LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112521.D
Acq On : 12 Feb 2019 21:53
Operator : JU/SJ
Sample : K1343-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-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-BF012519.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	5.469	572	575	592	rBV	430429	583035	9.40%	1.883%
2	6.486	745	748	761	rBV	476046	618426	9.97%	1.997%
3	6.610	766	769	776	rBV	662175	667806	10.77%	2.157%
4	6.833	804	807	815	rBV	728330	622934	10.05%	2.012%
5	6.992	830	834	843	rBV	585181	529574	8.54%	1.710%
6	7.398	900	903	906	rBV	334367	330665	5.33%	1.068%
7	7.428	906	908	912	rVB	86505	75296	1.21%	0.243%
8	8.098	1019	1022	1023	rBV	195804	171887	2.77%	0.555%
9	8.116	1023	1025	1031	rVV	770564	757679	12.22%	2.447%
10	8.175	1031	1035	1038	rVB2	86159	98894	1.60%	0.319%
11	8.410	1070	1075	1079	rBV5	74624	97599	1.57%	0.315%
12	8.492	1087	1089	1093	rBV4	50446	63065	1.02%	0.204%
13	8.533	1093	1096	1098	rVV2	102327	81560	1.32%	0.263%
14	8.622	1107	1111	1113	rBV	113132	103183	1.66%	0.333%
15	8.704	1122	1125	1129	rBV	377321	303324	4.89%	0.980%
16	8.939	1162	1165	1168	rBV3	111956	97106	1.57%	0.314%
17	9.069	1183	1187	1191	rBV3	87896	117186	1.89%	0.378%
18	9.133	1196	1198	1200	rVV2	127891	103972	1.68%	0.336%
19	9.192	1204	1208	1213	rBV	730046	683941	11.03%	2.209%
20	9.269	1218	1221	1224	rBV	457356	381916	6.16%	1.233%
21	9.345	1231	1234	1236	rVB	93119	81429	1.31%	0.263%
22	9.586	1271	1275	1278	rBV4	199254	250540	4.04%	0.809%
23	9.616	1278	1280	1283	rVV2	77870	80867	1.30%	0.261%
24	9.651	1283	1286	1289	rVB	98114	79469	1.28%	0.257%
25	9.798	1308	1311	1315	rVB	479739	374863	6.05%	1.211%
26	9.874	1320	1324	1328	rVB	880250	736095	11.87%	2.377%
27	10.033	1346	1351	1353	rBV3	70274	108025	1.74%	0.349%
28	10.122	1362	1366	1370	rBV6	112215	145447	2.35%	0.470%
29	10.192	1374	1378	1381	rBV4	45272	70673	1.14%	0.228%
30	10.298	1390	1396	1399	rBV	514493	456726	7.37%	1.475%
31	10.357	1403	1406	1411	rVB4	51280	78359	1.26%	0.253%
32	10.516	1428	1433	1436	rBV	147503	204270	3.29%	0.660%
33	10.669	1456	1459	1465	rBV	329535	376215	6.07%	1.215%
34	10.769	1473	1476	1485	rVB	453067	523455	8.44%	1.691%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112521.D
Acq On : 12 Feb 2019 21:53
Operator : JU/SJ
Sample : K1343-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.216	1549	1552	1555	rBV	356702	307754	4.96%	0.994%
36	11.251	1555	1558	1564	rVB2	138325	172882	2.79%	0.558%
37	11.363	1574	1577	1580	rBV	765531	690933	11.14%	2.232%
38	11.386	1580	1581	1588	rVB2	108692	115370	1.86%	0.373%
39	11.645	1622	1625	1627	rBV	307304	239814	3.87%	0.775%
40	11.745	1638	1642	1645	rBV	2331487	1767010	28.50%	5.707%
41	11.886	1661	1666	1667	rBV3	116679	128575	2.07%	0.415%
42	12.051	1690	1694	1700	rVB	268806	244122	3.94%	0.788%
43	12.433	1755	1759	1761	rBV	4744689	5000056	80.65%	16.149%
44	12.457	1761	1763	1769	rVV	6449722	6200072	100.00%	20.025%
45	12.533	1773	1776	1781	rVB	871076	772938	12.47%	2.496%
46	12.586	1781	1785	1788	rBV2	256469	388287	6.26%	1.254%
47	12.668	1797	1799	1804	rVB4	57900	71425	1.15%	0.231%
48	12.768	1813	1816	1820	rBV2	208143	208190	3.36%	0.672%
49	12.810	1820	1823	1829	rVB2	285383	309341	4.99%	0.999%
50	12.945	1842	1846	1849	rBV	714656	595903	9.61%	1.925%
51	13.092	1869	1871	1873	rBV	141534	123127	1.99%	0.398%
52	13.121	1873	1876	1881	rVB6	60633	95088	1.53%	0.307%
53	13.163	1881	1883	1885	rBV	141214	141275	2.28%	0.456%
54	13.257	1896	1899	1903	rBV2	166777	166524	2.69%	0.538%
55	13.368	1916	1918	1922	rBV3	78998	82725	1.33%	0.267%
56	13.510	1939	1942	1947	rBV	125972	110689	1.79%	0.357%
57	13.839	1995	1998	2002	rBV	146135	151331	2.44%	0.489%
58	13.927	2010	2013	2017	rBV	111905	121936	1.97%	0.394%
59	14.015	2024	2028	2031	rBV	676447	699319	11.28%	2.259%
60	14.151	2048	2051	2053	rBV	184471	160753	2.59%	0.519%
61	14.457	2100	2103	2107	rVB	234166	239836	3.87%	0.775%
62	14.762	2152	2155	2159	rBV	268905	241144	3.89%	0.779%
63	14.880	2172	2175	2186	rVB	249622	383818	6.19%	1.240%
64	15.098	2209	2212	2220	rVB	315212	394255	6.36%	1.273%
65	15.474	2272	2276	2277	rBV	251067	305629	4.93%	0.987%
66	15.903	2346	2349	2355	rVB	189935	276518	4.46%	0.893%

Sum of corrected areas: 30962120

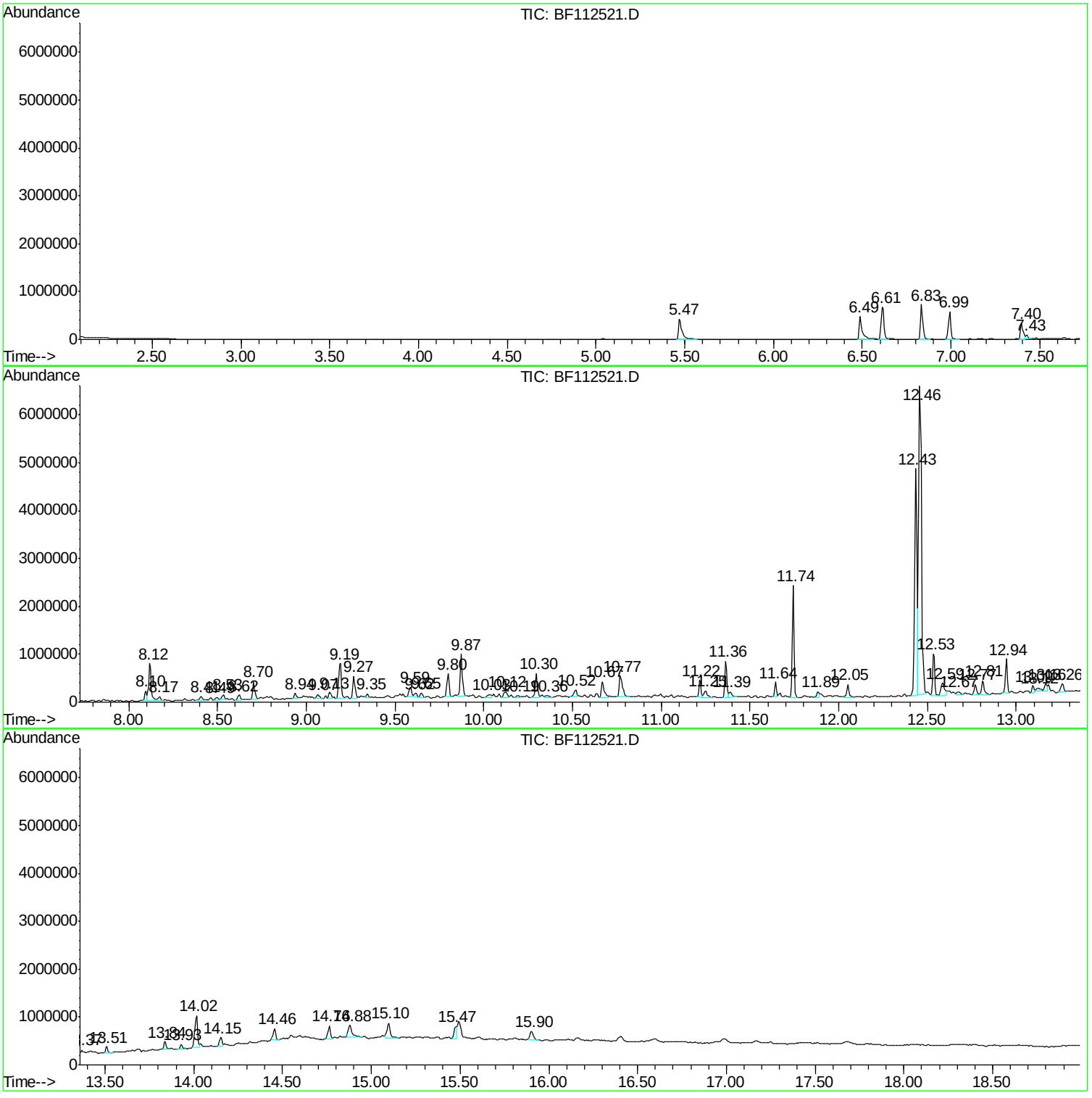
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112521.D
Acq On : 12 Feb 2019 21:53
Operator : JU/SJ
Sample : K1343-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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\BF021219\
Data File : BF112521.D
Acq On : 12 Feb 2019 21:53
Operator : JU/SJ
Sample : K1343-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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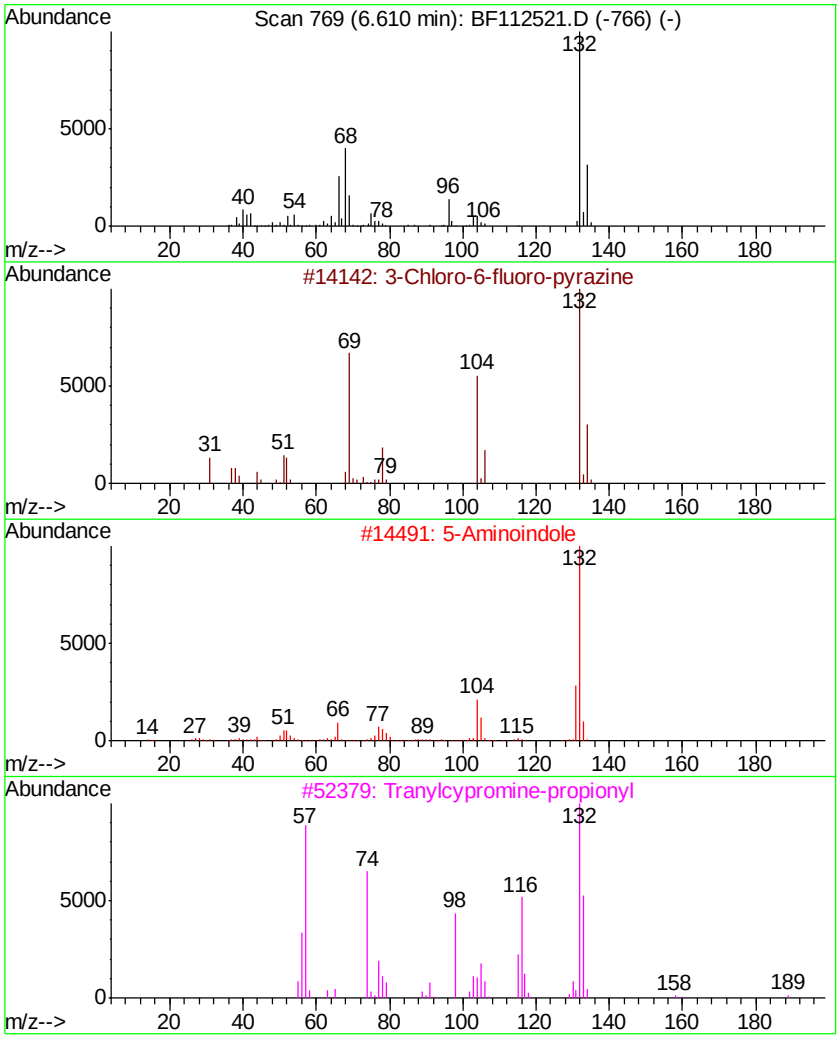
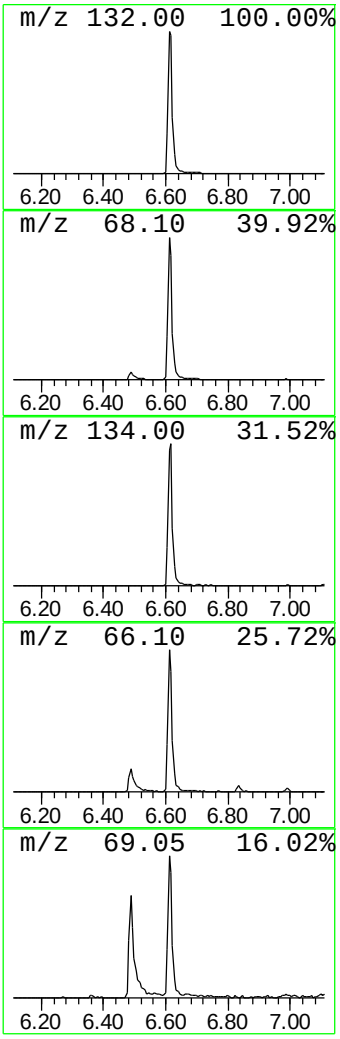
Peak Number 1 unknown6.61 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	21.44 ng	667806	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112521.D
Acq On : 12 Feb 2019 21:53
Operator : JU/SJ
Sample : K1343-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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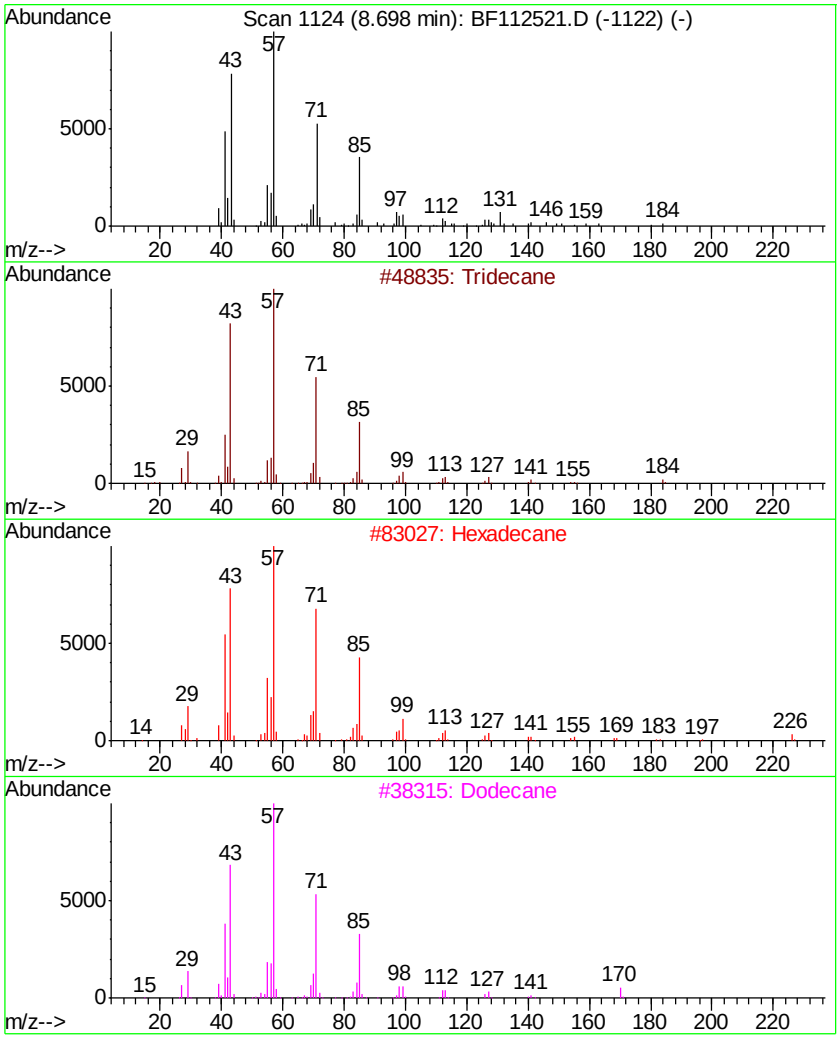
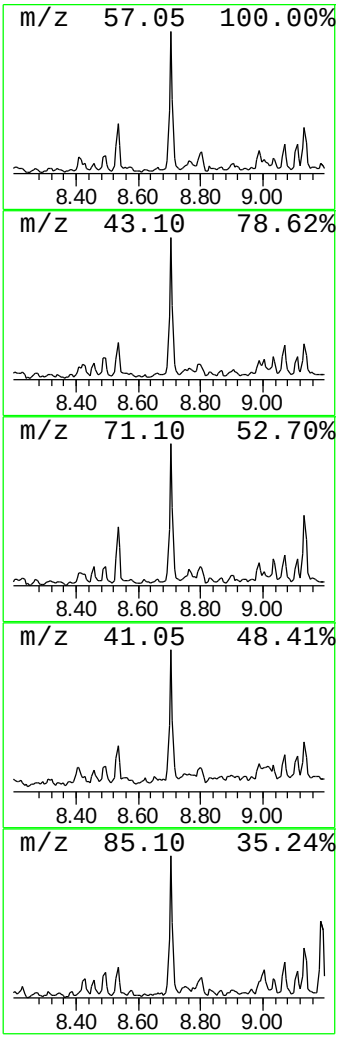
Peak Number 3 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	8.01 ng	303324	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Hexadecane	226	C16H34	000544-76-3	86
3	Dodecane	170	C12H26	000112-40-3	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112521.D
Acq On : 12 Feb 2019 21:53
Operator : JU/SJ
Sample : K1343-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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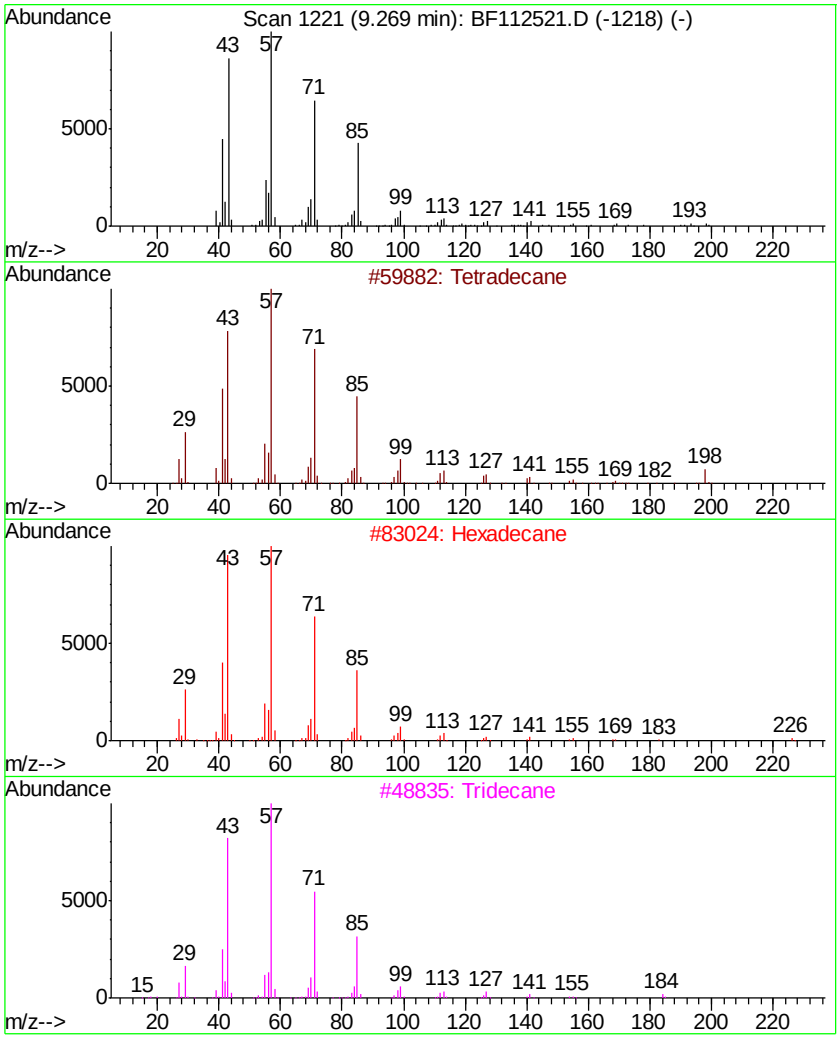
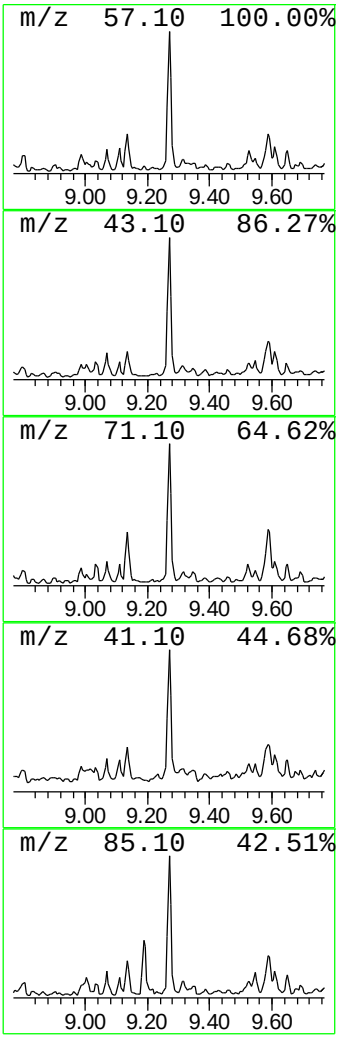
Peak Number 4 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	10.38 ng	381916	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
5	Nonadecane	268	C19H40	000629-92-5	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112521.D
Acq On : 12 Feb 2019 21:53
Operator : JU/SJ
Sample : K1343-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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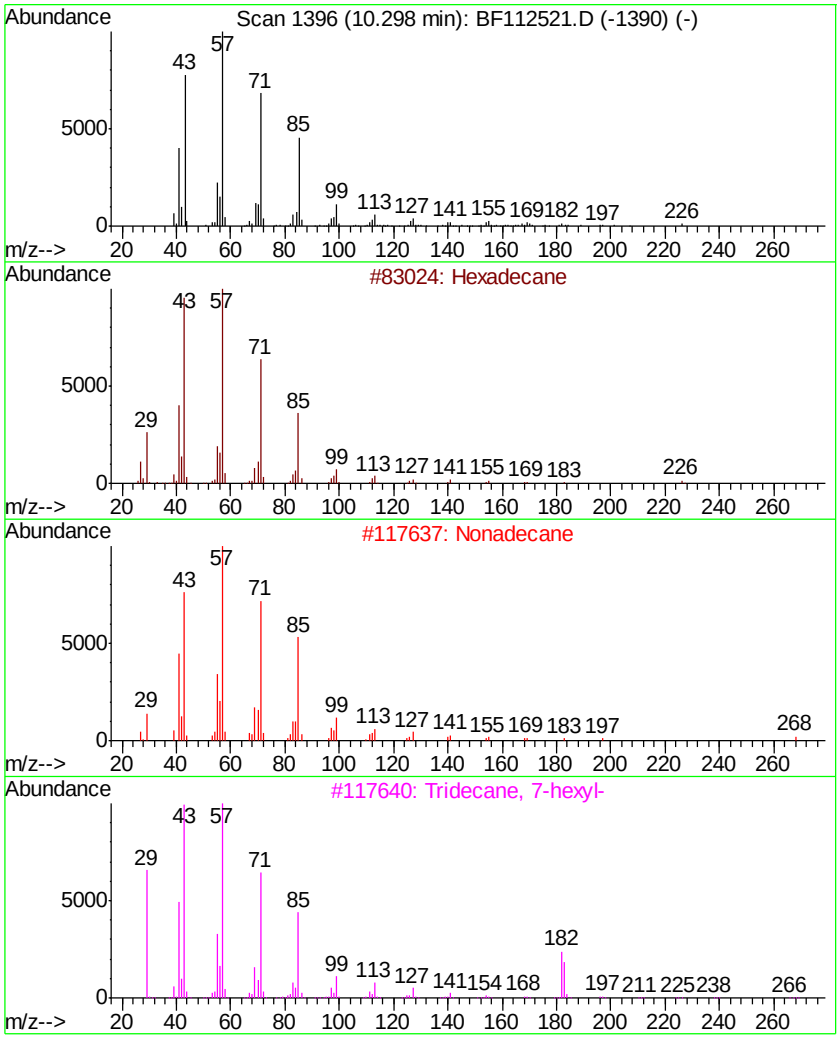
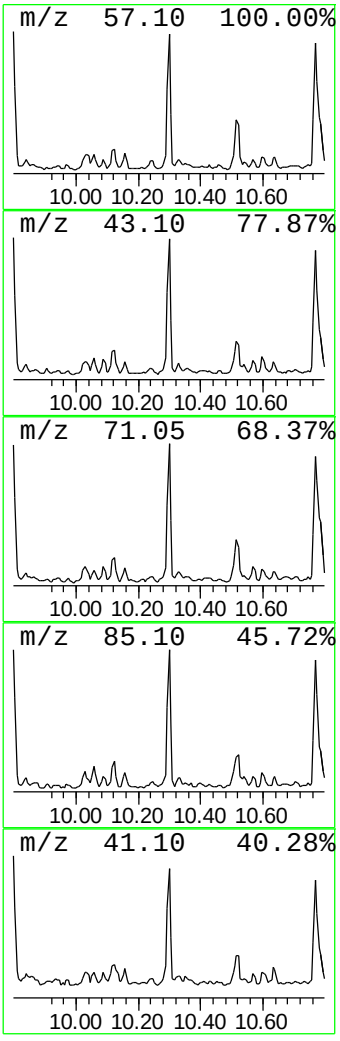
Peak Number 7 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	12.41 ng	456726	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Pentadecane	212	C15H32	000629-62-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112521.D
Acq On : 12 Feb 2019 21:53
Operator : JU/SJ
Sample : K1343-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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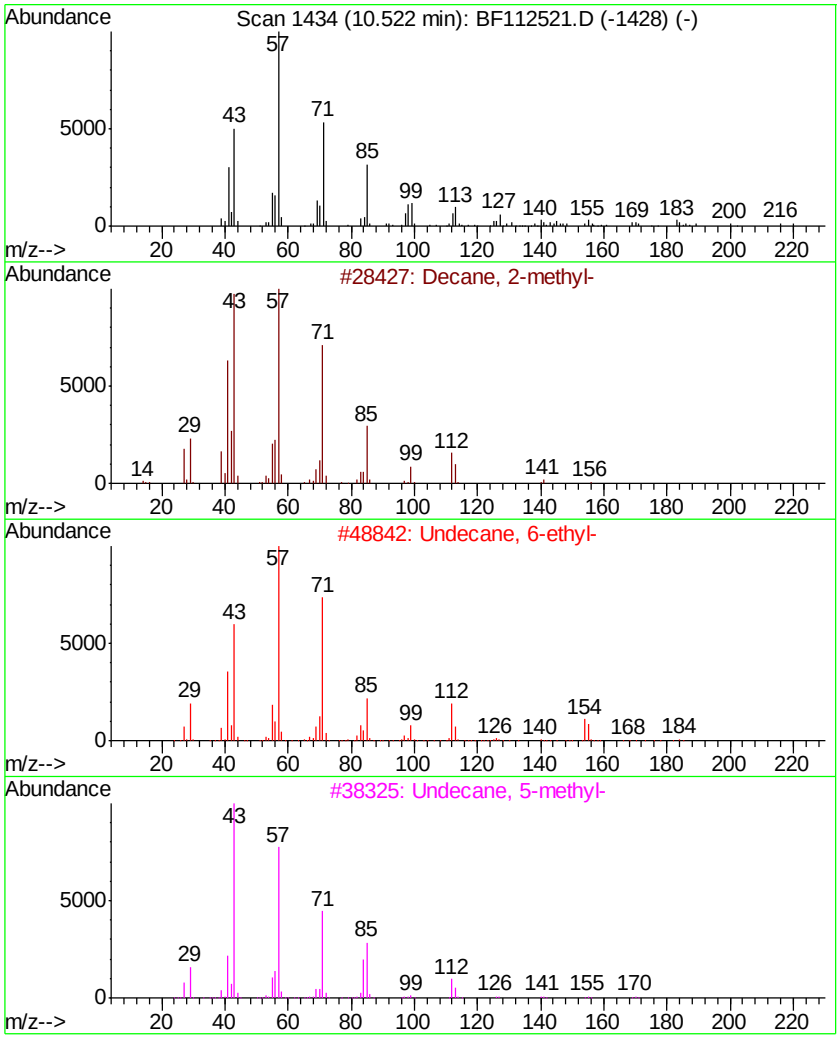
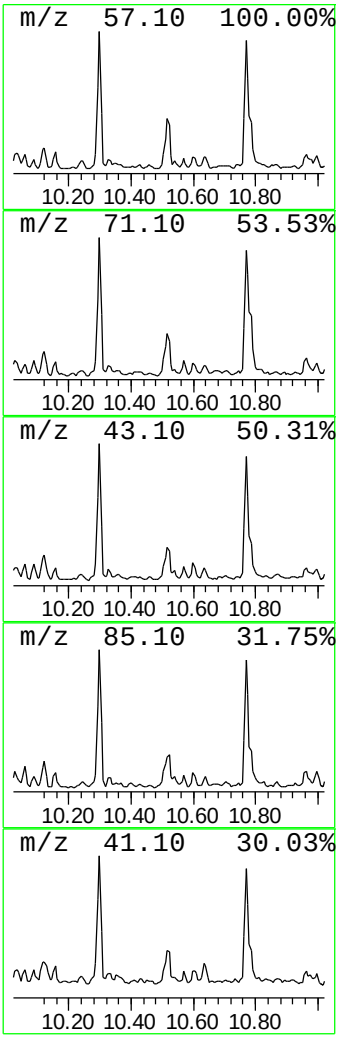
Peak Number 8 Decane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	5.55 ng	204270	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	72
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	60
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112521.D
Acq On : 12 Feb 2019 21:53
Operator : JU/SJ
Sample : K1343-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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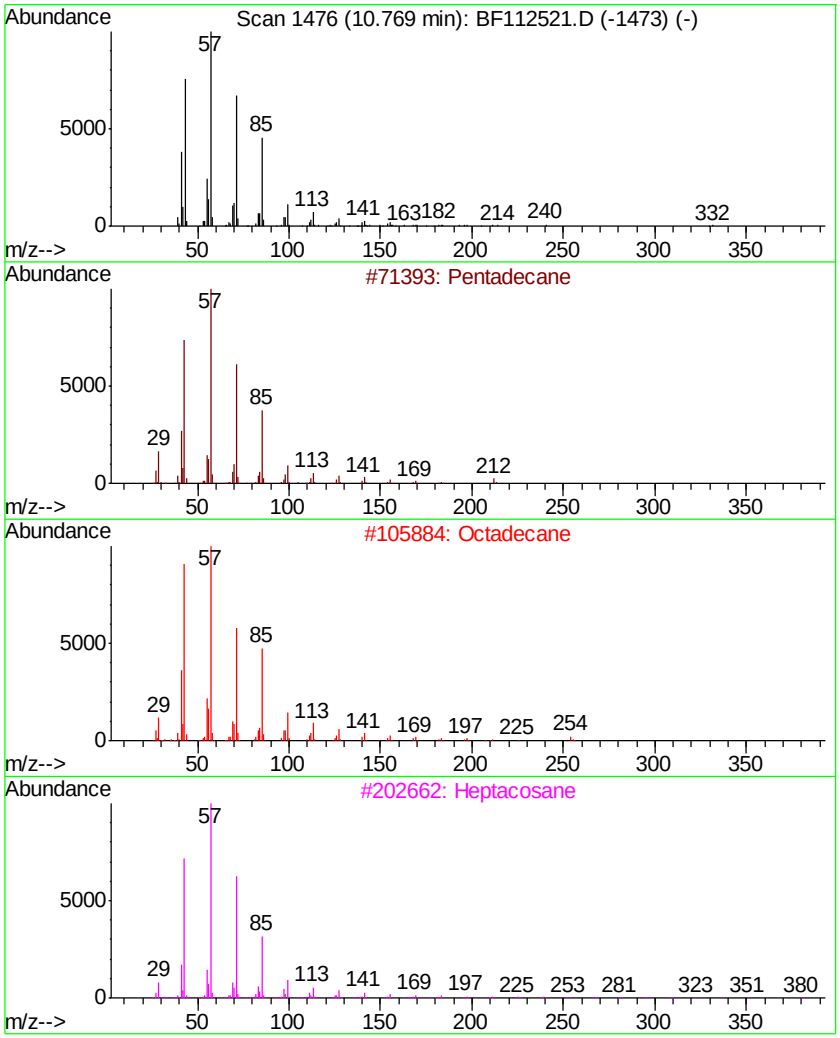
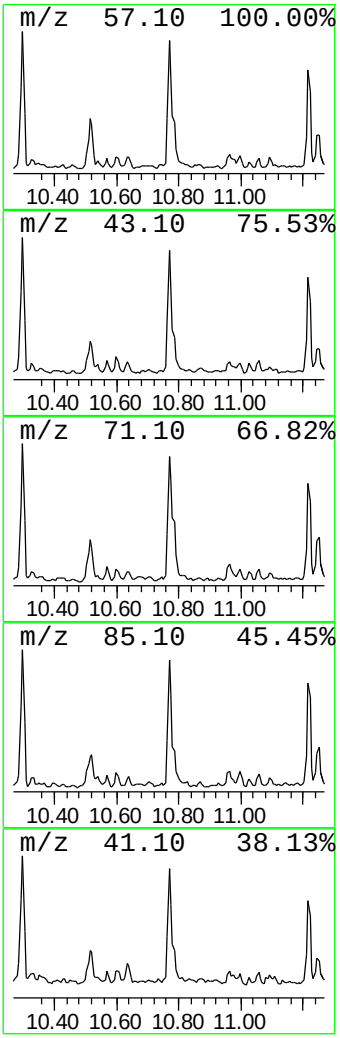
Peak Number 9 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	15.15 ng	523455	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Octadecane	254	C18H38	000593-45-3	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Tetradecane	198	C14H30	000629-59-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112521.D
Acq On : 12 Feb 2019 21:53
Operator : JU/SJ
Sample : K1343-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

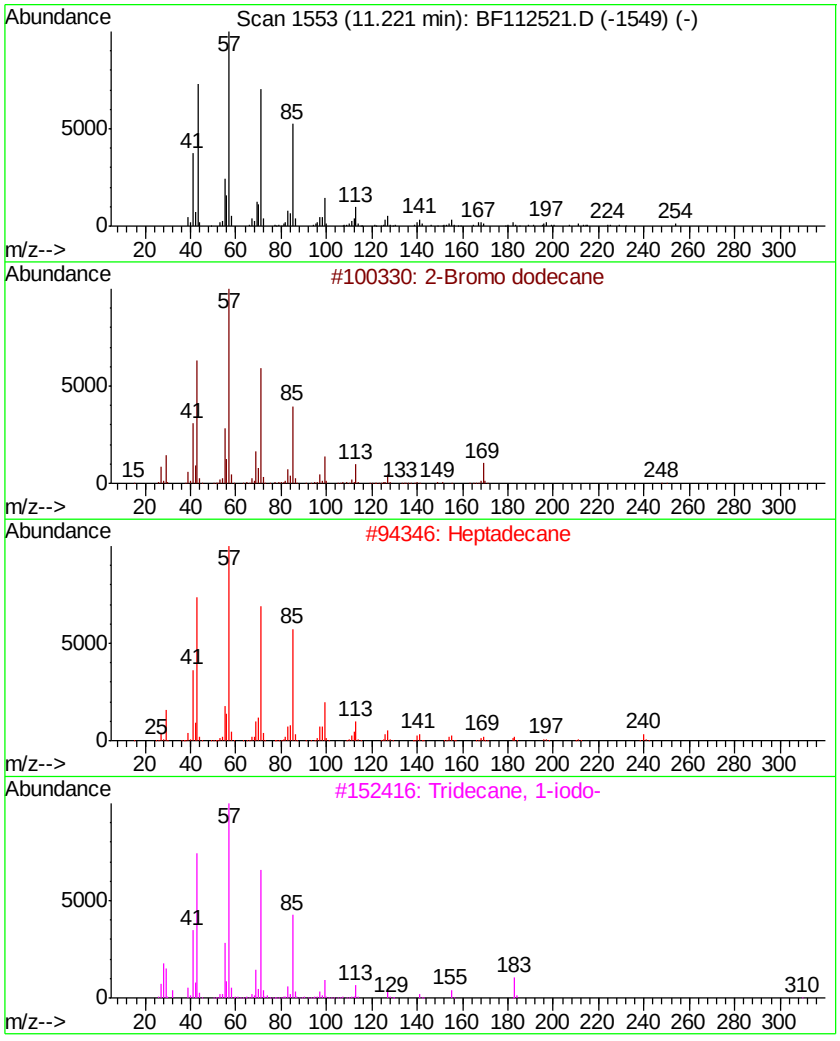
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

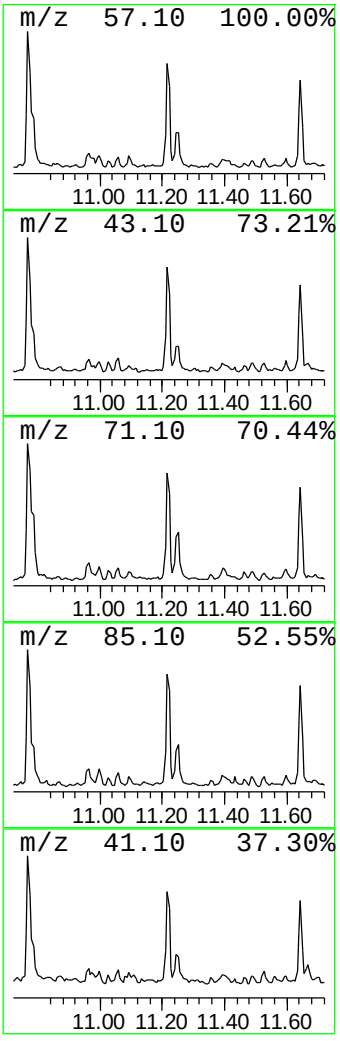
****

Peak Number 10 2-Bromo dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	8.91 ng	307754	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Eicosane	282	C20H42	000112-95-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112521.D
Acq On : 12 Feb 2019 21:53
Operator : JU/SJ
Sample : K1343-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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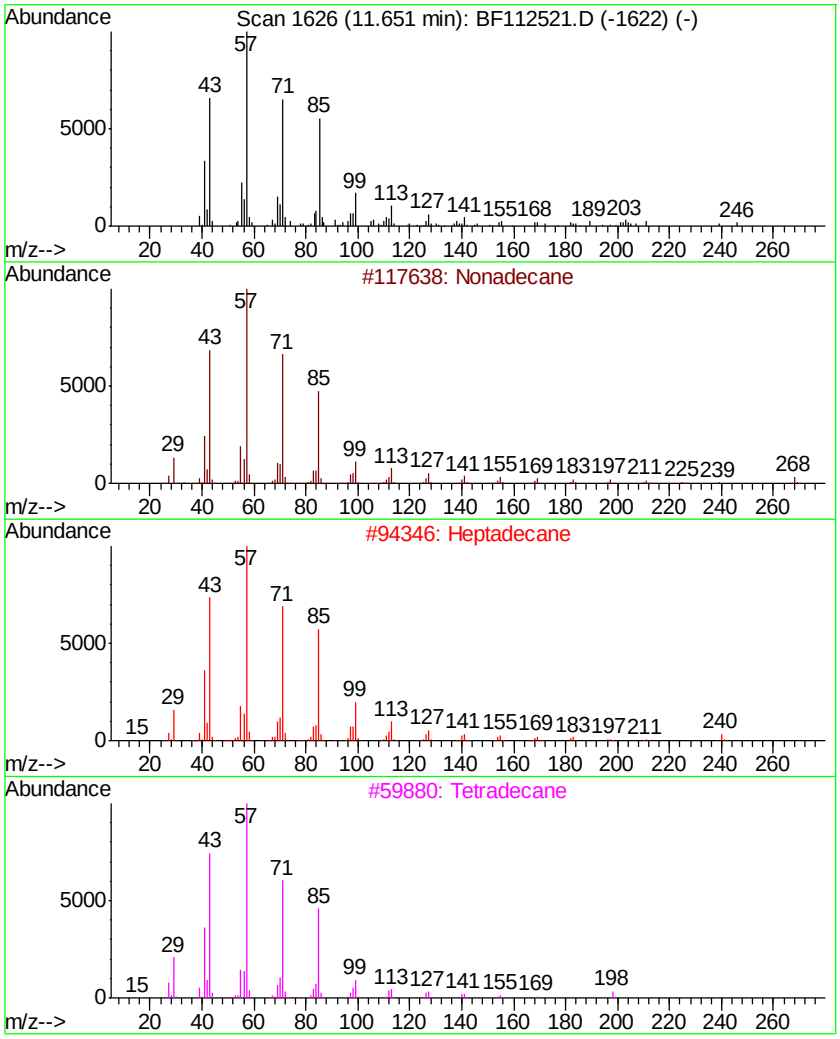
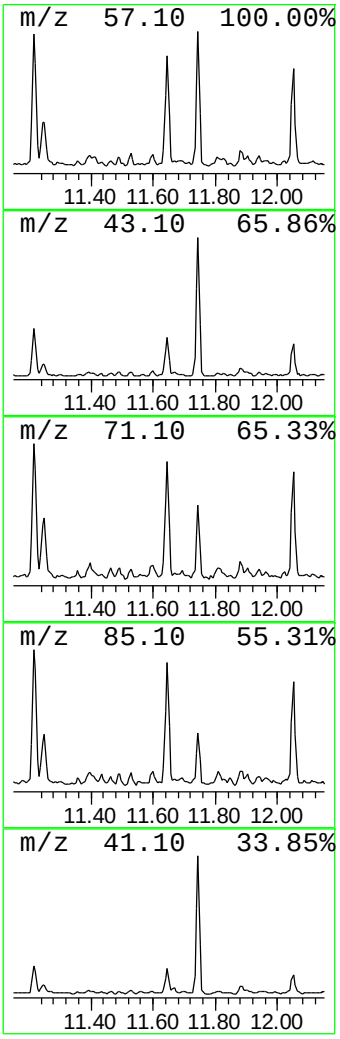
Peak Number 12 Nonadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	6.94 ng	239814	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heptadecane	240	C17H36	000629-78-7	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octadecane	254	C18H38	000593-45-3	90





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Data File : BF112521.D
Acq On : 12 Feb 2019 21:53
Operator : JU/SJ
Sample : K1343-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

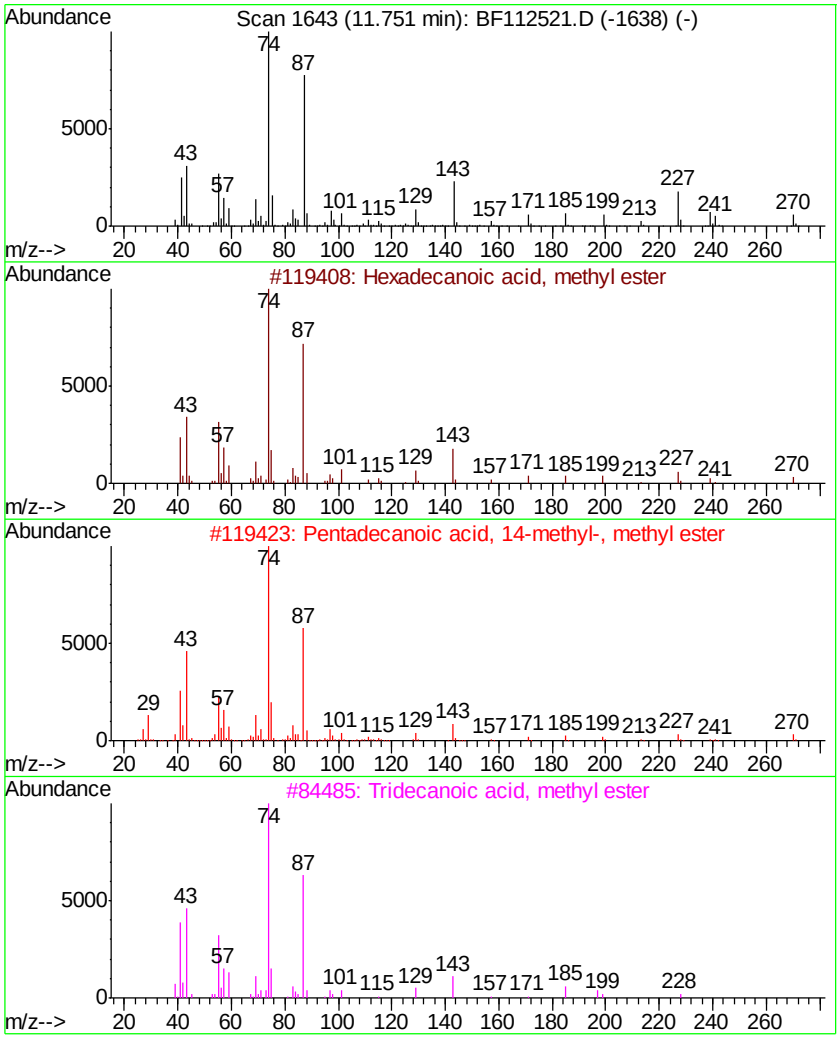
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

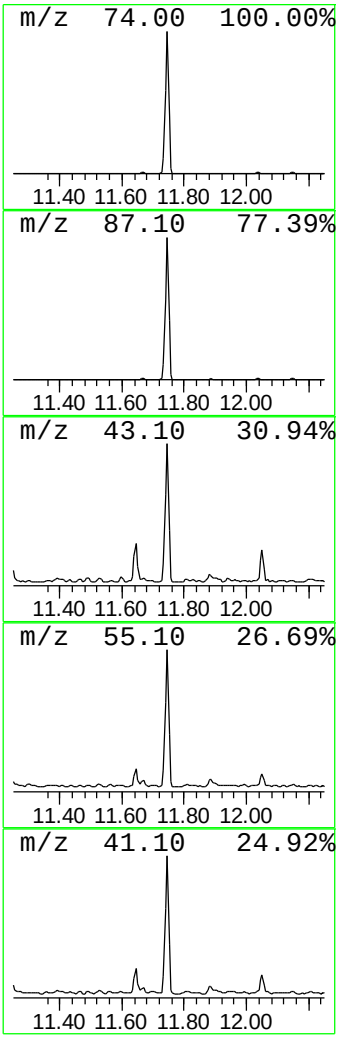
****

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	51.15 ng	1767010	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Library Search Compound Report

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Data File : BF112521.D
Acq On : 12 Feb 2019 21:53
Operator : JU/SJ
Sample : K1343-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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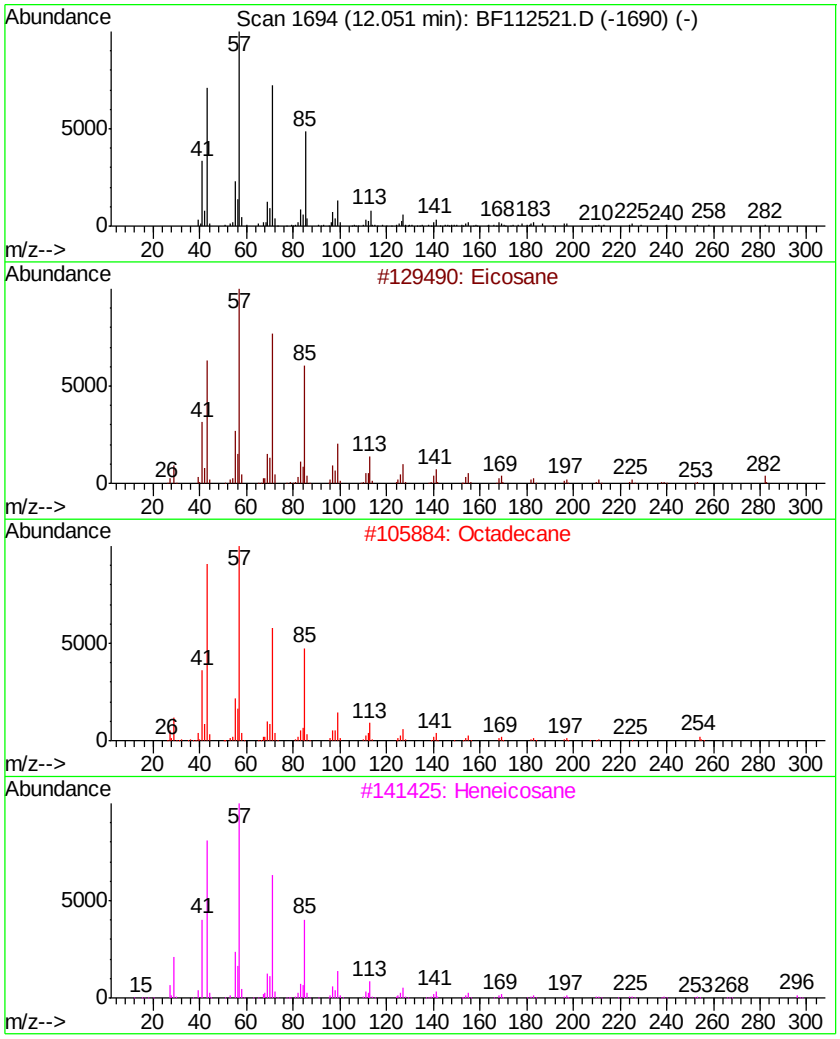
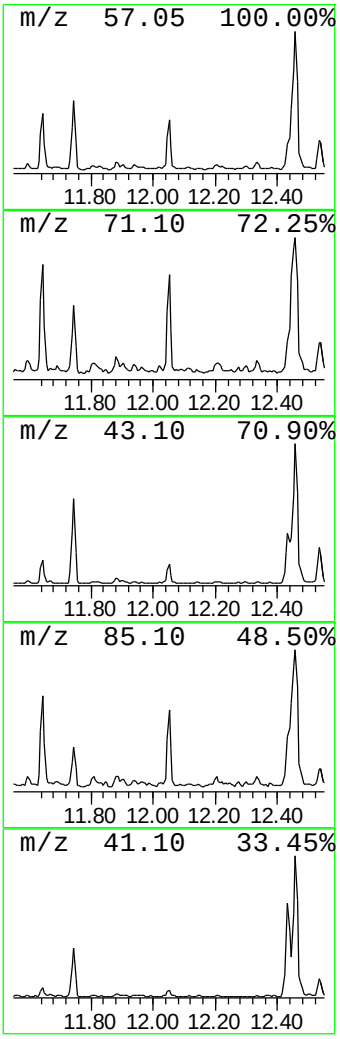
Peak Number 14 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	7.07 ng	244122	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Octadecane	254	C18H38	000593-45-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Tetradecane	198	C14H30	000629-59-4	91





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Acq On : 12 Feb 2019 21:53
Operator : JU/SJ
Sample : K1343-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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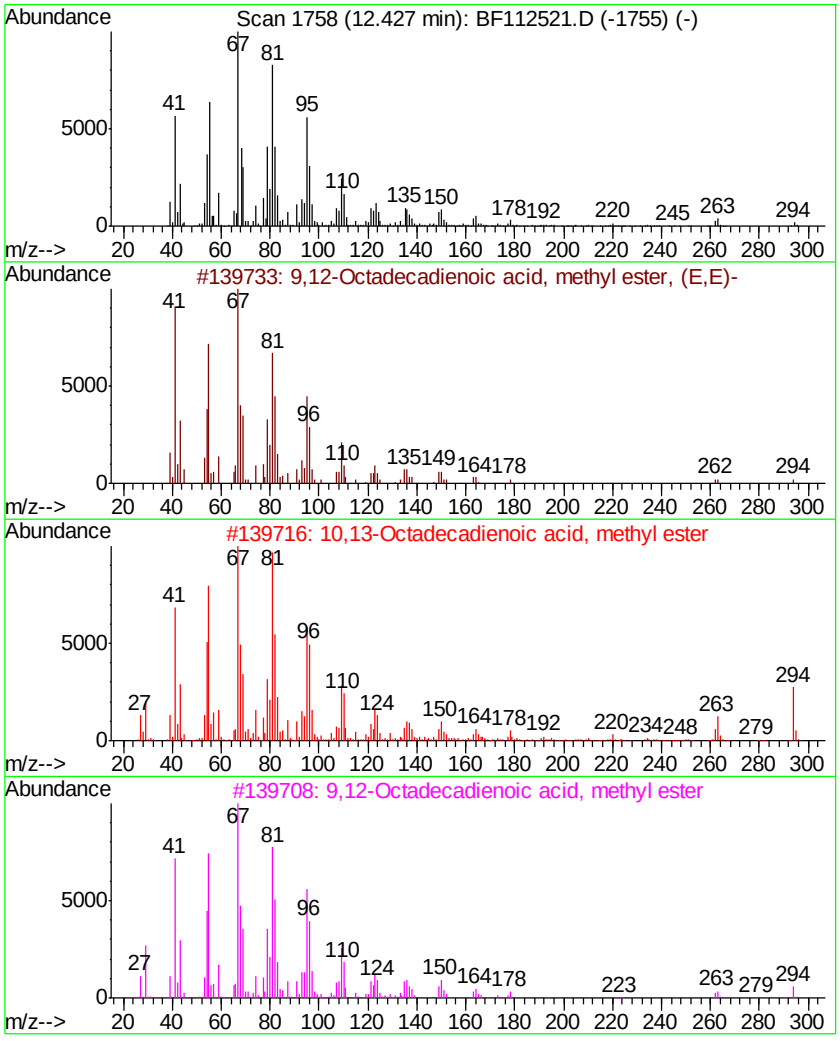
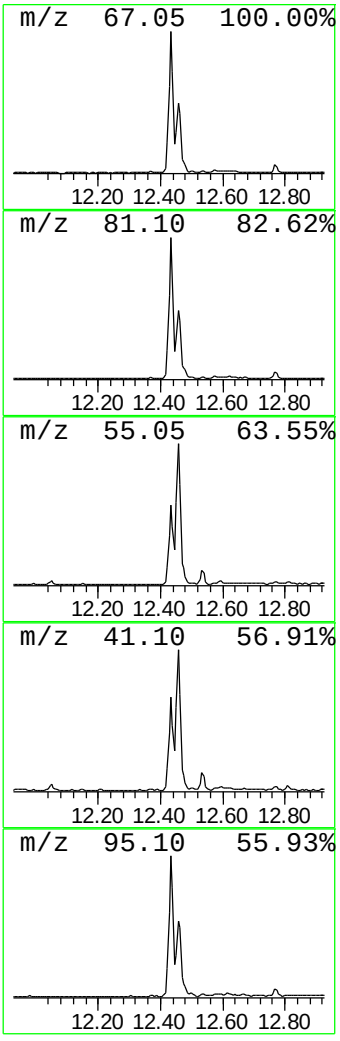
Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	144.73 ng	5000060	Phenanthrene-d10	11.36

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	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





Library Search Compound Report

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Data File : BF112521.D
Acq On : 12 Feb 2019 21:53
Operator : JU/SJ
Sample : K1343-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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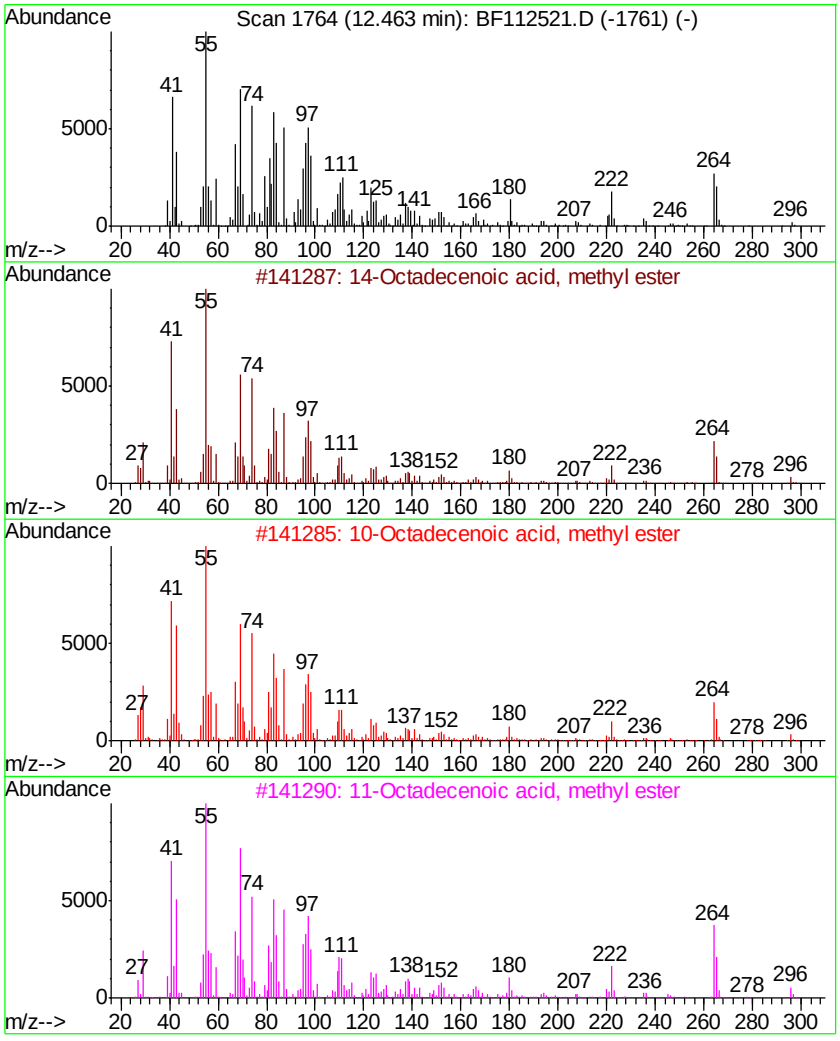
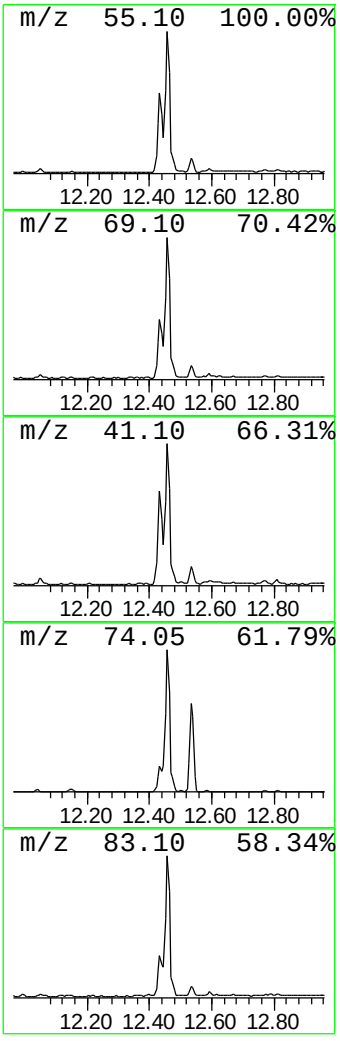
Peak Number 16 14-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	179.47 ng	6200070	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99





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Data File : BF112521.D
Acq On : 12 Feb 2019 21:53
Operator : JU/SJ
Sample : K1343-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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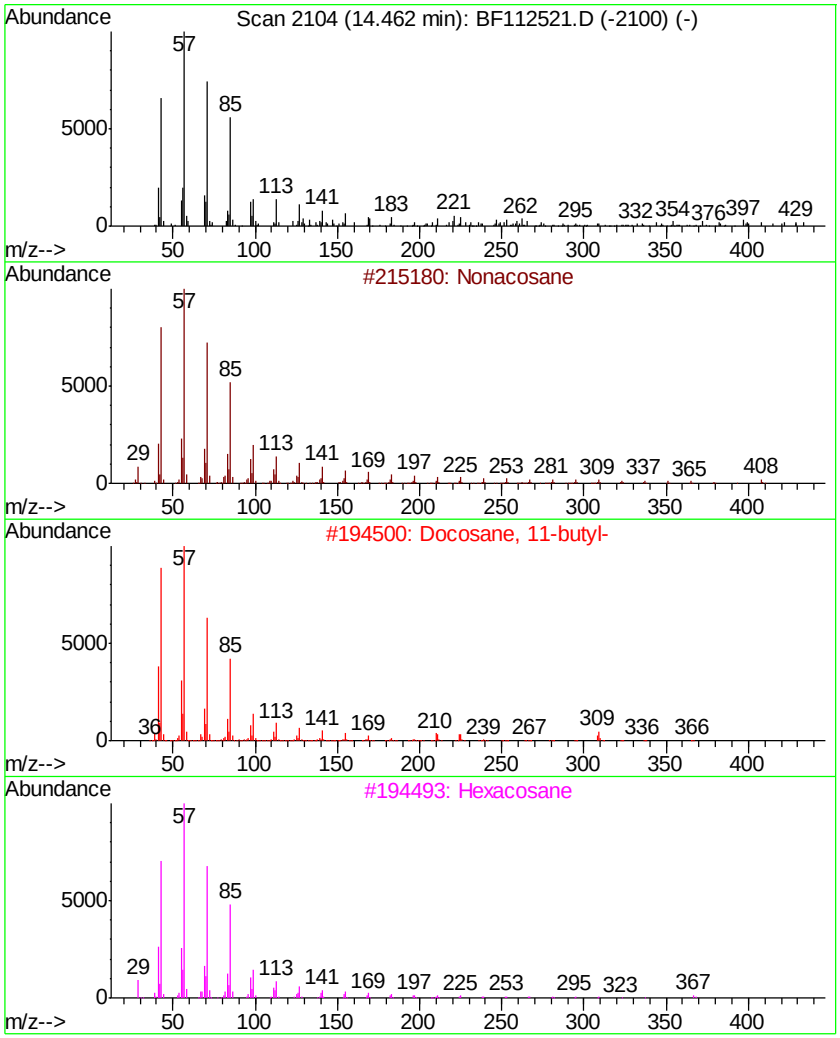
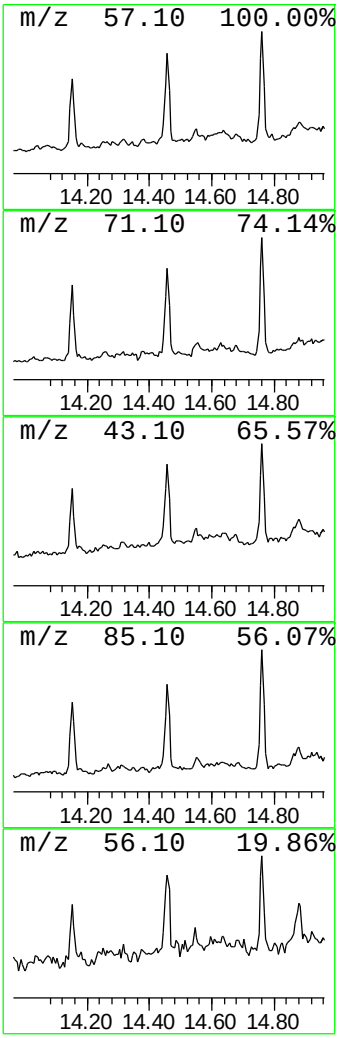
Peak Number 17 Nonacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	6.86 ng	239836	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	97
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
3	Hexacosane	366	C26H54	000630-01-3	91
4	Docosane, 5-butyl-	366	C26H54	055282-16-1	91
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

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Data File : BF112521.D
Acq On : 12 Feb 2019 21:53
Operator : JU/SJ
Sample : K1343-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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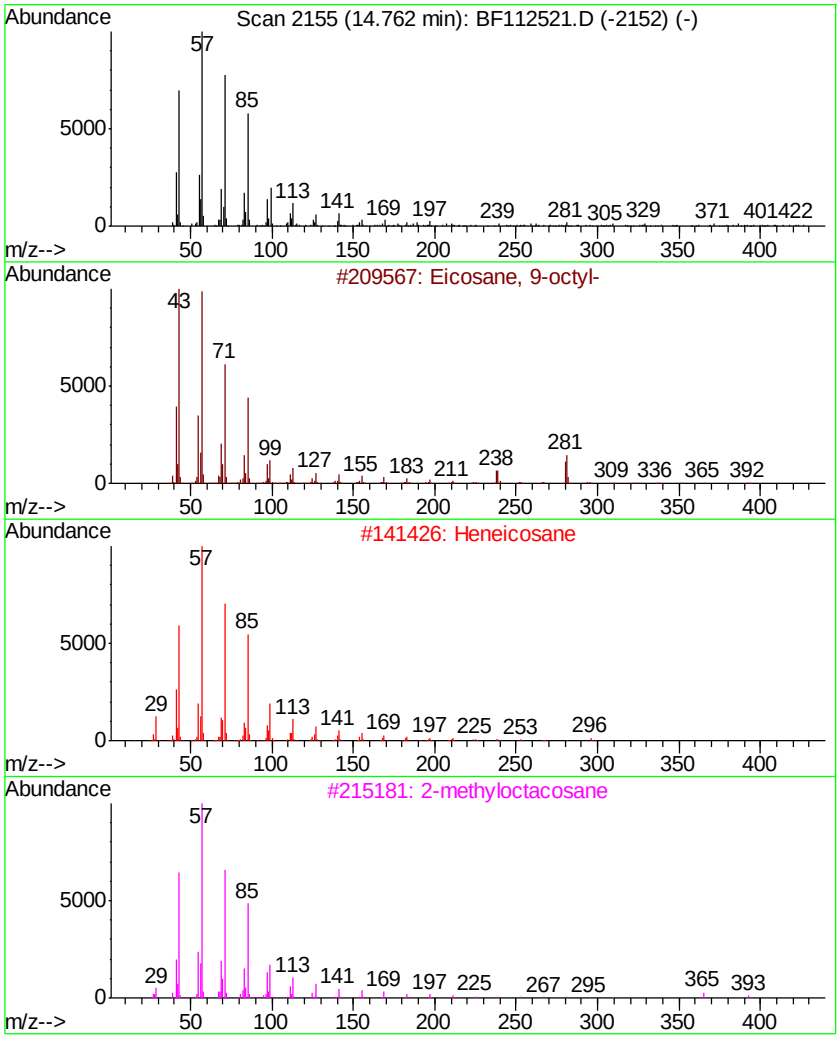
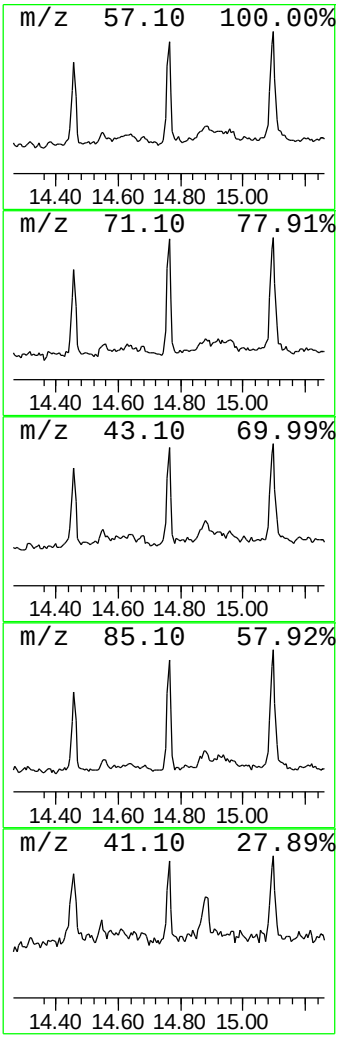
Peak Number 18 Eicosane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	15.78 ng	241144	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





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Acq On : 12 Feb 2019 21:53
Operator : JU/SJ
Sample : K1343-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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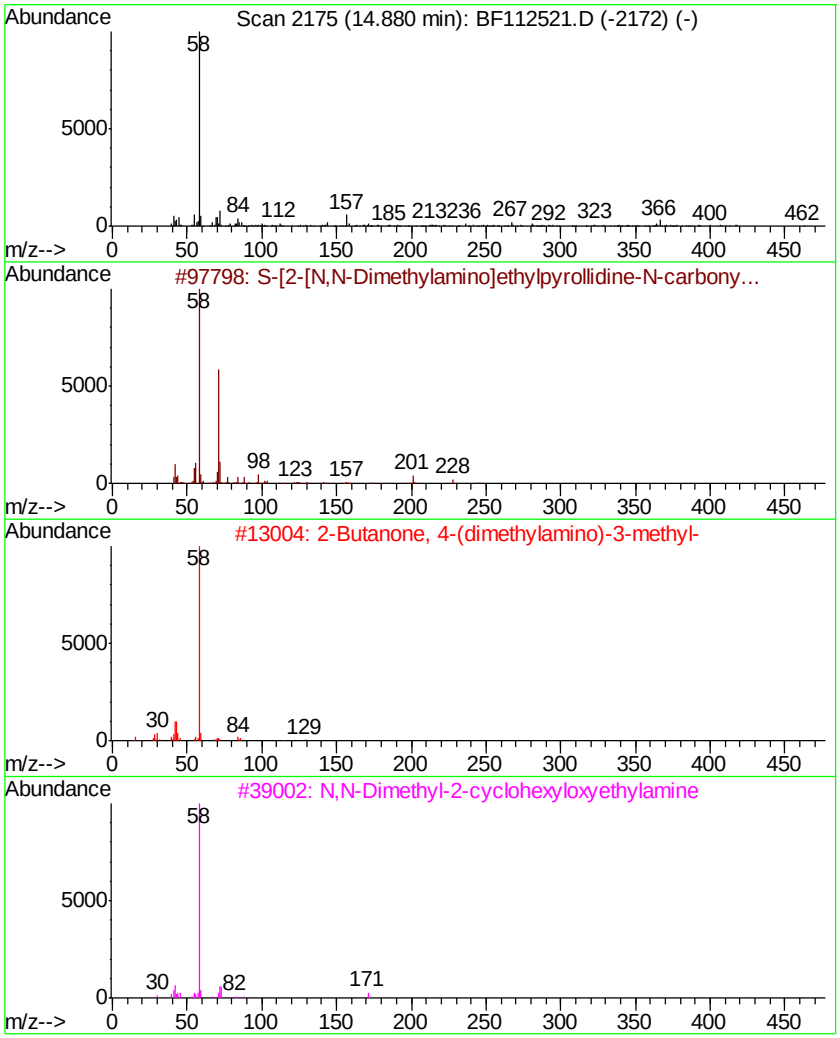
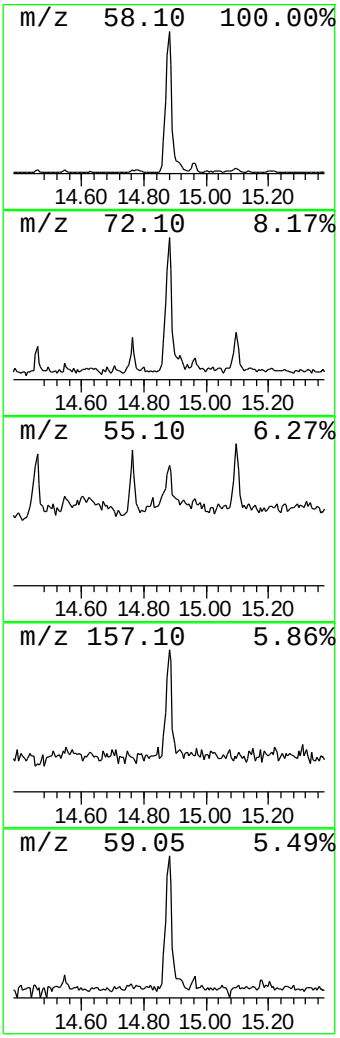
Peak Number 19 S-[2-[N,N-Dimethylamino]eth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	25.12 ng	383818	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	S-[2-[N,N-Dimethylaminolethylpyr...	245	C10H19N3O2S	1000212-14-2	64
2	2-Butanone, 4-(dimethylamino)-3-...	129	C7H15NO	022104-62-7	59
3	N,N-Dimethyl-2-cyclohexyloxyethy...	171	C10H21NO	071126-60-8	59
4	Dodecyltrimethylammonium bromide	307	C15H34BrN	001119-94-4	59
5	Tetradonium Bromide	335	C17H38BrN	001119-97-7	59





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Data File : BF112521.D
Acq On : 12 Feb 2019 21:53
Operator : JU/SJ
Sample : K1343-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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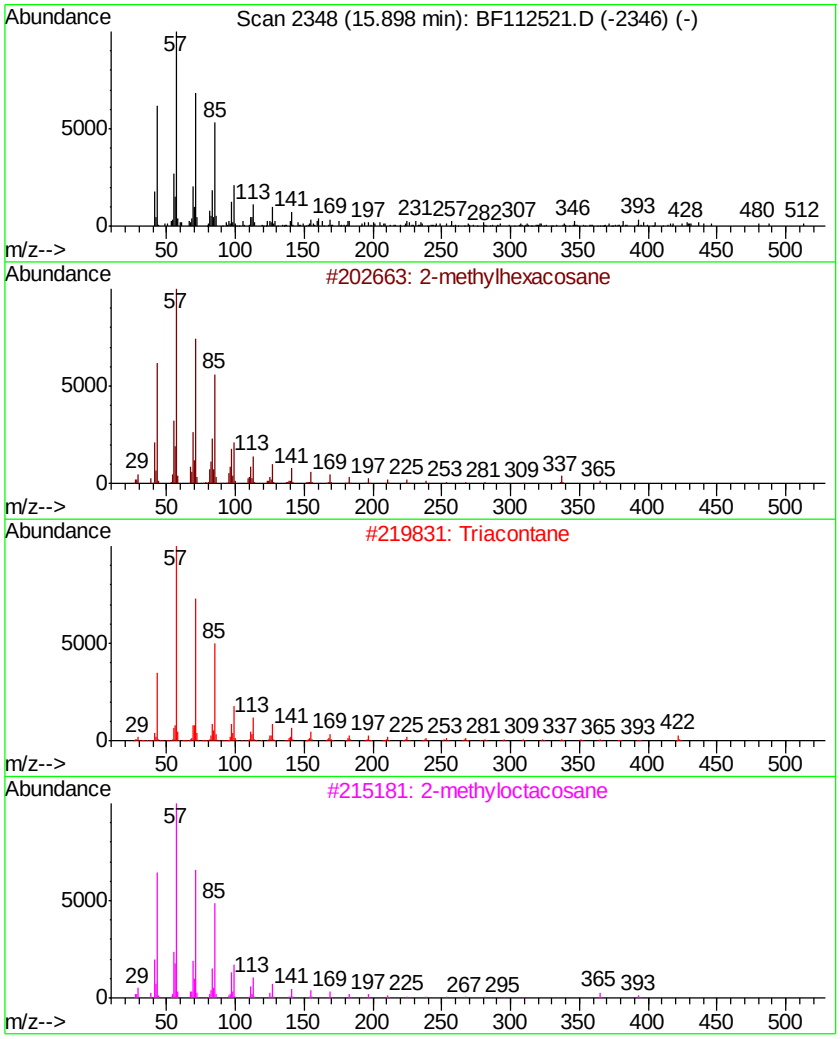
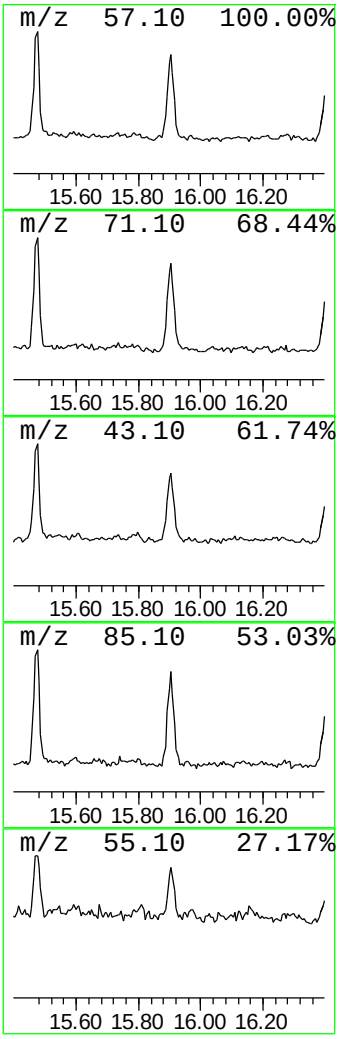
Peak Number 20 2-methylhexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	18.10 ng	276518	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methylhexacosane	380	C27H56	1000376-72-7	81
2	Triacontane	422	C30H62	000638-68-6	81
3	2-methyloctacosane	408	C29H60	1000376-72-8	81
4	Tetracosane	338	C24H50	000646-31-1	81
5	Hexacosane	366	C26H54	000630-01-3	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
Data File : BF112521.D
Acq On : 12 Feb 2019 21:53
Operator : JU/SJ
Sample : K1343-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
unknown6.61	6.61	21.4	ng	667806	1	6.83	622934	20.0
Tridecane	8.70	8.0	ng	303324	2	8.12	757679	20.0
Tetradecane	9.27	10.4	ng	381916	3	9.87	736095	20.0
Hexadecane	10.30	12.4	ng	456726	3	9.87	736095	20.0
Decane, 2-methyl-	10.52	5.5	ng	204270	3	9.87	736095	20.0
Pentadecane	10.77	15.2	ng	523455	4	11.36	690933	20.0
2-Bromo dodecane	11.22	8.9	ng	307754	4	11.36	690933	20.0
Nonadecane	11.65	6.9	ng	239814	4	11.36	690933	20.0
Hexadecanoic acid...	11.75	51.1	ng	1767010	4	11.36	690933	20.0
Eicosane	12.05	7.1	ng	244122	4	11.36	690933	20.0
9,12-Octadecadien...	12.43	144.7	ng	5000060	4	11.36	690933	20.0
14-Octadecenoic a...	12.46	179.5	ng	6200070	4	11.36	690933	20.0
Nonacosane	14.46	6.9	ng	239836	5	14.02	699319	20.0
Eicosane, 9-octyl-	14.76	15.8	ng	241144	6	15.49	305629	20.0
S-[2-[N,N-Dimethy...	14.88	25.1	ng	383818	6	15.49	305629	20.0
2-methylhexacosane	15.90	18.1	ng	276518	6	15.49	305629	20.0