LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112833.D
Acq On : 4 Mar 2019 19:18
Operator : JU/SJ
Sample : K1688-09 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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	551	554	566	rVB	860570	845906	9.71%	1.909%
2	6.369	725	728	736	rVB	961231	899176	10.33%	2.030%
3	6.510	748	752	758	rBV	1131054	961917	11.05%	2.171%
4	6.745	788	792	796	rBV	1135398	933094	10.71%	2.106%
5	6.904	815	819	822	rBV	776715	697909	8.01%	1.575%
6	7.298	881	886	891	rBV	561398	597628	6.86%	1.349%
7	7.357	894	896	899	rVB	205907	154134	1.77%	0.348%
8	7.557	926	930	935	rVB3	73283	104839	1.20%	0.237%
9	7.769	961	966	968	rBV3	92775	128362	1.47%	0.290%
10	7.792	968	970	974	rVB2	86392	100594	1.16%	0.227%
11	8.028	1006	1010	1013	rBV	1721044	1449577	16.65%	3.272%
12	8.328	1056	1061	1064	rBV5	98849	141531	1.63%	0.319%
13	8.416	1074	1076	1079	rBV2	126298	122023	1.40%	0.275%
14	8.463	1082	1084	1089	rVV3	144195	163923	1.88%	0.370%
15	8.533	1093	1096	1100	rBV2	162467	166895	1.92%	0.377%
16	8.633	1109	1113	1116	rBV	568319	465357	5.34%	1.050%
17	8.727	1127	1129	1136	rVB3	84006	117731	1.35%	0.266%
18	8.851	1144	1150	1153	rBV3	139394	168410	1.93%	0.380%
19	9.033	1178	1181	1184	rBV2	77270	94353	1.08%	0.213%
20	9.063	1184	1186	1189	rVB2	151467	129633	1.49%	0.293%
21	9.098	1189	1192	1198	rBV	970990	941951	10.82%	2.126%
22	9.198	1205	1209	1212	rBV	553479	472690	5.43%	1.067%
23	9.257	1214	1219	1221	rVB2	78627	91192	1.05%	0.206%
24	9.363	1232	1237	1243	rBV6	63905	144180	1.66%	0.325%
25	9.516	1257	1263	1265	rBV3	155738	234257	2.69%	0.529%
26	9.722	1296	1298	1302	rBV	525116	409383	4.70%	0.924%
27	9.774	1302	1307	1311	rBV	1220762	1269993	14.58%	2.867%
28	9.957	1334	1338	1341	rBV3	73141	133780	1.54%	0.302%
29	10.045	1350	1353	1357	rVB3	109415	116694	1.34%	0.263%
30	10.222	1376	1383	1386	rBV	543415	461318	5.30%	1.041%
31	10.439	1416	1420	1423	rBV	144431	169401	1.95%	0.382%
32	10.557	1437	1440	1445	rBV	681484	651965	7.49%	1.472%
33	10.692	1460	1463	1471	rBV	523293	538594	6.18%	1.216%
34	11.139	1536	1539	1542	rBV	421415	345389	3.97%	0.780%

LSC Area Percent Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.169	1542	1544	1550	rVB	156815	155711	1.79%	0.351%
36	11.257	1555	1559	1561	rBV	1347842	1154265	13.25%	2.605%
37	11.280	1561	1563	1566	rVV	222912	177017	2.03%	0.400%
38	11.563	1608	1611	1613	rBV	339225	288135	3.31%	0.650%
39	11.586	1613	1615	1618	rVB	145720	113470	1.30%	0.256%
40	11.663	1624	1628	1631	rBV	3608616	3020007	34.68%	6.817%
41	11.792	1647	1650	1654	rBV3	158207	153633	1.76%	0.347%
42	11.868	1659	1663	1665	rBV2	71561	94289	1.08%	0.213%
43	11.968	1675	1680	1689	rVB	307657	319452	3.67%	0.721%
44	12.063	1694	1696	1703	rVB4	68796	89277	1.03%	0.202%
45	12.351	1740	1745	1746	rBV	6061985	6452258	74.09%	14.564%
46	12.374	1746	1749	1754	rVV	7839932	8708365	100.00%	19.657%
47	12.415	1754	1756	1759	rVB2	119465	98588	1.13%	0.223%
48	12.451	1759	1762	1768	rBV2	1588687	1649319	18.94%	3.723%
49	12.498	1768	1770	1774	rVB	314679	259238	2.98%	0.585%
50	12.686	1798	1802	1806	rVB2	487944	526908	6.05%	1.189%
51	12.727	1806	1809	1813	rBV	216292	187006	2.15%	0.422%
52	12.839	1824	1828	1831	rBV	935856	864944	9.93%	1.952%
53	13.010	1854	1857	1858	rBV	208916	194388	2.23%	0.439%
54	13.027	1858	1860	1866	rVV4	166313	256501	2.95%	0.579%
55	13.092	1866	1871	1874	rVB2	282847	428749	4.92%	0.968%
56	13.174	1882	1885	1888	rBV	278929	240203	2.76%	0.542%
57	13.327	1908	1911	1915	rVB3	112923	125408	1.44%	0.283%
58	13.421	1925	1927	1931	rBV	158176	140016	1.61%	0.316%
59	13.592	1953	1956	1959	rVB2	146444	188171	2.16%	0.425%
60	13.751	1980	1983	1985	rBV	131350	118690	1.36%	0.268%
61	13.839	1995	1998	2001	rBV	205315	194356	2.23%	0.439%
62	13.886	2002	2006	2008	rVV	1202954	1160223	13.32%	2.619%
63	14.068	2034	2037	2041	rVB	151329	139958	1.61%	0.316%
64	14.351	2082	2085	2086	rBV2	129151	141036	1.62%	0.318%
65	14.368	2086	2088	2091	rVB	200638	172004	1.98%	0.388%
66	14.668	2136	2139	2145	rVB	222130	276241	3.17%	0.624%
67	14.768	2153	2156	2161	rBV	261366	354113	4.07%	0.799%
68	14.986	2191	2193	2201	rVB2	221656	255116	2.93%	0.576%
69	15.298	2242	2246	2250	rVV	630215	732718	8.41%	1.654%
70	15.345	2252	2254	2259	rVB	212989	232173	2.67%	0.524%
71	15.756	2321	2324	2329	rVB2	167605	216769	2.49%	0.489%

LSC Area Percent Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Sum of corrected areas: 44302494

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
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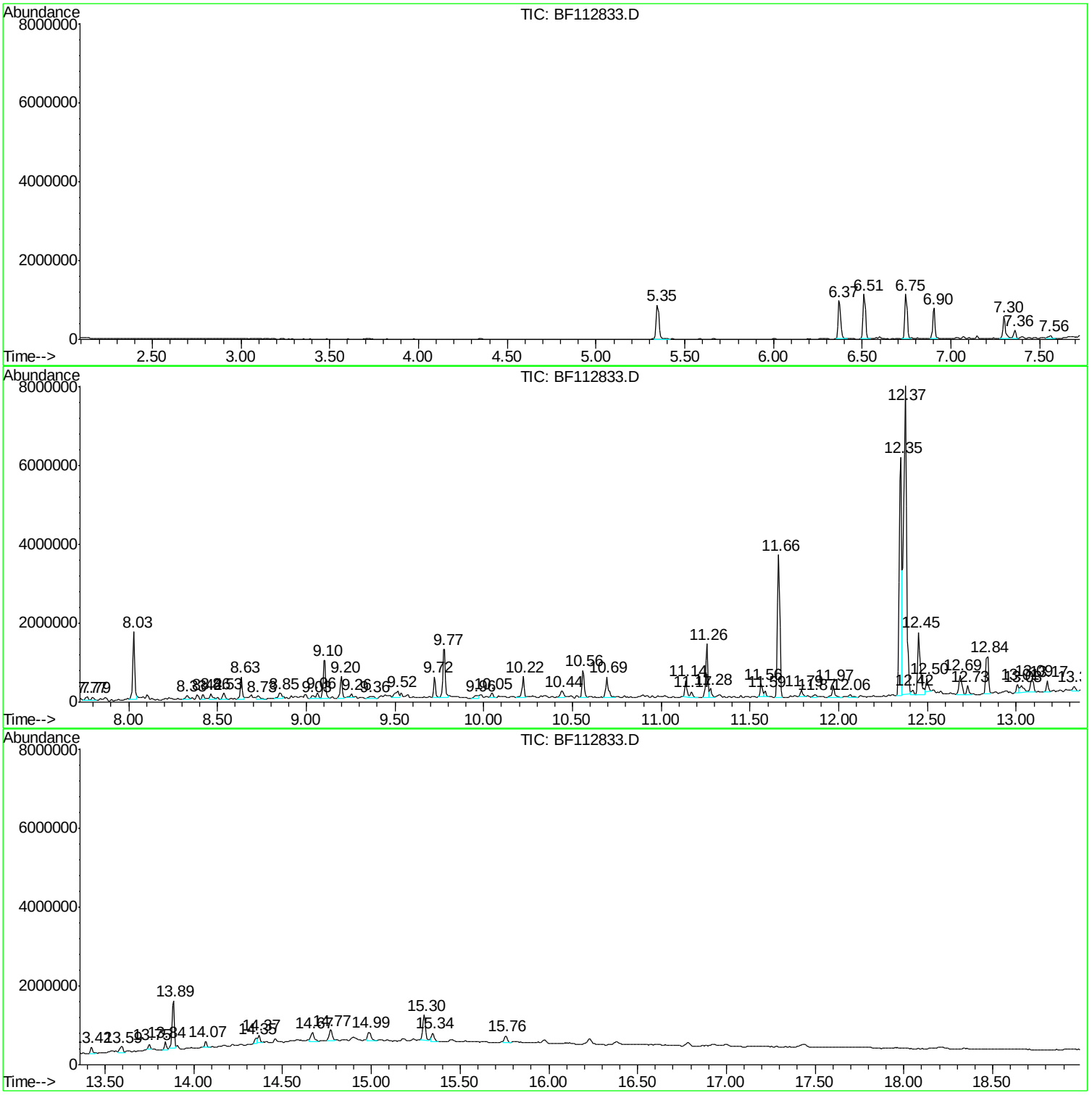
Operator : JU/SJ
Sample : K1688-09 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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 : BF112833.D
Acq On : 4 Mar 2019 19:18
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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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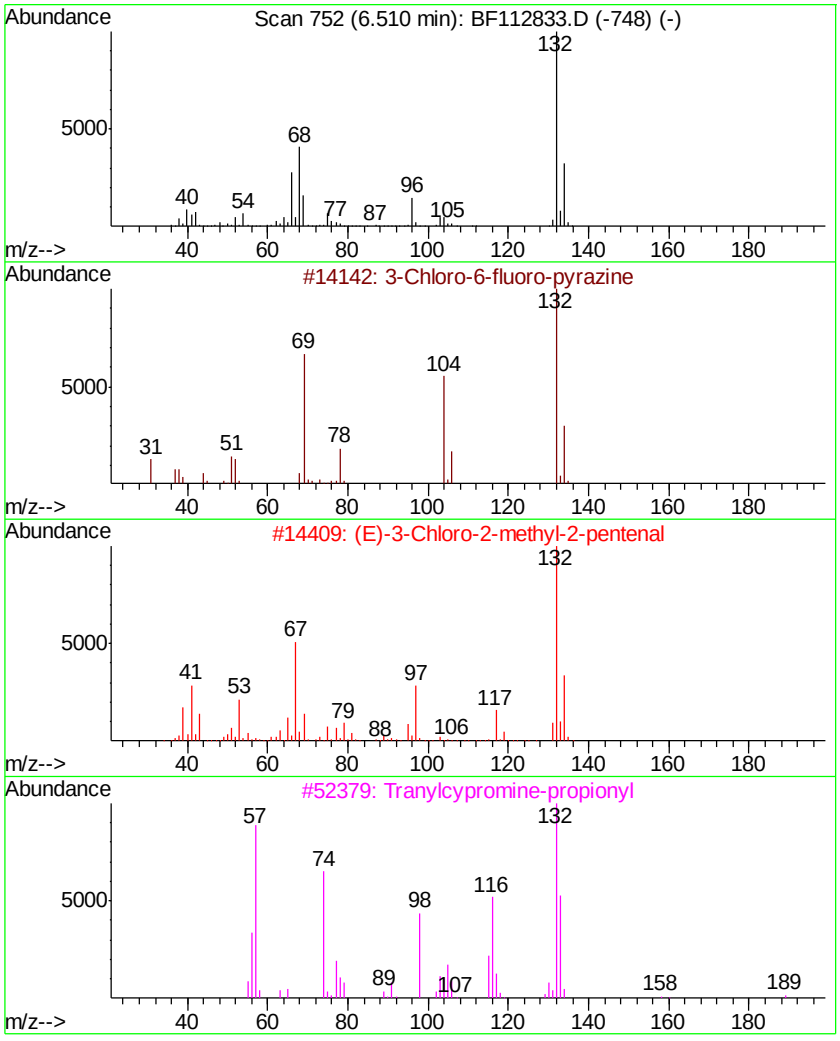
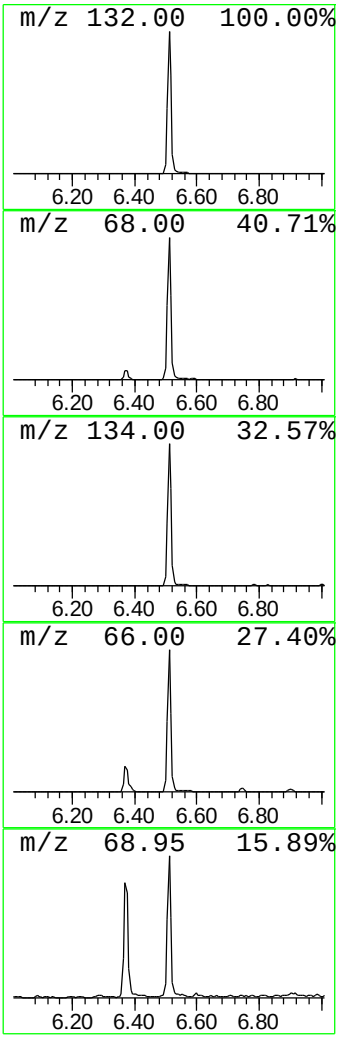
Peak Number 1 unknown6.51 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	20.62 ng	961917	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	17
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	Xenon	132	Xe	007440-63-3	9





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Sample : K1688-09 5X
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Instrument : BNA_F
ClientSampleId : JC-03-030119-E

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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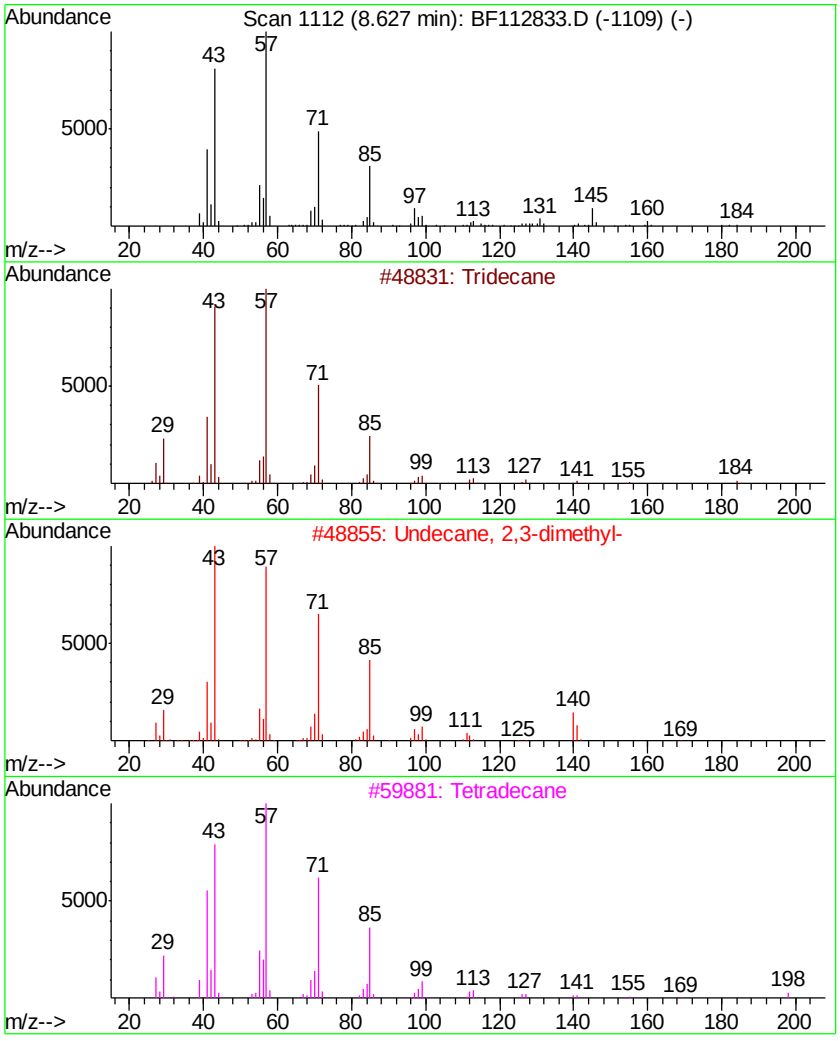
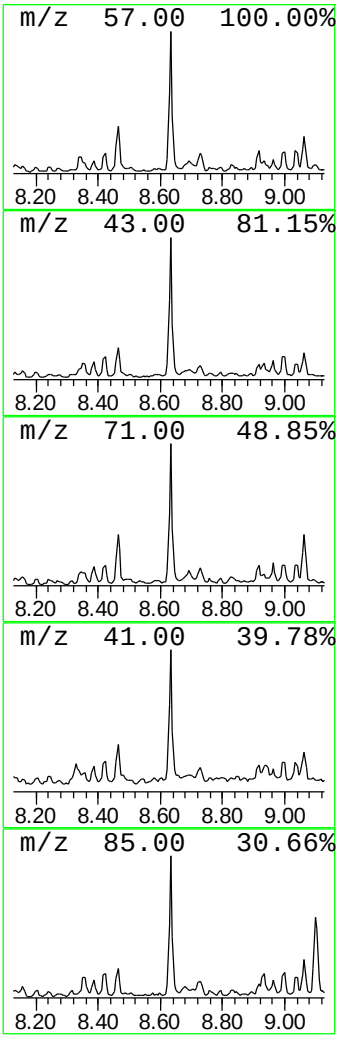
Peak Number 3 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	6.42 ng	465357	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
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Sample : K1688-09 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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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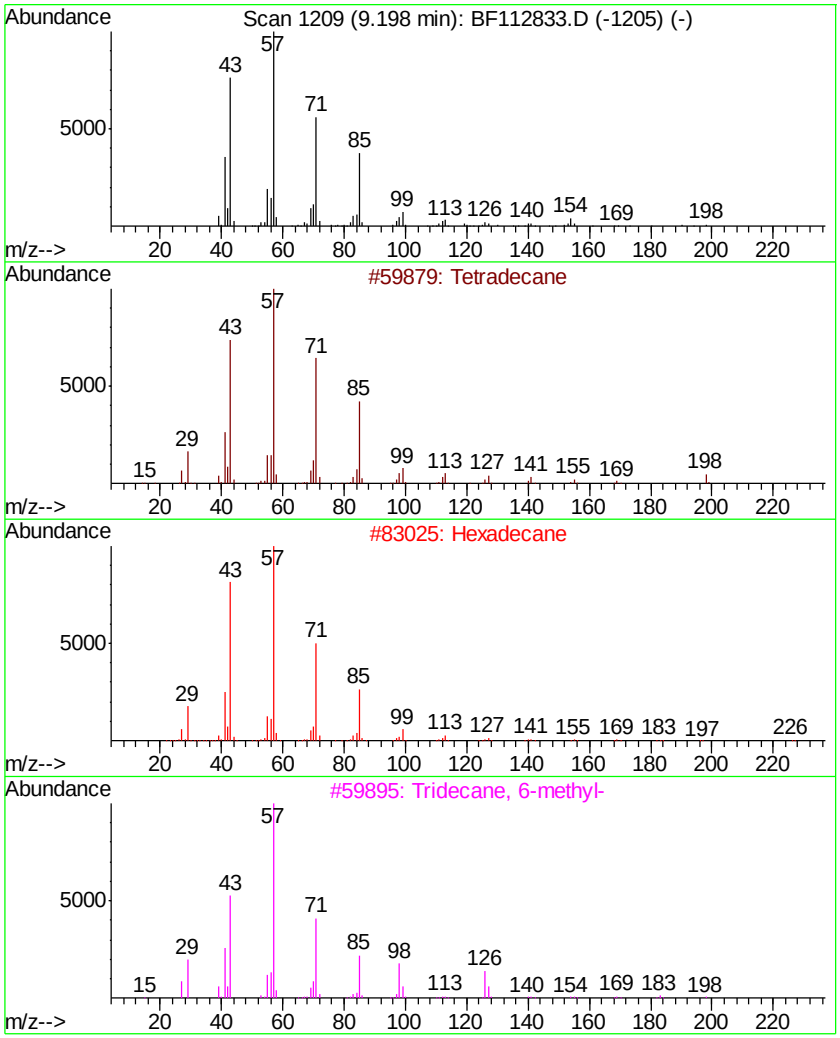
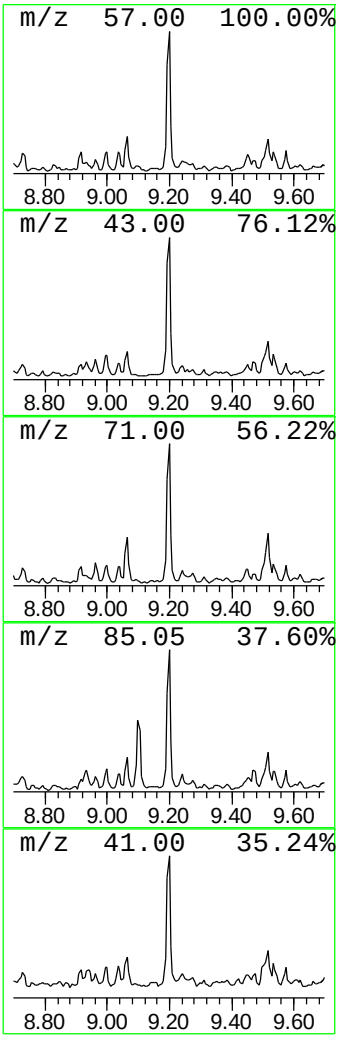
Peak Number 4 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	7.44 ng	472690	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
4	Tridecane	184	C13H28	000629-50-5	80
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





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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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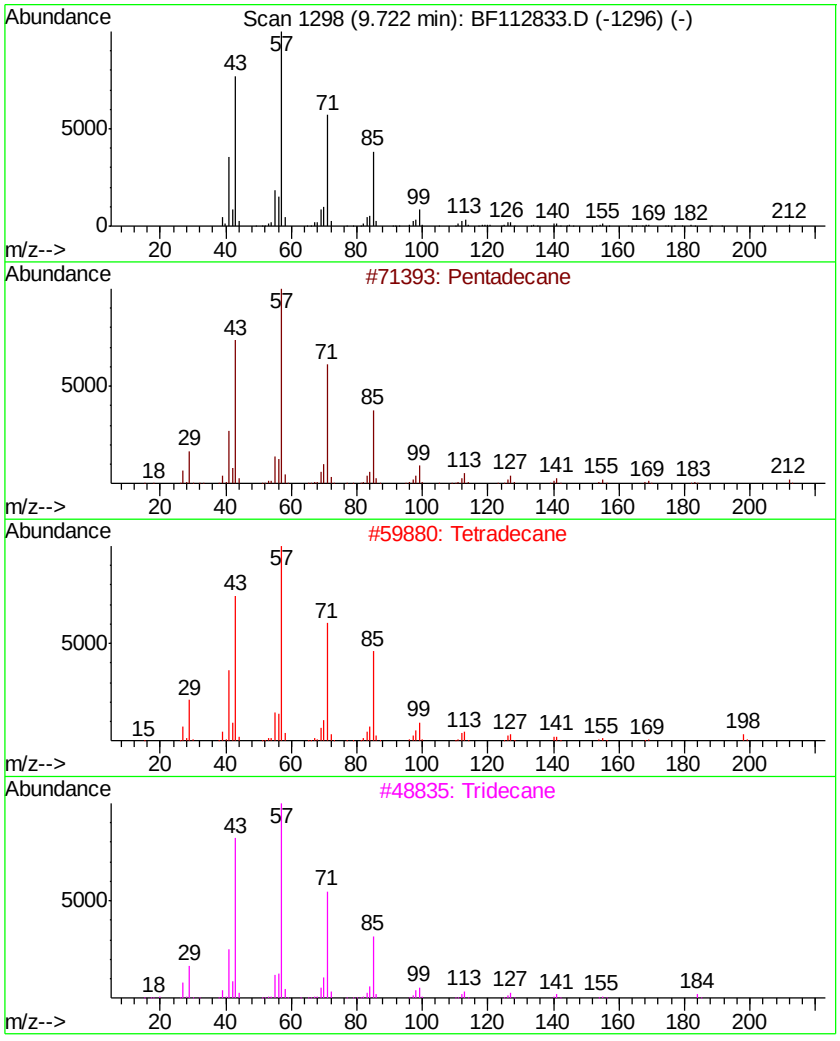
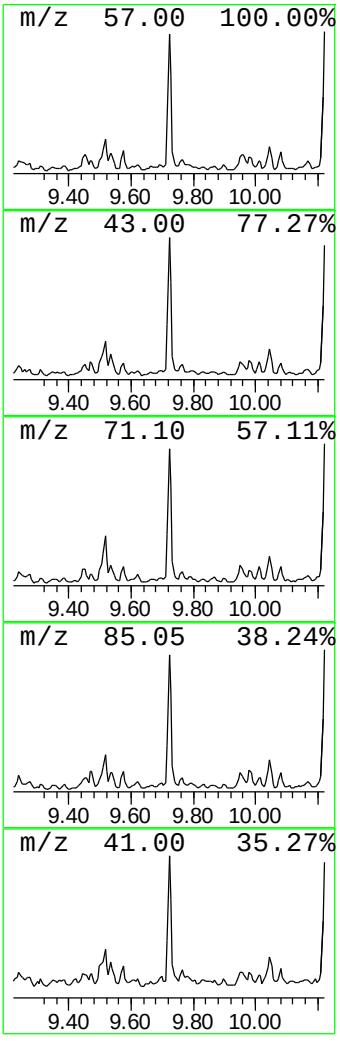
Peak Number 5 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	6.45 ng	409383	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72





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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
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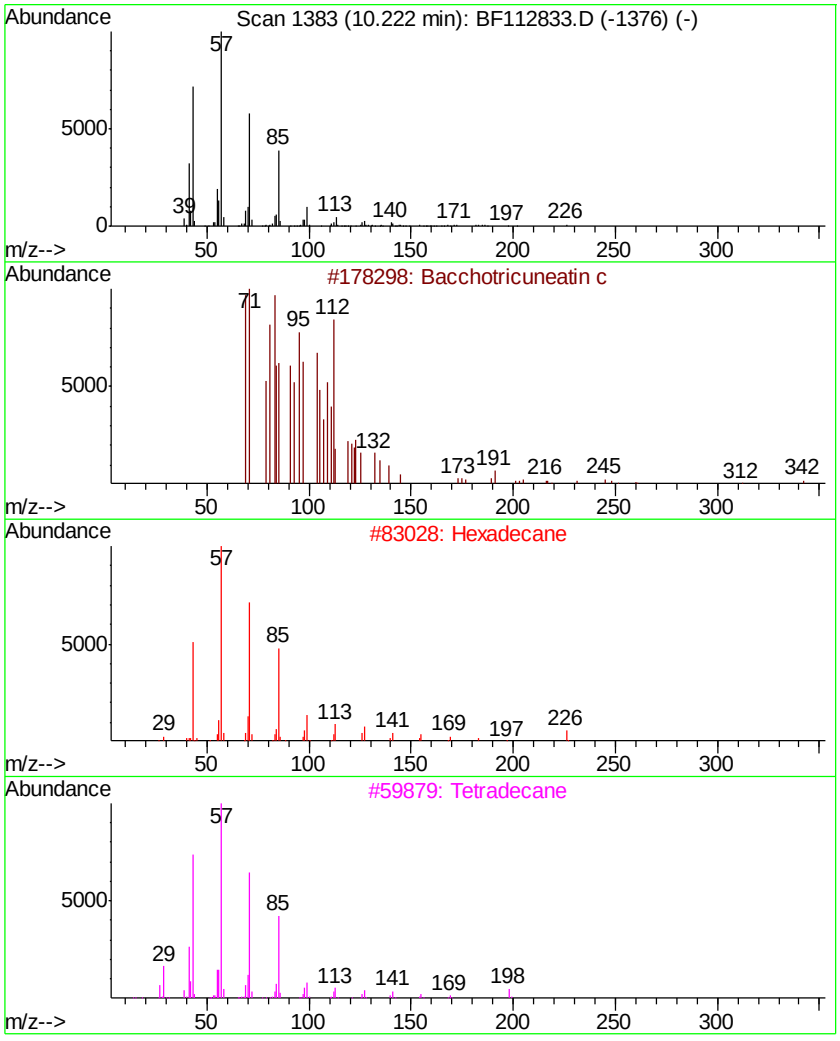
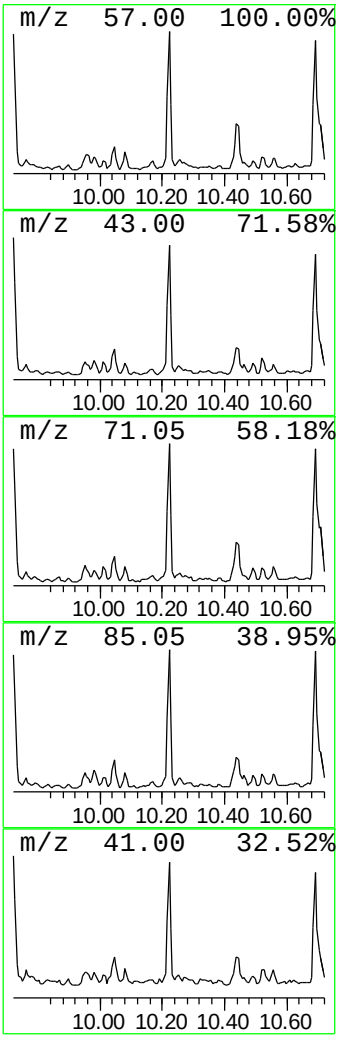
Peak Number 6 Bacchotricuneatin c Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	7.26 ng	461318	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2	Hexadecane	226	C16H34	000544-76-3	94
3	Tetradecane	198	C14H30	000629-59-4	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Heptadecane	240	C17H36	000629-78-7	83





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Sample : K1688-09 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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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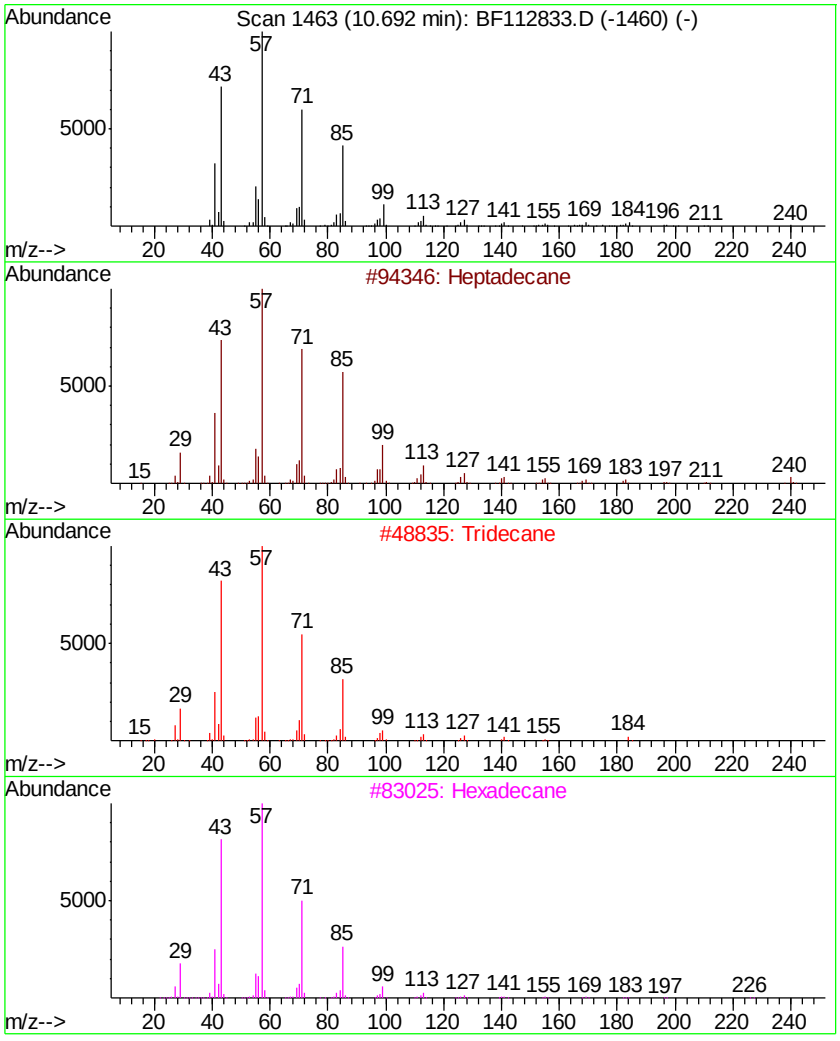
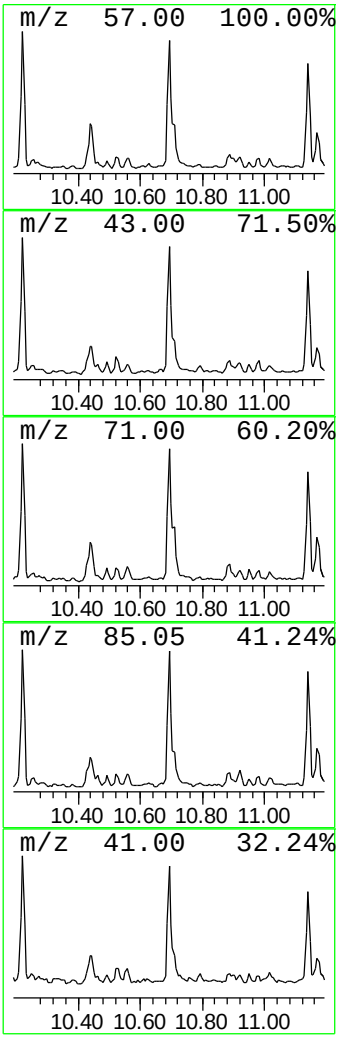
Peak Number 7 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	9.33 ng	538594	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane	184	C13H28	000629-50-5	95
3	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Heneicosane	296	C21H44	000629-94-7	90





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

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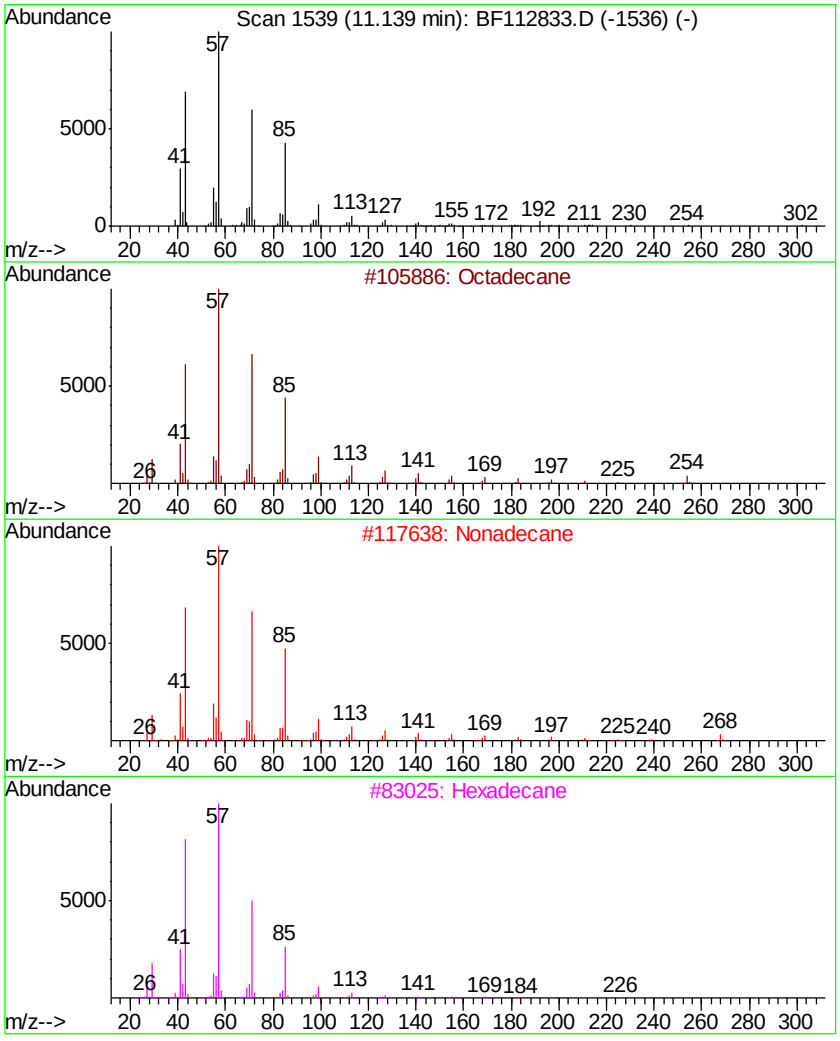
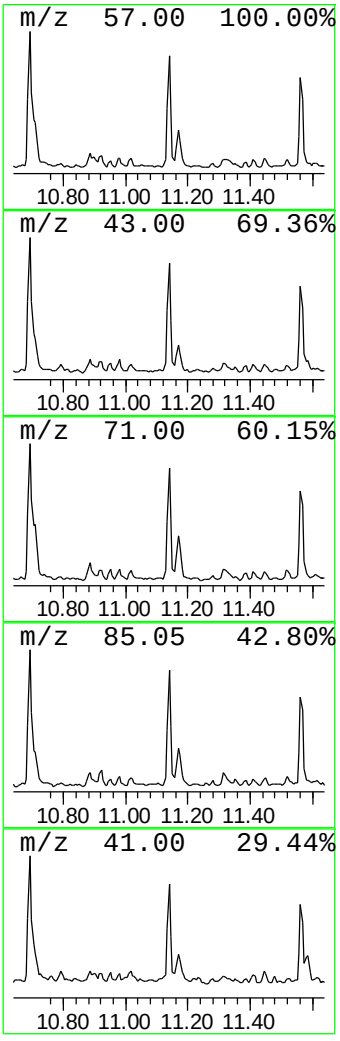
Peak Number 8 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	5.98 ng	345389	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Tetradecane	198	C14H30	000629-59-4	86





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Data File : BF112833.D
Acq On : 4 Mar 2019 19:18
Operator : JU/SJ
Sample : K1688-09 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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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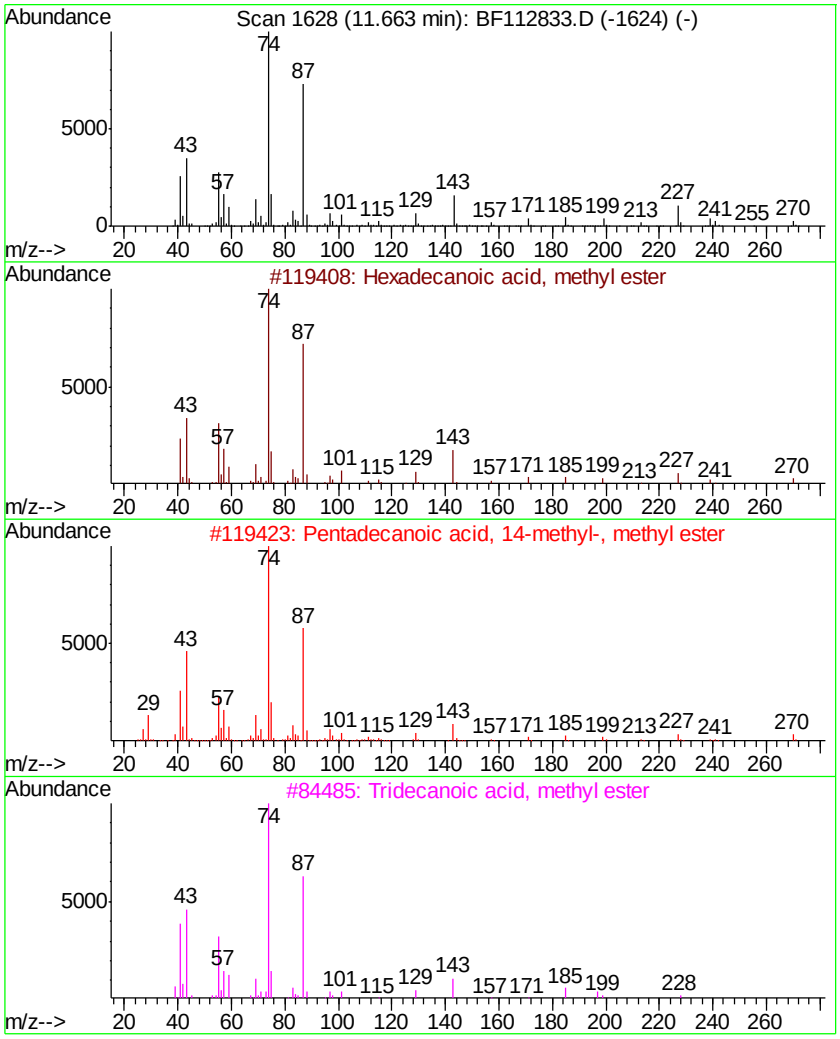
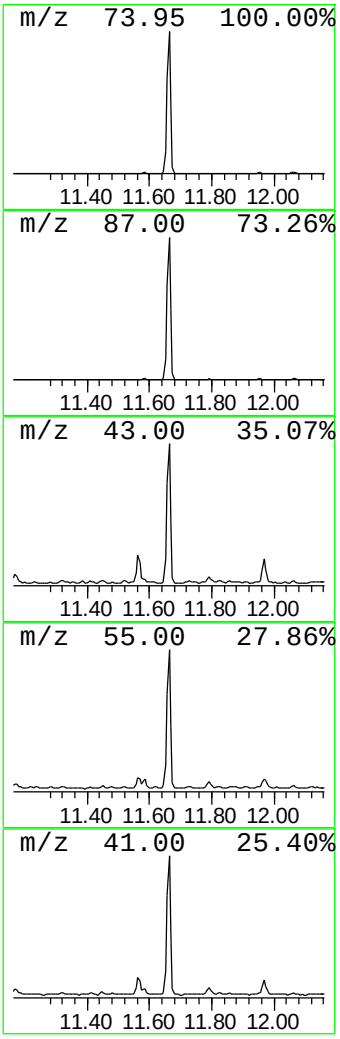
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	52.33 ng	3020010	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	97
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83





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Sample : K1688-09 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

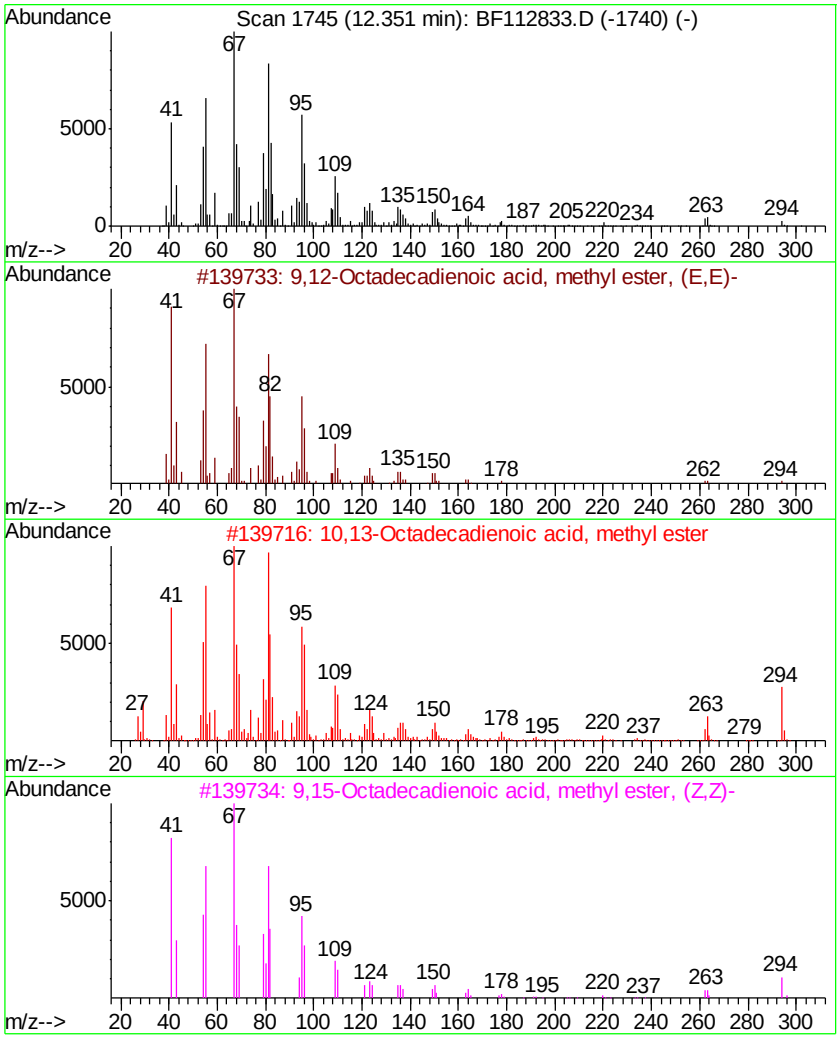
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

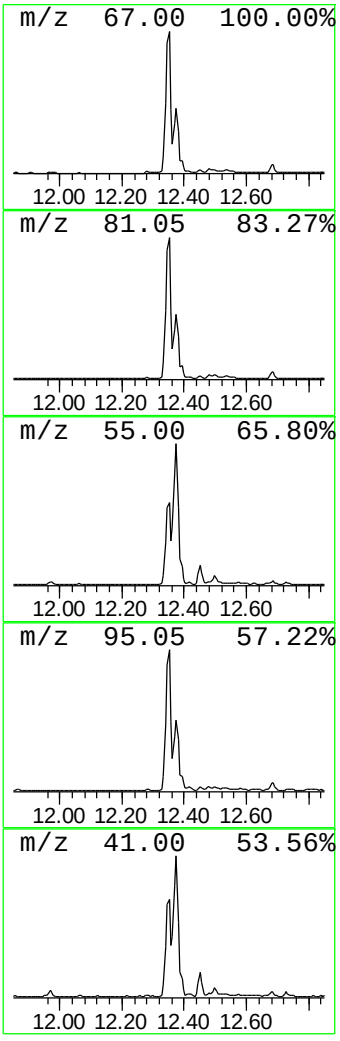
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	111.80 ng	6452260	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	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 (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





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Sample : K1688-09 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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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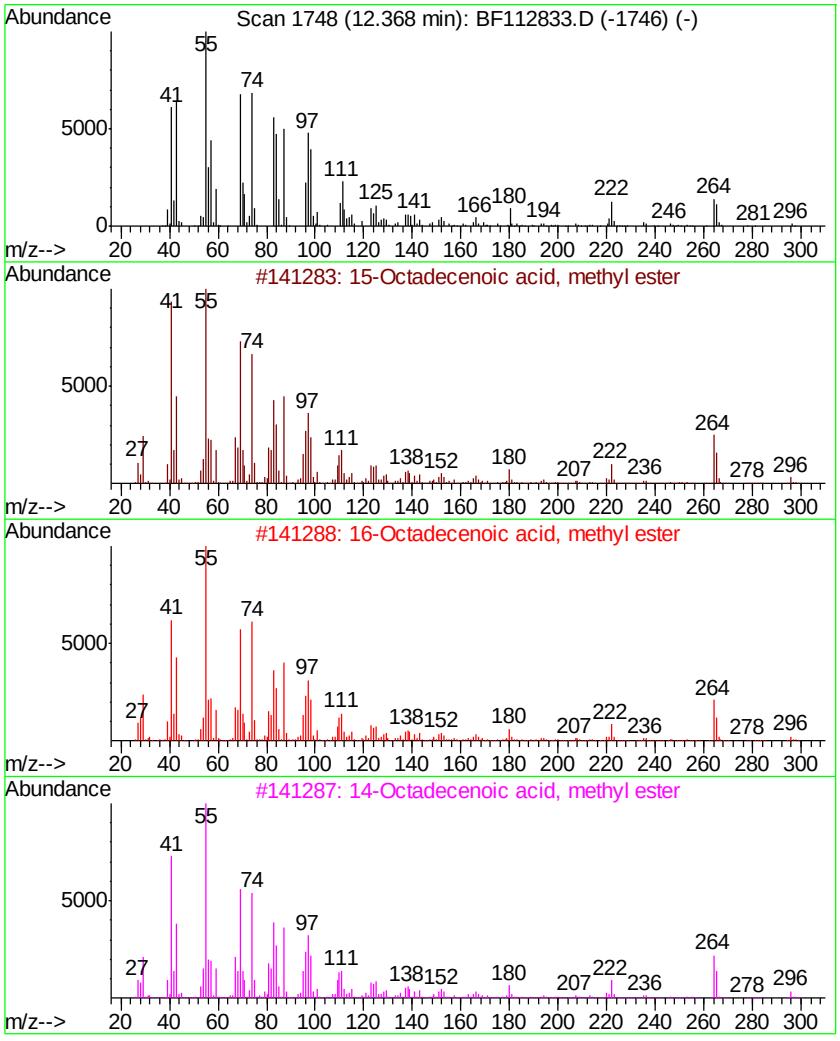
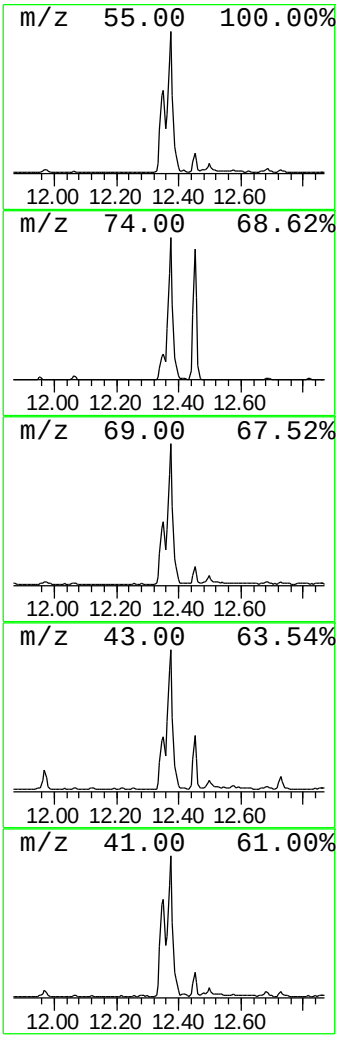
Peak Number 13 15-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	150.89 ng	8708370	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	98
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	96
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	94
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	93





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Operator : JU/SJ
Sample : K1688-09 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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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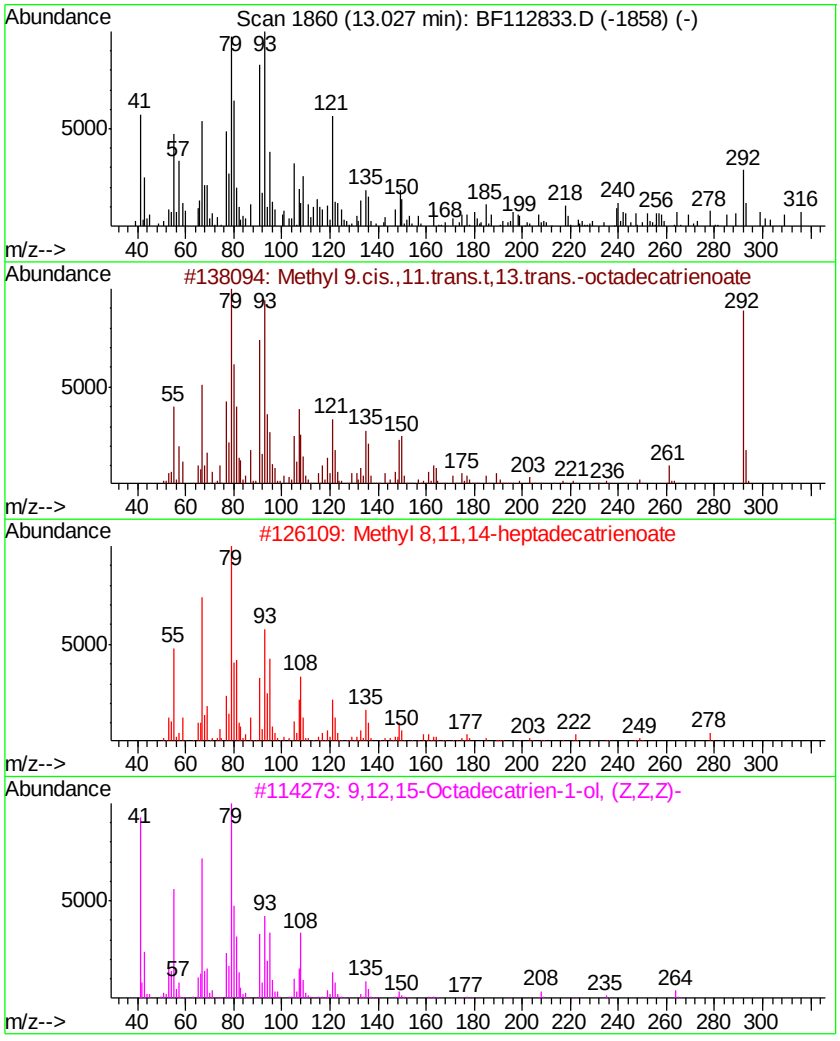
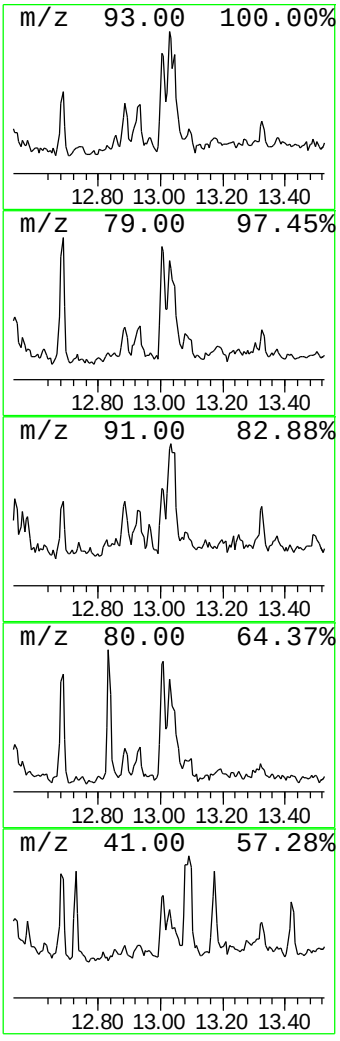
Peak Number 14 Methyl 9.cis.,11.trans.t,13... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	4.42 ng	256501	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	91
2	Methyl 8,11,14-heptadecatrienoate	278	C18H30O2	1000336-35-1	70
3	9,12,15-Octadecatrien-1-ol, (Z,Z...	264	C18H32O	000506-44-5	64
4	Cyclobutane, 2-ethylidene-1-vinyl-	108	C8H12	1000150-32-4	52
5	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	49





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Operator : JU/SJ
Sample : K1688-09 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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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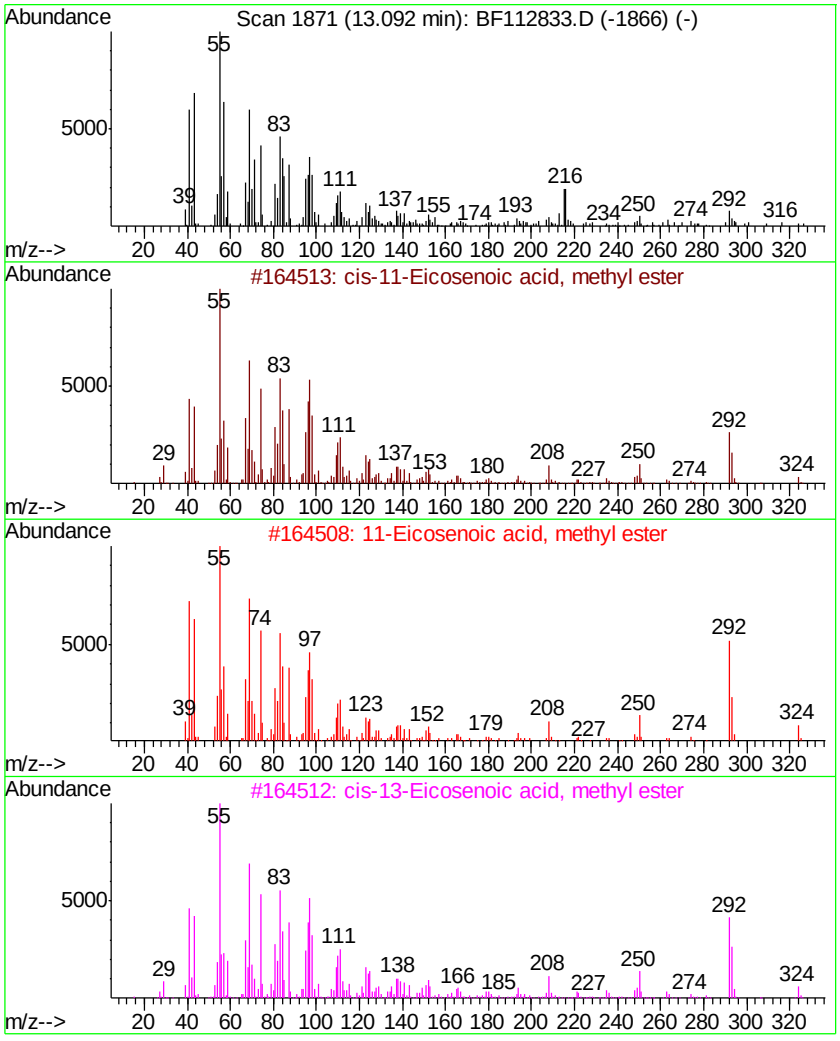
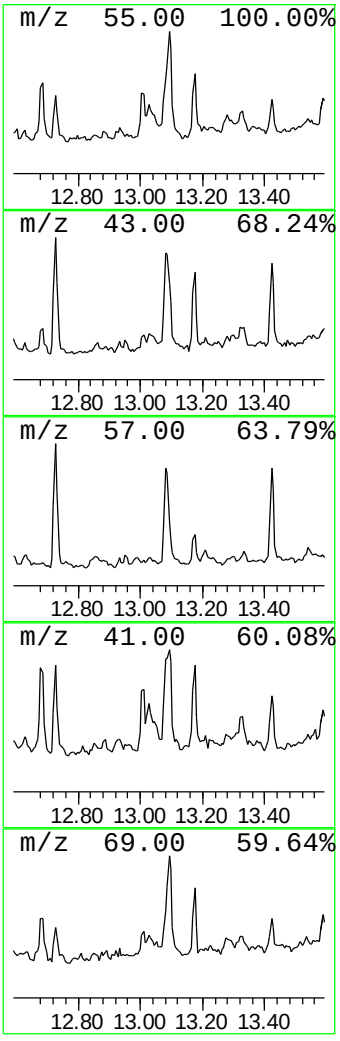
Peak Number 15 cis-11-Eicosenoic acid, met... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	7.39 ng	428749	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	98
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	81
5	Cyclopropanedecanoic acid, 2-hex...	310	C20H38O2	005965-63-9	81





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Acq On : 4 Mar 2019 19:18
Operator : JU/SJ
Sample : K1688-09 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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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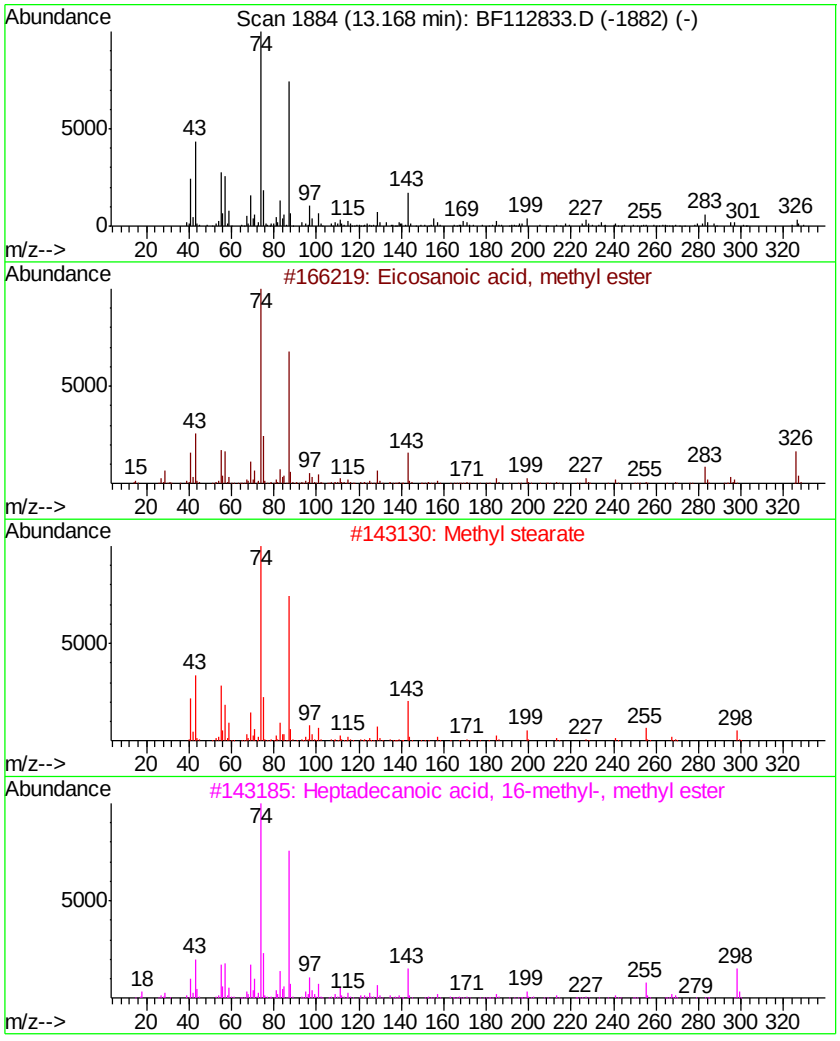
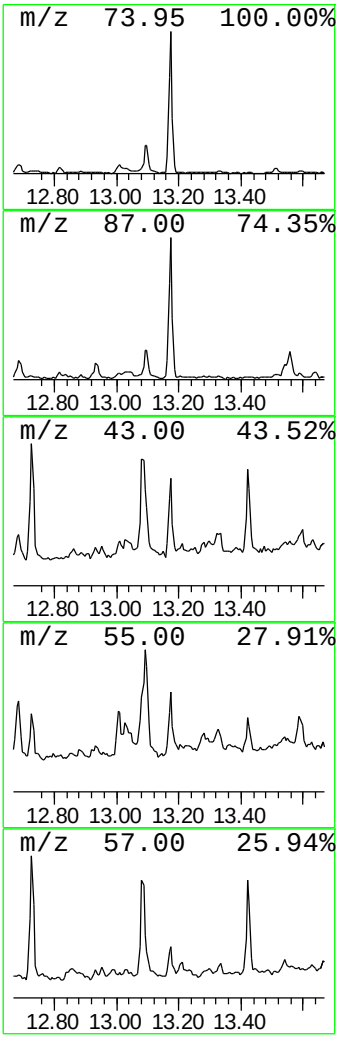
Peak Number 16 Eicosanoic acid, methyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	4.14 ng	240203	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	95
2	Methyl stearate	298	C19H38O2	000112-61-8	94
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
4	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	93
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93





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Operator : JU/SJ
Sample : K1688-09 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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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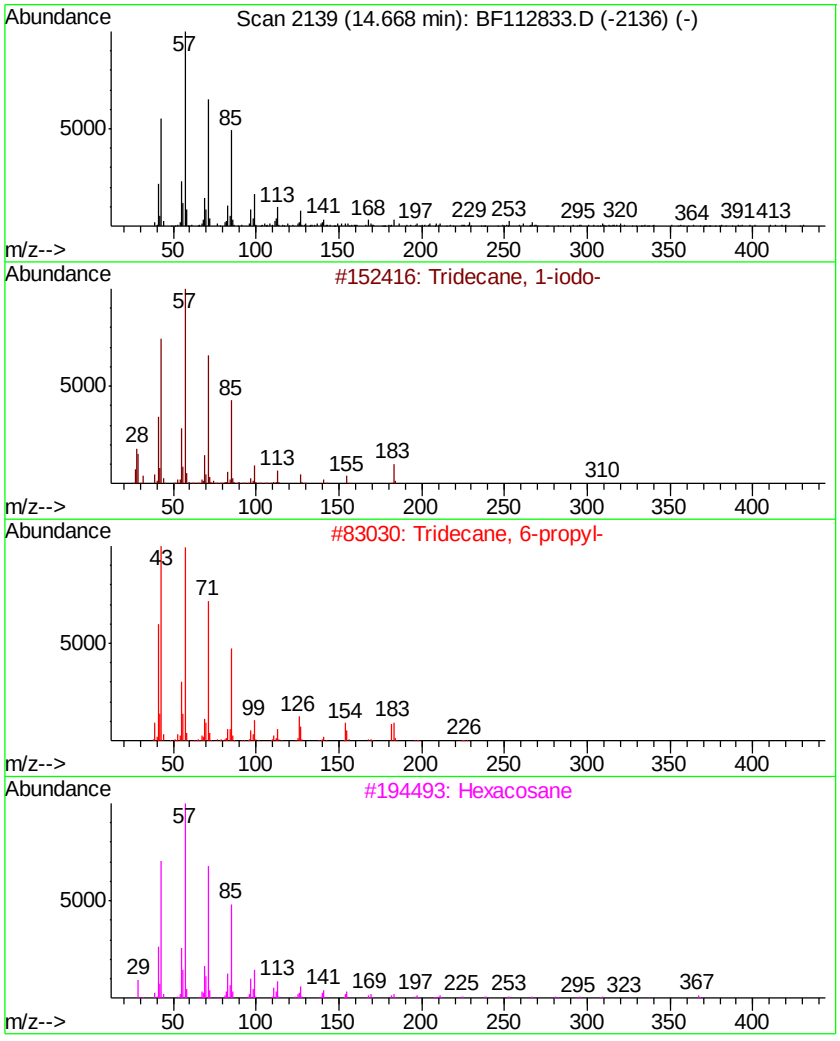
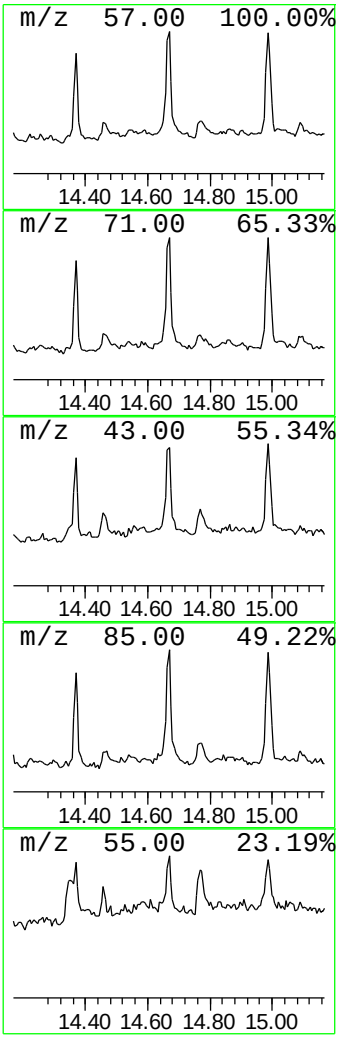
Peak Number 17 Tridecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	7.54 ng	276241	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Pentacosane	352	C25H52	000629-99-2	87
5	Tetracosane	338	C24H50	000646-31-1	87





Library Search Compound Report

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Data File : BF112833.D
Acq On : 4 Mar 2019 19:18
Operator : JU/SJ
Sample : K1688-09 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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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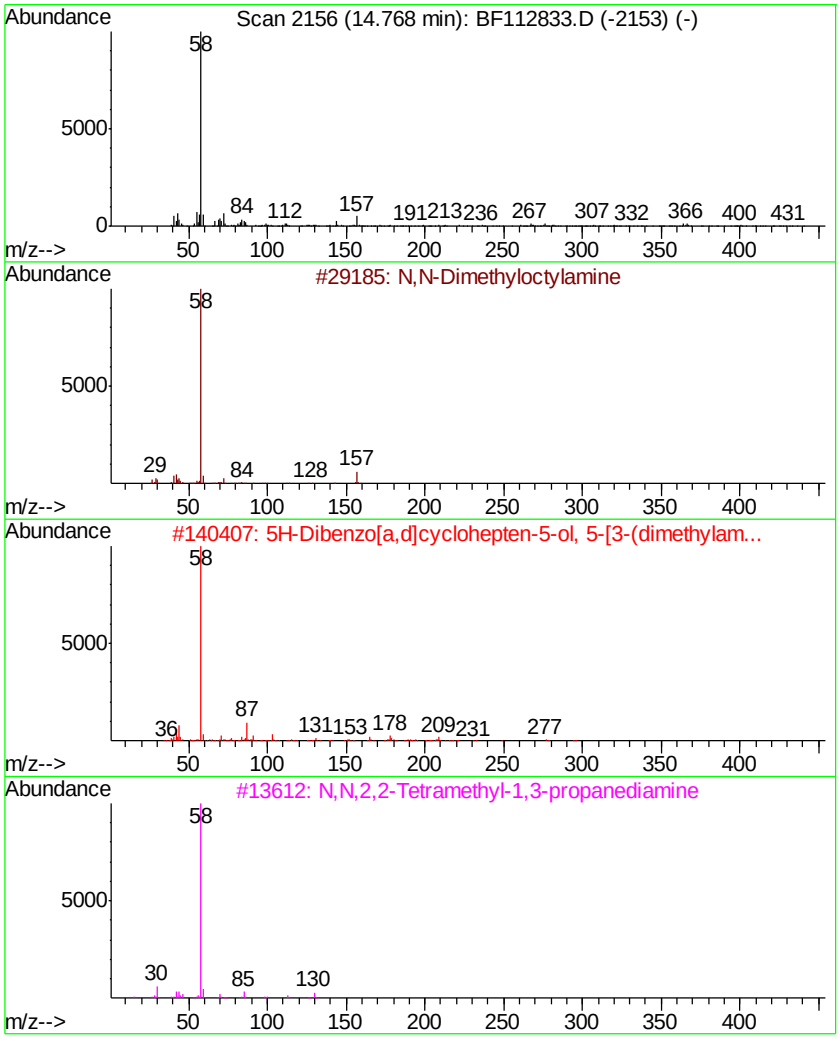
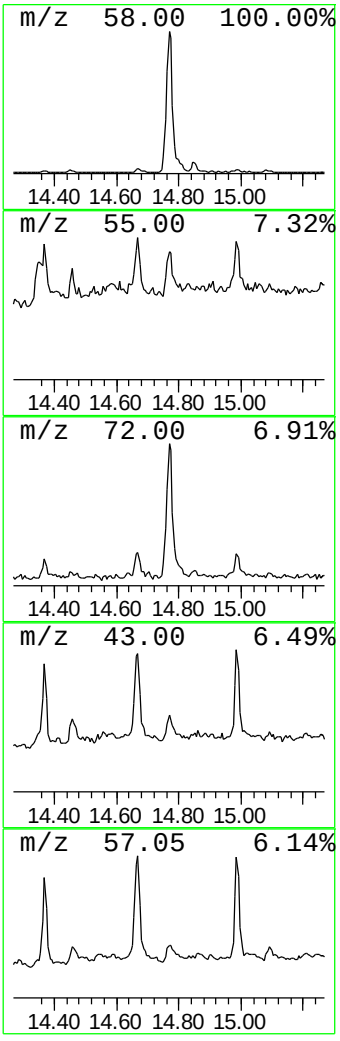
Peak Number 18 N,N-Dimethyloctylamine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	9.67 ng	354113	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
2	5H-Dibenzo[a,d]cyclohepten-5-ol,...	295	C20H25NO	001159-03-1	59
3	N,N,2,2-Tetramethyl-1,3-propaned...	130	C7H18N2	053369-71-4	59
4	Benzedrex	155	C10H21N	000101-40-6	59
5	Trifluomeprazine	366	C19H21F3N2S	002622-37-9	59





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Sample : K1688-09 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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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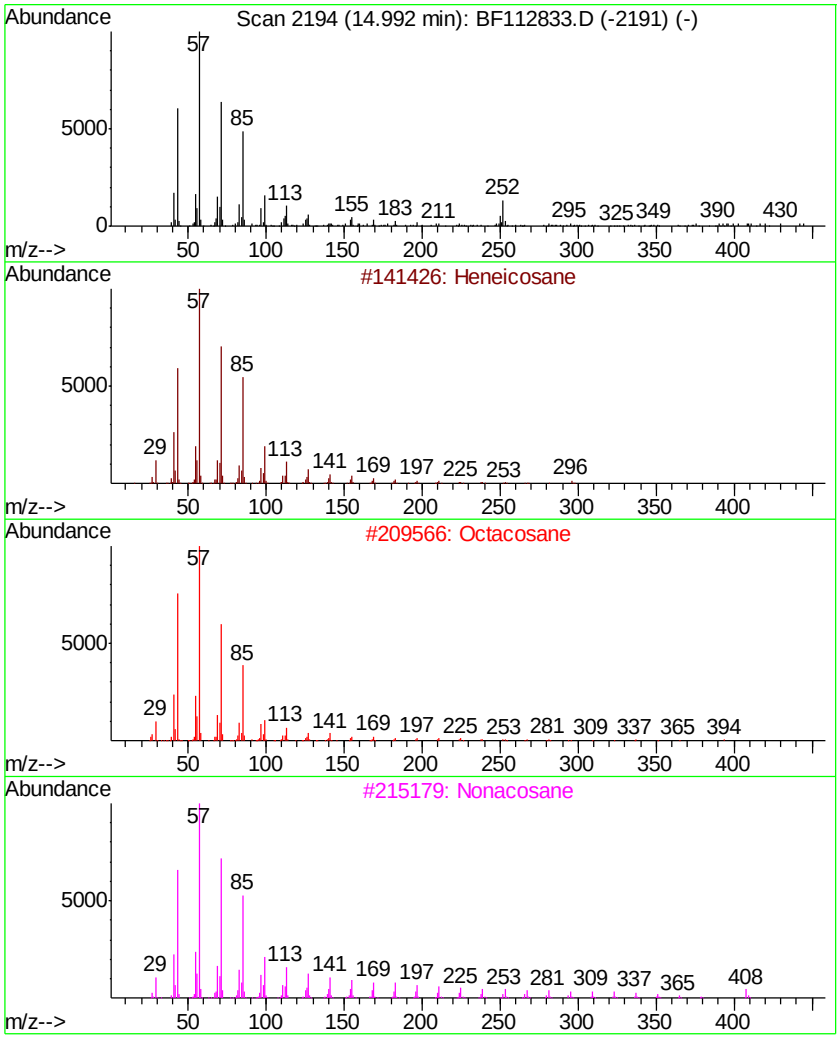
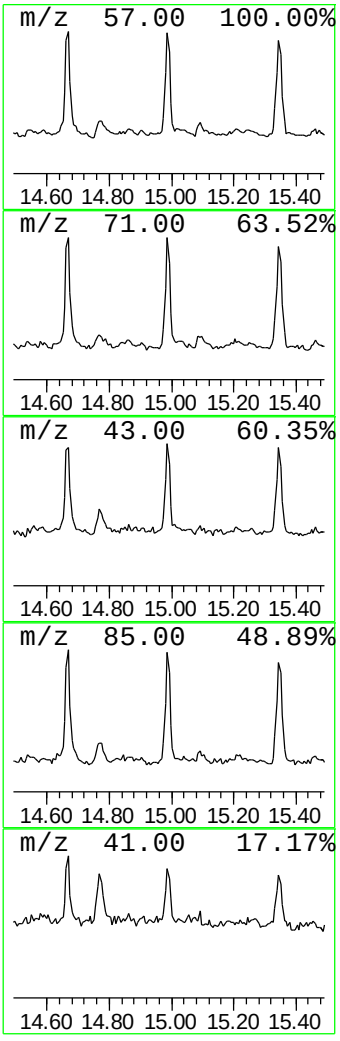
Peak Number 19 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	6.96 ng	255116	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Octacosane	394	C28H58	000630-02-4	90
3	Nonacosane	408	C29H60	000630-03-5	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	86





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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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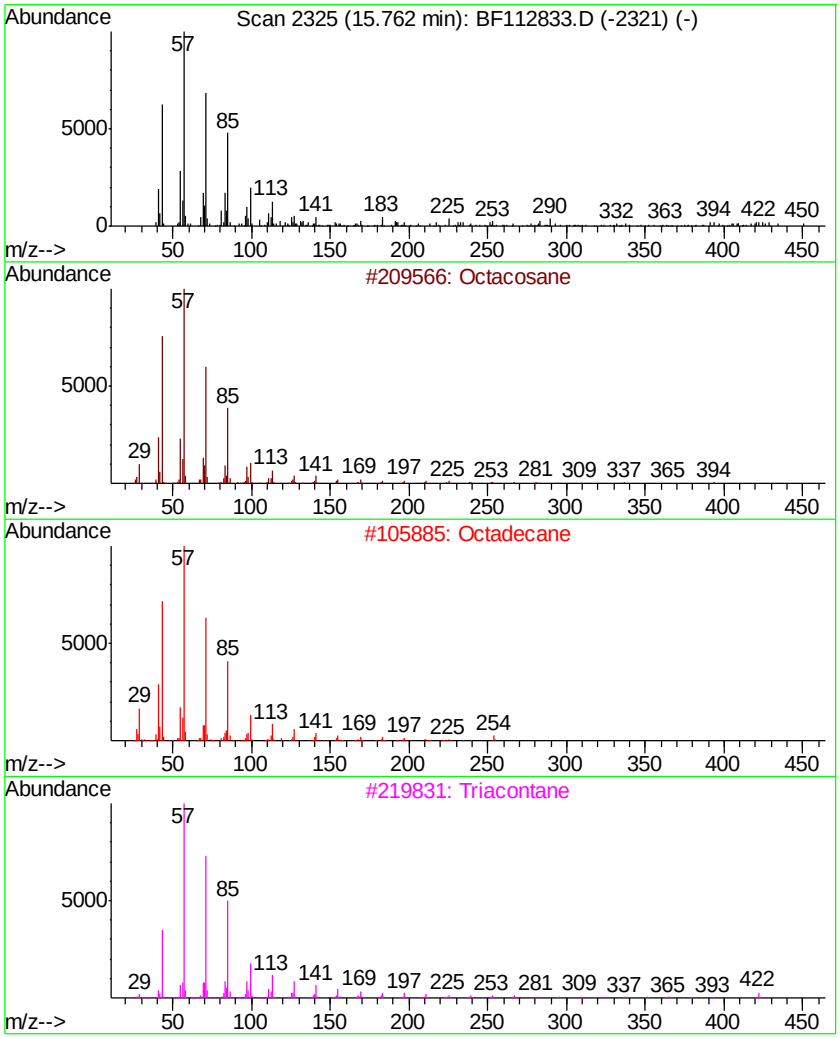
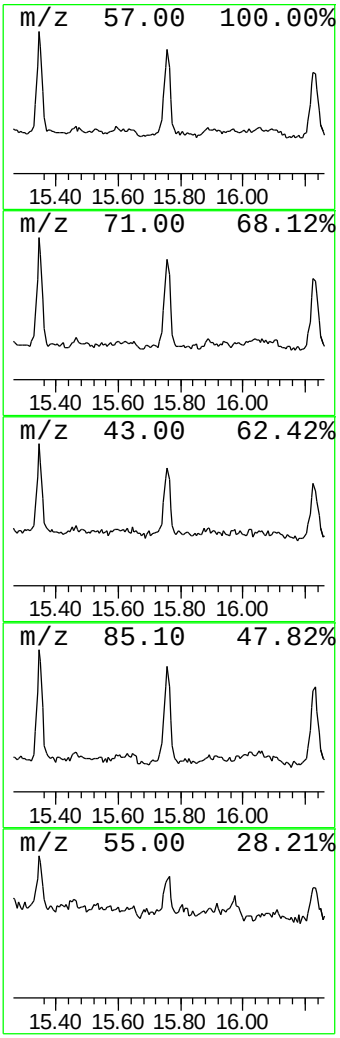
Peak Number 20 Octacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	5.92 ng	216769	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	94
2	Octadecane	254	C18H38	000593-45-3	94
3	Triacontane	422	C30H62	000638-68-6	91
4	Heneicosane	296	C21H44	000629-94-7	87
5	Pentadecane	212	C15H32	000629-62-9	78





Tentatively Identified Compound (LSC) summary

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Data File : BF112833.D
Acq On : 4 Mar 2019 19:18
Operator : JU/SJ
Sample : K1688-09 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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	20.6	ng	961917	1	6.75	933094	20.0
Tridecane	8.63	6.4	ng	465357	2	8.03	1449580	20.0
Tetradecane	9.20	7.4	ng	472690	3	9.77	1269990	20.0
Pentadecane	9.72	6.5	ng	409383	3	9.77	1269990	20.0
Bacchotricuneatin c	10.22	7.3	ng	461318	3	9.77	1269990	20.0
Heptadecane	10.69	9.3	ng	538594	4	11.26	1154270	20.0
Octadecane	11.14	6.0	ng	345389	4	11.26	1154270	20.0
Hexadecanoic acid...	11.66	52.3	ng	3020010	4	11.26	1154270	20.0
9,12-Octadecadien...	12.35	111.8	ng	6452260	4	11.26	1154270	20.0
15-Octadecenoic a...	12.37	150.9	ng	8708370	4	11.26	1154270	20.0
Methyl 9.cis.,11....	13.03	4.4	ng	256501	5	13.89	1160220	20.0
cis-11-Eicosenoic...	13.09	7.4	ng	428749	5	13.89	1160220	20.0
Eicosanoic acid, ...	13.17	4.1	ng	240203	5	13.89	1160220	20.0
Tridecane, 1-iodo-	14.67	7.5	ng	276241	6	15.30	732718	20.0
N,N-Dimethyloctyl...	14.77	9.7	ng	354113	6	15.30	732718	20.0
Heneicosane	14.99	7.0	ng	255116	6	15.30	732718	20.0
Octacosane	15.76	5.9	ng	216769	6	15.30	732718	20.0