LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111338.D
Acq On : 12 Dec 2018 22:56
Operator : JU/SJ
Sample : J6189-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-121118-A

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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	560	565	568	rBV	3359685	3188193	16.42%	2.802%
2	6.428	734	738	745	rVB	3464795	3440849	17.72%	3.024%
3	6.563	757	761	768	rVB	3839638	3275563	16.87%	2.879%
4	6.640	768	774	777	rBV2	510534	495536	2.55%	0.436%
5	6.793	797	800	803	rBV	1993134	1579473	8.13%	1.388%
6	6.951	823	827	830	rBV	3100301	2626816	13.53%	2.309%
7	7.081	845	849	852	rVB2	216164	230308	1.19%	0.202%
8	7.116	852	855	857	rBV2	251122	244101	1.26%	0.215%
9	7.145	857	860	865	rVB	205412	194931	1.00%	0.171%
10	7.192	865	868	871	rBV2	369734	309484	1.59%	0.272%
11	7.351	888	895	899	rBV	2263708	2273310	11.71%	1.998%
12	7.404	901	904	907	rVV	1365597	1203683	6.20%	1.058%
13	7.451	907	912	915	rVB3	184233	269308	1.39%	0.237%
14	7.769	962	966	969	rVB3	285750	333901	1.72%	0.293%
15	7.804	969	972	973	rBV	370816	316351	1.63%	0.278%
16	7.840	976	978	982	rVB2	474383	488670	2.52%	0.430%
17	7.881	982	985	987	rBV2	371140	338368	1.74%	0.297%
18	8.075	1014	1018	1021	rBV2	3407724	3506427	18.06%	3.082%
19	8.151	1029	1031	1033	rVB	662335	482511	2.48%	0.424%
20	8.251	1042	1048	1050	rBV4	161042	291727	1.50%	0.256%
21	8.375	1064	1069	1072	rBV4	402060	577628	2.97%	0.508%
22	8.434	1076	1079	1081	rBV2	445620	362993	1.87%	0.319%
23	8.463	1081	1084	1087	rBV2	623794	534669	2.75%	0.470%
24	8.510	1088	1092	1097	rVV	924532	979184	5.04%	0.861%
25	8.581	1101	1104	1108	rBV2	398330	404654	2.08%	0.356%
26	8.681	1117	1121	1125	rBV	2351931	2132665	10.98%	1.875%
27	8.739	1128	1131	1134	rVV3	396549	441871	2.28%	0.388%
28	8.775	1134	1137	1144	rVB4	389842	516713	2.66%	0.454%
29	8.904	1152	1159	1161	rBV5	281862	434110	2.24%	0.382%
30	8.963	1166	1169	1170	rBV2	345752	283986	1.46%	0.250%
31	9.045	1180	1183	1186	rVB	483327	428385	2.21%	0.377%
32	9.081	1186	1189	1191	rBV	383544	333943	1.72%	0.294%
33	9.110	1191	1194	1197	rVB2	830429	667674	3.44%	0.587%
34	9.151	1197	1201	1204	rBV	3827336	3018033	15.54%	2.653%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6189-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-121118-A

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.245	1213	1217	1221	rBV	2117108	1996370	10.28%	1.755%
36	9.410	1240	1245	1248	rBV6	192473	309877	1.60%	0.272%
37	9.492	1257	1259	1262	rBV2	193357	232973	1.20%	0.205%
38	9.551	1266	1269	1270	rBV2	425957	520249	2.68%	0.457%
39	9.563	1270	1271	1273	rVV	703178	436434	2.25%	0.384%
40	9.586	1273	1275	1277	rVV	361423	297781	1.53%	0.262%
41	9.622	1278	1281	1283	rVB2	323708	267919	1.38%	0.235%
42	9.775	1304	1307	1311	rVB	1642009	1386330	7.14%	1.219%
43	9.834	1311	1317	1320	rBV	1945518	1952650	10.06%	1.716%
44	10.004	1342	1346	1349	rBV2	165898	271555	1.40%	0.239%
45	10.033	1349	1351	1354	rVB	237631	197481	1.02%	0.174%
46	10.092	1359	1361	1365	rVB3	224455	233071	1.20%	0.205%
47	10.269	1388	1391	1394	rVB	1143244	940701	4.84%	0.827%
48	10.492	1425	1429	1432	rBV	384290	407711	2.10%	0.358%
49	10.616	1446	1450	1454	rBV	1592658	1455003	7.49%	1.279%
50	10.745	1469	1472	1479	rBV	1055239	1207337	6.22%	1.061%
51	11.192	1545	1548	1551	rBV	892385	702604	3.62%	0.618%
52	11.222	1551	1553	1559	rVB	358452	336964	1.74%	0.296%
53	11.316	1565	1569	1571	rBV	1592263	1466395	7.55%	1.289%
54	11.616	1617	1620	1623	rBV	678279	611745	3.15%	0.538%
55	11.722	1634	1638	1641	rBV	7773657	7065214	36.39%	6.210%
56	11.851	1656	1660	1663	rBV2	1189011	1113286	5.73%	0.979%
57	12.027	1687	1690	1696	rVB	607474	596786	3.07%	0.525%
58	12.416	1750	1756	1757	rBV	15085372	19417353	100.00%	17.067%
59	12.433	1757	1759	1765	rVV	15026028	17053828	87.83%	14.990%
60	12.510	1769	1772	1775	rVV	4201538	3882919	20.00%	3.413%
61	12.539	1775	1777	1779	rVV	1134447	1315582	6.78%	1.156%
62	12.563	1779	1781	1789	rVV	1856156	2351971	12.11%	2.067%
63	12.633	1790	1793	1799	rVB2	408540	534346	2.75%	0.470%
64	12.751	1809	1813	1816	rVB2	389001	489276	2.52%	0.430%
65	12.786	1816	1819	1821	rVB	456494	333540	1.72%	0.293%
66	12.904	1835	1839	1845	rBV	2326980	2253409	11.61%	1.981%
67	13.139	1876	1879	1884	rBV3	468101	686124	3.53%	0.603%
68	13.233	1893	1895	1898	rVB	446587	327292	1.69%	0.288%
69	13.486	1935	1938	1940	rBV	387174	374747	1.93%	0.329%
70	13.816	1991	1994	2003	rVB	484412	548628	2.83%	0.482%
71	13.904	2006	2009	2012	rBV	404078	372792	1.92%	0.328%

LSC Area Percent Report

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Acq On : 12 Dec 2018 22:56
Operator : JU/SJ
Sample : J6189-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-121118-A

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.951	2013	2017	2020	rBV	1270593	1288962	6.64%	1.133%
73	14.127	2045	2047	2051	rVB	396602	352185	1.81%	0.310%
74	14.433	2097	2099	2101	rVB	373691	265830	1.37%	0.234%
75	14.733	2148	2150	2153	rBV	319484	295221	1.52%	0.259%
76	14.845	2166	2169	2177	rVB	484323	643823	3.32%	0.566%
77	15.392	2258	2262	2265	rBV	646251	771064	3.97%	0.678%

Sum of corrected areas: 113771346

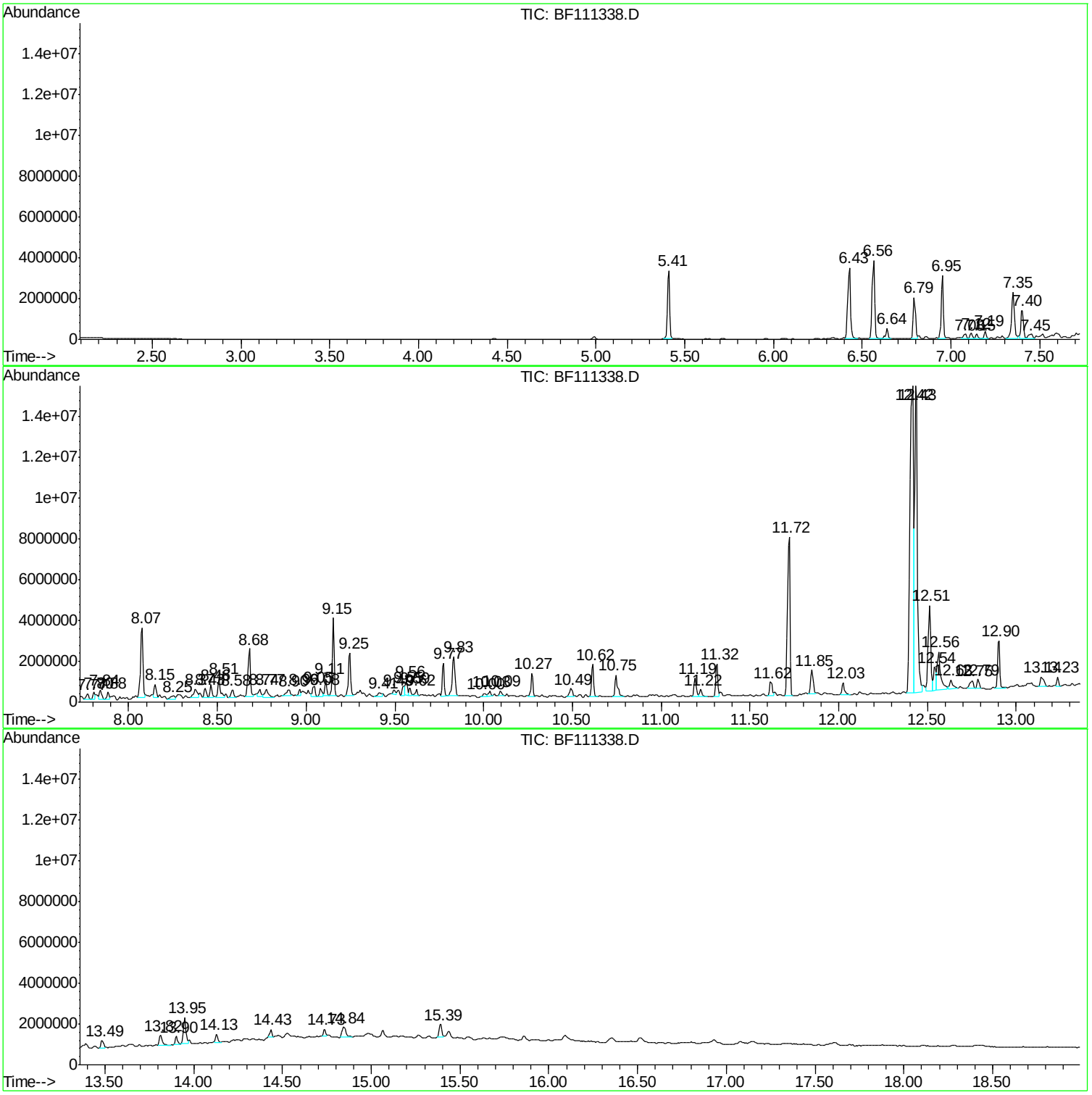
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111338.D
Acq On : 12 Dec 2018 22:56
Operator : JU/SJ
Sample : J6189-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-121118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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\BF121218\
Data File : BF111338.D
Acq On : 12 Dec 2018 22:56
Operator : JU/SJ
Sample : J6189-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-121118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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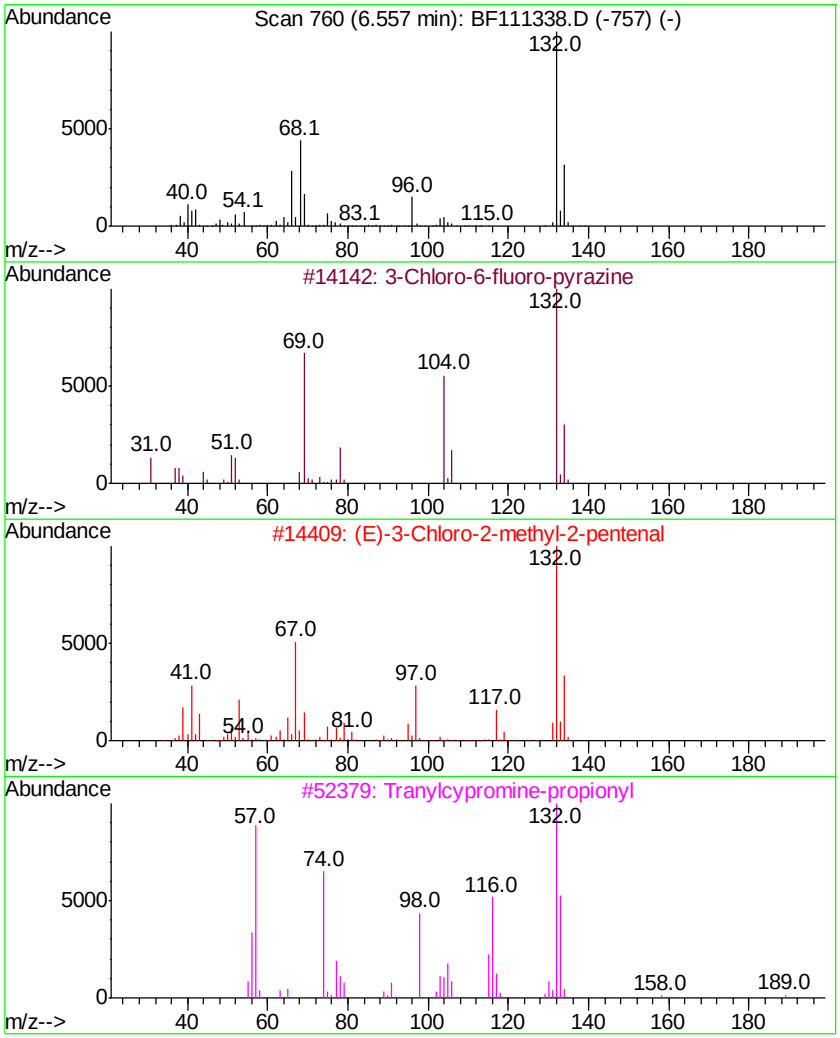
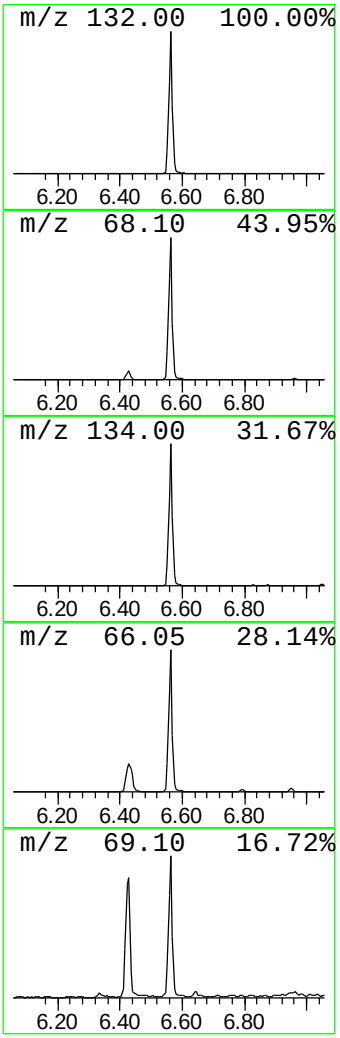
Peak Number 1 unknown6.56 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	41.48 ng	3275560	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	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	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111338.D
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Operator : JU/SJ
Sample : J6189-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : HR-05-121118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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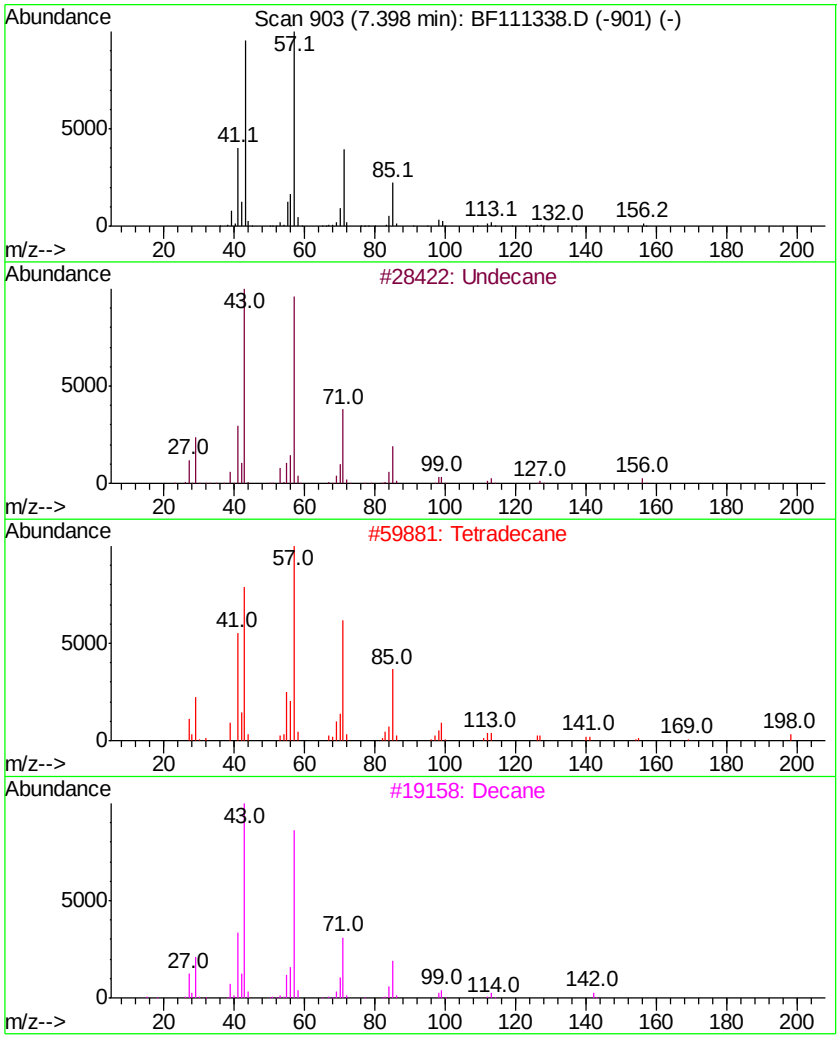
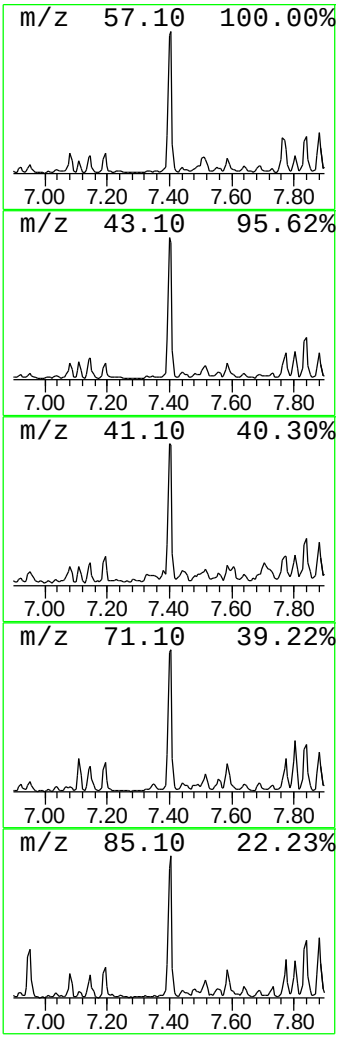
Peak Number 3 Undecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	15.24 ng	1203680	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Decane	142	C10H22	000124-18-5	83
4	Hexadecane	226	C16H34	000544-76-3	83
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111338.D
Acq On : 12 Dec 2018 22:56
Operator : JU/SJ
Sample : J6189-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-121118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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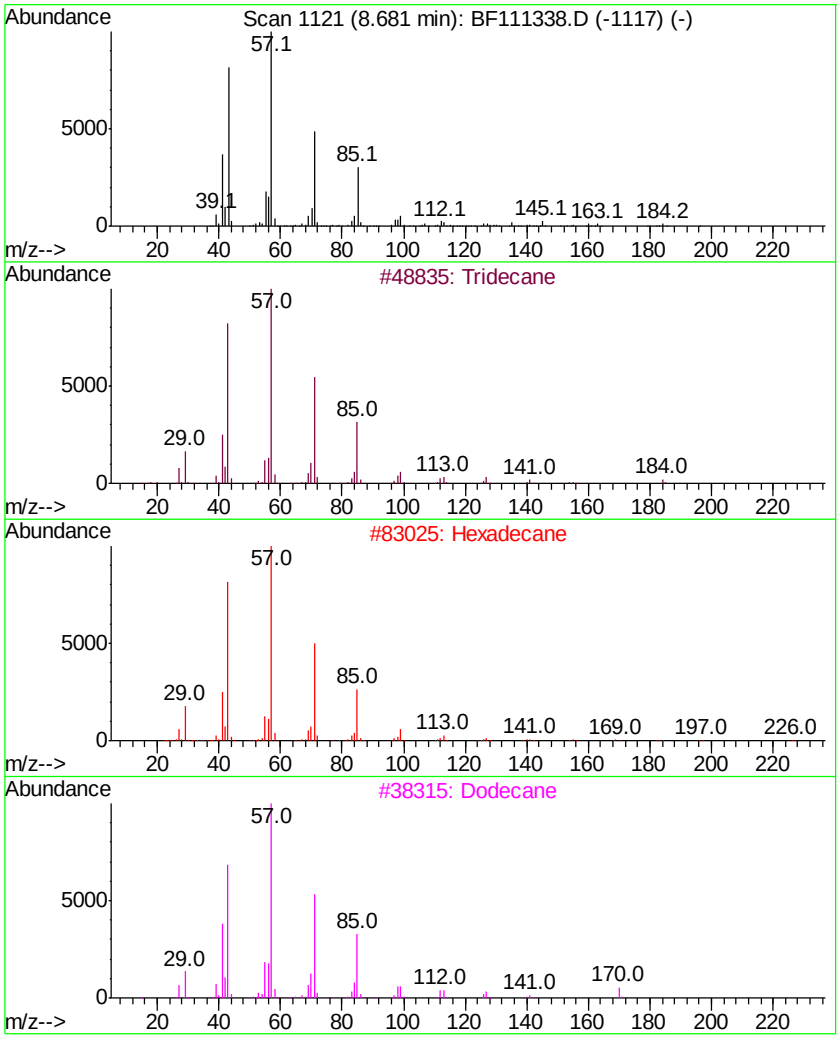
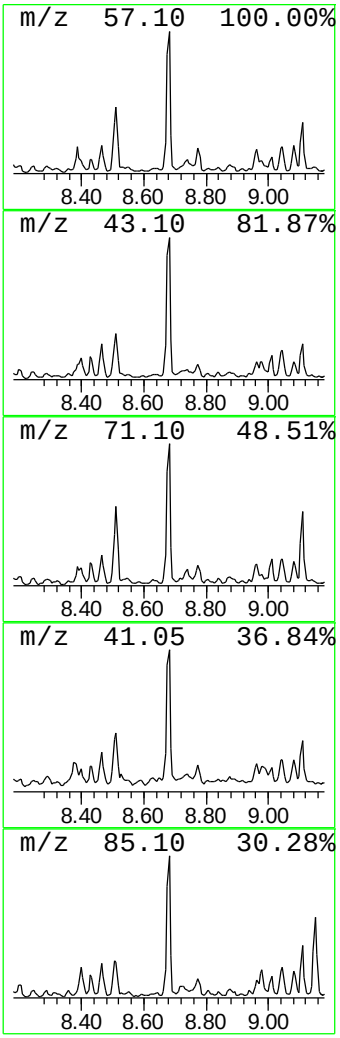
Peak Number 4 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	12.16 ng	2132670	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane	170	C12H26	000112-40-3	72
4	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	64
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
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Misc :
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Instrument : BNA_F
ClientSampleId : HR-05-121118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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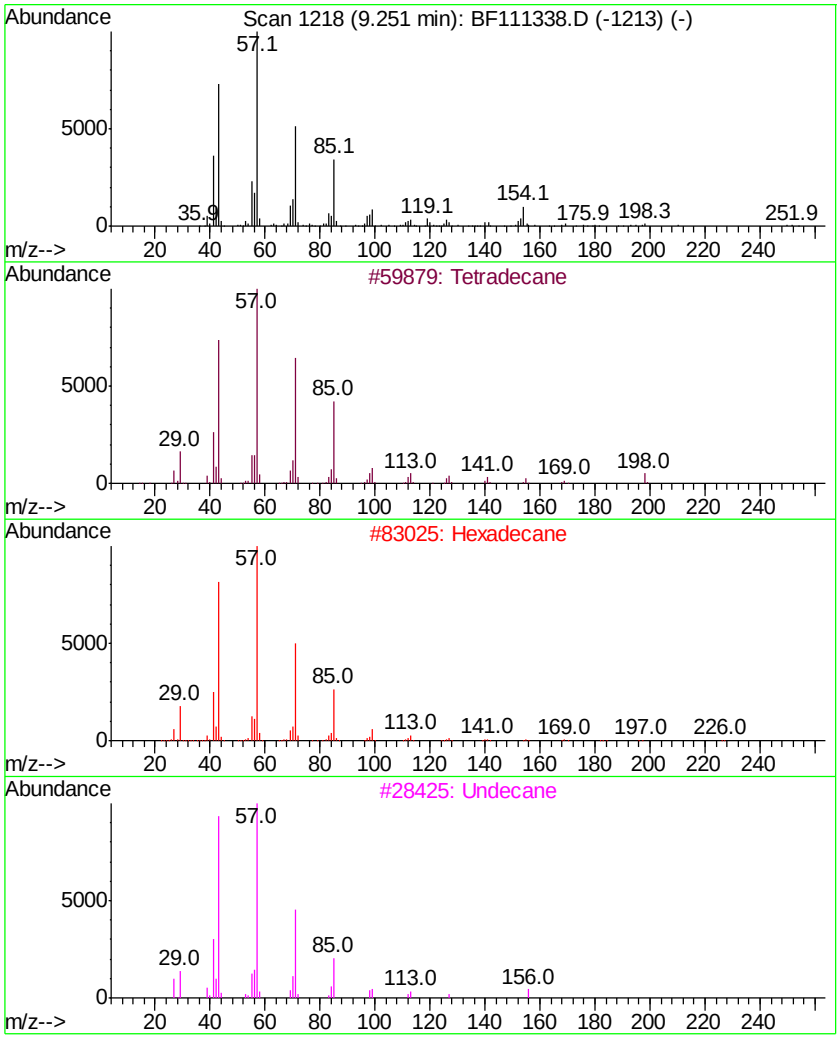
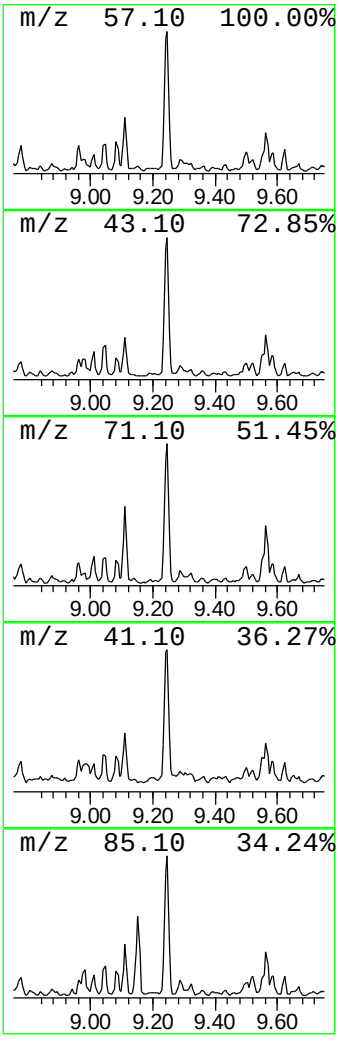
Peak Number 5 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	20.45 ng	1996370	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Undecane	156	C11H24	001120-21-4	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	68





Library Search Compound Report

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Acq On : 12 Dec 2018 22:56
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Sample : J6189-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-121118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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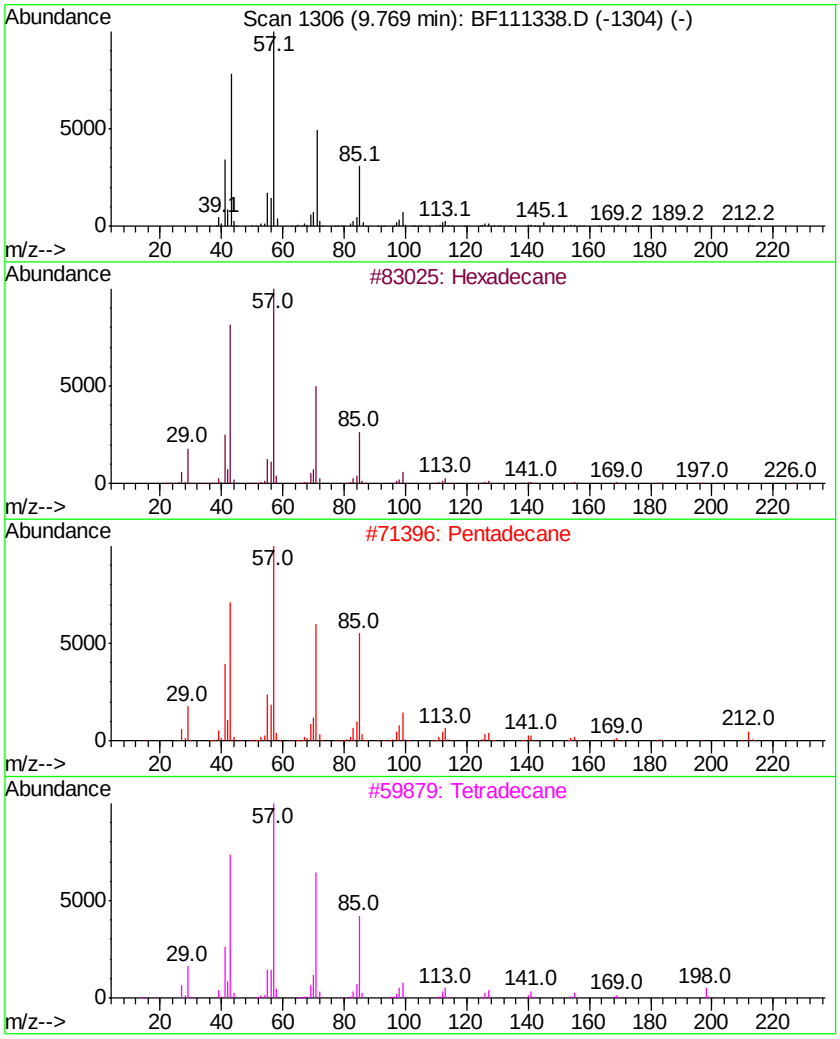
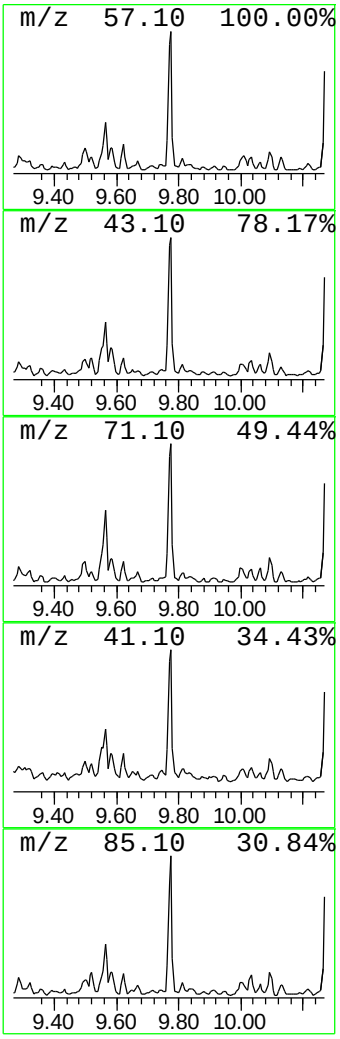
Peak Number 6 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	14.20 ng	1386330	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Dodecane	170	C12H26	000112-40-3	83
5	Undecane	156	C11H24	001120-21-4	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111338.D
Acq On : 12 Dec 2018 22:56
Operator : JU/SJ
Sample : J6189-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-121118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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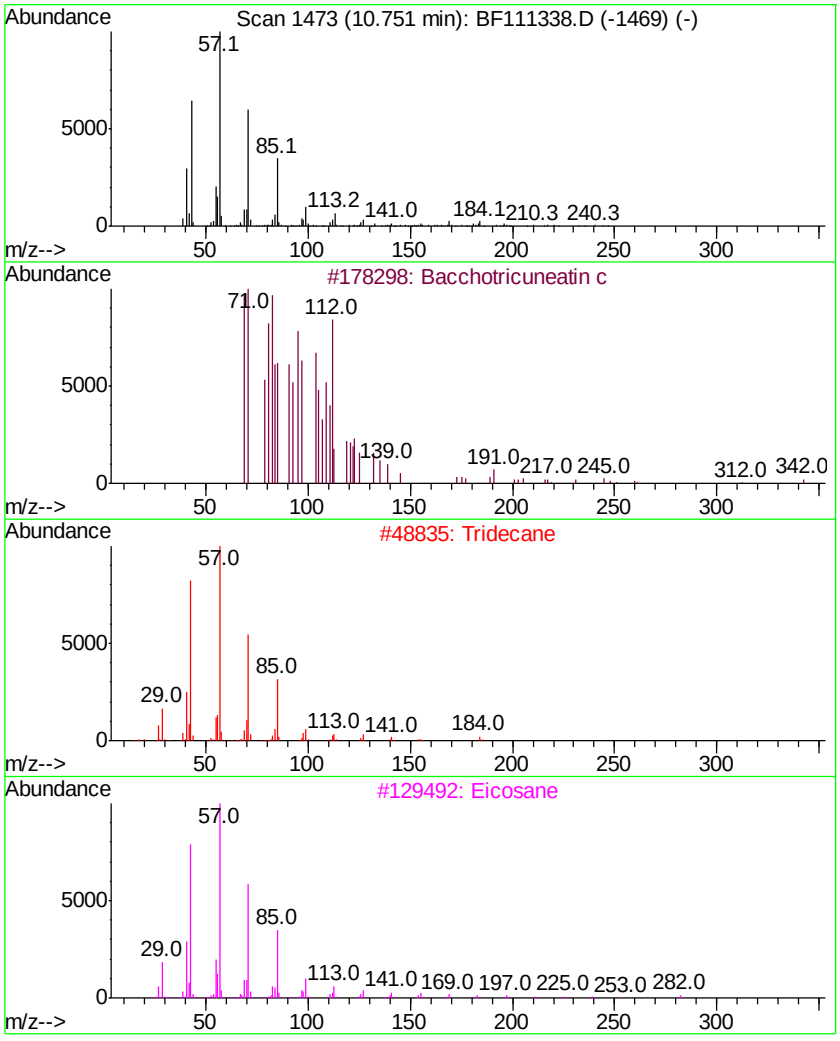
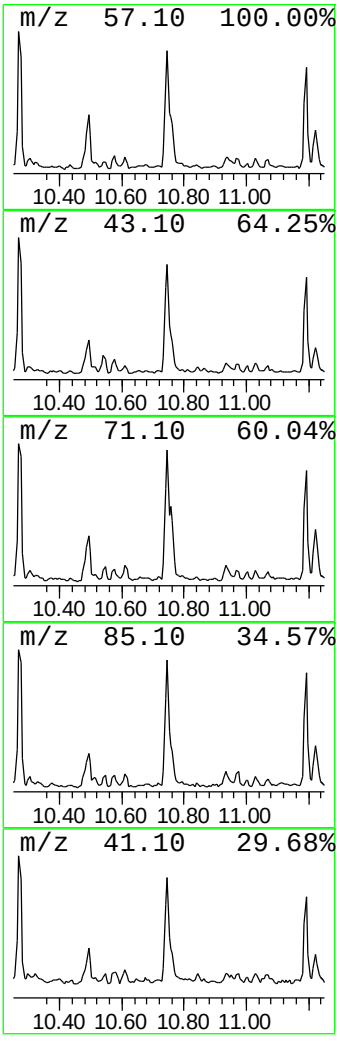
Peak Number 8 Bacchotricuneatin c Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	16.47 ng	1207340	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	99
2	Tridecane	184	C13H28	000629-50-5	95
3	Eicosane	282	C20H42	000112-95-8	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111338.D
Acq On : 12 Dec 2018 22:56
Operator : JU/SJ
Sample : J6189-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-121118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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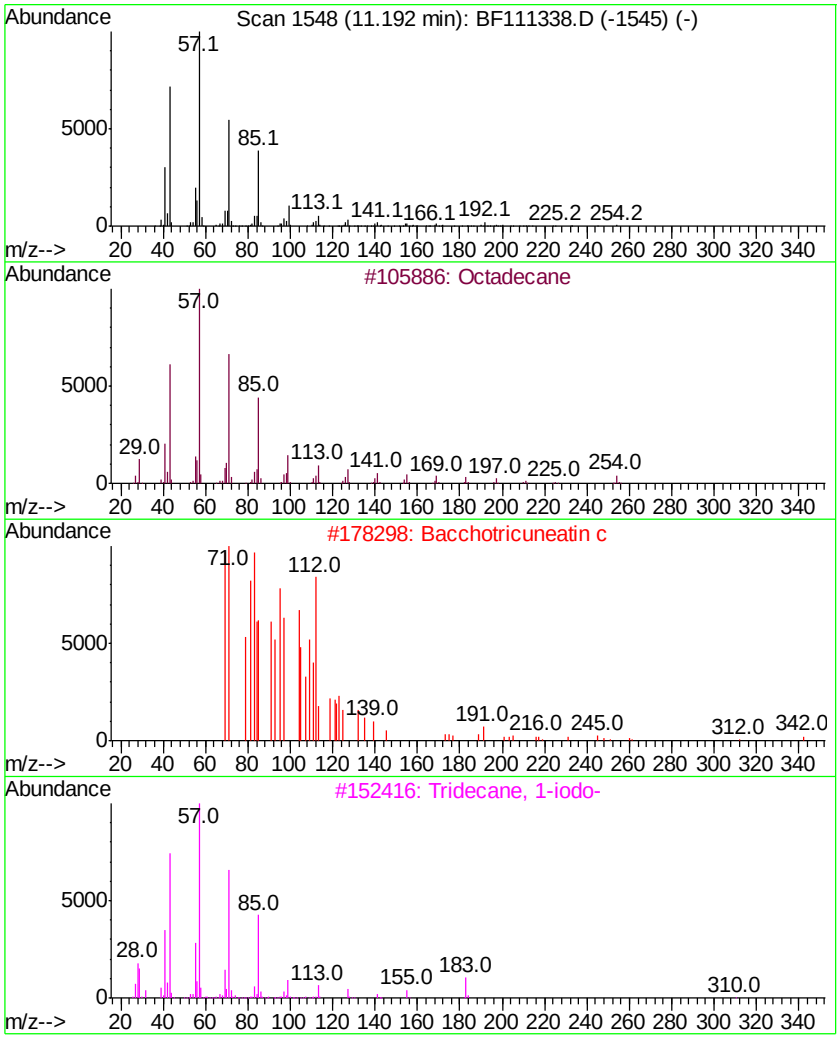
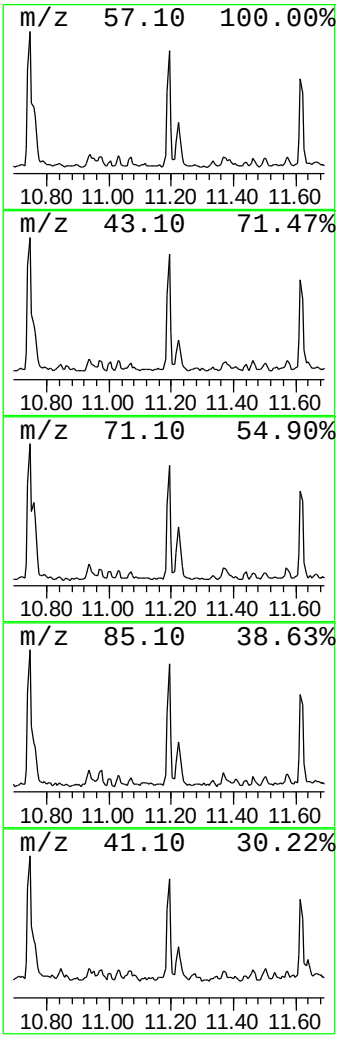
Peak Number 9 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	9.58 ng	702604	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexadecane	226	C16H34	000544-76-3	87





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Acq On : 12 Dec 2018 22:56
Operator : JU/SJ
Sample : J6189-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-121118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

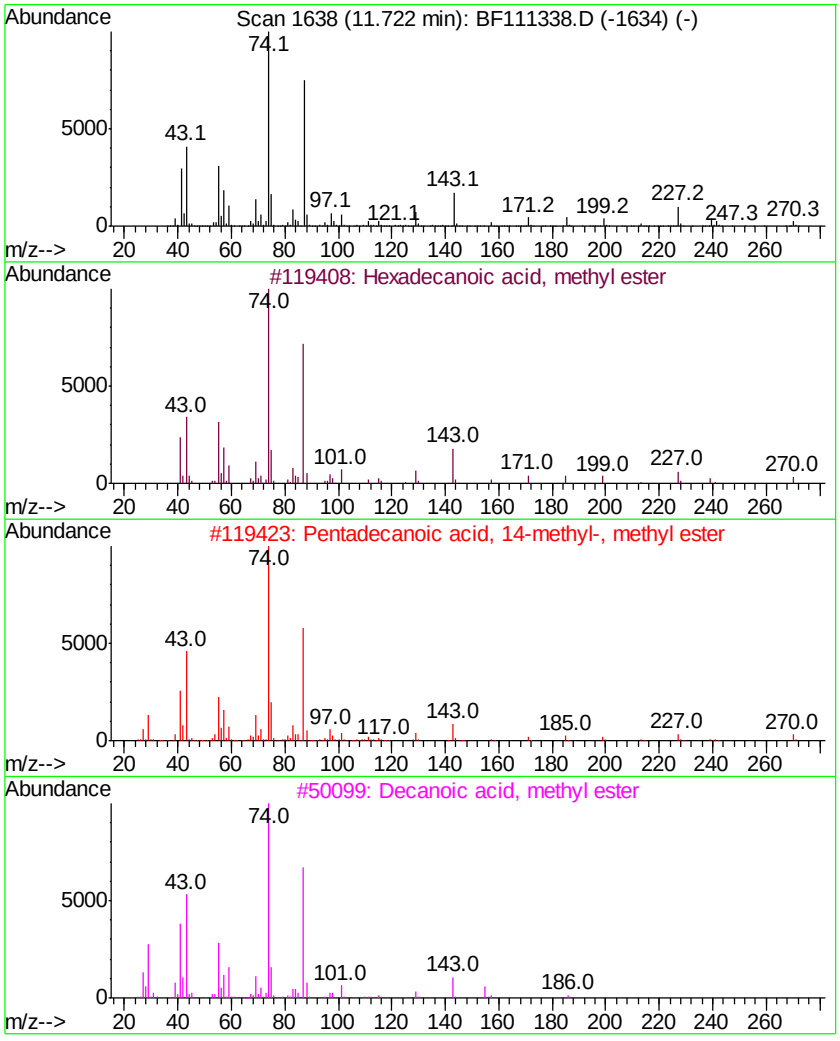
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

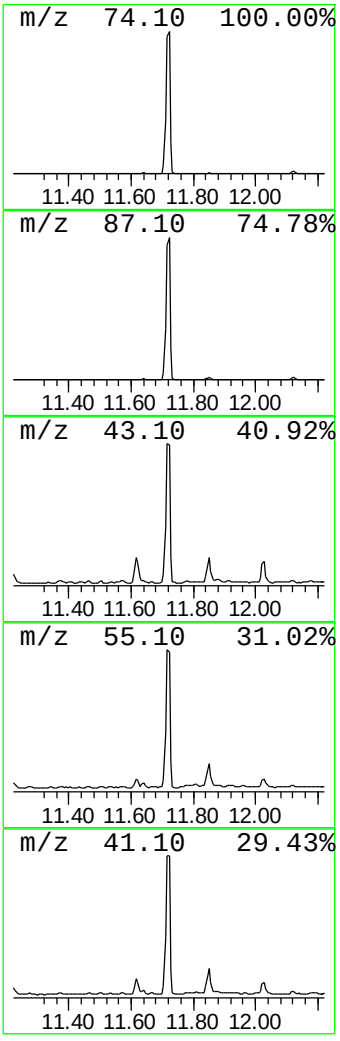
****

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	96.36 ng	7065210	Phenanthrene-d10	11.32

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	92
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86





Library Search Compound Report

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Data File : BF111338.D
Acq On : 12 Dec 2018 22:56
Operator : JU/SJ
Sample : J6189-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-121118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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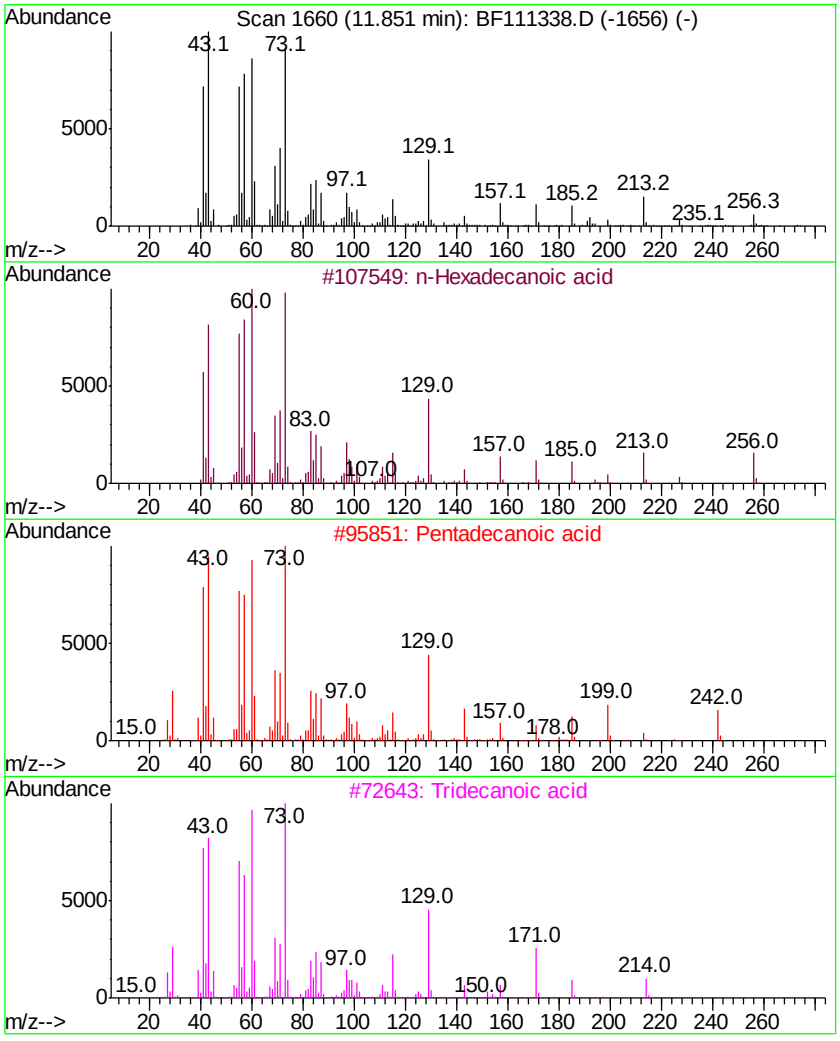
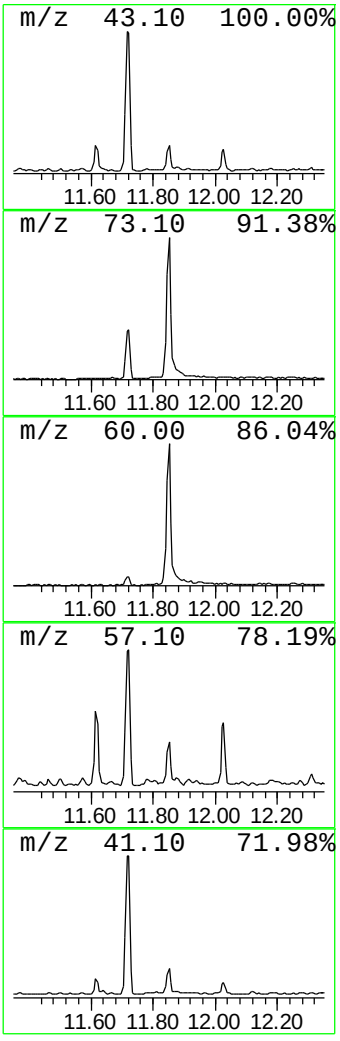
Peak Number 12 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	15.18 ng	1113290	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Undecanoic acid	186	C11H22O2	000112-37-8	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76





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Data File : BF111338.D
Acq On : 12 Dec 2018 22:56
Operator : JU/SJ
Sample : J6189-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-121118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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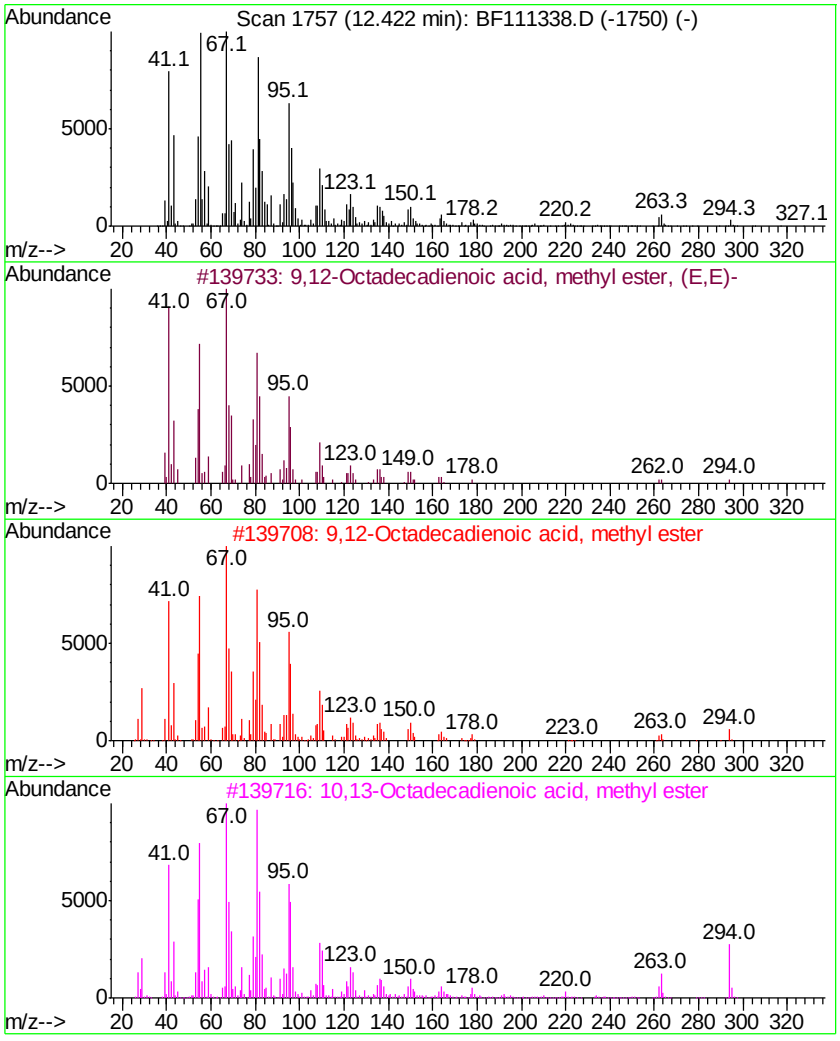
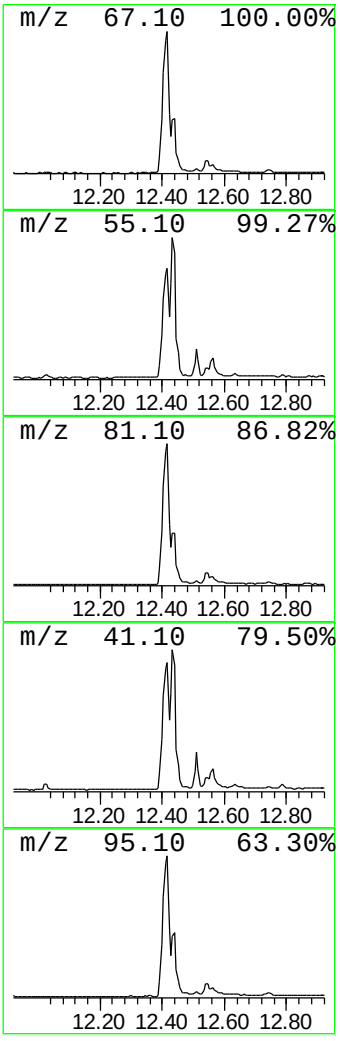
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	264.83 ng	19417400	Phenanthrene-d10	11.32

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111338.D
Acq On : 12 Dec 2018 22:56
Operator : JU/SJ
Sample : J6189-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-121118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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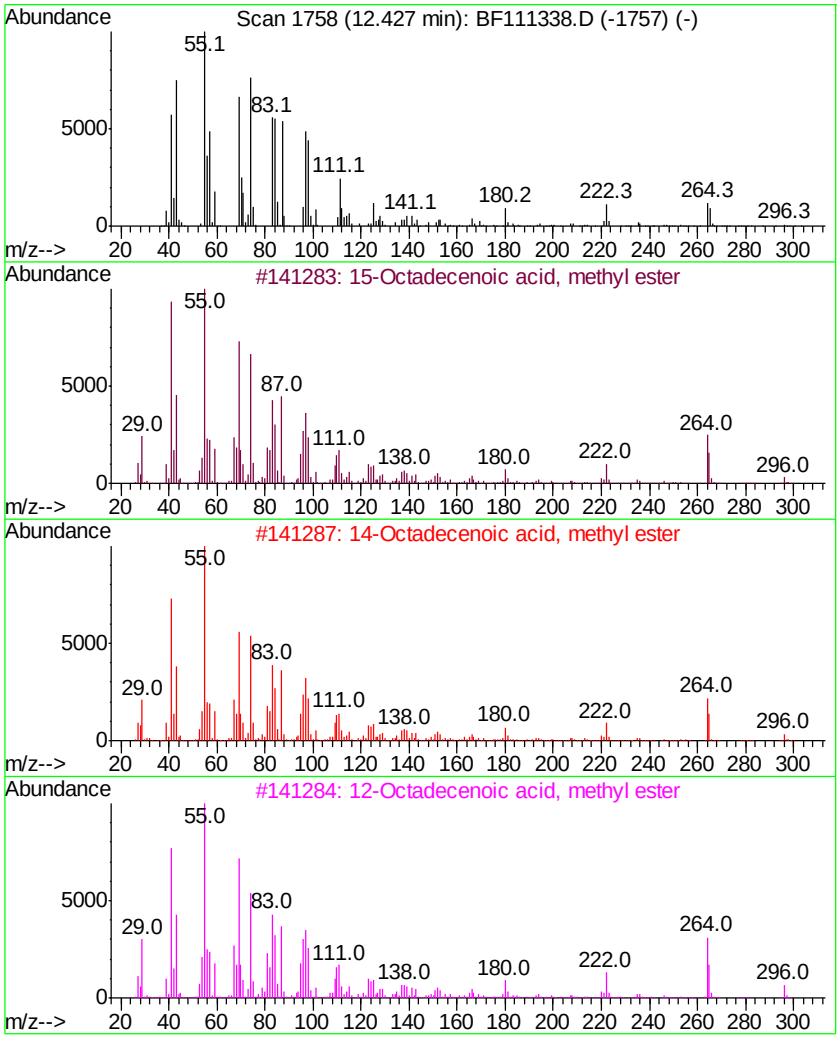
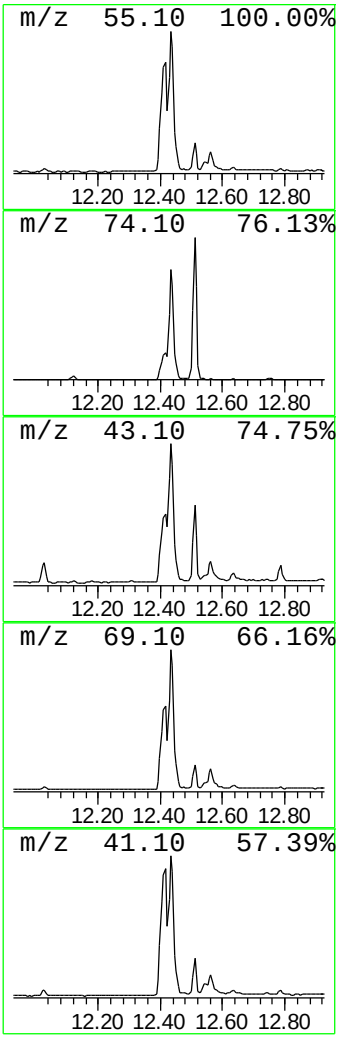
Peak Number 15 15-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	232.60 ng	17053800	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	97
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	93
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	93
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	93
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111338.D
Acq On : 12 Dec 2018 22:56
Operator : JU/SJ
Sample : J6189-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-121118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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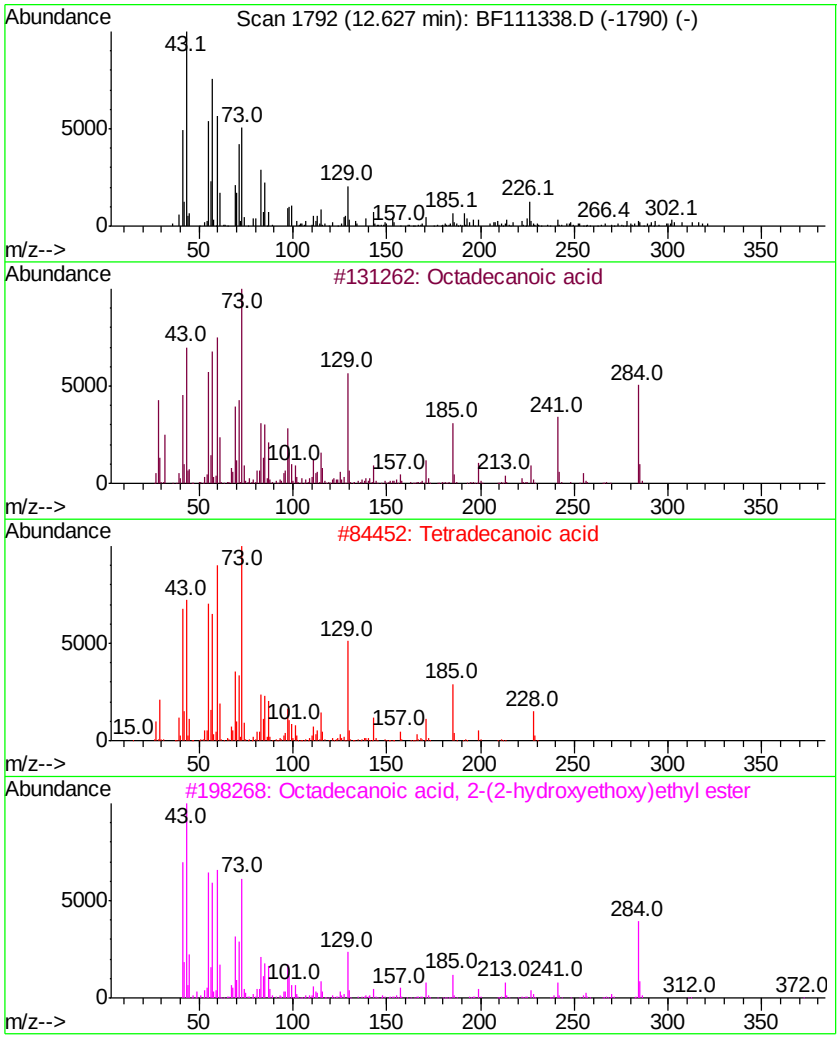
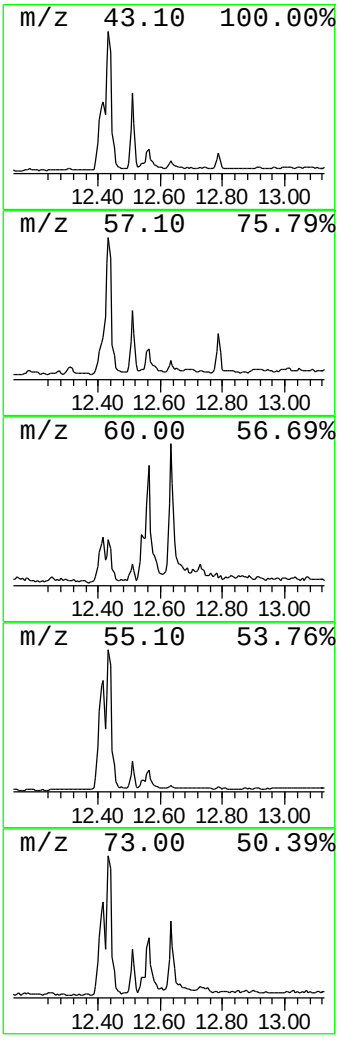
Peak Number 16 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	8.29 ng	534346	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83





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Data File : BF111338.D
Acq On : 12 Dec 2018 22:56
Operator : JU/SJ
Sample : J6189-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-121118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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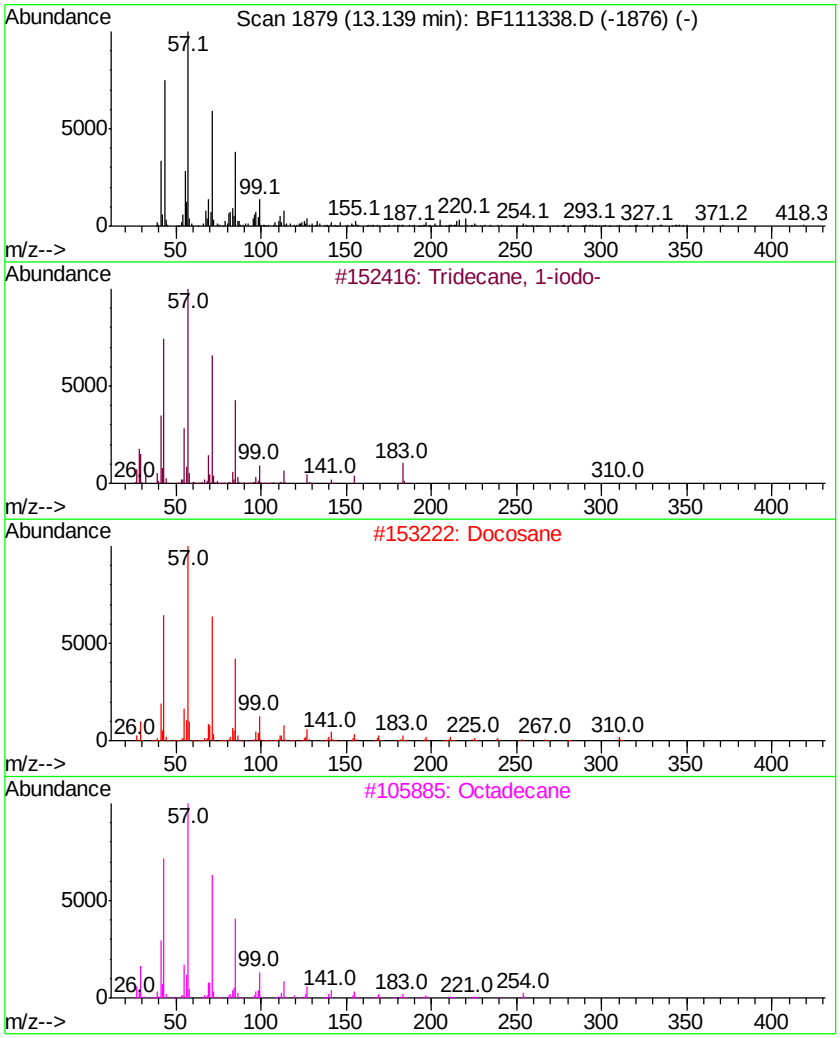
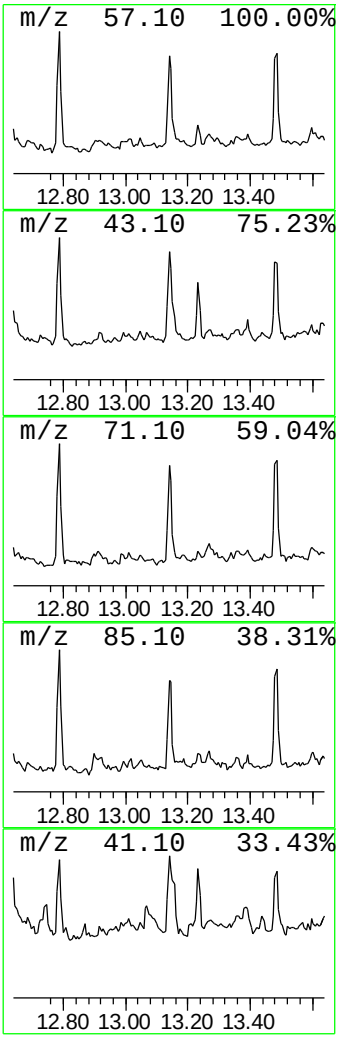
Peak Number 17 Tridecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	10.65 ng	686124	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	96
2	Docosane	310	C22H46	000629-97-0	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heptacosane	380	C27H56	000593-49-7	83





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Acq On : 12 Dec 2018 22:56
Operator : JU/SJ
Sample : J6189-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-121118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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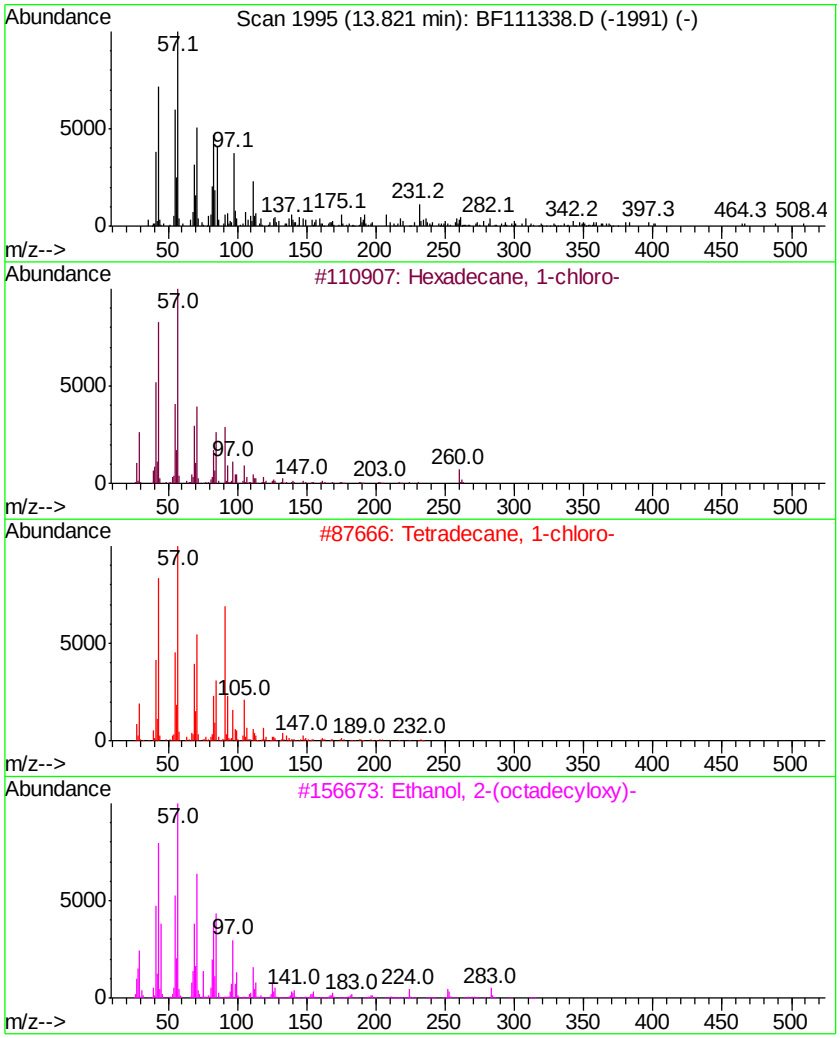
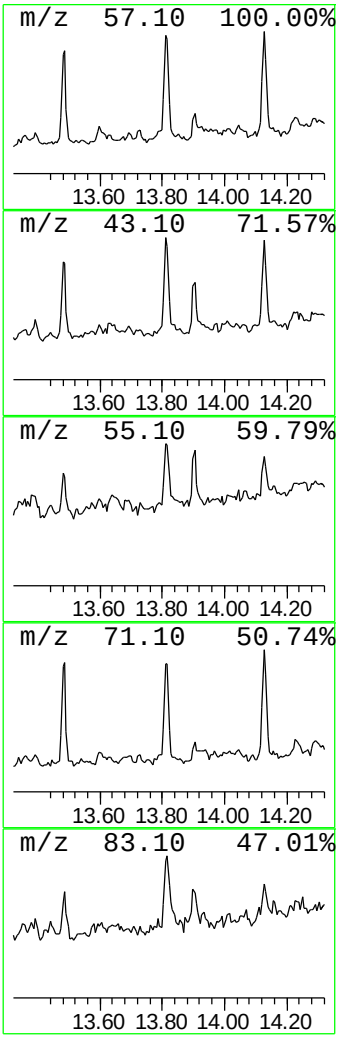
Peak Number 18 Hexadecane, 1-chloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	8.51 ng	548628	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	97
2	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	94
3	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	90
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	90
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	87





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Acq On : 12 Dec 2018 22:56
Operator : JU/SJ
Sample : J6189-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-121118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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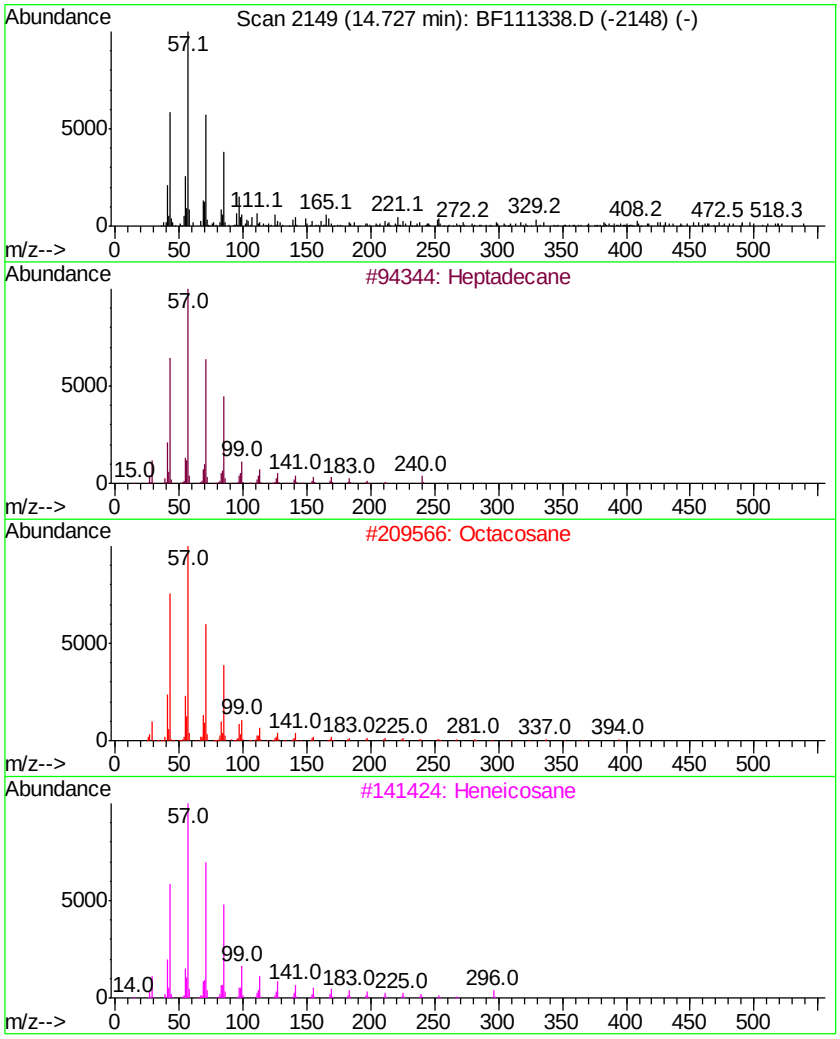
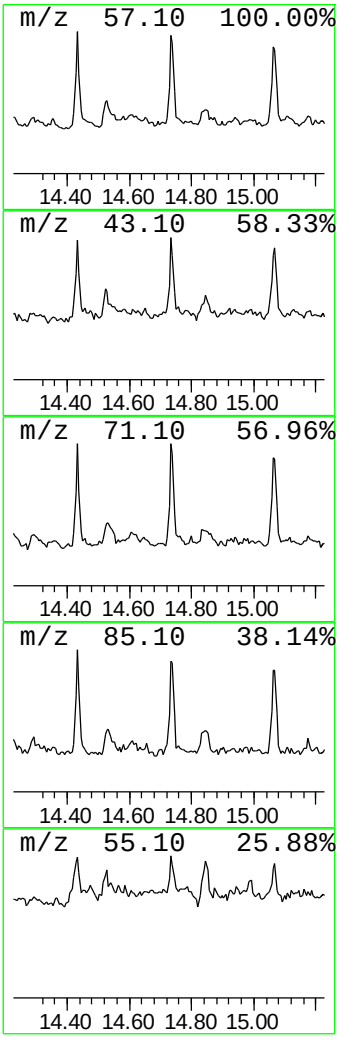
Peak Number 19 Heptadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	7.66 ng	295221	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexacosane	366	C26H54	000630-01-3	83
5	Heptacosane	380	C27H56	000593-49-7	80





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Data File : BF111338.D
Acq On : 12 Dec 2018 22:56
Operator : JU/SJ
Sample : J6189-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-121118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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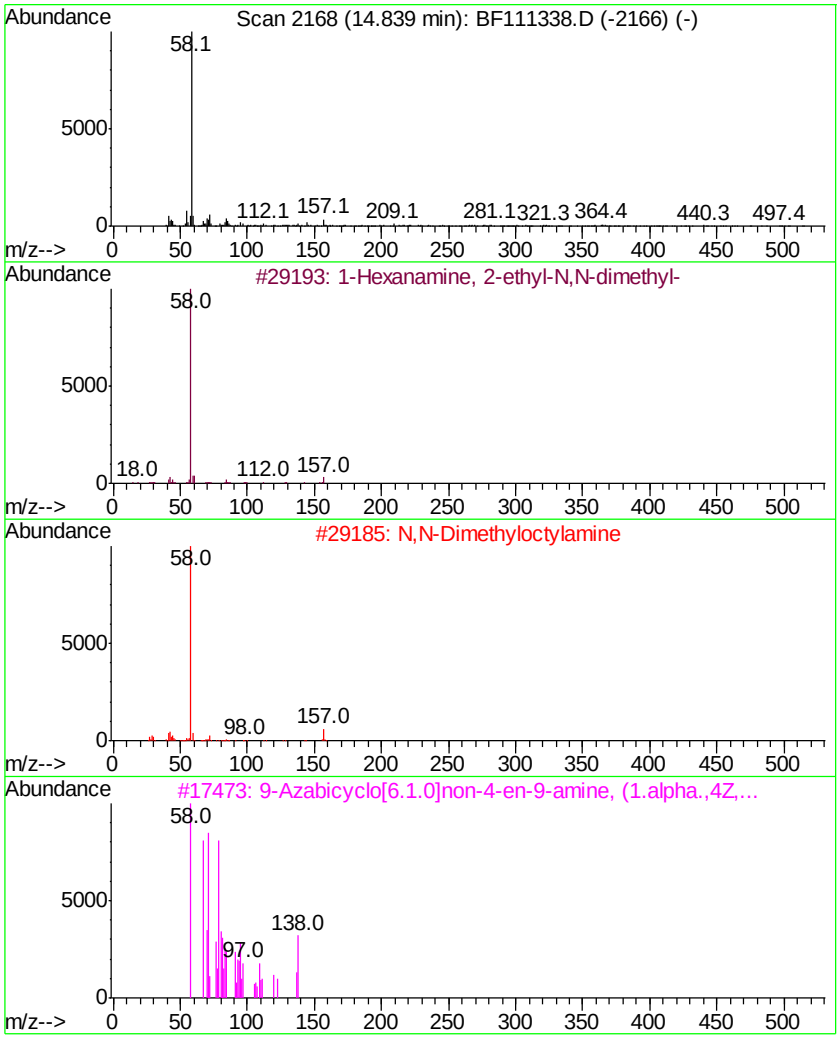
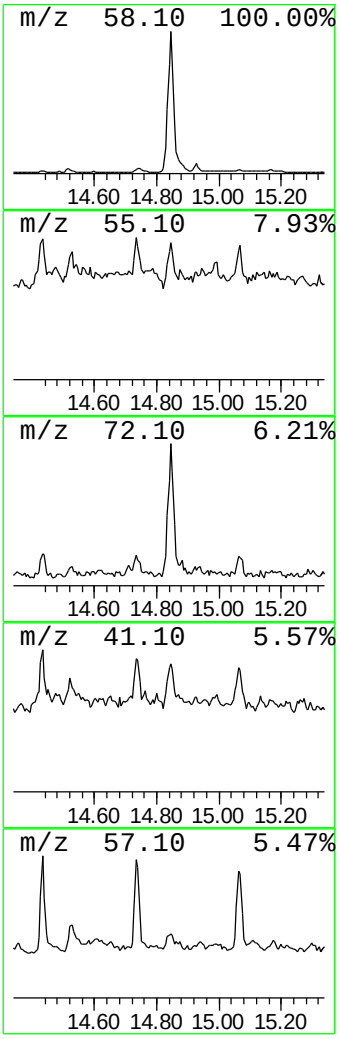
Peak Number 20 1-Hexanamine, 2-ethyl-N,N-d... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	16.70 ng	643823	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	80
2	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	80
3	9-Azabicyclo[6.1.0]non-4-en-9-am...	138	C8H14N2	066387-78-8	76
4	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
5	Dimantine	297	C20H43N	000124-28-7	64





Tentatively Identified Compound (LSC) summary

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Data File : BF111338.D
Acq On : 12 Dec 2018 22:56
Operator : JU/SJ
Sample : J6189-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-121118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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
unknown6.56	6.56	41.5	ng	3275560	1	6.79	1579470	20.0
Undecane	7.40	15.2	ng	1203680	1	6.79	1579470	20.0
Tridecane	8.68	12.2	ng	2132670	2	8.07	3506430	20.0
Tetradecane	9.25	20.4	ng	1996370	3	9.83	1952650	20.0
Hexadecane	9.77	14.2	ng	1386330	3	9.83	1952650	20.0
Bacchotricuneatin c	10.75	16.5	ng	1207340	4	11.32	1466400	20.0
Octadecane	11.19	9.6	ng	702604	4	11.32	1466400	20.0
Hexadecanoic acid...	11.72	96.4	ng	7065210	4	11.32	1466400	20.0
n-Hexadecanoic acid	11.85	15.2	ng	1113290	4	11.32	1466400	20.0
9,12-Octadecadien...	12.42	264.8	ng	19417400	4	11.32	1466400	20.0
15-Octadecenoic a...	12.43	232.6	ng	17053800	4	11.32	1466400	20.0
Octadecanoic acid	12.63	8.3	ng	534346	5	13.95	1288960	20.0
Tridecane, 1-iodo-	13.14	10.7	ng	686124	5	13.95	1288960	20.0
Hexadecane, 1-chl...	13.82	8.5	ng	548628	5	13.95	1288960	20.0
Heptadecane	14.73	7.7	ng	295221	6	15.39	771064	20.0
1-Hexanamine, 2-e...	14.84	16.7	ng	643823	6	15.39	771064	20.0