LSC Area Percent Report

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115325.D
Acq On : 29 Jun 2019 16:13
Operator : HP/JU
Sample : K3160-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-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	5.184	548	552	562	rVB	1856204	1724718	10.62%	1.714%
2	6.231	727	730	733	rBV	2106275	1660841	10.22%	1.651%
3	6.360	748	752	756	rBV	2132477	1894458	11.66%	1.883%
4	6.595	789	792	796	rBV	1278613	1063402	6.55%	1.057%
5	6.754	815	819	822	rBV	1829115	1482350	9.12%	1.473%
6	7.154	880	887	890	rBV	1369027	1245850	7.67%	1.238%
7	7.407	927	930	936	rVB3	197139	240494	1.48%	0.239%
8	7.625	963	967	970	rBV3	190423	207216	1.28%	0.206%
9	7.878	1007	1010	1013	rVV	1914574	1775623	10.93%	1.765%
10	7.901	1013	1014	1018	rVB2	288951	176611	1.09%	0.176%
11	8.189	1055	1063	1065	rVB5	125996	202792	1.25%	0.202%
12	8.272	1075	1077	1083	rVB5	142886	176831	1.09%	0.176%
13	8.325	1083	1086	1089	rBV3	211335	248313	1.53%	0.247%
14	8.389	1093	1097	1100	rBV3	213731	209484	1.29%	0.208%
15	8.495	1112	1115	1120	rBV4	278471	318323	1.96%	0.316%
16	8.589	1127	1131	1135	rVB3	232290	294680	1.81%	0.293%
17	8.707	1149	1151	1153	rVB2	250974	190912	1.18%	0.190%
18	8.925	1185	1188	1190	rVB2	249472	203591	1.25%	0.202%
19	8.954	1190	1193	1196	rBV	2890558	2209818	13.60%	2.196%
20	9.054	1207	1210	1214	rBV	537102	431925	2.66%	0.429%
21	9.107	1216	1219	1221	rVV2	227375	229665	1.41%	0.228%
22	9.207	1233	1236	1241	rBV4	159224	281556	1.73%	0.280%
23	9.348	1256	1260	1263	rBV	371859	422647	2.60%	0.420%
24	9.583	1297	1300	1302	rBV	737116	531275	3.27%	0.528%
25	9.625	1302	1307	1310	rVV	2100026	1860911	11.46%	1.849%
26	9.654	1310	1312	1316	rVB	249969	226806	1.40%	0.225%
27	9.730	1323	1325	1334	rVB7	91148	171748	1.06%	0.171%
28	9.825	1336	1341	1346	rBV3	275860	467574	2.88%	0.465%
29	9.901	1352	1354	1358	rVB4	306489	312807	1.93%	0.311%
30	9.942	1358	1361	1363	rBV	209941	222805	1.37%	0.221%
31	10.078	1382	1384	1388	rVB	799504	640375	3.94%	0.636%
32	10.166	1396	1399	1402	rBV	394198	309311	1.90%	0.307%
33	10.301	1417	1422	1424	rBV	473869	530355	3.26%	0.527%
34	10.383	1433	1436	1437	rBV	175859	178371	1.10%	0.177%

LSC Area Percent Report

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115325.D
Acq On : 29 Jun 2019 16:13
Operator : HP/JU
Sample : K3160-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	10.407	1437	1440	1445	rVB	1572413	1566695	9.64%	1.557%
36	10.548	1461	1464	1471	rVB	1048551	1246104	7.67%	1.238%
37	10.742	1494	1497	1501	rBV3	256886	280300	1.73%	0.279%
38	10.789	1501	1505	1510	rVB5	332262	473067	2.91%	0.470%
39	10.836	1510	1513	1516	rBV3	130475	183997	1.13%	0.183%
40	10.995	1537	1540	1543	rBV	1136056	907293	5.59%	0.902%
41	11.025	1543	1545	1551	rVB	490333	535468	3.30%	0.532%
42	11.095	1554	1557	1559	rBV	1929317	1751216	10.78%	1.740%
43	11.119	1559	1561	1564	rVV	2182902	1902708	11.71%	1.891%
44	11.172	1567	1570	1573	rVB	651336	506266	3.12%	0.503%
45	11.301	1590	1592	1594	rBV2	183716	166318	1.02%	0.165%
46	11.324	1594	1596	1600	rVV	350305	336051	2.07%	0.334%
47	11.372	1601	1604	1607	rVV2	285480	310365	1.91%	0.308%
48	11.424	1609	1613	1618	rVV4	962879	1453127	8.94%	1.444%
49	11.524	1625	1630	1633	rBV	7458187	7325928	45.10%	7.280%
50	11.595	1637	1642	1645	rBV3	388061	593462	3.65%	0.590%
51	11.624	1645	1647	1649	rVB	375562	256638	1.58%	0.255%
52	11.666	1649	1654	1658	rBV2	2364621	2958522	18.21%	2.940%
53	11.707	1658	1661	1664	rBV	494456	448796	2.76%	0.446%
54	11.824	1678	1681	1685	rVB	820981	770723	4.74%	0.766%
55	11.889	1690	1692	1694	rBV2	211948	188839	1.16%	0.188%
56	11.919	1694	1697	1701	rVB3	226655	269835	1.66%	0.268%
57	12.219	1741	1748	1749	rBV	8471108	16245135	100.00%	16.144%
58	12.313	1760	1764	1766	rVV2	5610622	6094399	37.52%	6.057%
59	12.371	1766	1774	1783	rVV2	3627753	7178237	44.19%	7.134%
60	12.442	1783	1786	1792	rVB3	1239962	1289224	7.94%	1.281%
61	12.530	1796	1801	1808	rBV	2488222	2784422	17.14%	2.767%
62	12.583	1808	1810	1813	rBV	644951	515771	3.17%	0.513%
63	12.683	1820	1827	1834	rBV	2996671	3183589	19.60%	3.164%
64	12.860	1855	1857	1860	rBV	695849	540526	3.33%	0.537%
65	12.948	1865	1872	1878	rBV4	1148952	2189261	13.48%	2.176%
66	13.007	1880	1882	1883	rBV2	233511	179616	1.11%	0.178%
67	13.030	1883	1886	1888	rVV	795449	670961	4.13%	0.667%
68	13.083	1892	1895	1896	rVV	342401	311577	1.92%	0.310%
69	13.101	1896	1898	1901	rVB2	514679	470349	2.90%	0.467%
70	13.183	1909	1912	1917	rVB2	1055843	1029466	6.34%	1.023%
71	13.230	1917	1920	1923	rBV	428748	426054	2.62%	0.423%

LSC Area Percent Report

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115325.D
Acq On : 29 Jun 2019 16:13
Operator : HP/JU
Sample : K3160-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	13.277	1926	1928	1931	rVB	514770	406913	2.50%	0.404%
73	13.607	1981	1984	1988	rVB2	327877	332498	2.05%	0.330%
74	13.718	1996	2003	2006	rBV3	2224003	3688633	22.71%	3.666%
75	13.748	2006	2008	2010	rVB	1010081	781307	4.81%	0.776%
76	14.224	2087	2089	2091	rBV2	485563	448554	2.76%	0.446%
77	14.518	2136	2139	2143	rBV3	523587	569714	3.51%	0.566%
78	14.613	2152	2155	2162	rVB	712463	903482	5.56%	0.898%
79	14.713	2169	2172	2175	rBV	856606	1194369	7.35%	1.187%
80	14.977	2214	2217	2221	rVB	602782	656934	4.04%	0.653%
81	15.030	2223	2226	2230	rBV	722223	794514	4.89%	0.790%
82	15.089	2232	2236	2239	rVV	919448	963970	5.93%	0.958%

Sum of corrected areas: 100625631

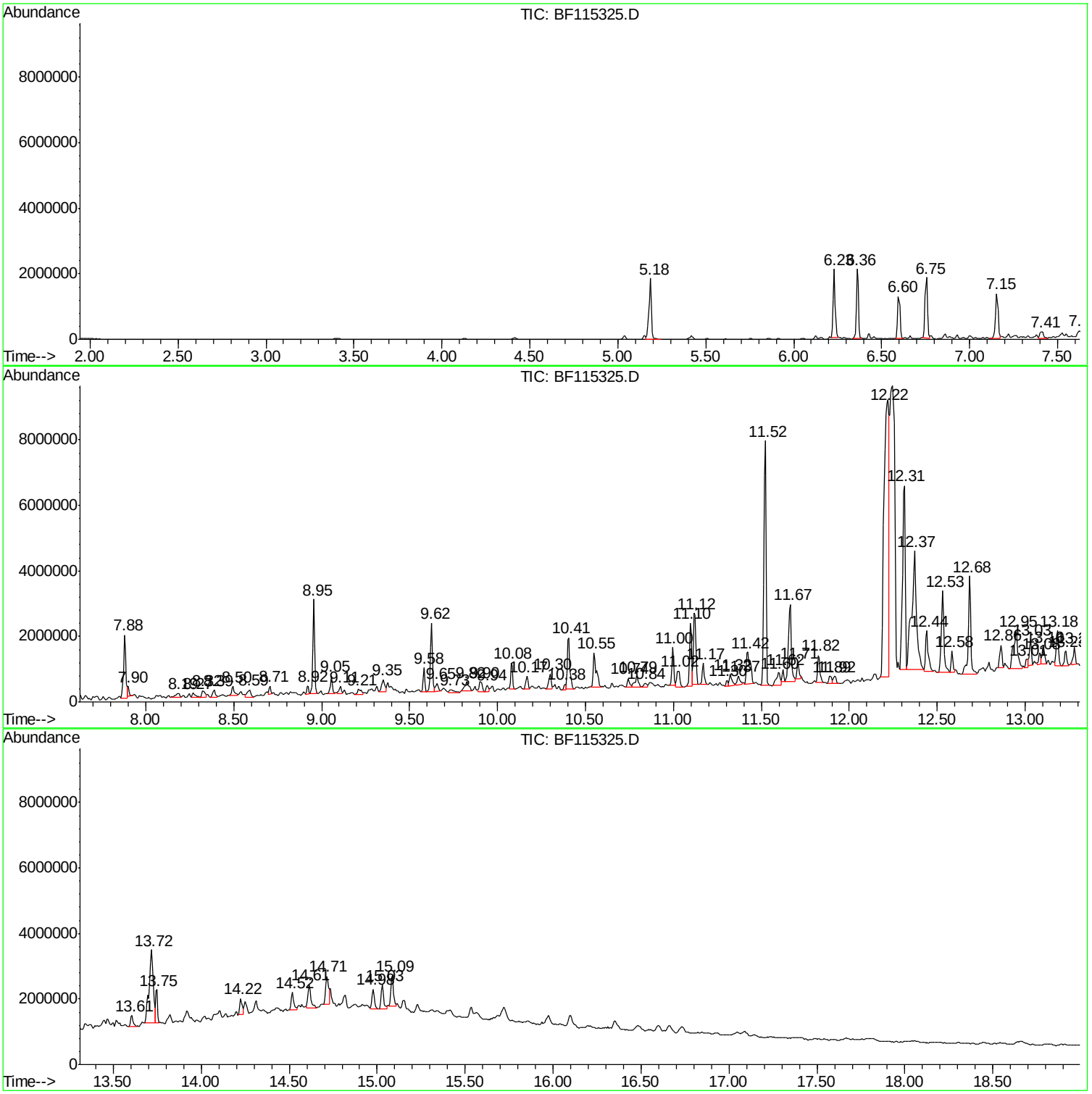
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115325.D
Acq On : 29 Jun 2019 16:13
Operator : HP/JU
Sample : K3160-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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 : BF115325.D
Acq On : 29 Jun 2019 16:13
Operator : HP/JU
Sample : K3160-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

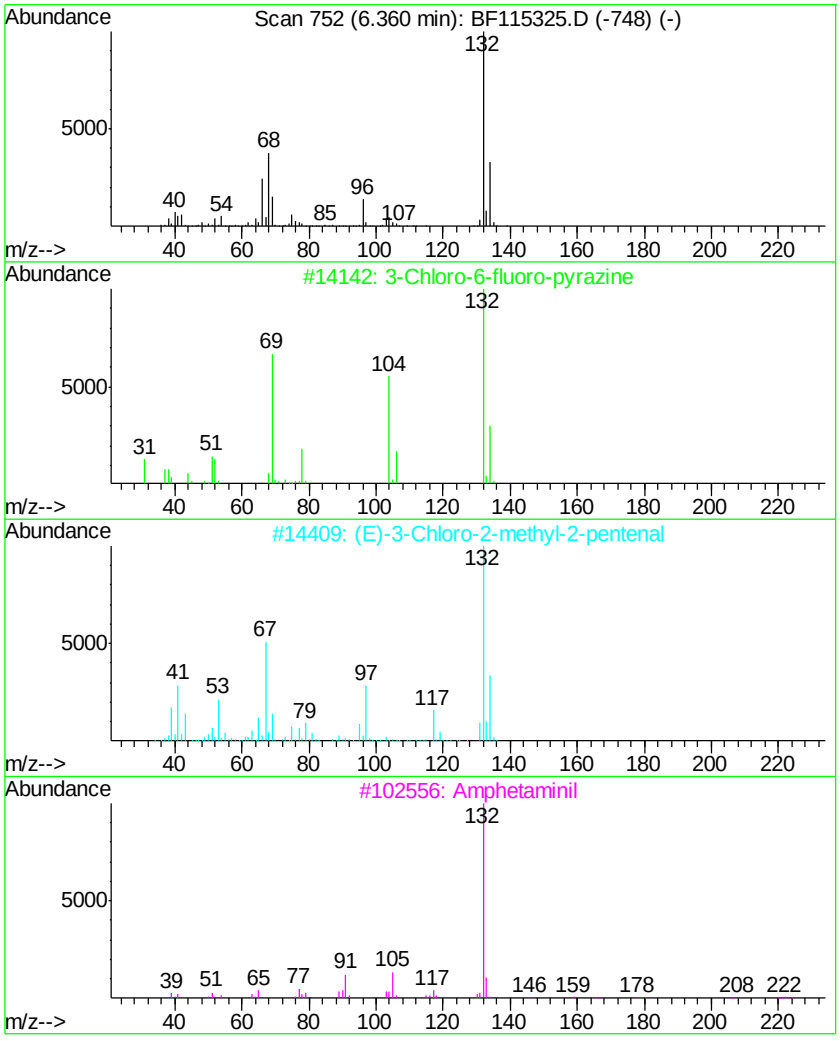
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

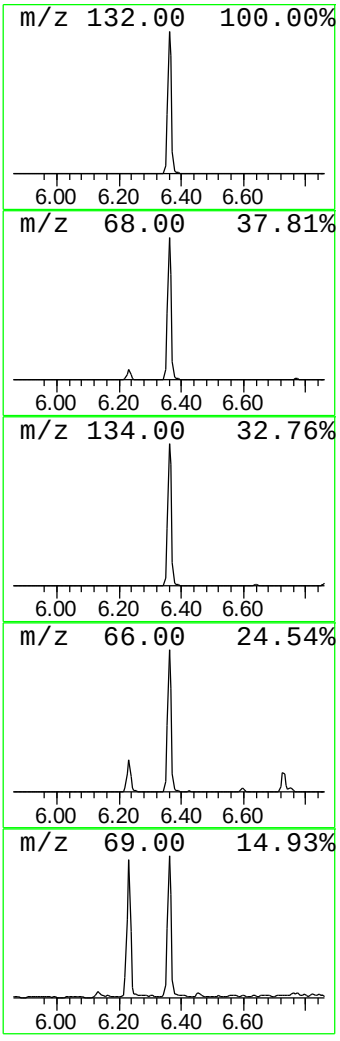
****

Peak Number 1 unknown6.36 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	35.63 ng	1894460	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115325.D
Acq On : 29 Jun 2019 16:13
Operator : HP/JU
Sample : K3160-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

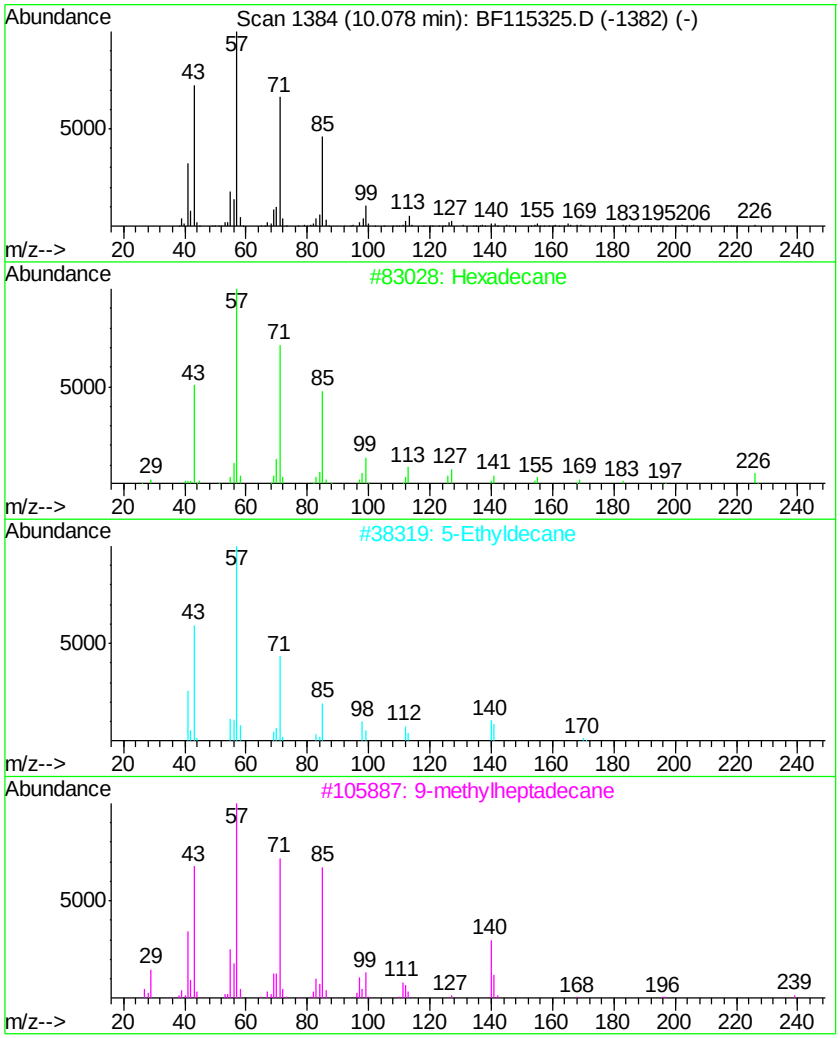
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

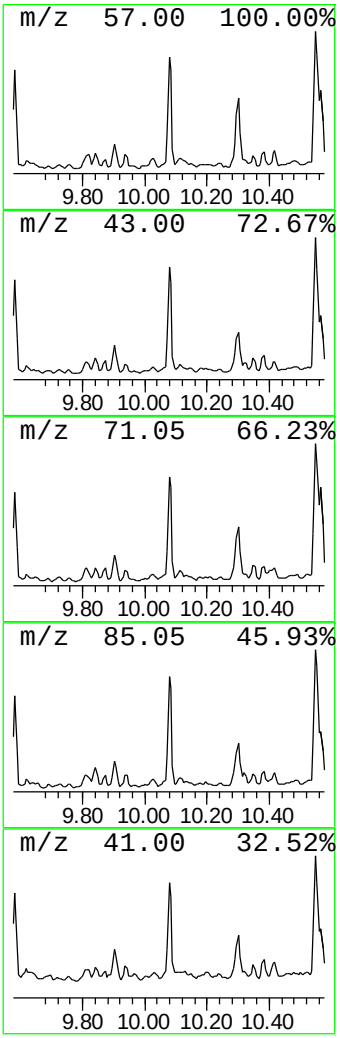
****

Peak Number 3 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	6.88 ng	640375	Acenaphthene-d10	9.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	5-Ethyldecane	170	C12H26	017302-36-2	90
3	9-methylheptadecane	254	C18H38	026741-18-4	90
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115325.D
Acq On : 29 Jun 2019 16:13
Operator : HP/JU
Sample : K3160-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

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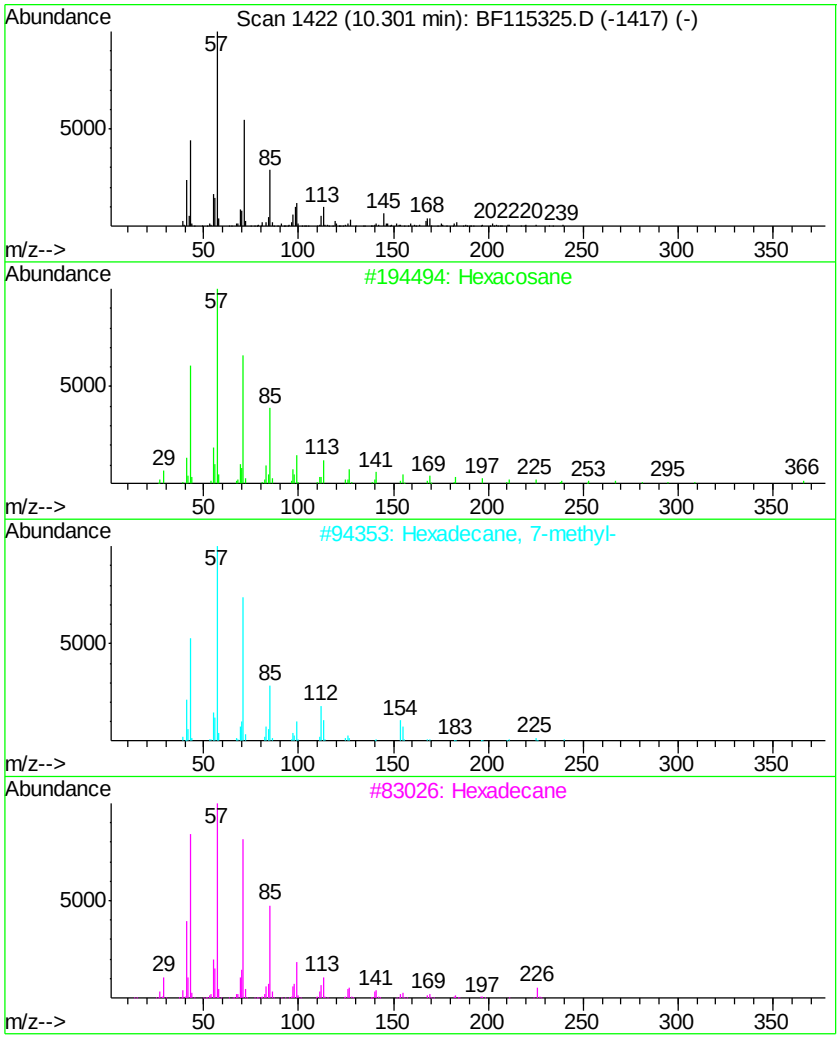
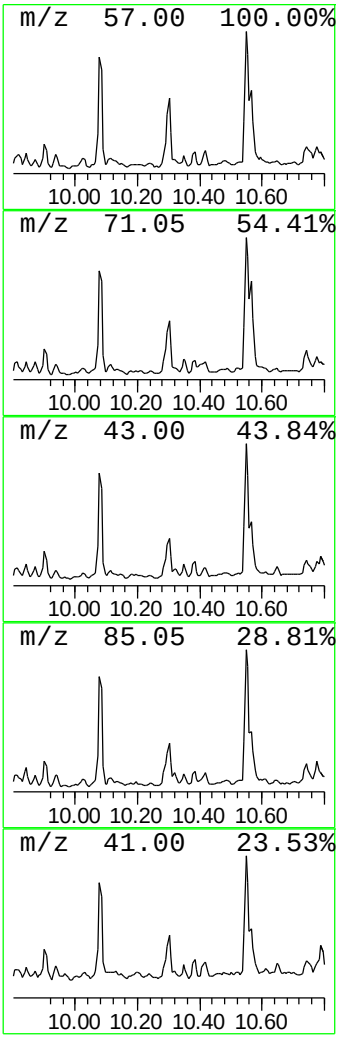
Peak Number 4 Hexacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	5.70 ng	530355	Acenaphthene-d10	9.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	72
2	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
3	Hexadecane	226	C16H34	000544-76-3	64
4	Triacontane	422	C30H62	000638-68-6	59
5	Heneicosane	296	C21H44	000629-94-7	59





Library Search Compound Report

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115325.D
Acq On : 29 Jun 2019 16:13
Operator : HP/JU
Sample : K3160-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

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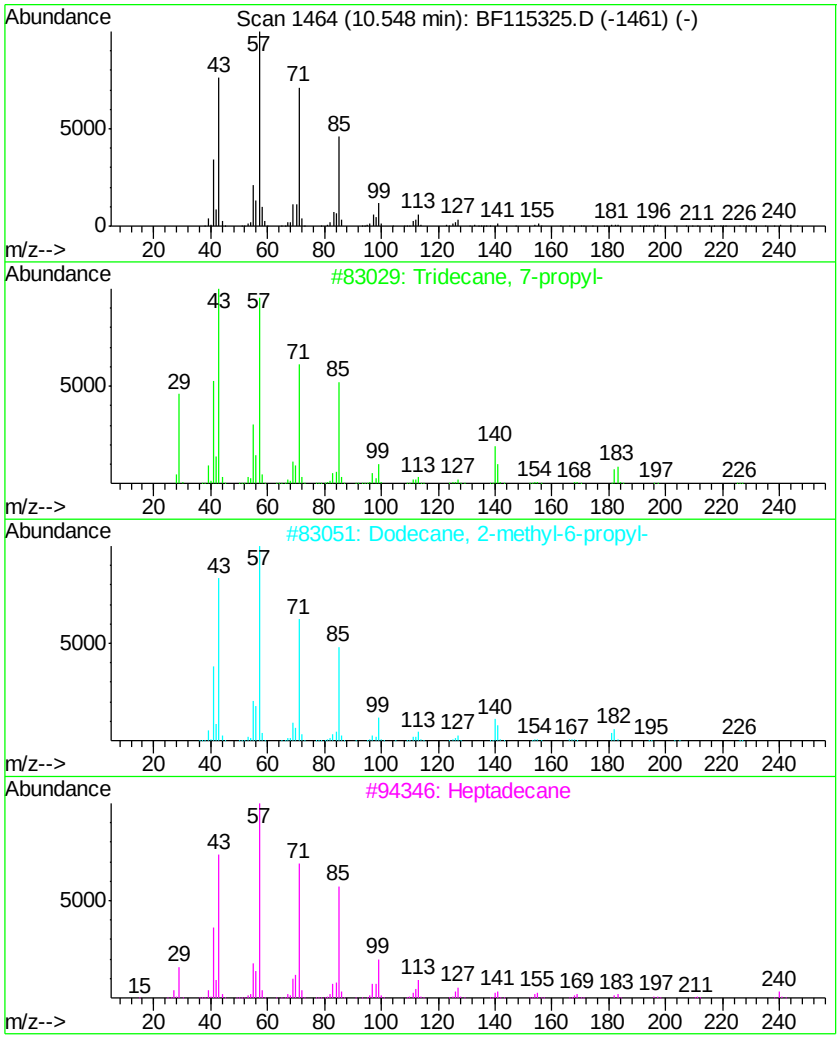
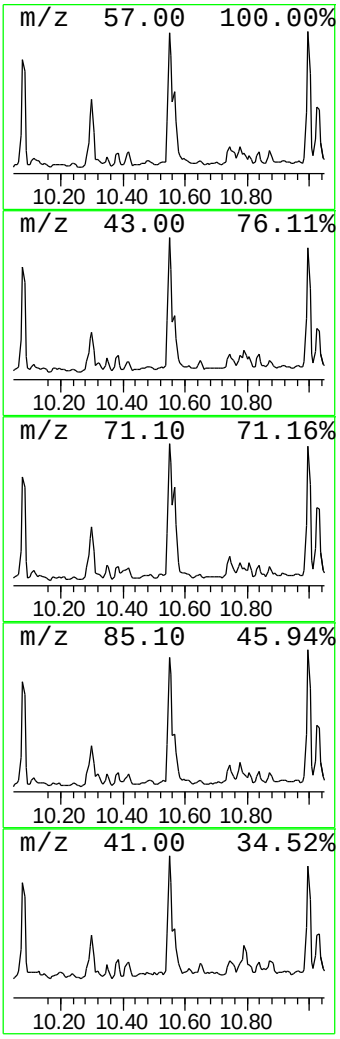
Peak Number 5 Tridecane, 7-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	14.23 ng	1246100	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Nonadecane	268	C19H40	000629-92-5	87





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115325.D
Acq On : 29 Jun 2019 16:13
Operator : HP/JU
Sample : K3160-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

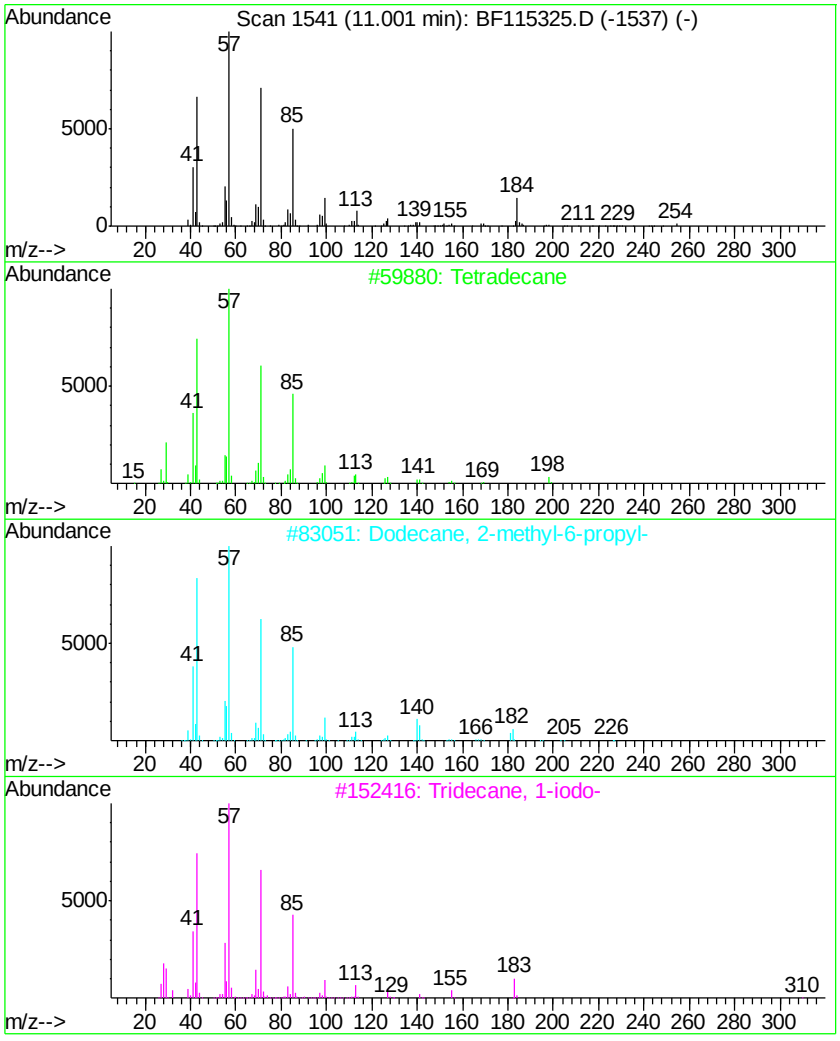
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

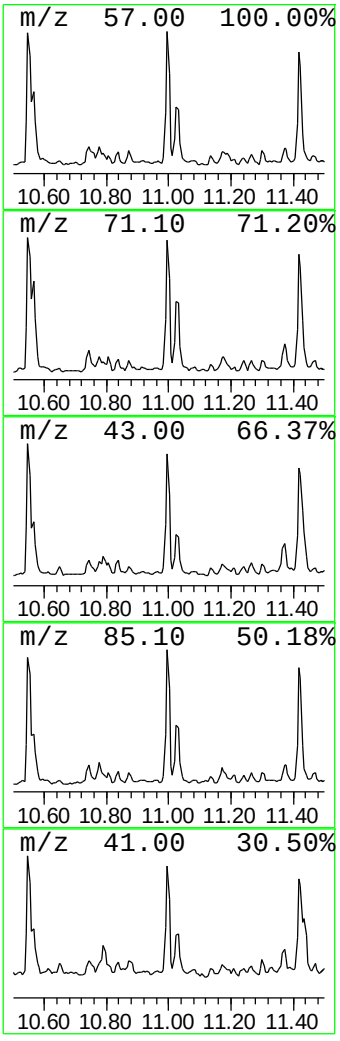
****

Peak Number 6 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	10.36 ng	907293	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	89
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	76
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
4	Heptadecane	240	C17H36	000629-78-7	68
5	Heneicosane	296	C21H44	000629-94-7	64





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Data File : BF115325.D
Acq On : 29 Jun 2019 16:13
Operator : HP/JU
Sample : K3160-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

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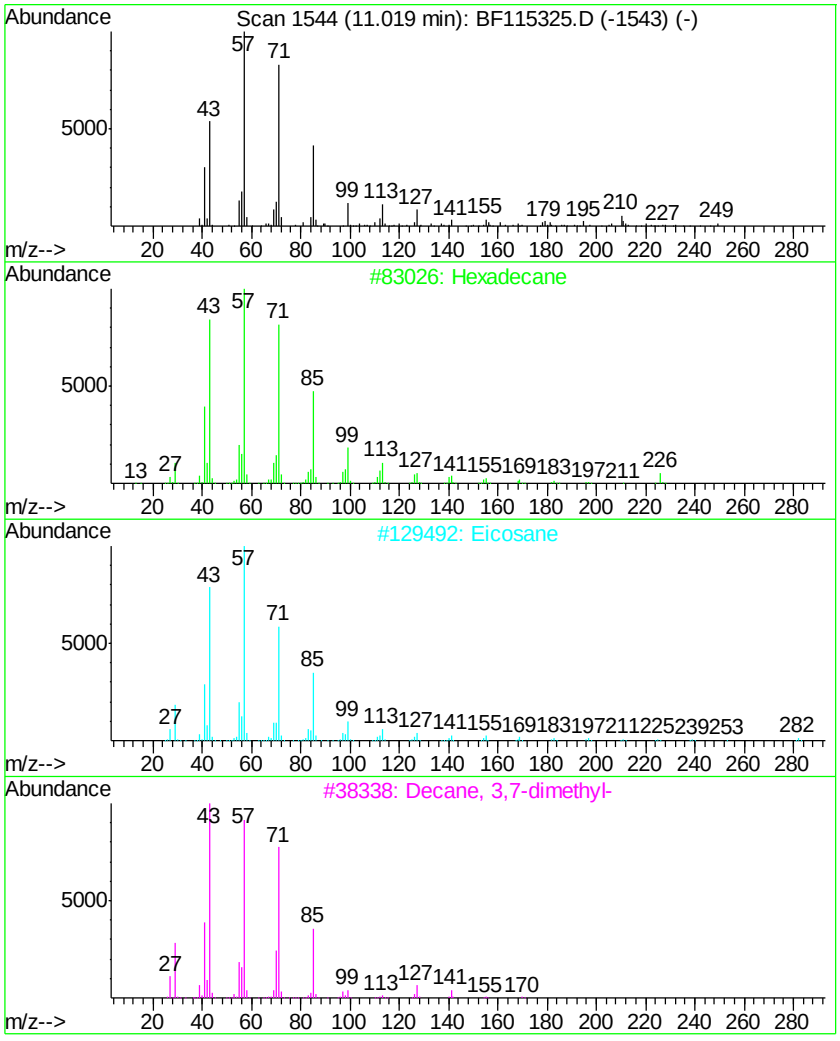
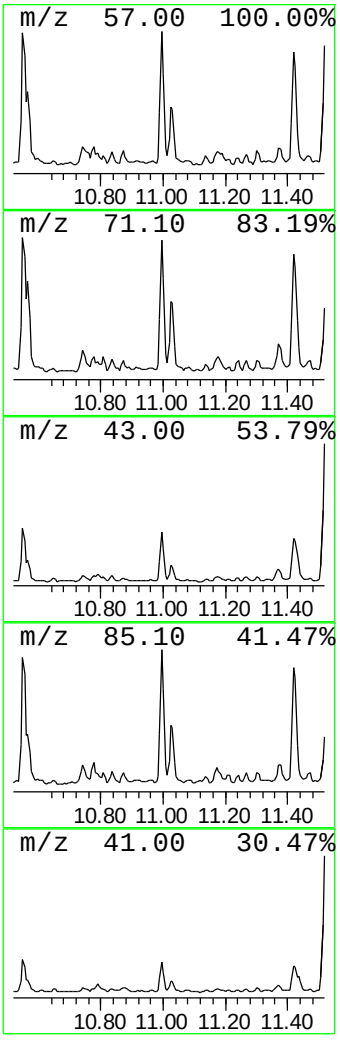
Peak Number 7 Decane, 3,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	6.12 ng	535468	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	86
3	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	83
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5	Heptacosane	380	C27H56	000593-49-7	80





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Operator : HP/JU
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Misc :
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Instrument : BNA_F
ClientSampleId : EO-01-062819-A

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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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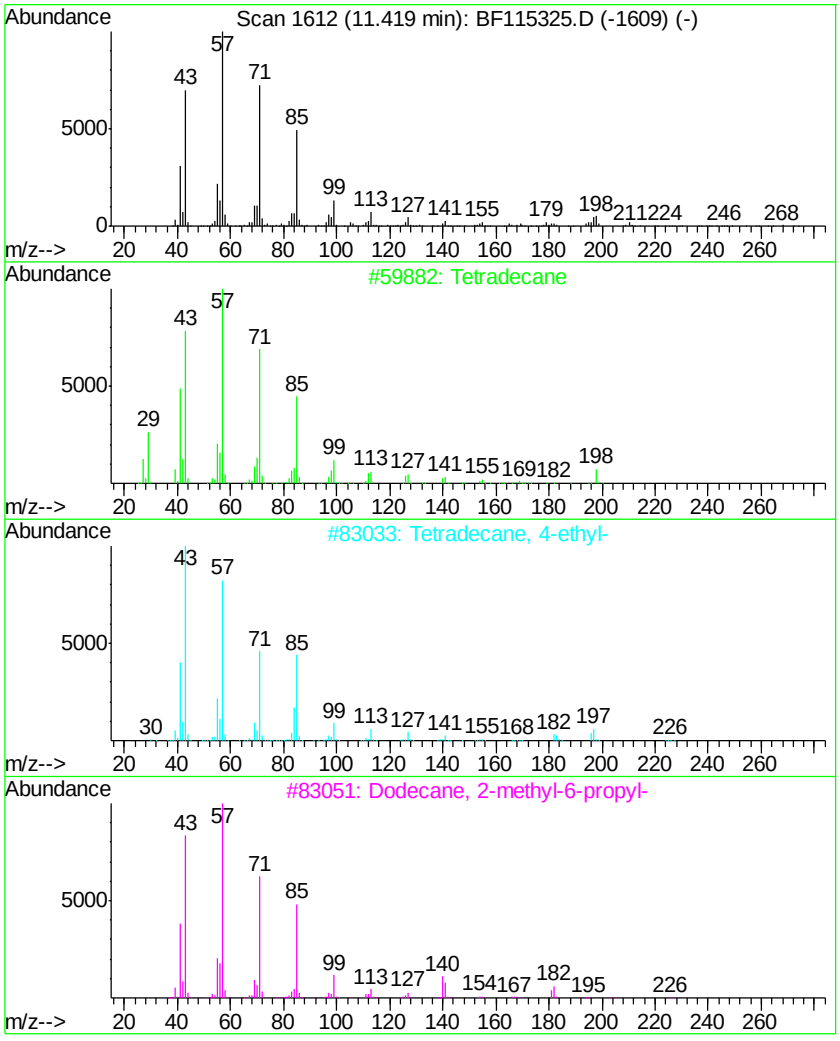
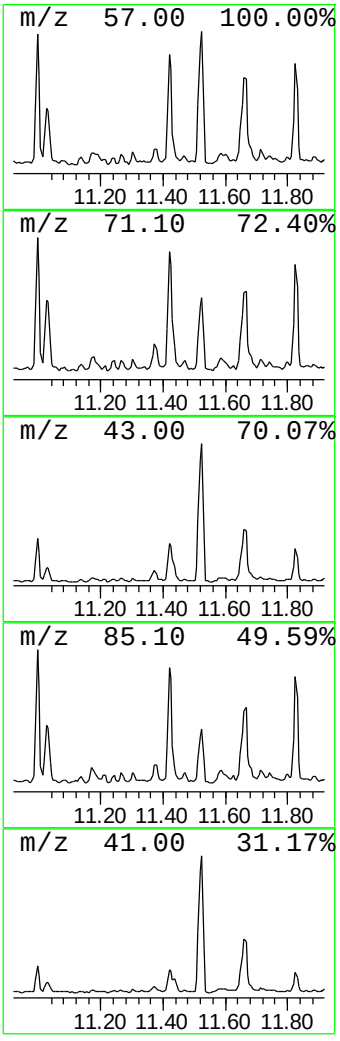
Peak Number 8 Tetradecane, 4-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	16.60 ng	1453130	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	74
5	Heptadecane	240	C17H36	000629-78-7	74





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Misc :
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Instrument : BNA_F
ClientSampleId : EO-01-062819-A

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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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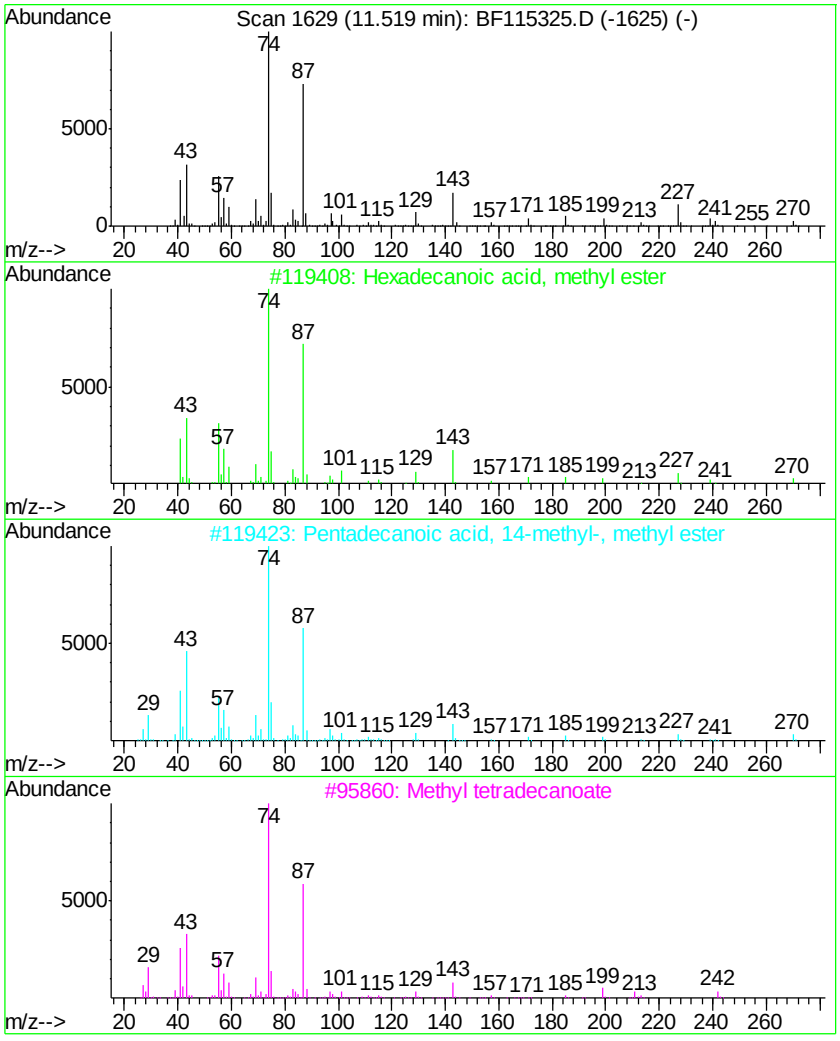
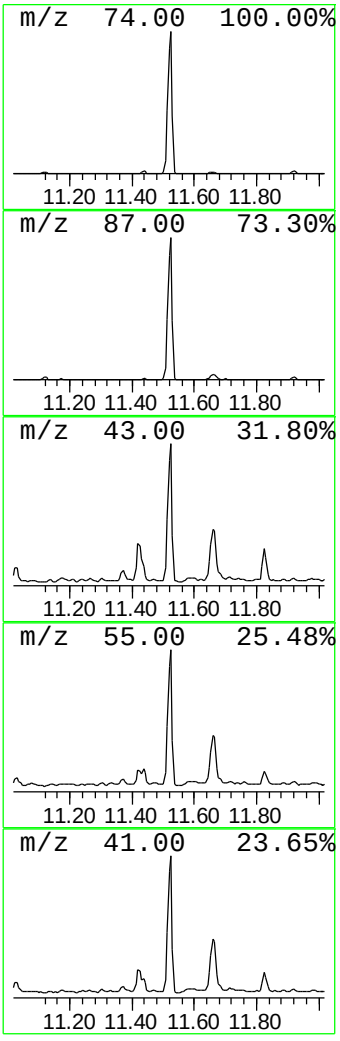
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	83.67 ng	7325930	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	95
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	83





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Misc :
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Instrument : BNA_F
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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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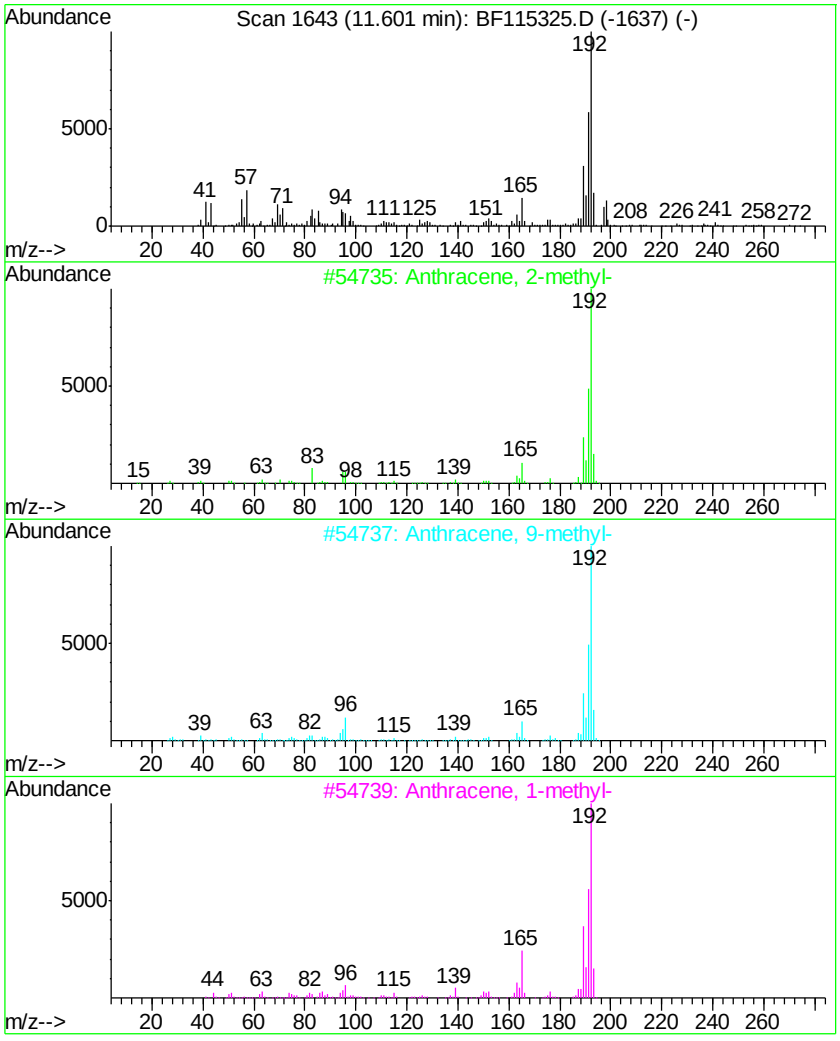
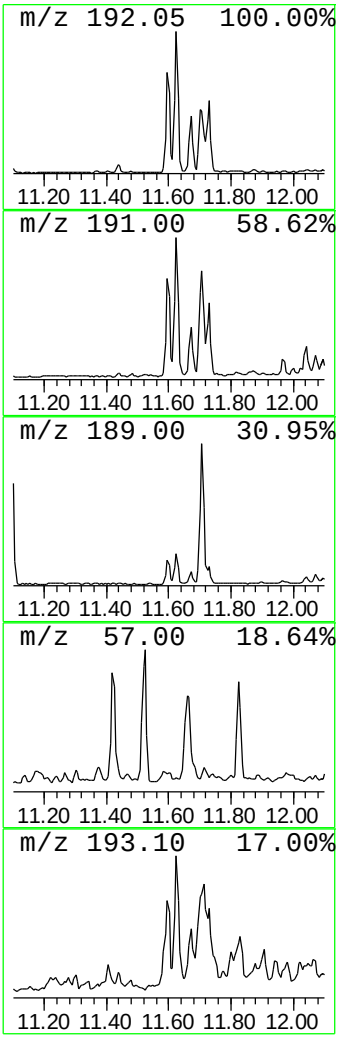
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	6.78 ng	593462	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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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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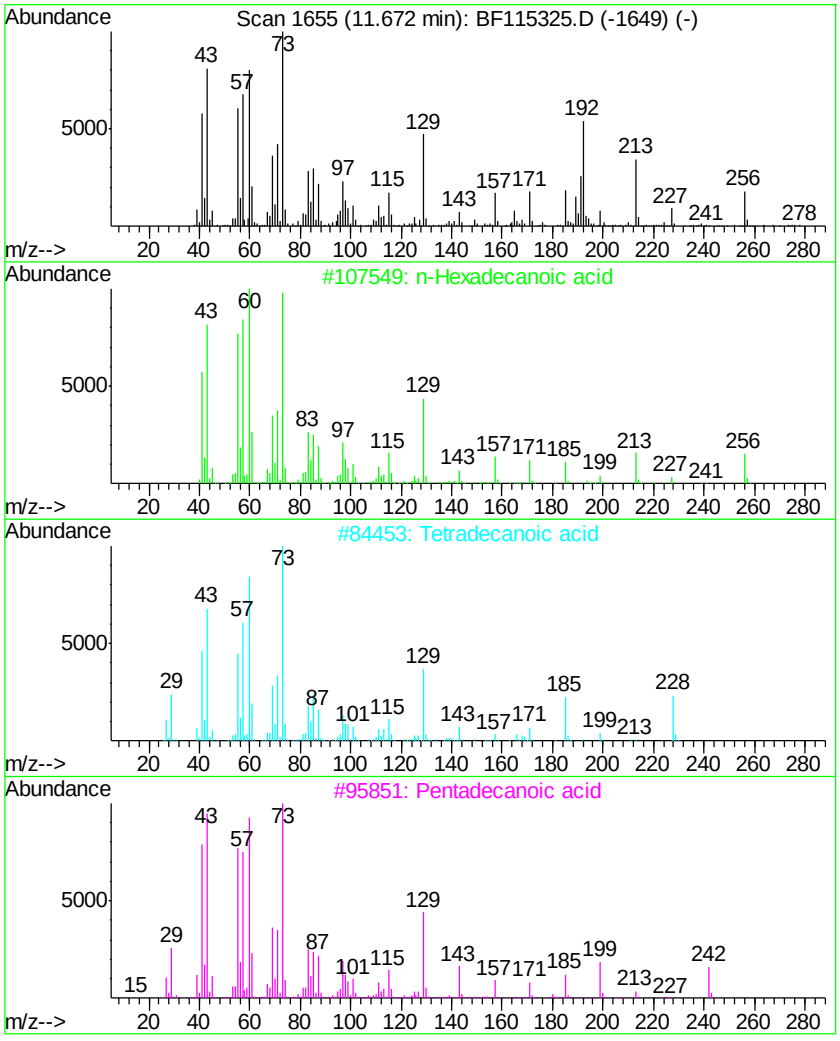
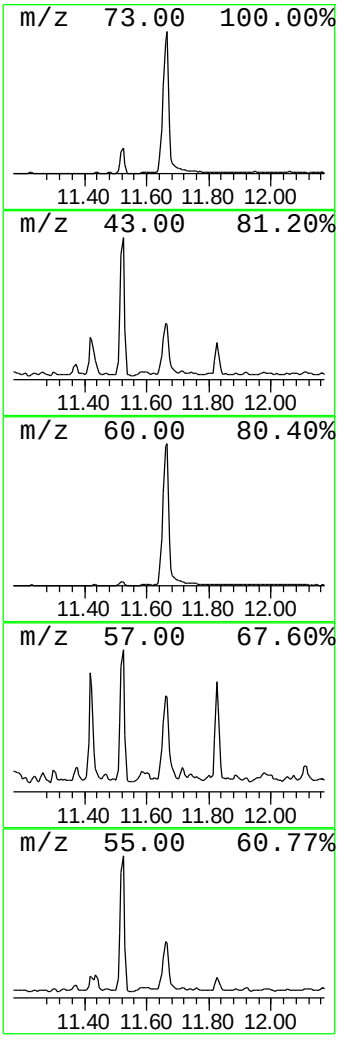
Peak Number 11 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	33.79 ng	2958520	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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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Misc :
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Instrument : BNA_F
ClientSampleId : EO-01-062819-A

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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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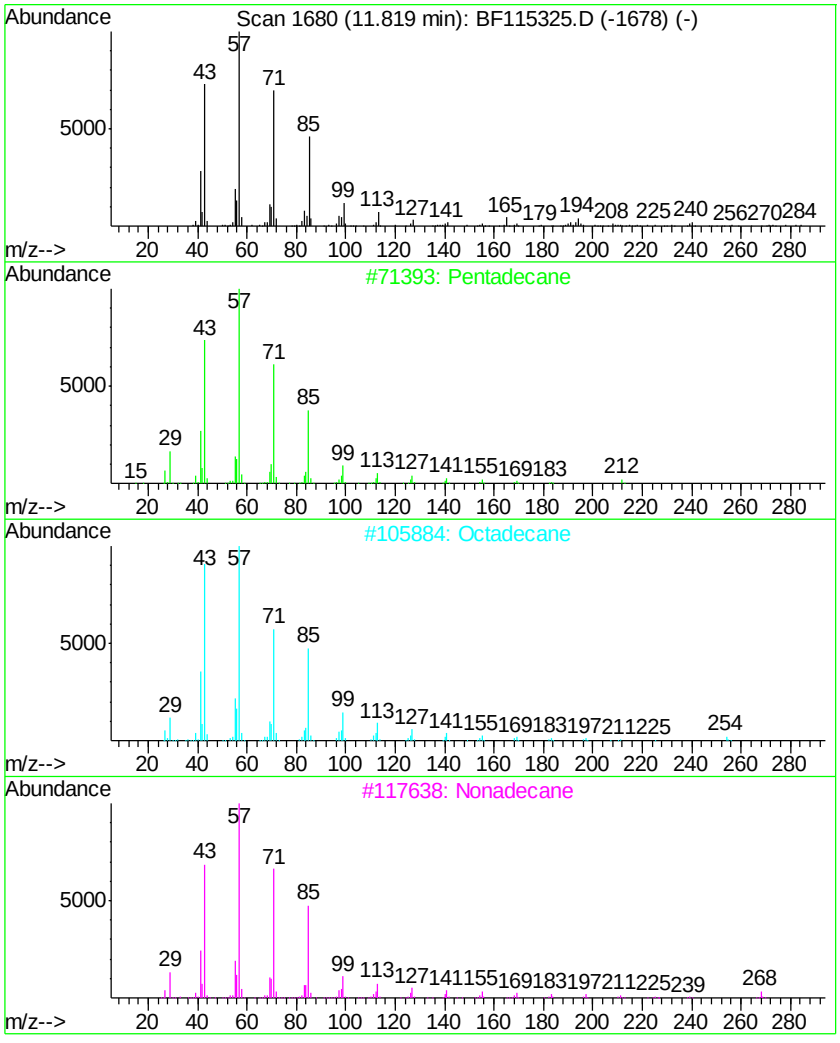
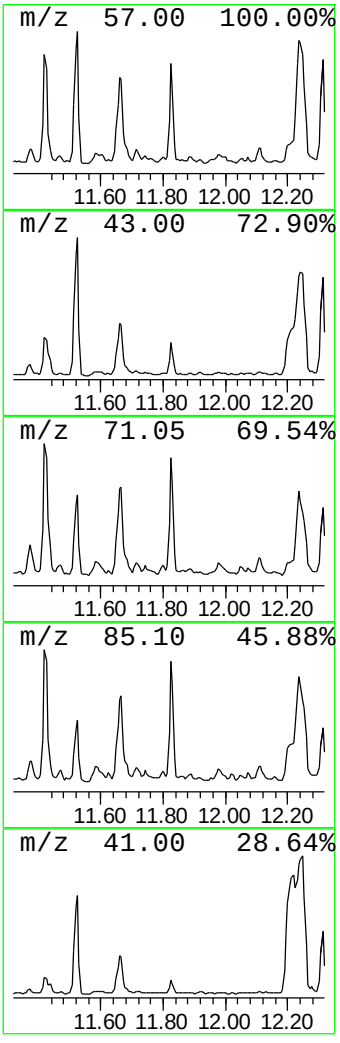
Peak Number 12 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	8.80 ng	770723	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Octadecane	254	C18H38	000593-45-3	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane	240	C17H36	000629-78-7	89





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Sample : K3160-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId : EO-01-062819-A

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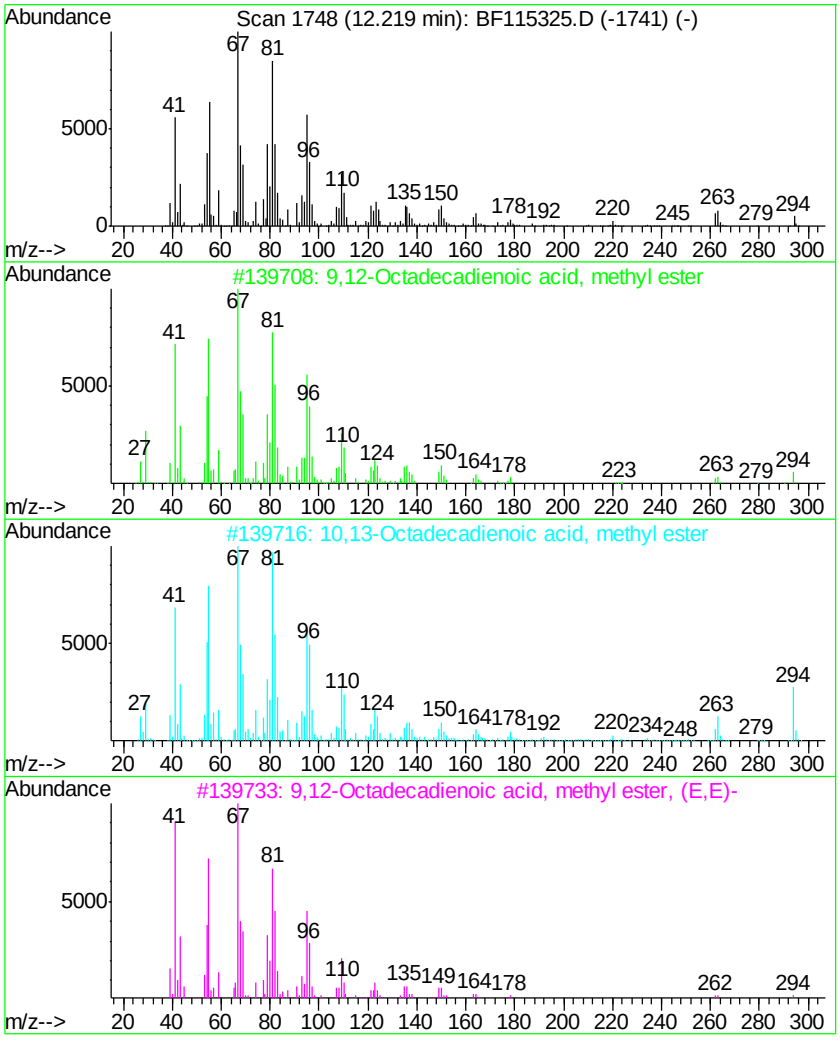
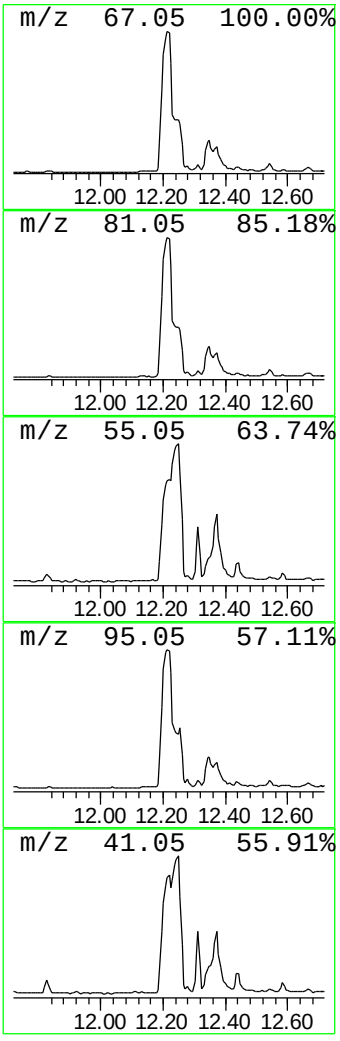
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	185.53 ng	16245100	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





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Sample : K3160-07 2X
Misc :
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Instrument : BNA_F
ClientSampleId : EO-01-062819-A

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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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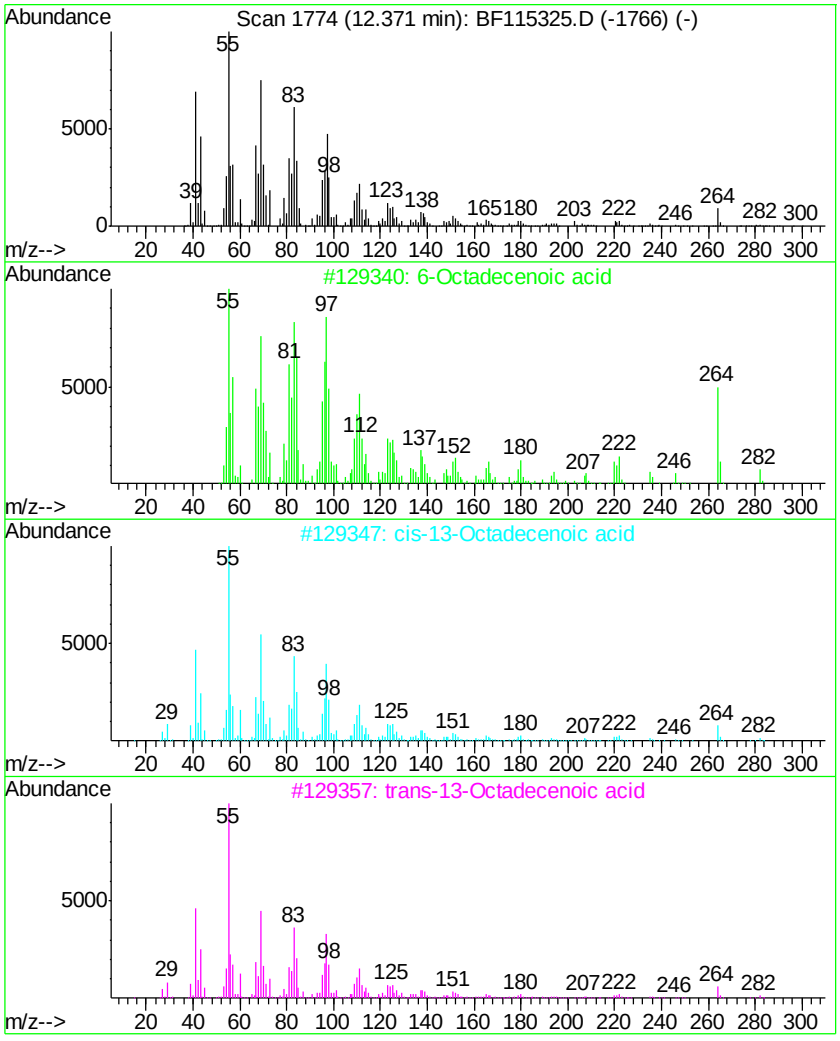
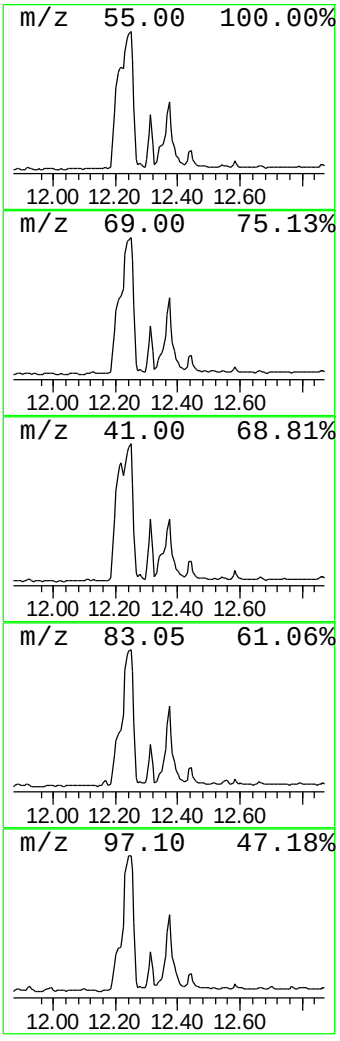
Peak Number 14 6-Octadecenoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	81.98 ng	7178240	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	96
2	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	90
3	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	89
4	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	86
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	83





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Misc :
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Instrument : BNA_F
ClientSampleId : EO-01-062819-A

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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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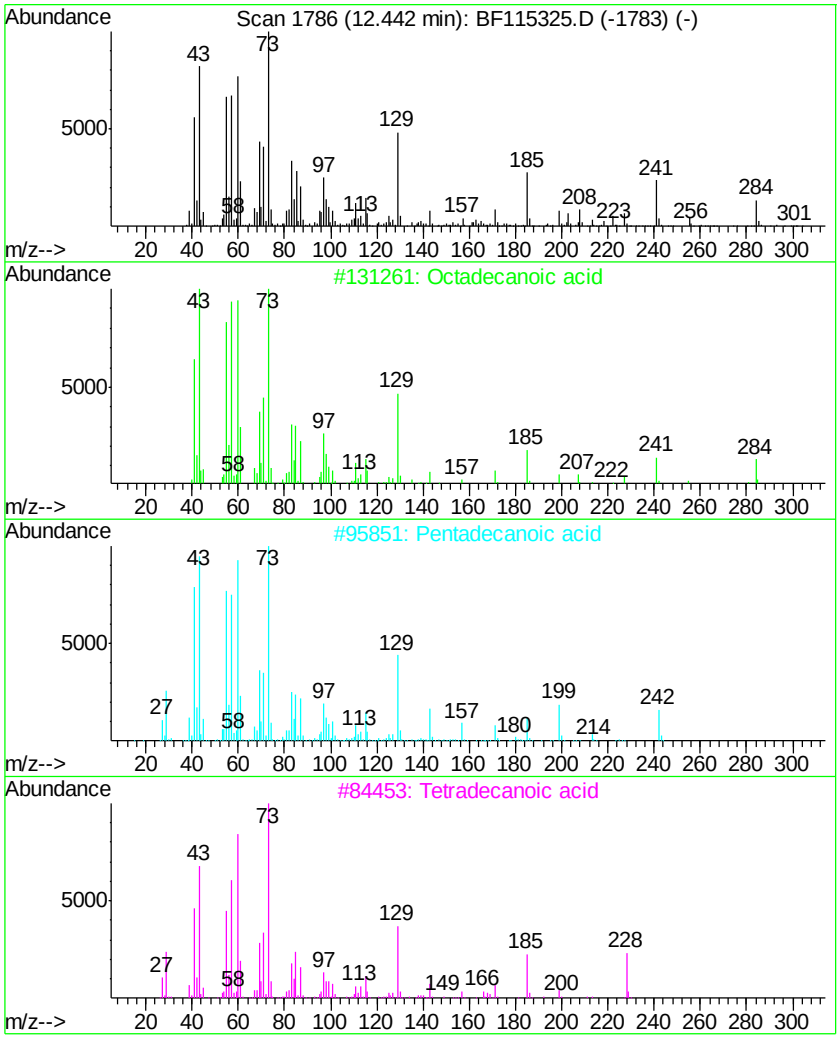
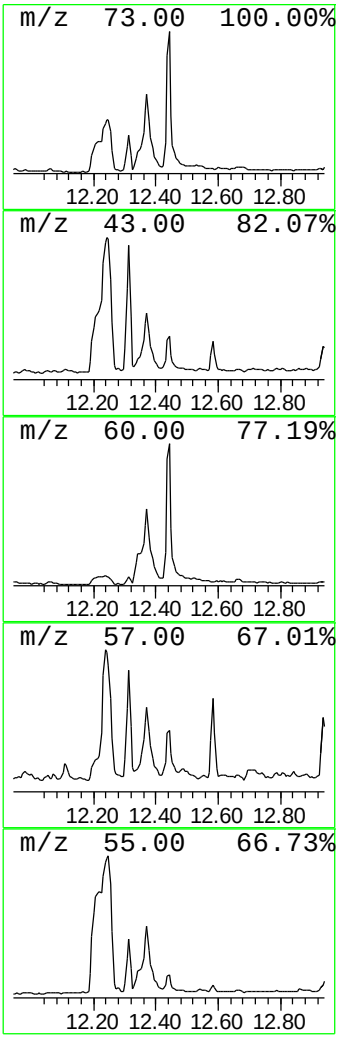
Peak Number 15 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	6.99 ng	1289220	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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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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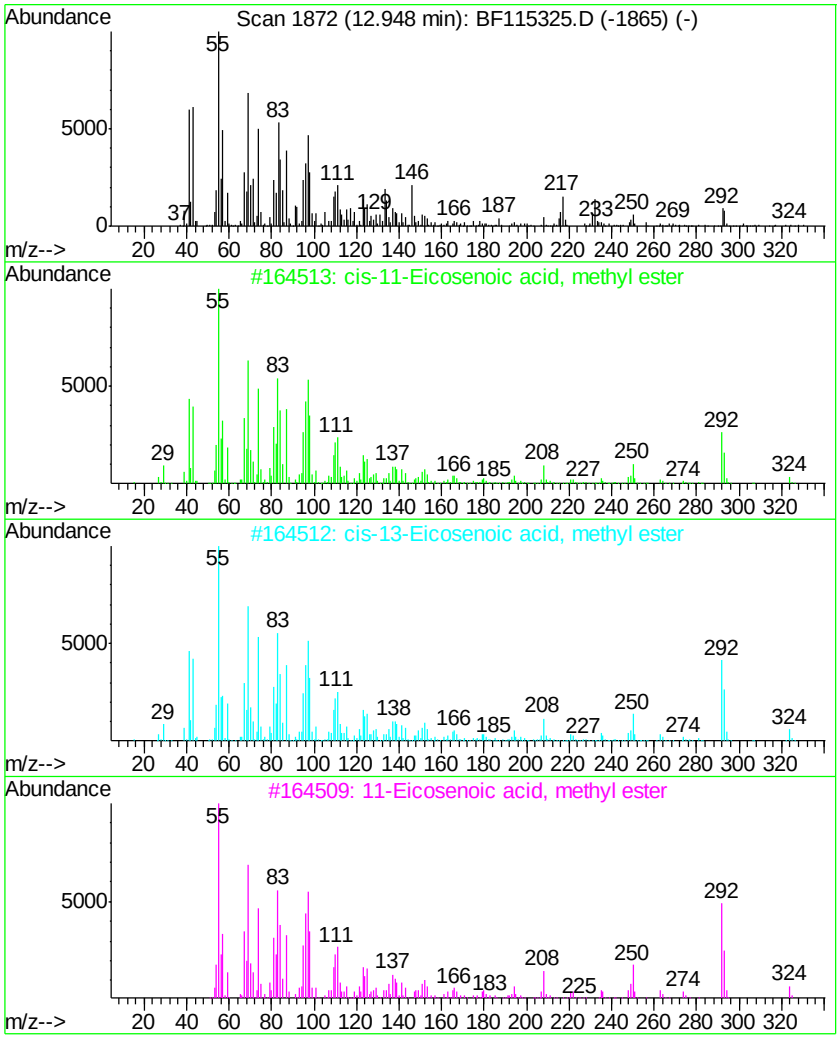
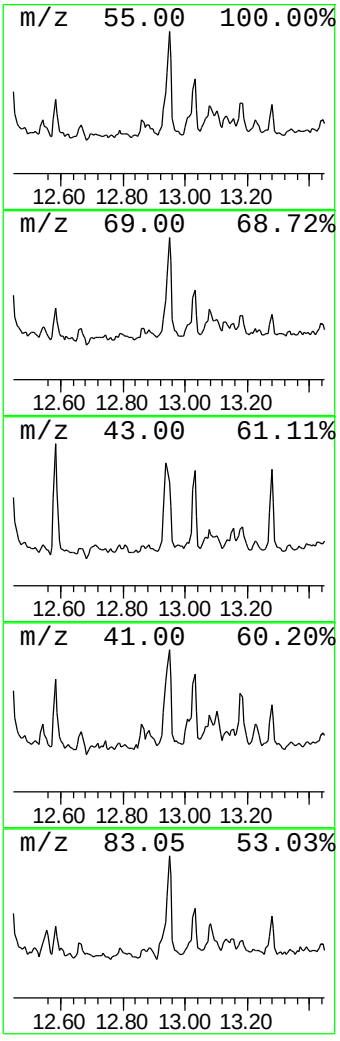
Peak Number 16 cis-11-Eicosenoic acid, met... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	11.87 ng	2189260	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	95
2	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	95
3	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	83
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	78
5	Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	76





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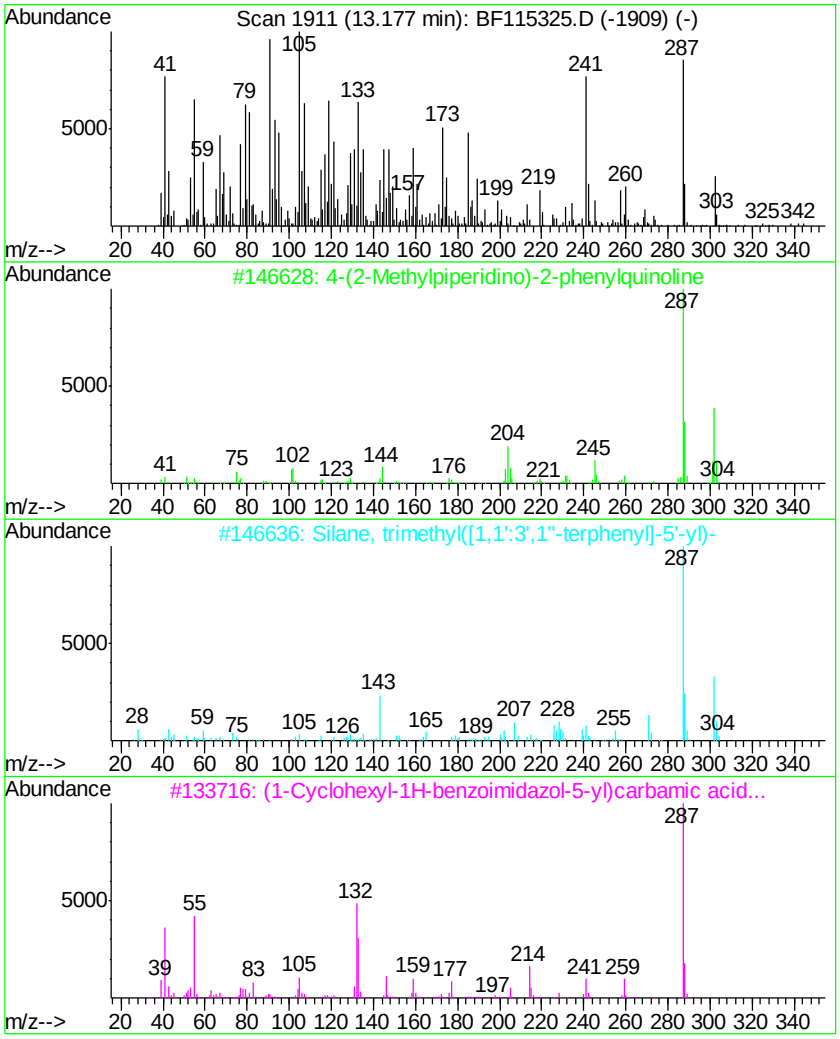
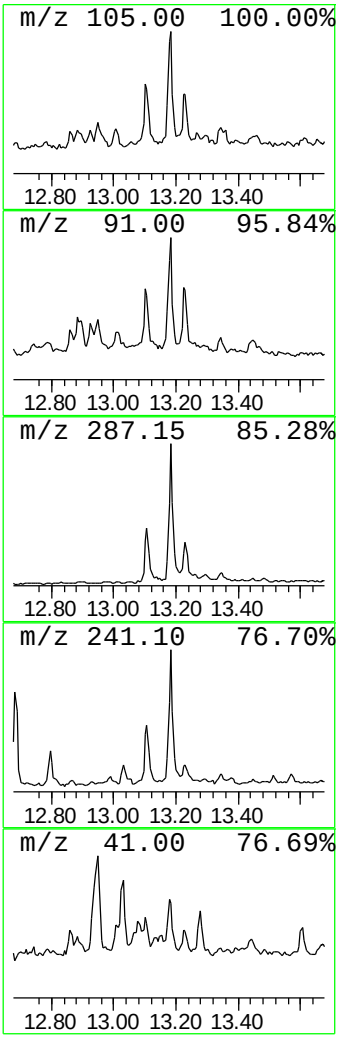
Peak Number 17 unknown13.18 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	5.58 ng	1029470	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(2-Methylpiperidino)-2-phenylq...	302	C21H22N2	1000326-78-3	25
2	Silane, trimethyl([1,1':3',1''-t...	302	C21H22Si	128388-53-4	18
3	(1-Cyclohexyl-1H-benzoimidazol-5...	287	C16H21N3O2	1000310-00-5	18
4	Benzenamine, 4-methyl-N,N-bis(4-...	287	C21H21N	1000327-28-1	15
5	2-(4-Chloro-phenyl)-8-methyl-ind...	241	C15H12ClN	1000337-21-4	15





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

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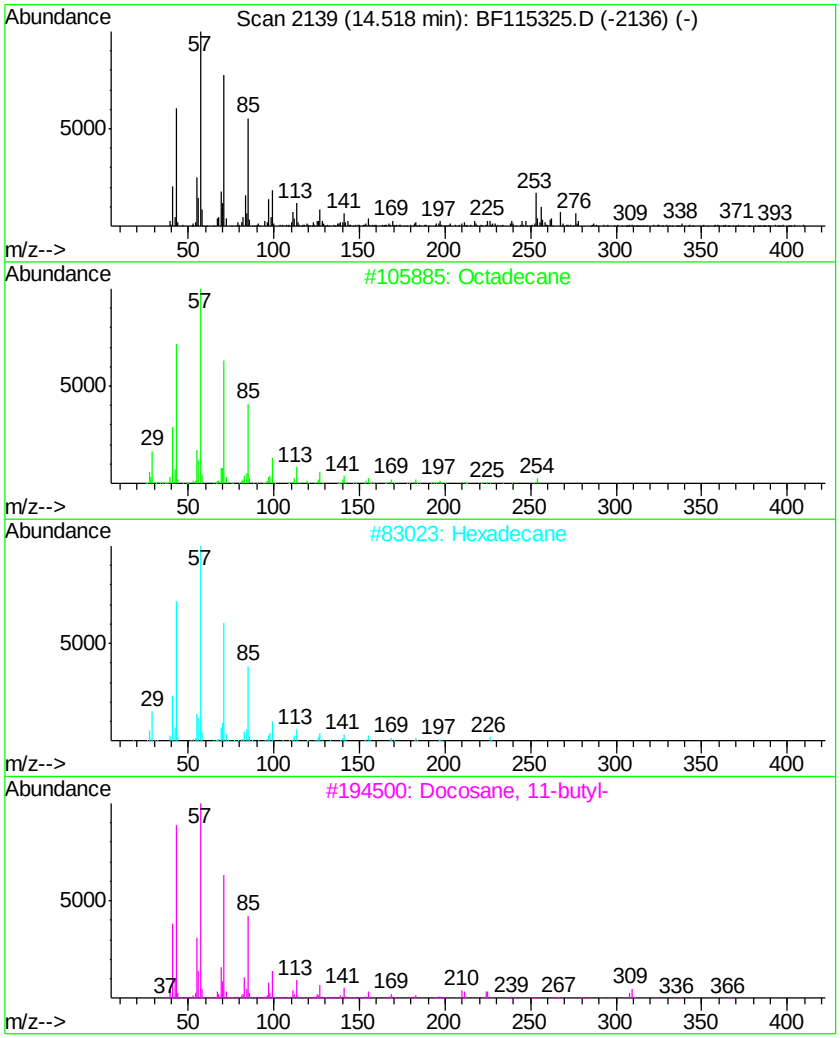
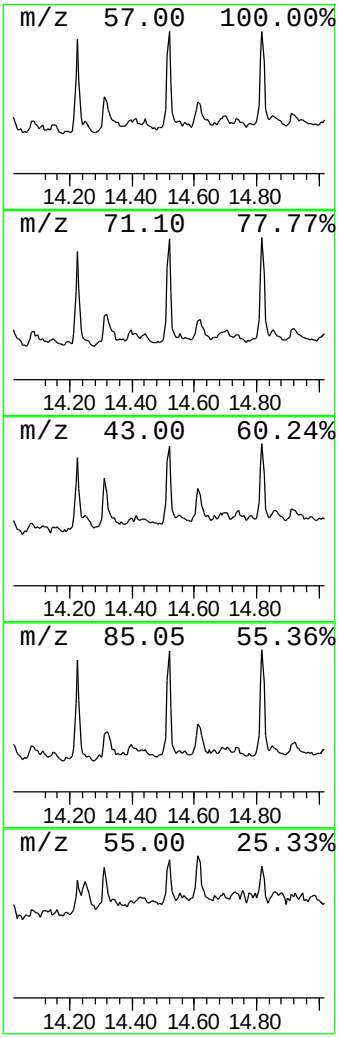
Peak Number 18 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	11.82 ng	569714	Perylene-d12	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Hexadecane	226	C16H34	000544-76-3	96
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4	Tetracosane	338	C24H50	000646-31-1	93
5	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	90





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Acq On : 29 Jun 2019 16:13
Operator : HP/JU
Sample : K3160-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

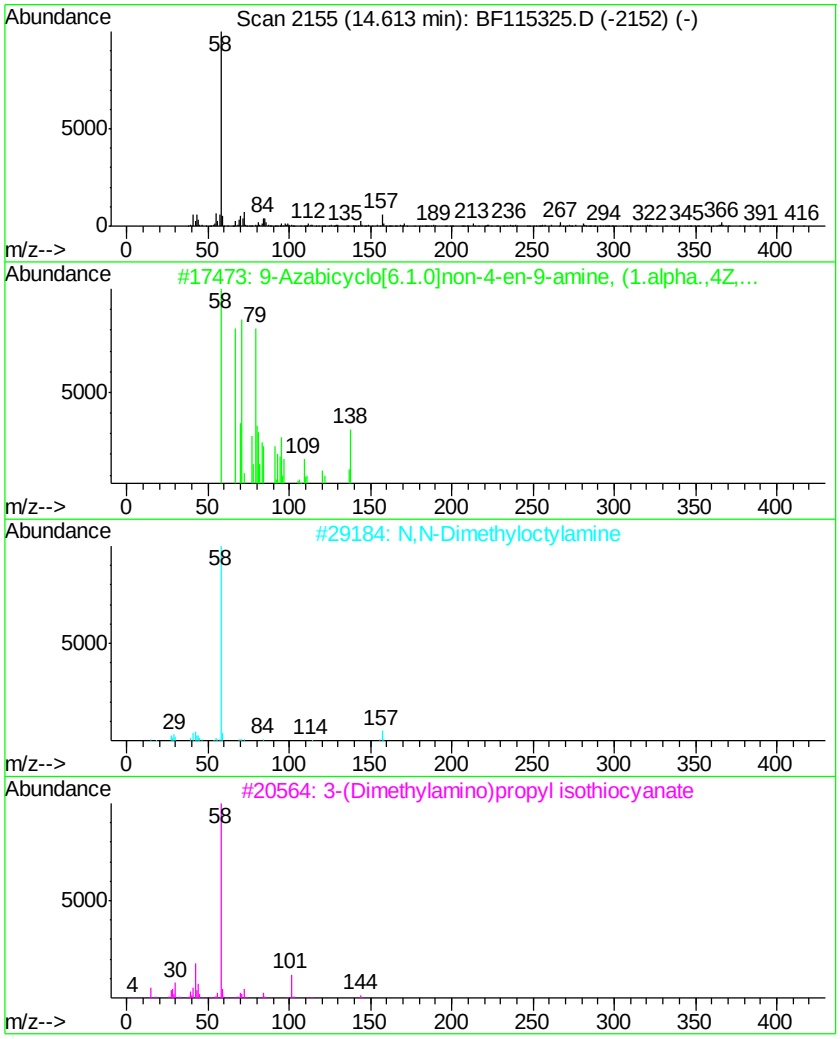
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

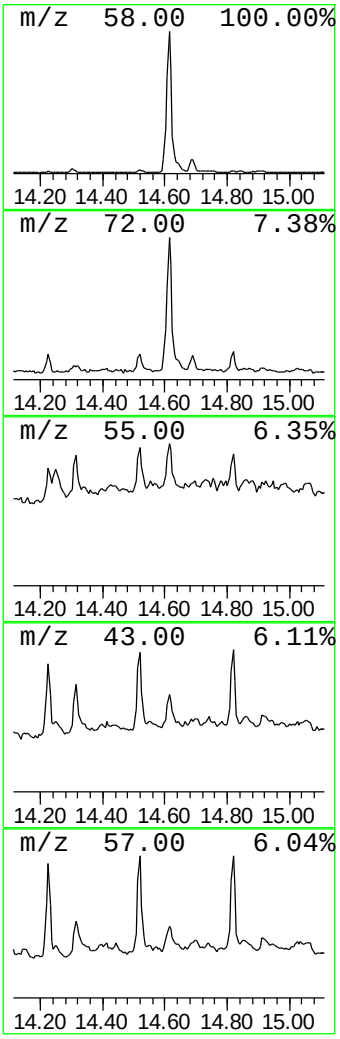
****

Peak Number 19 9-Azabicyclo[6.1.0]non-4-en... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	18.75 ng	903482	Perylene-d12	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Azabicyclo[6.1.0]non-4-en-9-am...	138	C8H14N2	066387-78-8	70
2	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
3	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	64
4	Undecanal, 2-methyl-	184	C12H24O	000110-41-8	59
5	3-Hexanamine, 3-ethyl-	129	C8H19N	056667-17-5	59





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115325.D
Acq On : 29 Jun 2019 16:13
Operator : HP/JU
Sample : K3160-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

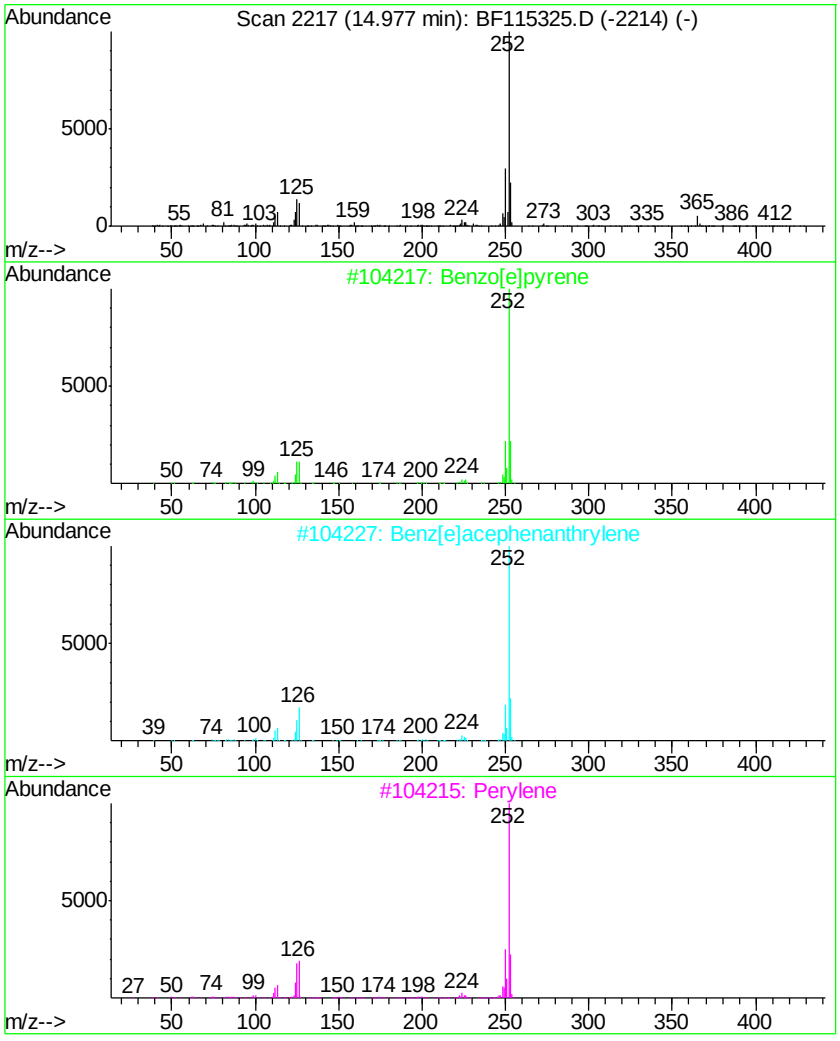
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

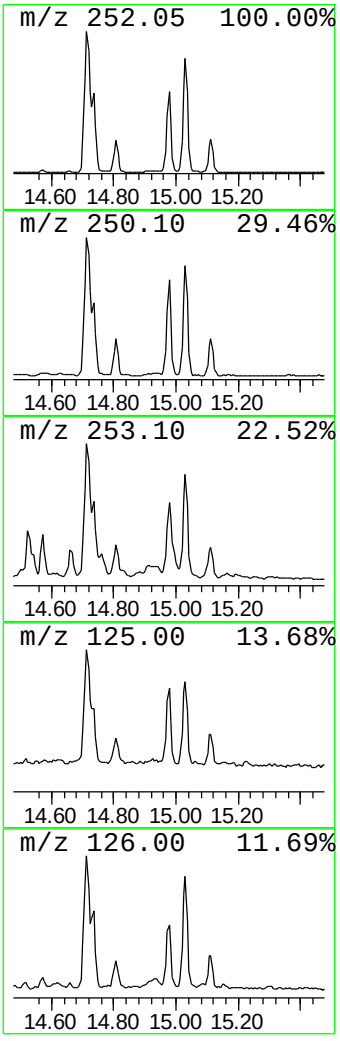
****

Peak Number 20 Benz[e]acephenanthrylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	13.63 ng	656934	Perylene-d12	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	92





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115325.D
Acq On : 29 Jun 2019 16:13
Operator : HP/JU
Sample : K3160-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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
unknown6.36	6.36	35.6	ng	1894460	1	6.60	1063400	20.0
Hexadecane	10.08	6.9	ng	640375	3	9.62	1860910	20.0
Hexacosane	10.30	5.7	ng	530355	3	9.62	1860910	20.0
Tridecane, 7-propyl-	10.55	14.2	ng	1246100	4	11.10	1751220	20.0
Tetradecane	11.00	10.4	ng	907293	4	11.10	1751220	20.0
Decane, 3,7-dimet...	11.02	6.1	ng	535468	4	11.10	1751220	20.0
Tetradecane, 4-et...	11.42	16.6	ng	1453130	4	11.10	1751220	20.0
Hexadecanoic acid...	11.52	83.7	ng	7325930	4	11.10	1751220	20.0
Anthracene, 2-met...	11.60	6.8	ng	593462	4	11.10	1751220	20.0
n-Hexadecanoic acid	11.67	33.8	ng	2958520	4	11.10	1751220	20.0
Pentadecane	11.82	8.8	ng	770723	4	11.10	1751220	20.0
9,12-Octadecadien...	12.22	185.5	ng	16245100	4	11.10	1751220	20.0
6-Octadecenoic acid	12.37	82.0	ng	7178240	4	11.10	1751220	20.0
Octadecanoic acid	12.44	7.0	ng	1289220	5	13.72	3688630	20.0
cis-11-Eicosenoic...	12.95	11.9	ng	2189260	5	13.72	3688630	20.0
unknown13.18	13.18	5.6	ng	1029470	5	13.72	3688630	20.0
Octadecane	14.52	11.8	ng	569714	6	15.08	963970	20.0
9-Azabicyclo[6.1....	14.61	18.8	ng	903482	6	15.08	963970	20.0
Benz[e]acephenant...	14.98	13.6	ng	656934	6	15.08	963970	20.0