LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111432.D
Acq On : 14 Dec 2018 21:25
Operator : JU/SJ
Sample : J6199-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121218-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-BF121418.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	5.410	561	565	582	rBV	920310	845623	8.53%	1.904%
2	6.428	735	738	750	rBV	1027027	949464	9.58%	2.137%
3	6.563	757	761	769	rBV	1108500	897199	9.05%	2.020%
4	6.792	796	800	808	rBV	1353127	1084219	10.94%	2.441%
5	6.945	823	826	830	rBV	781244	701157	7.07%	1.578%
6	7.345	886	894	901	rBV	581797	582898	5.88%	1.312%
7	8.075	1013	1018	1021	rBV	1728382	1447830	14.61%	3.259%
8	8.675	1116	1120	1123	rBV	160934	131877	1.33%	0.297%
9	8.886	1152	1156	1160	rBV2	80559	115189	1.16%	0.259%
10	9.151	1197	1201	1206	rBV	1089439	917733	9.26%	2.066%
11	9.239	1213	1216	1220	rBV2	221550	193551	1.95%	0.436%
12	9.410	1240	1245	1251	rBV5	71489	121284	1.22%	0.273%
13	9.545	1265	1268	1269	rBV	120073	102185	1.03%	0.230%
14	9.769	1303	1306	1310	rVB	269186	207132	2.09%	0.466%
15	9.827	1313	1316	1320	rVB	1430400	1256074	12.67%	2.828%
16	10.269	1388	1391	1394	rVB	290566	227266	2.29%	0.512%
17	10.374	1406	1409	1415	rBV	130654	150193	1.52%	0.338%
18	10.486	1422	1428	1433	rBV	117946	163368	1.65%	0.368%
19	10.616	1445	1450	1454	rBV	408761	426021	4.30%	0.959%
20	10.739	1468	1471	1479	rVB	331974	355505	3.59%	0.800%
21	11.186	1544	1547	1549	rBV	262773	198078	2.00%	0.446%
22	11.216	1549	1552	1559	rVB2	120302	163119	1.65%	0.367%
23	11.310	1565	1568	1570	rBV	1116905	964436	9.73%	2.171%
24	11.333	1570	1572	1576	rVV	738604	612296	6.18%	1.378%
25	11.386	1578	1581	1585	rVB	165362	149439	1.51%	0.336%
26	11.616	1616	1620	1622	rBV2	223748	193708	1.95%	0.436%
27	11.715	1633	1637	1640	rBV	3783151	3186645	32.15%	7.174%
28	11.815	1651	1654	1656	rBV	150030	127311	1.28%	0.287%
29	11.845	1656	1659	1663	rVB	363156	328146	3.31%	0.739%
30	11.921	1669	1672	1675	rBV2	213509	240085	2.42%	0.540%
31	12.021	1683	1689	1692	rBV	193726	231427	2.34%	0.521%
32	12.110	1701	1704	1713	rVB4	105145	163633	1.65%	0.368%
33	12.363	1744	1747	1749	rBV	134598	123018	1.24%	0.277%
34	12.404	1749	1754	1756	rVV	9389003	9910945	100.00%	22.311%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111432.D
Acq On : 14 Dec 2018 21:25
Operator : JU/SJ
Sample : J6199-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121218-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-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.427	1756	1758	1764	rVV	7793750	6836313	68.98%	15.390%
36	12.504	1768	1771	1773	rBV	1555022	1359807	13.72%	3.061%
37	12.527	1773	1775	1778	rVV	840574	848410	8.56%	1.910%
38	12.557	1778	1780	1783	rVB	257527	226959	2.29%	0.511%
39	12.751	1808	1813	1816	rBV	964389	1204224	12.15%	2.711%
40	12.780	1816	1818	1821	rVB	148387	112351	1.13%	0.253%
41	12.898	1835	1838	1842	rVB	655361	593227	5.99%	1.335%
42	12.968	1848	1850	1855	rBV2	71061	123067	1.24%	0.277%
43	13.062	1863	1866	1868	rBV2	288894	311389	3.14%	0.701%
44	13.080	1868	1869	1876	rVV	282341	254713	2.57%	0.573%
45	13.145	1876	1880	1884	rVV2	253005	372638	3.76%	0.839%
46	13.186	1884	1887	1891	rBV2	107142	108674	1.10%	0.245%
47	13.227	1891	1894	1897	rBV	167260	147017	1.48%	0.331%
48	13.480	1934	1937	1939	rBV	138328	112191	1.13%	0.253%
49	13.804	1990	1992	1996	rVB	147127	144798	1.46%	0.326%
50	13.898	2005	2008	2010	rBV	137412	112908	1.14%	0.254%
51	13.951	2012	2017	2019	rVV2	1242568	1501237	15.15%	3.380%
52	13.974	2019	2021	2029	rVB	443738	427282	4.31%	0.962%
53	14.121	2044	2046	2051	rVB2	146090	142959	1.44%	0.322%
54	14.427	2096	2098	2101	rVB3	192393	161704	1.63%	0.364%
55	14.727	2147	2149	2152	rBV	143341	135924	1.37%	0.306%
56	14.839	2164	2168	2172	rBV	203806	290031	2.93%	0.653%
57	14.974	2188	2191	2201	rVB	304537	627629	6.33%	1.413%
58	15.327	2248	2251	2255	rVB	195766	209153	2.11%	0.471%
59	15.386	2258	2261	2265	rBV	478597	589194	5.94%	1.326%

Sum of corrected areas: 44421853

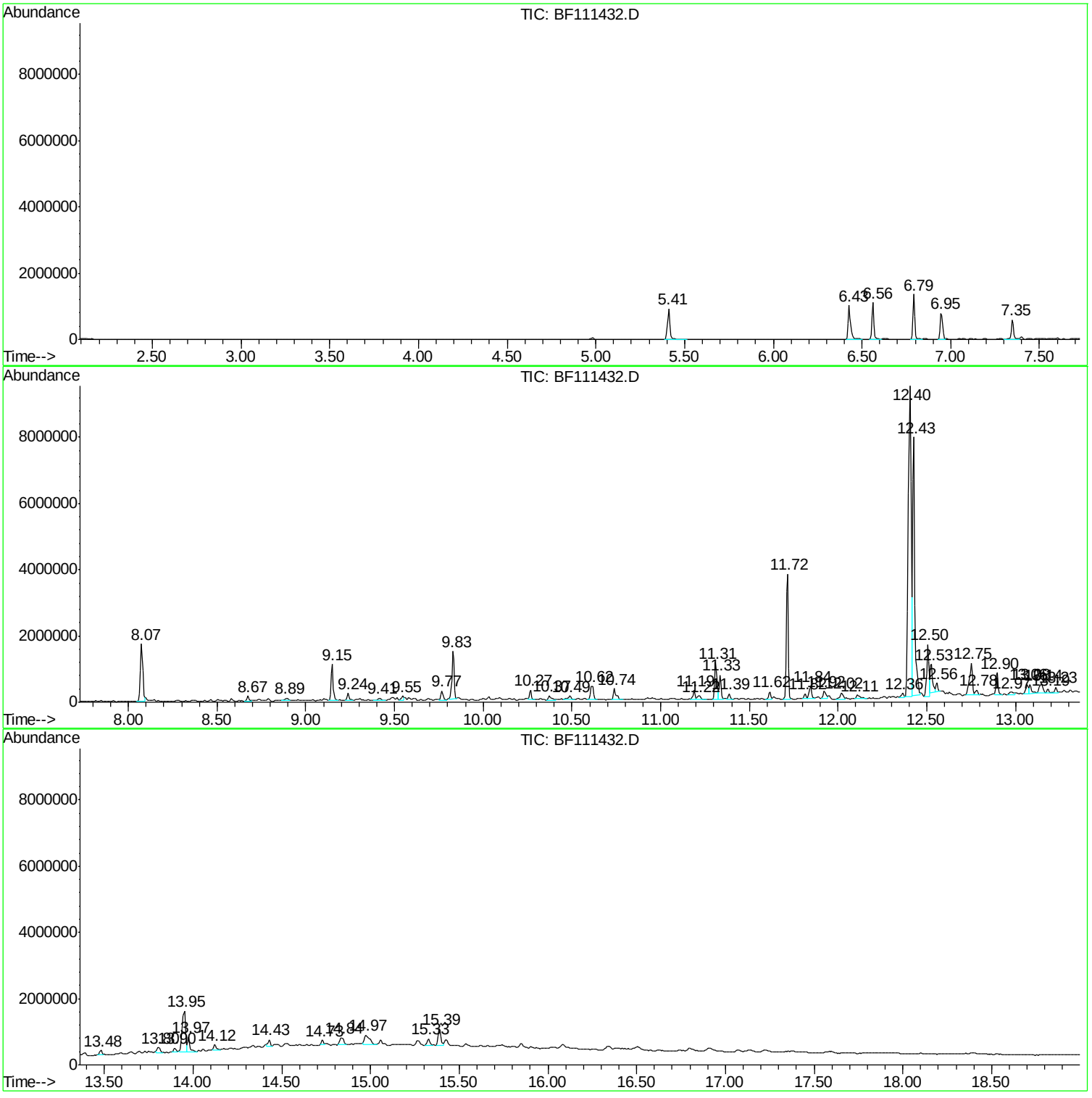
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111432.D
Acq On : 14 Dec 2018 21:25
Operator : JU/SJ
Sample : J6199-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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\BF121418\
Data File : BF111432.D
Acq On : 14 Dec 2018 21:25
Operator : JU/SJ
Sample : J6199-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

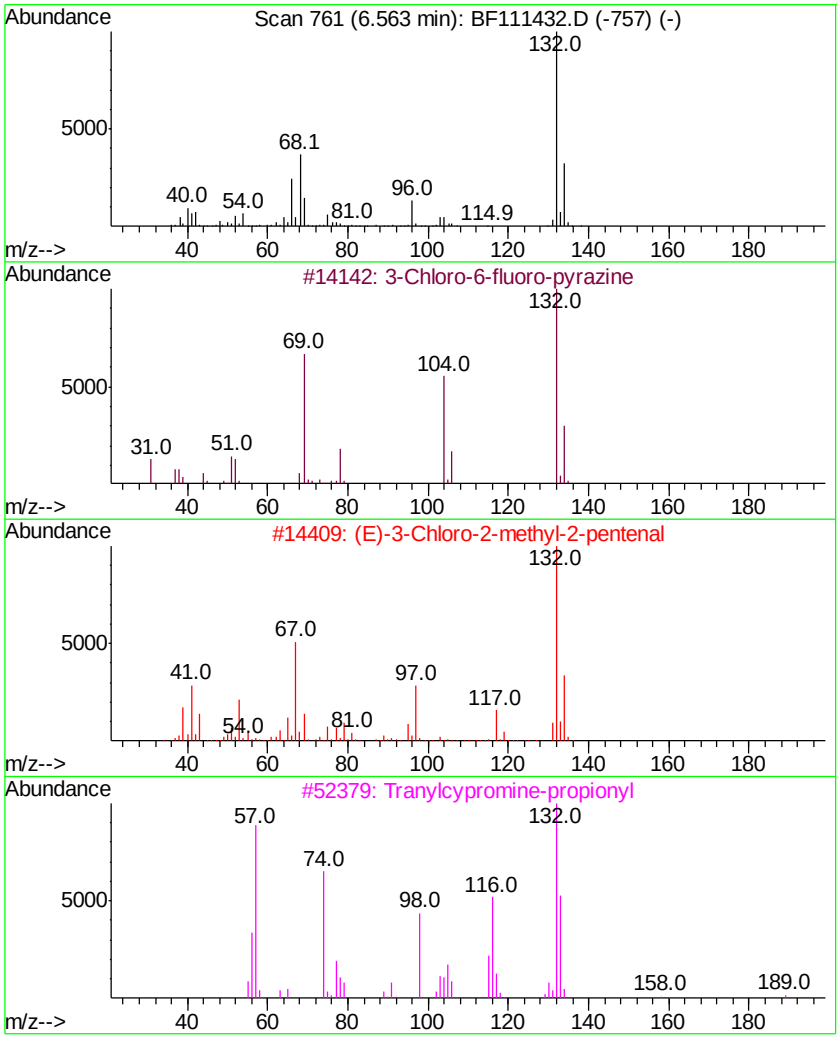
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

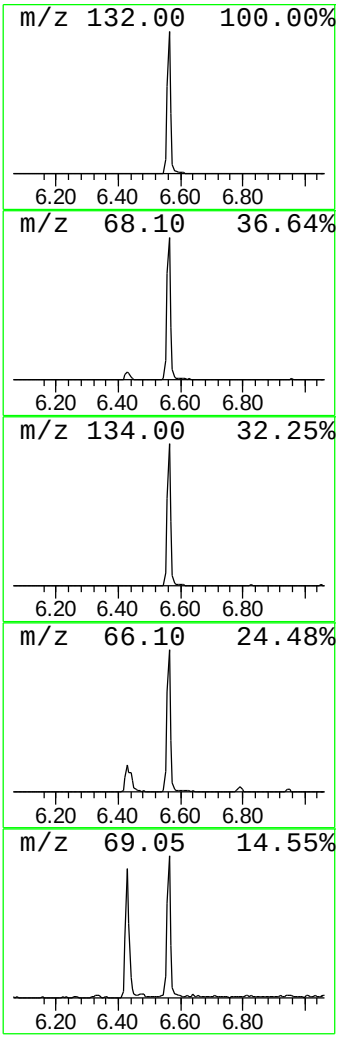
****

Peak Number 1 unknown6.56 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	16.55 ng	897199	1,4-Dichlorobenzene-d4	6.79

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111432.D
Acq On : 14 Dec 2018 21:25
Operator : JU/SJ
Sample : J6199-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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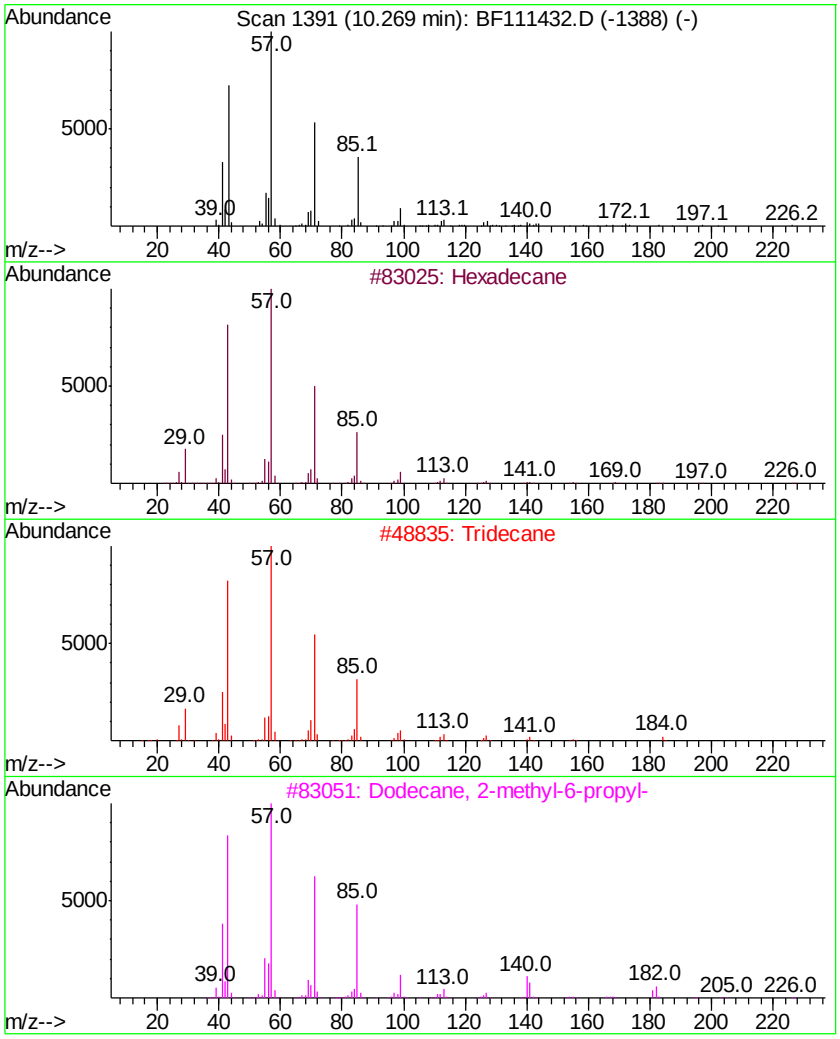
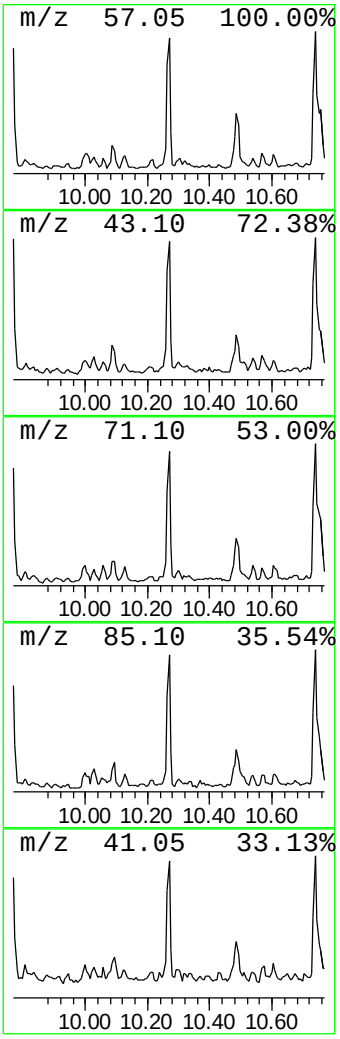
Peak Number 4 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	3.62 ng	227266	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tridecane	184	C13H28	000629-50-5	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Tetradecane	198	C14H30	000629-59-4	80
5	Pentadecane	212	C15H32	000629-62-9	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111432.D
Acq On : 14 Dec 2018 21:25
Operator : JU/SJ
Sample : J6199-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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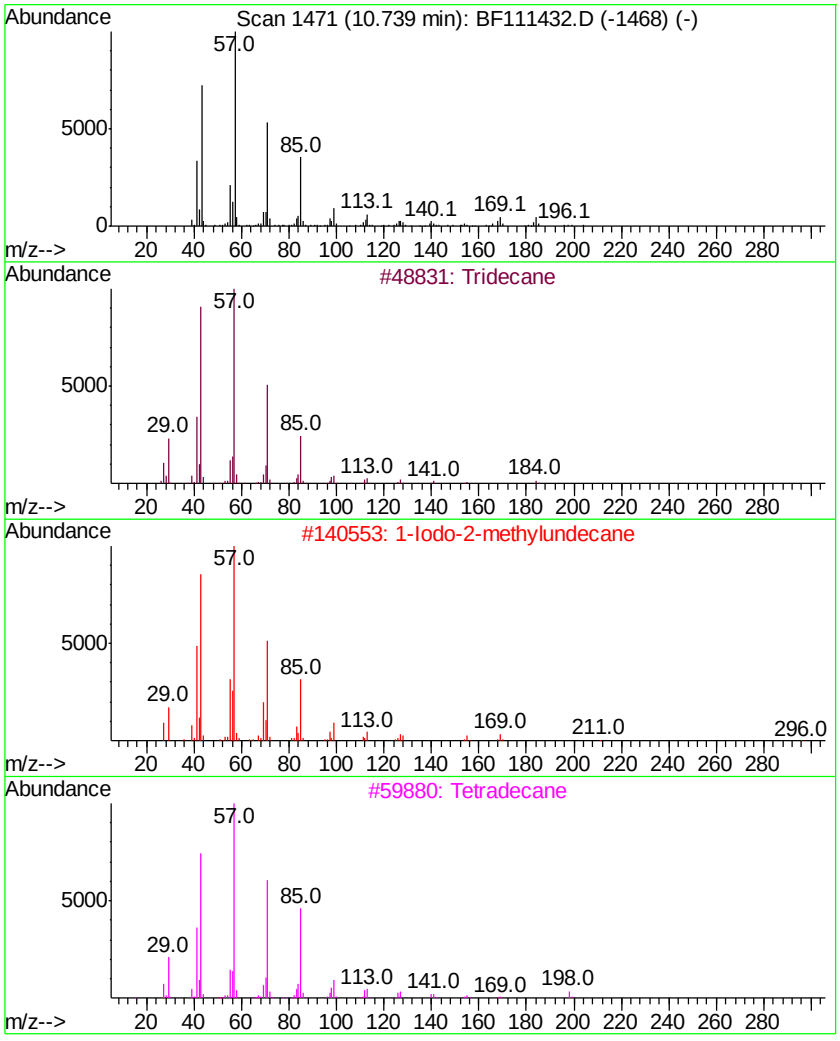
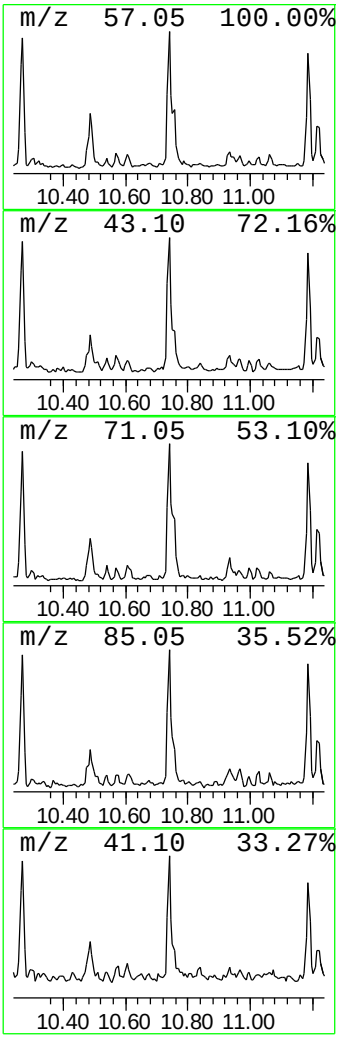
Peak Number 5 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	7.37 ng	355505	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86
3	Tetradecane	198	C14H30	000629-59-4	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111432.D
Acq On : 14 Dec 2018 21:25
Operator : JU/SJ
Sample : J6199-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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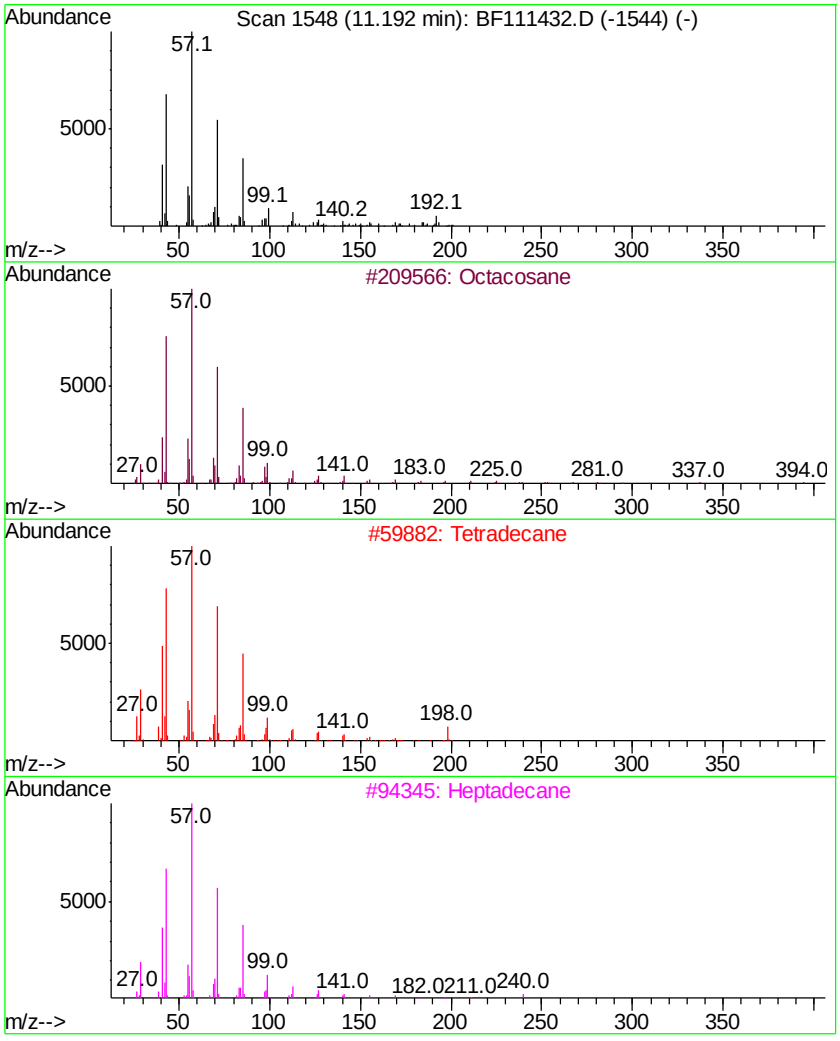
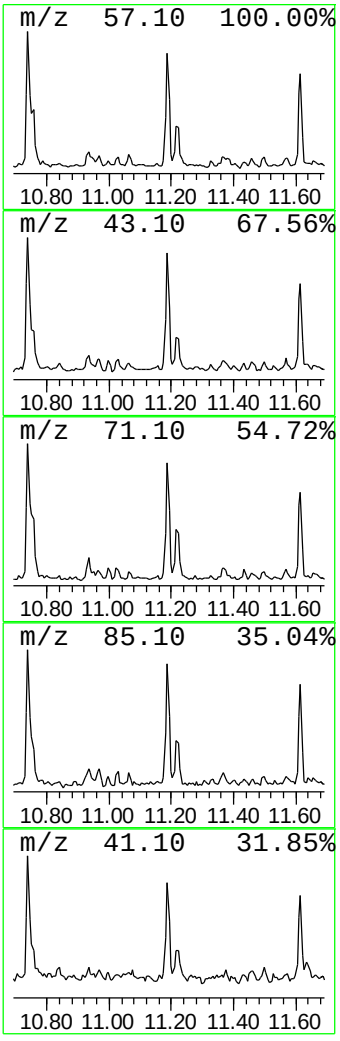
Peak Number 6 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	4.11 ng	198078	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Pentadecane	212	C15H32	000629-62-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111432.D
Acq On : 14 Dec 2018 21:25
Operator : JU/SJ
Sample : J6199-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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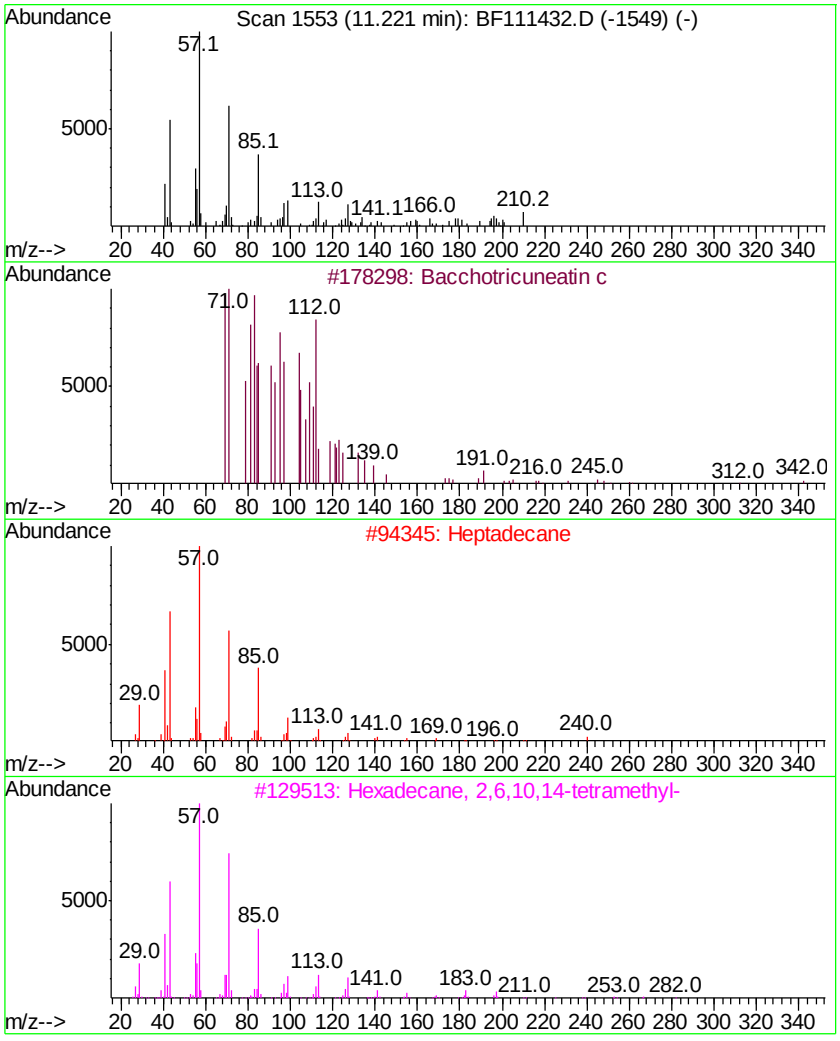
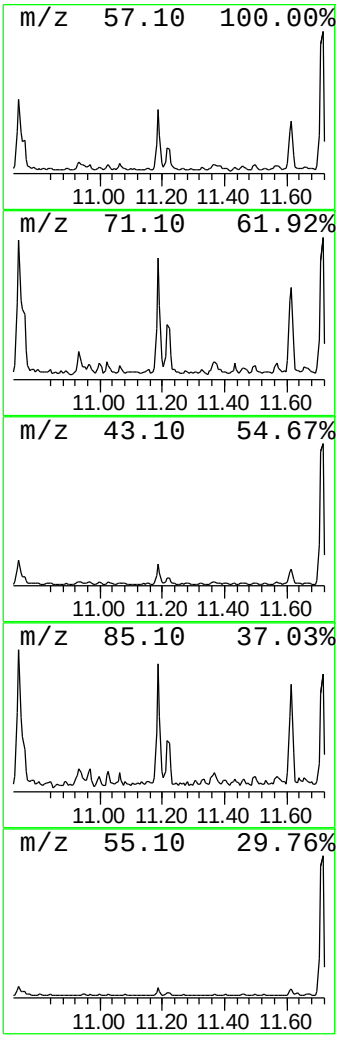
Peak Number 7 Bacchotricuneatin c Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	3.38 ng	163119	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	90
2	Heptadecane	240	C17H36	000629-78-7	64
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59
5	Octadecane	254	C18H38	000593-45-3	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111432.D
Acq On : 14 Dec 2018 21:25
Operator : JU/SJ
Sample : J6199-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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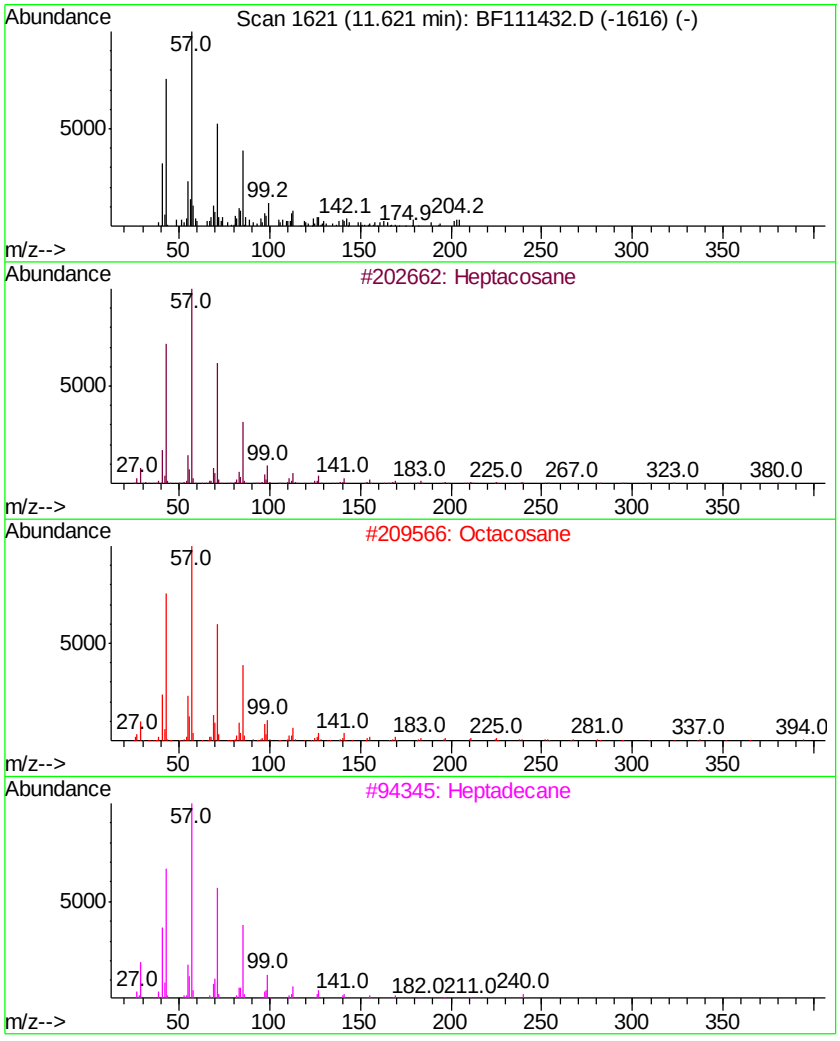
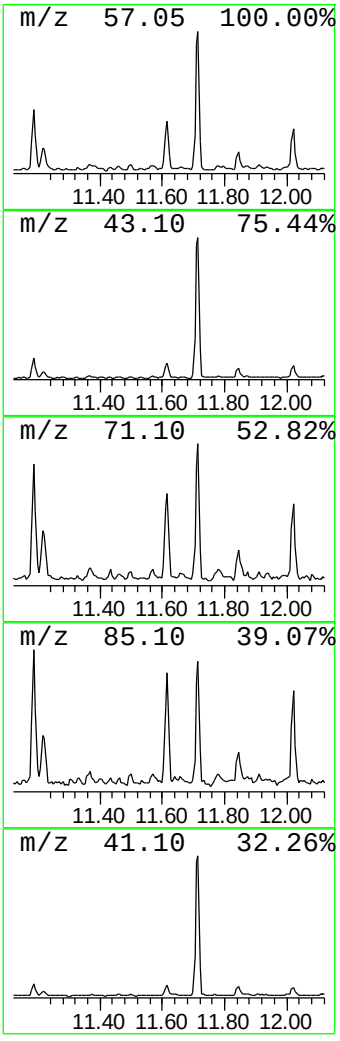
Peak Number 8 Heptacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	4.02 ng	193708	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Heptadecane	240	C17H36	000629-78-7	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Heneicosane	296	C21H44	000629-94-7	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111432.D
Acq On : 14 Dec 2018 21:25
Operator : JU/SJ
Sample : J6199-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

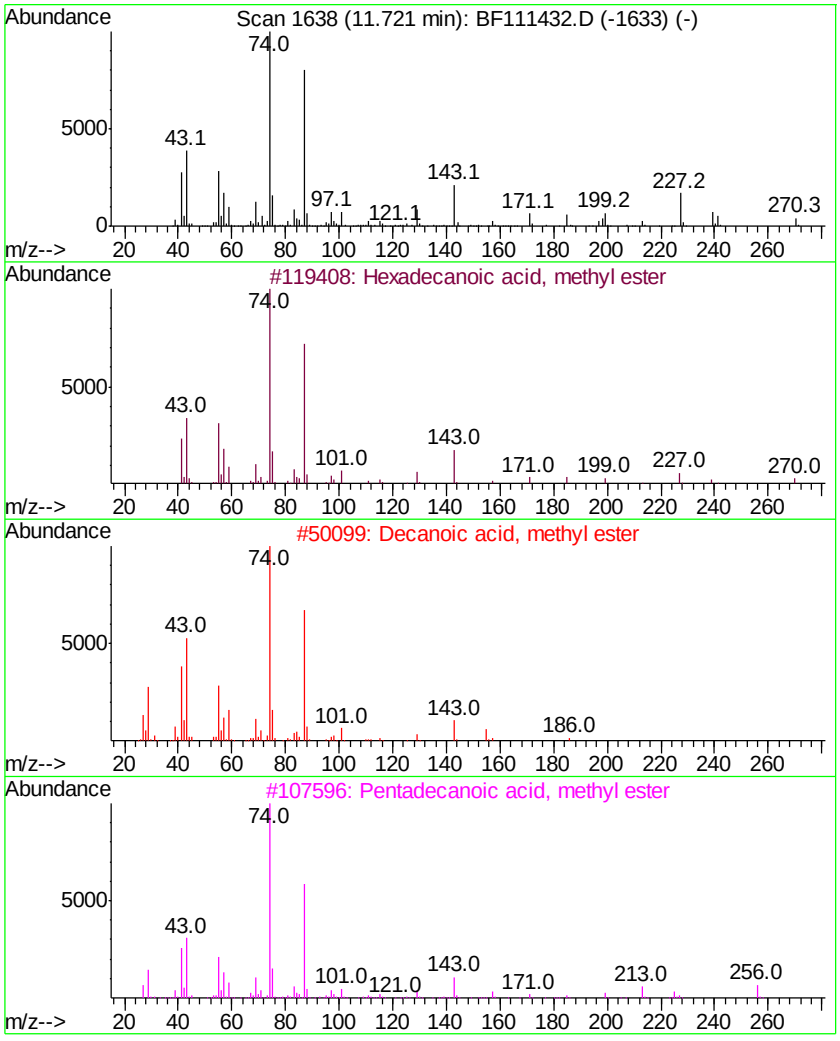
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

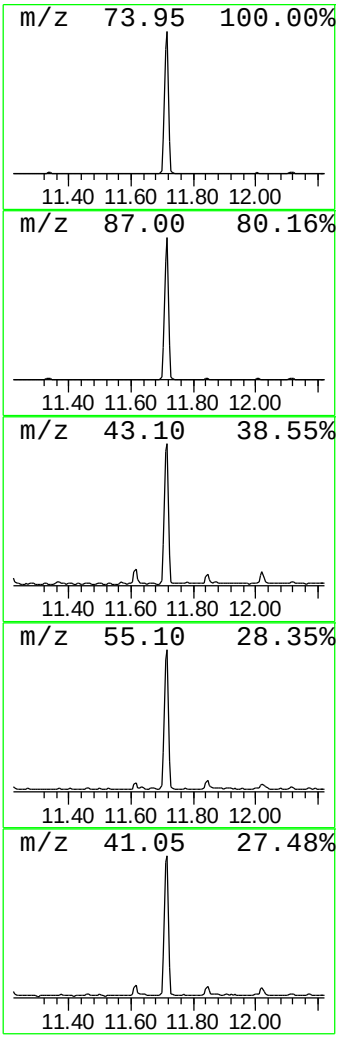
****

Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	66.08 ng	3186650	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
2	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111432.D
Acq On : 14 Dec 2018 21:25
Operator : JU/SJ
Sample : J6199-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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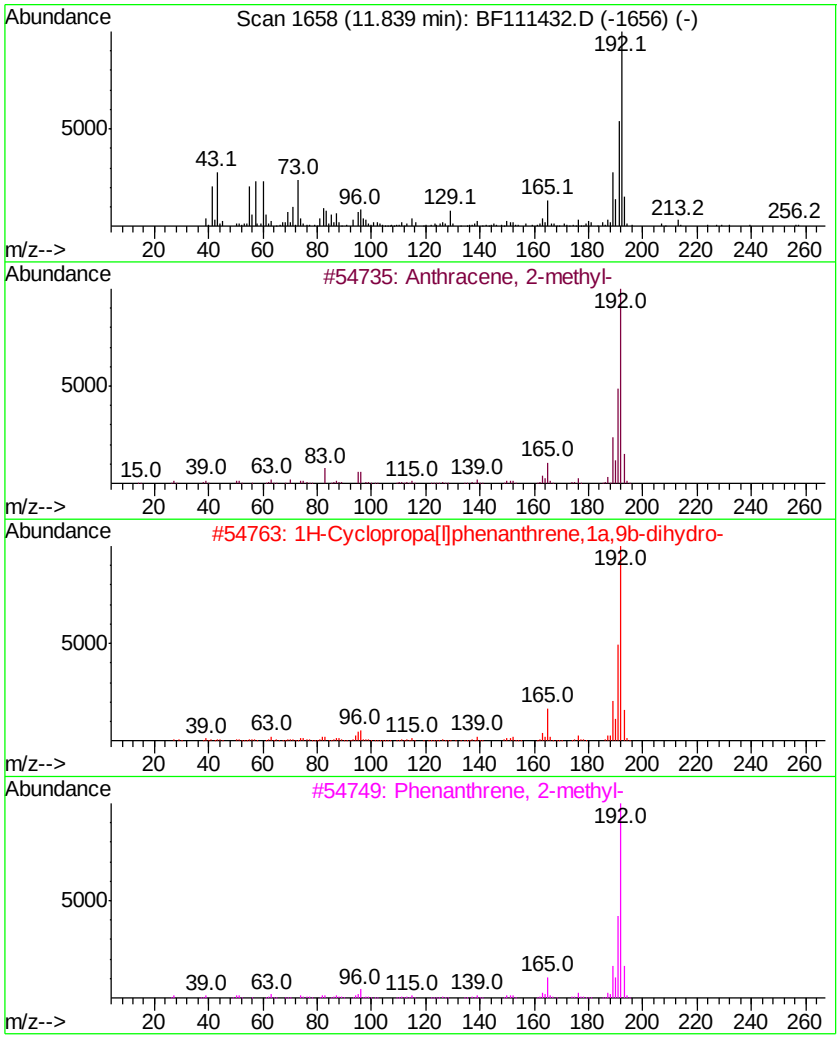
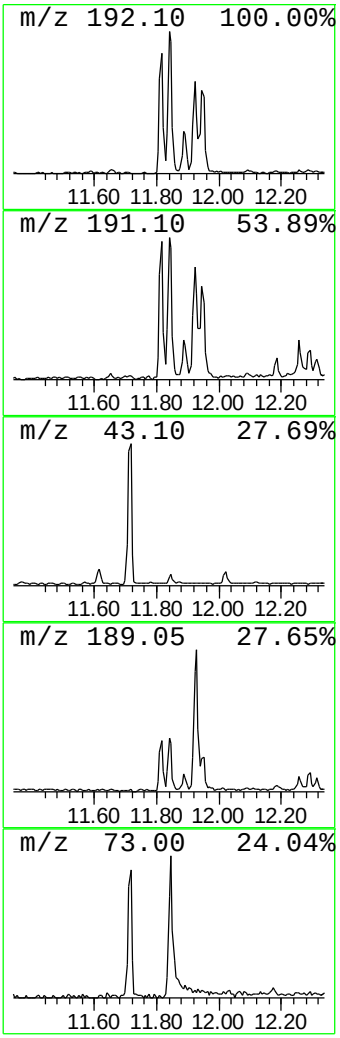
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	6.80 ng	328146	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96





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Acq On : 14 Dec 2018 21:25
Operator : JU/SJ
Sample : J6199-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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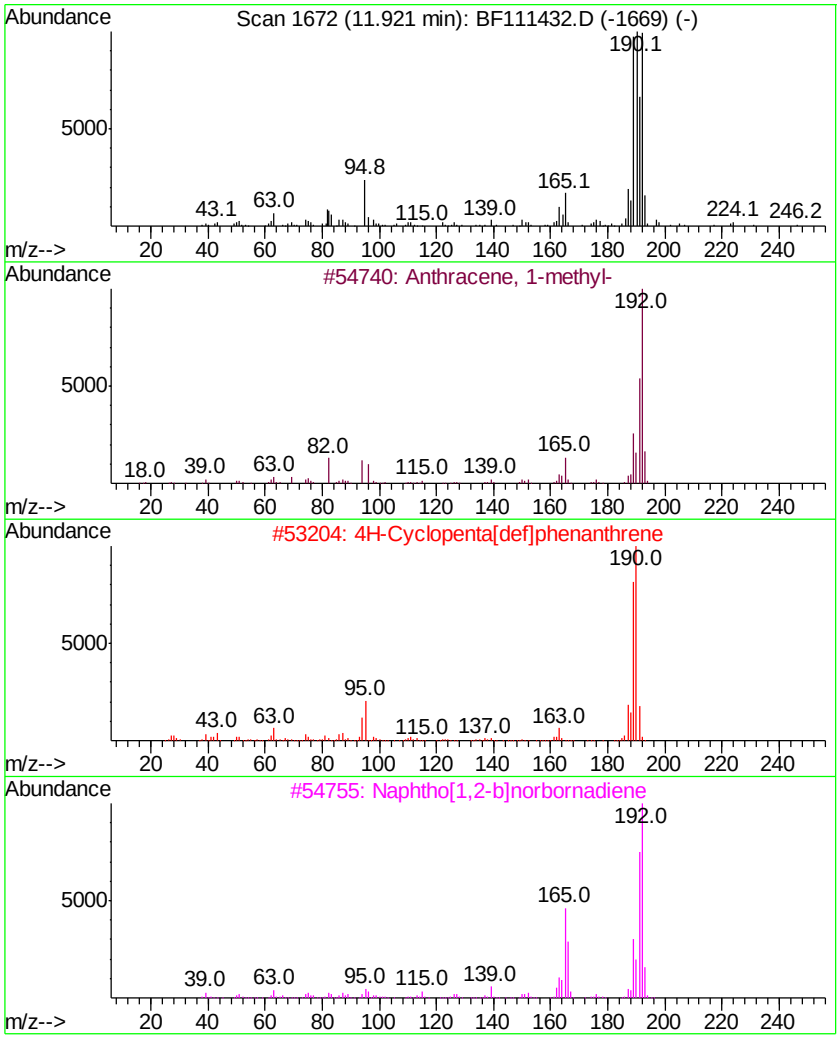
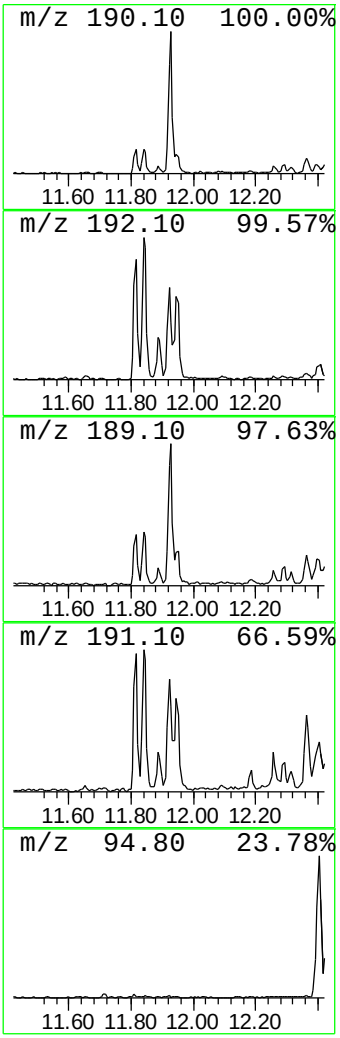
Peak Number 11 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.98 ng	240085	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46





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Sample : J6199-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121218-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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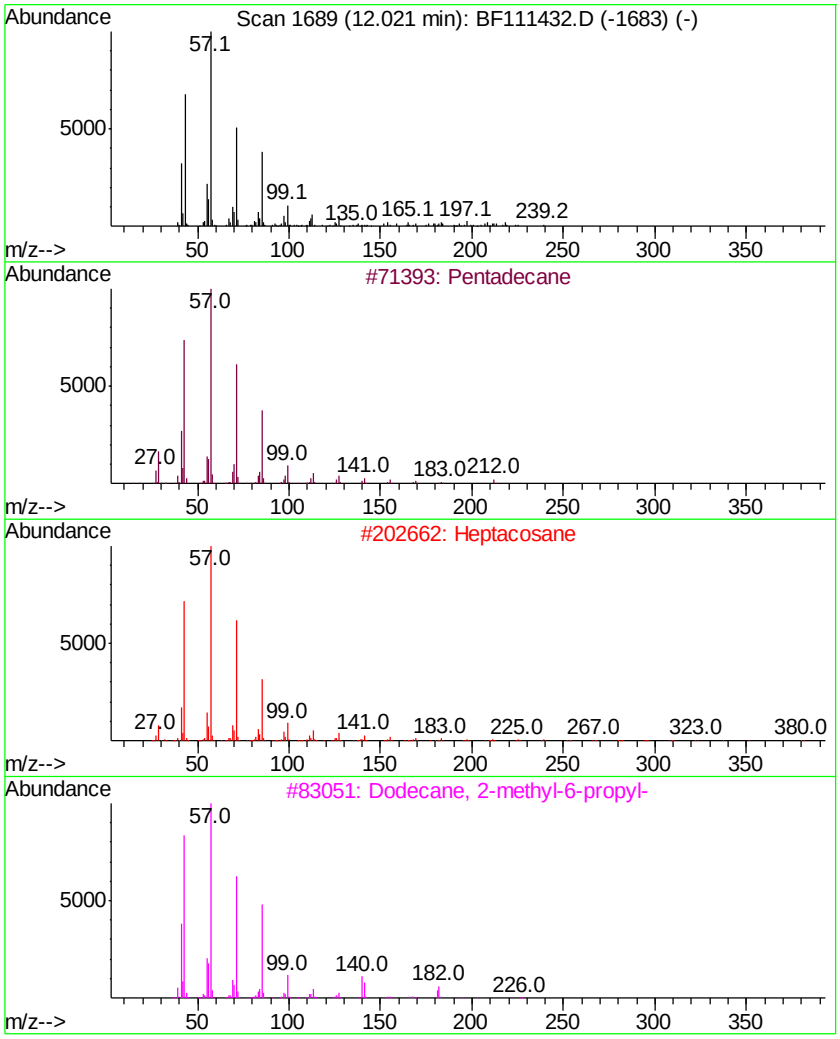
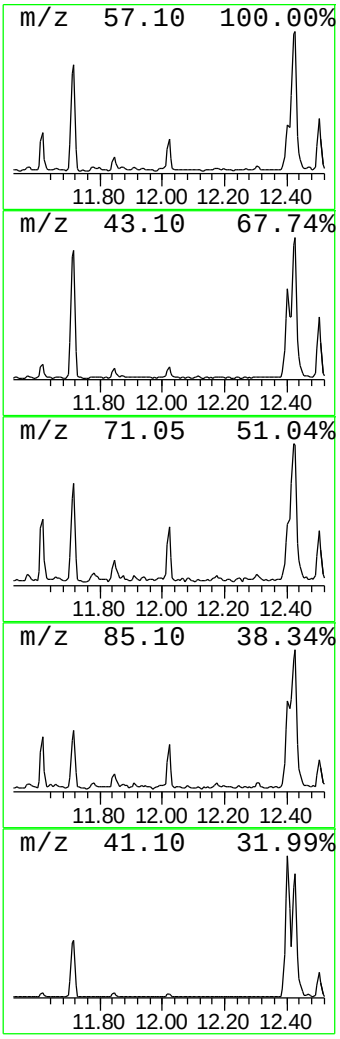
Peak Number 12 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.80 ng	231427	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80





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Sample : J6199-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121218-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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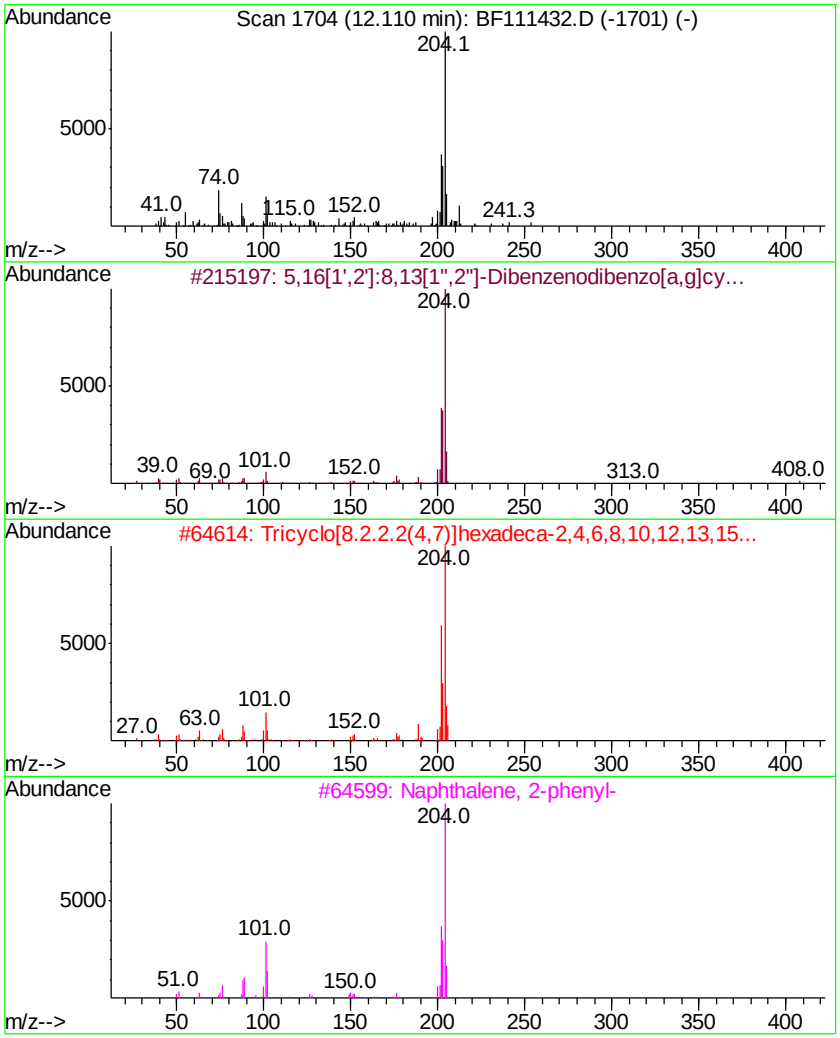
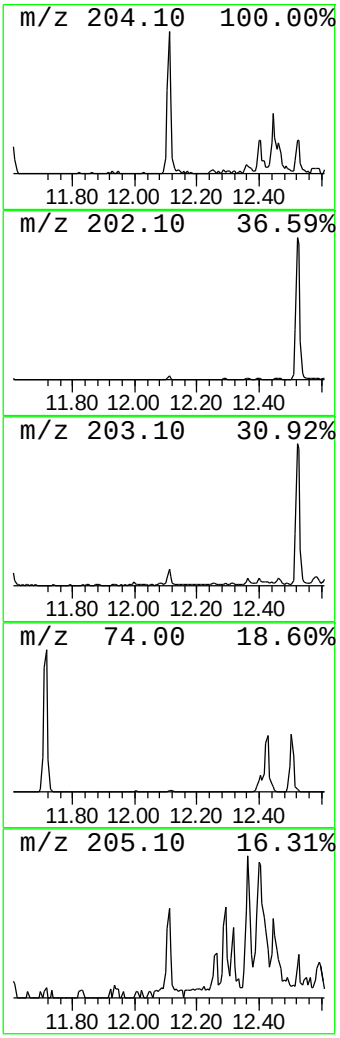
Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	3.39 ng	163633	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50





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Misc :
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Instrument : BNA_F
ClientSampleId : SU-04-121218-B

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TIC Integration Parameters: LSCINT.P

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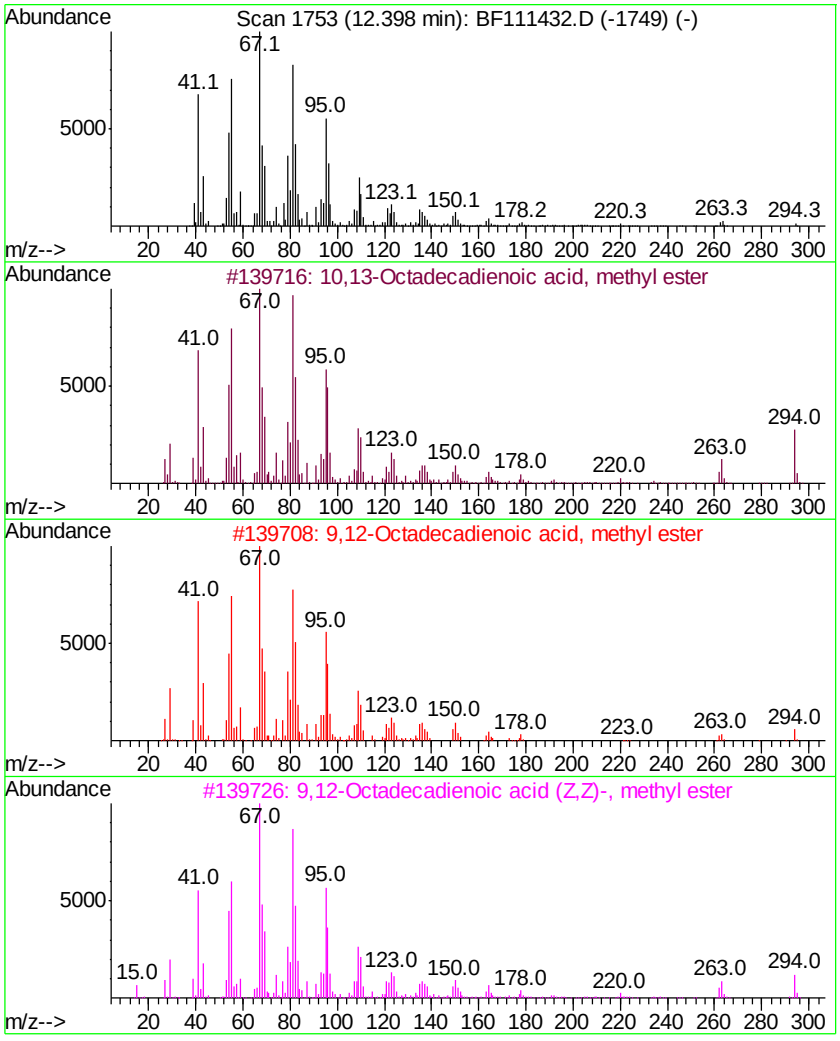
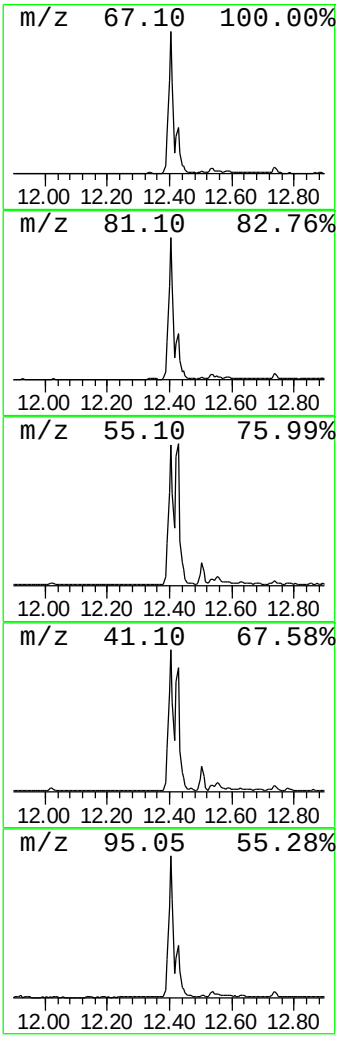
Peak Number 14 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	205.53 ng	9910950	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





Library Search Compound Report

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Operator : JU/SJ
Sample : J6199-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId : SU-04-121218-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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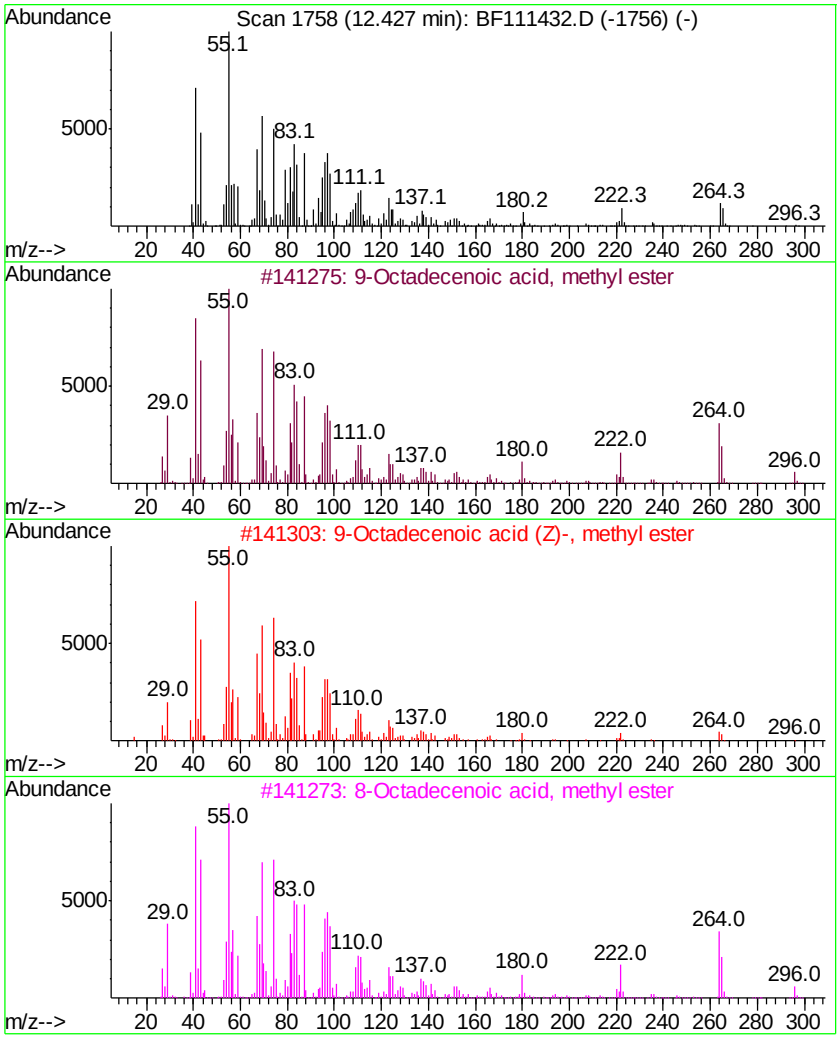
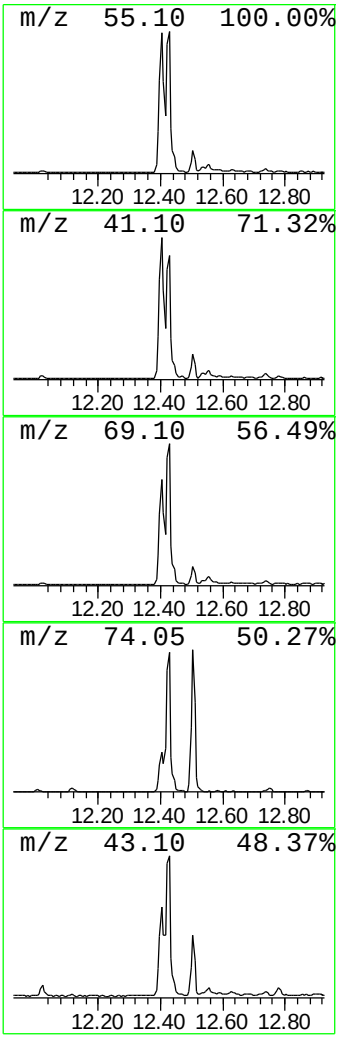
Peak Number 15 9-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	141.77 ng	6836310	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	98





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Sample : J6199-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121218-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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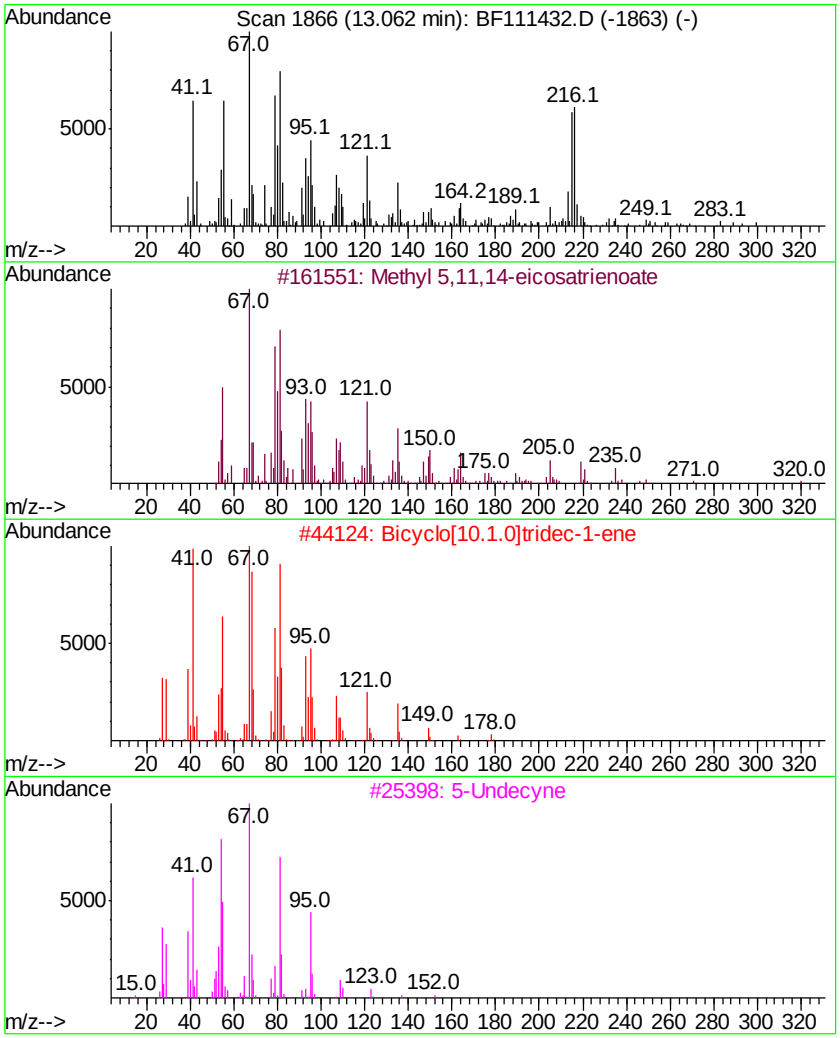
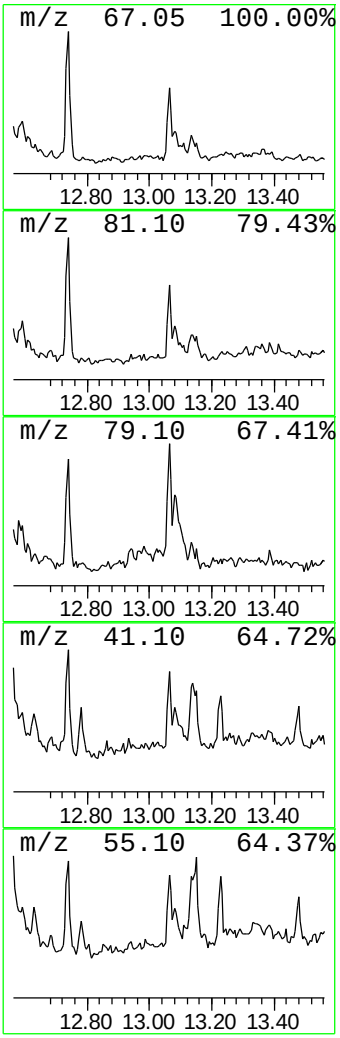
Peak Number 16 Methyl 5,11,14-eicosatrienoate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	4.15 ng	311389	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	64
2	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	55
3	5-Undecyne	152	C11H20	002294-72-6	50
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	45
5	13-Tetradece-11-yn-1-ol	208	C14H24O	1000131-00-4	43





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Operator : JU/SJ
Sample : J6199-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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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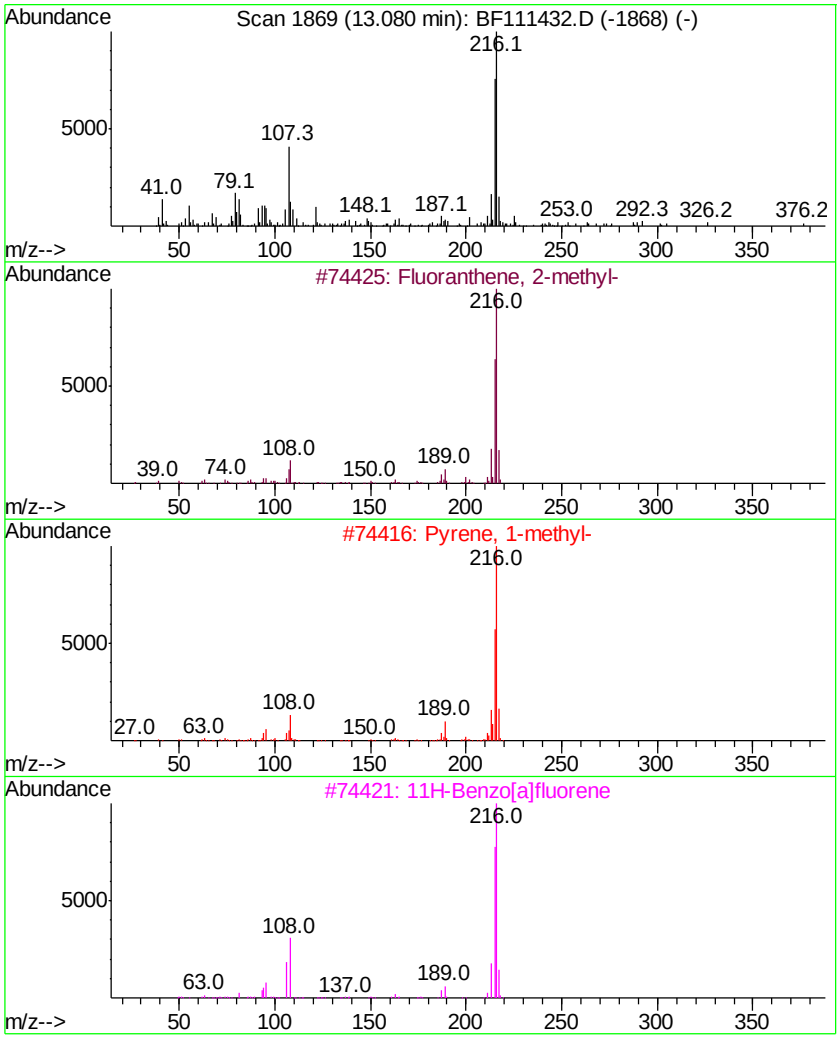
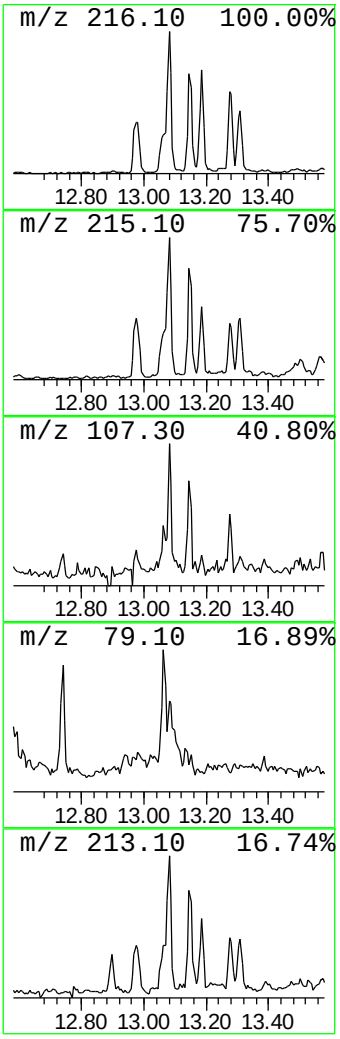
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	3.39 ng	254713	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





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Sample : J6199-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121218-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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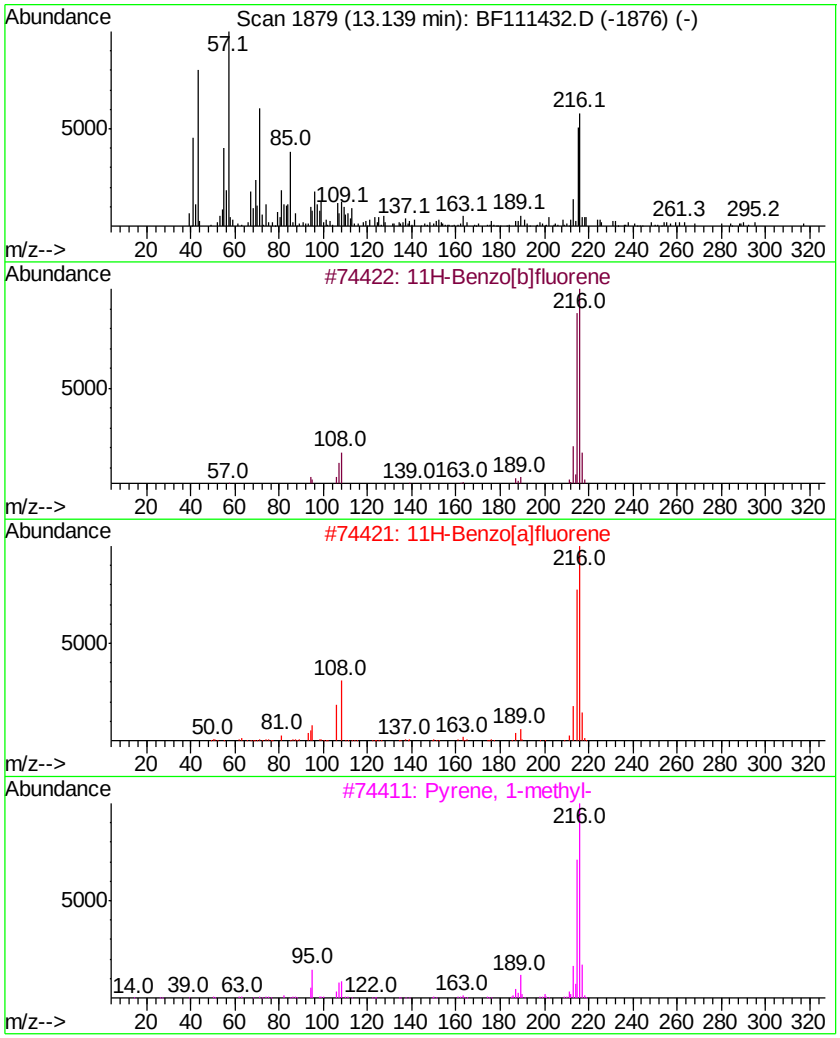
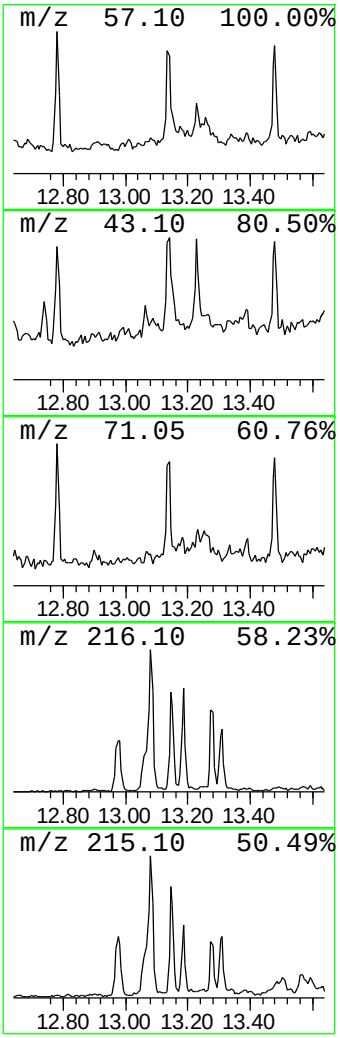
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	4.96 ng	372638	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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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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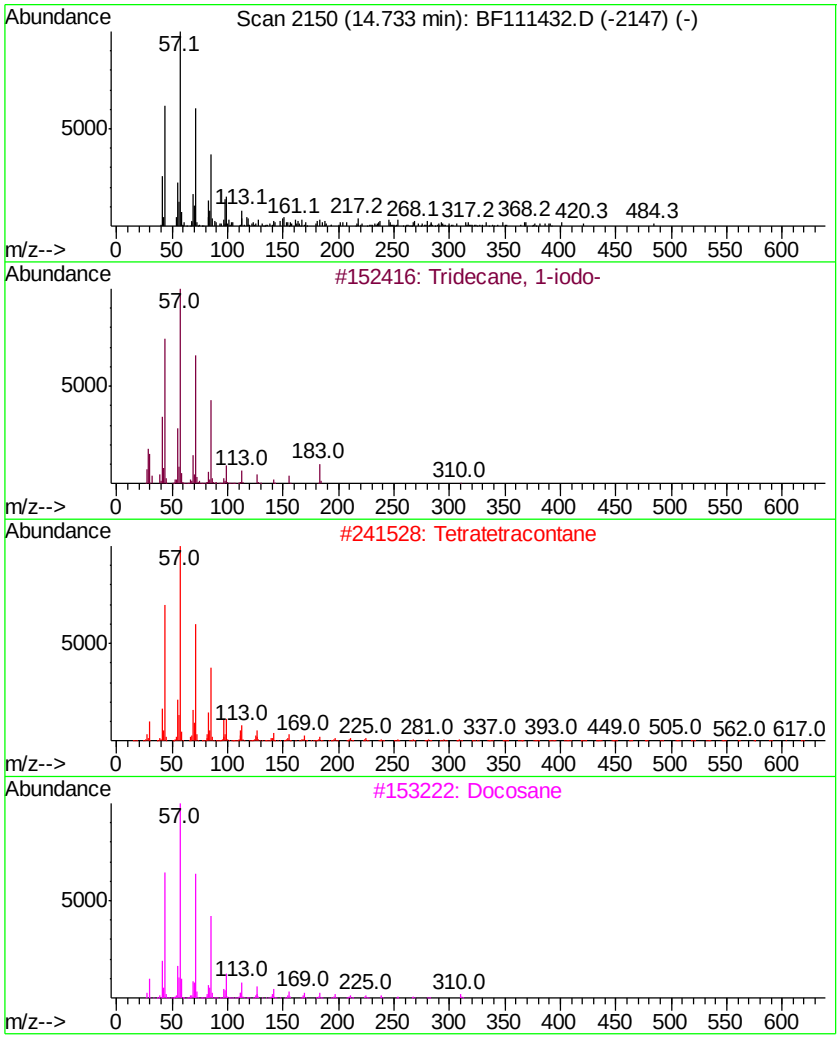
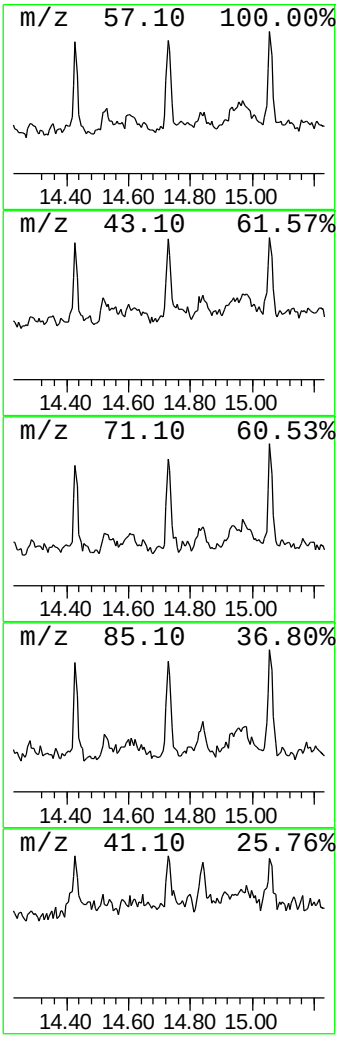
Peak Number 19 Tridecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	4.61 ng	135924	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	81
2	Tetratetracontane	619	C44H90	007098-22-8	80
3	Docosane	310	C22H46	000629-97-0	74
4	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
5	Heptadecane	240	C17H36	000629-78-7	72





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Misc :
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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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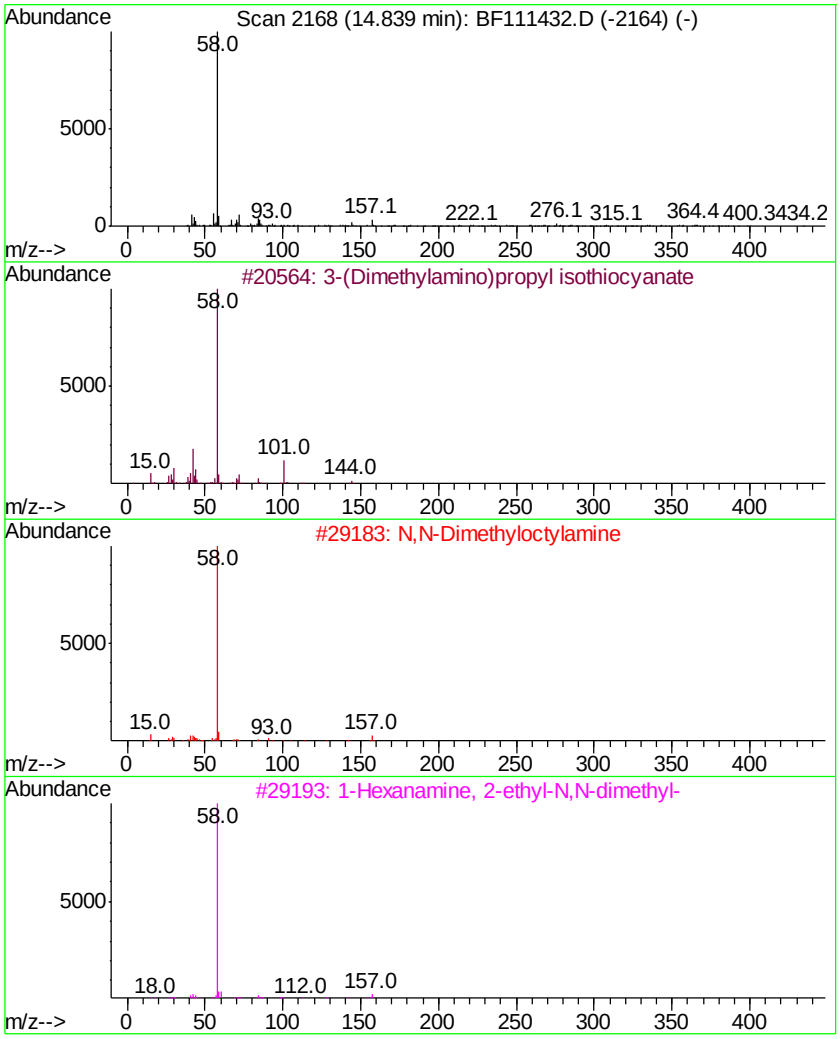
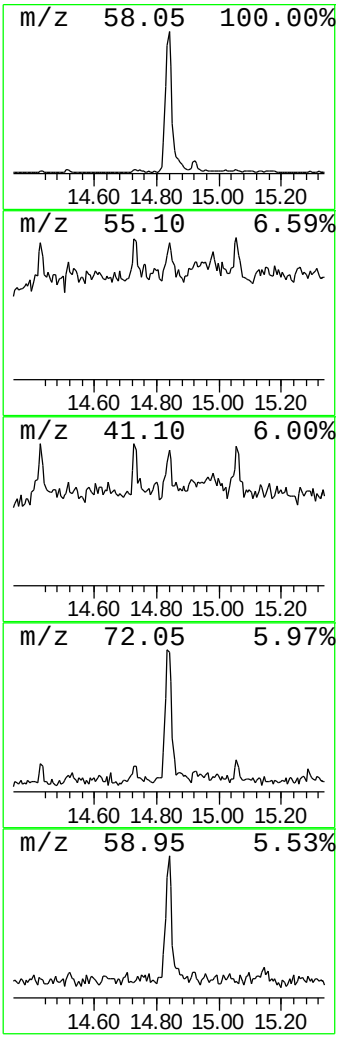
Peak Number 20 3-(Dimethylamino)propyl iso... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	9.85 ng	290031	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
2	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
3	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
4	N,N-Dimethyl-2-cyclohexyloxyethy...	171	C10H21NO	071126-60-8	64
5	Tetradonium Bromide	335	C17H38BrN	001119-97-7	64





Tentatively Identified Compound (LSC) summary

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Acq On : 14 Dec 2018 21:25
Operator : JU/SJ
Sample : J6199-07 2X
Misc :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Hexadecane	10.27	3.6	ng	227266	3	9.83	1256070	20.0
Tridecane	10.74	7.4	ng	355505	4	11.31	964436	20.0
Octacosane	11.19	4.1	ng	198078	4	11.31	964436	20.0
Bacchotricuneatin c	11.22	3.4	ng	163119	4	11.31	964436	20.0
Heptacosane	11.62	4.0	ng	193708	4	11.31	964436	20.0
Hexadecanoic acid...	11.72	66.1	ng	3186650	4	11.31	964436	20.0
Anthracene, 2-met...	11.84	6.8	ng	328146	4	11.31	964436	20.0
Anthracene, 1-met...	11.92	5.0	ng	240085	4	11.31	964436	20.0
Pentadecane	12.02	4.8	ng	231427	4	11.31	964436	20.0
5,16[1',2']:8,13[...	12.11	3.4	ng	163633	4	11.31	964436	20.0
10,13-Octadecadie...	12.40	205.5	ng	9910950	4	11.31	964436	20.0
9-Octadecenoic ac...	12.43	141.8	ng	6836310	4	11.31	964436	20.0
Methyl 5,11,14-ei...	13.06	4.2	ng	311389	5	13.95	1501240	20.0
Fluoranthene, 2-m...	13.08	3.4	ng	254713	5	13.95	1501240	20.0
11H-Benzo[b]fluorene	13.14	5.0	ng	372638	5	13.95	1501240	20.0
Tridecane, 1-iodo-	14.73	4.6	ng	135924	6	15.39	589194	20.0
3-(Dimethylamino)...	14.84	9.8	ng	290031	6	15.39	589194	20.0