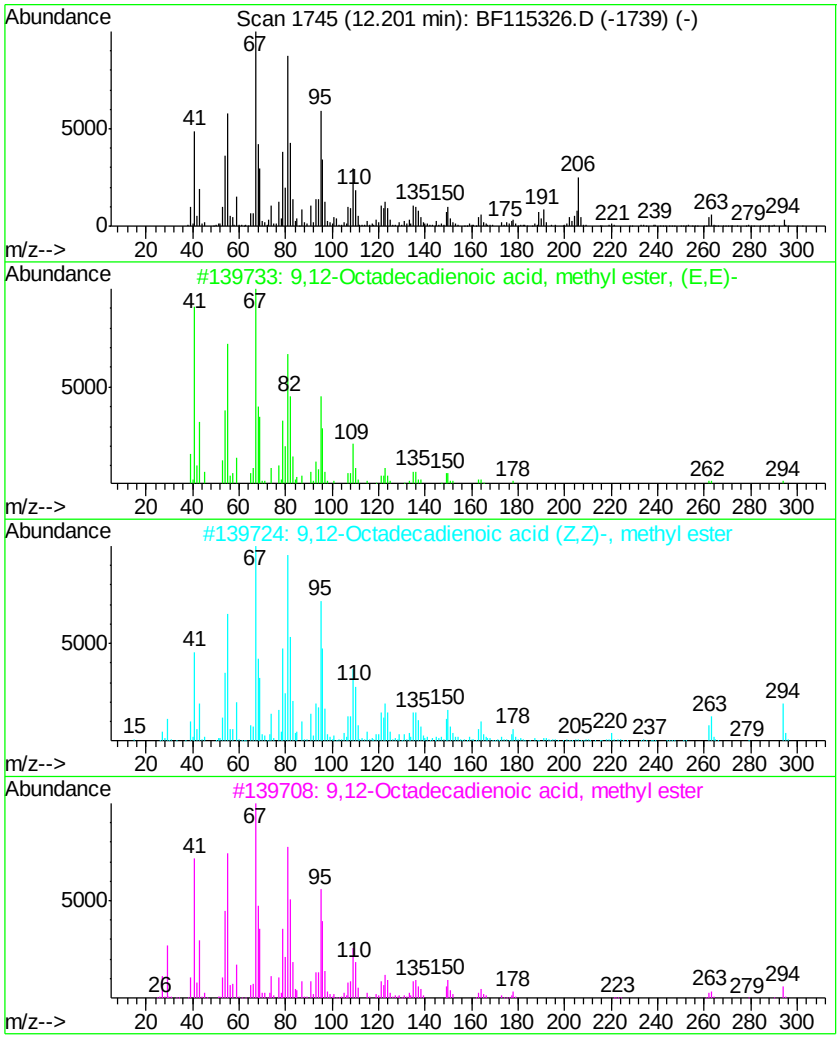
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

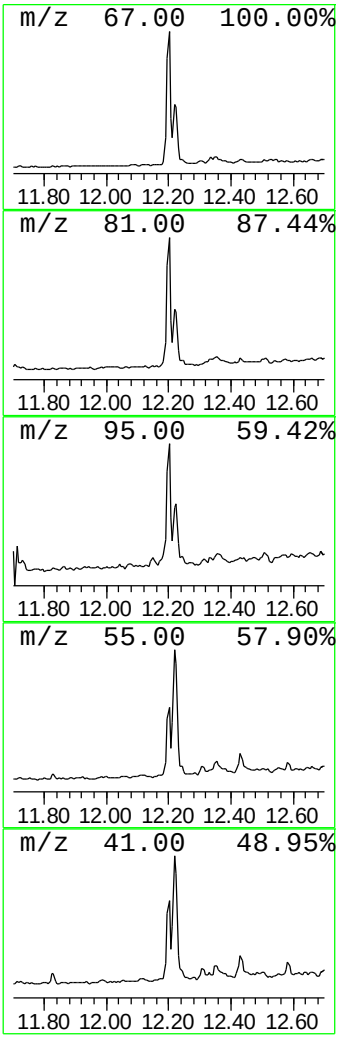
****

Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	10.46 ng	1361930	Phenanthrene-d10	11.10

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 (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115326.D
Acq On : 29 Jun 2019 16:40
Operator : HP/JU
Sample : K3160-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-062819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

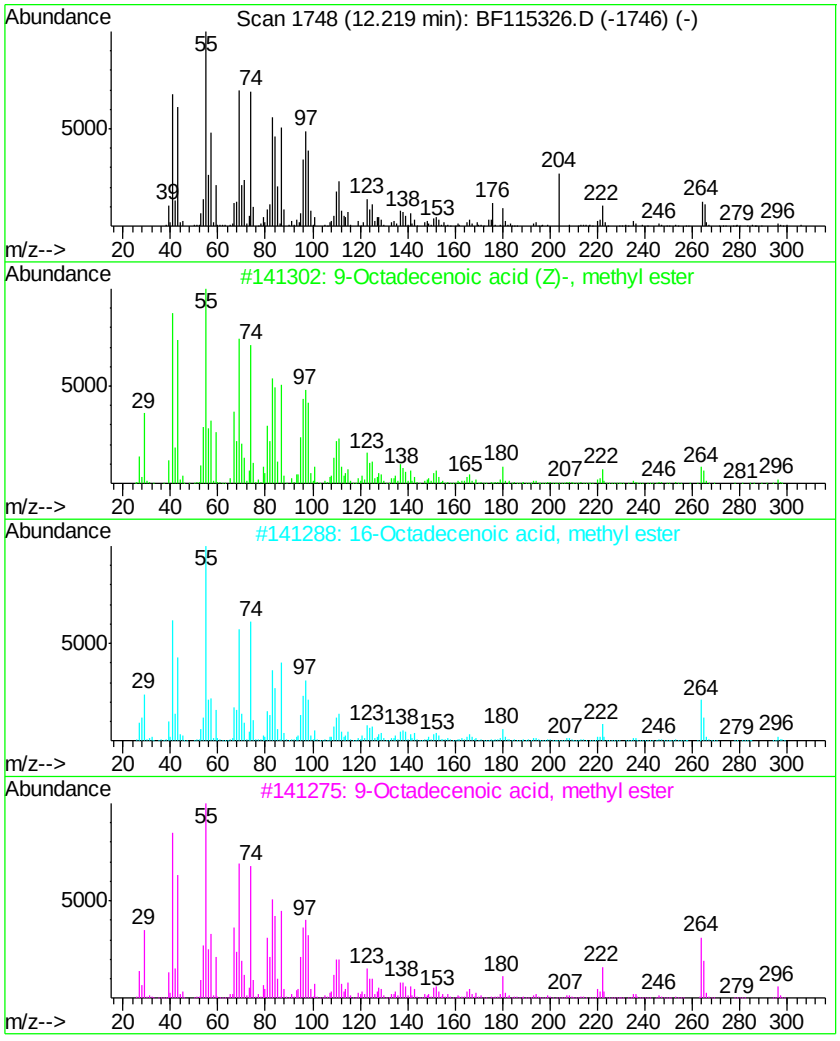
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

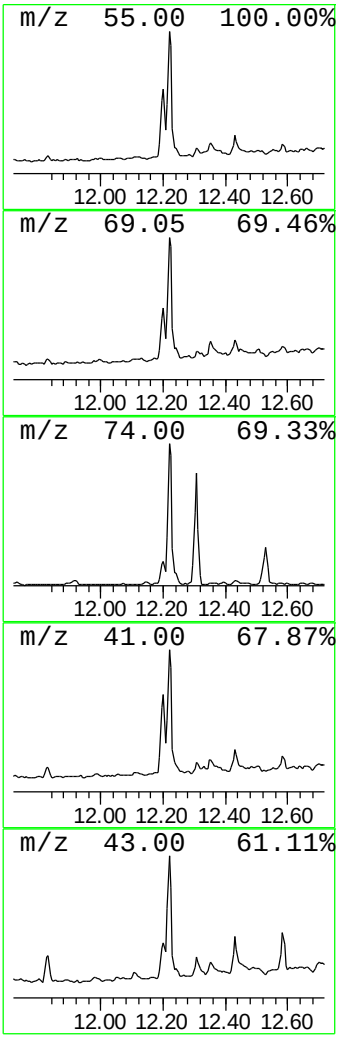
****

Peak Number 11 9-Octadecenoic acid (Z)-, m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	14.56 ng	1894830	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	90
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	90
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	89
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	70





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115326.D
Acq On : 29 Jun 2019 16:40
Operator : HP/JU
Sample : K3160-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-062819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

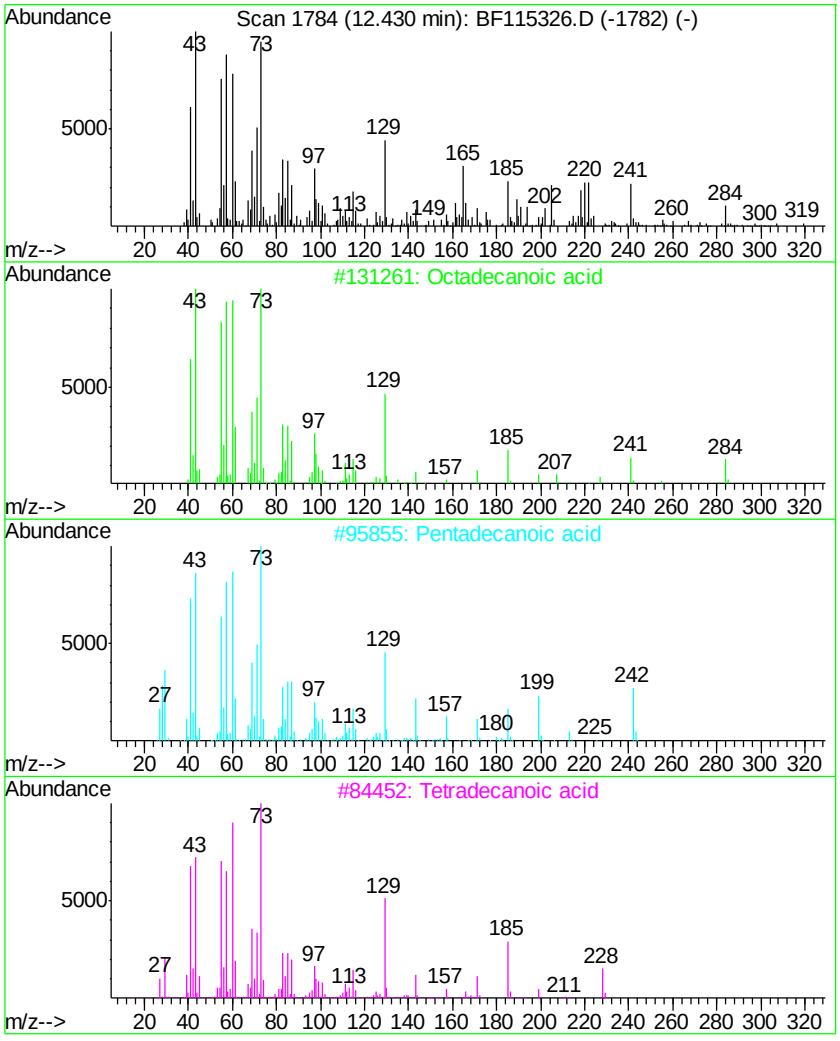
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

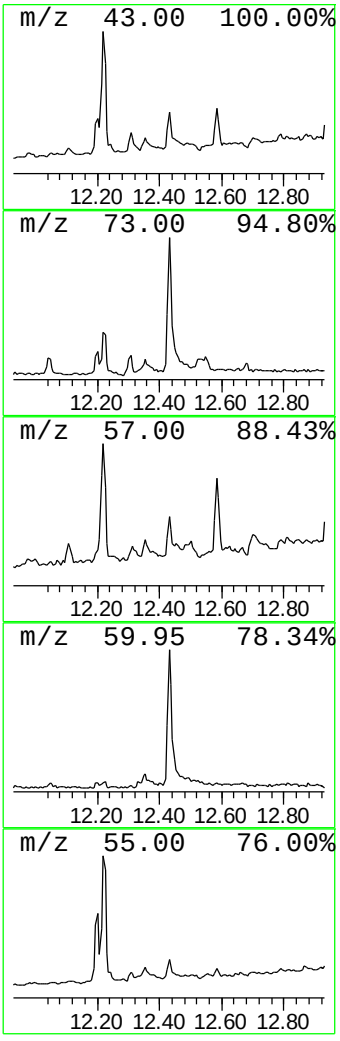
****

Peak Number 12 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.42 ng	440936	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	45
4	n-Decanoic acid	172	C10H20O2	000334-48-5	41
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	38





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115326.D
Acq On : 29 Jun 2019 16:40
Operator : HP/JU
Sample : K3160-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-062819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

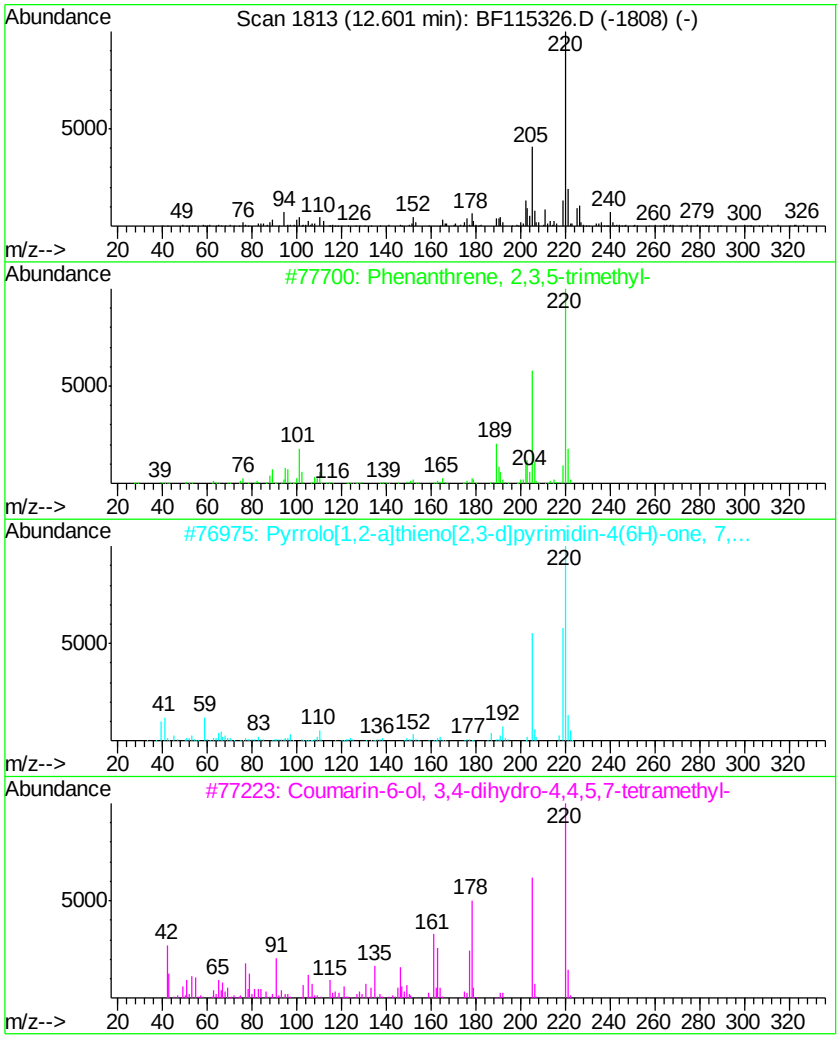
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

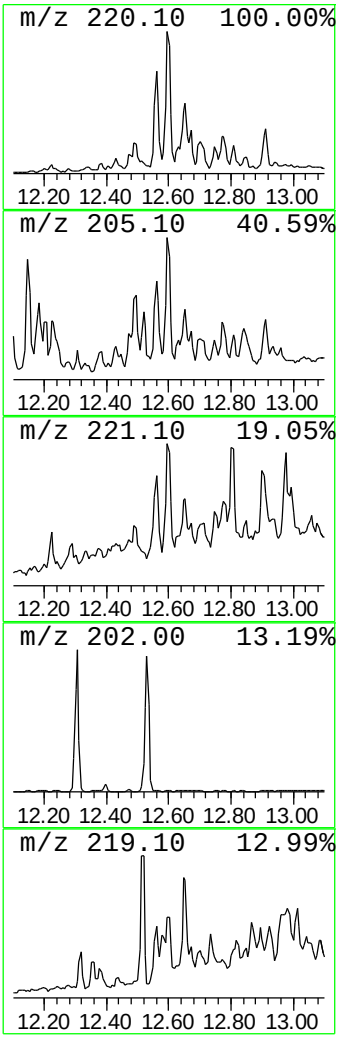
****

Peak Number 13 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	2.20 ng	400207	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	93
2	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	64
3	Coumarin-6-ol, 3,4-dihydro-4,4,5...	220	C13H16O3	050442-68-7	59
4	5-(2,5-Dimethoxy-phenyl)-2H-pyra...	220	C11H12N2O3	1000278-26-9	59
5	Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	59





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115326.D
Acq On : 29 Jun 2019 16:40
Operator : HP/JU
Sample : K3160-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-062819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

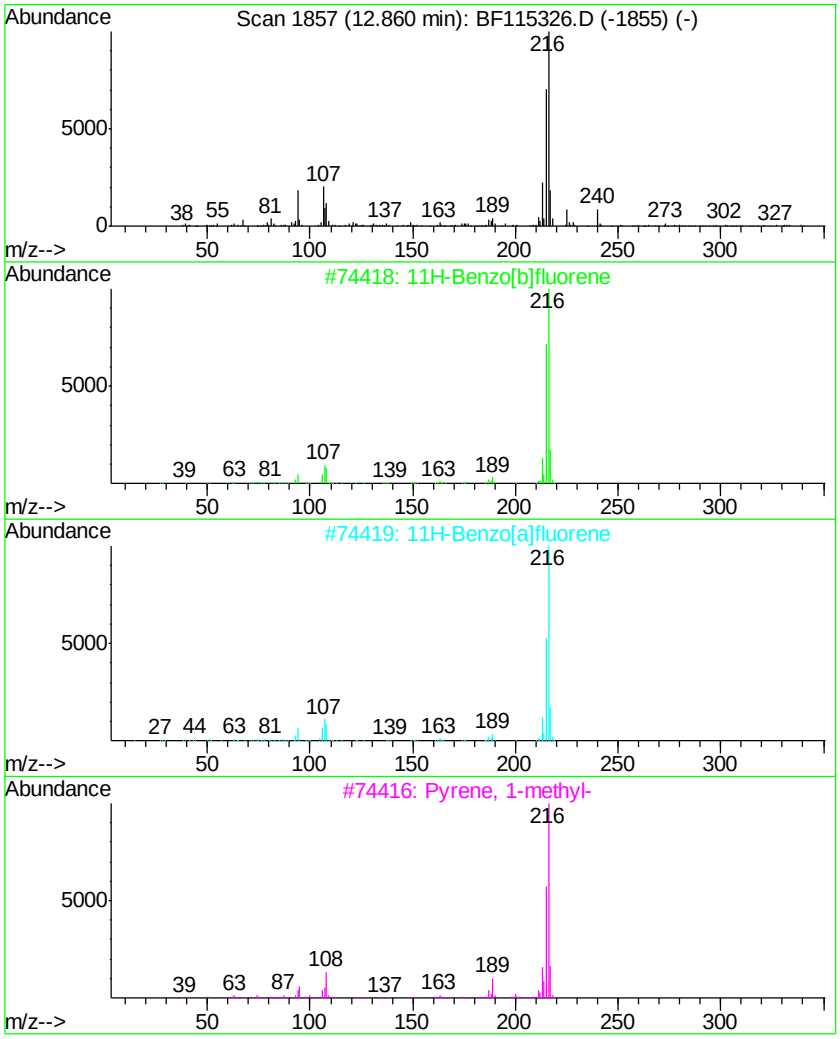
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

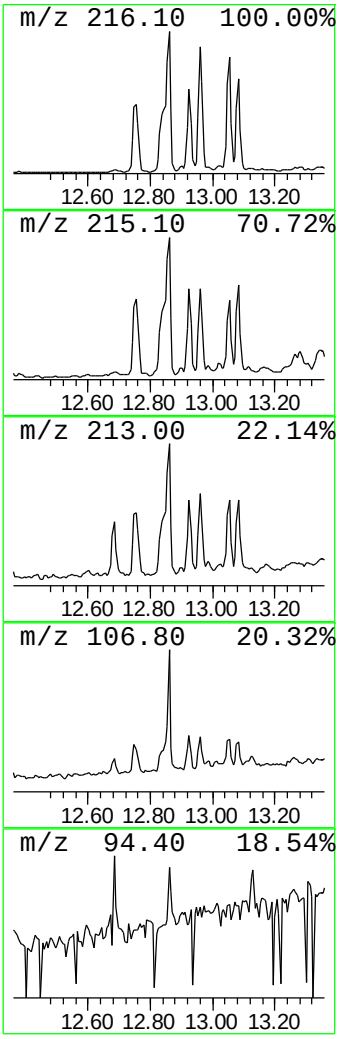
****

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	2.48 ng	451235	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115326.D
Acq On : 29 Jun 2019 16:40
Operator : HP/JU
Sample : K3160-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-062819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

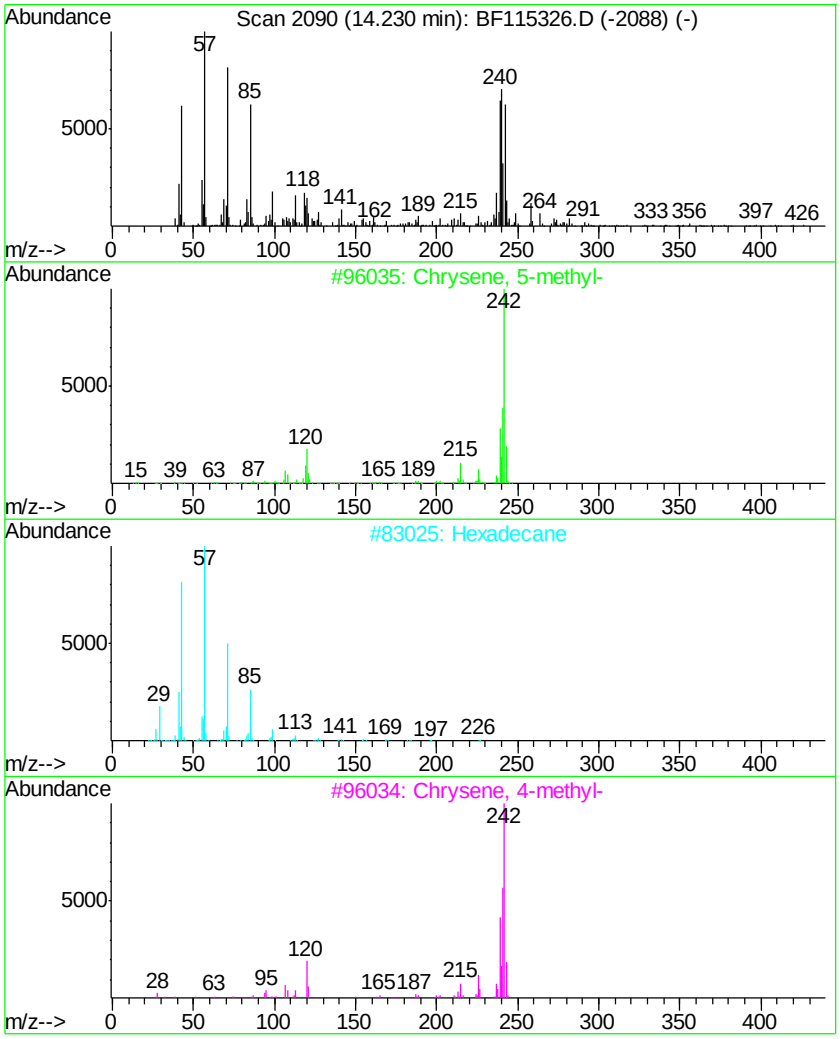
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

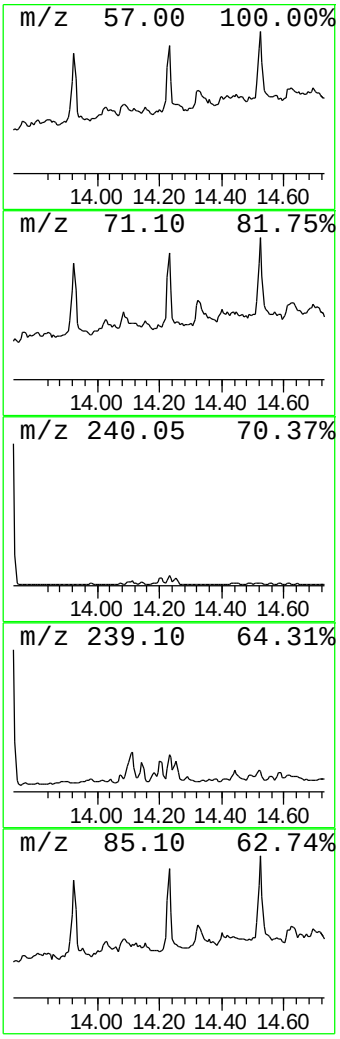
****

Peak Number 15 Chrysene, 5-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	2.62 ng	477146	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
2	Hexadecane	226	C16H34	000544-76-3	59
3	Chrysene, 4-methyl-	242	C19H14	003351-30-2	45
4	1,3-Dichloro-7-methyl-5,6,7,8-te...	241	C10H9Cl2N3	1000274-39-1	30
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	30





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115326.D
Acq On : 29 Jun 2019 16:40
Operator : HP/JU
Sample : K3160-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-062819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
unknown6.37	6.37	27.9	ng	2034210	1	6.60	1456960	20.0
Tridecane, 4-methyl-	10.57	2.6	ng	345269	4	11.10	2603390	20.0
Hexadecanoic acid...	11.52	3.2	ng	416590	4	11.10	2603390	20.0
Phenanthrene, 2-m...	11.60	2.3	ng	299312	4	11.10	2603390	20.0
Anthracene, 2-met...	11.62	2.9	ng	377123	4	11.10	2603390	20.0
n-Hexadecanoic acid	11.65	4.0	ng	515355	4	11.10	2603390	20.0
4H-Cyclopenta[def...	11.71	5.1	ng	666446	4	11.10	2603390	20.0
Phenanthrene, 2,5...	12.15	3.8	ng	487806	4	11.10	2603390	20.0
9,12-Octadecadien...	12.20	10.5	ng	1361930	4	11.10	2603390	20.0
9-Octadecenoic ac...	12.22	14.6	ng	1894830	4	11.10	2603390	20.0
Octadecanoic acid	12.43	2.4	ng	440936	5	13.72	3640170	20.0
Phenanthrene, 2,3...	12.60	2.2	ng	400207	5	13.72	3640170	20.0
11H-Benzo[b]fluorene	12.86	2.5	ng	451235	5	13.72	3640170	20.0
Chrysene, 5-methyl-	14.23	2.6	ng	477146	5	13.72	3640170	20.0