LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112834.D
Acq On : 4 Mar 2019 19:45
Operator : JU/SJ
Sample : K1688-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-F

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-BF022719.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	5.345	550	554	564	rVB	847647	829536	9.67%	1.765%
2	6.375	725	729	736	rVB	920049	913411	10.65%	1.943%
3	6.510	746	752	758	rBV	1115350	985778	11.49%	2.097%
4	6.598	765	767	772	rVB	194496	150184	1.75%	0.319%
5	6.745	789	792	796	rBV	1097616	906002	10.56%	1.927%
6	6.904	815	819	828	rVB	796339	756869	8.82%	1.610%
7	7.145	857	860	864	rBV	102719	92356	1.08%	0.196%
8	7.298	881	886	891	rBV	565142	614663	7.17%	1.307%
9	7.357	894	896	900	rVB	381268	293526	3.42%	0.624%
10	7.557	926	930	934	rVB3	93997	140876	1.64%	0.300%
11	7.769	961	966	968	rBV3	100362	155074	1.81%	0.330%
12	7.792	968	970	974	rVV2	118742	140509	1.64%	0.299%
13	7.839	974	978	980	rVV2	89812	95967	1.12%	0.204%
14	7.869	981	983	986	rVB	102095	92093	1.07%	0.196%
15	8.028	1006	1010	1016	rBV	1800003	1612037	18.79%	3.429%
16	8.104	1021	1023	1025	rVB	151836	104111	1.21%	0.221%
17	8.333	1056	1062	1064	rBV4	116435	166266	1.94%	0.354%
18	8.386	1069	1071	1074	rVB2	136701	101006	1.18%	0.215%
19	8.422	1074	1077	1079	rBV2	145331	147445	1.72%	0.314%
20	8.463	1082	1084	1089	rVV3	194008	210446	2.45%	0.448%
21	8.533	1093	1096	1100	rBV2	164362	170139	1.98%	0.362%
22	8.633	1109	1113	1116	rBV	709656	559913	6.53%	1.191%
23	8.727	1126	1129	1136	rVB4	99360	150593	1.76%	0.320%
24	8.851	1144	1150	1152	rBV5	139083	170989	1.99%	0.364%
25	8.998	1173	1175	1178	rVB	124265	101860	1.19%	0.217%
26	9.033	1178	1181	1184	rBV2	87738	107634	1.25%	0.229%
27	9.063	1184	1186	1189	rVV2	188058	155847	1.82%	0.332%
28	9.098	1189	1192	1198	rVV	915401	887733	10.35%	1.888%
29	9.198	1205	1209	1213	rBV	639648	567494	6.62%	1.207%
30	9.257	1214	1219	1221	rVB2	87312	105653	1.23%	0.225%
31	9.363	1232	1237	1244	rBV8	67966	147259	1.72%	0.313%
32	9.422	1244	1247	1249	rBV3	64983	88010	1.03%	0.187%
33	9.516	1257	1263	1265	rBV3	180891	290632	3.39%	0.618%
34	9.569	1270	1272	1275	rVB2	95662	89586	1.04%	0.191%

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-F

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 >
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.722	1296	1298	1302	rBV	575117	478913	5.58%	1.019%
36	9.774	1302	1307	1312	rBV	1241763	1270198	14.81%	2.702%
37	9.963	1334	1339	1341	rBV3	81980	140408	1.64%	0.299%
38	10.045	1350	1353	1357	rVB3	132592	136502	1.59%	0.290%
39	10.222	1380	1383	1386	rBV	575479	427877	4.99%	0.910%
40	10.439	1416	1420	1423	rBV	165672	191919	2.24%	0.408%
41	10.557	1437	1440	1445	rBV	666509	623478	7.27%	1.326%
42	10.692	1460	1463	1470	rBV	573820	595366	6.94%	1.266%
43	11.139	1536	1539	1542	rBV	462327	374328	4.36%	0.796%
44	11.169	1542	1544	1550	rVB	158435	155097	1.81%	0.330%
45	11.257	1555	1559	1562	rBV	1313030	1175300	13.70%	2.500%
46	11.563	1608	1611	1613	rBV	362104	312050	3.64%	0.664%
47	11.586	1613	1615	1618	rVB	166861	126508	1.47%	0.269%
48	11.663	1624	1628	1631	rBV	3810017	3195383	37.25%	6.797%
49	11.792	1647	1650	1653	rBV3	141436	135971	1.59%	0.289%
50	11.968	1675	1680	1688	rVB	316216	355335	4.14%	0.756%
51	12.351	1740	1745	1747	rBV	6809507	8147576	94.98%	17.331%
52	12.374	1747	1749	1755	rVV2	8159529	8578483	100.00%	18.247%
53	12.416	1755	1756	1759	rVB2	145369	95118	1.11%	0.202%
54	12.451	1759	1762	1765	rBV	1603399	1460149	17.02%	3.106%
55	12.498	1768	1770	1774	rVB	330345	295792	3.45%	0.629%
56	12.686	1798	1802	1806	rVB2	428676	433748	5.06%	0.923%
57	12.727	1806	1809	1813	rBV	211877	169707	1.98%	0.361%
58	12.839	1824	1828	1831	rBV	940906	821888	9.58%	1.748%
59	13.010	1853	1857	1858	rBV	270151	242568	2.83%	0.516%
60	13.027	1858	1860	1866	rVV5	176488	302280	3.52%	0.643%
61	13.092	1866	1871	1874	rVB2	296253	460130	5.36%	0.979%
62	13.174	1882	1885	1888	rBV	313476	259413	3.02%	0.552%
63	13.327	1908	1911	1915	rVB5	116765	128880	1.50%	0.274%
64	13.421	1924	1927	1932	rBV	143834	154223	1.80%	0.328%
65	13.592	1953	1956	1959	rVB3	82350	100892	1.18%	0.215%
66	13.751	1980	1983	1986	rBV	125244	120783	1.41%	0.257%
67	13.839	1995	1998	2001	rBV	200985	182802	2.13%	0.389%
68	13.886	2002	2006	2009	rVV	1155456	1099416	12.82%	2.339%
69	14.068	2034	2037	2040	rVB	125967	111610	1.30%	0.237%
70	14.351	2081	2085	2087	rBV2	179292	265097	3.09%	0.564%
71	14.457	2101	2103	2108	rBV4	98592	100510	1.17%	0.214%

LSC Area Percent Report

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Sample : K1688-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-F

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.668	2136	2139	2147	rVB2	194996	239106	2.79%	0.509%
73	14.768	2152	2156	2165	rBV	351949	558393	6.51%	1.188%
74	15.298	2242	2246	2250	rVV	612648	703324	8.20%	1.496%
75	15.345	2252	2254	2259	rVB	167690	184291	2.15%	0.392%

Sum of corrected areas: 47012309

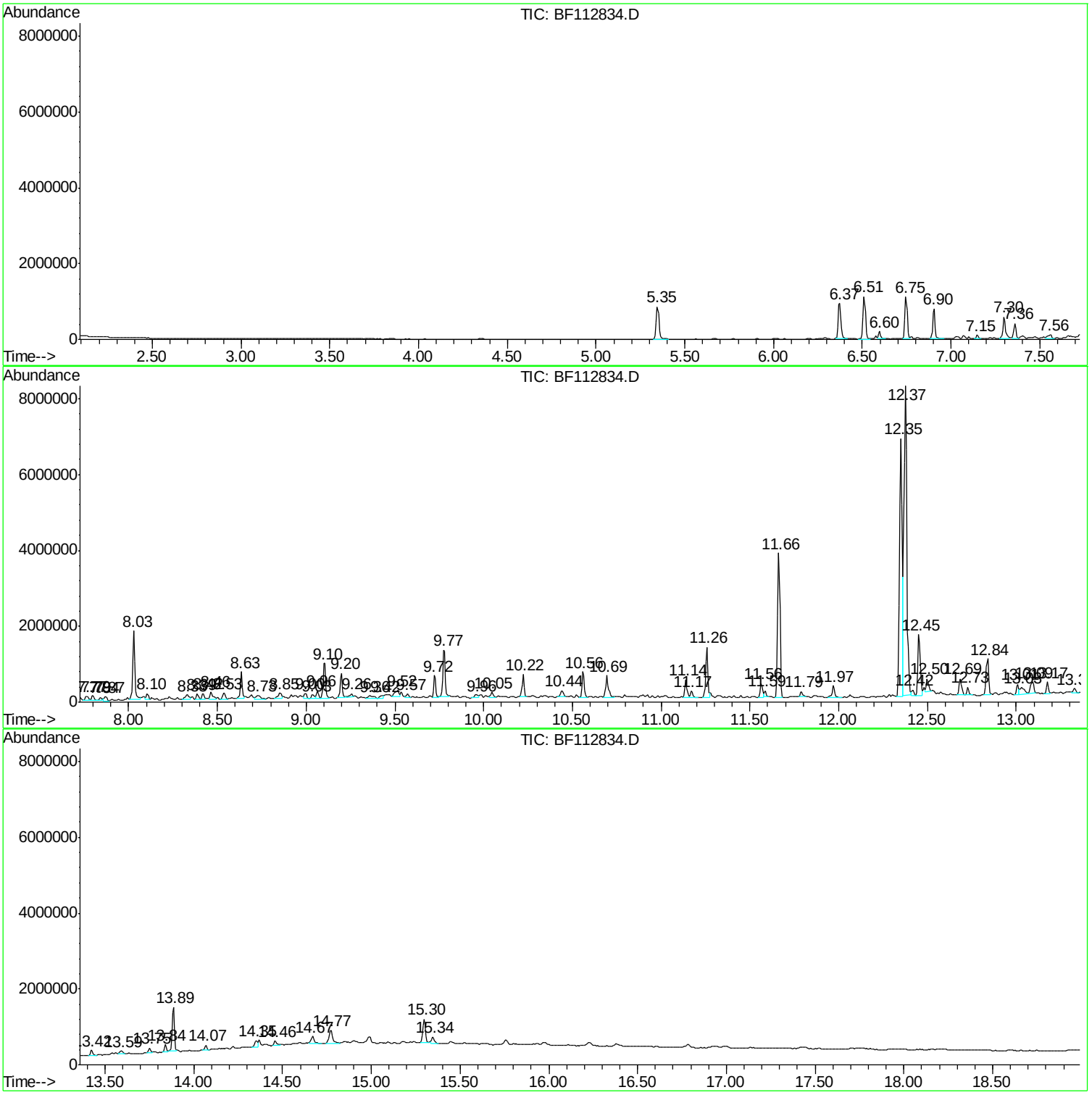
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112834.D
Acq On : 4 Mar 2019 19:45
Operator : JU/SJ
Sample : K1688-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF030419\
Data File : BF112834.D
Acq On : 4 Mar 2019 19:45
Operator : JU/SJ
Sample : K1688-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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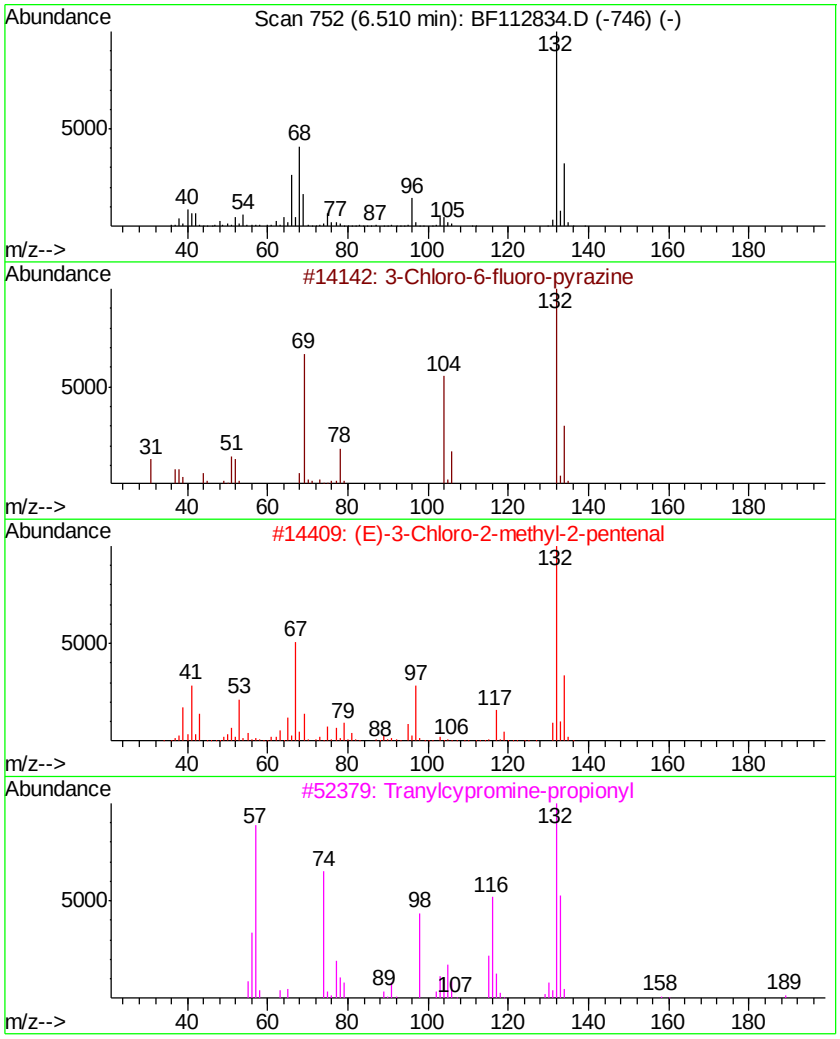
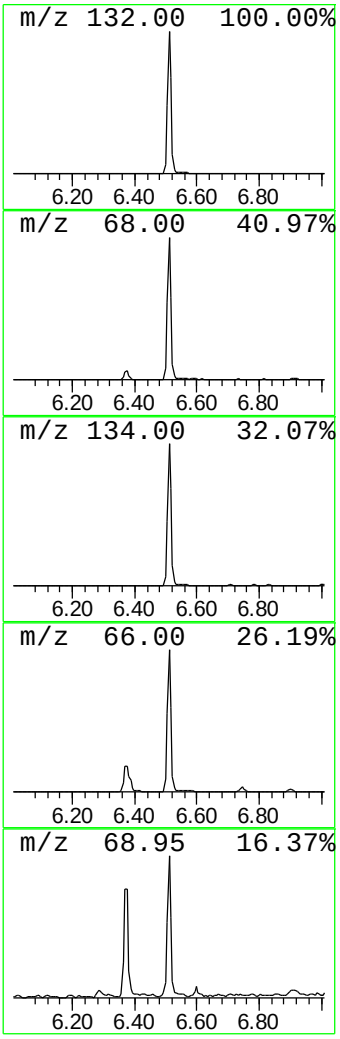
Peak Number 1 unknown6.51 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	21.76 ng	985778	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112834.D
Acq On : 4 Mar 2019 19:45
Operator : JU/SJ
Sample : K1688-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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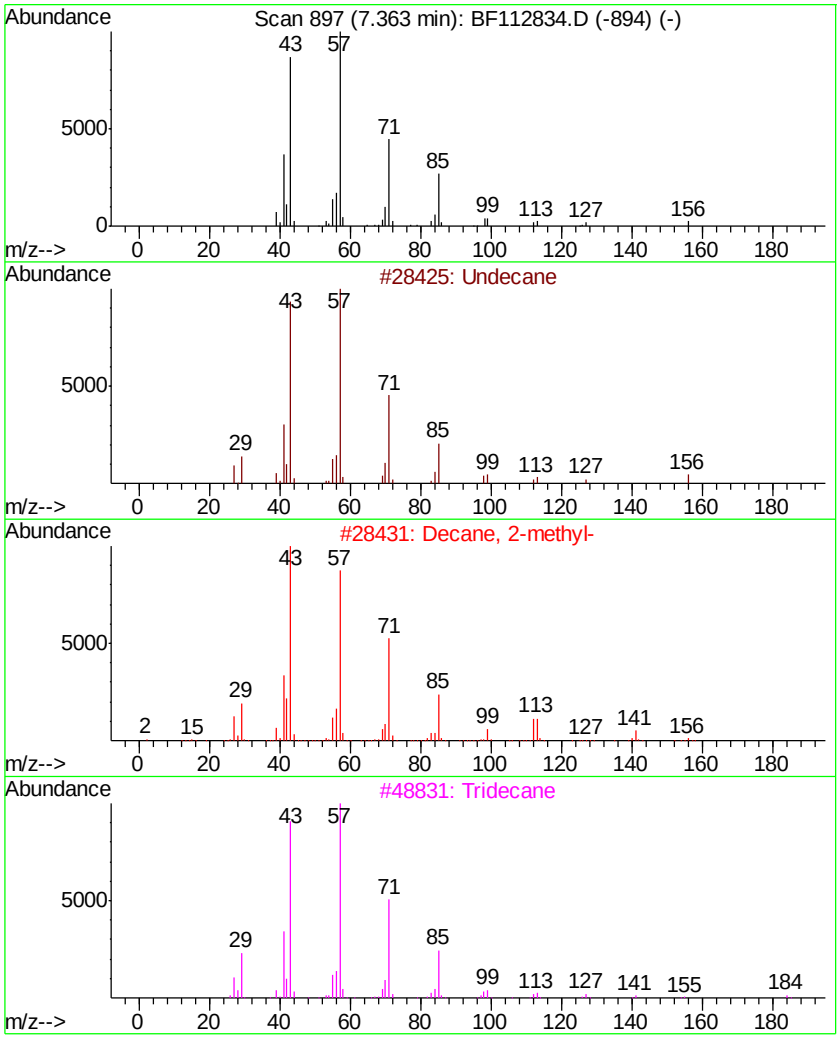
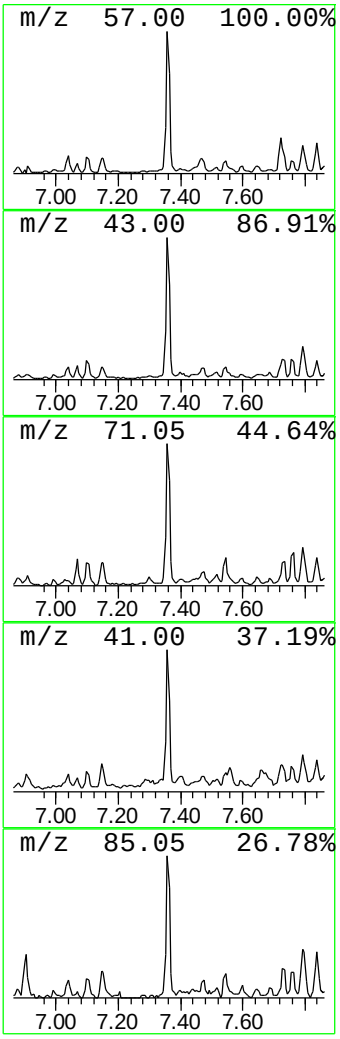
Peak Number 3 Undecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	6.48 ng	293526	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Decane, 2-methyl-	156	C11H24	006975-98-0	80
3	Tridecane	184	C13H28	000629-50-5	78
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	78
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112834.D
Acq On : 4 Mar 2019 19:45
Operator : JU/SJ
Sample : K1688-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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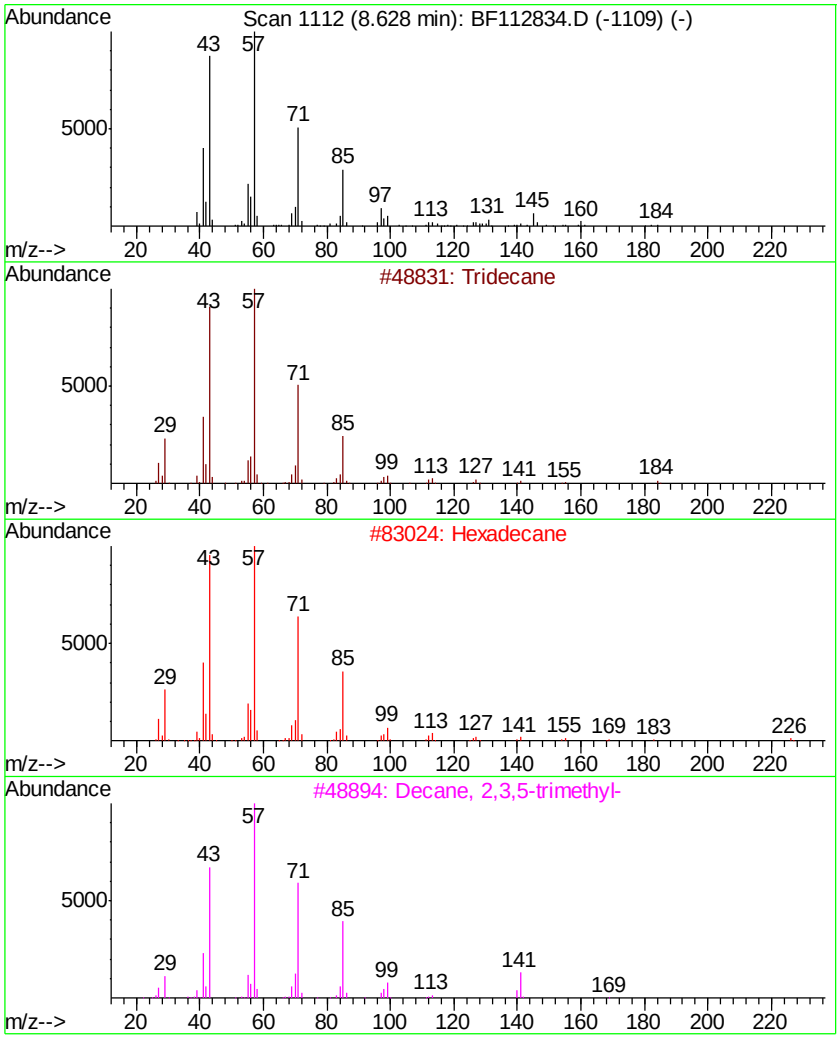
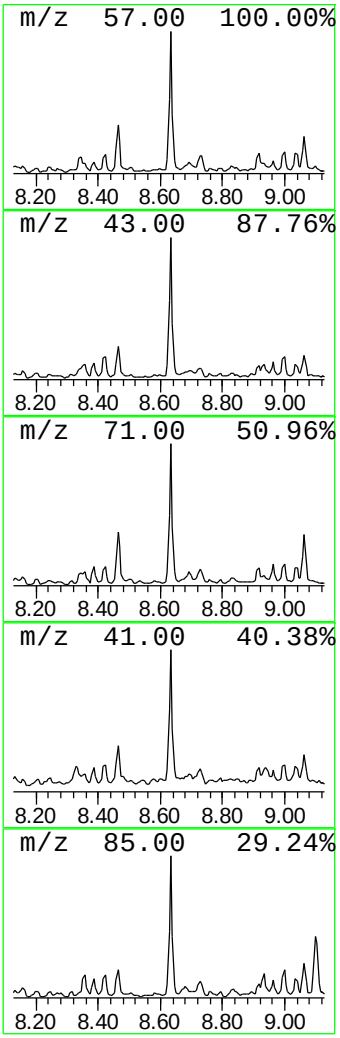
Peak Number 4 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	6.95 ng	559913	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	87
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Undecane	156	C11H24	001120-21-4	72
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
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Sample : K1688-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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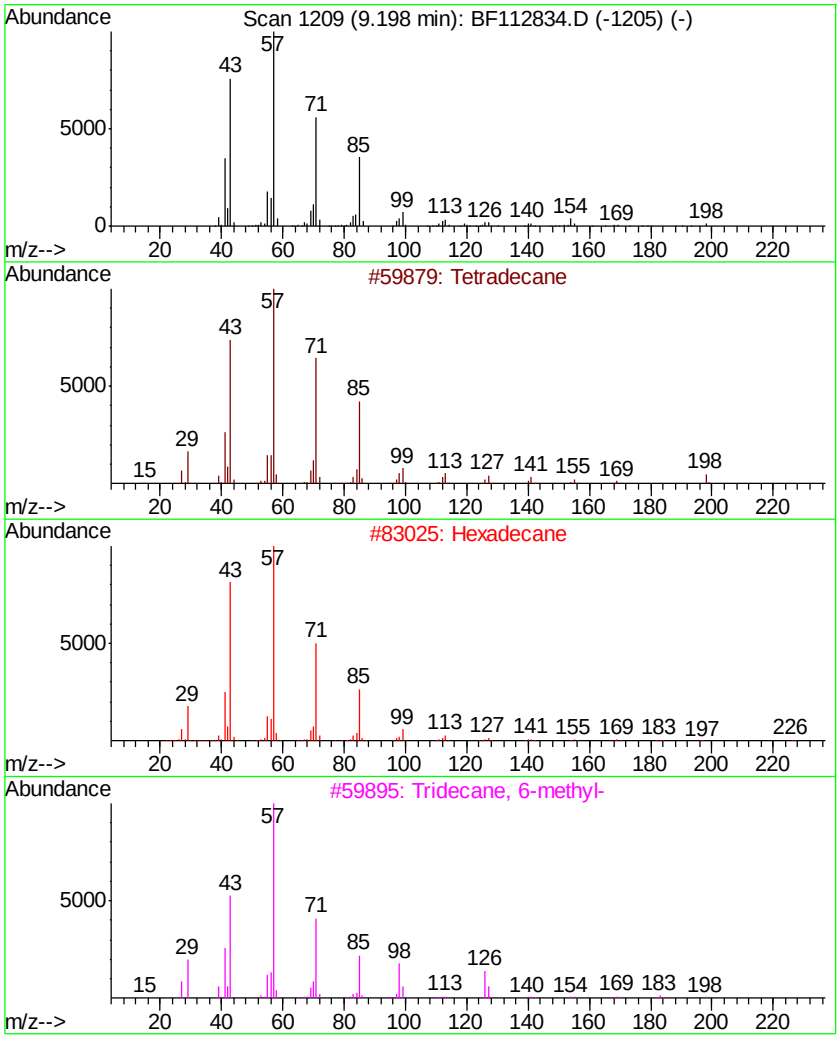
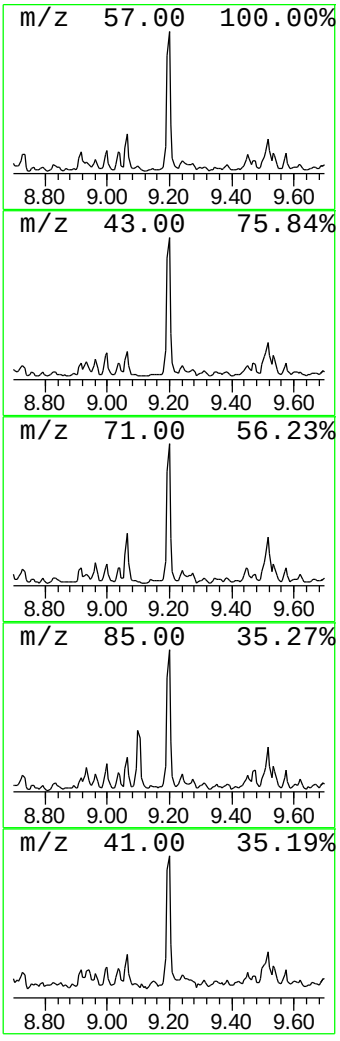
Peak Number 5 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	8.94 ng	567494	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
4	Tridecane	184	C13H28	000629-50-5	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





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Data File : BF112834.D
Acq On : 4 Mar 2019 19:45
Operator : JU/SJ
Sample : K1688-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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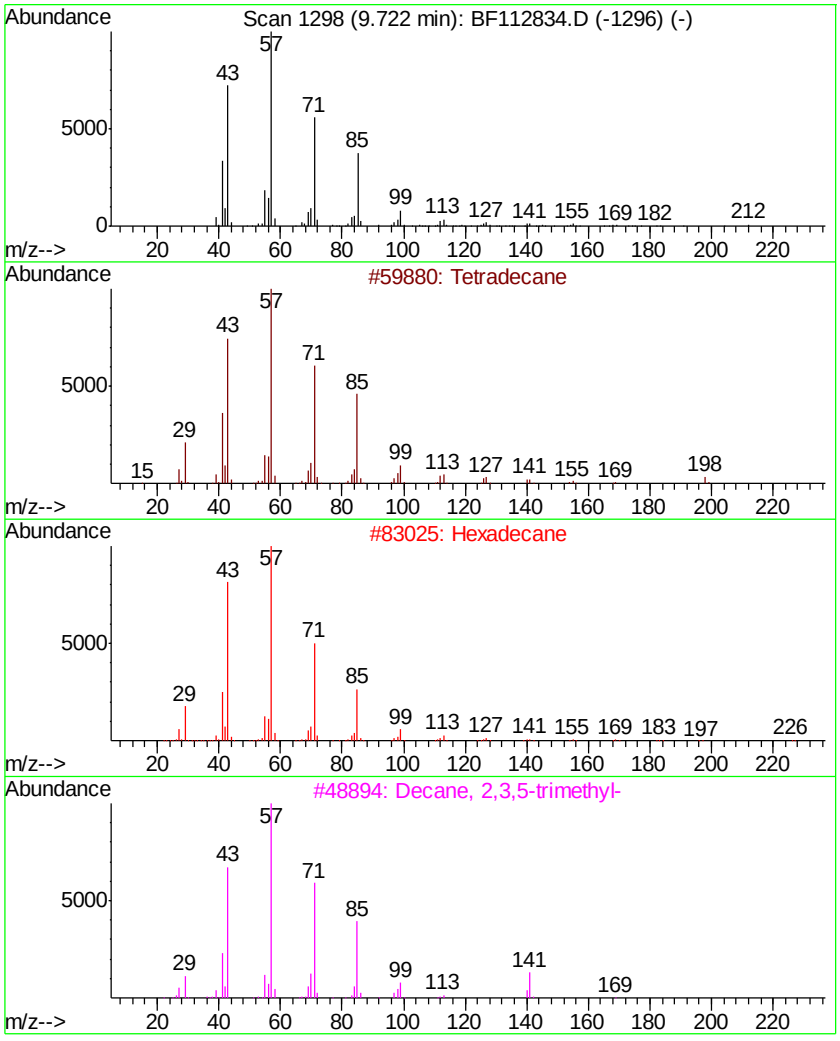
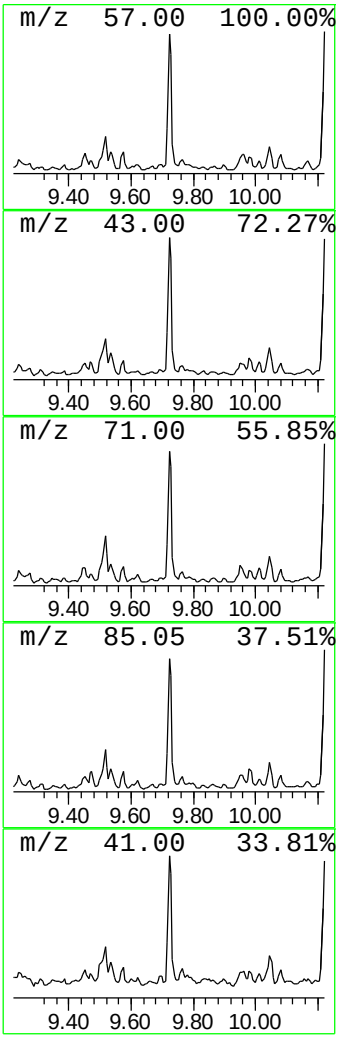
Peak Number 6 unknown9.72 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	7.54 ng	478913	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64





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Data File : BF112834.D
Acq On : 4 Mar 2019 19:45
Operator : JU/SJ
Sample : K1688-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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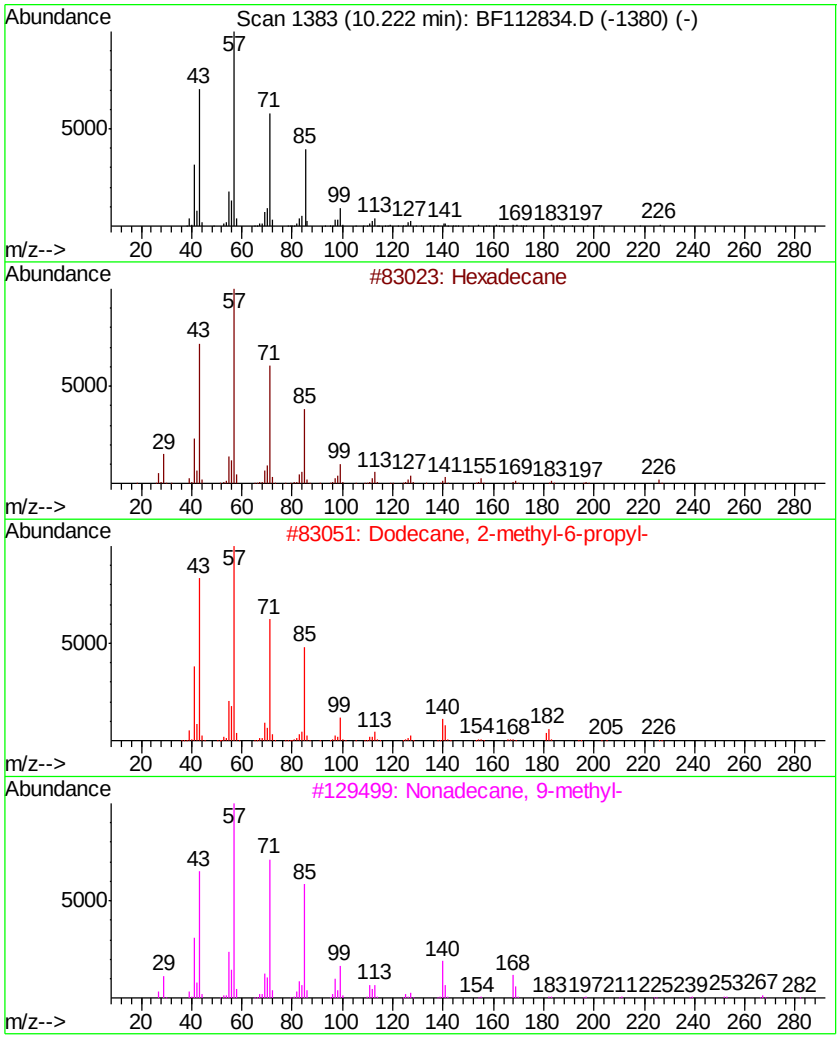
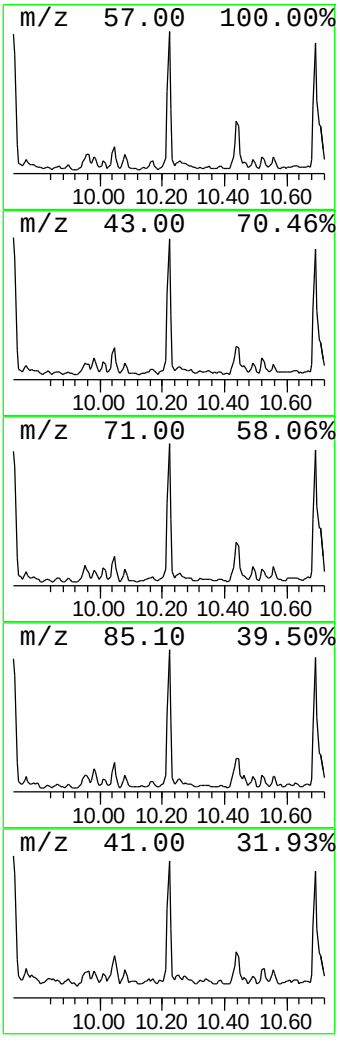
Peak Number 7 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	6.74 ng	427877	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
4	Heptadecane	240	C17H36	000629-78-7	83
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112834.D
Acq On : 4 Mar 2019 19:45
Operator : JU/SJ
Sample : K1688-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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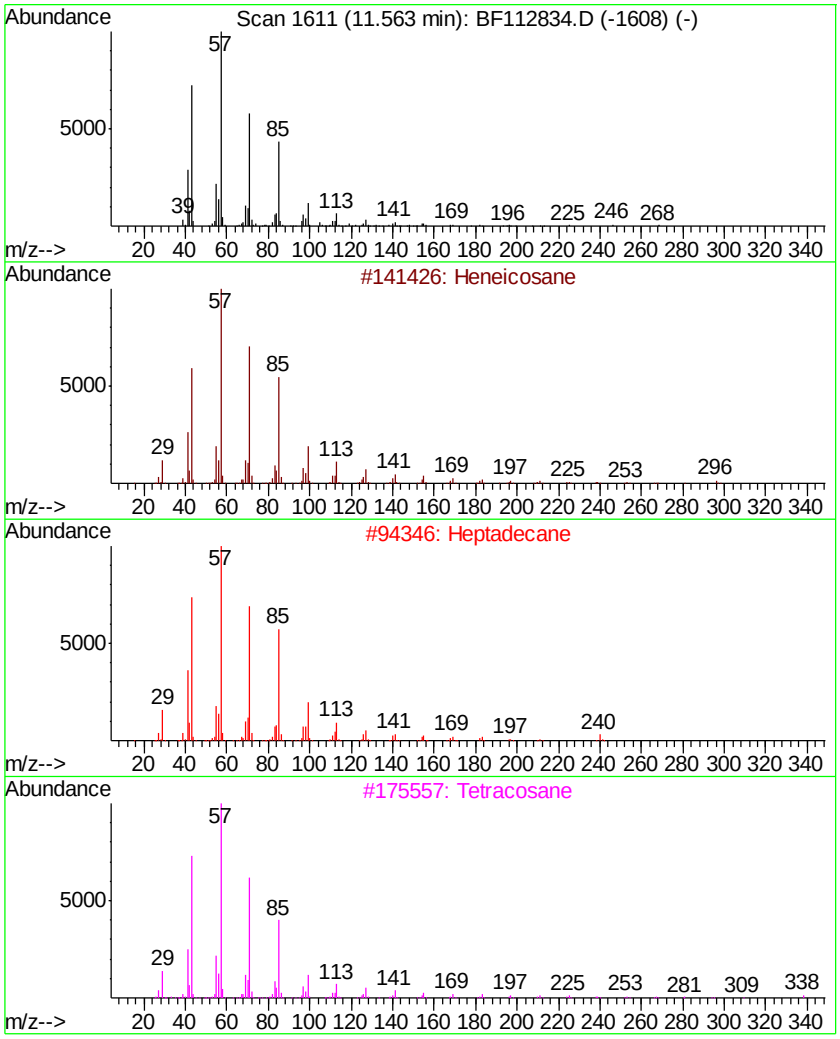
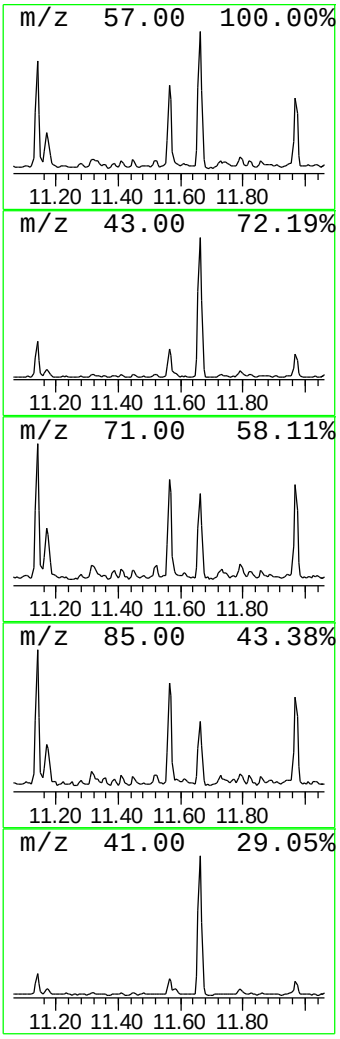
Peak Number 10 Heneicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	5.31 ng	312050	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90





Library Search Compound Report

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Data File : BF112834.D
Acq On : 4 Mar 2019 19:45
Operator : JU/SJ
Sample : K1688-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

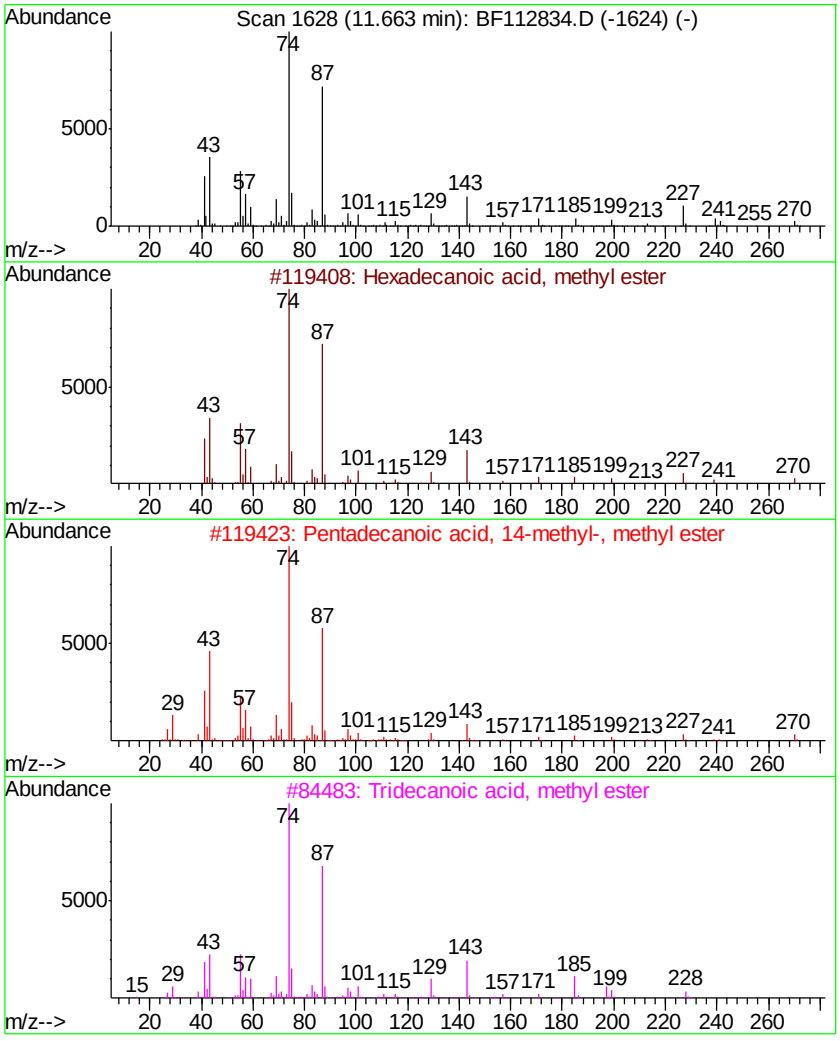
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

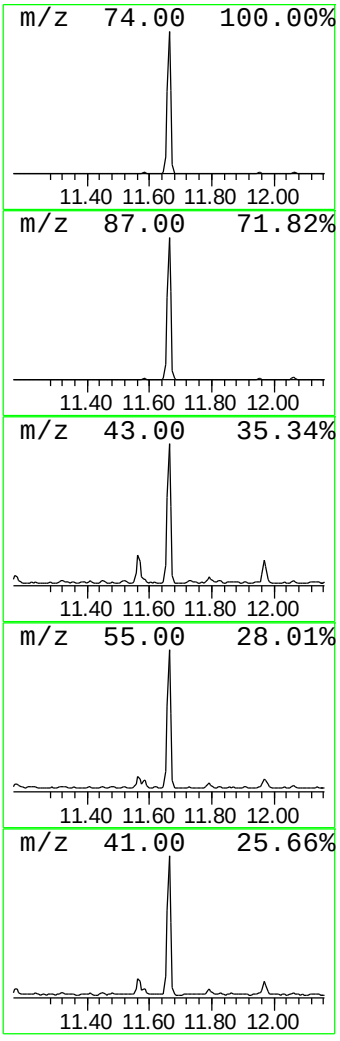
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	54.38 ng	3195380	Phenanthrene-d10	11.26

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	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





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Sample : K1688-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-F

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

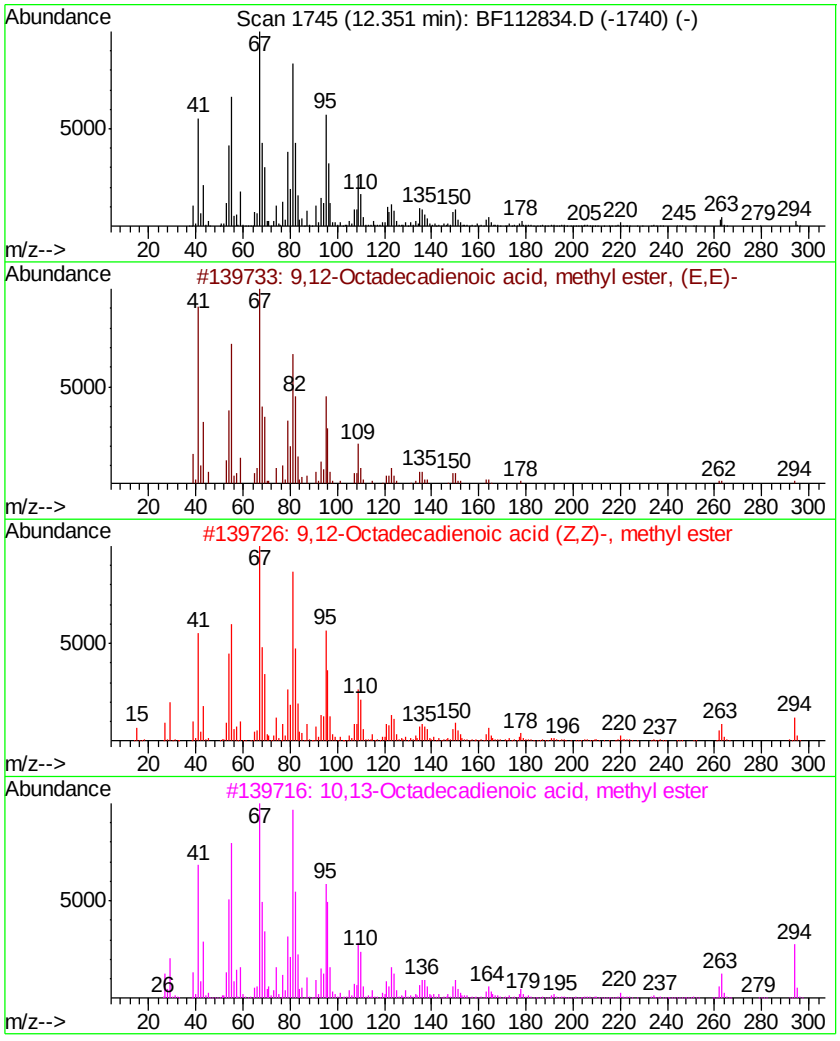
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

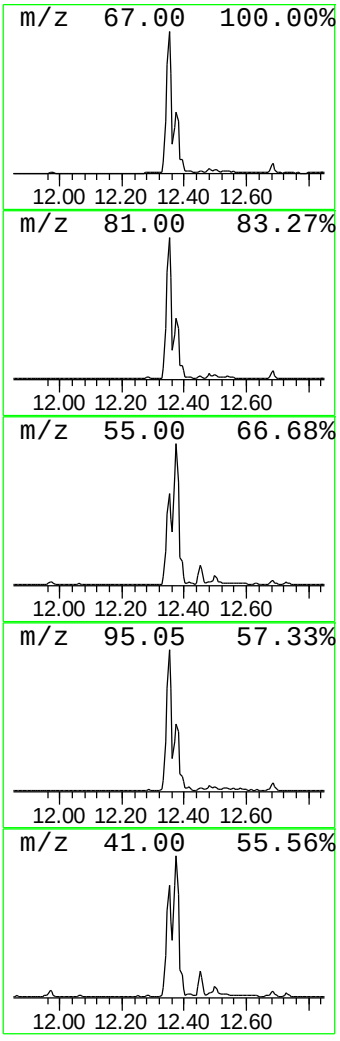
****

Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	138.65 ng	8147580	Phenanthrene-d10	11.26

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





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Acq On : 4 Mar 2019 19:45
Operator : JU/SJ
Sample : K1688-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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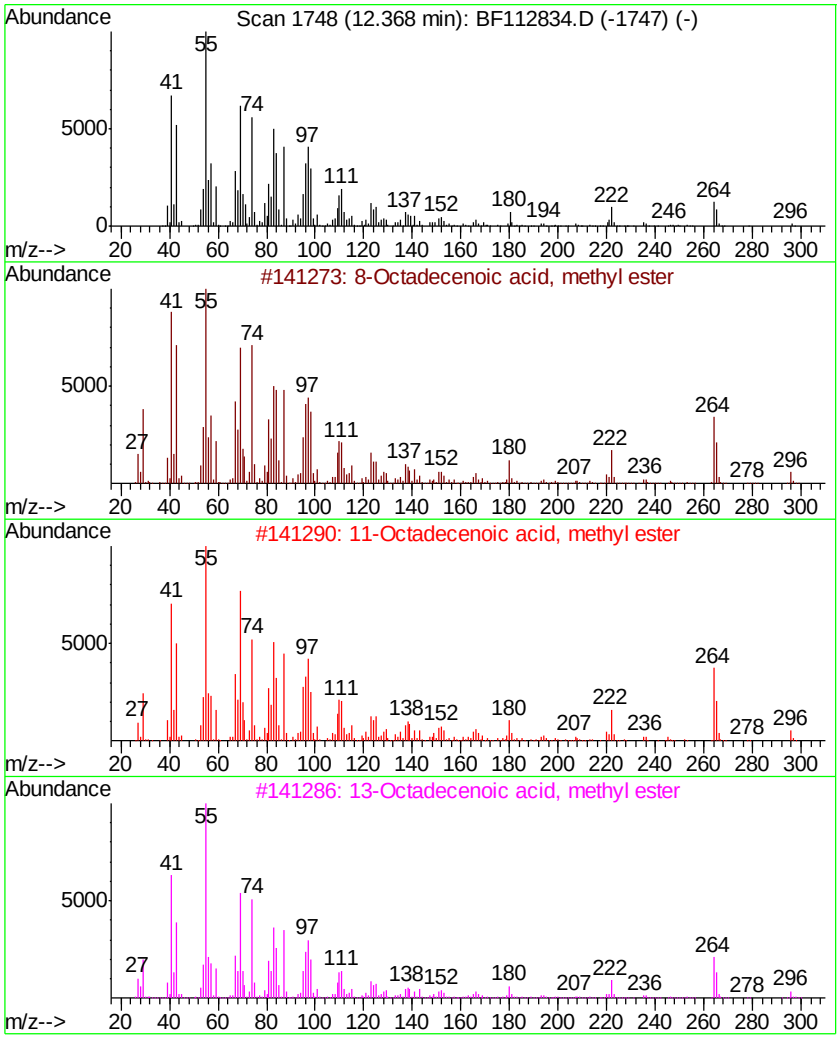
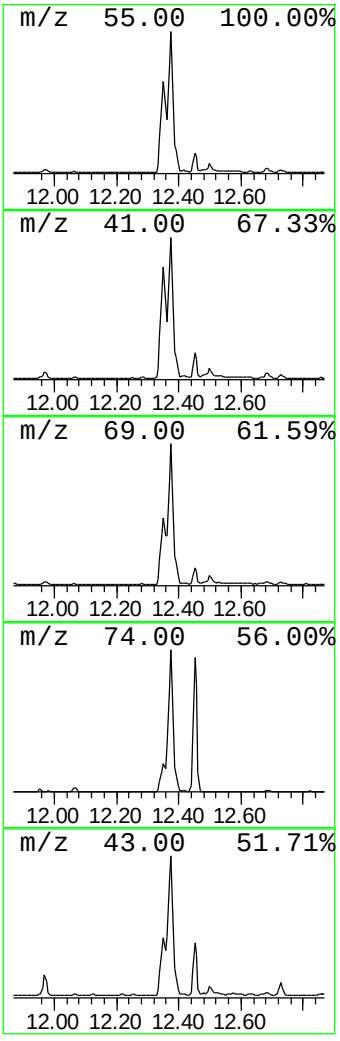
Peak Number 14 8-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	145.98 ng	8578480	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	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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Sample : K1688-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-F

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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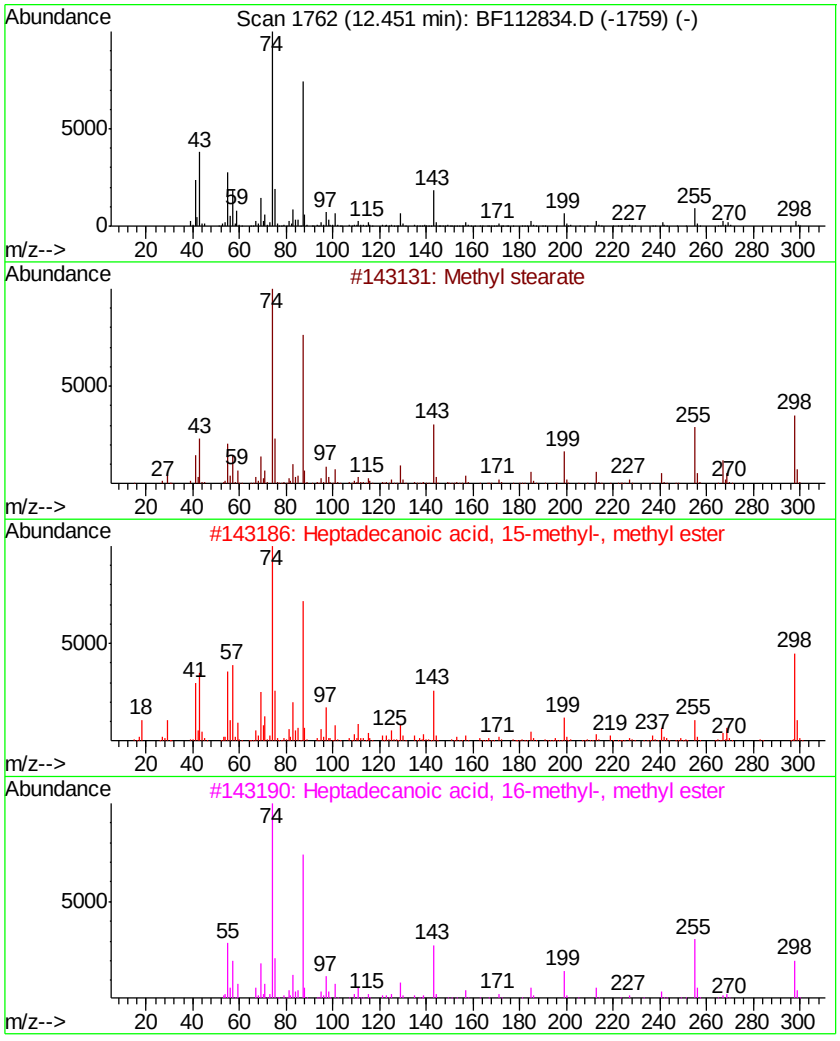
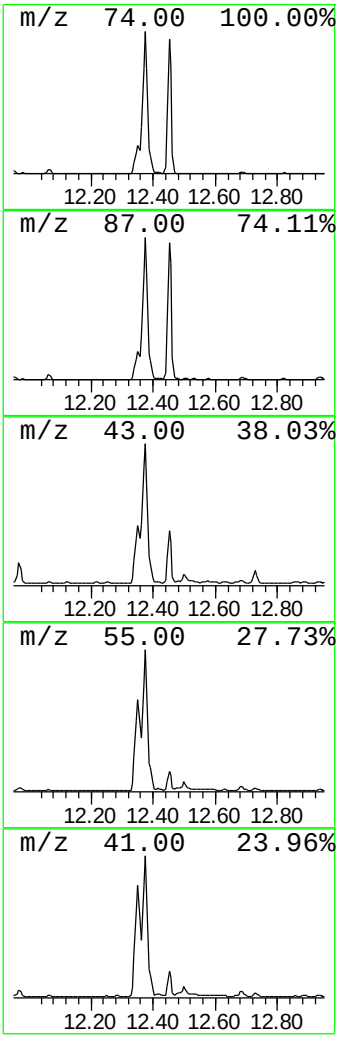
Peak Number 15 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	24.85 ng	1460150	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	93
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91





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Operator : JU/SJ
Sample : K1688-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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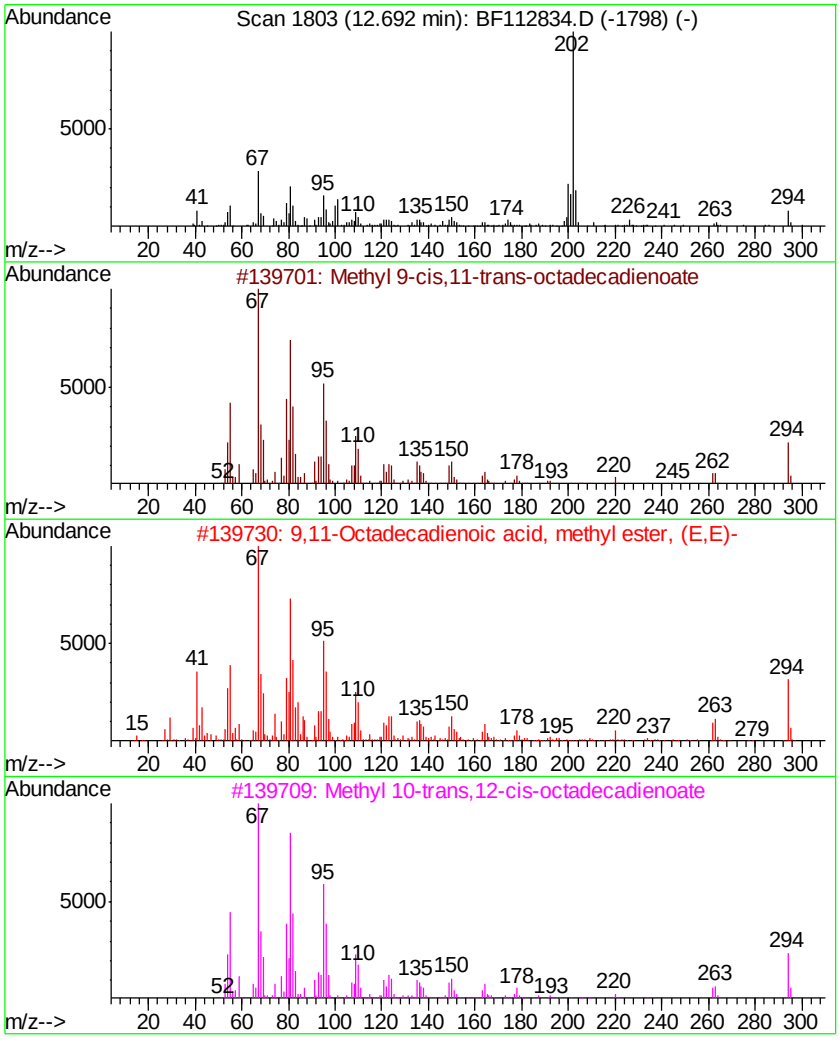
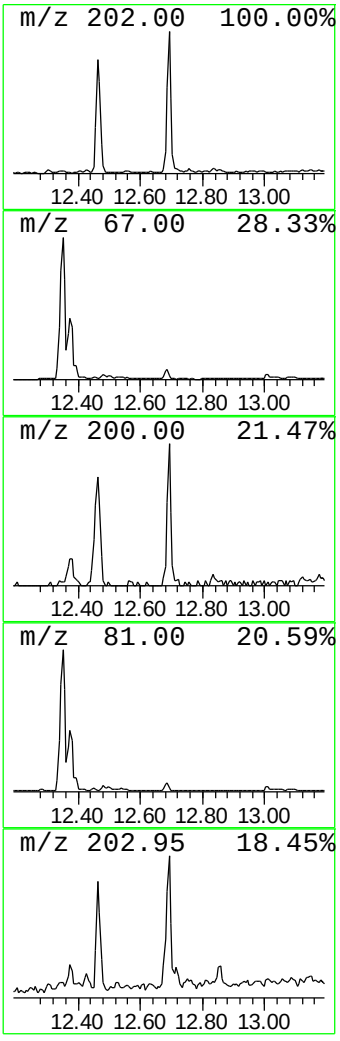
Peak Number 16 Methyl 9-cis,11-trans-octad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	7.89 ng	433748	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	93
2	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	92
3	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	89
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	81
5	Pyrene	202	C16H10	000129-00-0	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
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Acq On : 4 Mar 2019 19:45
Operator : JU/SJ
Sample : K1688-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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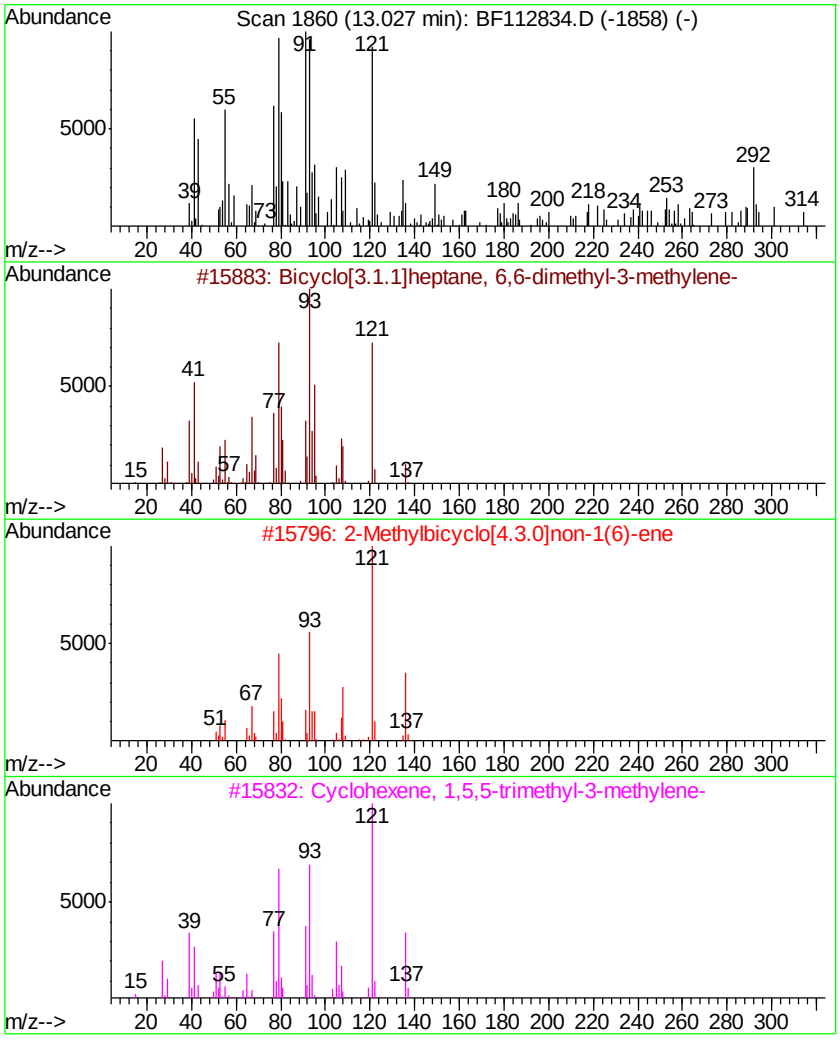
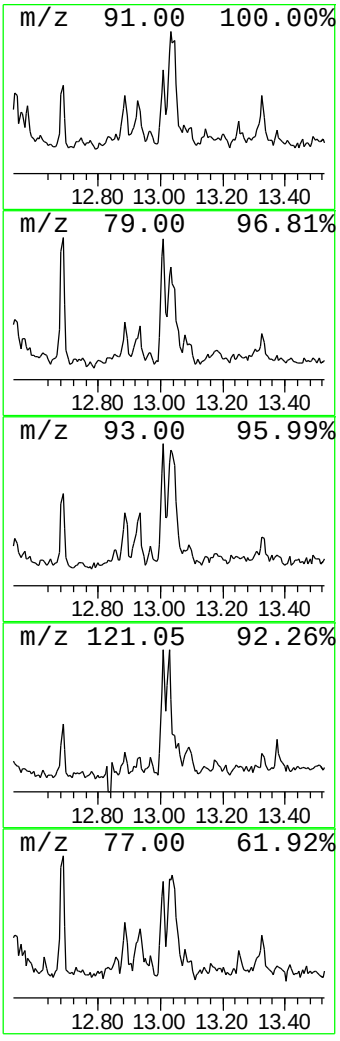
Peak Number 17 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	5.50 ng	302280	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	016022-04-1	74
2	2-Methylbicyclo[4.3.0]non-1(6)-ene	136	C10H16	060223-07-6	74
3	Cyclohexene, 1,5,5-trimethyl-3-m...	136	C10H16	016609-28-2	70
4	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	64
5	Dispiro[2.1.2.1]octane	108	C8H12	025399-32-0	46





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Acq On : 4 Mar 2019 19:45
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Sample : K1688-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-F

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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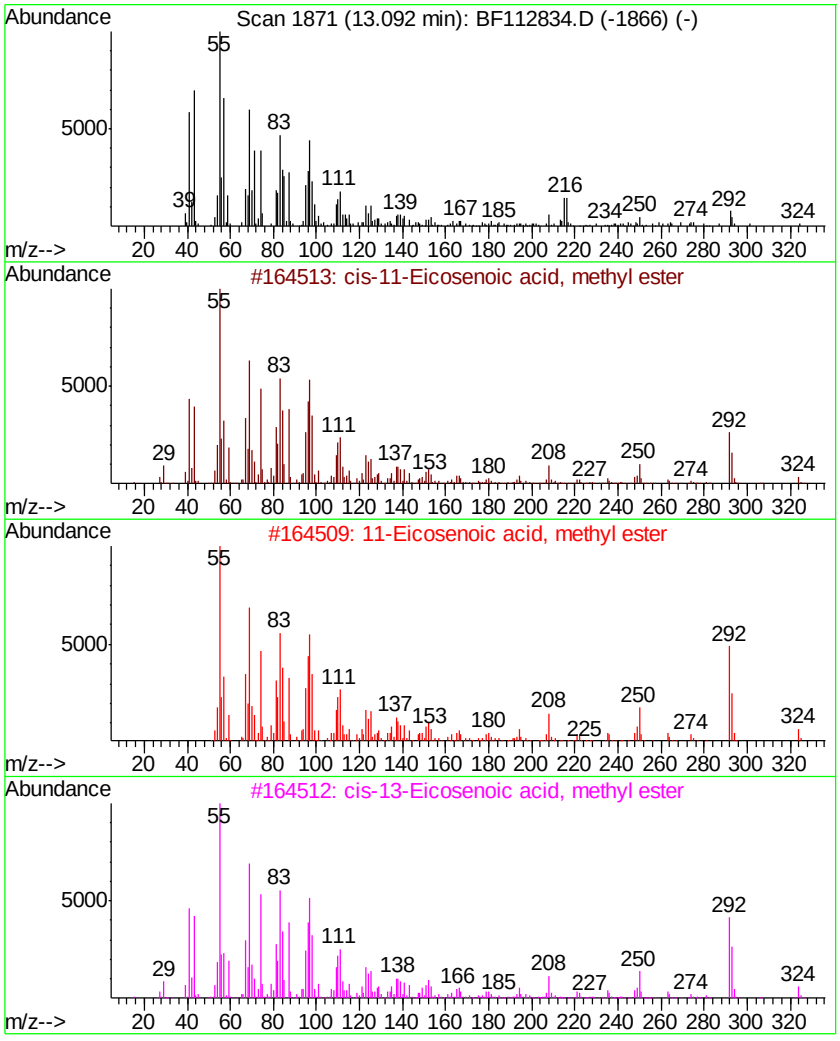
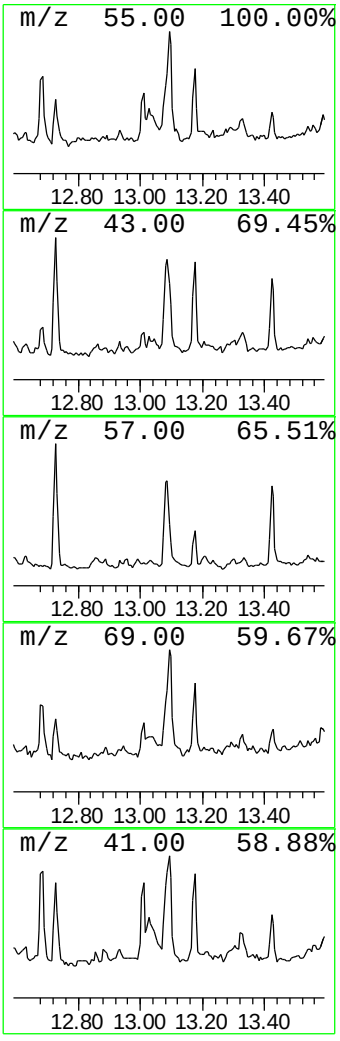
Peak Number 18 cis-11-Eicosenoic acid, met... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	8.37 ng	460130	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	99
2	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	99
3	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	93
4	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	87
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	87





Library Search Compound Report

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Data File : BF112834.D
Acq On : 4 Mar 2019 19:45
Operator : JU/SJ
Sample : K1688-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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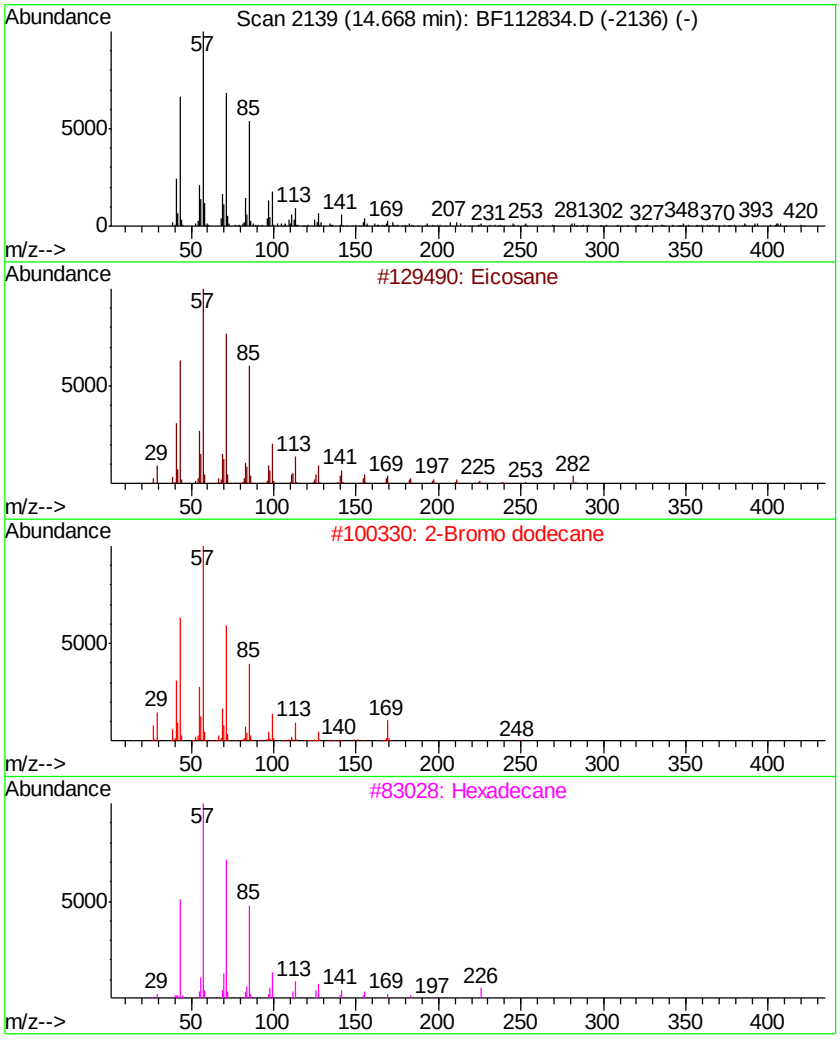
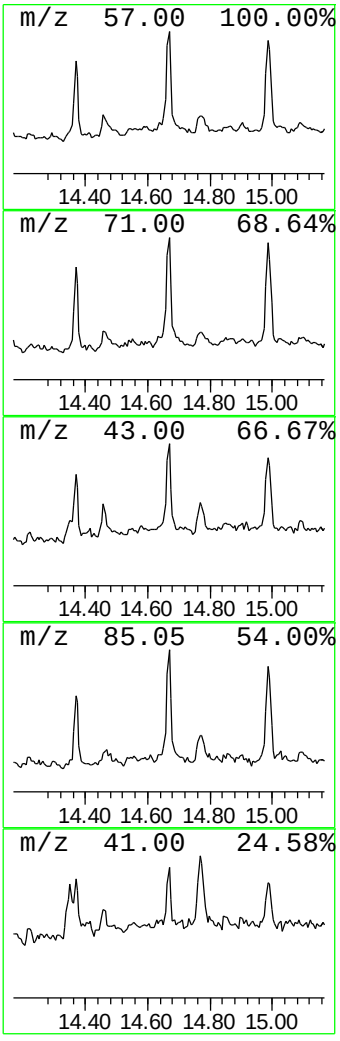
Peak Number 19 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	6.80 ng	239106	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-F

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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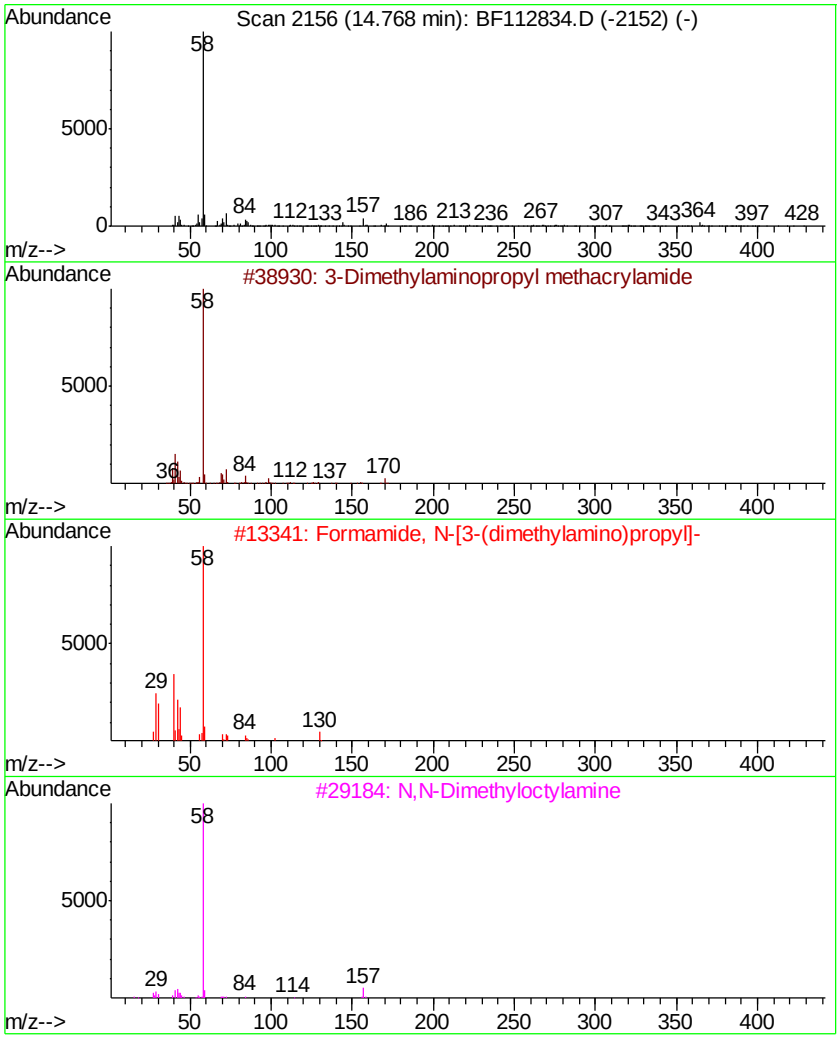
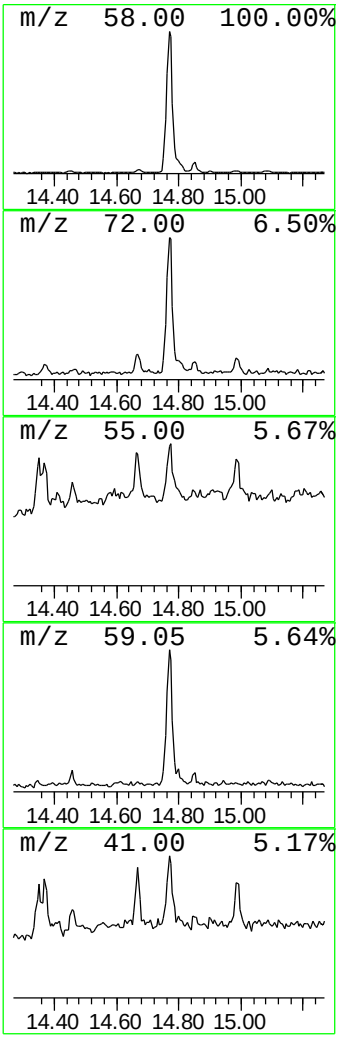
Peak Number 20 3-Dimethylaminopropyl metha... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	15.88 ng	558393	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Dimethylaminopropyl methacryla...	170	C9H18N2O	005205-93-6	72
2	Formamide, N-[3-(dimethylamino)p...	130	C6H14N2O	005922-69-0	72
3	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
4	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
5	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72





Tentatively Identified Compound (LSC) summary

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Operator : JU/SJ
Sample : K1688-11 5X
Misc :
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Instrument : BNA_F
ClientSampleId : JC-03-030119-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.51	6.51	21.8	ng	985778	1	6.75	906002	20.0
Undecane	7.36	6.5	ng	293526	1	6.75	906002	20.0
Tridecane	8.63	7.0	ng	559913	2	8.03	1612040	20.0
Tetradecane	9.20	8.9	ng	567494	3	9.77	1270200	20.0
unknown9.72	9.72	7.5	ng	478913	3	9.77	1270200	20.0
Hexadecane	10.22	6.7	ng	427877	3	9.77	1270200	20.0
Heneicosane	11.56	5.3	ng	312050	4	11.26	1175300	20.0
Hexadecanoic acid...	11.66	54.4	ng	3195380	4	11.26	1175300	20.0
9,12-Octadecadien...	12.35	138.7	ng	8147580	4	11.26	1175300	20.0
8-Octadecenoic ac...	12.37	146.0	ng	8578480	4	11.26	1175300	20.0
Methyl stearate	12.45	24.9	ng	1460150	4	11.26	1175300	20.0
Methyl 9-cis,11-t...	12.69	7.9	ng	433748	5	13.89	1099420	20.0
Bicyclo[3.1.1]hep...	13.03	5.5	ng	302280	5	13.89	1099420	20.0
cis-11-Eicosenoic...	13.09	8.4	ng	460130	5	13.89	1099420	20.0
Eicosane	14.67	6.8	ng	239106	6	15.30	703324	20.0
3-Dimethylaminopr...	14.77	15.9	ng	558393	6	15.30	703324	20.0