LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113010.D
Acq On : 12 Mar 2019 18:38
Operator : JU/SJ
Sample : K1697-07 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-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-BF022719.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	5.334	548	552	564	rBV	530770	565845	8.67%	1.445%
2	6.363	723	727	744	rBV	600056	596299	9.13%	1.523%
3	6.498	746	750	758	rBV	750358	639688	9.80%	1.633%
4	6.734	786	790	799	rBV	1104874	1023128	15.67%	2.612%
5	6.887	812	816	825	rVB	586195	503497	7.71%	1.286%
6	7.287	878	884	891	rBV	330665	375784	5.76%	0.960%
7	8.010	1004	1007	1015	rBV	1366121	1348496	20.65%	3.443%
8	8.316	1054	1059	1062	rBV5	50322	71214	1.09%	0.182%
9	8.404	1071	1074	1077	rBV2	70652	67853	1.04%	0.173%
10	8.451	1079	1082	1086	rVV3	72354	92338	1.41%	0.236%
11	8.522	1090	1094	1097	rBV2	75423	80887	1.24%	0.207%
12	8.616	1106	1110	1117	rBV	256279	271428	4.16%	0.693%
13	8.716	1124	1127	1133	rVB4	49567	85338	1.31%	0.218%
14	8.839	1142	1148	1153	rBV4	86535	166384	2.55%	0.425%
15	9.045	1181	1183	1187	rVB2	87723	82105	1.26%	0.210%
16	9.086	1187	1190	1195	rBV	711154	634548	9.72%	1.620%
17	9.181	1202	1206	1212	rBV	374919	340141	5.21%	0.868%
18	9.345	1229	1234	1241	rBV6	57201	122136	1.87%	0.312%
19	9.498	1255	1260	1262	rBV4	113896	179811	2.75%	0.459%
20	9.710	1293	1296	1299	rBV	377704	323105	4.95%	0.825%
21	9.763	1299	1305	1308	rBV	1423779	1319085	20.20%	3.368%
22	9.945	1331	1336	1338	rBV3	62706	104586	1.60%	0.267%
23	9.969	1338	1340	1343	rVB	94039	86882	1.33%	0.222%
24	10.028	1348	1350	1354	rVB3	89815	88550	1.36%	0.226%
25	10.204	1377	1380	1383	rVB	426588	310439	4.75%	0.793%
26	10.310	1395	1398	1404	rBV	127811	169509	2.60%	0.433%
27	10.427	1413	1418	1421	rBV	126465	138287	2.12%	0.353%
28	10.545	1435	1438	1443	rBV	418987	404540	6.20%	1.033%
29	10.675	1457	1460	1468	rBV	417551	463784	7.10%	1.184%
30	11.122	1533	1536	1539	rBV	335719	297873	4.56%	0.761%
31	11.151	1539	1541	1546	rVB	122247	132980	2.04%	0.340%
32	11.239	1552	1556	1558	rBV	1277351	1125573	17.24%	2.874%
33	11.263	1558	1560	1564	rVV	613403	519041	7.95%	1.325%
34	11.316	1564	1569	1576	rVB	161843	194429	2.98%	0.496%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1697-07 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.545	1605	1608	1610	rBV	285804	242976	3.72%	0.620%
36	11.569	1610	1612	1615	rVB2	109334	89688	1.37%	0.229%
37	11.645	1621	1625	1628	rBV	2799200	2246415	34.41%	5.736%
38	11.739	1638	1641	1644	rBV	75751	73399	1.12%	0.187%
39	11.774	1644	1647	1651	rVV2	187843	202411	3.10%	0.517%
40	11.851	1656	1660	1663	rBV	165746	186173	2.85%	0.475%
41	11.951	1670	1677	1685	rBV	239747	287759	4.41%	0.735%
42	12.033	1689	1691	1701	rVB3	58765	105528	1.62%	0.269%
43	12.327	1737	1741	1743	rBV	5345735	5498759	84.22%	14.040%
44	12.351	1743	1745	1751	rVV	6375179	6529099	100.00%	16.671%
45	12.398	1751	1753	1756	rVB2	92041	76126	1.17%	0.194%
46	12.433	1756	1759	1763	rBV2	1211712	1586553	24.30%	4.051%
47	12.480	1765	1767	1771	rVB	264965	253535	3.88%	0.647%
48	12.669	1794	1799	1803	rBV	738679	910802	13.95%	2.326%
49	12.710	1803	1806	1809	rVV	133619	115348	1.77%	0.295%
50	12.816	1822	1824	1830	rVB	610320	571531	8.75%	1.459%
51	12.986	1849	1853	1855	rBV2	218570	268892	4.12%	0.687%
52	13.068	1863	1867	1871	rBV3	266273	395602	6.06%	1.010%
53	13.104	1871	1873	1875	rVV2	79188	66054	1.01%	0.169%
54	13.151	1879	1881	1885	rVB	195451	178171	2.73%	0.455%
55	13.227	1891	1894	1897	rBV2	59736	66614	1.02%	0.170%
56	13.310	1905	1908	1912	rVB5	95933	102920	1.58%	0.263%
57	13.404	1921	1924	1929	rVB2	121326	115999	1.78%	0.296%
58	13.733	1977	1980	1984	rVB	91866	91937	1.41%	0.235%
59	13.821	1992	1995	1997	rBV	137790	132308	2.03%	0.338%
60	13.863	1997	2002	2005	rVV2	1511425	1737584	26.61%	4.437%
61	13.886	2005	2006	2012	rVB	314879	280701	4.30%	0.717%
62	14.045	2030	2033	2037	rVB2	129283	122908	1.88%	0.314%
63	14.345	2078	2084	2087	rBV4	229910	347646	5.32%	0.888%
64	14.439	2097	2100	2105	rBV5	83479	114117	1.75%	0.291%
65	14.645	2132	2135	2141	rVB2	160127	185038	2.83%	0.472%
66	14.745	2148	2152	2162	rVB	336489	528482	8.09%	1.349%
67	14.874	2170	2174	2177	rBV	263230	381060	5.84%	0.973%
68	14.957	2186	2188	2195	rVB2	186182	253410	3.88%	0.647%
69	15.157	2219	2222	2228	rVB	125465	150284	2.30%	0.384%
70	15.210	2228	2231	2237	rBV	185694	241170	3.69%	0.616%
71	15.274	2237	2242	2245	rVV	843391	1056953	16.19%	2.699%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1697-07 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.315	2246	2249	2255	rVB	194610	273016	4.18%	0.697%
73	15.721	2315	2318	2323	rVB	140760	171736	2.63%	0.439%

Sum of corrected areas: 39164287

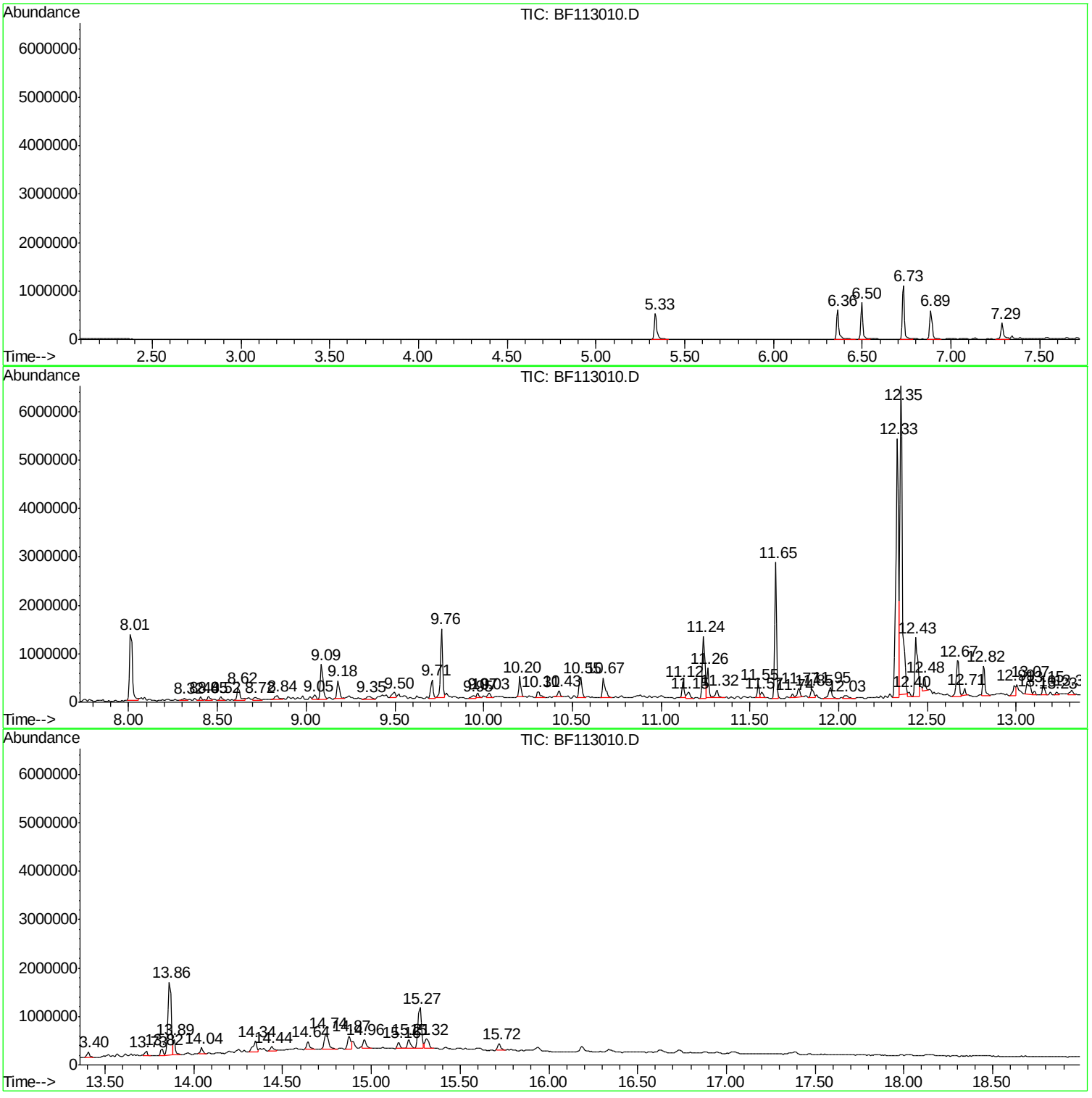
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113010.D
Acq On : 12 Mar 2019 18:38
Operator : JU/SJ
Sample : K1697-07 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113010.D
Acq On : 12 Mar 2019 18:38
Operator : JU/SJ
Sample : K1697-07 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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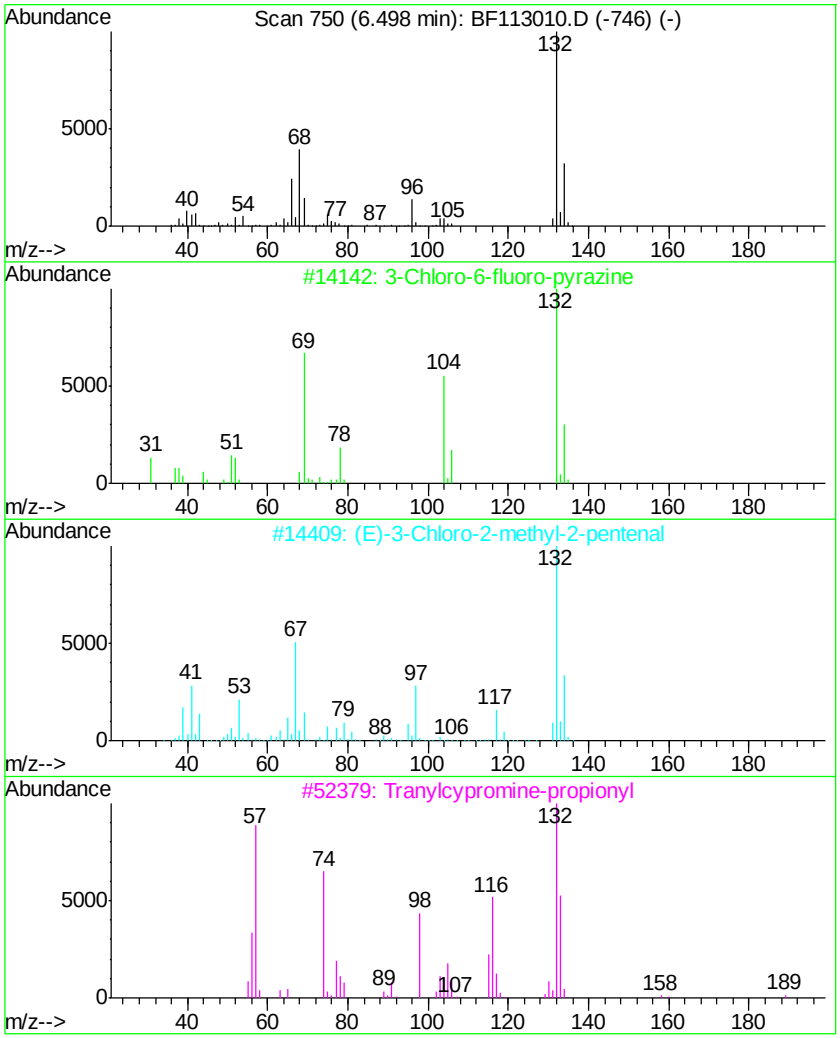
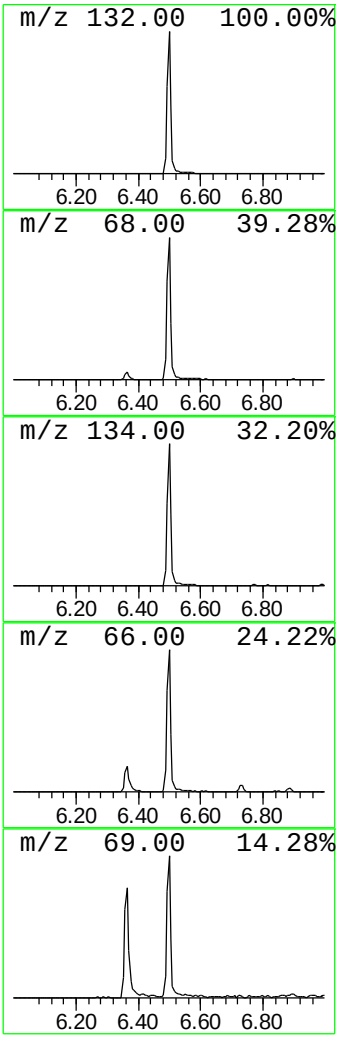
Peak Number 1 unknown6.50 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	12.50 ng	639688	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113010.D
Acq On : 12 Mar 2019 18:38
Operator : JU/SJ
Sample : K1697-07 5X
Misc :
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Instrument : BNA_F
ClientSampleId : SU-04-031119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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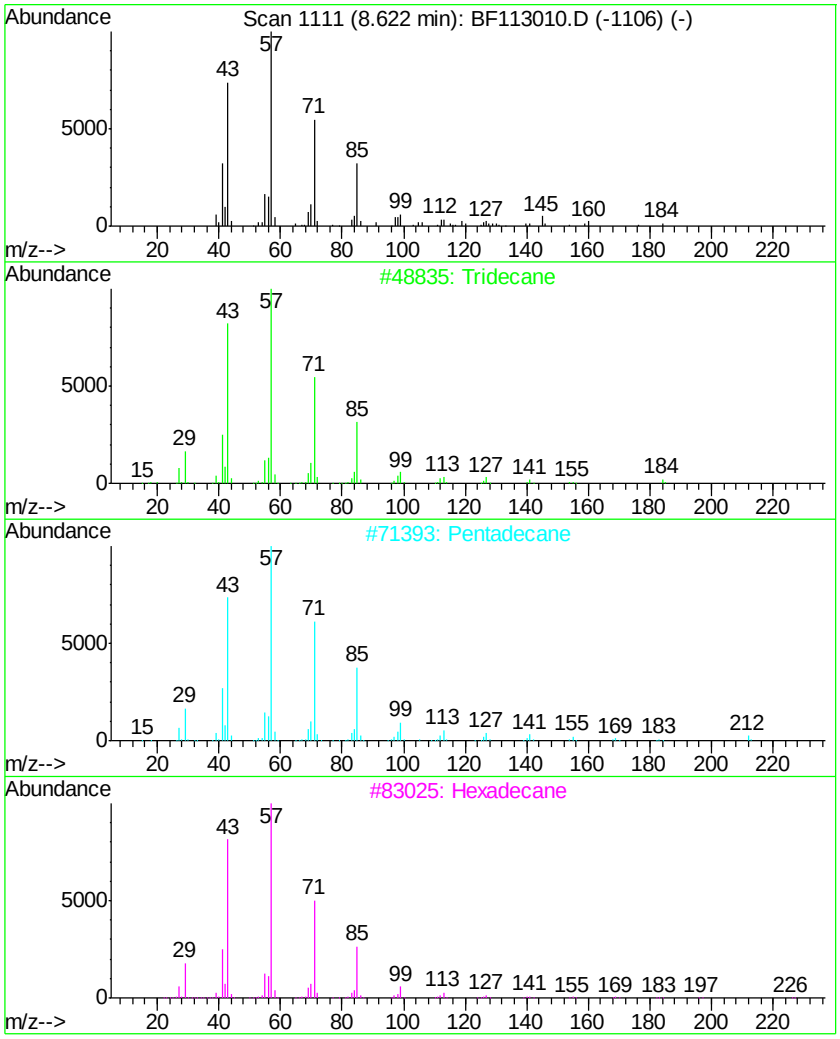
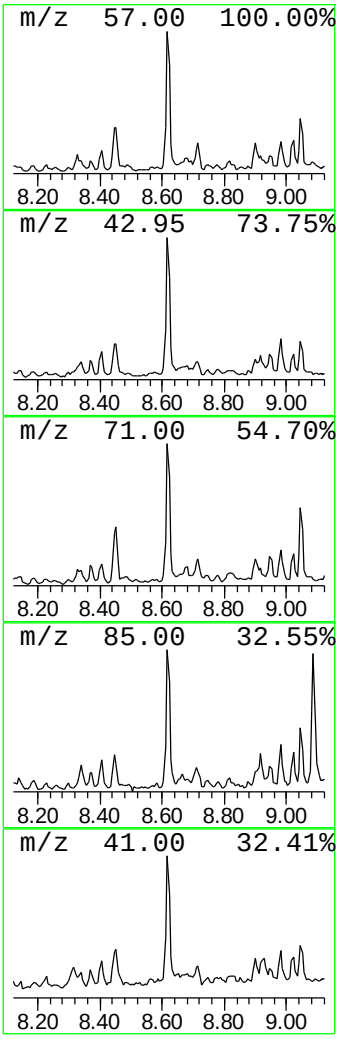
Peak Number 3 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	4.03 ng	271428	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Pentadecane	212	C15H32	000629-62-9	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113010.D
Acq On : 12 Mar 2019 18:38
Operator : JU/SJ
Sample : K1697-07 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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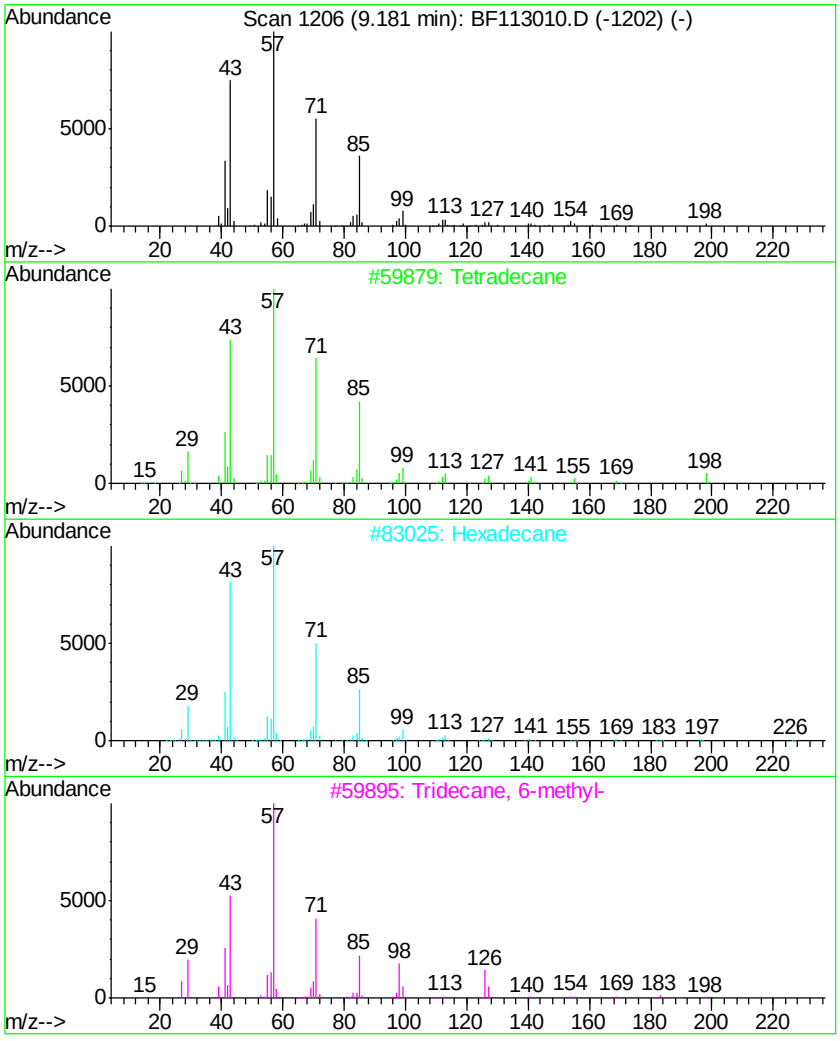
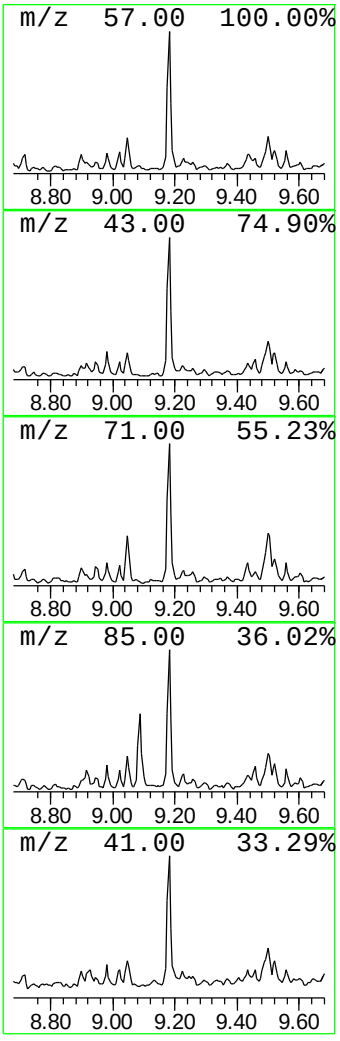
Peak Number 4 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	5.16 ng	340141	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
4	Nonadecane	268	C19H40	000629-92-5	86
5	Tridecane	184	C13H28	000629-50-5	72





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Operator : JU/SJ
Sample : K1697-07 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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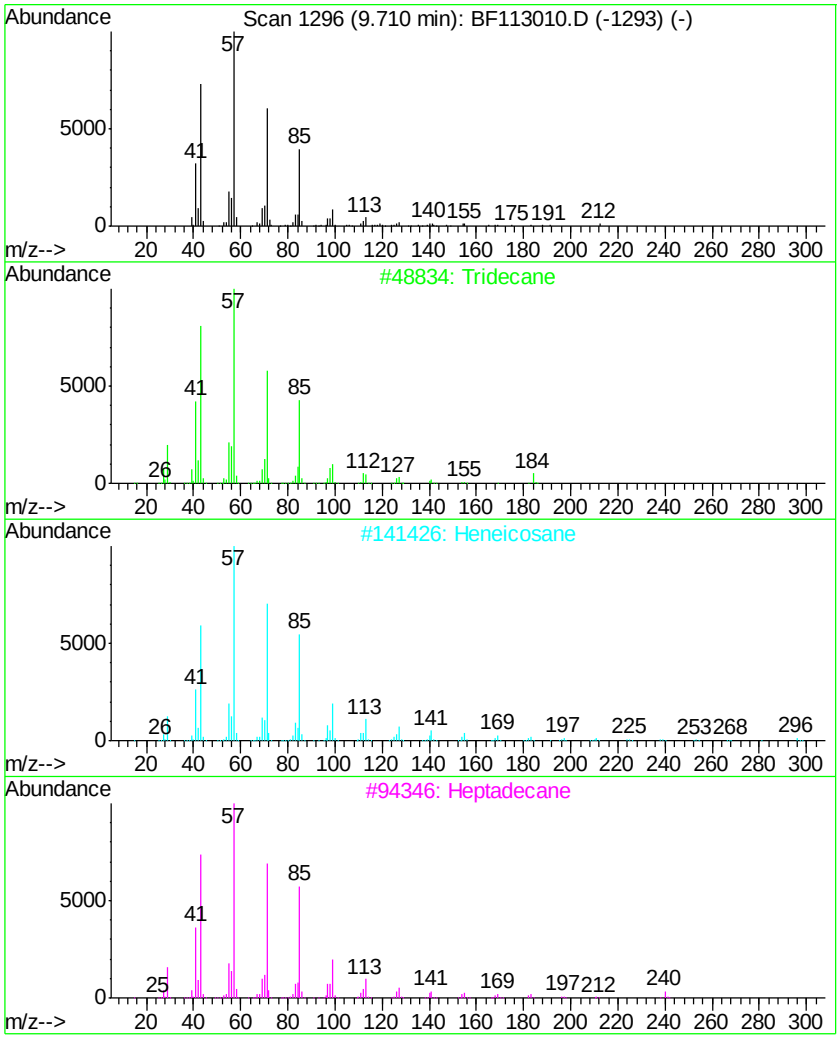
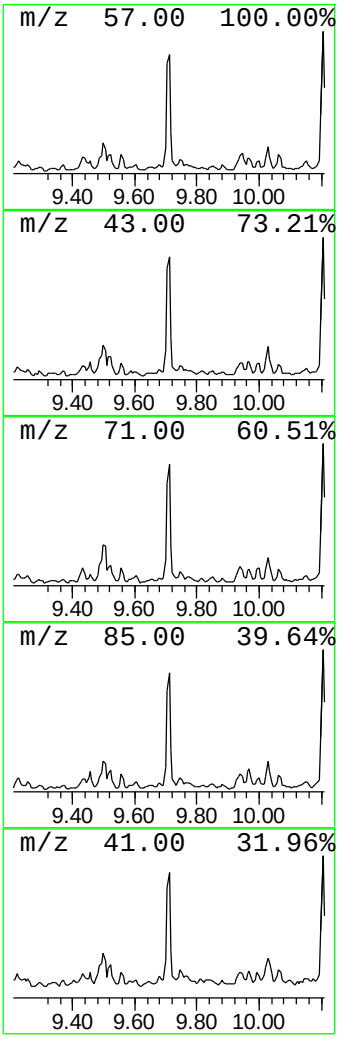
Peak Number 5 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	4.90 ng	323105	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Heneicosane	296	C21H44	000629-94-7	83
3	Heptadecane	240	C17H36	000629-78-7	83
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Tetradecane	198	C14H30	000629-59-4	80





Library Search Compound Report

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Operator : JU/SJ
Sample : K1697-07 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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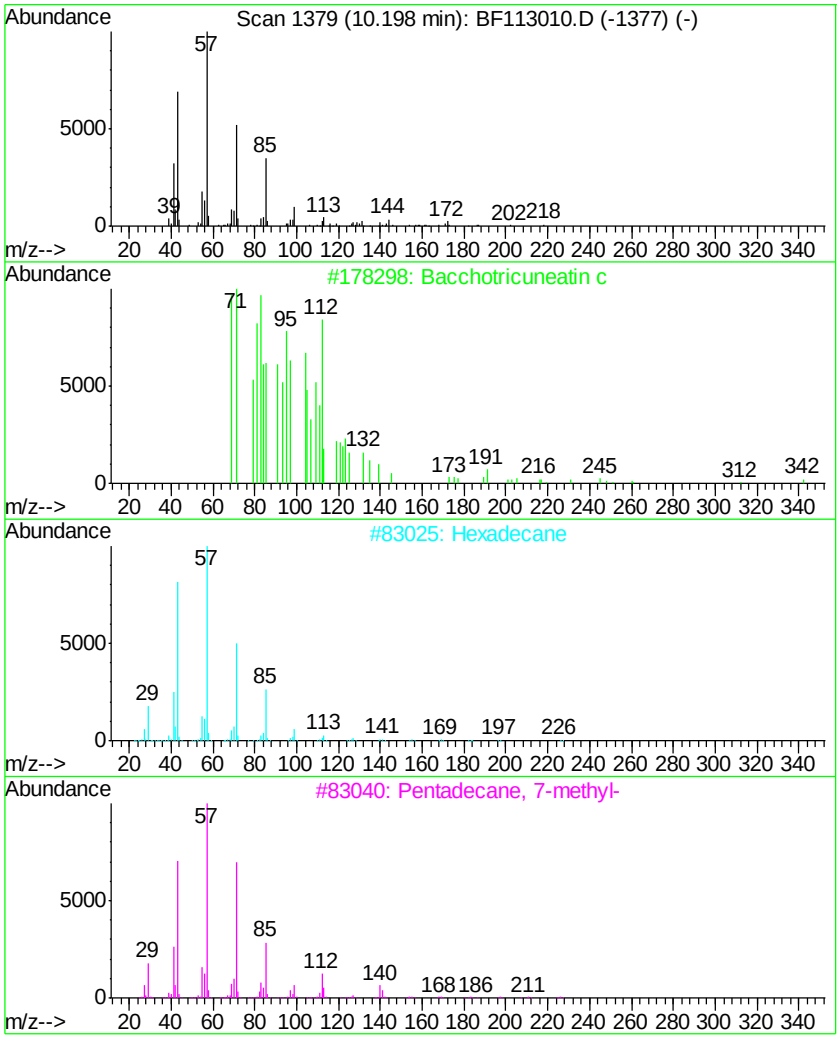
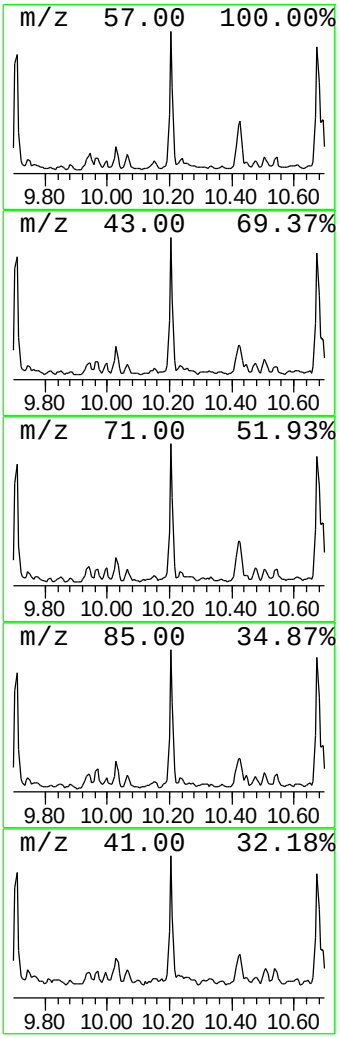
Peak Number 6 Bacchotricuneatin c Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	4.71 ng	310439	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2	Hexadecane	226	C16H34	000544-76-3	97
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Decane, 3-methyl-	156	C11H24	013151-34-3	74





Library Search Compound Report

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Data File : BF113010.D
Acq On : 12 Mar 2019 18:38
Operator : JU/SJ
Sample : K1697-07 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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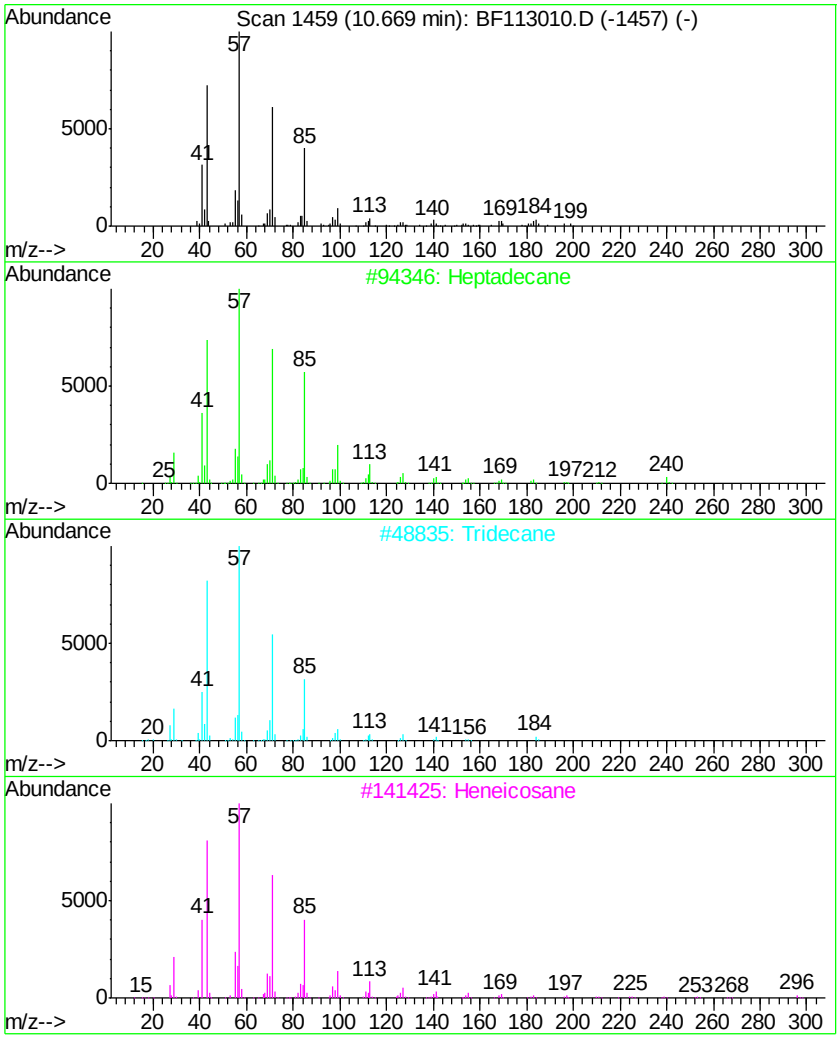
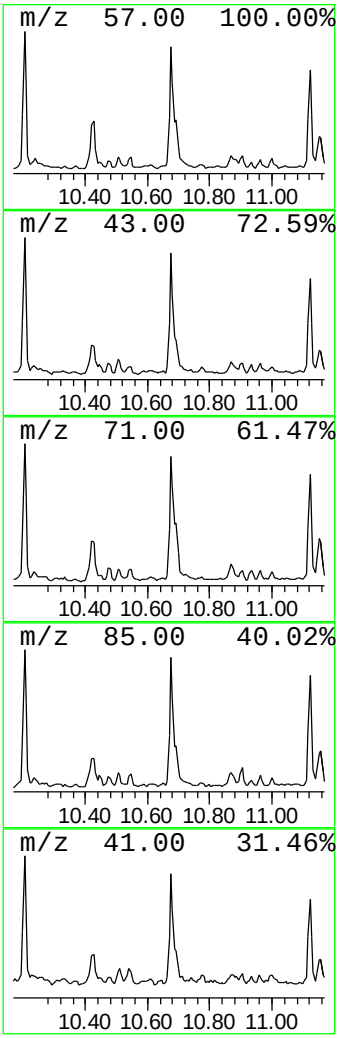
Peak Number 7 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	8.24 ng	463784	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tridecane	184	C13H28	000629-50-5	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Tetradecane	198	C14H30	000629-59-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113010.D
Acq On : 12 Mar 2019 18:38
Operator : JU/SJ
Sample : K1697-07 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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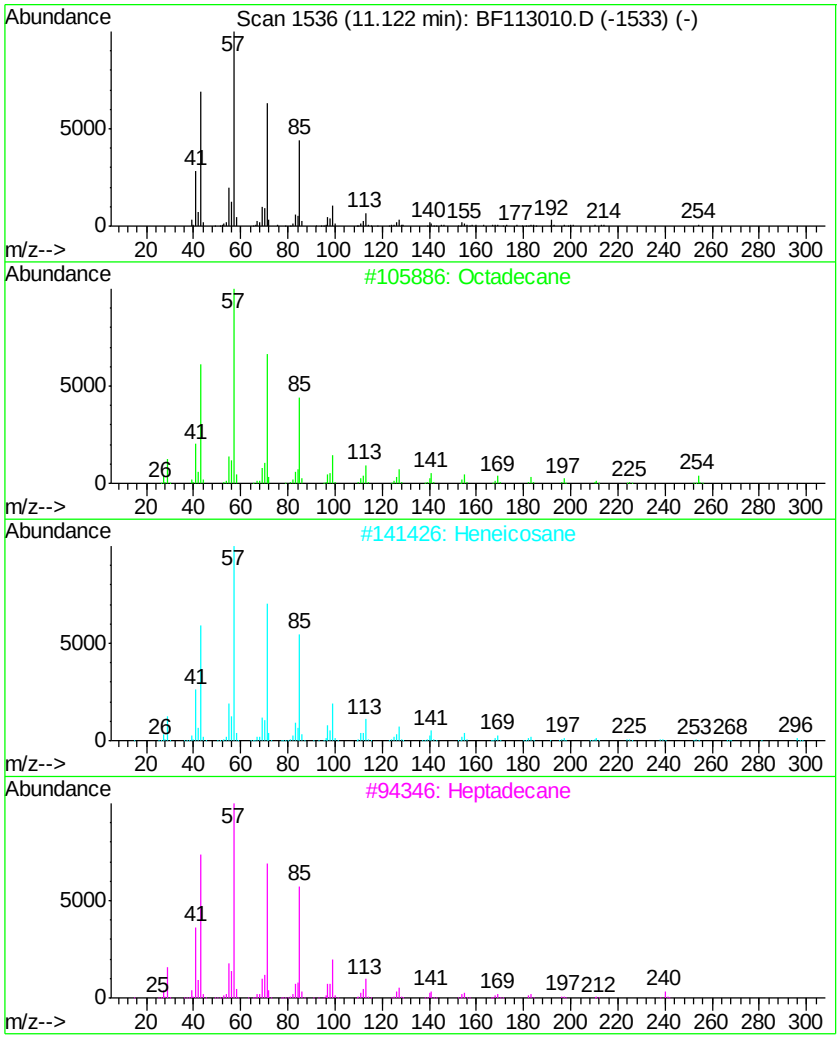
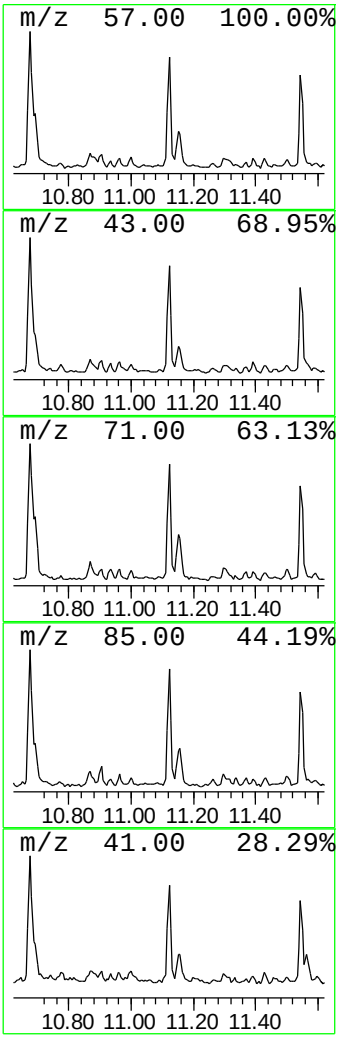
Peak Number 8 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	5.29 ng	297873	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Hexadecane	226	C16H34	000544-76-3	90





Library Search Compound Report

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Acq On : 12 Mar 2019 18:38
Operator : JU/SJ
Sample : K1697-07 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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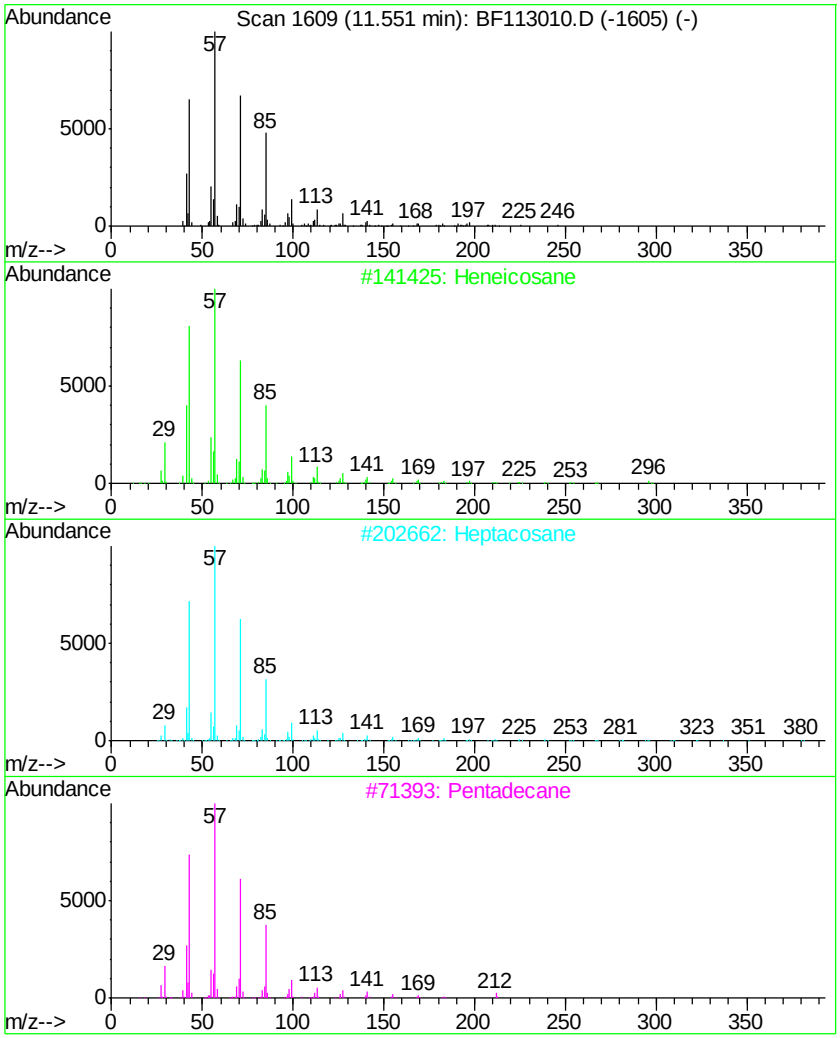
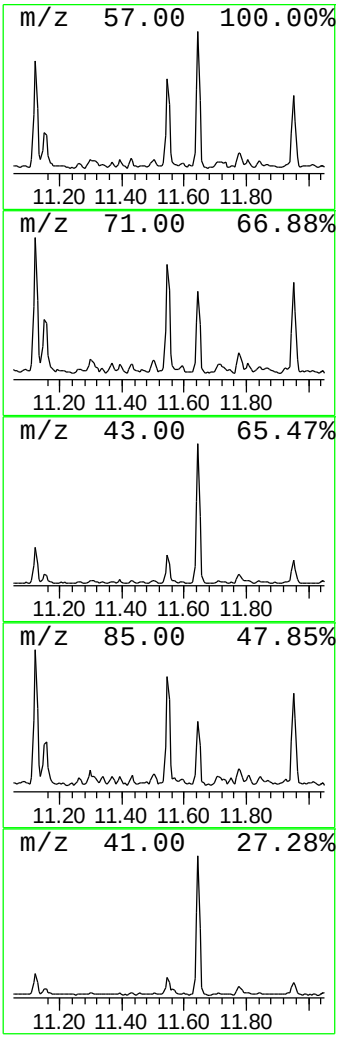
Peak Number 9 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	4.32 ng	242976	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Tetracosane	338	C24H50	000646-31-1	90





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ClientSampleId : SU-04-031119-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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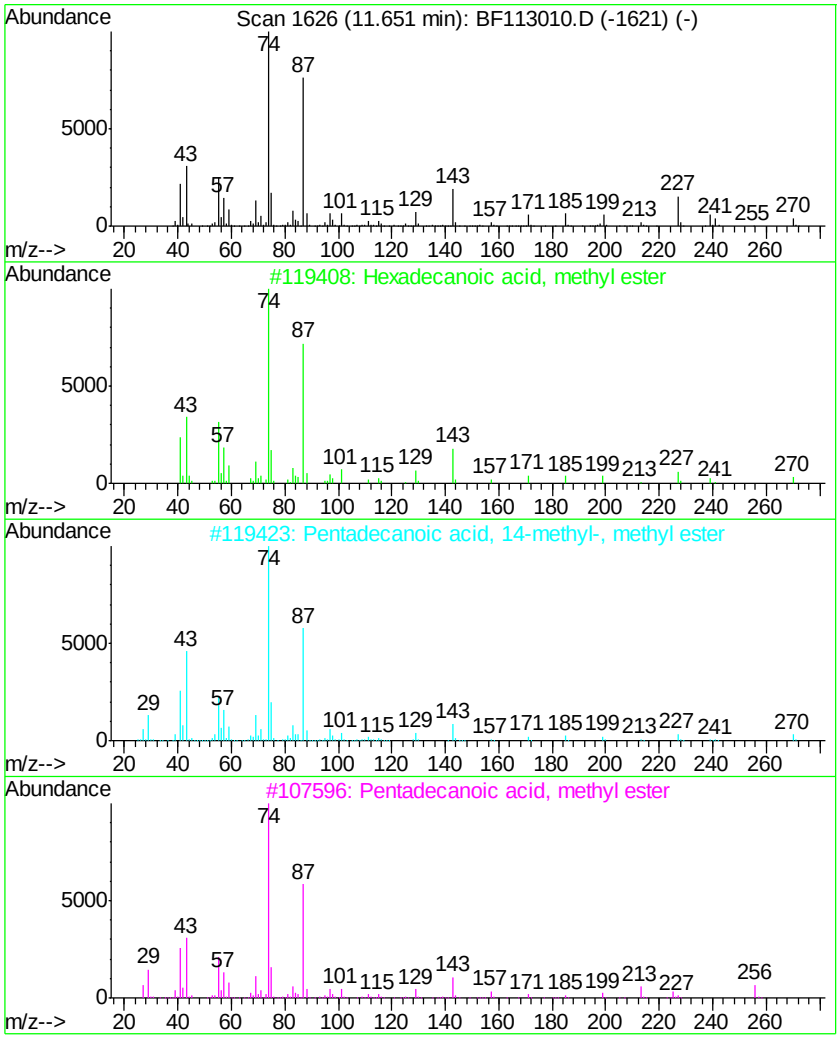
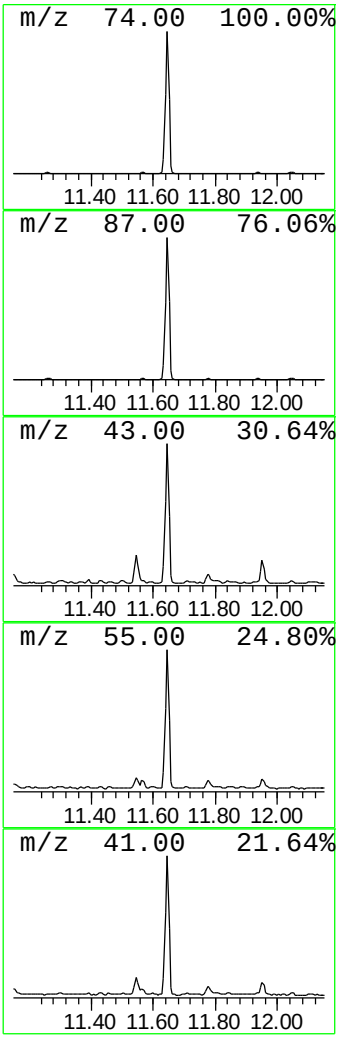
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	39.92 ng	2246420	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	83
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83





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ClientSampleId : SU-04-031119-B

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

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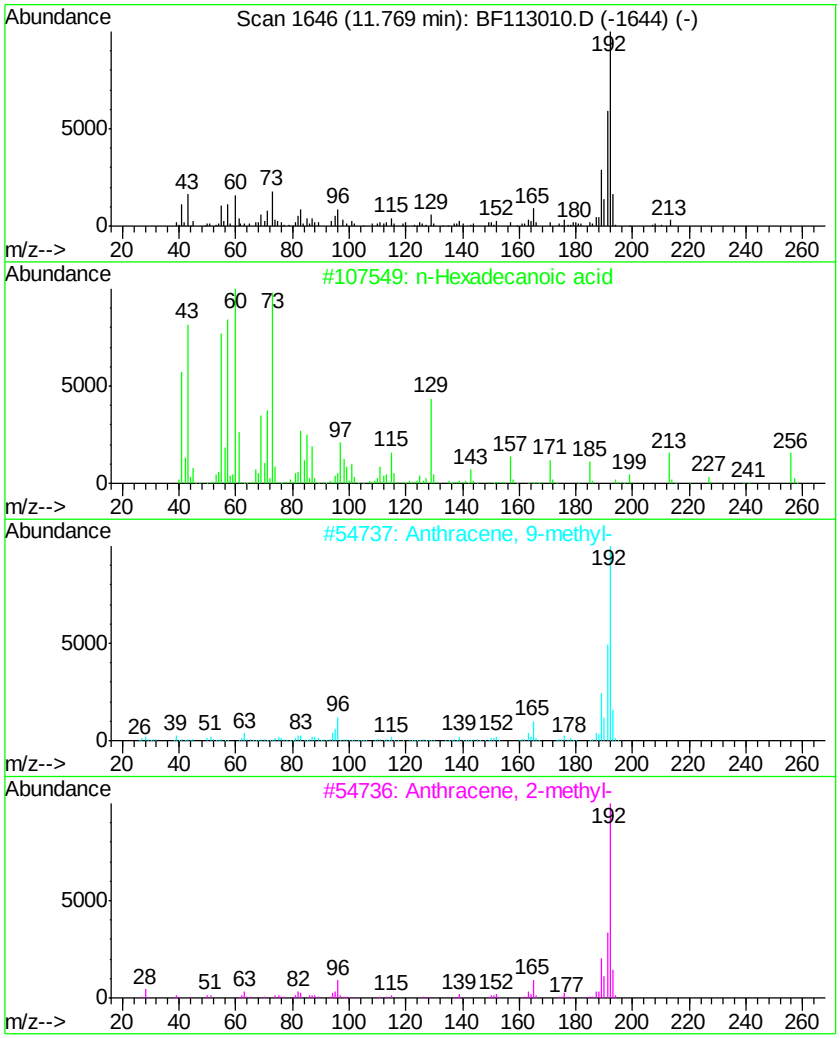
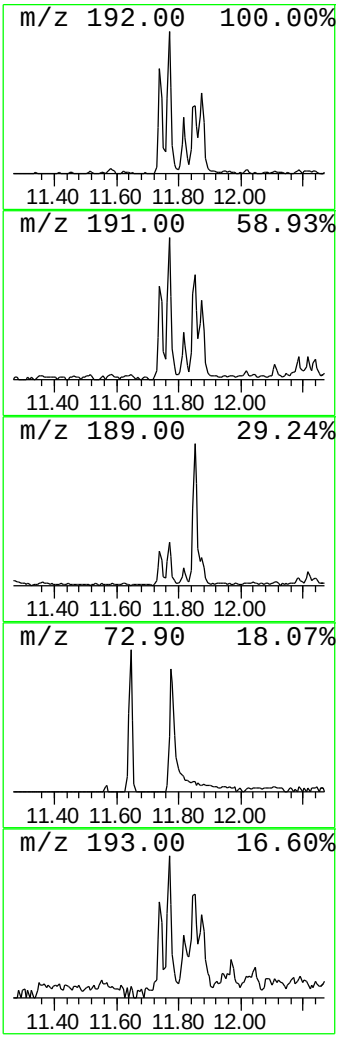
Peak Number 11 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.60 ng	202411	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	51





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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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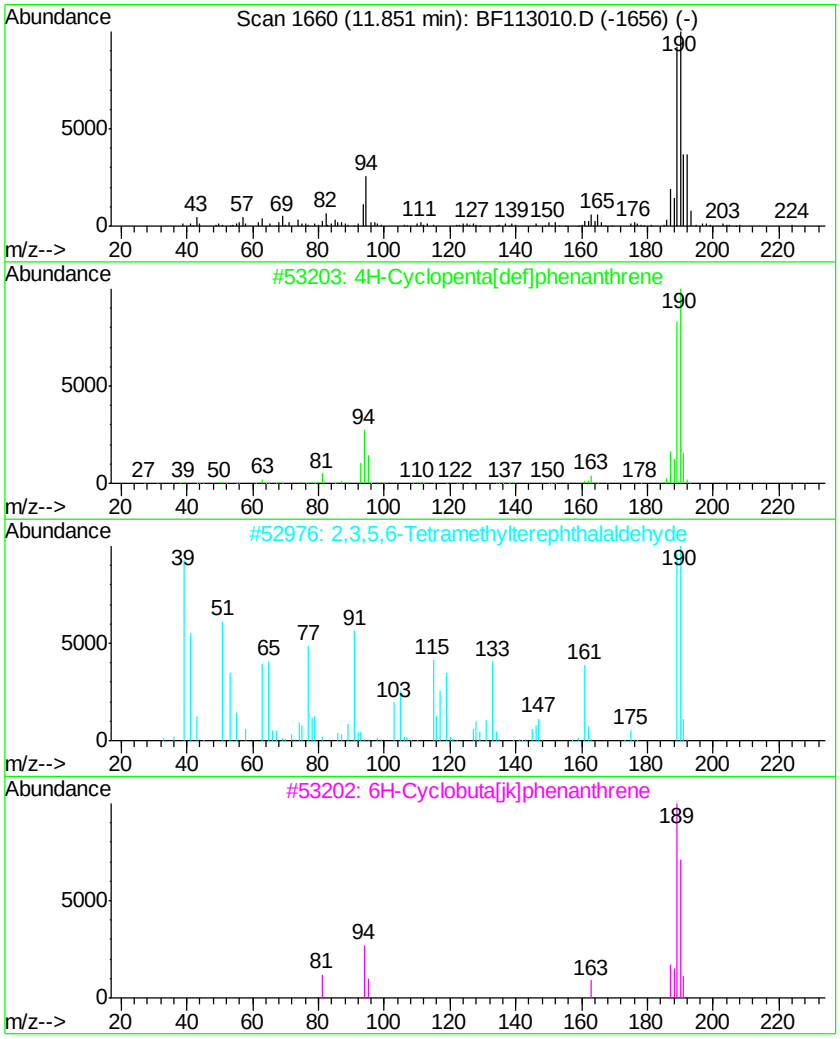
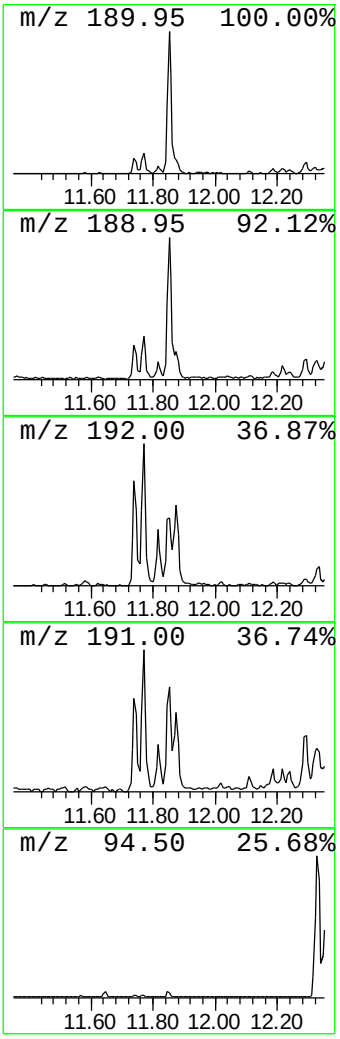
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.31 ng	186173	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	33
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23





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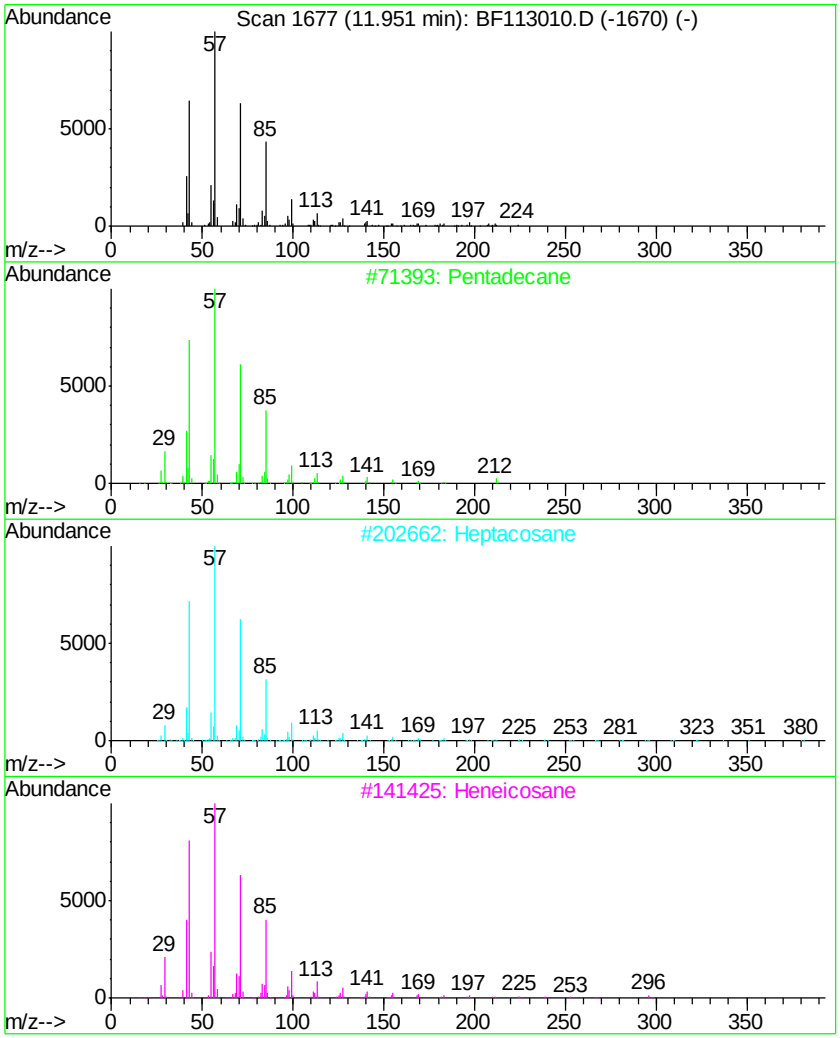
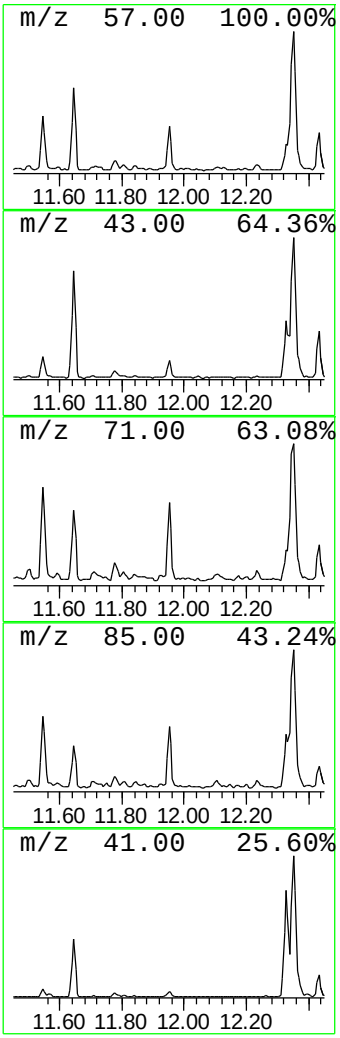
Peak Number 13 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	5.11 ng	287759	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Hexadecane	226	C16H34	000544-76-3	90





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

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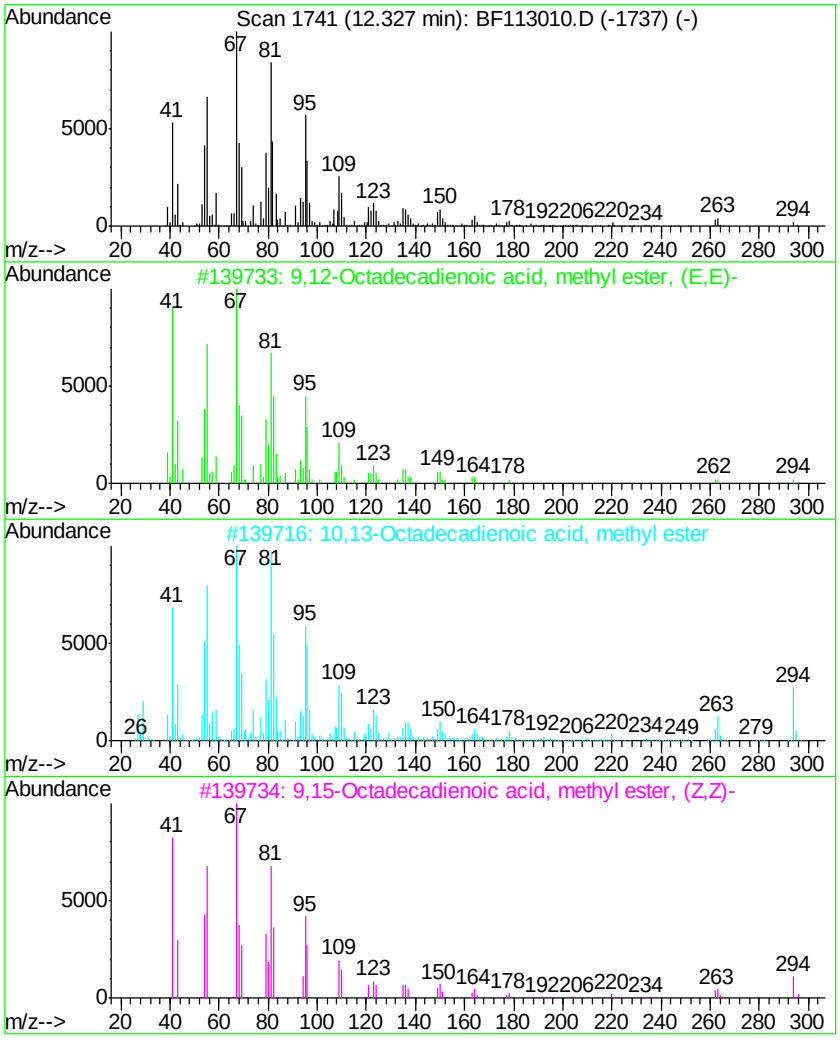
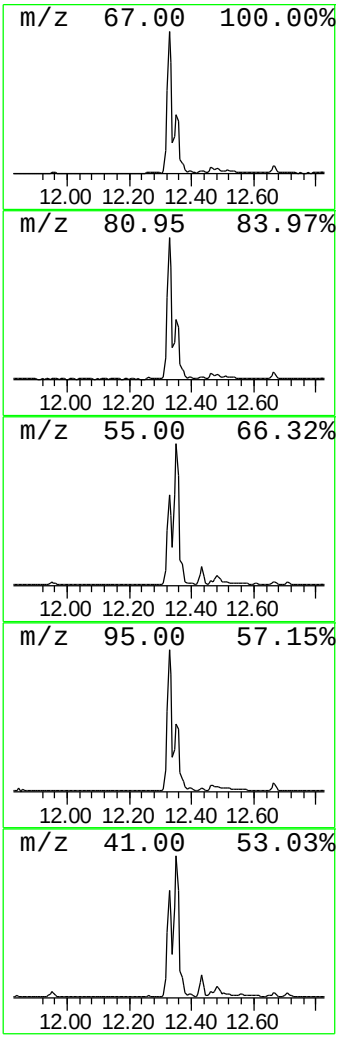
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	97.71 ng	5498760	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99





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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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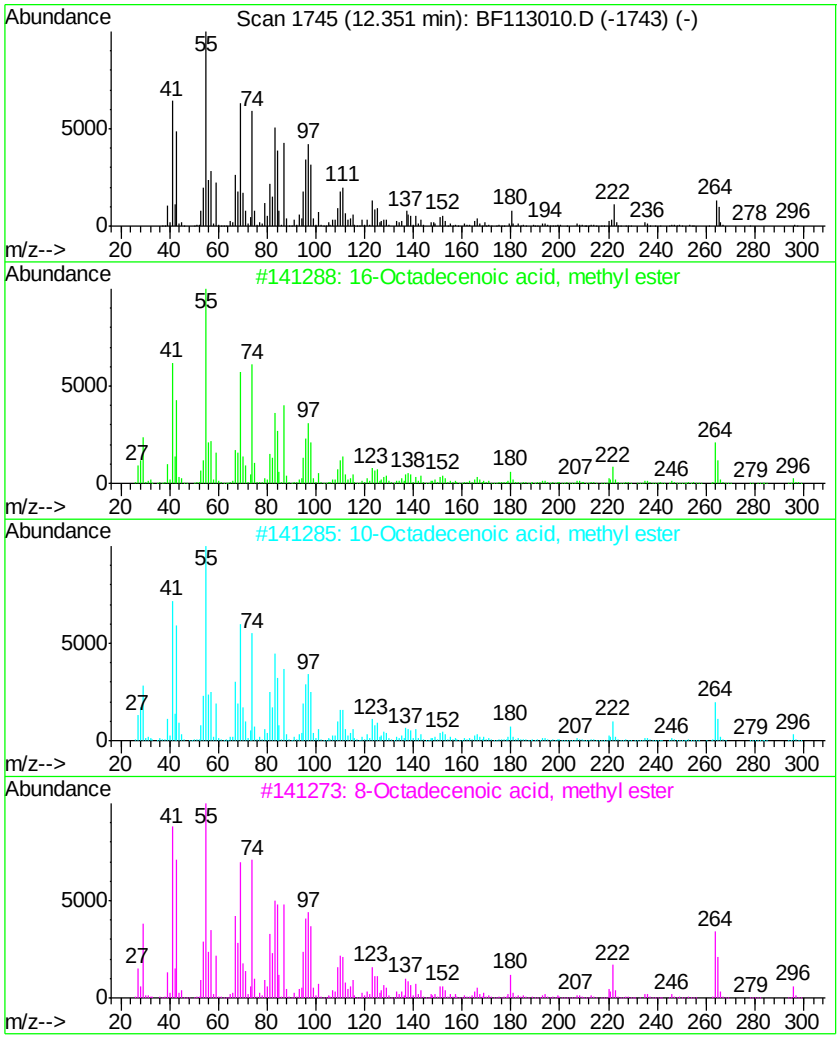
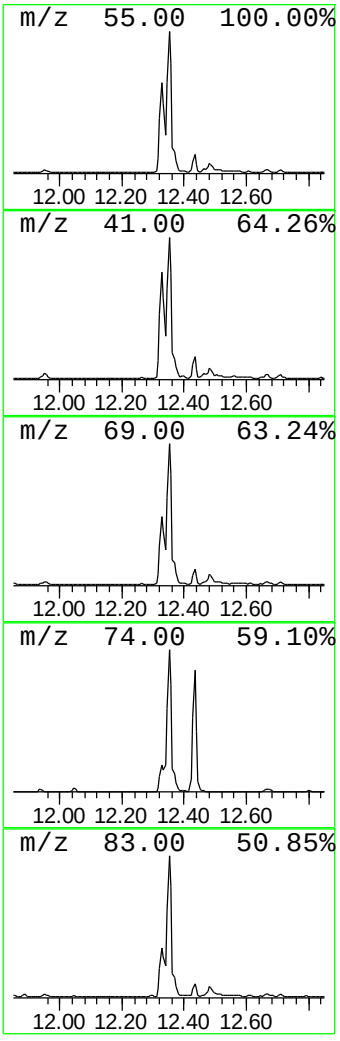
Peak Number 15 16-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	116.01 ng	6529100	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99





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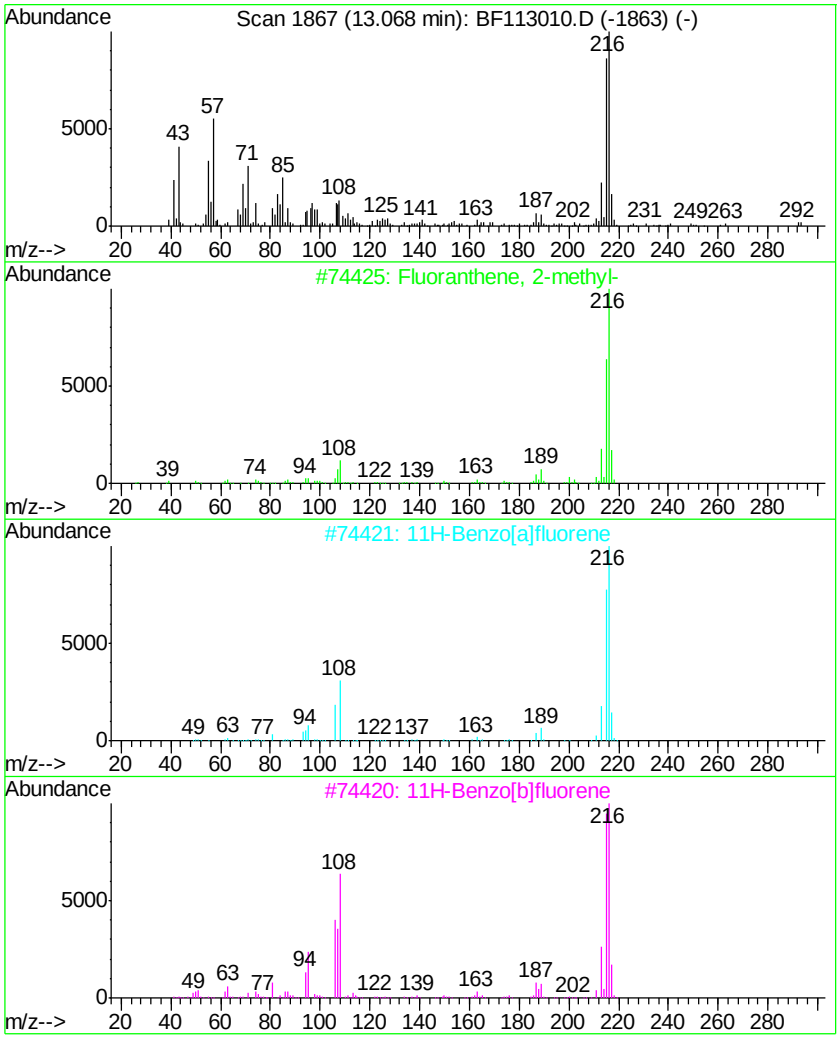
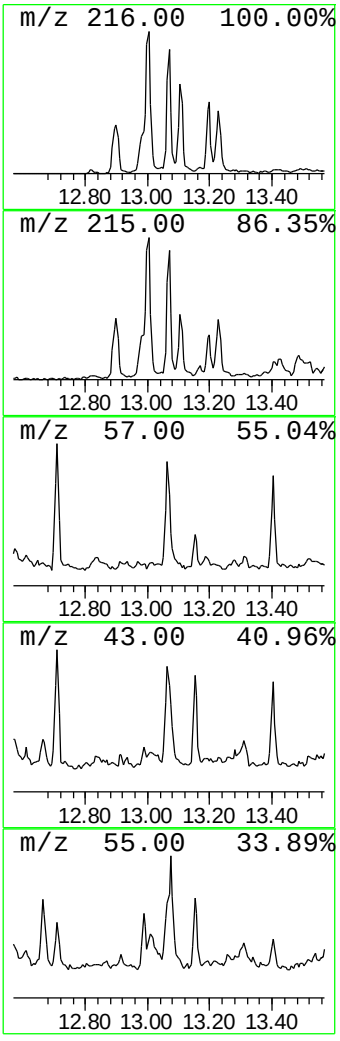
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	4.55 ng	395602	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	47





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TIC Integration Parameters: LSCINT.P

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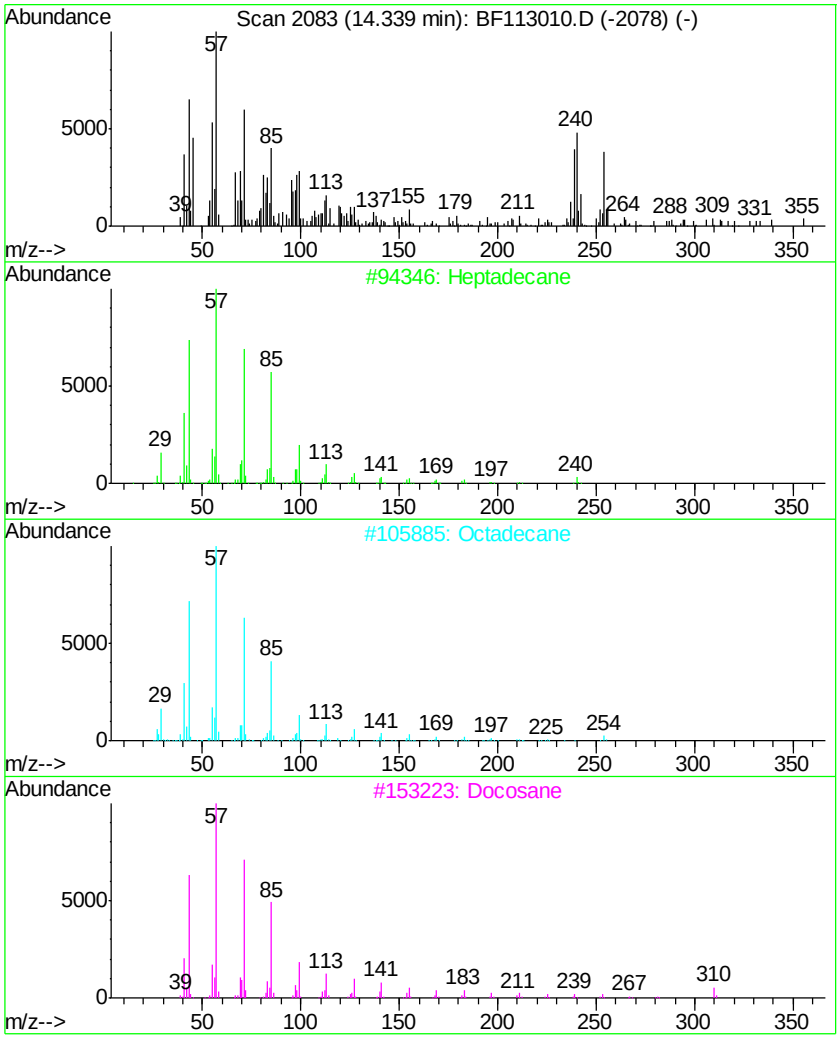
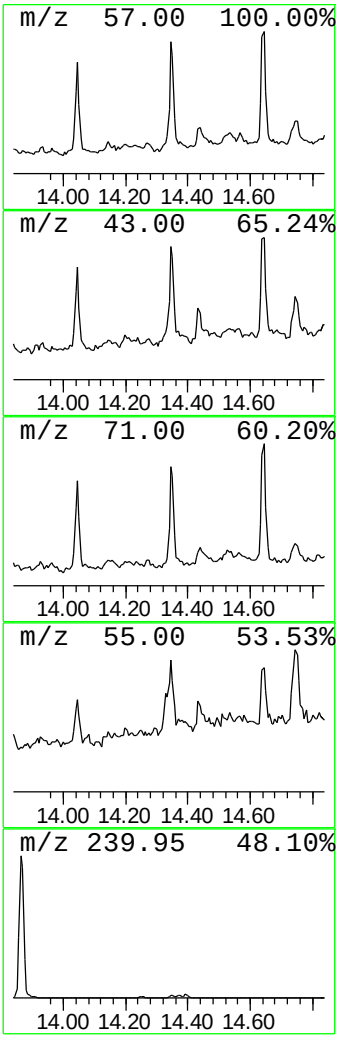
Peak Number 17 unknown14.34 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	4.00 ng	347646	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Octadecane	254	C18H38	000593-45-3	78
3	Docosane	310	C22H46	000629-97-0	70
4	Octadecane, 3-methyl-	268	C19H40	006561-44-0	52
5	Tetratetracontane	619	C44H90	007098-22-8	49





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TIC Integration Parameters: LSCINT.P

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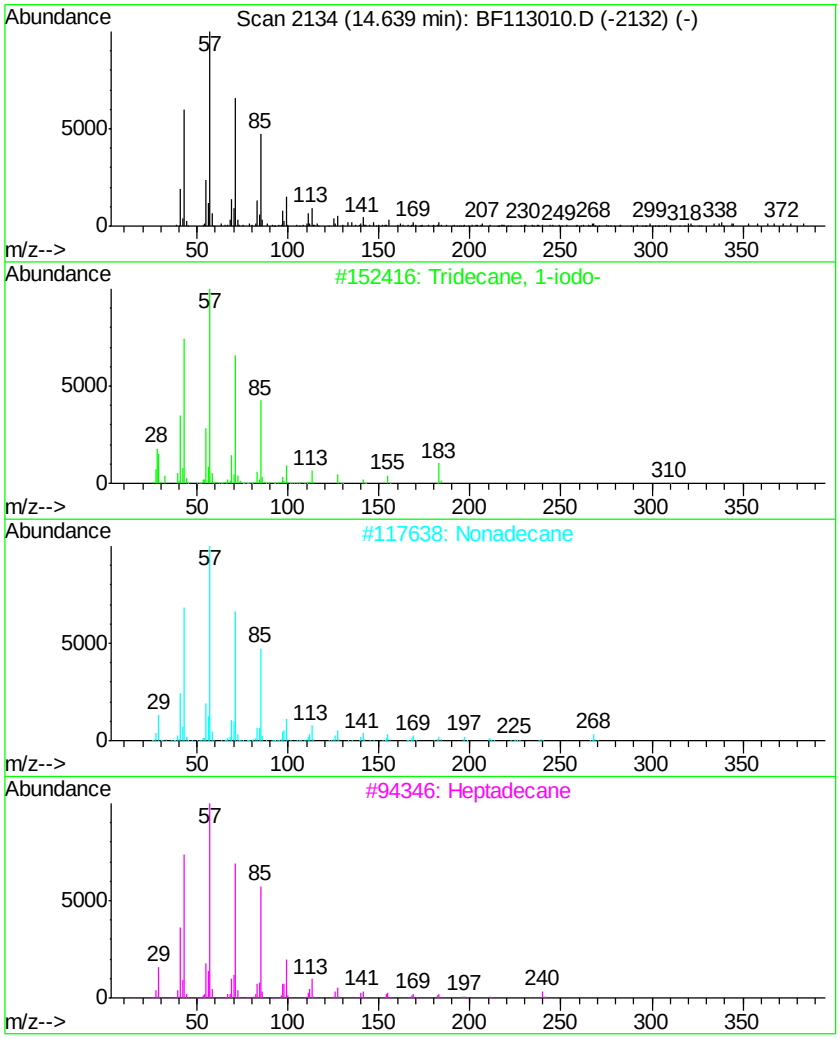
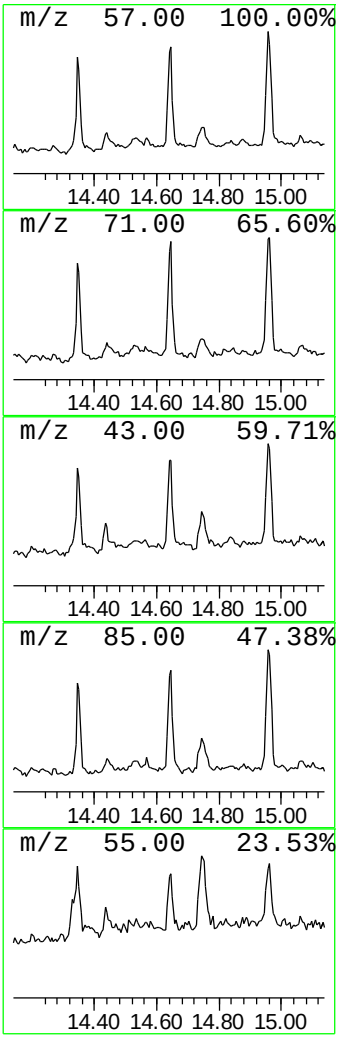
Peak Number 18 Tridecane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	3.50 ng	185038	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2	Nonadecane	268	C19H40	000629-92-5	87
3	Heptadecane	240	C17H36	000629-78-7	86
4	Hexacosane	366	C26H54	000630-01-3	86
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	86





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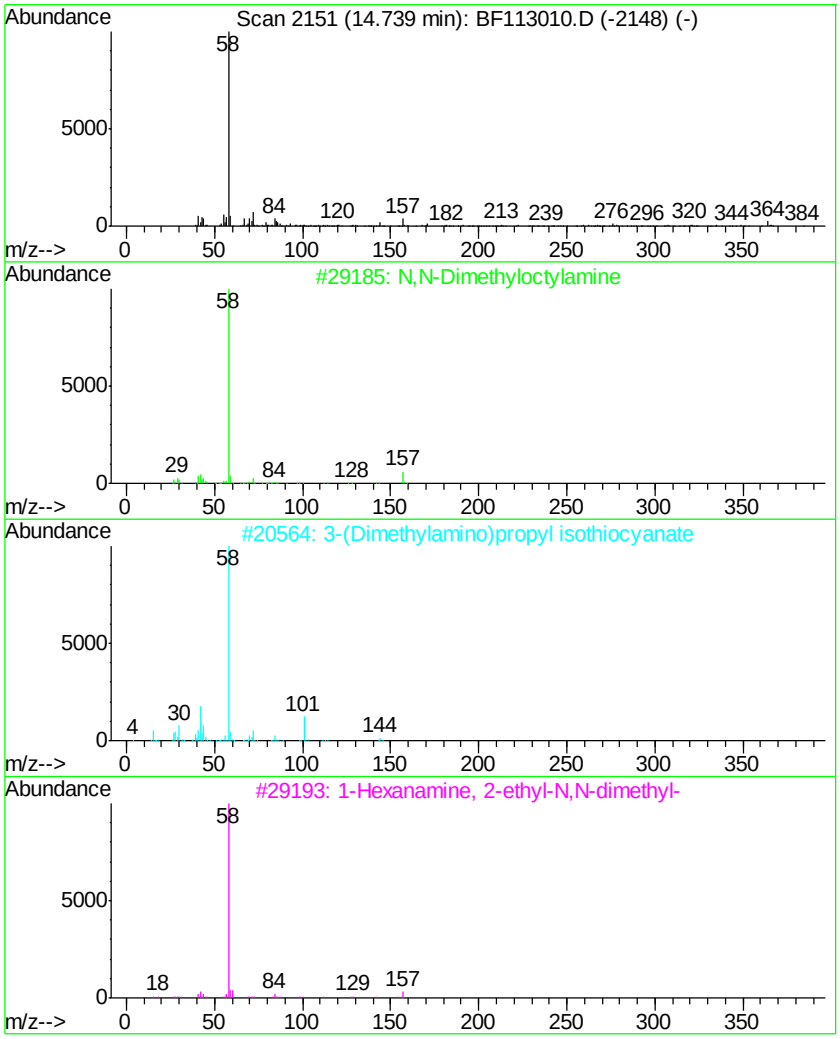
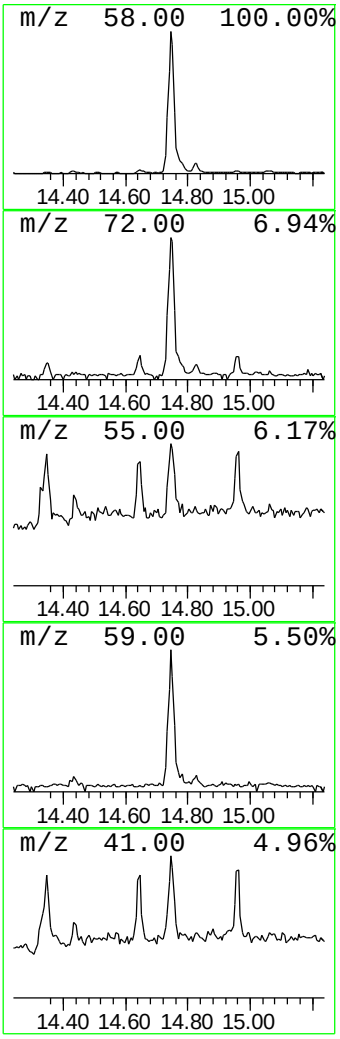
Peak Number 19 N,N-Dimethyloctylamine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	10.00 ng	528482	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	80
2	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
3	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
4	1,3-Propanediamine, N(1),N(1)-di...	234	C11H18N6	1000338-05-2	72
5	Dimantine	297	C20H43N	000124-28-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113010.D
Acq On : 12 Mar 2019 18:38
Operator : JU/SJ
Sample : K1697-07 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

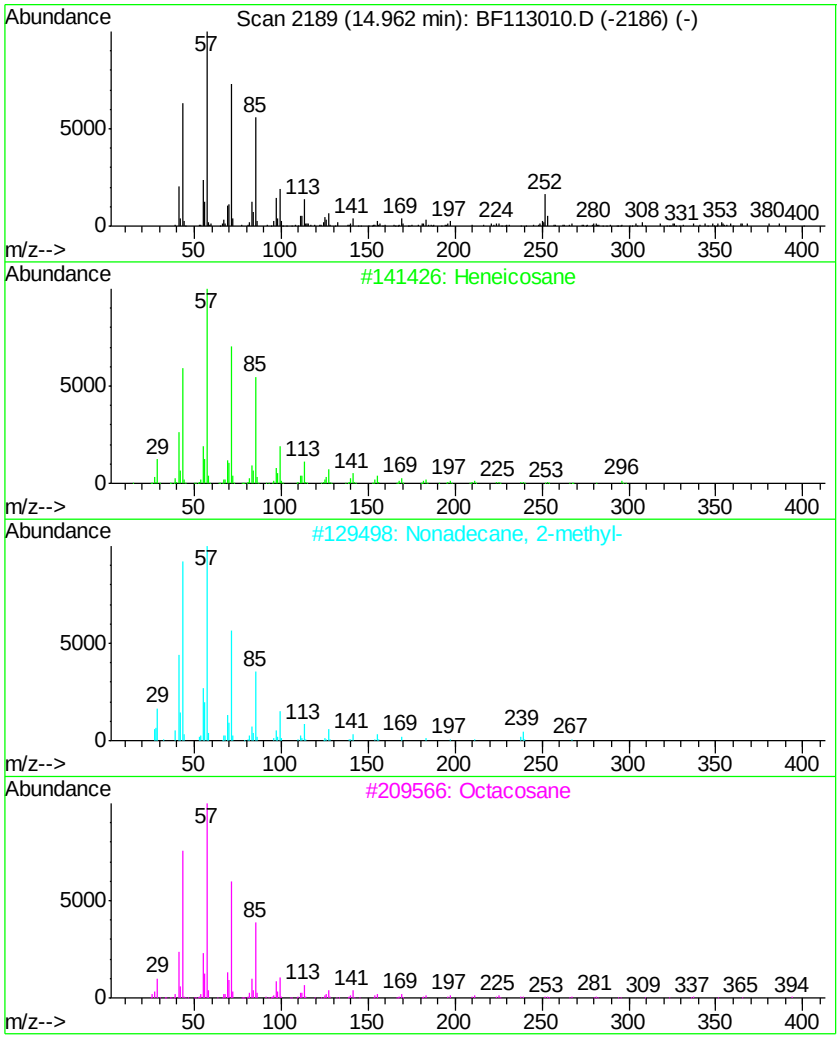
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

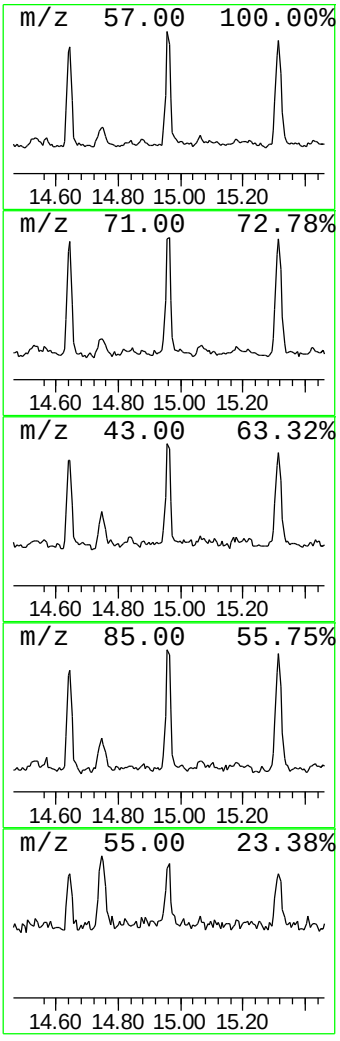
****

Peak Number 20 unknown14.96 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	4.80 ng	253410	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
3	Octacosane	394	C28H58	000630-02-4	83
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
5	Hexadecane	226	C16H34	000544-76-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
Data File : BF113010.D
Acq On : 12 Mar 2019 18:38
Operator : JU/SJ
Sample : K1697-07 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.50	6.50	12.5	ng	639688	1	6.73	1023130	20.0
Tridecane	8.62	4.0	ng	271428	2	8.01	1348500	20.0
Tetradecane	9.18	5.2	ng	340141	3	9.76	1319090	20.0
Heneicosane	9.71	4.9	ng	323105	3	9.76	1319090	20.0
Bacchotricuneatin c	10.20	4.7	ng	310439	3	9.76	1319090	20.0
Heptadecane	10.67	8.2	ng	463784	4	11.24	1125570	20.0
Octadecane	11.12	5.3	ng	297873	4	11.24	1125570	20.0
Pentadecane	11.55	4.3	ng	242976	4	11.24	1125570	20.0
Hexadecanoic acid...	11.65	39.9	ng	2246420	4	11.24	1125570	20.0
n-Hexadecanoic acid	11.77	3.6	ng	202411	4	11.24	1125570	20.0
4H-Cyclopenta[def...	11.85	3.3	ng	186173	4	11.24	1125570	20.0
Heptacosane	11.95	5.1	ng	287759	4	11.24	1125570	20.0
9,12-Octadecadien...	12.33	97.7	ng	5498760	4	11.24	1125570	20.0
16-Octadecenoic a...	12.35	116.0	ng	6529100	4	11.24	1125570	20.0
Fluoranthene, 2-m...	13.07	4.5	ng	395602	5	13.86	1737580	20.0
unknown14.34	14.34	4.0	ng	347646	5	13.86	1737580	20.0
Tridecane, 1-iodo-	14.64	3.5	ng	185038	6	15.27	1056950	20.0
N,N-Dimethyloctyl...	14.74	10.0	ng	528482	6	15.27	1056950	20.0
unknown14.96	14.96	4.8	ng	253410	6	15.27	1056950	20.0