LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112154.D
Acq On : 21 Jan 2019 13:10
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-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-BF011619.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	3.334	209	212	224	rBV	49836	133284	1.42%	0.230%
2	5.481	573	577	587	rBV	1283160	1274526	13.57%	2.204%
3	6.493	745	749	763	rBV	1406378	1463798	15.58%	2.531%
4	6.622	768	771	778	rVB	1724066	1494333	15.91%	2.584%
5	6.851	806	810	818	rBV	2096674	1707382	18.17%	2.952%
6	7.004	833	836	840	rBV	1397304	1197866	12.75%	2.071%
7	7.404	901	904	909	rBV	952190	818757	8.71%	1.416%
8	8.134	1022	1028	1031	rBV	2741441	2367181	25.20%	4.093%
9	8.722	1125	1128	1133	rBV	241009	223533	2.38%	0.386%
10	8.951	1163	1167	1170	rBV2	74393	96213	1.02%	0.166%
11	9.204	1206	1210	1215	rBV	2487009	1947685	20.73%	3.367%
12	9.287	1221	1224	1227	rBV	332340	299721	3.19%	0.518%
13	9.322	1227	1230	1234	rVB	149266	143976	1.53%	0.249%
14	9.463	1252	1254	1259	rVB4	61004	97373	1.04%	0.168%
15	9.598	1274	1277	1281	rBV2	190202	245257	2.61%	0.424%
16	9.816	1307	1314	1319	rBV	413184	382817	4.07%	0.662%
17	9.886	1322	1326	1330	rVV	2811990	2438821	25.96%	4.217%
18	10.092	1356	1361	1365	rVB3	81631	140536	1.50%	0.243%
19	10.139	1365	1369	1373	rBV4	80949	116190	1.24%	0.201%
20	10.316	1396	1399	1402	rVB	433928	324972	3.46%	0.562%
21	10.433	1416	1419	1422	rBV	94031	103468	1.10%	0.179%
22	10.539	1432	1437	1443	rVB	135472	197113	2.10%	0.341%
23	10.675	1454	1460	1464	rBV	1091525	965142	10.27%	1.669%
24	10.786	1477	1479	1489	rVB	383191	494059	5.26%	0.854%
25	11.239	1552	1556	1558	rBV	322041	288806	3.07%	0.499%
26	11.269	1558	1561	1567	rVB	182766	196983	2.10%	0.341%
27	11.375	1575	1579	1581	rBV	2585702	2172876	23.13%	3.757%
28	11.398	1581	1583	1587	rVV	510239	445401	4.74%	0.770%
29	11.451	1589	1592	1594	rVB	149932	128311	1.37%	0.222%
30	11.663	1625	1628	1630	rBV	305486	234146	2.49%	0.405%
31	11.763	1641	1645	1648	rBV	3878848	2961586	31.52%	5.120%
32	11.898	1666	1668	1675	rVB2	285054	281697	3.00%	0.487%
33	11.986	1680	1683	1685	rBV	120134	109637	1.17%	0.190%
34	12.069	1694	1697	1702	rVB	239678	213859	2.28%	0.370%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112154.D
Acq On : 21 Jan 2019 13:10
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-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-BF011619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.451	1758	1762	1764	rBV	8905671	9395097	100.00%	16.244%
36	12.475	1764	1766	1772	rVB	7744966	6452585	68.68%	11.156%
37	12.551	1776	1779	1782	rBV	1395285	1204020	12.82%	2.082%
38	12.586	1782	1785	1787	rBV	717553	592490	6.31%	1.024%
39	12.680	1798	1801	1808	rBV6	93268	119787	1.27%	0.207%
40	12.816	1818	1824	1831	rVB	510976	692762	7.37%	1.198%
41	12.951	1844	1847	1851	rBV	1542383	1426493	15.18%	2.466%
42	13.186	1884	1887	1888	rBV	131577	121837	1.30%	0.211%
43	13.280	1900	1903	1906	rVB	123296	106050	1.13%	0.183%
44	13.527	1942	1945	1948	rBV	126199	115152	1.23%	0.199%
45	13.851	1997	2000	2006	rVB3	191541	240384	2.56%	0.416%
46	13.945	2013	2016	2020	rBV2	130853	138984	1.48%	0.240%
47	14.016	2023	2028	2031	rVV	2132341	2192477	23.34%	3.791%
48	14.039	2031	2032	2034	rVB	217228	118887	1.27%	0.206%
49	14.169	2051	2054	2059	rBV	257884	284890	3.03%	0.493%
50	14.474	2103	2106	2112	rVB	420531	426931	4.54%	0.738%
51	14.780	2155	2158	2162	rBV	709232	730709	7.78%	1.263%
52	14.898	2175	2178	2183	rBV	171802	208505	2.22%	0.360%
53	15.057	2202	2205	2208	rBV	224683	302612	3.22%	0.523%
54	15.121	2212	2216	2221	rBV	1089910	1266861	13.48%	2.190%
55	15.421	2265	2267	2273	rVB	194720	237637	2.53%	0.411%
56	15.492	2274	2279	2297	rVB2	1922131	3639842	38.74%	6.293%
57	15.933	2350	2354	2360	rVB	880700	1292208	13.75%	2.234%
58	16.439	2435	2440	2448	rVB	453177	823632	8.77%	1.424%

Sum of corrected areas: 57838137

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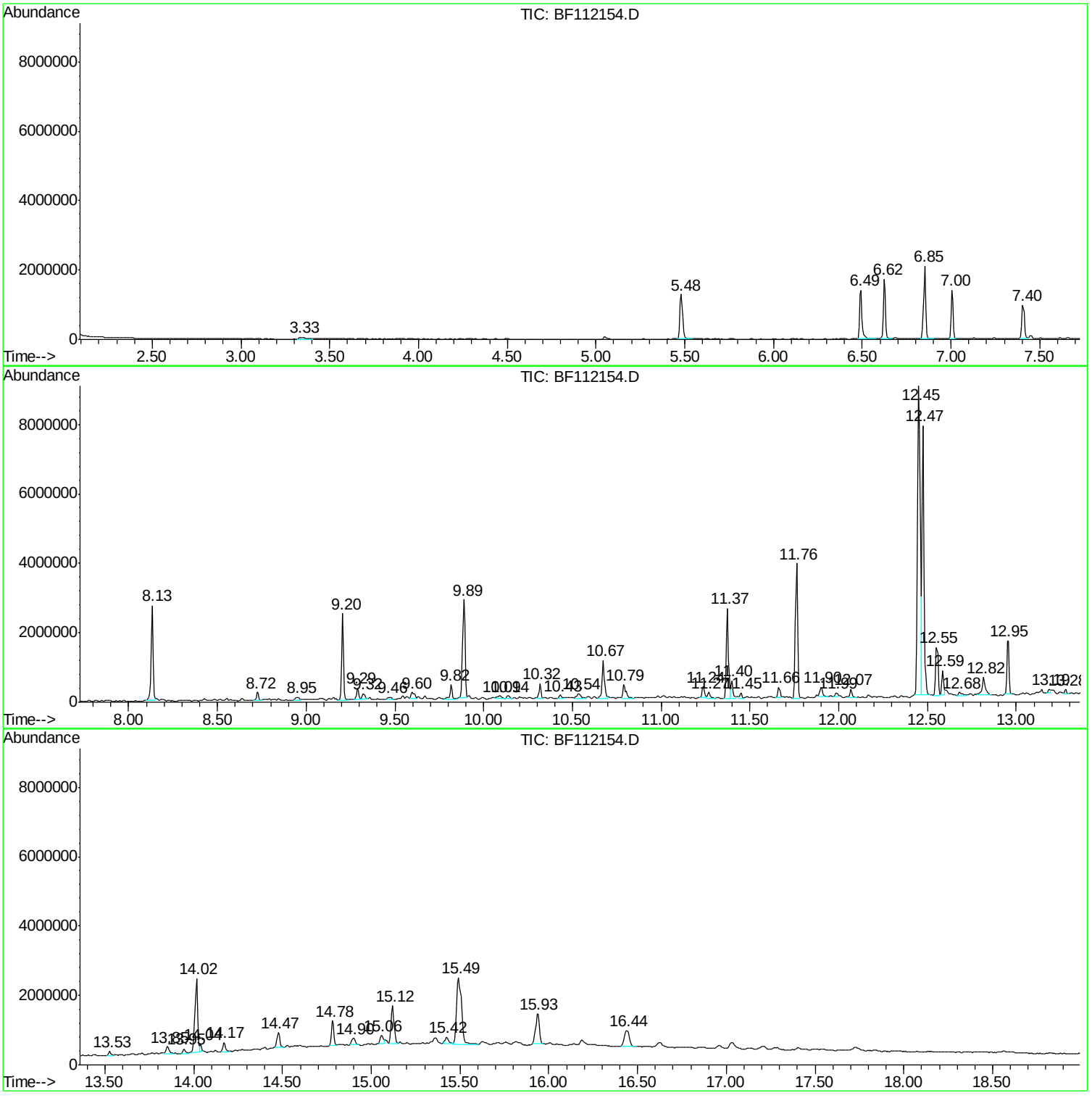
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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\BF012119\
Data File : BF112154.D
Acq On : 21 Jan 2019 13:10
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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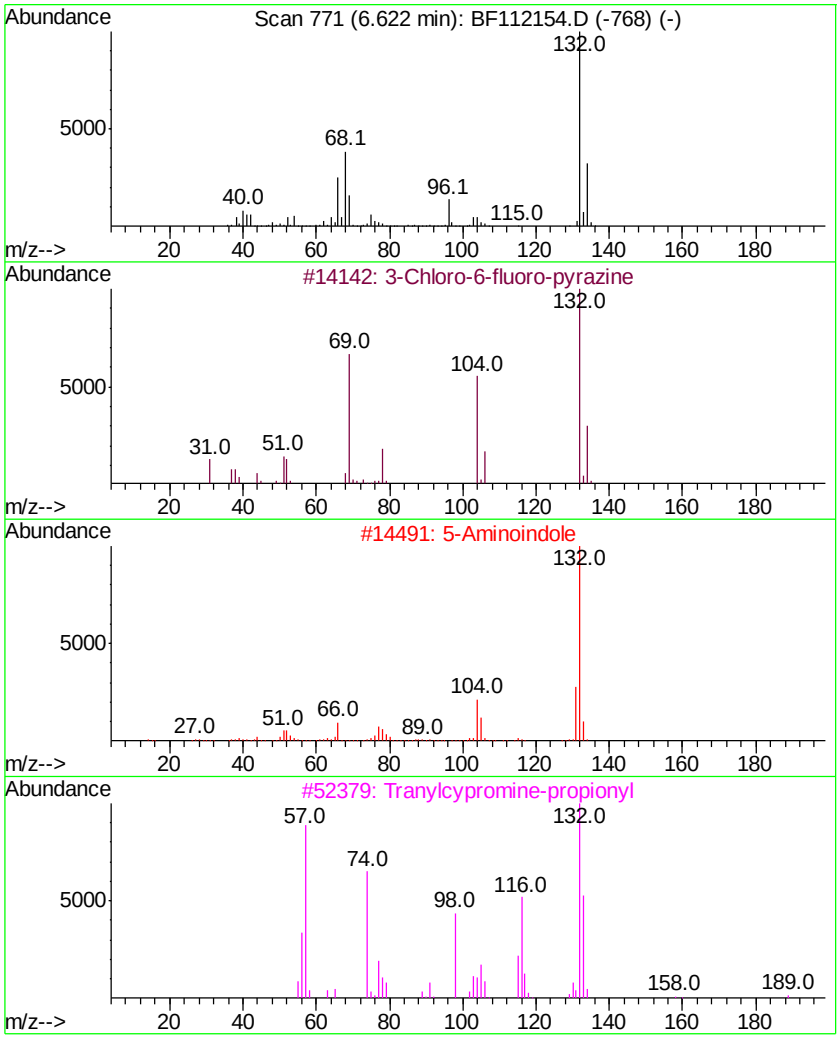
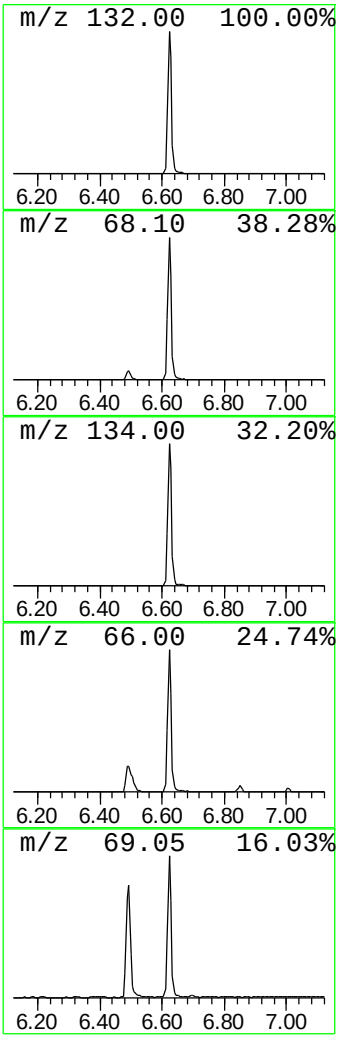
Peak Number 1 unknown6.62 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	17.50 ng	1494330	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
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	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112154.D
Acq On : 21 Jan 2019 13:10
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

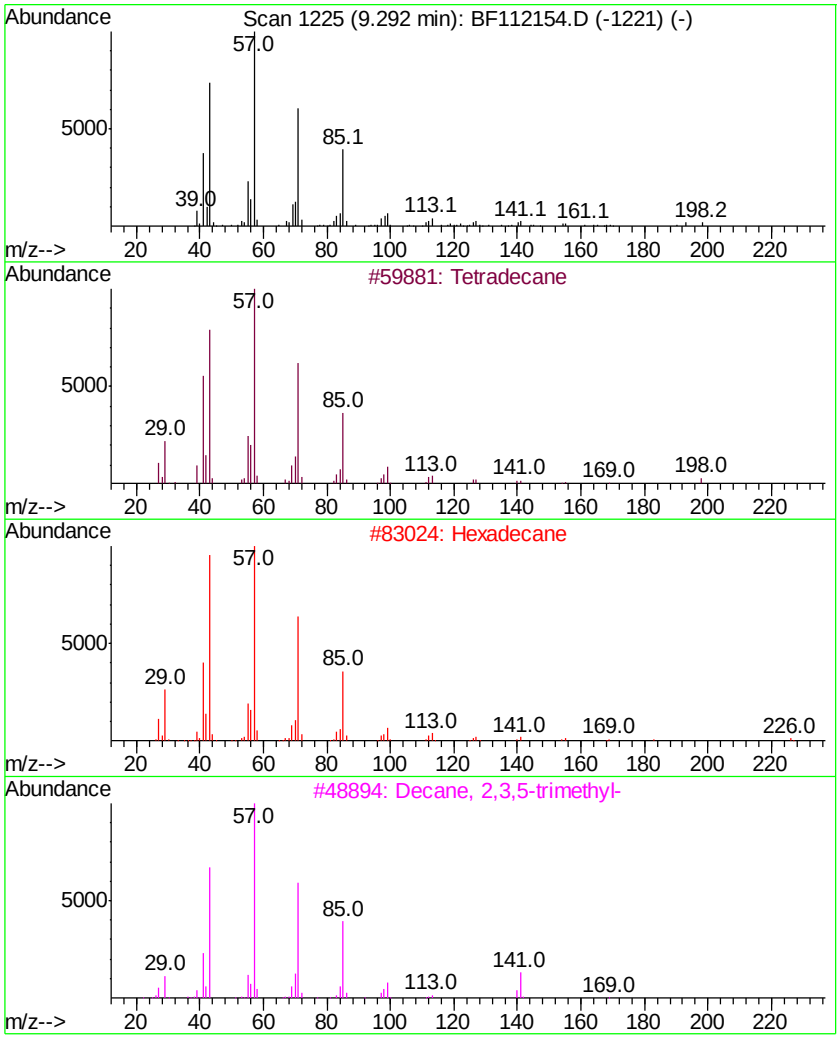
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

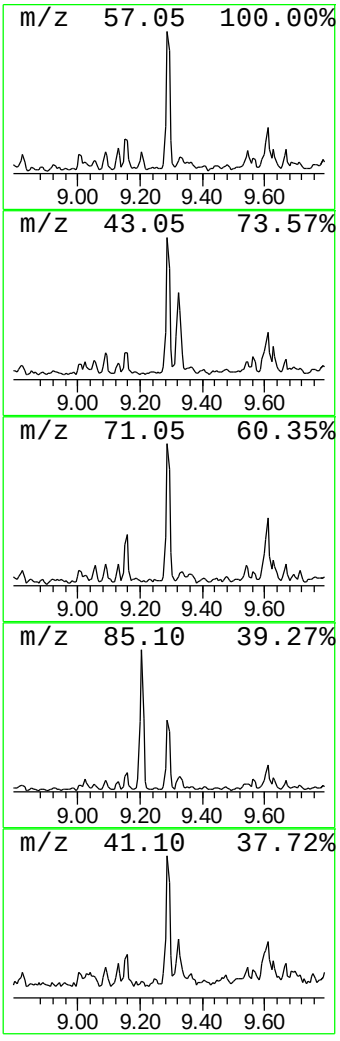
****

Peak Number 3 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	2.46 ng	299721	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Hexadecane	226	C16H34	000544-76-3	91
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Tridecane	184	C13H28	000629-50-5	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112154.D
Acq On : 21 Jan 2019 13:10
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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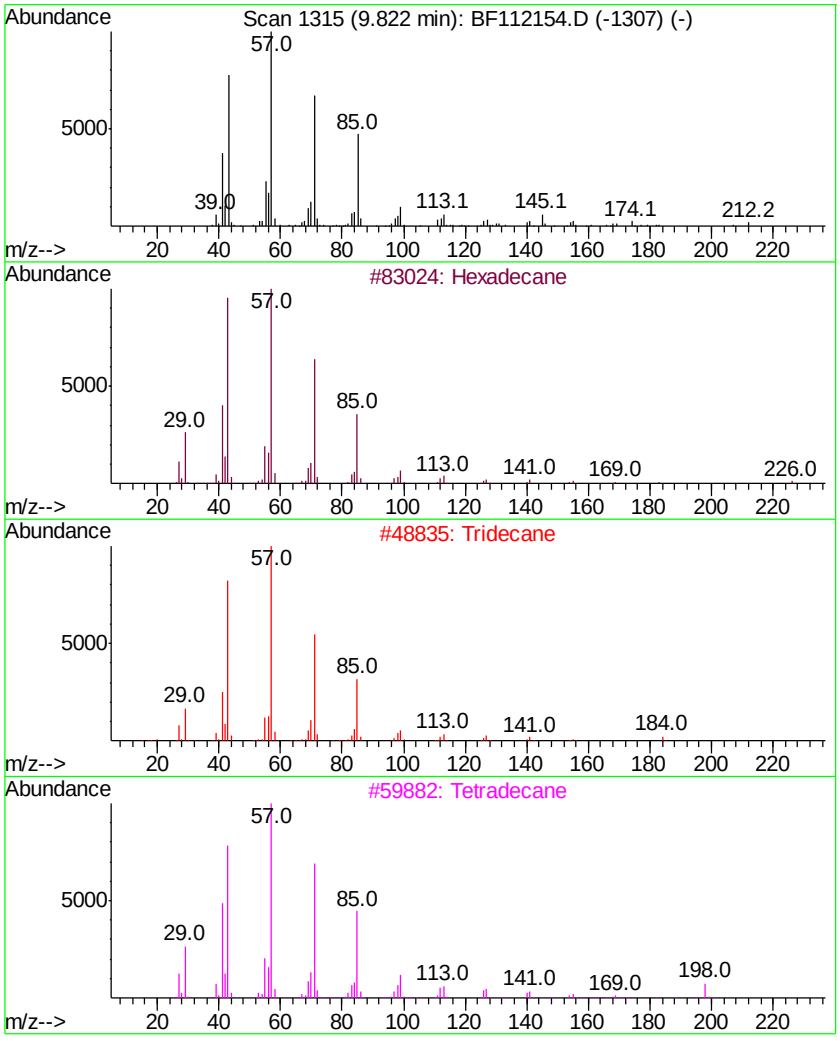
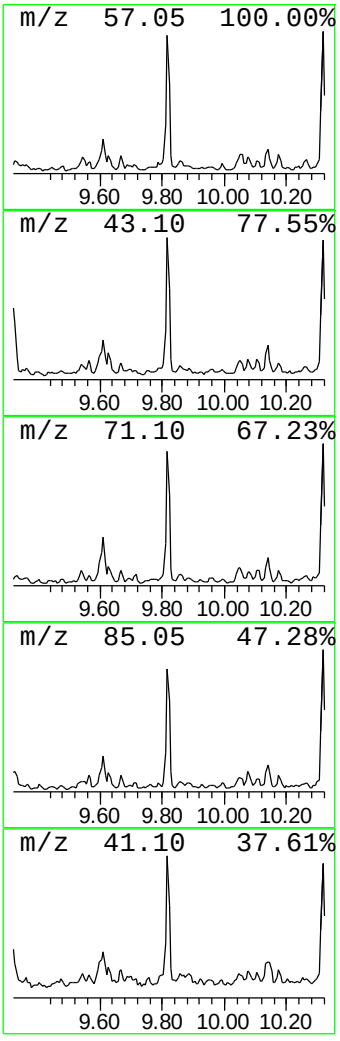
Peak Number 5 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	3.14 ng	382817	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112154.D
Acq On : 21 Jan 2019 13:10
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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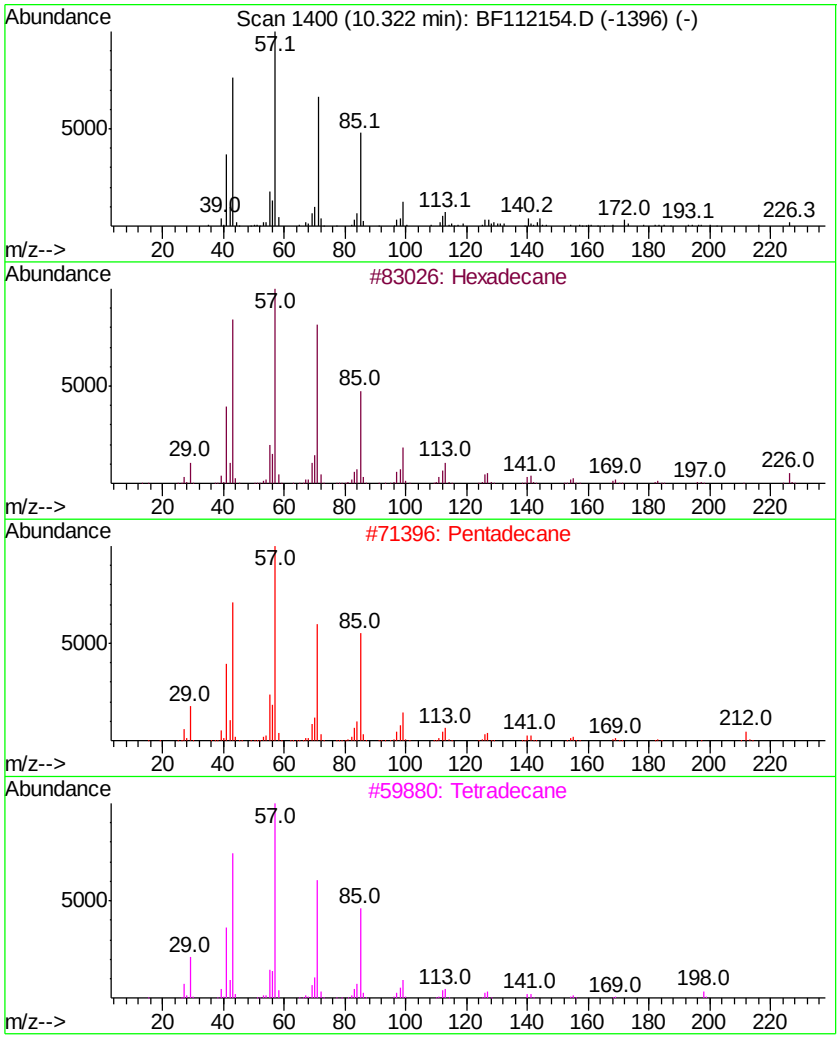
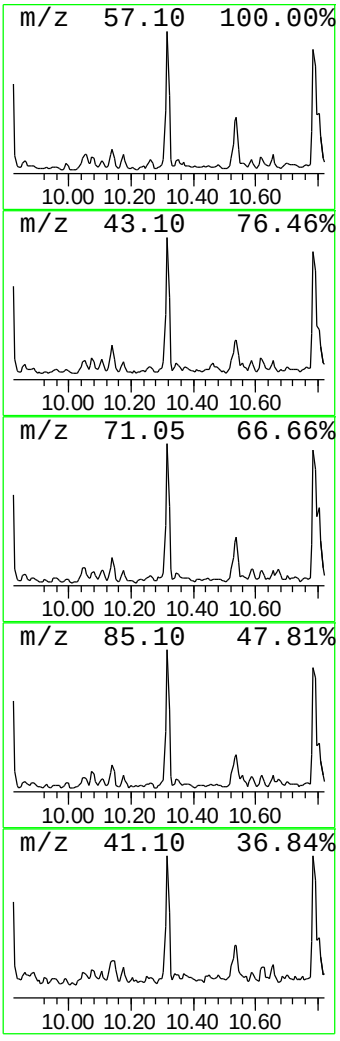
Peak Number 6 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.66 ng	324972	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Decane, 3-methyl-	156	C11H24	013151-34-3	83
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81





Library Search Compound Report

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Acq On : 21 Jan 2019 13:10
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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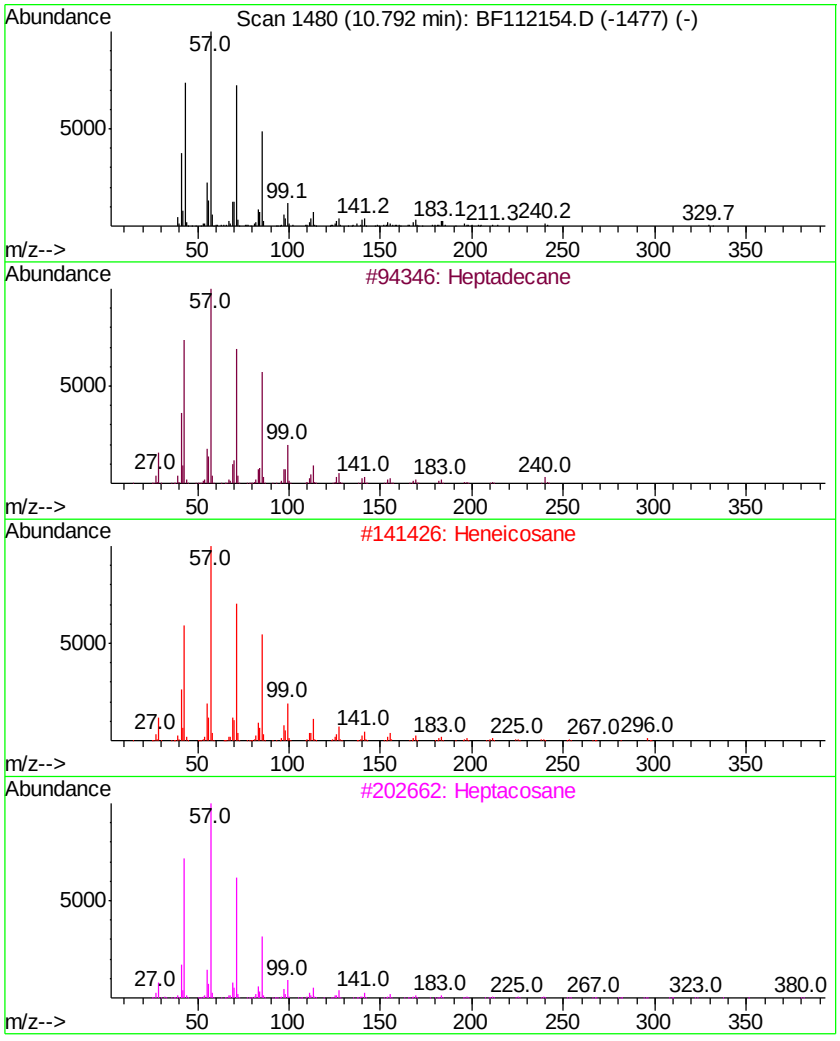
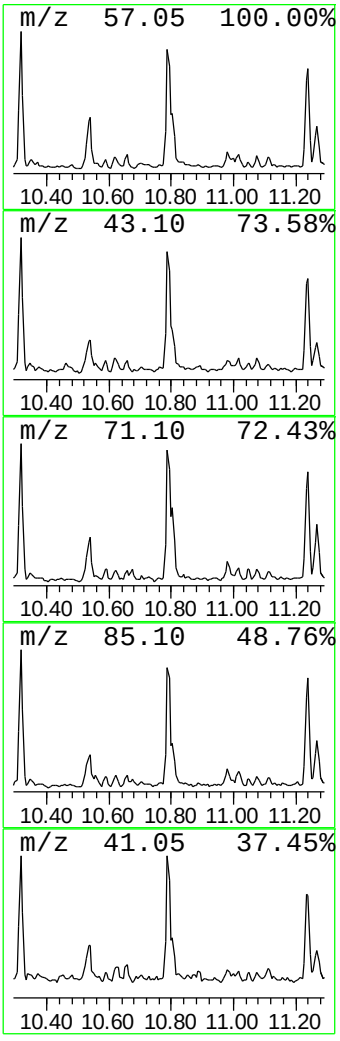
Peak Number 7 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	4.55 ng	494059	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	90
5	Pentadecane	212	C15H32	000629-62-9	86





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Acq On : 21 Jan 2019 13:10
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Sample : K1011-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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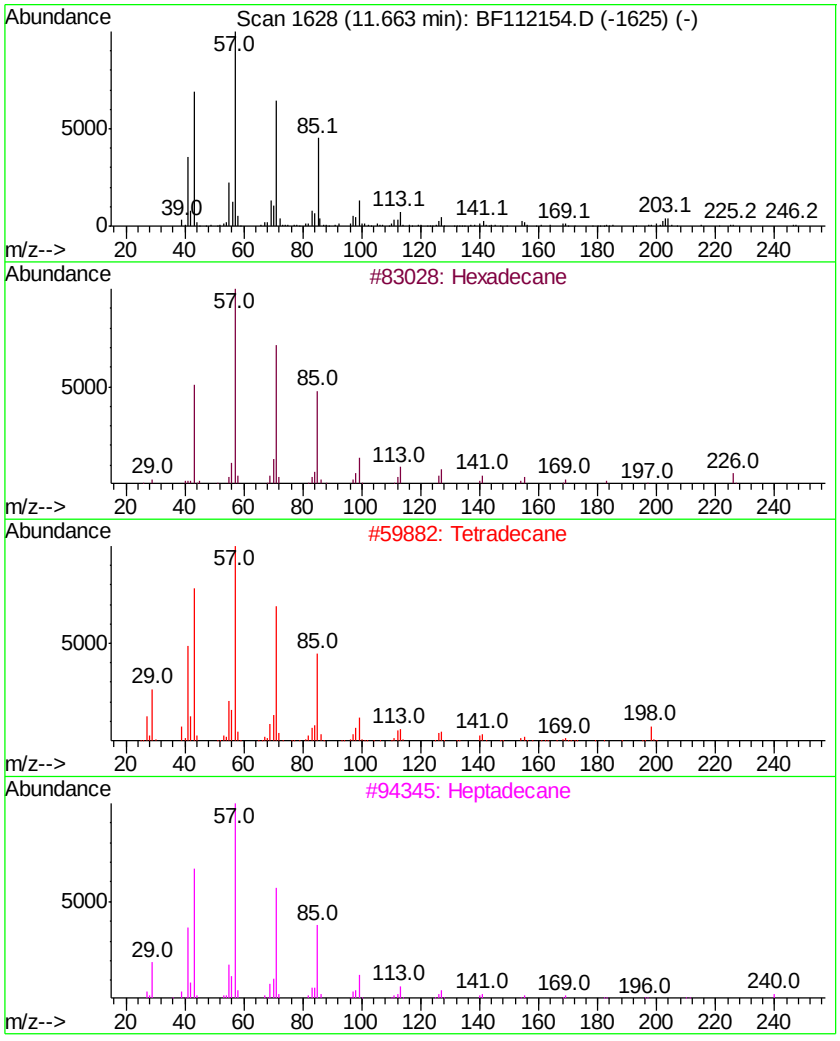
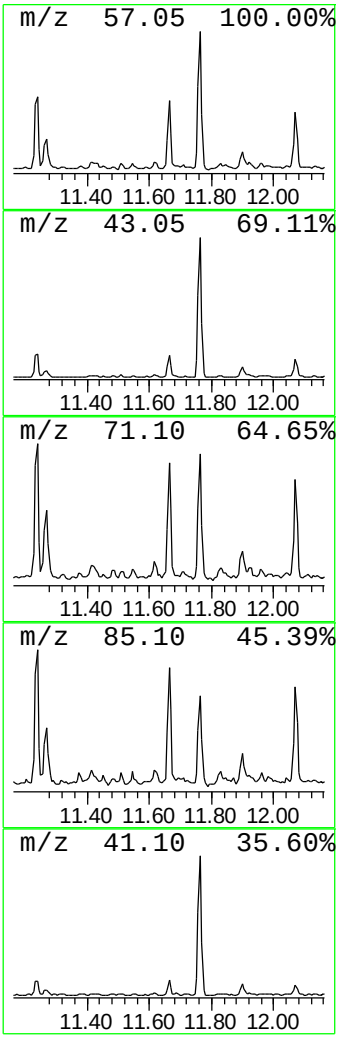
Peak Number 9 Tridecane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	2.16 ng	234146	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tetradecane	198	C14H30	000629-59-4	94
3	Heptadecane	240	C17H36	000629-78-7	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5	Heneicosane	296	C21H44	000629-94-7	83





Library Search Compound Report

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Data File : BF112154.D
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Sample : K1011-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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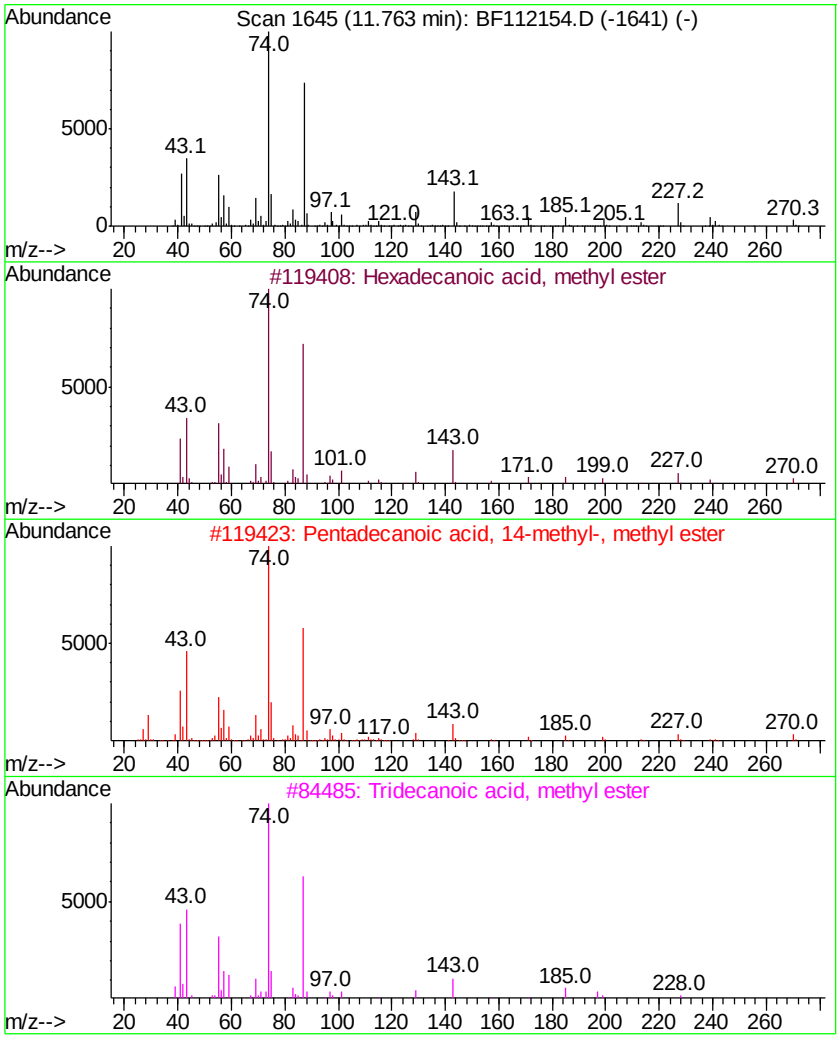
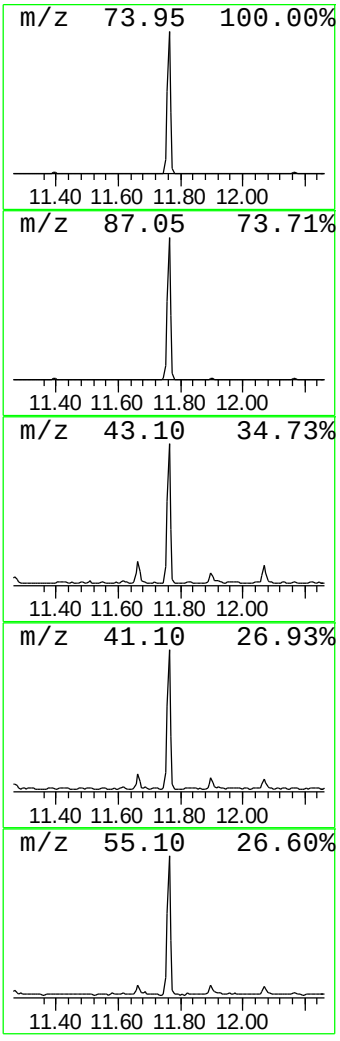
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	27.26 ng	2961590	Phenanthrene-d10	11.37

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	93
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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112154.D
Acq On : 21 Jan 2019 13:10
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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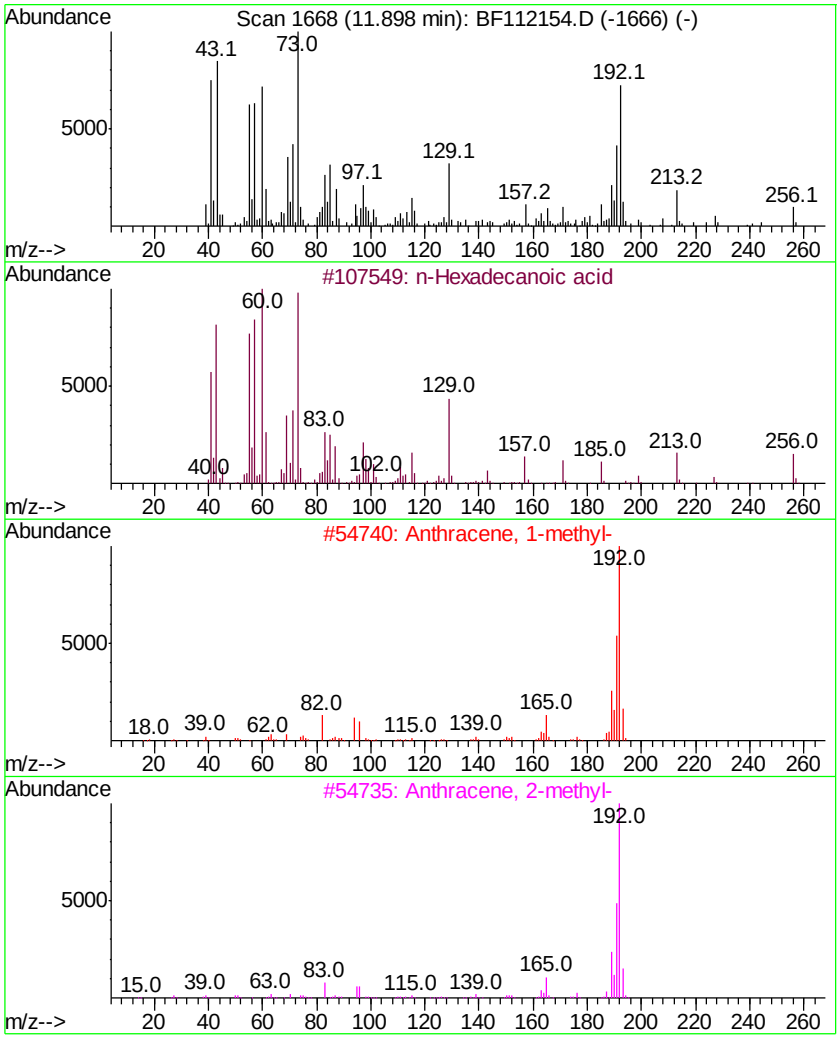
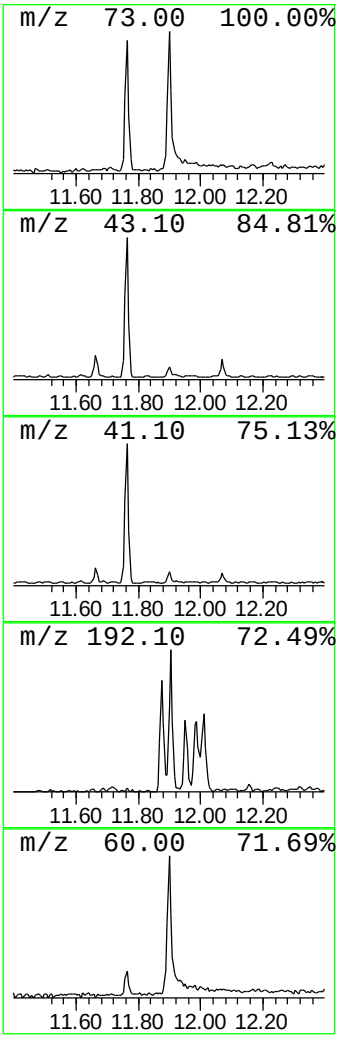
Peak Number 11 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.59 ng	281697	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	56
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	55
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112154.D
Acq On : 21 Jan 2019 13:10
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

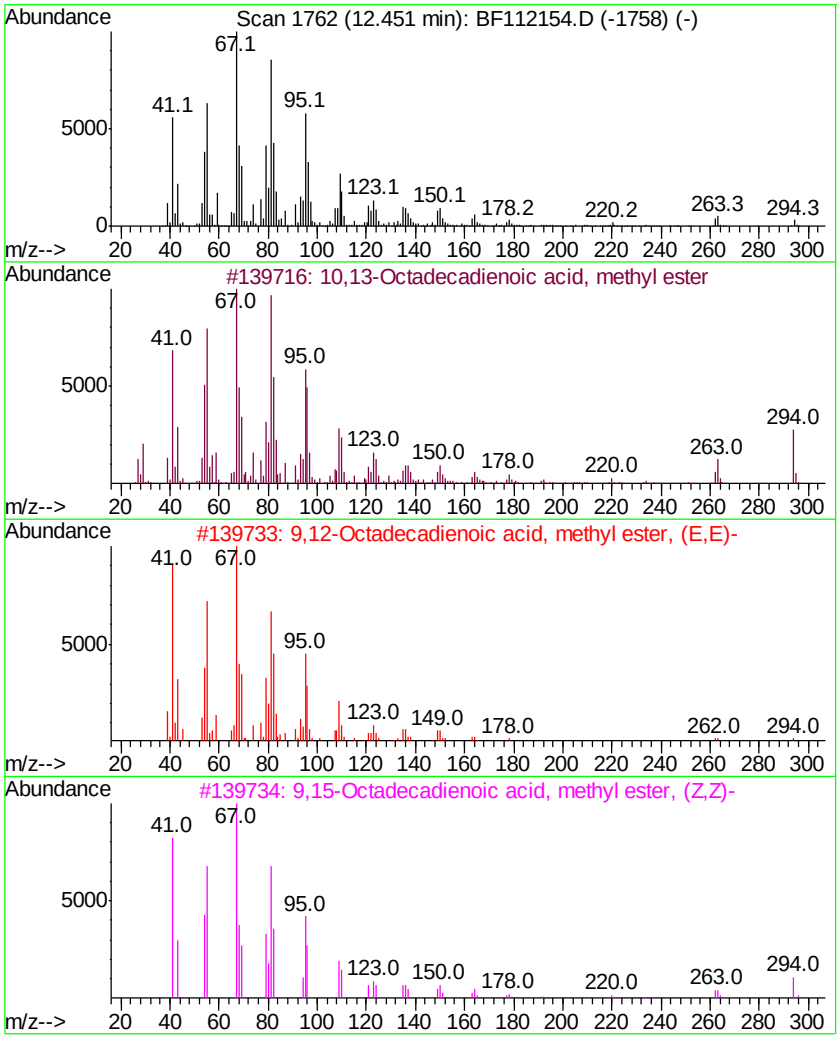
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

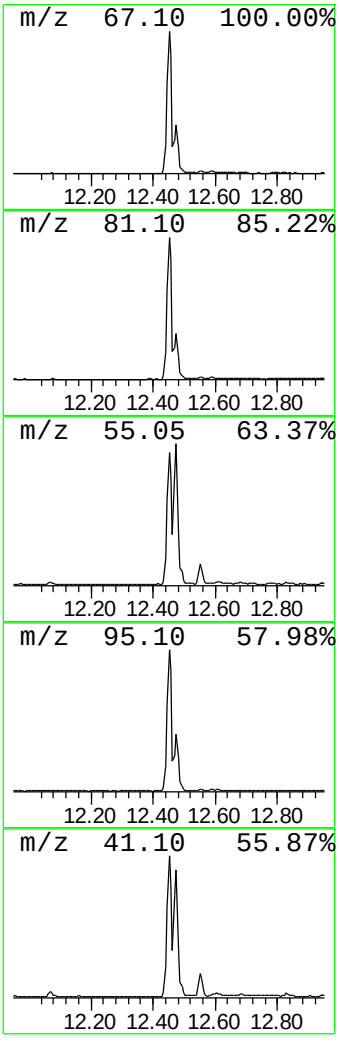
****

Peak Number 12 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	86.48 ng	9395100	Phenanthrene-d10	11.37

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	002566-97-4	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





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Sample : K1011-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

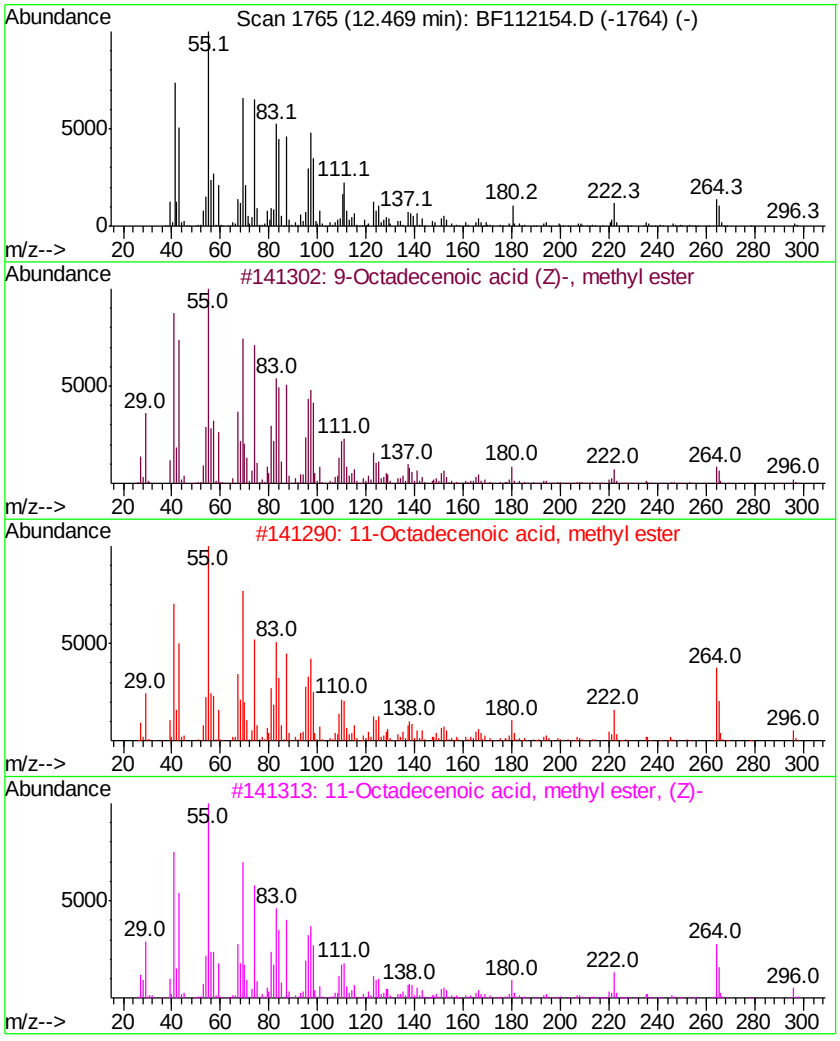
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

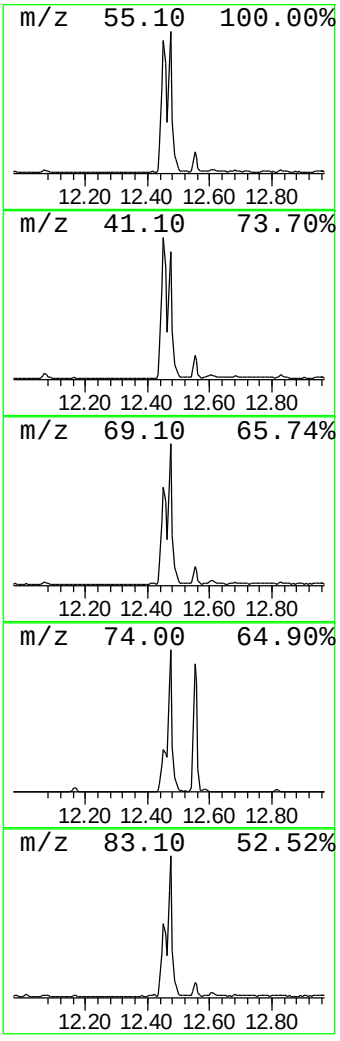
****

Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	59.39 ng	6452590	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112154.D
Acq On : 21 Jan 2019 13:10
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

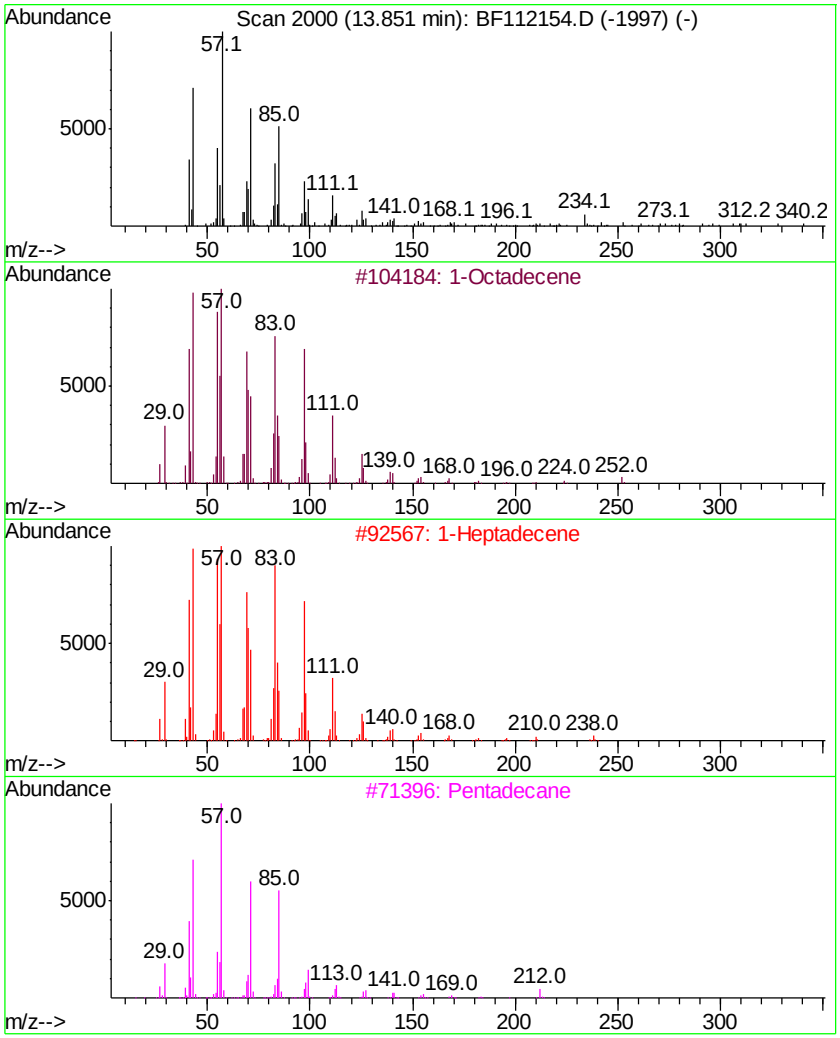
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

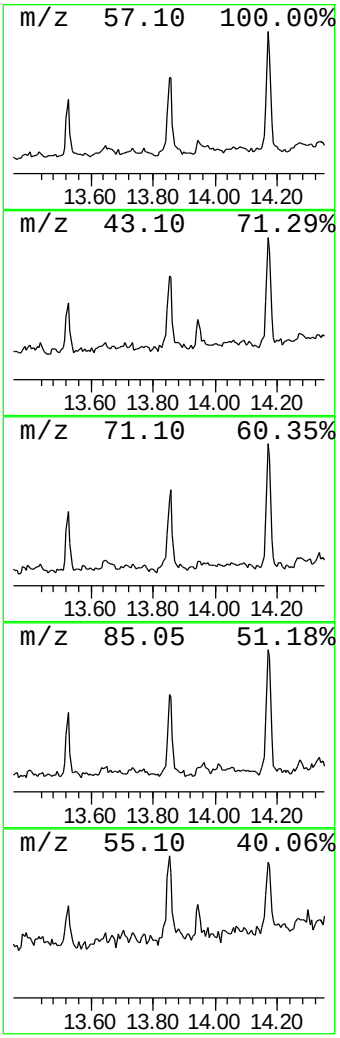
****

Peak Number 14 1-Octadecene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	2.19 ng	240384	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	1-Heptadecene	238	C17H34	006765-39-5	95
3	Pentadecane	212	C15H32	000629-62-9	94
4	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
5	1-Eicosene	280	C20H40	003452-07-1	89





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Data File : BF112154.D
Acq On : 21 Jan 2019 13:10
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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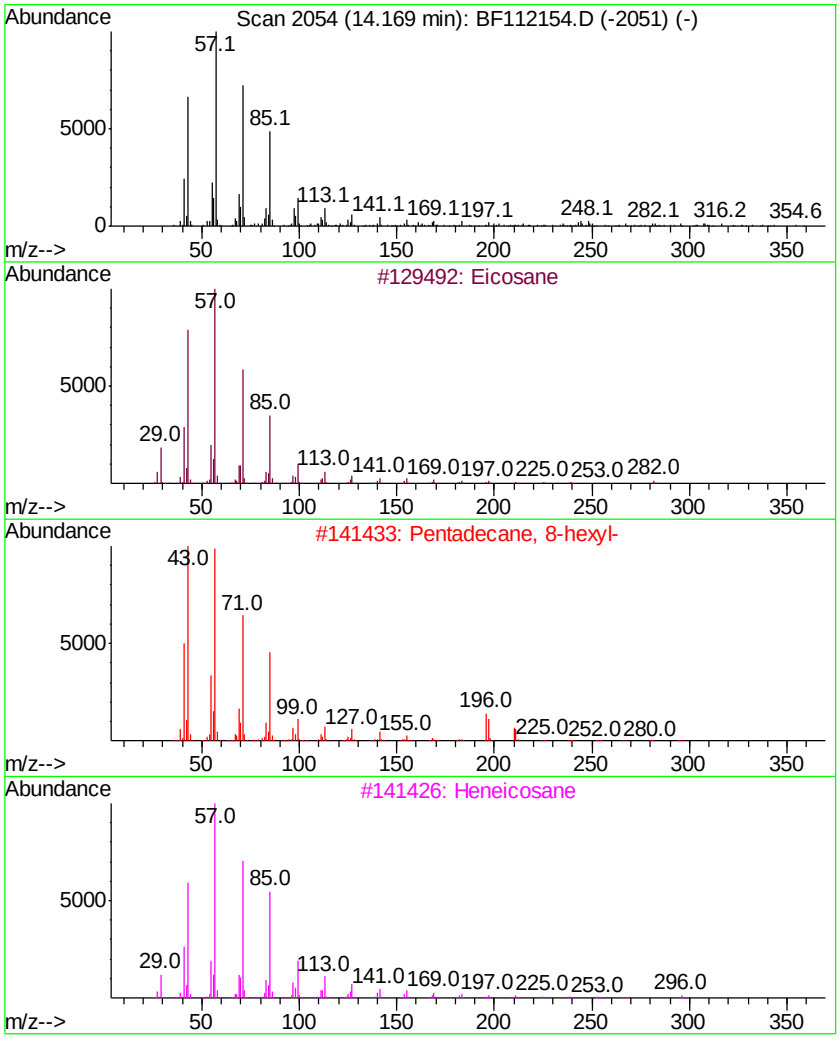
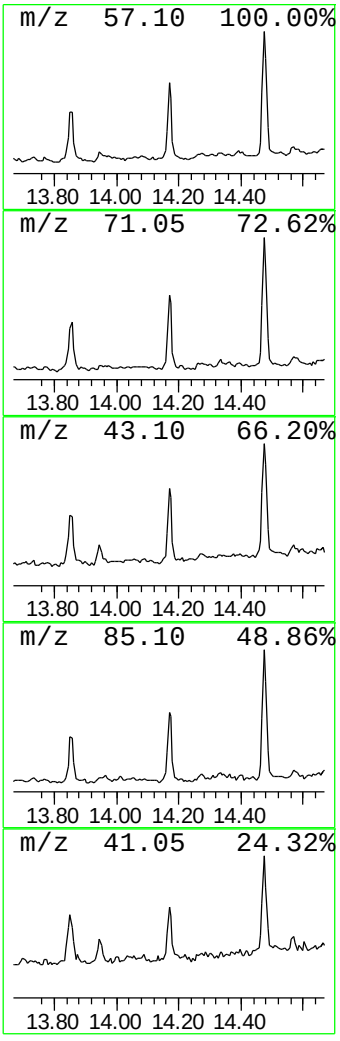
Peak Number 15 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.60 ng	284890	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Hexacosane	366	C26H54	000630-01-3	90





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Acq On : 21 Jan 2019 13:10
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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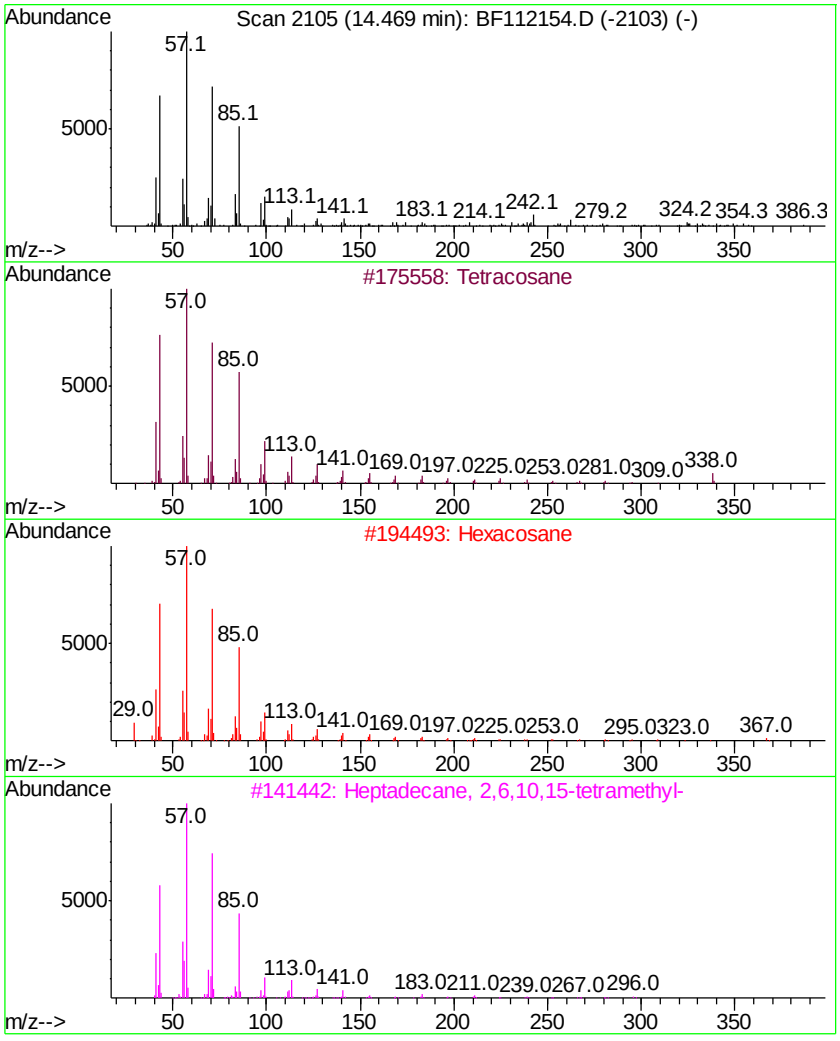
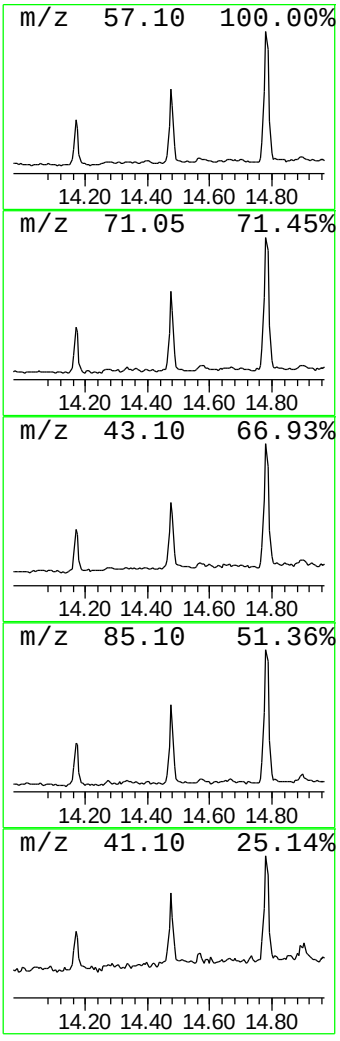
Peak Number 16 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	3.89 ng	426931	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5	Heptadecane	240	C17H36	000629-78-7	86





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Data File : BF112154.D
Acq On : 21 Jan 2019 13:10
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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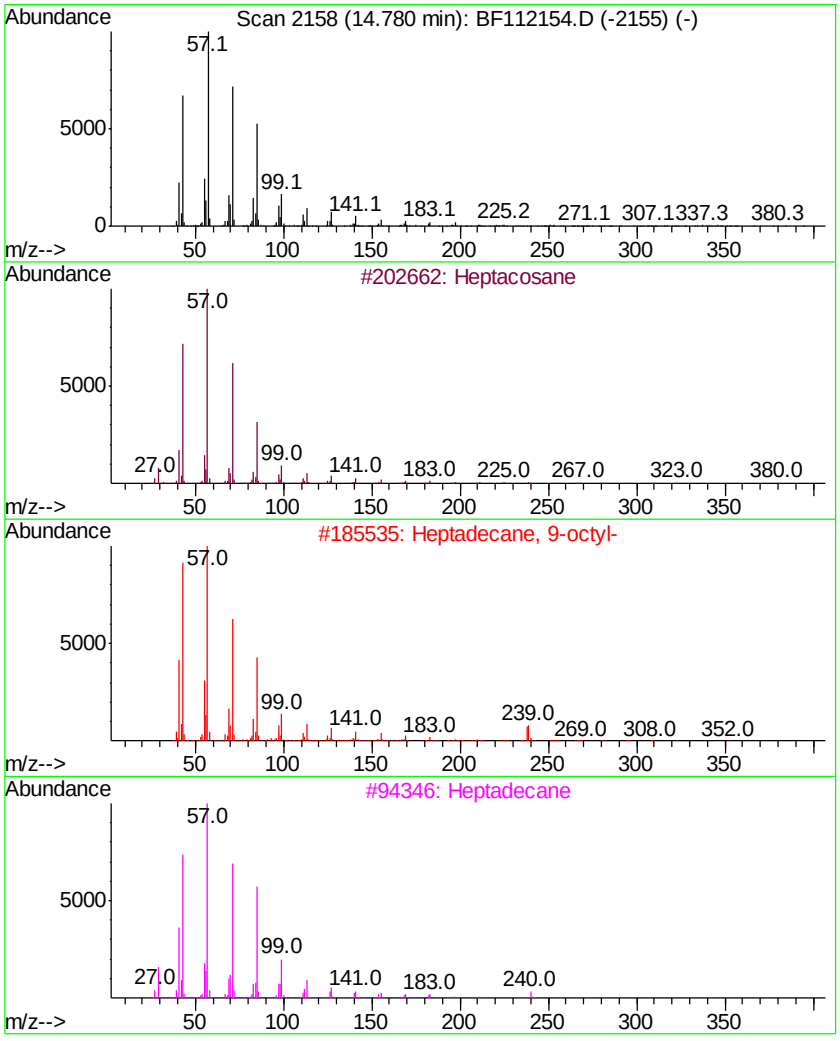
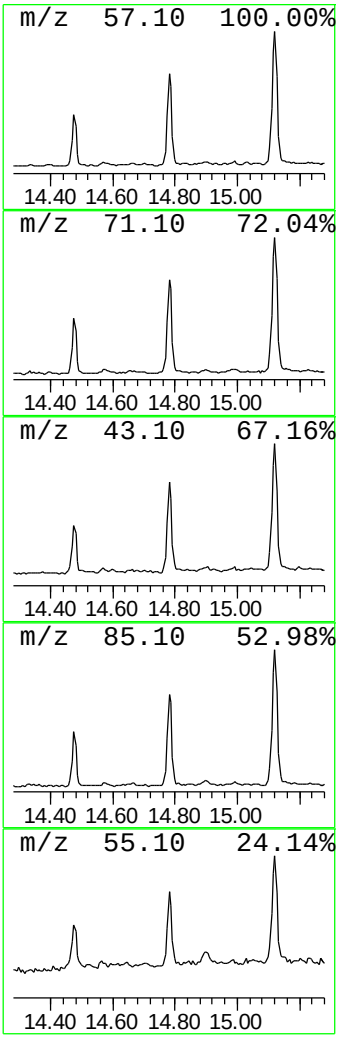
Peak Number 17 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	4.02 ng	730709	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
3	Heptadecane	240	C17H36	000629-78-7	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112154.D
Acq On : 21 Jan 2019 13:10
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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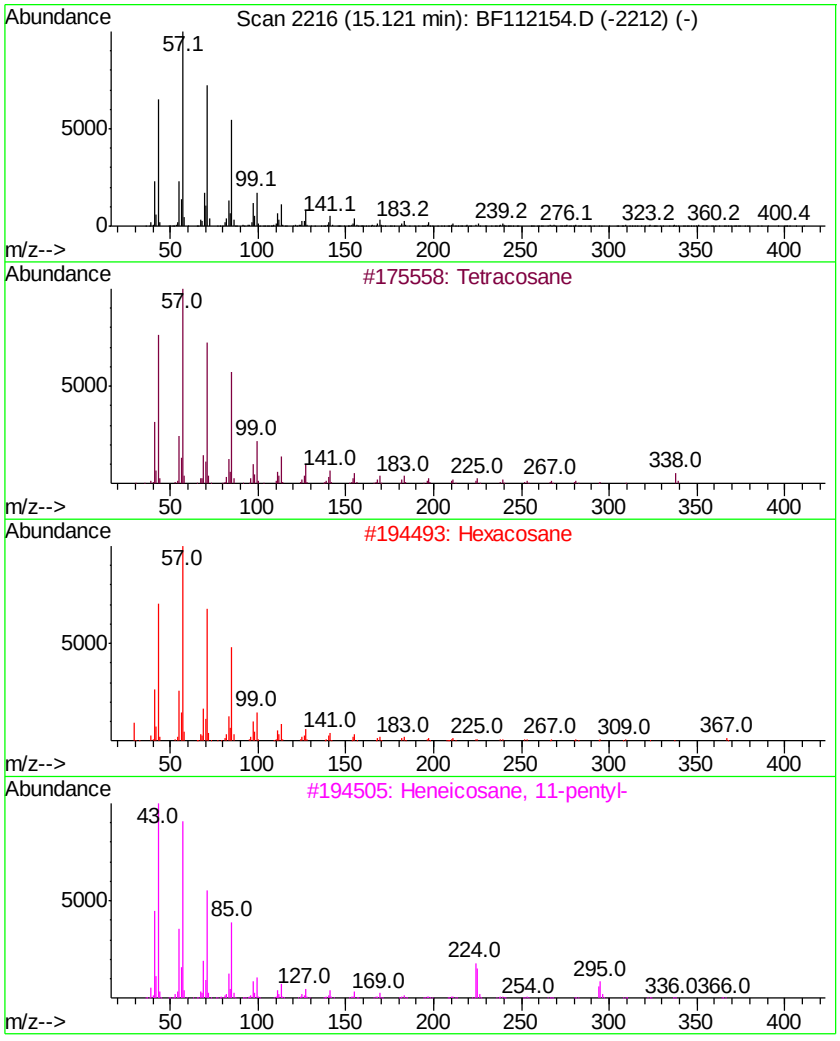
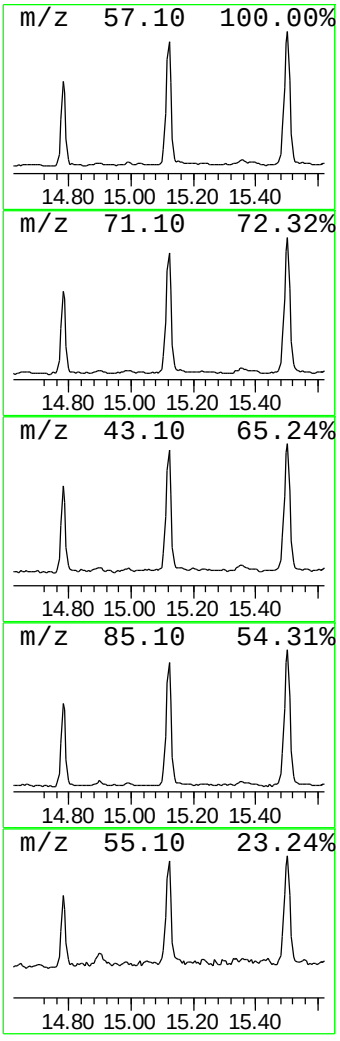
Peak Number 18 Heneicosane, 11-pentyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	6.96 ng	1266860	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Hexacosane	366	C26H54	000630-01-3	94
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
4	Docosane, 5-butyl-	366	C26H54	055282-16-1	93
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112154.D
Acq On : 21 Jan 2019 13:10
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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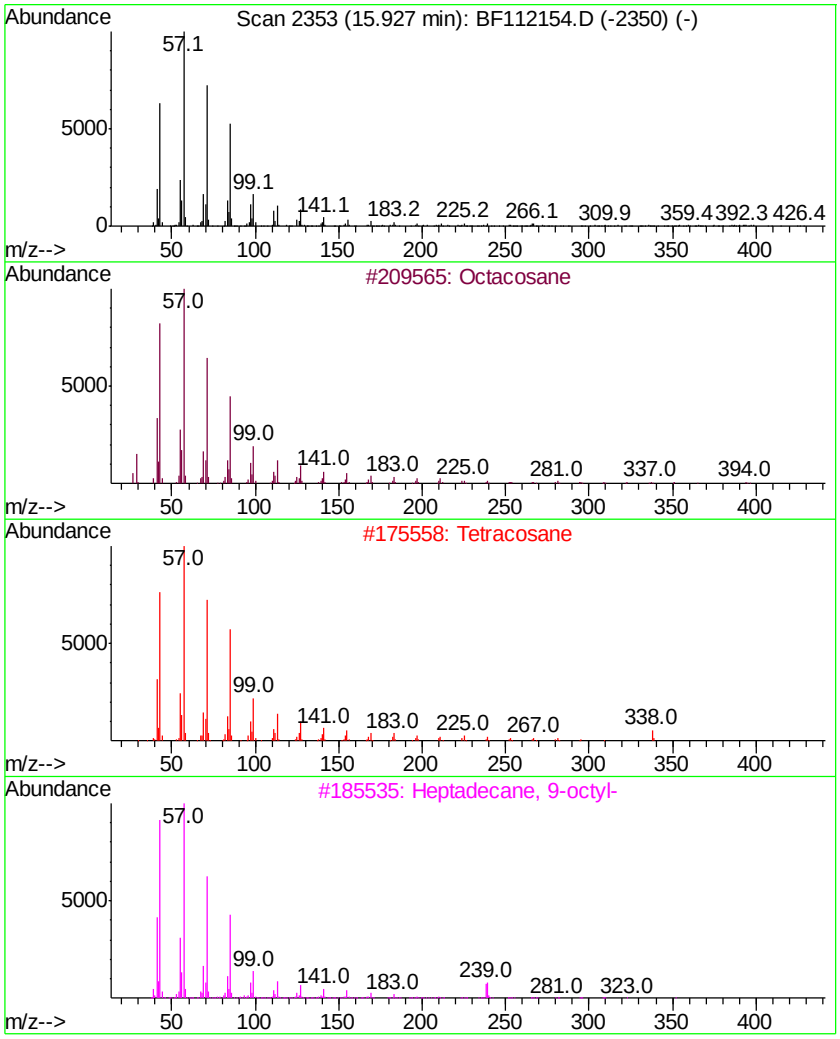
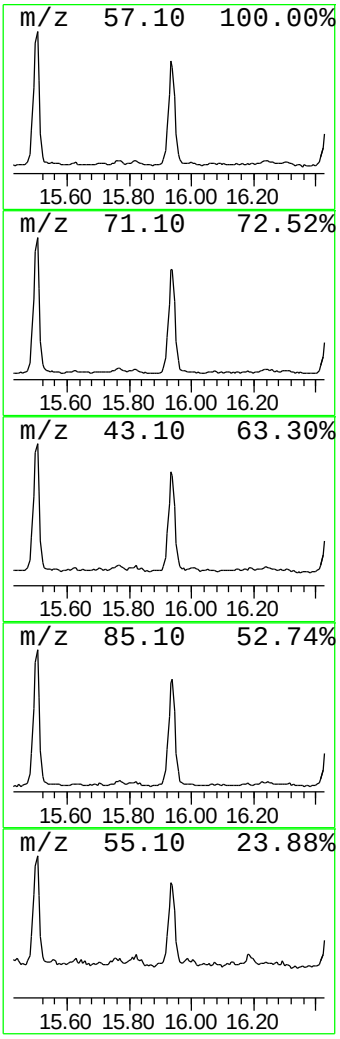
Peak Number 19 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	7.10 ng	1292210	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	97
2	Tetracosane	338	C24H50	000646-31-1	96
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94





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Acq On : 21 Jan 2019 13:10
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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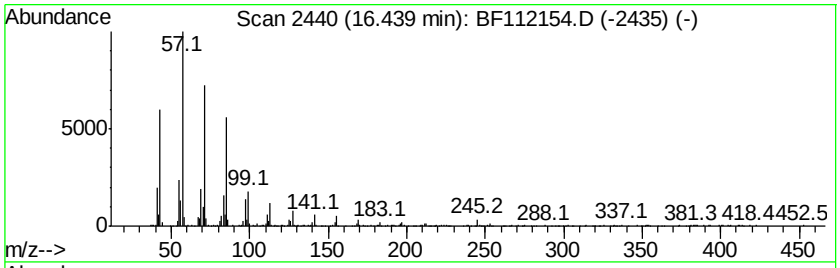
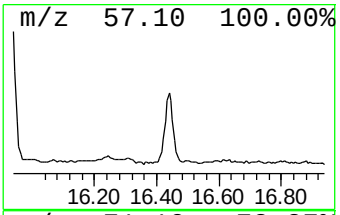
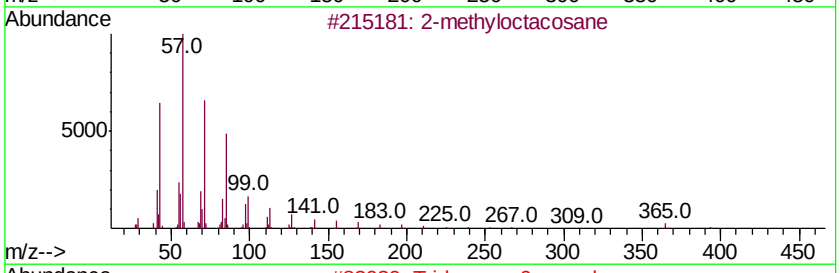
Peak Number 20 2-methyloctacosane Concentration Rank 9

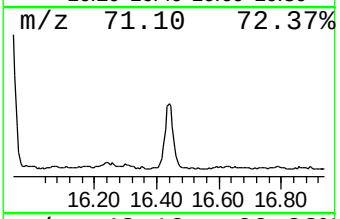
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	4.53 ng	823632	Perylene-d12	15.49

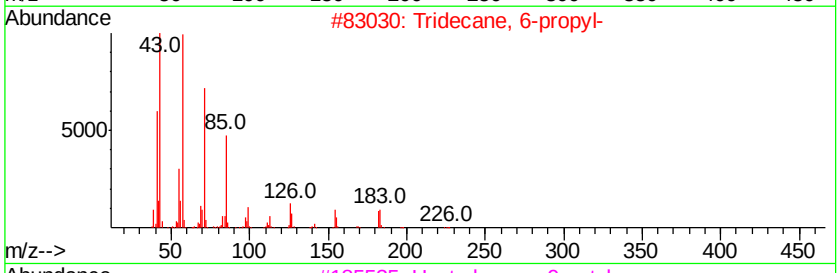
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Heneicosane	296	C21H44	000629-94-7	87

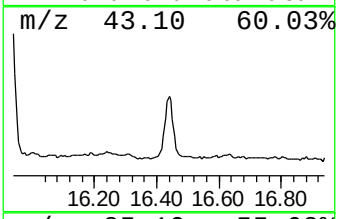


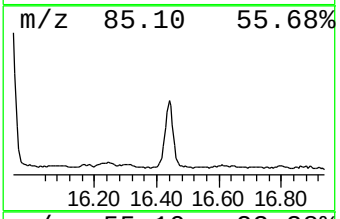


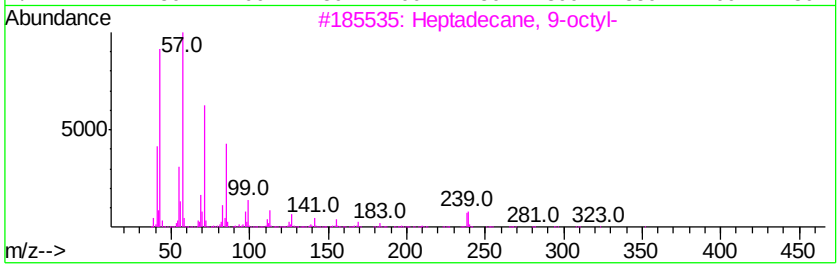


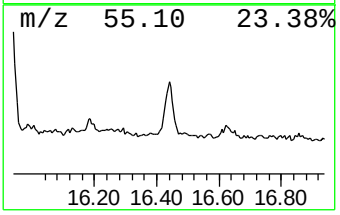












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012119\
Data File : BF112154.D
Acq On : 21 Jan 2019 13:10
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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
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Tetradecane	9.29	2.5	ng	299721	3	9.89	2438820	20.0
Tridecane	9.82	3.1	ng	382817	3	9.89	2438820	20.0
Hexadecane	10.32	2.7	ng	324972	3	9.89	2438820	20.0
Heptadecane	10.79	4.5	ng	494059	4	11.37	2172880	20.0
Tridecane, 1-iodo-	11.66	2.2	ng	234146	4	11.37	2172880	20.0
Hexadecanoic acid...	11.76	27.3	ng	2961590	4	11.37	2172880	20.0
n-Hexadecanoic acid	11.90	2.6	ng	281697	4	11.37	2172880	20.0
10,13-Octadecadie...	12.45	86.5	ng	9395100	4	11.37	2172880	20.0
9-Octadecenoic ac...	12.47	59.4	ng	6452590	4	11.37	2172880	20.0
1-Octadecene	13.85	2.2	ng	240384	5	14.02	2192480	20.0
Eicosane	14.17	2.6	ng	284890	5	14.02	2192480	20.0
Tetracosane	14.47	3.9	ng	426931	5	14.02	2192480	20.0
Heptacosane	14.78	4.0	ng	730709	6	15.49	3639840	20.0
Heneicosane, 11-p...	15.12	7.0	ng	1266860	6	15.49	3639840	20.0
Heptadecane, 9-oc...	15.93	7.1	ng	1292210	6	15.49	3639840	20.0
2-methyloctacosane	16.44	4.5	ng	823632	6	15.49	3639840	20.0