LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114244.D
Acq On : 13 May 2019 21:55
Operator : JU/SJ
Sample : K2807-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-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-BF051019.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	5.498	575	580	595	rBV	4438210	4675341	96.87%	8.141%
2	6.510	747	752	755	rBV	4923788	4826642	100.00%	8.405%
3	6.634	769	773	777	rBV	5081438	4731986	98.04%	8.240%
4	6.692	779	783	786	rVB2	61779	57388	1.19%	0.100%
5	6.857	807	811	818	rVB	1653896	1345710	27.88%	2.343%
6	7.016	834	838	841	rBV	3973943	3547024	73.49%	6.176%
7	7.416	902	906	909	rBV	3194410	2952337	61.17%	5.141%
8	7.880	982	985	991	rBV6	33058	52471	1.09%	0.091%
9	8.139	1023	1029	1032	rBV	1788415	1765060	36.57%	3.073%
10	8.198	1036	1039	1041	rVB	63086	65693	1.36%	0.114%
11	8.428	1073	1078	1082	rBV5	52067	65409	1.36%	0.114%
12	8.557	1097	1100	1102	rBV	81549	67547	1.40%	0.118%
13	8.639	1111	1114	1117	rBV2	57884	53776	1.11%	0.094%
14	8.727	1126	1129	1133	rBV	158558	139505	2.89%	0.243%
15	8.851	1148	1150	1154	rVB	65957	54427	1.13%	0.095%
16	8.957	1163	1168	1170	rBV2	80569	90115	1.87%	0.157%
17	9.086	1186	1190	1194	rBV6	41125	65921	1.37%	0.115%
18	9.157	1199	1202	1207	rBV3	89565	98038	2.03%	0.171%
19	9.210	1207	1211	1214	rBV	5374909	4632863	95.99%	8.067%
20	9.292	1221	1225	1227	rBV	182701	178837	3.71%	0.311%
21	9.480	1252	1257	1260	rBV4	52018	66522	1.38%	0.116%
22	9.545	1265	1268	1271	rVV	113851	113535	2.35%	0.198%
23	9.604	1275	1278	1281	rVV	616188	613782	12.72%	1.069%
24	9.669	1286	1289	1293	rVB2	79253	69762	1.45%	0.121%
25	9.751	1298	1303	1307	rBV2	123854	171164	3.55%	0.298%
26	9.816	1309	1314	1319	rVV	186306	212162	4.40%	0.369%
27	9.892	1323	1327	1330	rVV	1992735	1748290	36.22%	3.044%
28	9.922	1330	1332	1337	rVV	259528	250060	5.18%	0.435%
29	9.992	1341	1344	1349	rBV3	44277	60554	1.25%	0.105%
30	10.051	1349	1354	1356	rBV4	52230	72537	1.50%	0.126%
31	10.092	1356	1361	1366	rVB	142548	184837	3.83%	0.322%
32	10.133	1366	1368	1373	rBV3	64119	84335	1.75%	0.147%
33	10.210	1378	1381	1383	rBV2	56571	65910	1.37%	0.115%
34	10.316	1397	1399	1402	rVB	234400	178003	3.69%	0.310%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
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Acq On : 13 May 2019 21:55
Operator : JU/SJ
Sample : K2807-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.439	1416	1420	1426	rVB	234868	226936	4.70%	0.395%
36	10.539	1432	1437	1442	rVB	100824	144626	3.00%	0.252%
37	10.680	1458	1461	1472	rVB	2896327	2734846	56.66%	4.762%
38	10.792	1477	1480	1481	rBV	196946	207564	4.30%	0.361%
39	10.986	1509	1513	1516	rBV3	54952	71653	1.48%	0.125%
40	11.239	1552	1556	1558	rBV	177084	177933	3.69%	0.310%
41	11.269	1558	1561	1567	rVB2	174669	209830	4.35%	0.365%
42	11.374	1576	1579	1581	rBV	1636883	1524441	31.58%	2.654%
43	11.398	1581	1583	1587	rVV	1307459	1144004	23.70%	1.992%
44	11.451	1589	1592	1595	rVB	370149	315386	6.53%	0.549%
45	11.610	1616	1619	1624	rBV	127526	135375	2.80%	0.236%
46	11.663	1626	1628	1632	rVB2	163897	130850	2.71%	0.228%
47	11.763	1642	1645	1648	rVB	127030	103178	2.14%	0.180%
48	11.880	1661	1665	1666	rBV	128755	134105	2.78%	0.234%
49	11.904	1666	1669	1675	rVB2	414612	483041	10.01%	0.841%
50	11.957	1675	1678	1680	rBV	79161	63370	1.31%	0.110%
51	11.992	1680	1684	1686	rBV	341988	310148	6.43%	0.540%
52	12.068	1694	1697	1702	rVB	199262	177619	3.68%	0.309%
53	12.168	1713	1714	1717	rVB	92153	71609	1.48%	0.125%
54	12.316	1737	1739	1743	rVB2	89693	92002	1.91%	0.160%
55	12.357	1743	1746	1747	rBV2	63457	62400	1.29%	0.109%
56	12.427	1755	1758	1759	rBV2	85045	80214	1.66%	0.140%
57	12.445	1759	1761	1763	rVV	250408	269811	5.59%	0.470%
58	12.468	1763	1765	1767	rVB2	447280	348232	7.21%	0.606%
59	12.551	1777	1779	1782	rBV	97799	79468	1.65%	0.138%
60	12.592	1782	1786	1789	rBV	1945647	1613181	33.42%	2.809%
61	12.686	1799	1802	1806	rBV2	143406	177862	3.69%	0.310%
62	12.745	1809	1812	1814	rVV2	60003	63407	1.31%	0.110%
63	12.821	1819	1825	1831	rBV	1664607	1865792	38.66%	3.249%
64	12.957	1842	1848	1851	rBV	3627707	3658045	75.79%	6.370%
65	13.151	1878	1881	1884	rVB	187863	173415	3.59%	0.302%
66	13.215	1889	1892	1894	rVV	218487	187825	3.89%	0.327%
67	13.262	1896	1900	1905	rVB4	236082	309369	6.41%	0.539%
68	13.374	1917	1919	1922	rBV2	88002	90839	1.88%	0.158%
69	13.427	1926	1928	1931	rBV	162552	140444	2.91%	0.245%
70	13.768	1984	1986	1988	rBV	112558	77475	1.61%	0.135%
71	13.857	1998	2001	2006	rVB2	357664	416763	8.63%	0.726%

LSC Area Percent Report

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Data File : BF114244.D
Acq On : 13 May 2019 21:55
Operator : JU/SJ
Sample : K2807-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.021	2024	2029	2031	rBV2	1712154	2066796	42.82%	3.599%
73	14.045	2031	2033	2036	rVB	679495	529094	10.96%	0.921%
74	14.486	2105	2108	2115	rBV4	280707	481436	9.97%	0.838%
75	15.074	2205	2208	2215	rBV	473122	767875	15.91%	1.337%
76	15.133	2215	2218	2221	rVB	311768	322829	6.69%	0.562%
77	15.445	2268	2271	2275	rVB	433357	496954	10.30%	0.865%
78	15.509	2278	2282	2286	rVV	1040539	1333261	27.62%	2.322%

Sum of corrected areas: 57428846

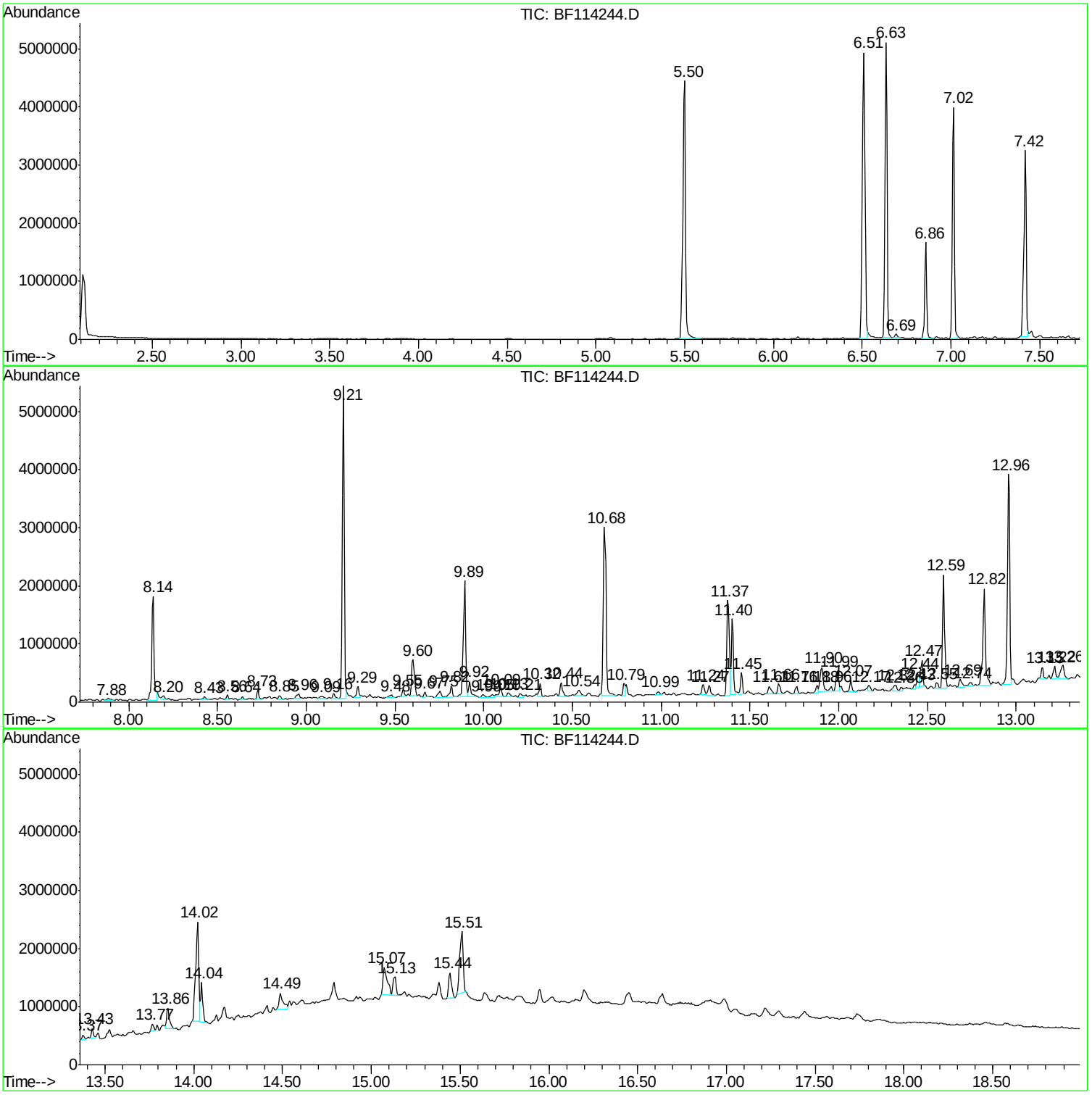
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114244.D
Acq On : 13 May 2019 21:55
Operator : JU/SJ
Sample : K2807-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114244.D
Acq On : 13 May 2019 21:55
Operator : JU/SJ
Sample : K2807-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

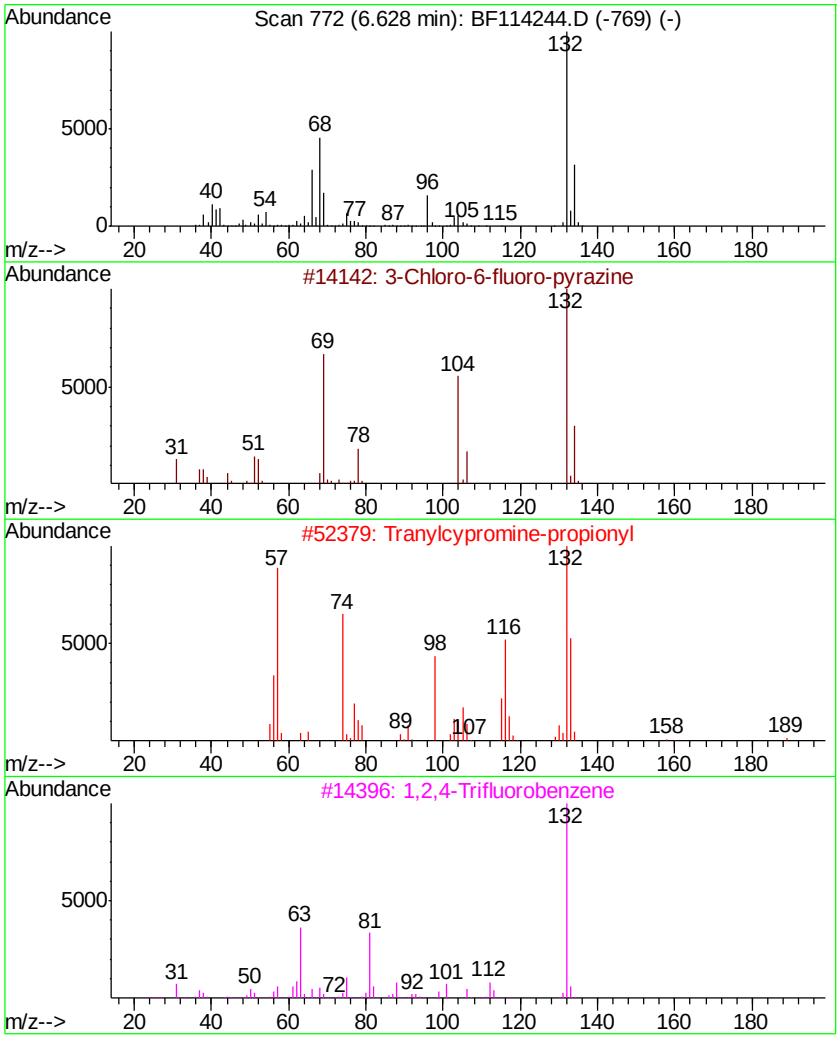
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

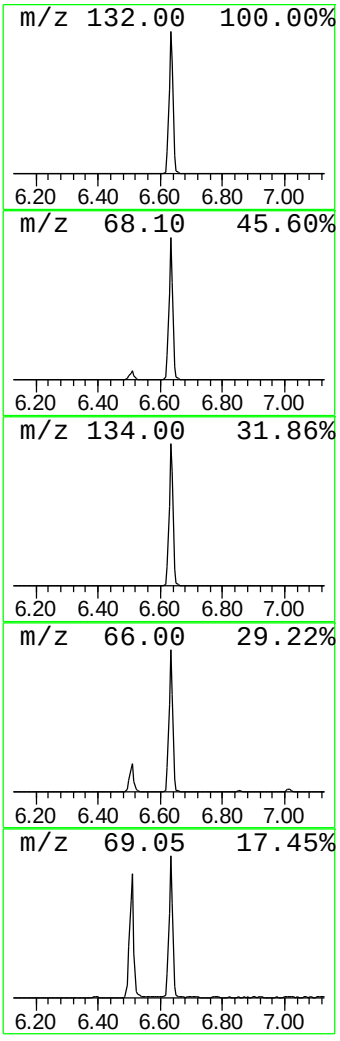
****

Peak Number 1 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	70.33 ng	4731990	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Data File : BF114244.D
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Sample : K2807-03
Misc :
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Instrument : BNA_F
ClientSampleId : FK-GF-02-039-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

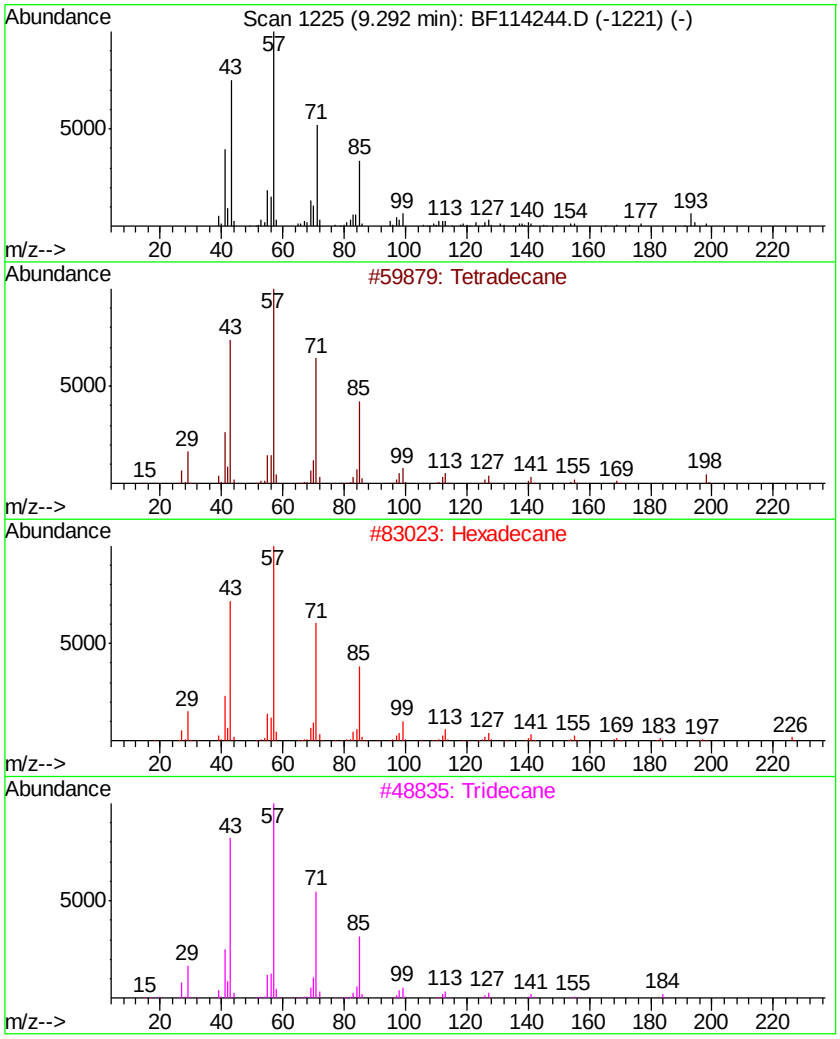
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

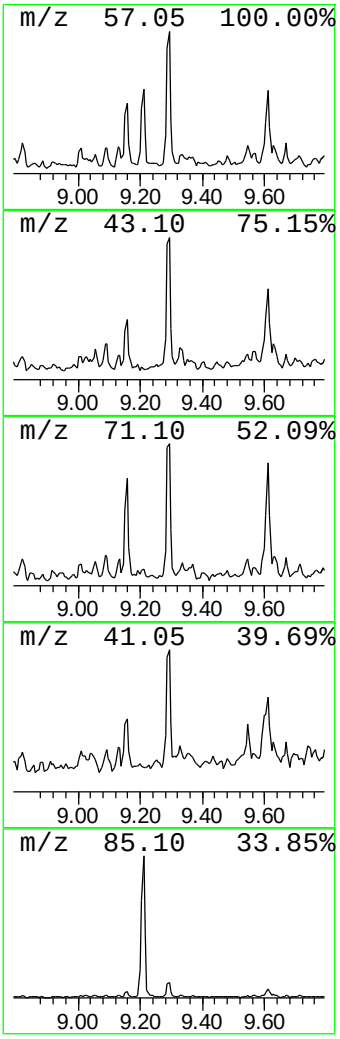
****

Peak Number 3 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	2.05 ng	178837	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Hexadecane	226	C16H34	000544-76-3	80
3	Tridecane	184	C13H28	000629-50-5	80
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114244.D
Acq On : 13 May 2019 21:55
Operator : JU/SJ
Sample : K2807-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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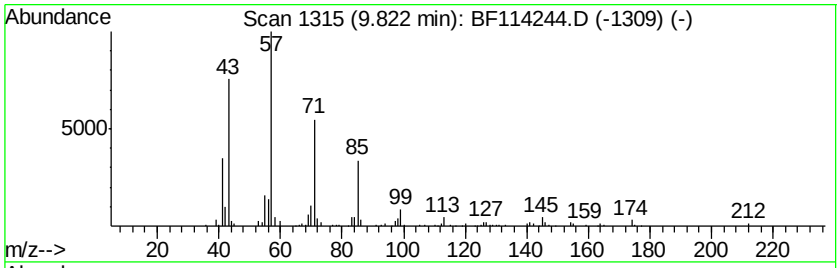
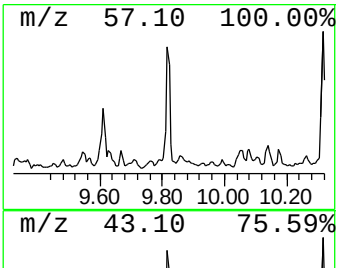
****

Peak Number 4 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.43 ng	212162	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	83
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Pentadecane	212	C15H32	000629-62-9	72





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Misc :
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Instrument : BNA_F
ClientSampleId : FK-GF-02-039-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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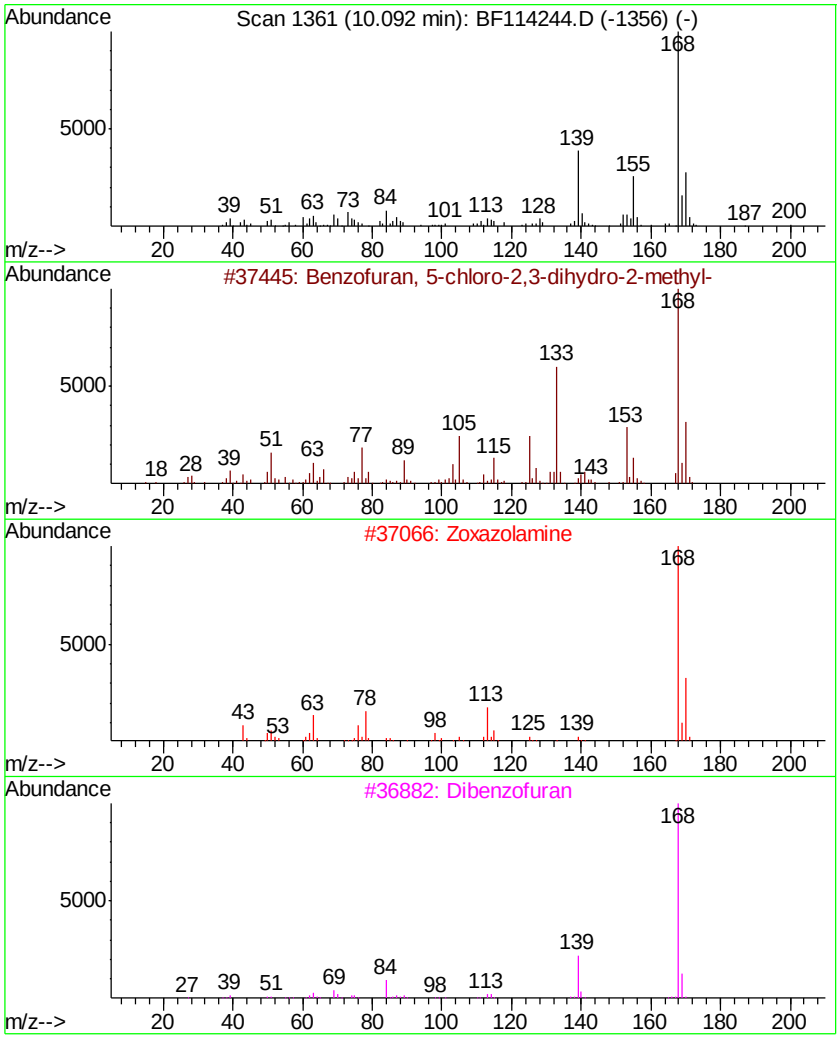
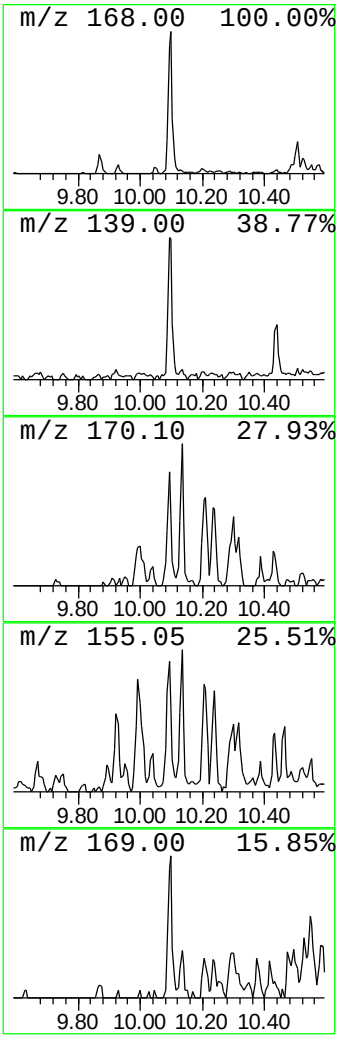
Peak Number 5 Benzofuran, 5-chloro-2,3-di... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	2.11 ng	184837	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 5-chloro-2,3-dihydro...	168	C9H9ClO	054410-96-7	50
2	Zoxazolamine	168	C7H5ClN2O	000061-80-3	47
3	Dibenzofuran	168	C12H8O	000132-64-9	46
4	Quinoline-4-carbonitrile, 2-methyl-	168	C11H8N2	1000317-19-2	38
5	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	38





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Data File : BF114244.D
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Operator : JU/SJ
Sample : K2807-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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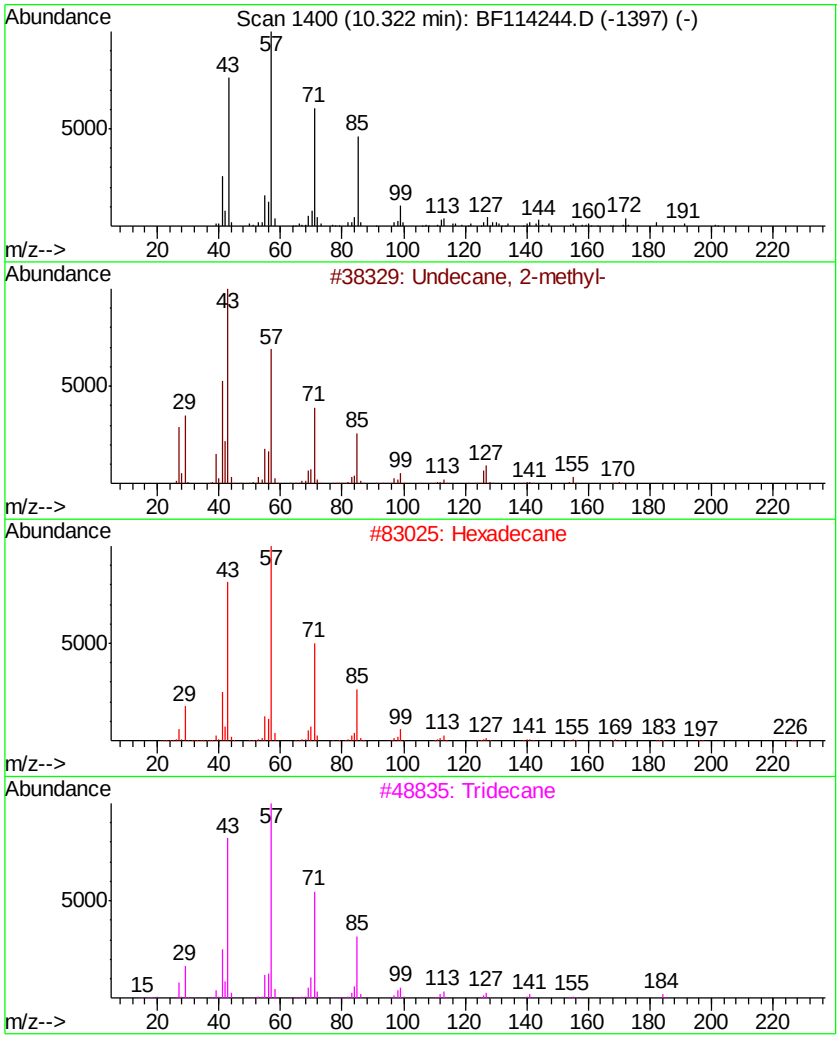
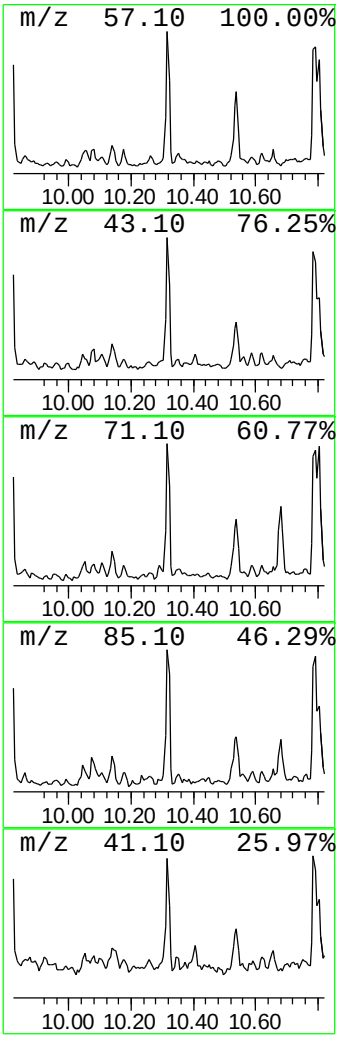
Peak Number 6 Undecane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.04 ng	178003	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tridecane	184	C13H28	000629-50-5	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Tetradecane	198	C14H30	000629-59-4	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114244.D
Acq On : 13 May 2019 21:55
Operator : JU/SJ
Sample : K2807-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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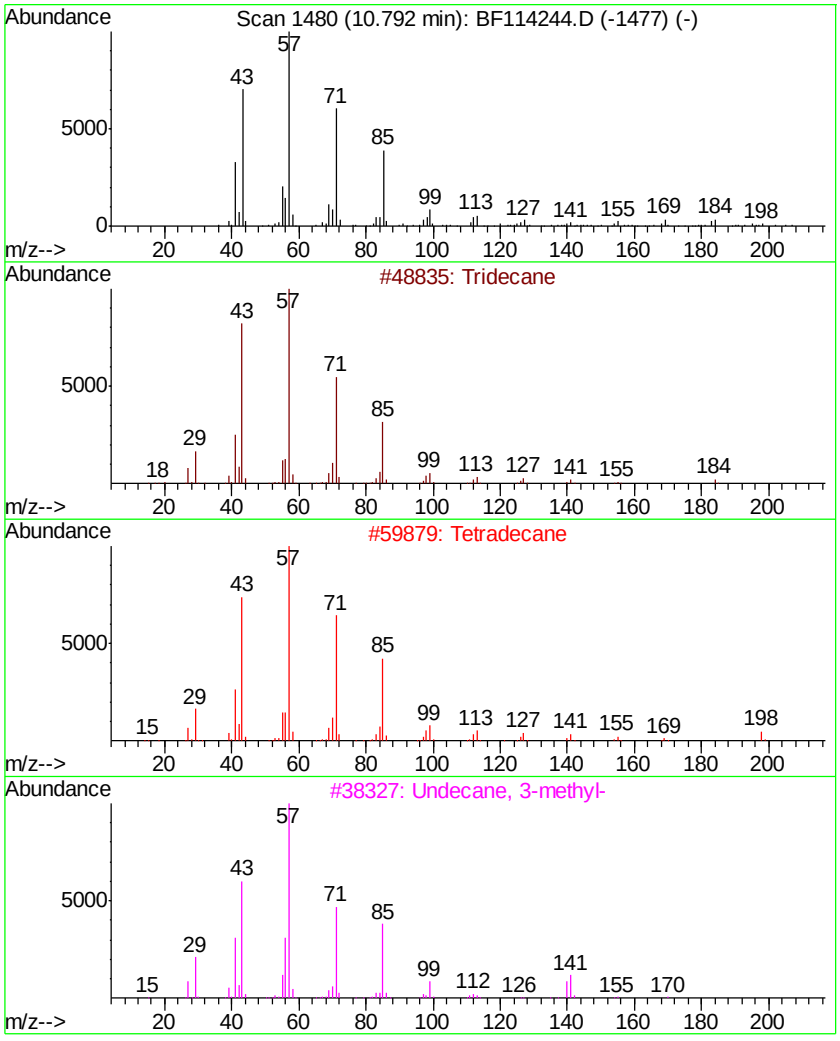
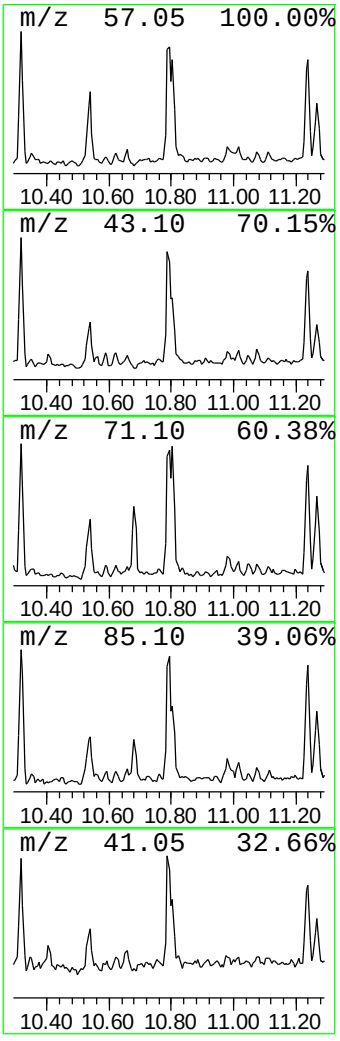
Peak Number 7 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	2.72 ng	207564	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tetradecane	198	C14H30	000629-59-4	87
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	86
4	Hexadecane	226	C16H34	000544-76-3	83
5	Eicosane	282	C20H42	000112-95-8	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114244.D
Acq On : 13 May 2019 21:55
Operator : JU/SJ
Sample : K2807-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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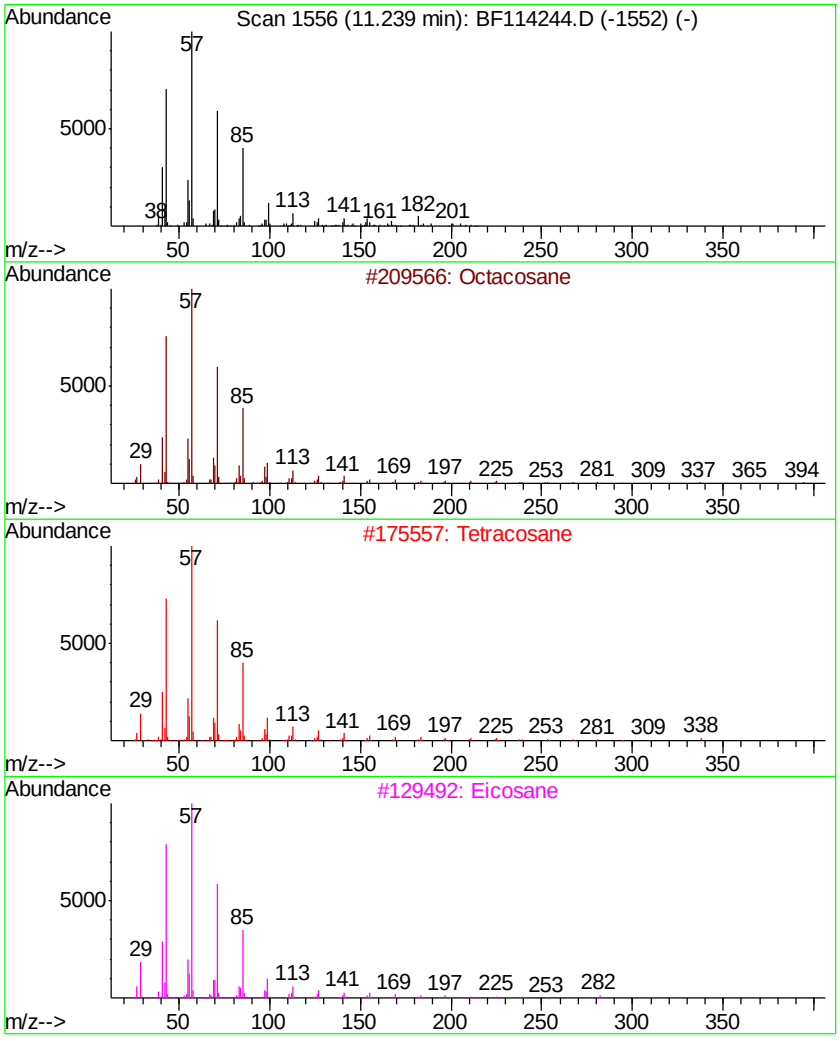
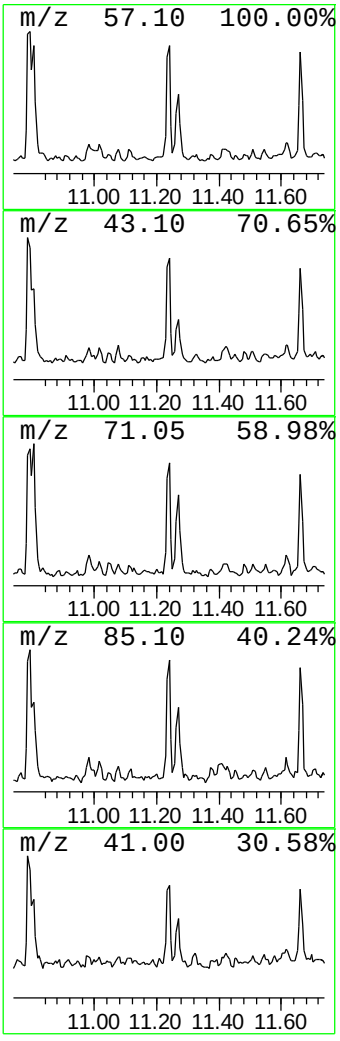
Peak Number 8 Octacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	2.33 ng	177933	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Tetracosane	338	C24H50	000646-31-1	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Tetratetracontane	619	C44H90	007098-22-8	86
5	Pentadecane	212	C15H32	000629-62-9	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114244.D
Acq On : 13 May 2019 21:55
Operator : JU/SJ
Sample : K2807-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-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

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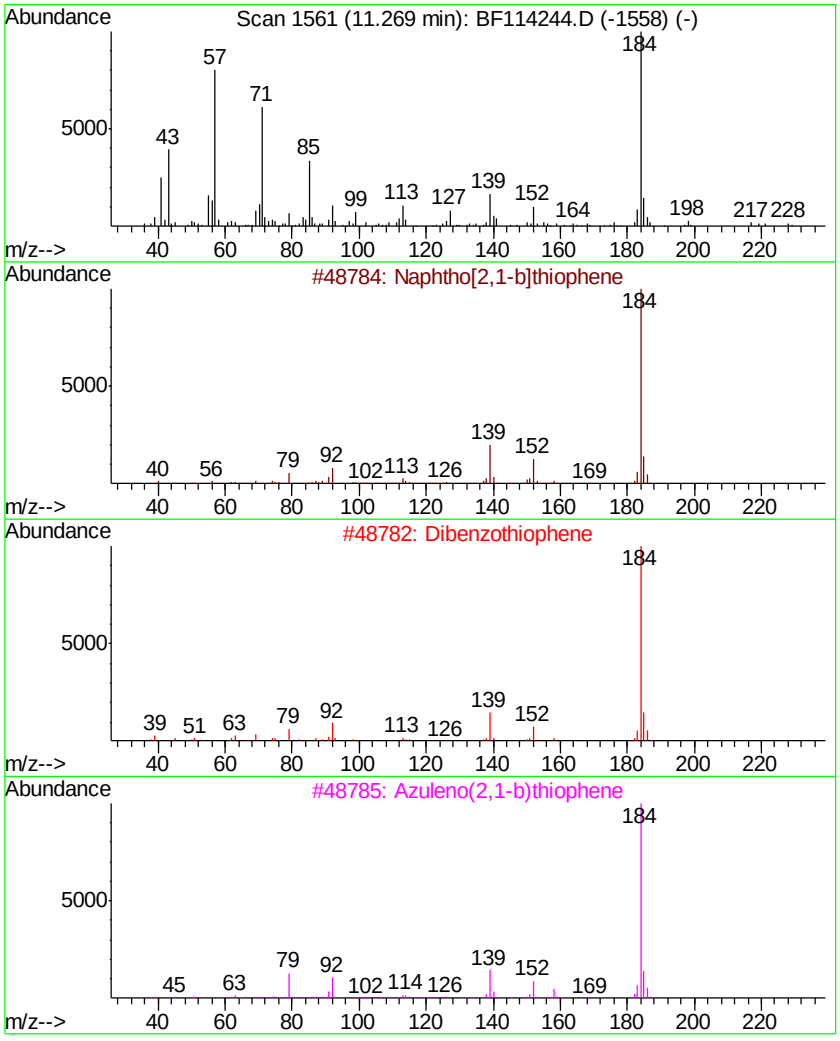
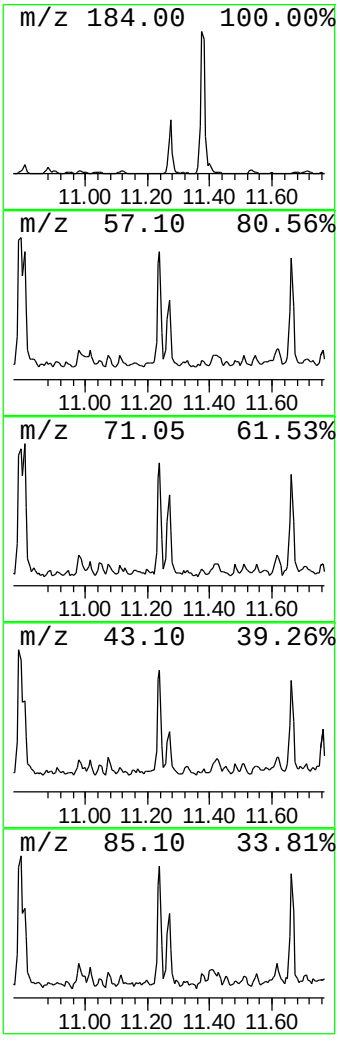
Peak Number 9 Naphtho[2,1-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.75 ng	209830	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	78
2	Dibenzothiophene	184	C12H8S	000132-65-0	60
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	60
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	55
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	49





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Operator : JU/SJ
Sample : K2807-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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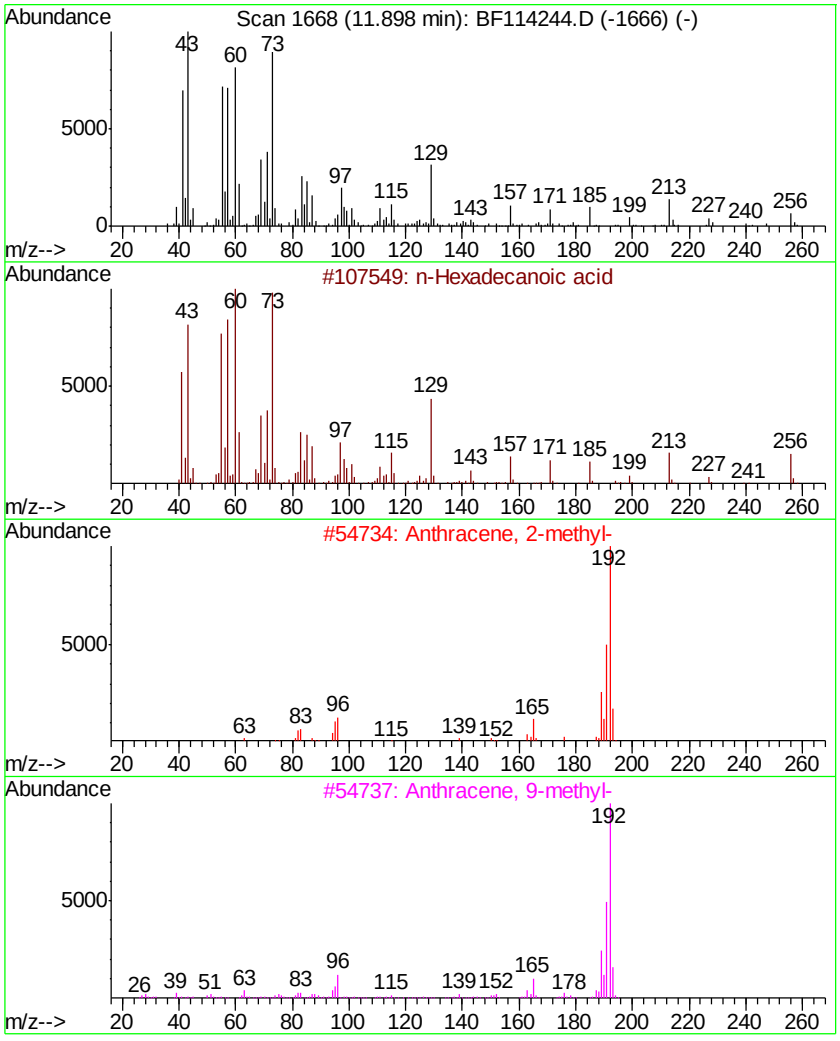
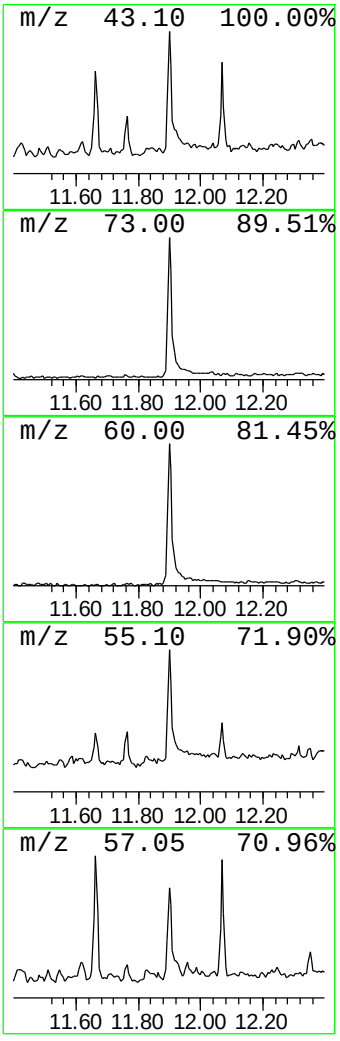
Peak Number 10 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	6.34 ng	483041	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	60





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Operator : JU/SJ
Sample : K2807-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-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

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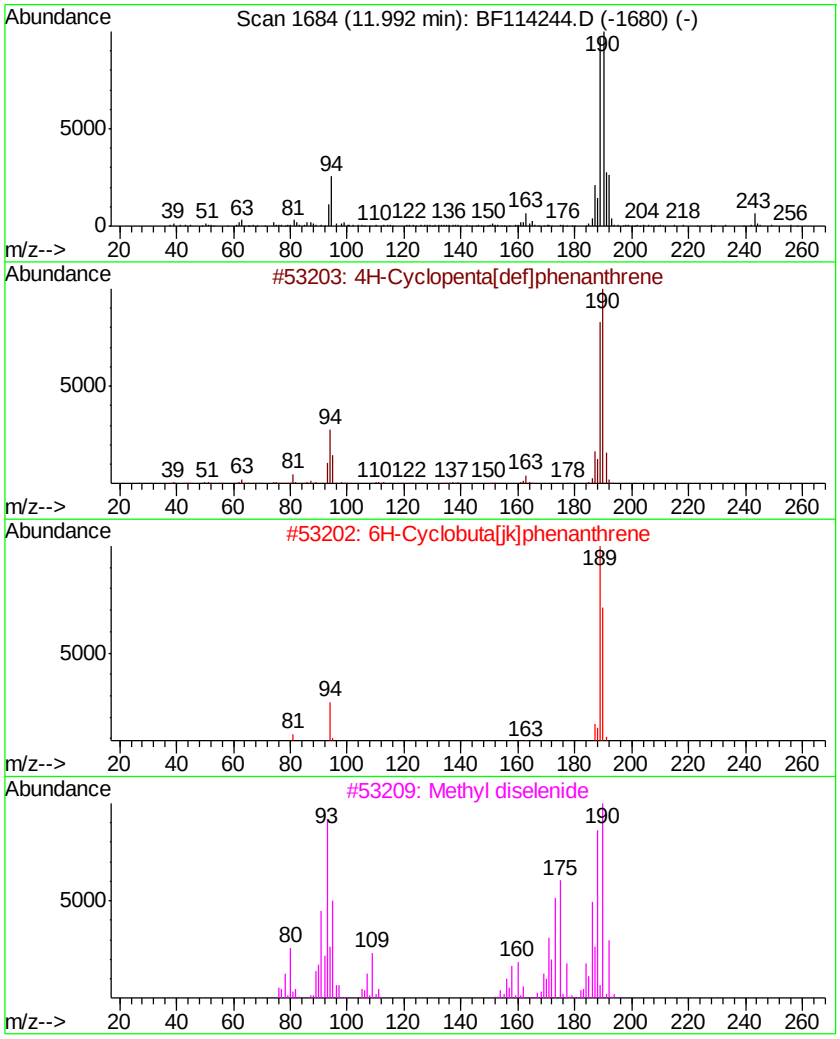
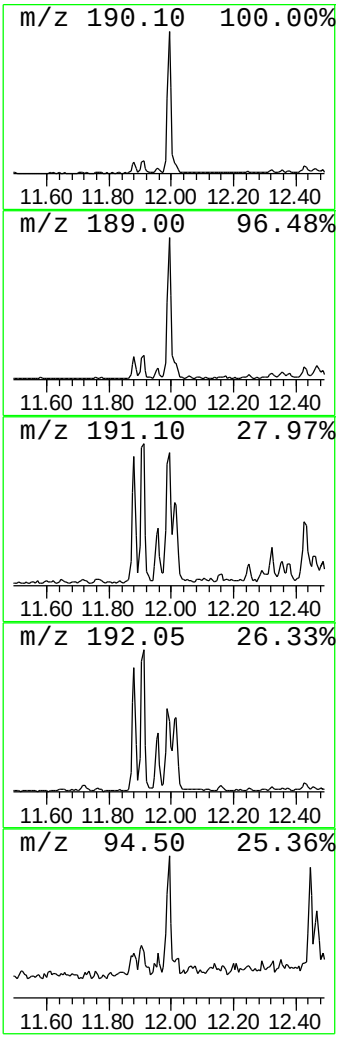
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	4.07 ng	310148	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	53
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	27





Library Search Compound Report

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Acq On : 13 May 2019 21:55
Operator : JU/SJ
Sample : K2807-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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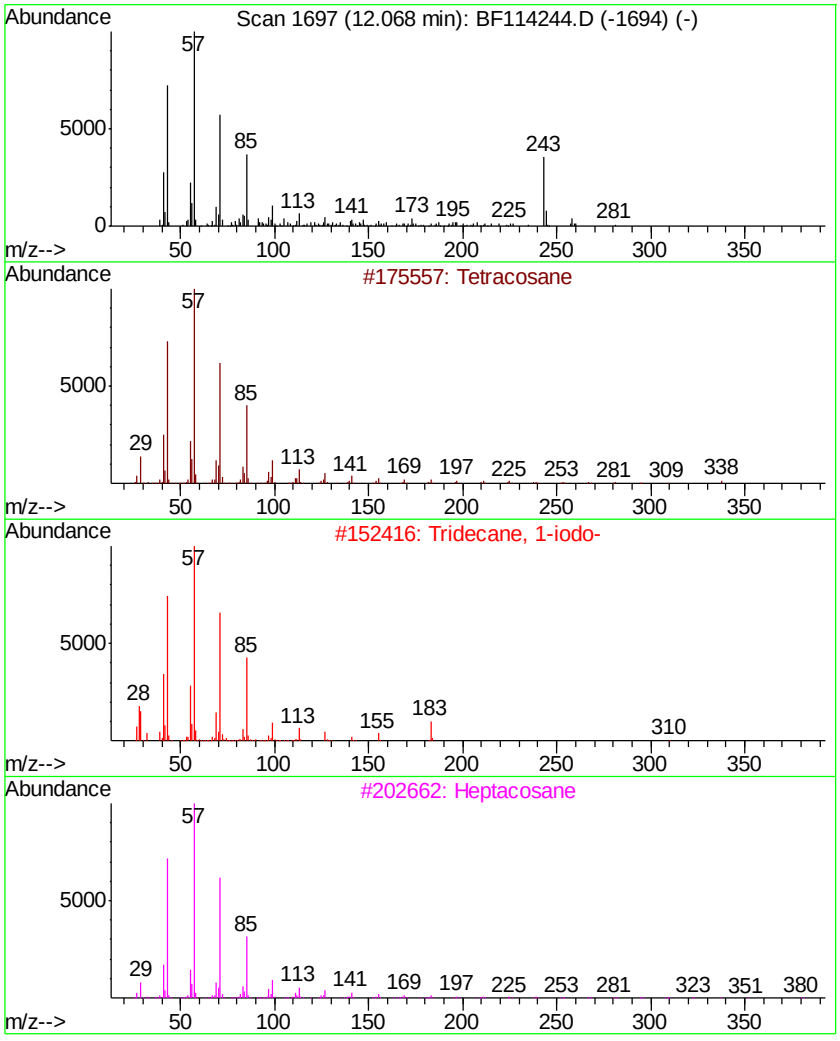
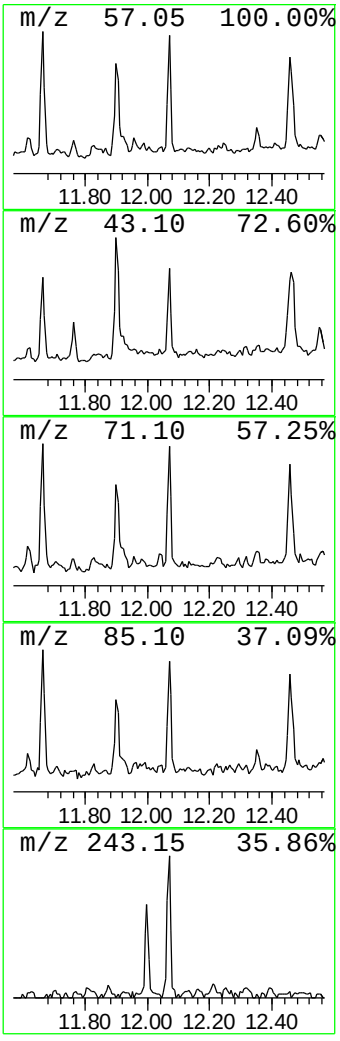
Peak Number 12 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	2.33 ng	177619	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	62
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	62
3	Heptacosane	380	C27H56	000593-49-7	62
4	Octadecane	254	C18H38	000593-45-3	62
5	Eicosane	282	C20H42	000112-95-8	58





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Acq On : 13 May 2019 21:55
Operator : JU/SJ
Sample : K2807-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-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

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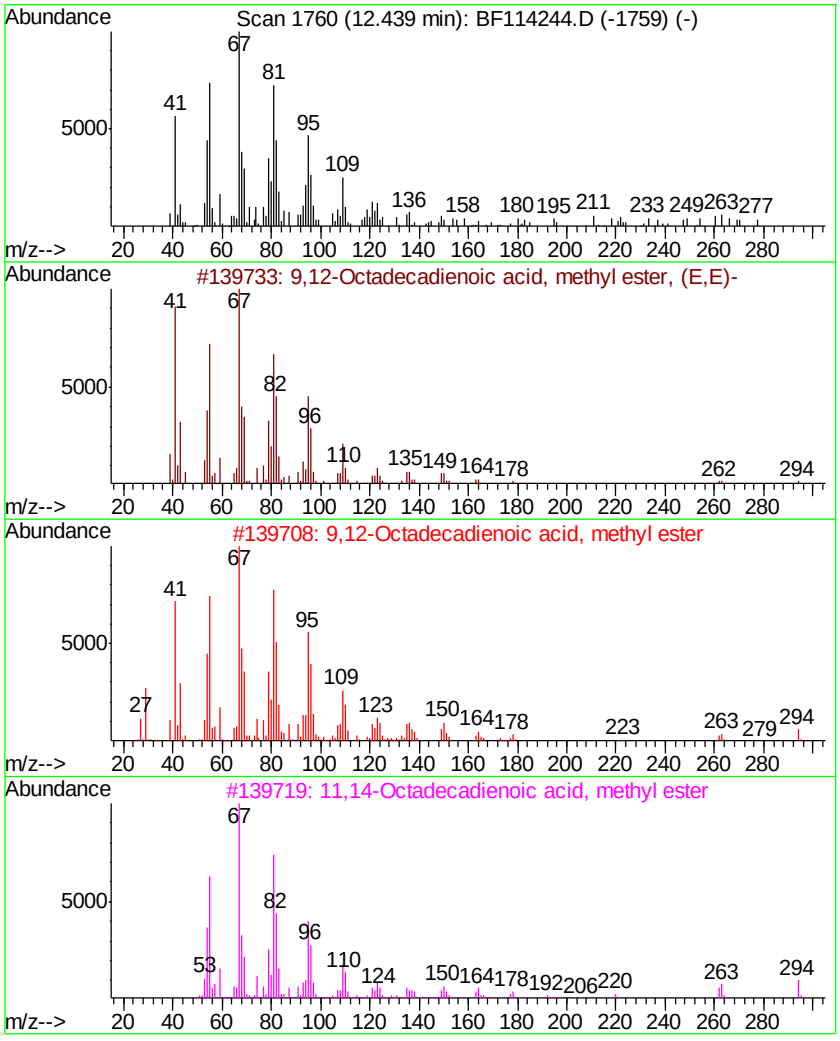
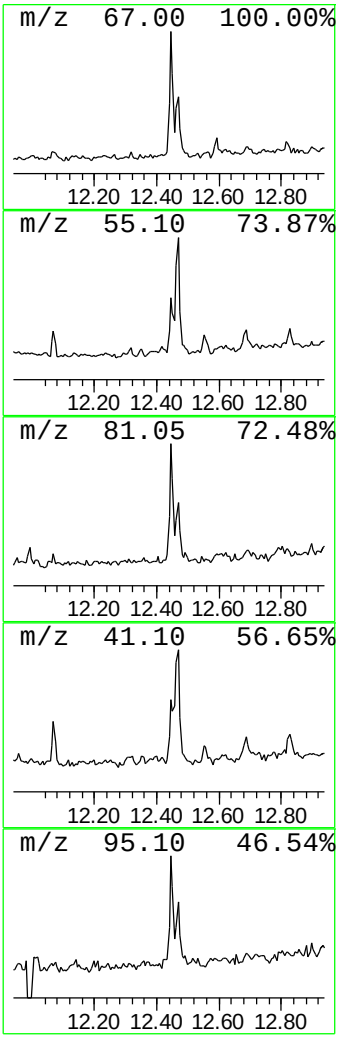
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	3.54 ng	269811	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	97
3	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	95
4	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	93
5	Methyl 7,12-octadecadienoate	294	C19H34O2	1000336-43-8	93





Library Search Compound Report

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Acq On : 13 May 2019 21:55
Operator : JU/SJ
Sample : K2807-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-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

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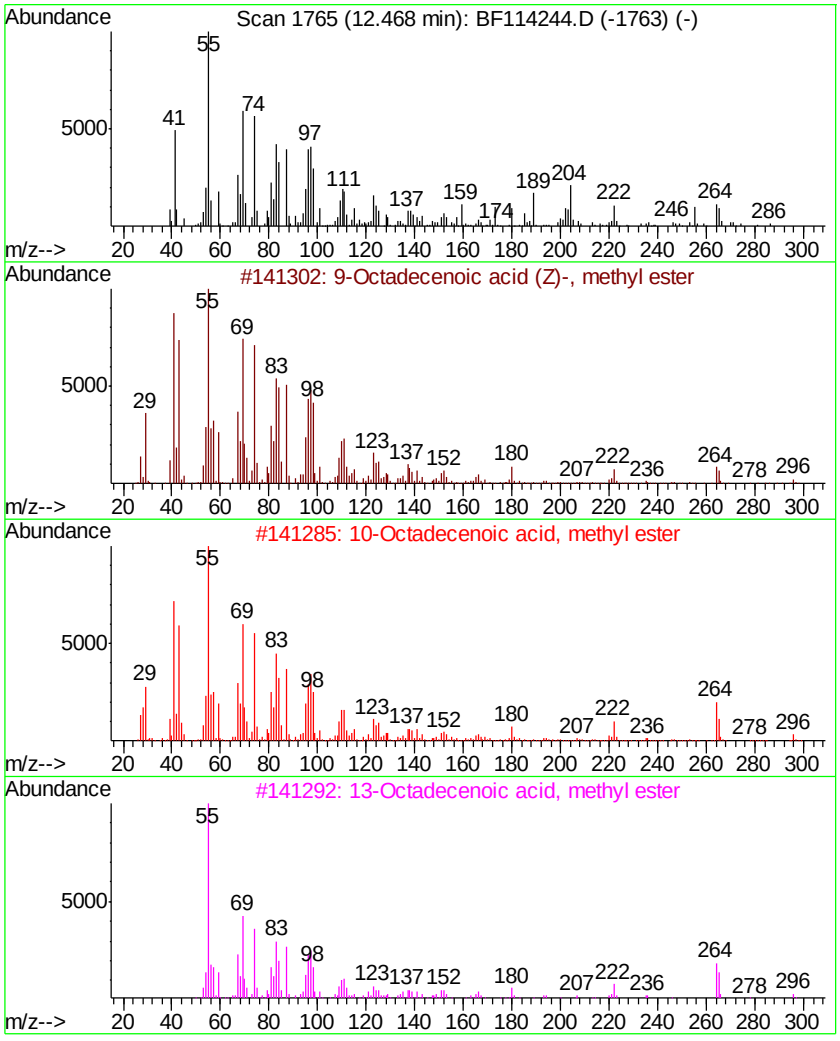
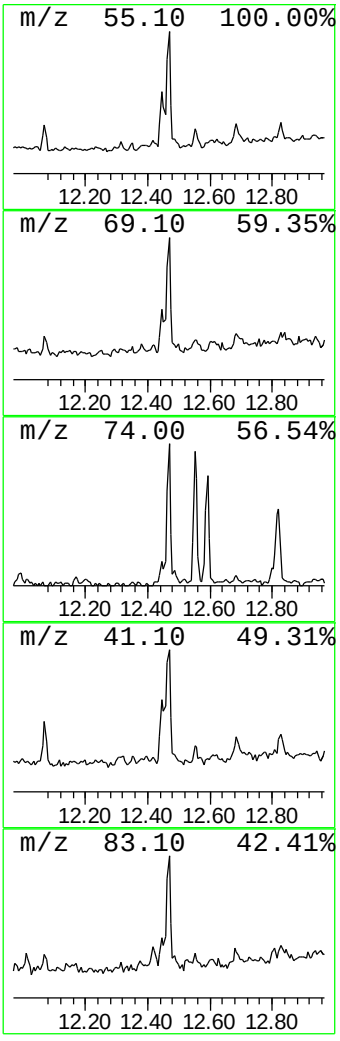
Peak Number 14 9-Octadecenoic acid (Z)-, m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	4.57 ng	348232	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	90
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	87
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	81
5	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	81





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Operator : JU/SJ
Sample : K2807-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-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

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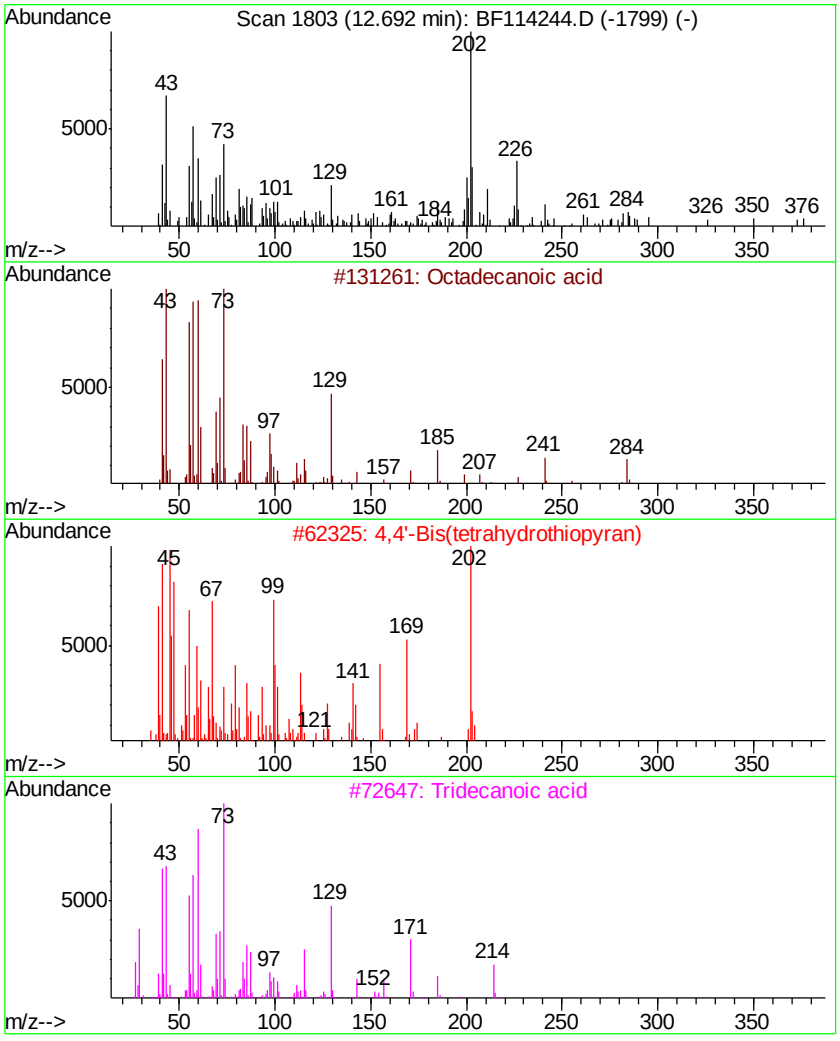
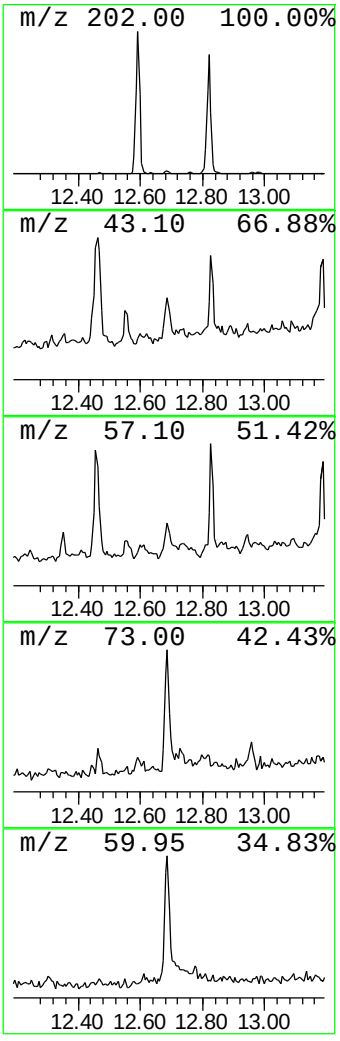
Peak Number 15 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	2.33 ng	177862	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	92
3	Tridecanoic acid	214	C13H26O2	000638-53-9	44
4	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	43
5	Pyrene	202	C16H10	000129-00-0	43





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ALS Vial : 25 Sample Multiplier: 1

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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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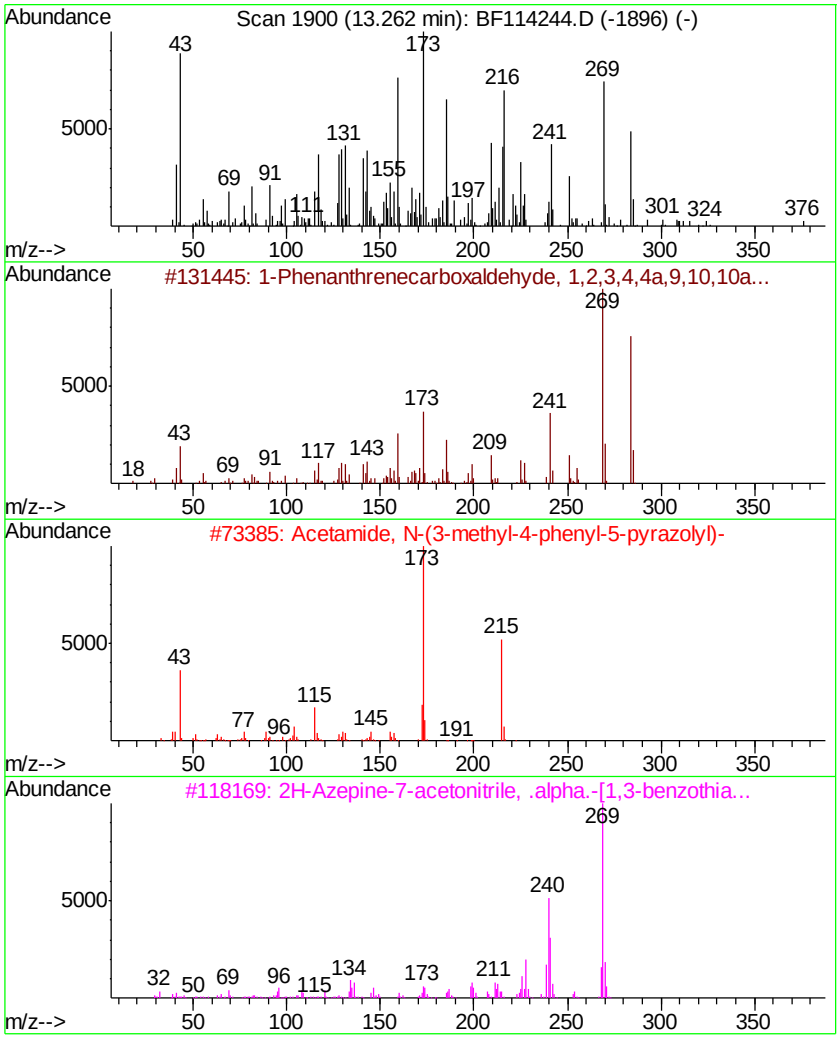
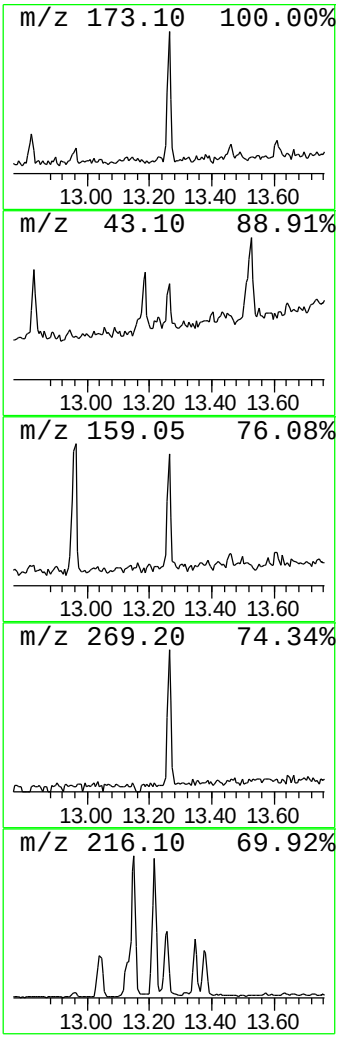
Peak Number 16 1-Phenanthrenecarboxaldehyd... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.99 ng	309369	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxaldehyde, 1,...	284	C20H28O	013601-88-2	89
2	Acetamide, N-(3-methyl-4-phenyl-...	215	C12H13N3O	1000269-43-1	11
3	2H-Azepine-7-acetonitrile, .alph...	269	C15H15N3S	1000319-32-7	11
4	Flavone, 5,7-dihydroxy-8-methoxy-	284	C16H12O5	000632-85-9	10
5	l-Alanine, N-(2-trifluoromethylb...	443	C24H36F3NO3	1000314-23-3	10





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Sample : K2807-03
Misc :
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ClientSampleId : FK-GF-02-039-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

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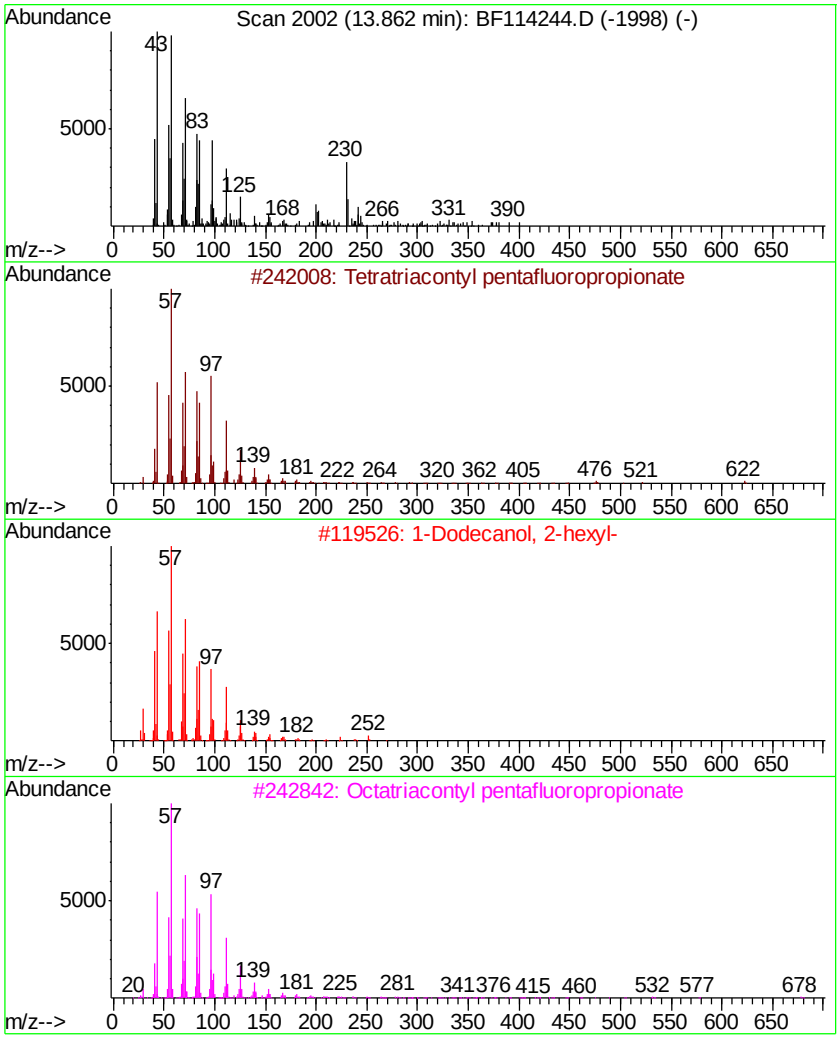
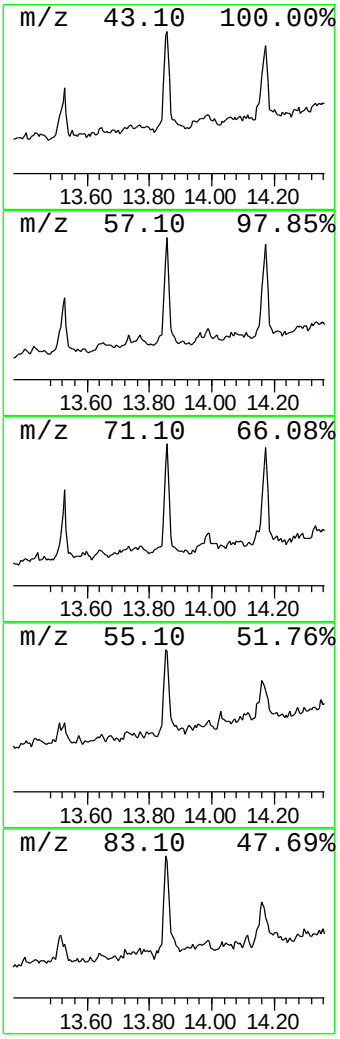
Peak Number 17 Tetratriacontyl pentafluoro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	4.03 ng	416763	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	91
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
3	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	91
4	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
5	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	91





Library Search Compound Report

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Sample : K2807-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId : FK-GF-02-039-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

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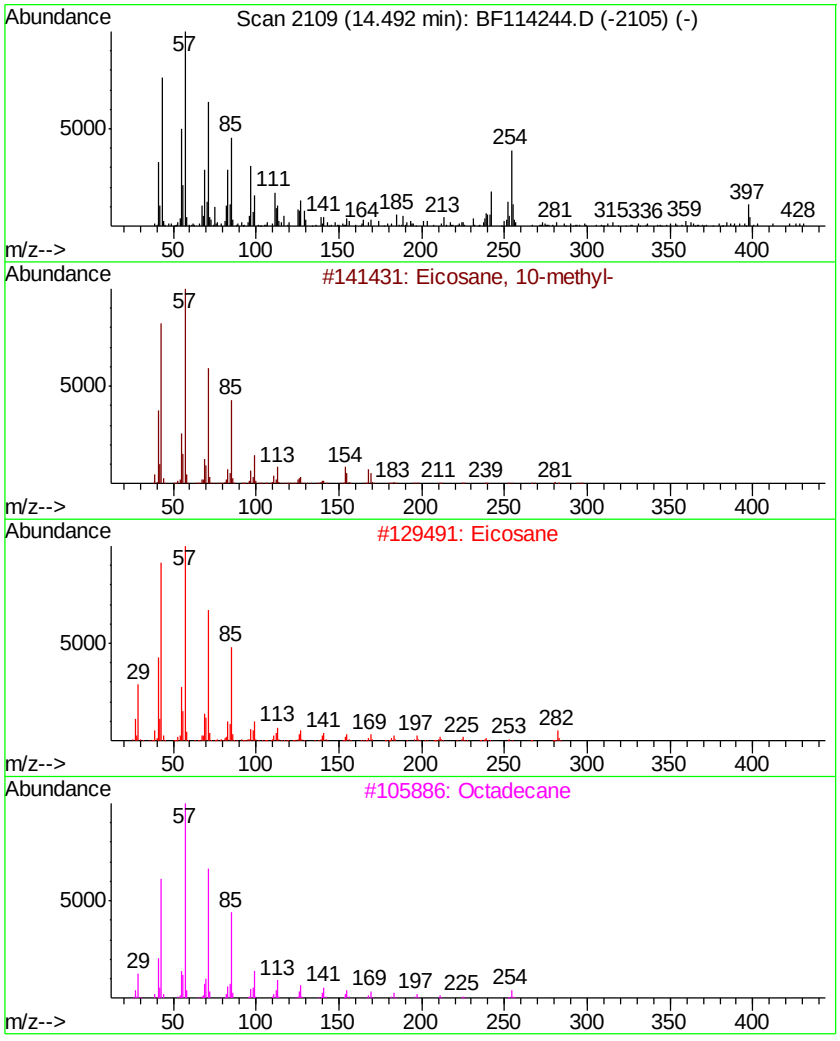
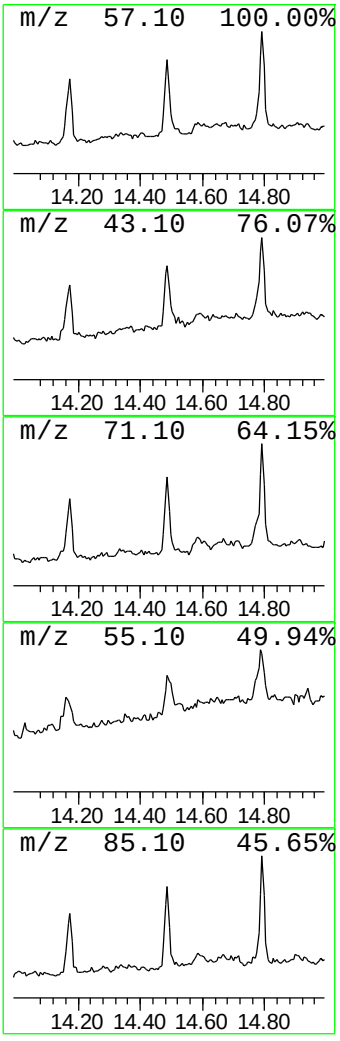
Peak Number 18 Eicosane, 10-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	4.66 ng	481436	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2	Eicosane	282	C20H42	000112-95-8	86
3	Octadecane	254	C18H38	000593-45-3	81
4	Hexacosane	366	C26H54	000630-01-3	81
5	Nonadecane, 4-methyl-	282	C20H42	025117-27-5	78





Tentatively Identified Compound (LSC) summary

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Data File : BF114244.D
Acq On : 13 May 2019 21:55
Operator : JU/SJ
Sample : K2807-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
unknown6.63	6.63	70.3	ng	4731990	1	6.86	1345710	20.0
Tetradecane	9.29	2.0	ng	178837	3	9.89	1748290	20.0
Hexadecane	9.82	2.4	ng	212162	3	9.89	1748290	20.0
Benzofuran, 5-chl...	10.09	2.1	ng	184837	3	9.89	1748290	20.0
Undecane, 2-methyl-	10.32	2.0	ng	178003	3	9.89	1748290	20.0
Tridecane	10.79	2.7	ng	207564	4	11.37	1524440	20.0
Octacosane	11.24	2.3	ng	177933	4	11.37	1524440	20.0
Naphtho[2,1-b]thi...	11.27	2.8	ng	209830	4	11.37	1524440	20.0
n-Hexadecanoic acid	11.90	6.3	ng	483041	4	11.37	1524440	20.0
4H-Cyclopenta[def...	11.99	4.1	ng	310148	4	11.37	1524440	20.0
Tetracosane	12.07	2.3	ng	177619	4	11.37	1524440	20.0
9,12-Octadecadien...	12.44	3.5	ng	269811	4	11.37	1524440	20.0
9-Octadecenoic ac...	12.47	4.6	ng	348232	4	11.37	1524440	20.0
Octadecanoic acid	12.69	2.3	ng	177862	4	11.37	1524440	20.0
1-Phenanthrenecar...	13.26	3.0	ng	309369	5	14.02	2066800	20.0
Tetratriacontyl p...	13.86	4.0	ng	416763	5	14.02	2066800	20.0
Eicosane, 10-methyl-	14.49	4.7	ng	481436	5	14.02	2066800	20.0