LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112525.D
Acq On : 12 Feb 2019 23:48
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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	5.475	573	576	593	rBV	245164	360964	6.33%	1.305%
2	6.486	745	748	759	rBV	235168	381019	6.68%	1.377%
3	6.616	767	770	776	rBV	409323	415387	7.28%	1.501%
4	6.834	804	807	814	rVB	656065	610515	10.71%	2.206%
5	6.992	829	834	840	rBV	366702	356628	6.25%	1.289%
6	7.222	869	873	877	rBV2	49222	59832	1.05%	0.216%
7	7.398	900	903	906	rBV	182867	202265	3.55%	0.731%
8	7.428	906	908	912	rVV	254249	212367	3.72%	0.768%
9	7.481	912	917	920	rVB4	49242	69993	1.23%	0.253%
10	7.798	968	971	974	rVB2	65187	71537	1.25%	0.259%
11	7.828	974	976	979	rBV2	63328	61819	1.08%	0.223%
12	7.863	979	982	987	rVB5	102782	114723	2.01%	0.415%
13	8.069	1012	1017	1019	rBV5	33002	59759	1.05%	0.216%
14	8.098	1019	1022	1023	rVV	416832	348174	6.11%	1.258%
15	8.116	1023	1025	1031	rVV	730156	765718	13.43%	2.767%
16	8.175	1031	1035	1038	rVB2	180746	180578	3.17%	0.653%
17	8.404	1070	1074	1081	rBV5	105495	148854	2.61%	0.538%
18	8.457	1081	1083	1086	rBV3	67348	66245	1.16%	0.239%
19	8.492	1086	1089	1093	rVB3	82765	87086	1.53%	0.315%
20	8.533	1093	1096	1098	rBV	198348	164778	2.89%	0.596%
21	8.622	1108	1111	1114	rBV2	94193	79866	1.40%	0.289%
22	8.704	1122	1125	1129	rBV	480793	386756	6.78%	1.398%
23	8.804	1139	1142	1145	rVB3	78267	90941	1.59%	0.329%
24	8.939	1163	1165	1168	rBV4	83495	70678	1.24%	0.255%
25	9.069	1183	1187	1191	rVB4	87006	106085	1.86%	0.383%
26	9.133	1196	1198	1201	rVV	182025	145411	2.55%	0.526%
27	9.192	1205	1208	1212	rBV	409467	394318	6.92%	1.425%
28	9.269	1218	1221	1225	rBV	451802	383979	6.73%	1.388%
29	9.345	1231	1234	1236	rVB	72552	64860	1.14%	0.234%
30	9.527	1258	1265	1267	rBV7	65996	105730	1.85%	0.382%
31	9.592	1271	1276	1278	rBV3	156039	187979	3.30%	0.679%
32	9.651	1283	1286	1288	rVB	77101	60602	1.06%	0.219%
33	9.798	1308	1311	1315	rVB	372268	279926	4.91%	1.012%
34	9.874	1320	1324	1328	rVB	796130	692674	12.15%	2.503%

LSC Area Percent Report

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Acq On : 12 Feb 2019 23:48
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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	10.033	1346	1351	1353	rBV3	46795	71773	1.26%	0.259%
36	10.122	1362	1366	1369	rBV4	72042	89631	1.57%	0.324%
37	10.192	1374	1378	1382	rBV5	34469	63361	1.11%	0.229%
38	10.298	1390	1396	1399	rBV	313415	285800	5.01%	1.033%
39	10.516	1427	1433	1436	rBV	104590	148436	2.60%	0.536%
40	10.669	1456	1459	1468	rBV	218090	273036	4.79%	0.987%
41	10.769	1473	1476	1481	rBV	296290	314336	5.51%	1.136%
42	11.216	1549	1552	1555	rBV	247871	203989	3.58%	0.737%
43	11.245	1555	1557	1563	rVB2	89959	110364	1.94%	0.399%
44	11.363	1574	1577	1580	rBV	803128	711596	12.48%	2.572%
45	11.386	1580	1581	1588	rVB3	83463	91625	1.61%	0.331%
46	11.645	1622	1625	1627	rBV	202184	165411	2.90%	0.598%
47	11.745	1638	1642	1645	rBV	2021740	1510281	26.49%	5.458%
48	11.880	1661	1665	1667	rBV3	76509	84140	1.48%	0.304%
49	12.051	1691	1694	1700	rVB	185690	169505	2.97%	0.613%
50	12.433	1755	1759	1761	rBV	4624132	4817117	84.48%	17.409%
51	12.457	1761	1763	1769	rVV	6170478	5702204	100.00%	20.608%
52	12.533	1773	1776	1781	rVB	836209	734806	12.89%	2.656%
53	12.586	1781	1785	1788	rBV3	190459	301932	5.30%	1.091%
54	12.768	1813	1816	1820	rVB	183830	188944	3.31%	0.683%
55	12.810	1820	1823	1831	rVB2	201259	220985	3.88%	0.799%
56	12.945	1842	1846	1849	rBV	479070	410813	7.20%	1.485%
57	13.092	1869	1871	1873	rBV	134546	121516	2.13%	0.439%
58	13.121	1873	1876	1881	rVB6	59668	100543	1.76%	0.363%
59	13.168	1881	1884	1885	rBV	136550	113653	1.99%	0.411%
60	13.263	1896	1900	1904	rBV2	150243	163738	2.87%	0.592%
61	13.368	1916	1918	1922	rBV4	56586	64080	1.12%	0.232%
62	13.510	1939	1942	1945	rVB	104257	84118	1.48%	0.304%
63	13.839	1995	1998	2000	rBV	100585	98221	1.72%	0.355%
64	13.927	2010	2013	2021	rBV	112328	151648	2.66%	0.548%
65	14.015	2024	2028	2031	rBV	731649	723778	12.69%	2.616%
66	14.151	2049	2051	2054	rBV	114528	97383	1.71%	0.352%
67	14.457	2101	2103	2106	rVB	162072	128424	2.25%	0.464%
68	14.762	2152	2155	2158	rBV	151893	148139	2.60%	0.535%
69	14.880	2171	2175	2183	rVB	229337	335158	5.88%	1.211%
70	15.098	2209	2212	2222	rVB	186397	257811	4.52%	0.932%
71	15.498	2273	2280	2284	rVB2	379752	623275	10.93%	2.253%

LSC Area Percent Report

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Acq On : 12 Feb 2019 23:48
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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

Sum of corrected areas: 27669616

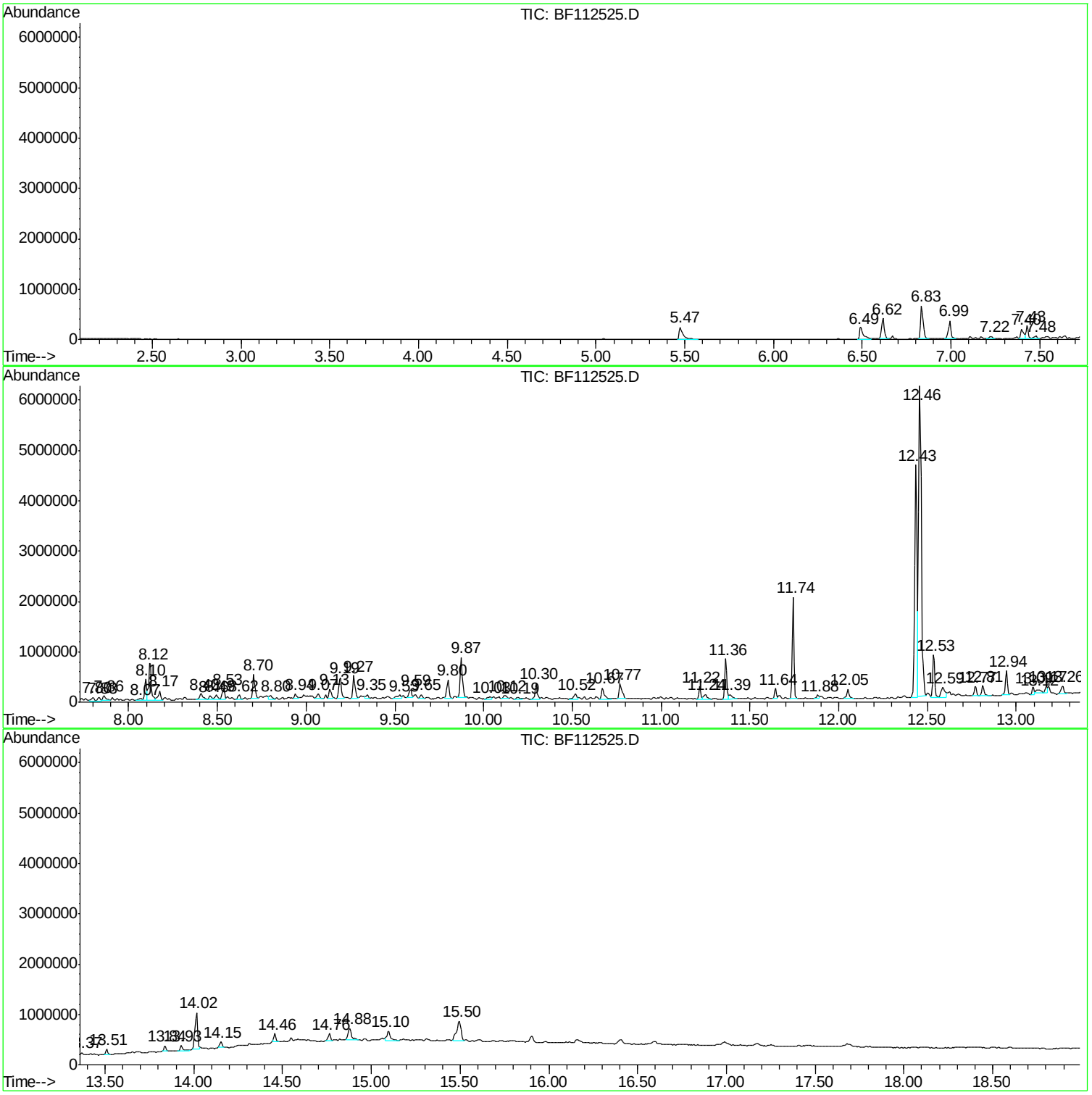
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112525.D
Acq On : 12 Feb 2019 23:48
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112525.D
Acq On : 12 Feb 2019 23:48
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
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Instrument : BNA_F
ClientSampleId : JC-02-021119-I

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

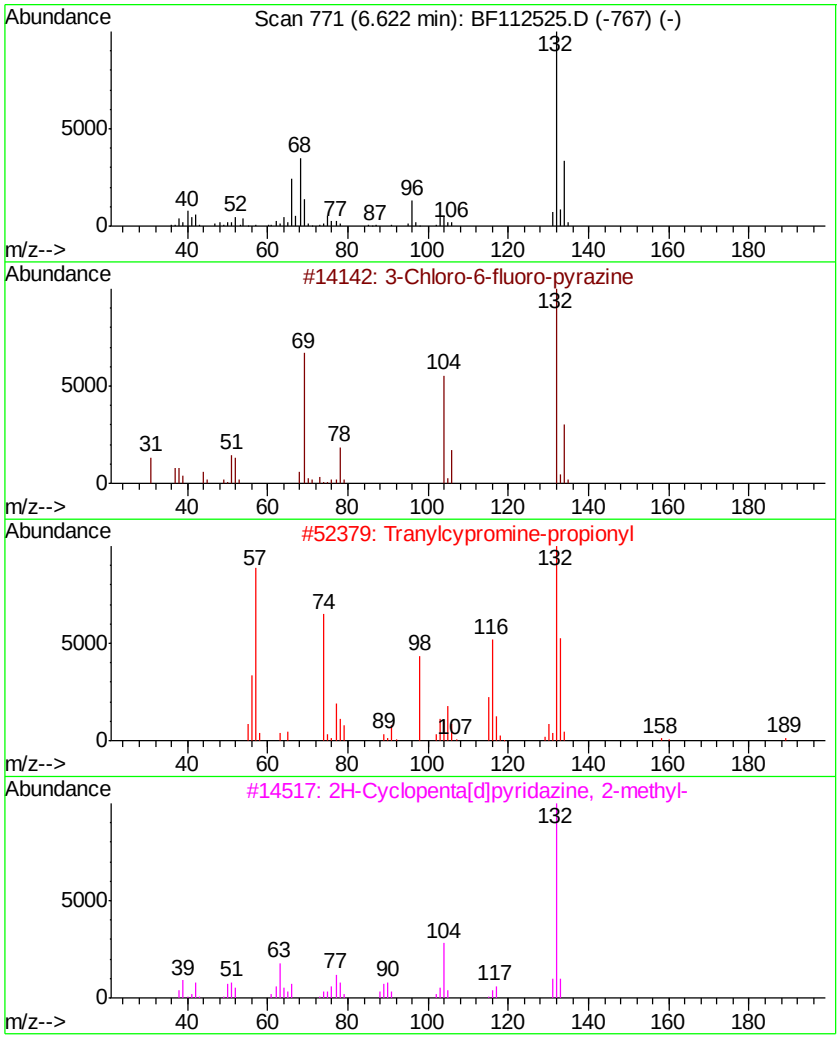
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

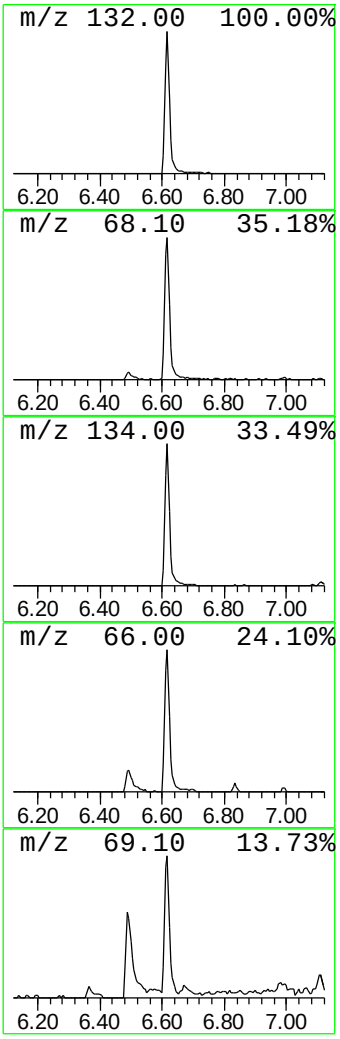
****

Peak Number 1 unknown6.62 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	13.61 ng	415387	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	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112525.D
Acq On : 12 Feb 2019 23:48
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Misc :
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Instrument : BNA_F
ClientSampleId : JC-02-021119-I

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

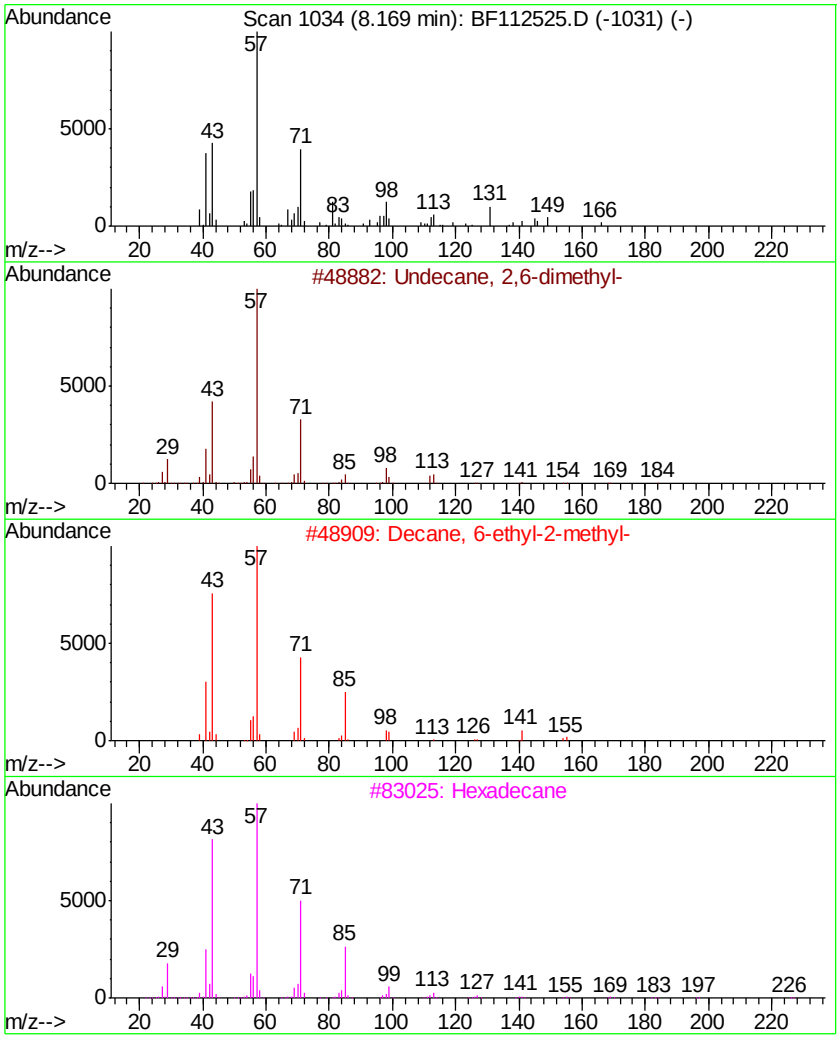
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

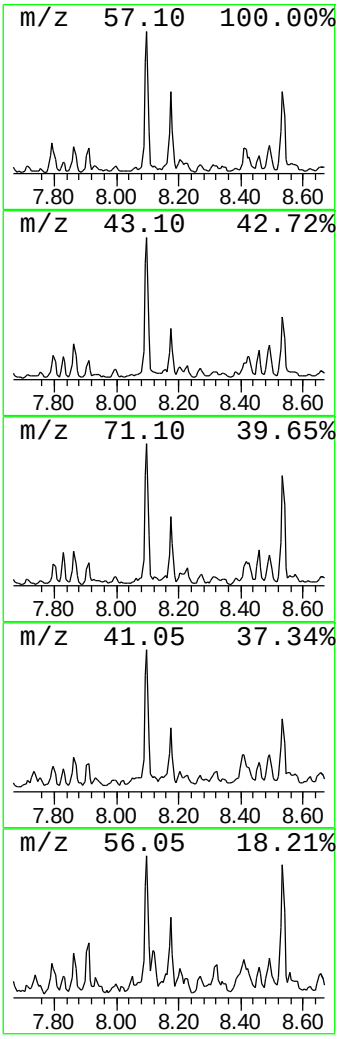
****

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	4.72 ng	180578	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72
5	Tetradecane	198	C14H30	000629-59-4	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112525.D
Acq On : 12 Feb 2019 23:48
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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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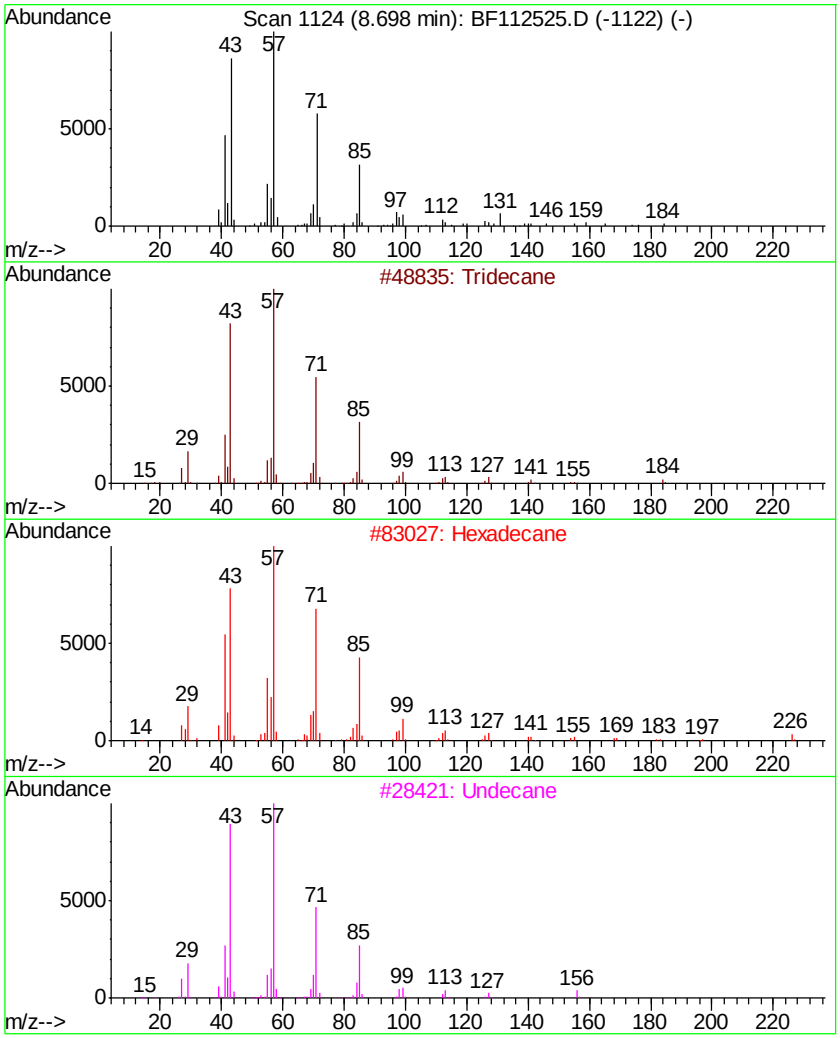
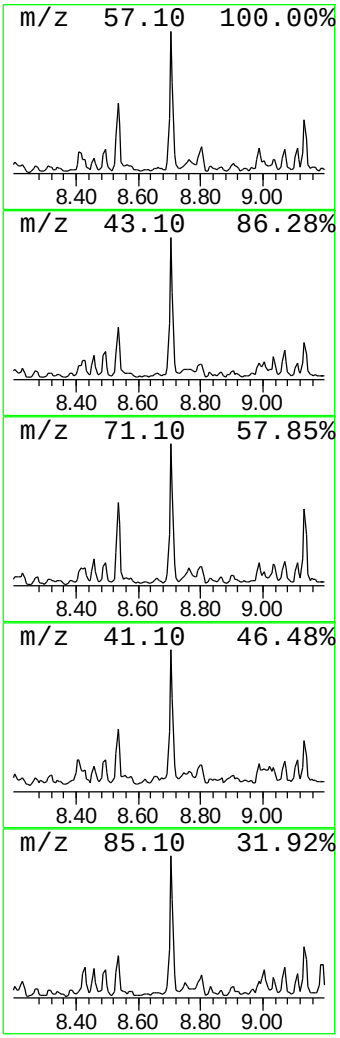
Peak Number 4 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	10.10 ng	386756	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Undecane	156	C11H24	001120-21-4	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Dodecane	170	C12H26	000112-40-3	80





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Misc :
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Instrument : BNA_F
ClientSampleId : JC-02-021119-I

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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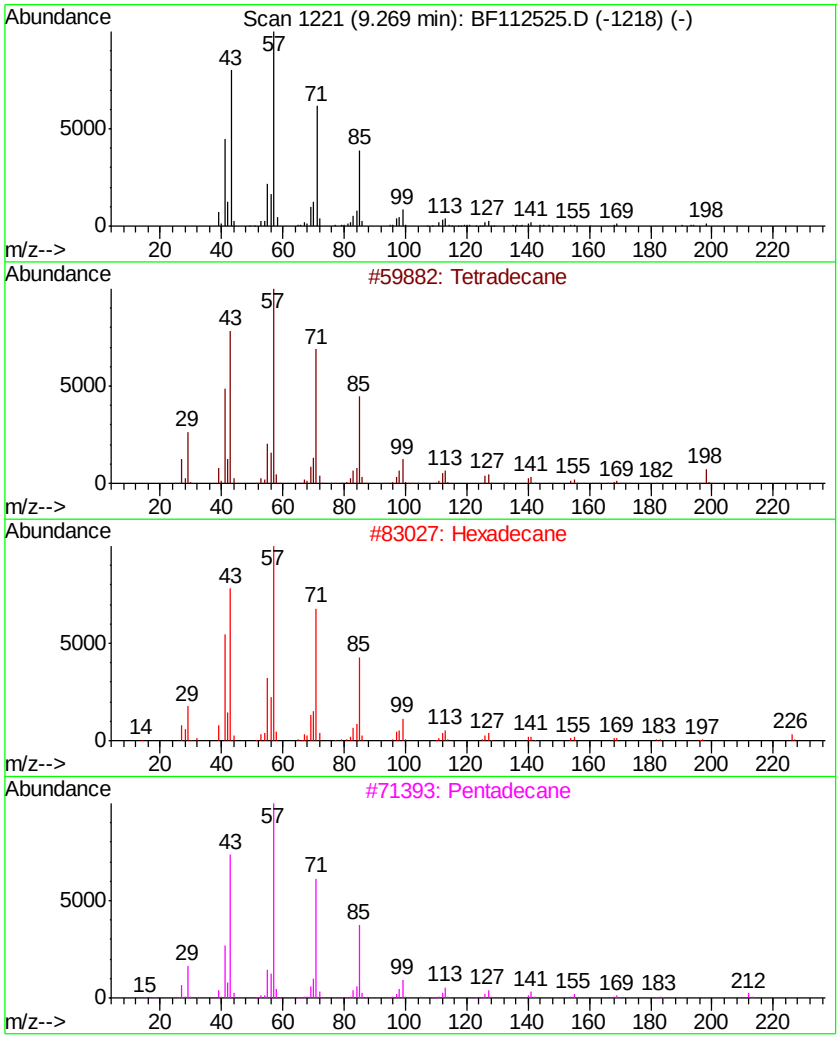
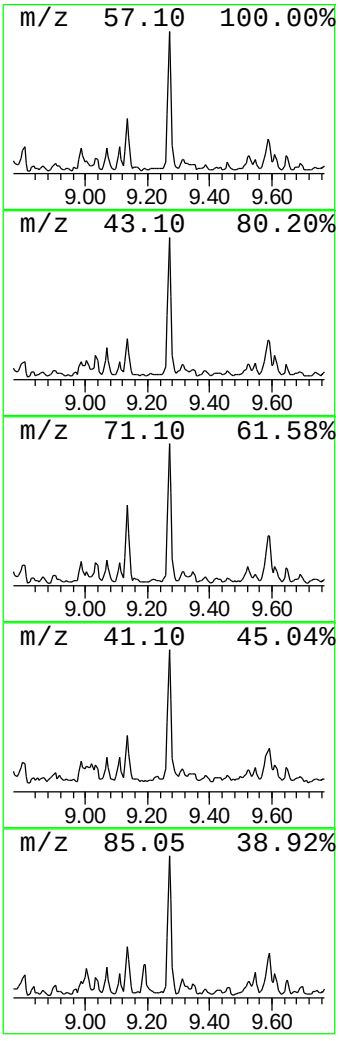
Peak Number 5 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	11.09 ng	383979	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	Pentadecane	212	C15H32	000629-62-9	90
4	Tridecane	184	C13H28	000629-50-5	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : JC-02-021119-I

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

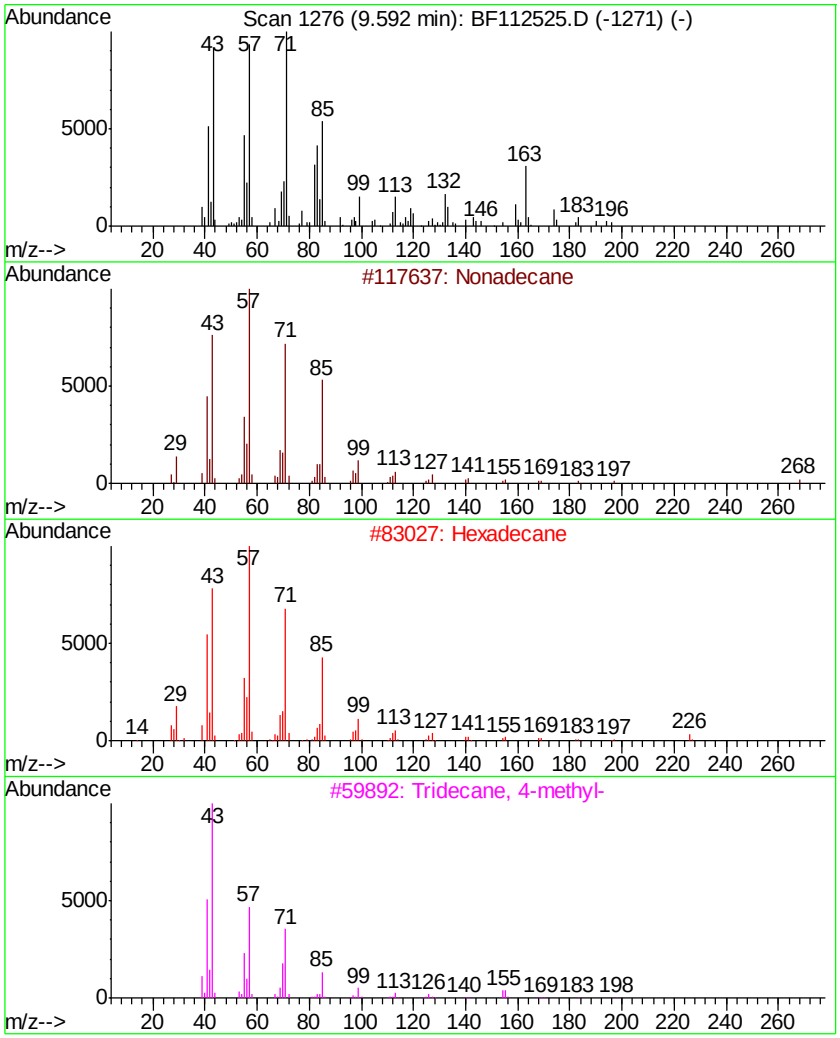
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

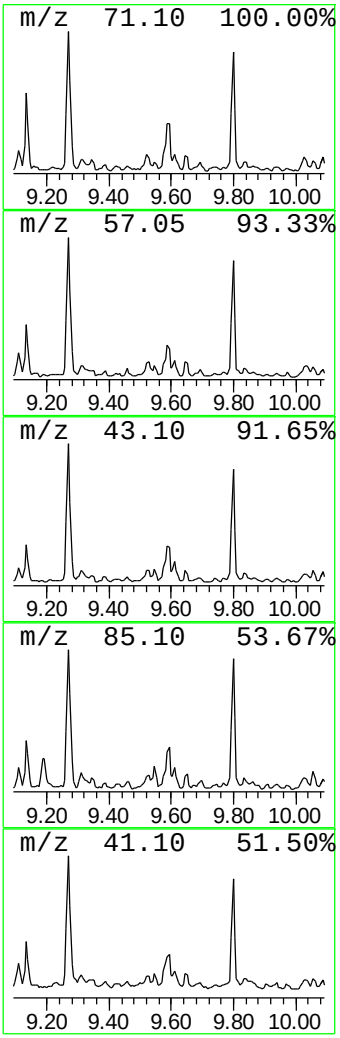
****

Peak Number 6 unknown9.59 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	5.43 ng	187979	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	47
2	Hexadecane	226	C16H34	000544-76-3	46
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	43
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	38
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	38





Library Search Compound Report

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Data File : BF112525.D
Acq On : 12 Feb 2019 23:48
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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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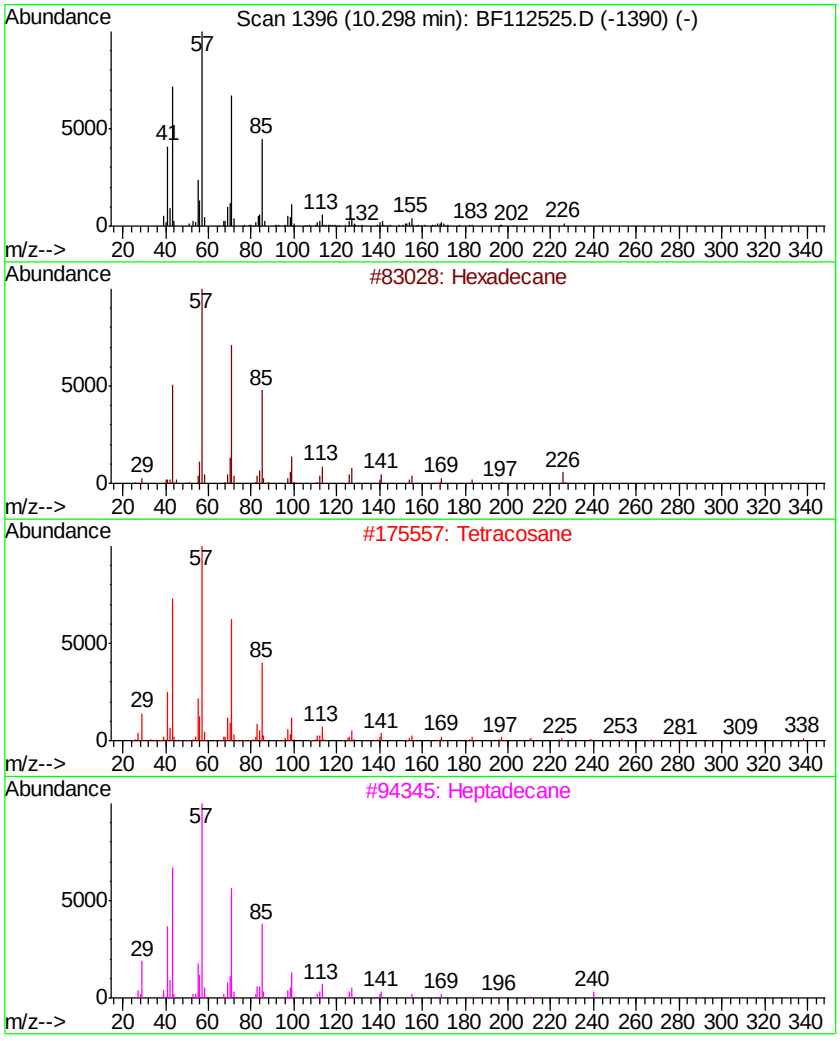
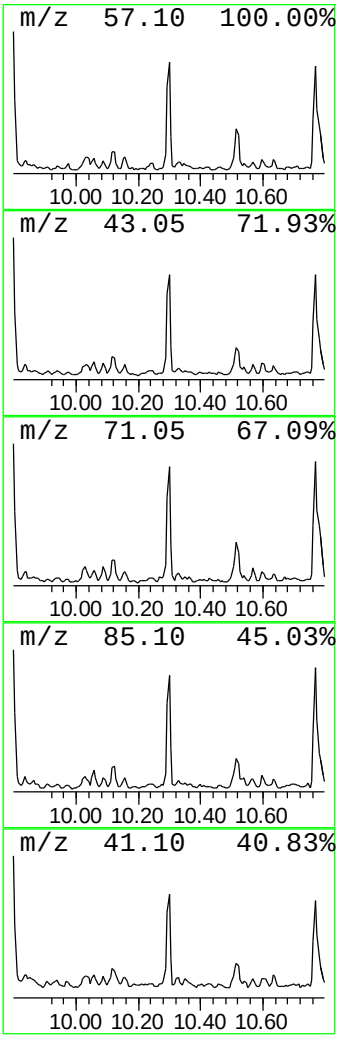
Peak Number 8 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	8.25 ng	285800	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Pentadecane	212	C15H32	000629-62-9	91





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Acq On : 12 Feb 2019 23:48
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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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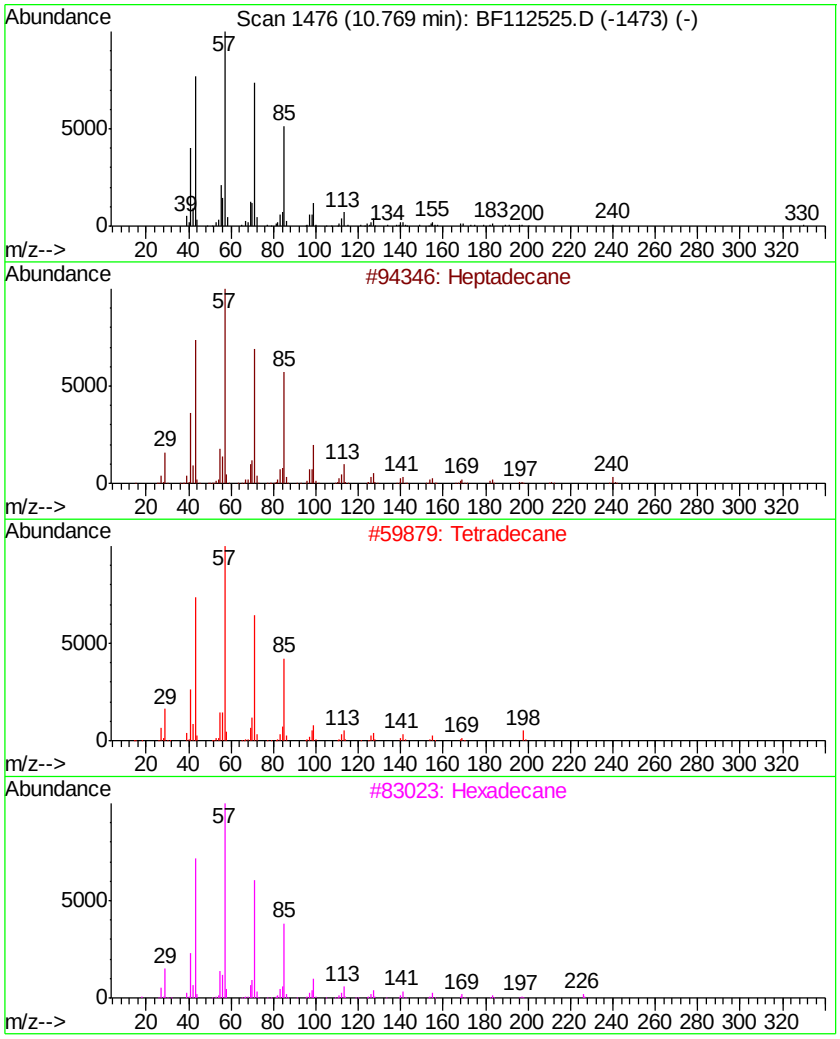
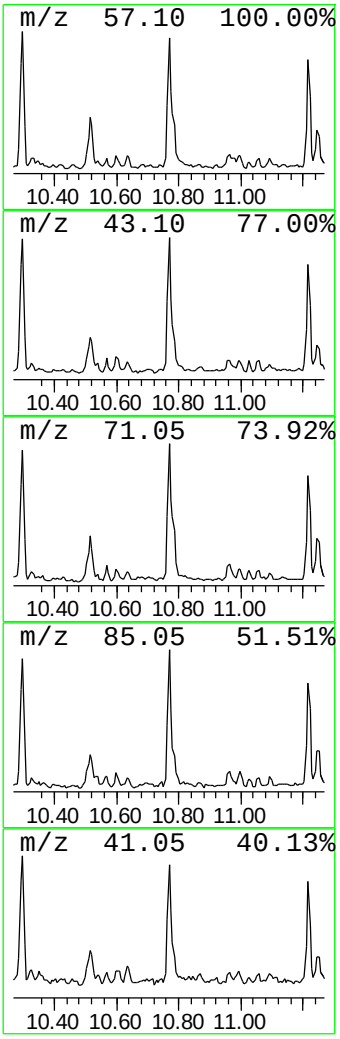
Peak Number 9 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	8.83 ng	314336	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tetradecane	198	C14H30	000629-59-4	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Pentadecane	212	C15H32	000629-62-9	90





Library Search Compound Report

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Data File : BF112525.D
Acq On : 12 Feb 2019 23:48
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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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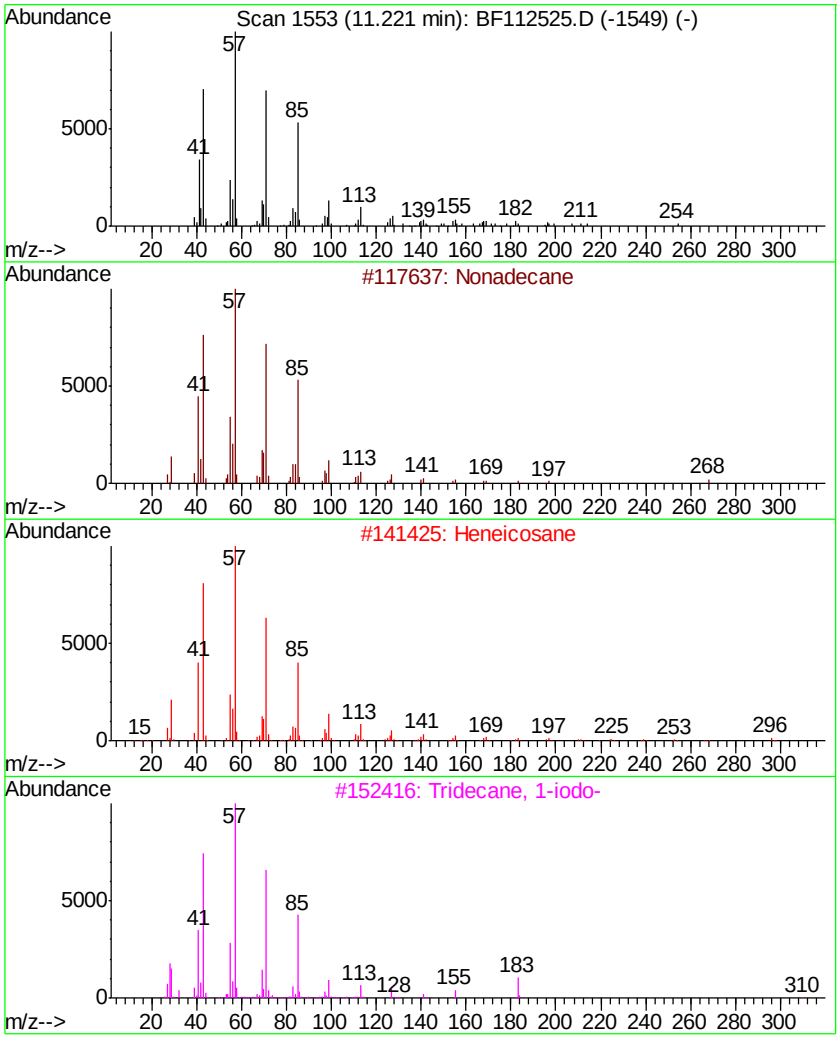
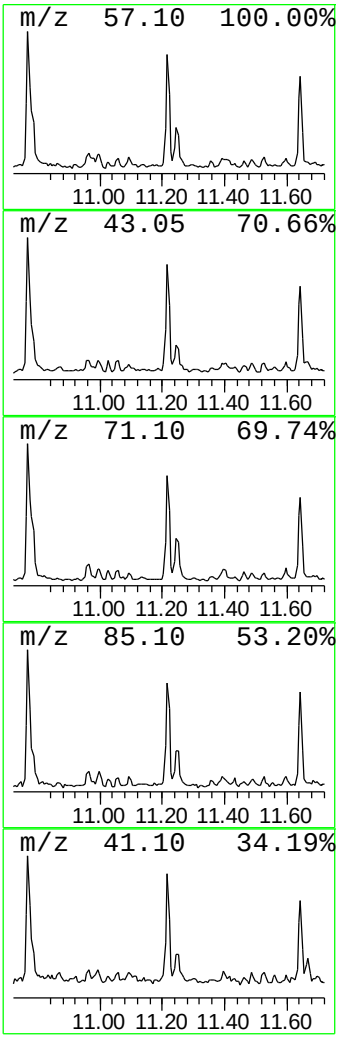
Peak Number 10 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	5.73 ng	203989	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Hexadecane	226	C16H34	000544-76-3	90





Library Search Compound Report

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Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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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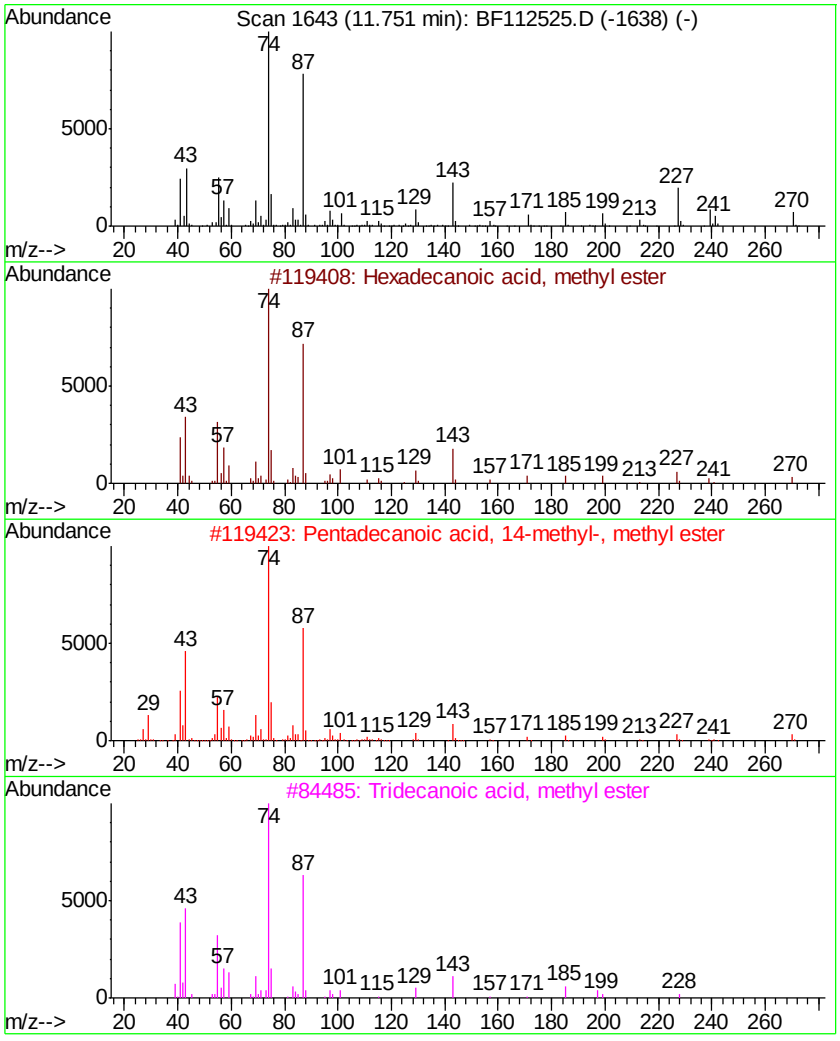
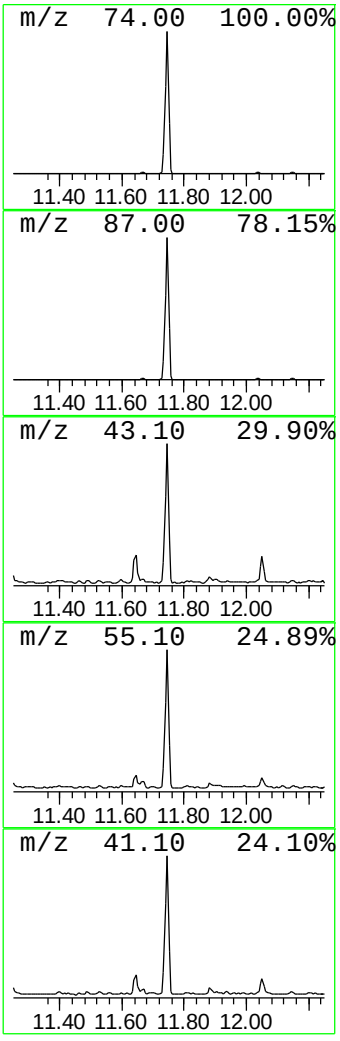
Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	42.45 ng	1510280	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	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83





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Sample : K1343-17 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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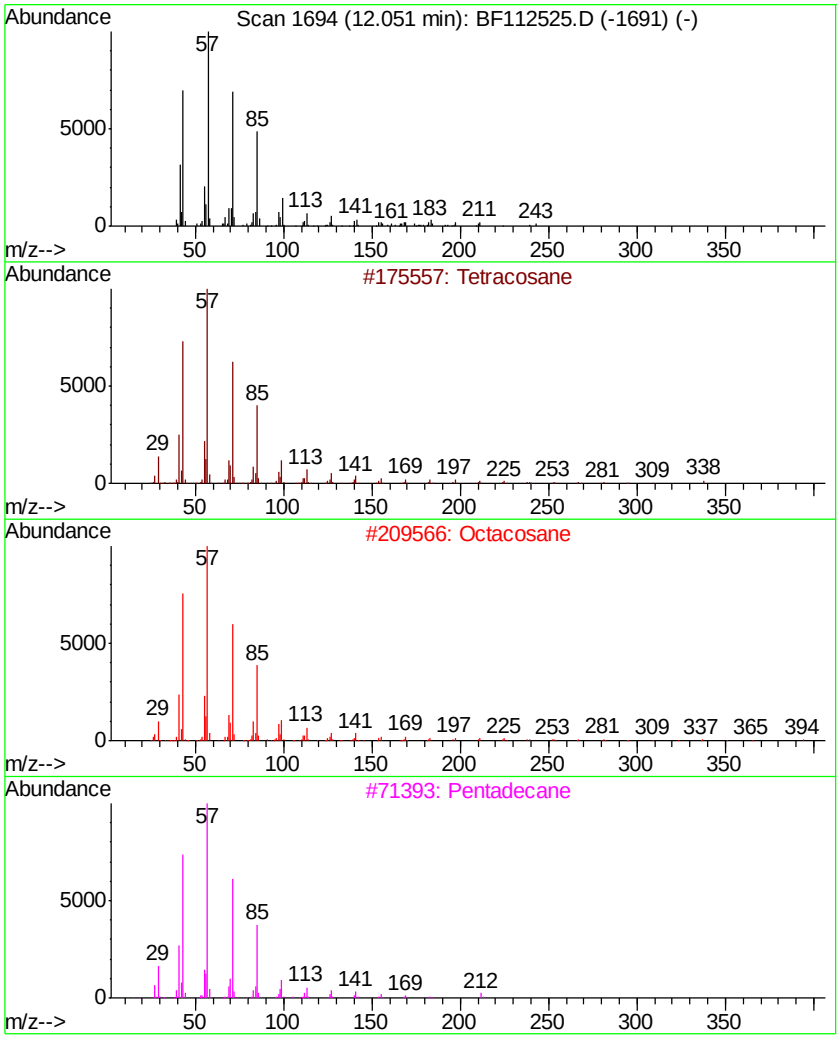
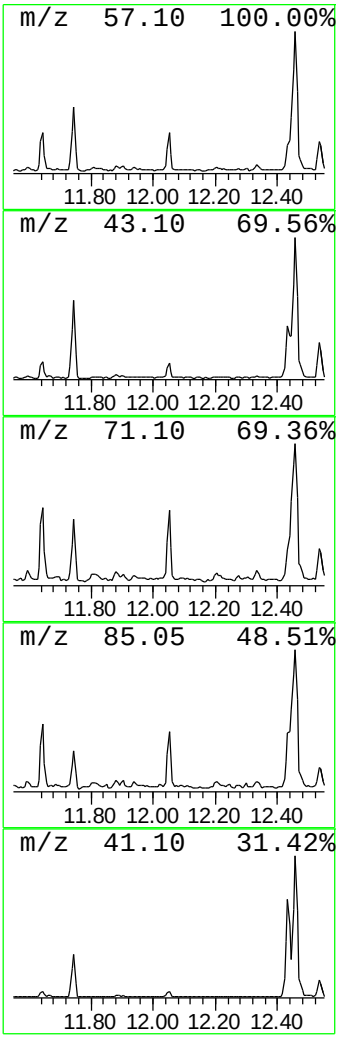
Peak Number 13 Tetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	4.76 ng	169505	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Heptadecane	240	C17H36	000629-78-7	91





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Sample : K1343-17 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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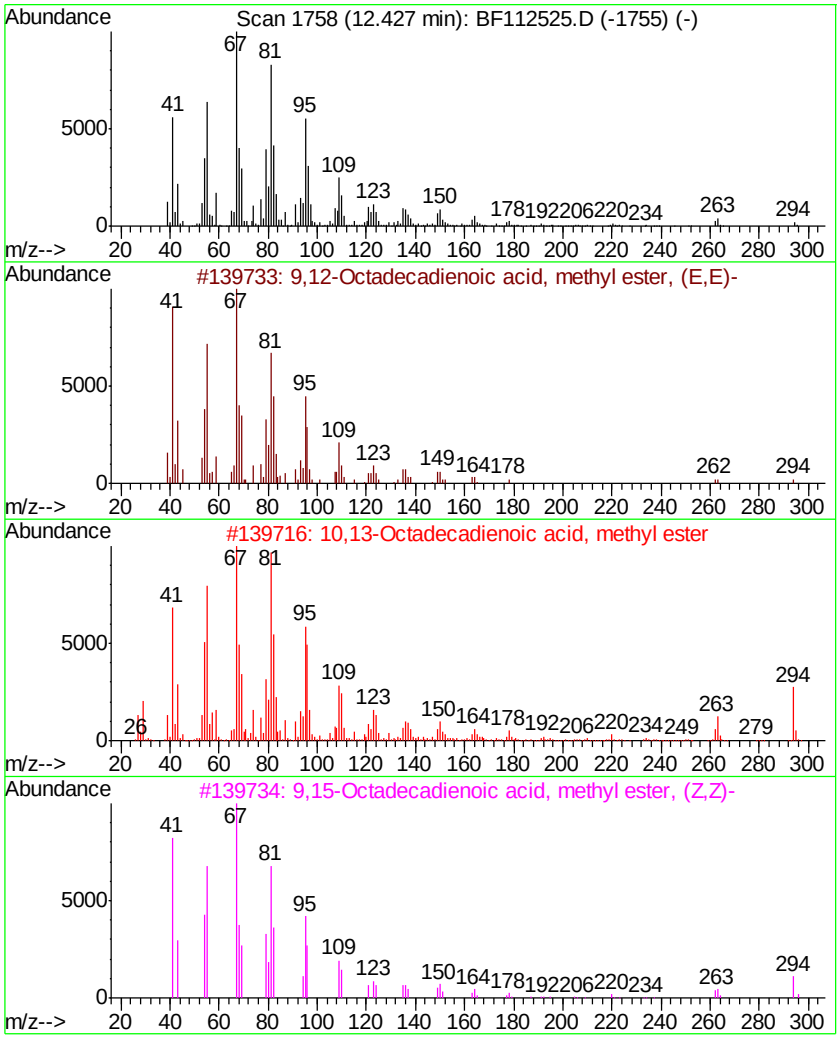
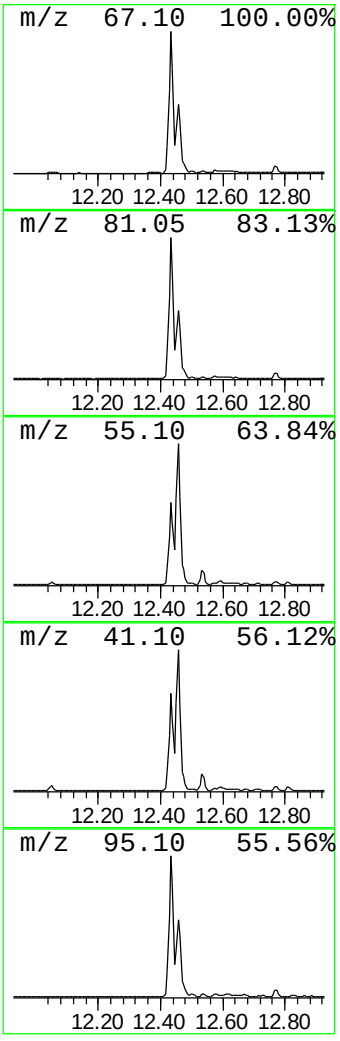
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	135.39 ng	4817120	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	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





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Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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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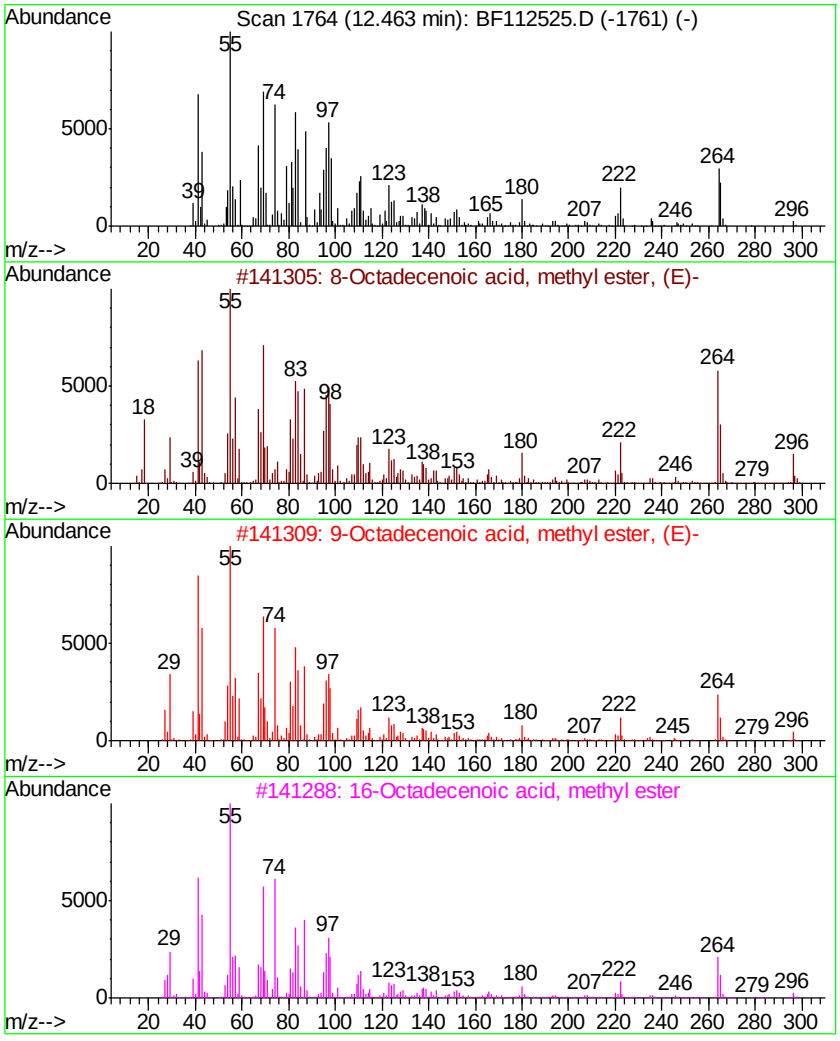
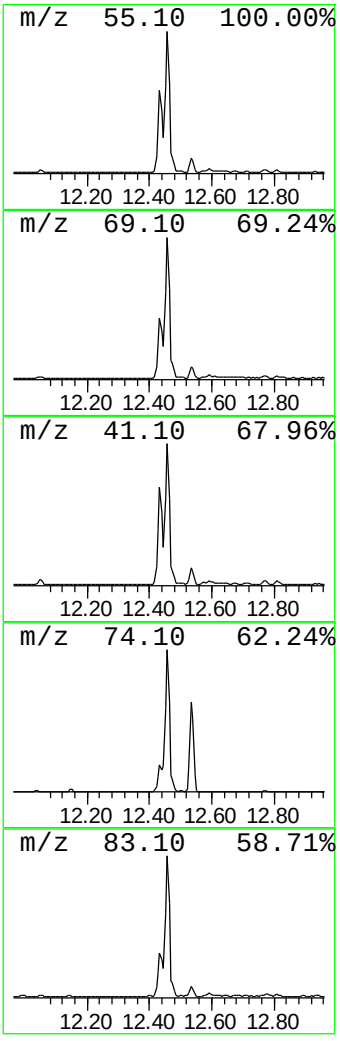
Peak Number 15 8-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	160.27 ng	5702200	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	99
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99





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Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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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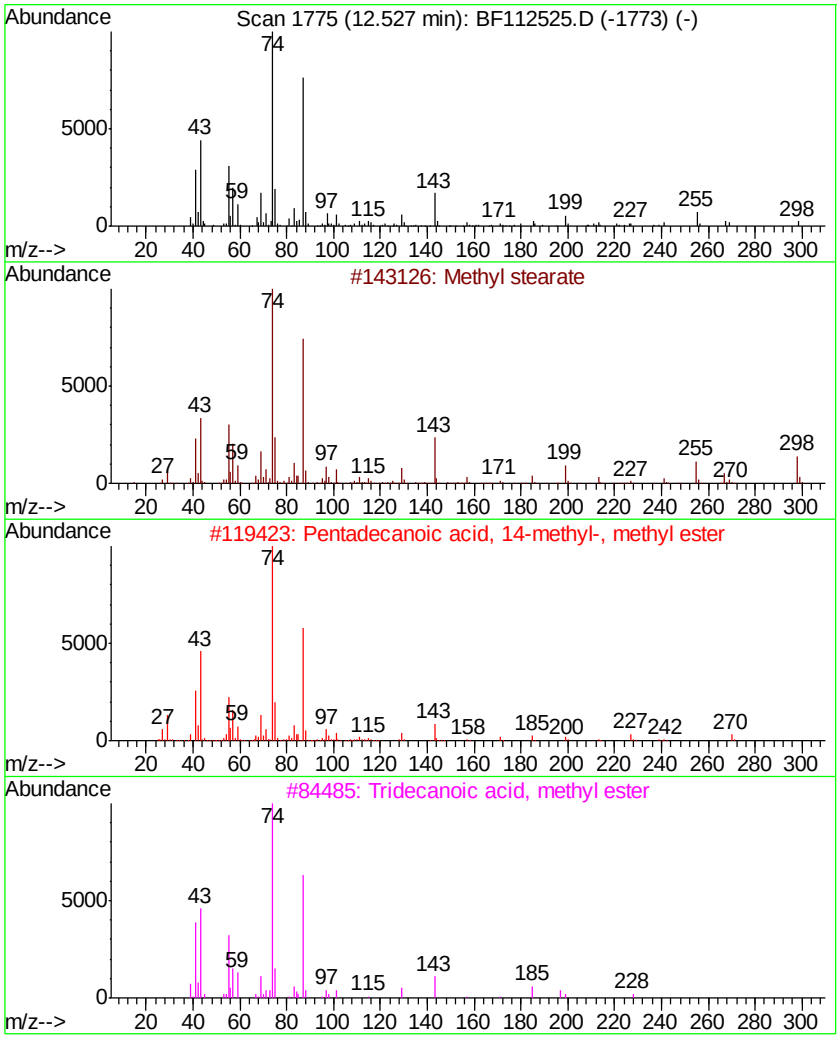
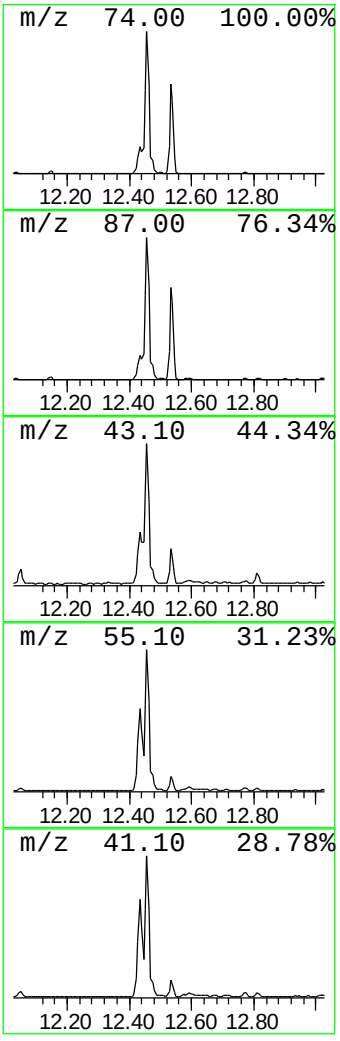
Peak Number 16 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	20.65 ng	734806	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	99
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91





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Acq On : 12 Feb 2019 23:48
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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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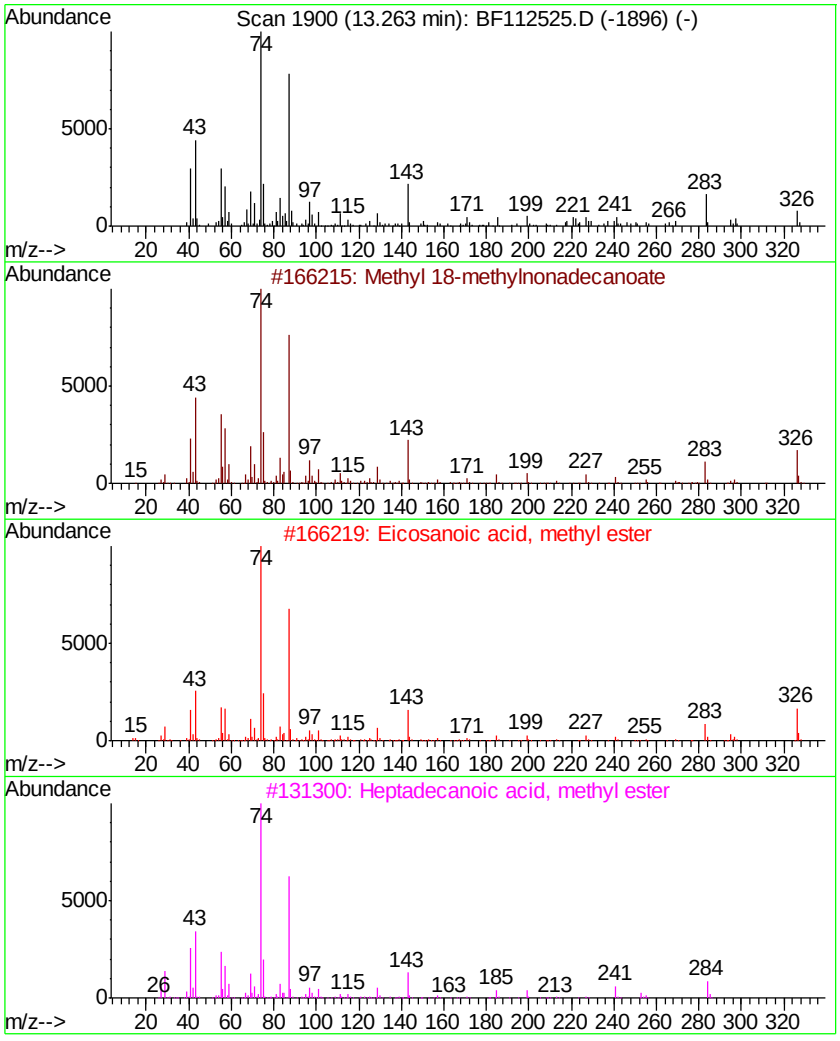
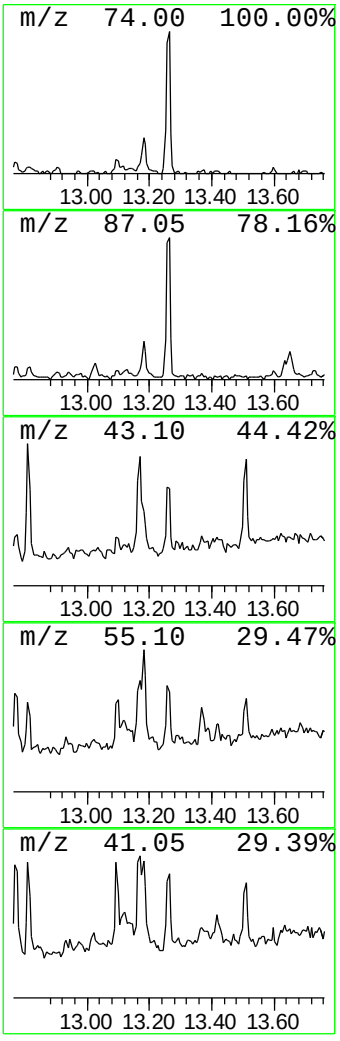
Peak Number 17 Methyl 18-methylnonadecanoate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	4.52 ng	163738	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	98
2	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	95
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	94
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	94
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93





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Acq On : 12 Feb 2019 23:48
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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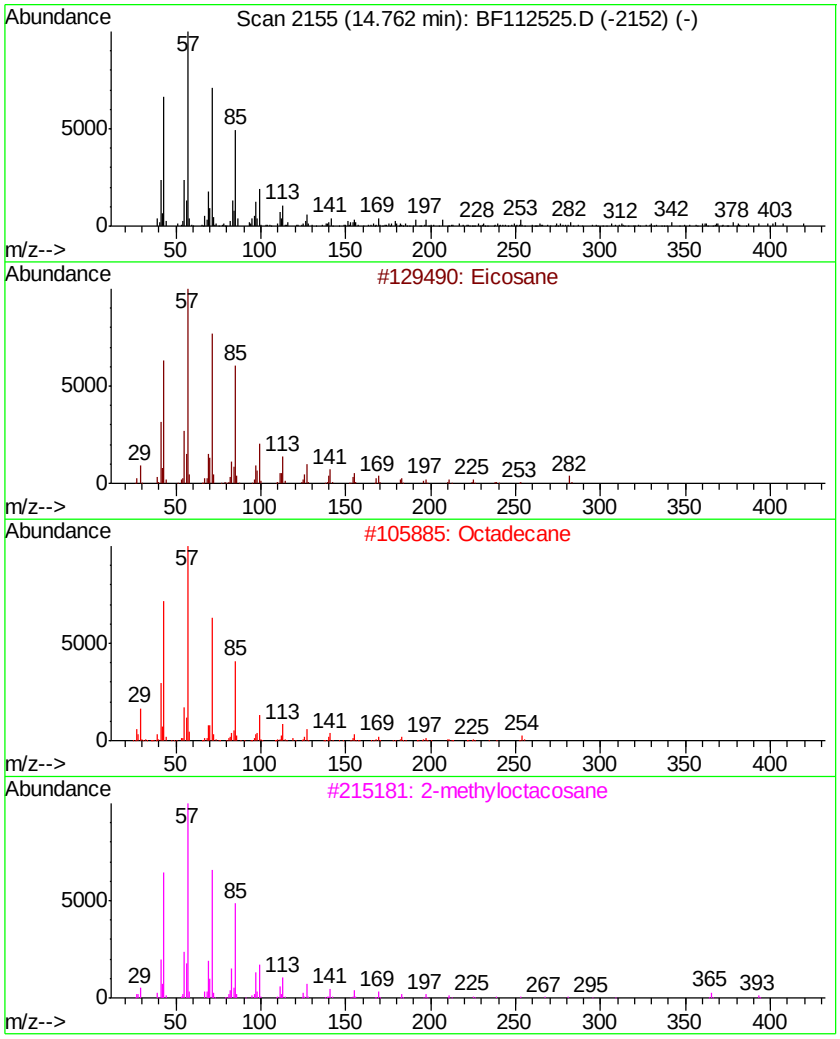
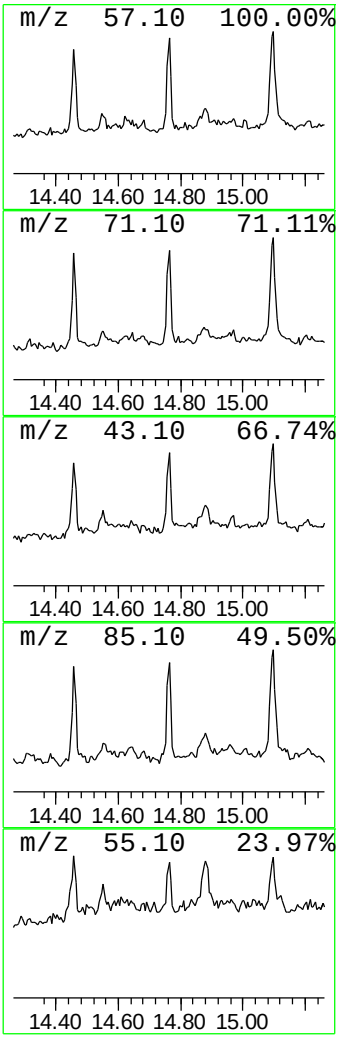
Peak Number 18 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	4.75 ng	148139	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Octadecane	254	C18H38	000593-45-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	83
4	Hexacosane	366	C26H54	000630-01-3	83
5	Heneicosane	296	C21H44	000629-94-7	83





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Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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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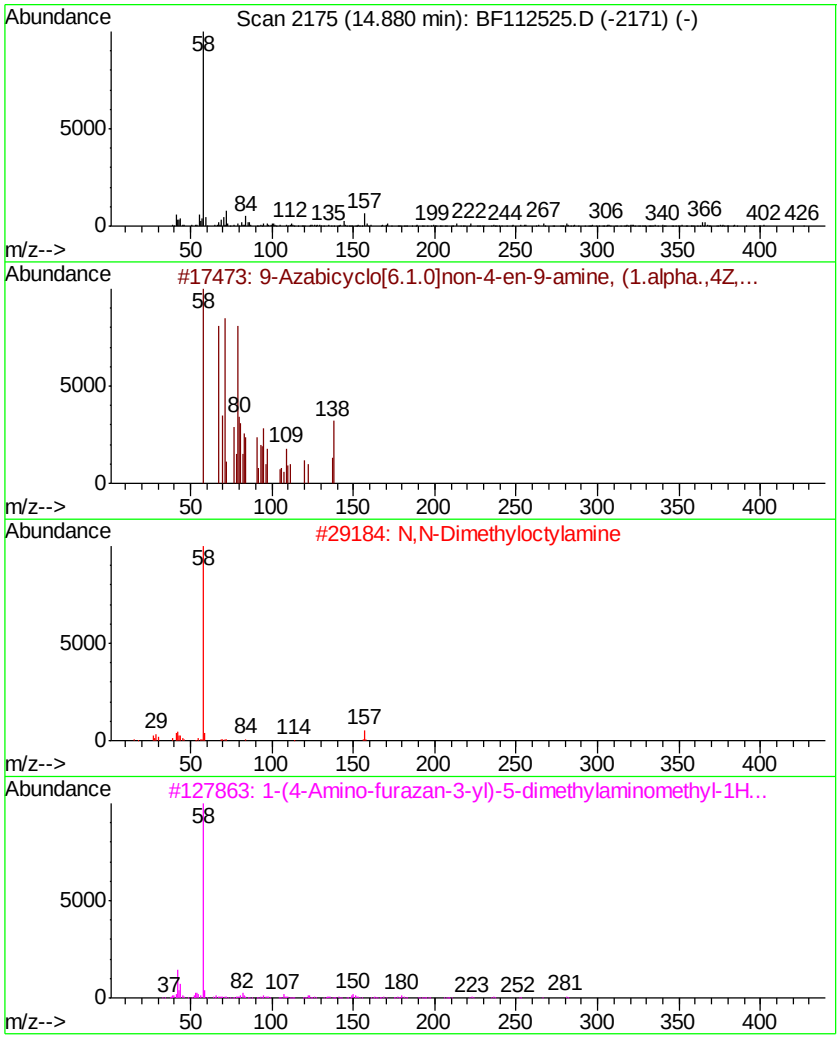
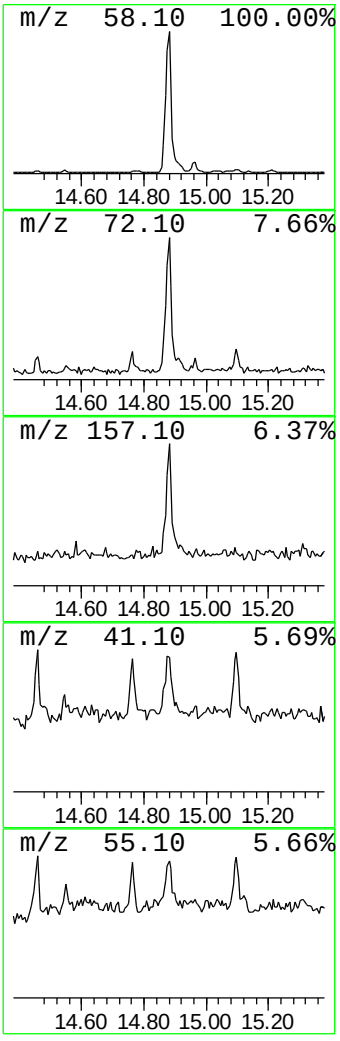
Peak Number 19 9-Azabicyclo[6.1.0]non-4-en... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	10.75 ng	335158	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Azabicyclo[6.1.0]non-4-en-9-am...	138	C8H14N2	066387-78-8	76
2	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
3	1-(4-Amino-furazan-3-yl)-5-dimet...	281	C10H15N7O3	1000274-52-3	64
4	N,N-Dimethyl-2-butoxyethylamine	145	C8H19NO	071126-58-4	64
5	Benzedrex	155	C10H21N	000101-40-6	59





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Sample : K1343-17 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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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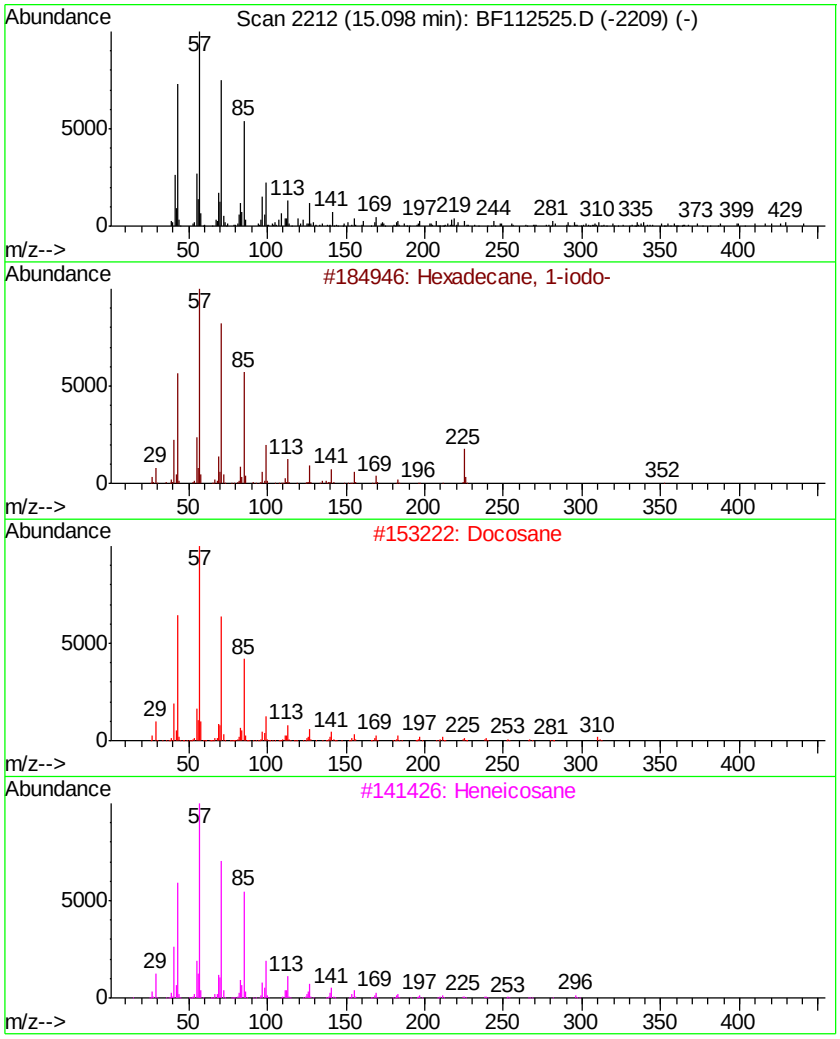
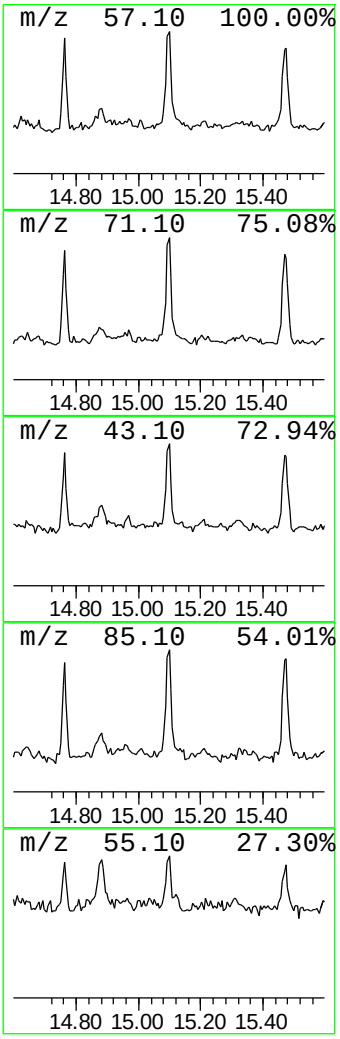
Peak Number 20 Hexadecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	8.27 ng	257811	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
2	Docosane	310	C22H46	000629-97-0	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentacosane	352	C25H52	000629-99-2	90
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
Data File : BF112525.D
Acq On : 12 Feb 2019 23:48
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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
unknown6.62	6.62	13.6	ng	415387	1	6.83	610515	20.0
Undecane, 2,6-dim...	8.17	4.7	ng	180578	2	8.12	765718	20.0
Tridecane	8.70	10.1	ng	386756	2	8.12	765718	20.0
Tetradecane	9.27	11.1	ng	383979	3	9.87	692674	20.0
unknown9.59	9.59	5.4	ng	187979	3	9.87	692674	20.0
Hexadecane	10.30	8.3	ng	285800	3	9.87	692674	20.0
Heptadecane	10.77	8.8	ng	314336	4	11.36	711596	20.0
Nonadecane	11.22	5.7	ng	203989	4	11.36	711596	20.0
Hexadecanoic acid...	11.75	42.5	ng	1510280	4	11.36	711596	20.0
Tetracosane	12.05	4.8	ng	169505	4	11.36	711596	20.0
9,12-Octadecadien...	12.43	135.4	ng	4817120	4	11.36	711596	20.0
8-Octadecenoic ac...	12.46	160.3	ng	5702200	4	11.36	711596	20.0
Methyl stearate	12.53	20.6	ng	734806	4	11.36	711596	20.0
Methyl 18-methyln...	13.26	4.5	ng	163738	5	14.02	723778	20.0
Eicosane	14.76	4.8	ng	148139	6	15.50	623275	20.0
9-Azabicyclo[6.1....	14.88	10.8	ng	335158	6	15.50	623275	20.0
Hexadecane, 1-iodo-	15.10	8.3	ng	257811	6	15.50	623275	20.0