LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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	566	rVB	843015	815046	9.61%	1.723%
2	6.369	725	728	736	rVB	920242	913511	10.77%	1.931%
3	6.510	746	752	758	rBV	1100348	974494	11.49%	2.060%
4	6.598	765	767	773	rVB	161360	130389	1.54%	0.276%
5	6.745	788	792	796	rBV	1090479	905073	10.67%	1.913%
6	6.904	815	819	828	rVB	816208	766227	9.03%	1.620%
7	7.145	857	860	864	rBV	106829	93694	1.10%	0.198%
8	7.298	880	886	891	rBV	552567	619191	7.30%	1.309%
9	7.357	894	896	899	rVV	360008	285551	3.37%	0.604%
10	7.404	899	904	907	rVB4	60930	90235	1.06%	0.191%
11	7.557	926	930	935	rVB3	91172	136791	1.61%	0.289%
12	7.763	961	965	968	rBV3	105751	150362	1.77%	0.318%
13	7.792	968	970	974	rVB3	111309	126531	1.49%	0.267%
14	7.869	981	983	986	rVB2	101201	91879	1.08%	0.194%
15	8.028	1006	1010	1017	rBV	1801903	1622956	19.14%	3.431%
16	8.104	1021	1023	1025	rVB	147623	103005	1.21%	0.218%
17	8.328	1056	1061	1064	rBV5	117867	163915	1.93%	0.346%
18	8.386	1069	1071	1074	rBV2	138225	100649	1.19%	0.213%
19	8.422	1074	1077	1079	rBV2	148790	145897	1.72%	0.308%
20	8.463	1082	1084	1089	rVV3	197828	218564	2.58%	0.462%
21	8.533	1093	1096	1100	rBV2	176314	182727	2.15%	0.386%
22	8.633	1109	1113	1116	rBV	696804	585345	6.90%	1.237%
23	8.728	1126	1129	1136	rVB3	110926	162923	1.92%	0.344%
24	8.851	1144	1150	1152	rBV3	154084	176876	2.09%	0.374%
25	8.916	1158	1161	1163	rBV4	97370	89443	1.05%	0.189%
26	8.992	1173	1174	1178	rVB	128958	101311	1.19%	0.214%
27	9.033	1178	1181	1184	rBV2	92014	108256	1.28%	0.229%
28	9.063	1184	1186	1189	rVB2	195535	165999	1.96%	0.351%
29	9.098	1189	1192	1198	rBV	990693	945306	11.15%	1.998%
30	9.198	1205	1209	1212	rBV	673544	575846	6.79%	1.217%
31	9.257	1214	1219	1221	rVB2	88273	107730	1.27%	0.228%
32	9.357	1232	1236	1239	rBV6	61481	104436	1.23%	0.221%
33	9.422	1243	1247	1249	rBV3	69531	91661	1.08%	0.194%
34	9.516	1257	1263	1265	rBV3	195233	305307	3.60%	0.645%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

35	9.533	1265	1266	1270	rVV2	151284	129401	1.53%	0.274%
36	9.569	1270	1272	1275	rVB3	90301	91662	1.08%	0.194%
37	9.722	1296	1298	1302	rVB	598021	494300	5.83%	1.045%
38	9.780	1302	1308	1311	rBV	1198257	1244949	14.68%	2.632%
39	9.963	1334	1339	1341	rBV5	89369	148169	1.75%	0.313%
40	10.045	1350	1353	1357	rVB3	136940	146701	1.73%	0.310%
41	10.222	1380	1383	1386	rVB	601961	447953	5.28%	0.947%
42	10.439	1416	1420	1423	rBV	165333	193913	2.29%	0.410%
43	10.557	1437	1440	1445	rVV	647493	613995	7.24%	1.298%
44	10.692	1460	1463	1470	rBV	602664	622615	7.34%	1.316%
45	10.898	1493	1498	1500	rBV2	65265	103492	1.22%	0.219%
46	11.139	1536	1539	1542	rBV	480225	385398	4.54%	0.815%
47	11.169	1542	1544	1550	rVB	157684	170519	2.01%	0.360%
48	11.257	1555	1559	1562	rBV	1265485	1127123	13.29%	2.383%
49	11.563	1608	1611	1613	rBV	398403	330865	3.90%	0.699%
50	11.586	1613	1615	1617	rVB	145904	116138	1.37%	0.245%
51	11.663	1624	1628	1631	rBV	3911781	3156476	37.22%	6.672%
52	11.792	1647	1650	1653	rBV3	136407	128350	1.51%	0.271%
53	11.969	1675	1680	1688	rVB	335159	349043	4.12%	0.738%
54	12.351	1740	1745	1747	rBV	6694758	8378741	98.79%	17.711%
55	12.374	1747	1749	1755	rVV	7965383	8480959	100.00%	17.927%
56	12.416	1755	1756	1759	rVB2	156095	96308	1.14%	0.204%
57	12.451	1759	1762	1765	rBV	1652905	1429612	16.86%	3.022%
58	12.498	1768	1770	1773	rVB	318825	265216	3.13%	0.561%
59	12.686	1798	1802	1806	rVB2	423977	433354	5.11%	0.916%
60	12.727	1806	1809	1812	rBV	231706	198612	2.34%	0.420%
61	12.839	1824	1828	1831	rBV	966956	861414	10.16%	1.821%
62	13.010	1853	1857	1858	rBV	261915	248657	2.93%	0.526%
63	13.027	1858	1860	1866	rVV4	191877	294748	3.48%	0.623%
64	13.092	1866	1871	1874	rVB2	292479	457810	5.40%	0.968%
65	13.174	1882	1885	1888	rBV	294388	254199	3.00%	0.537%
66	13.327	1908	1911	1915	rVB5	116560	132705	1.56%	0.281%
67	13.421	1924	1927	1931	rBV2	152350	142623	1.68%	0.301%
68	13.751	1980	1983	1985	rBV	135687	116461	1.37%	0.246%
69	13.839	1995	1998	2001	rBV	204811	192132	2.27%	0.406%
70	13.880	2002	2005	2009	rVV	1075054	1060054	12.50%	2.241%
71	14.068	2034	2037	2039	rVB	135774	122152	1.44%	0.258%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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	14.351	2082	2085	2086	rBV2	145742	148567	1.75%	0.314%
73	14.457	2101	2103	2109	rBV4	106270	134483	1.59%	0.284%
74	14.668	2136	2139	2142	rBV	174613	182136	2.15%	0.385%
75	14.768	2152	2156	2165	rBV	421731	635307	7.49%	1.343%
76	14.986	2191	2193	2201	rVB	188340	217236	2.56%	0.459%
77	15.298	2242	2246	2251	rVB	594630	666101	7.85%	1.408%

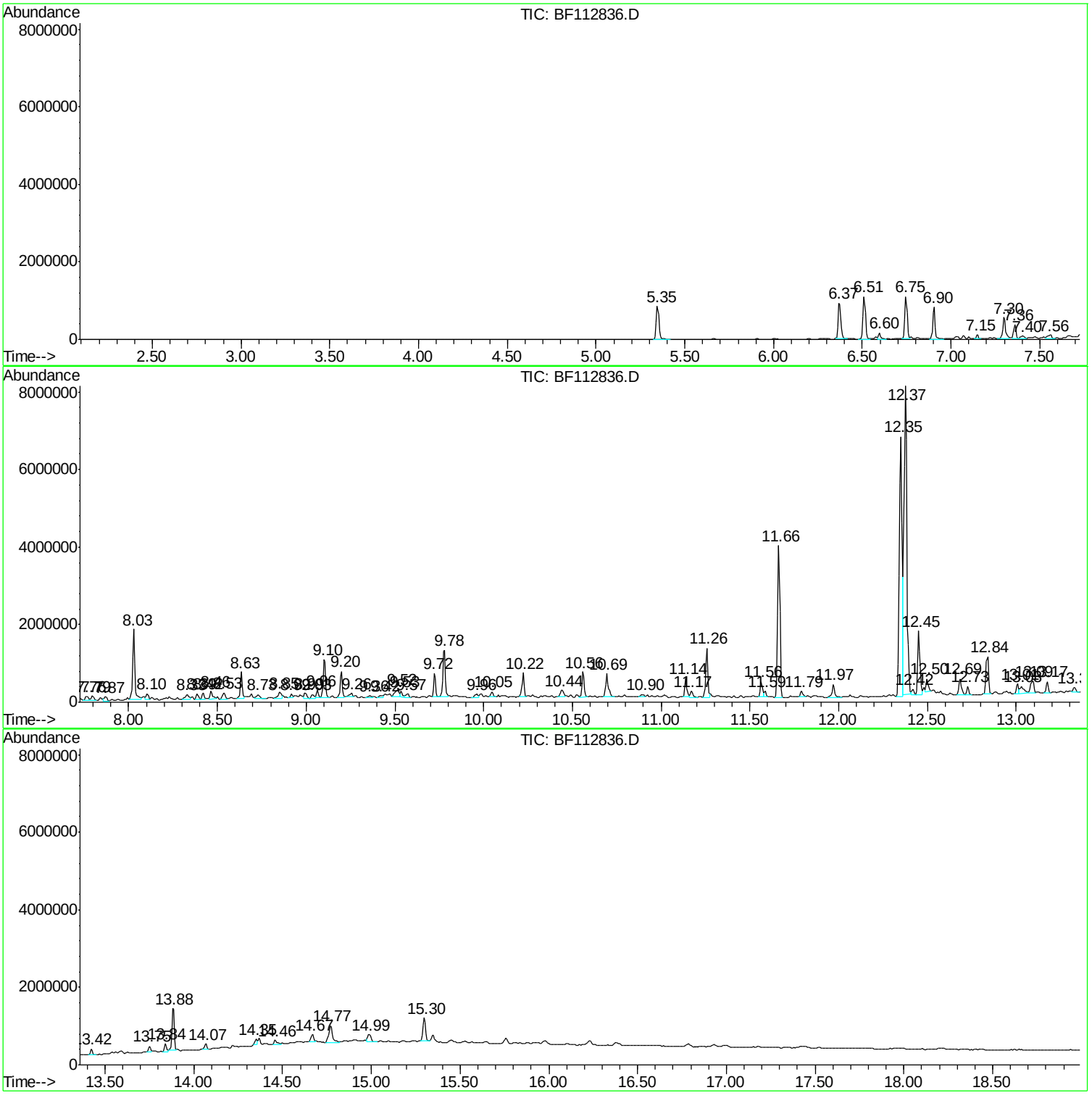
Sum of corrected areas: 47307775

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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 : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

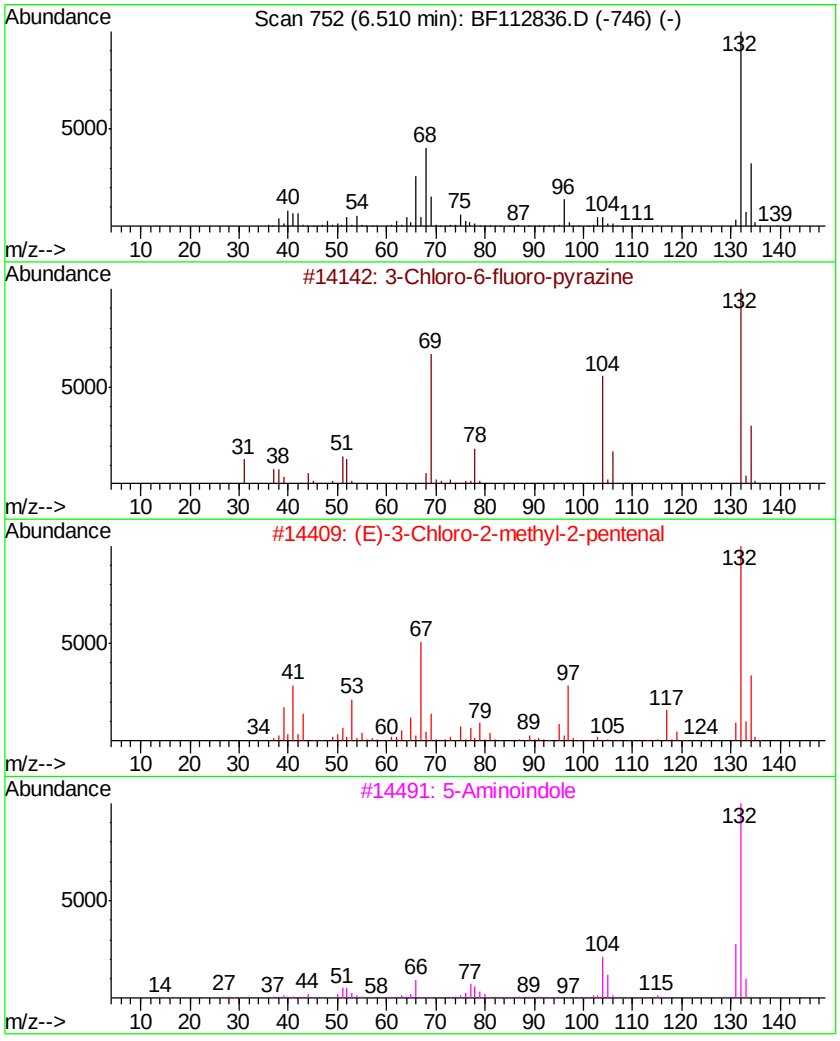
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

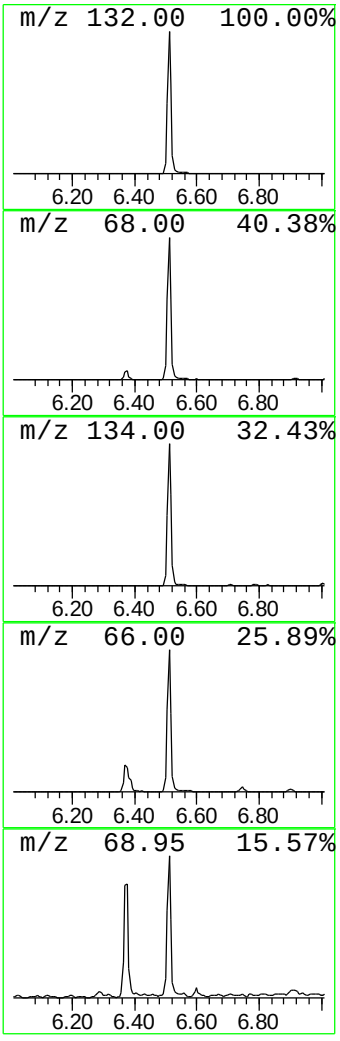
****

Peak Number 1 unknown6.51 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	21.53 ng	974494	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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

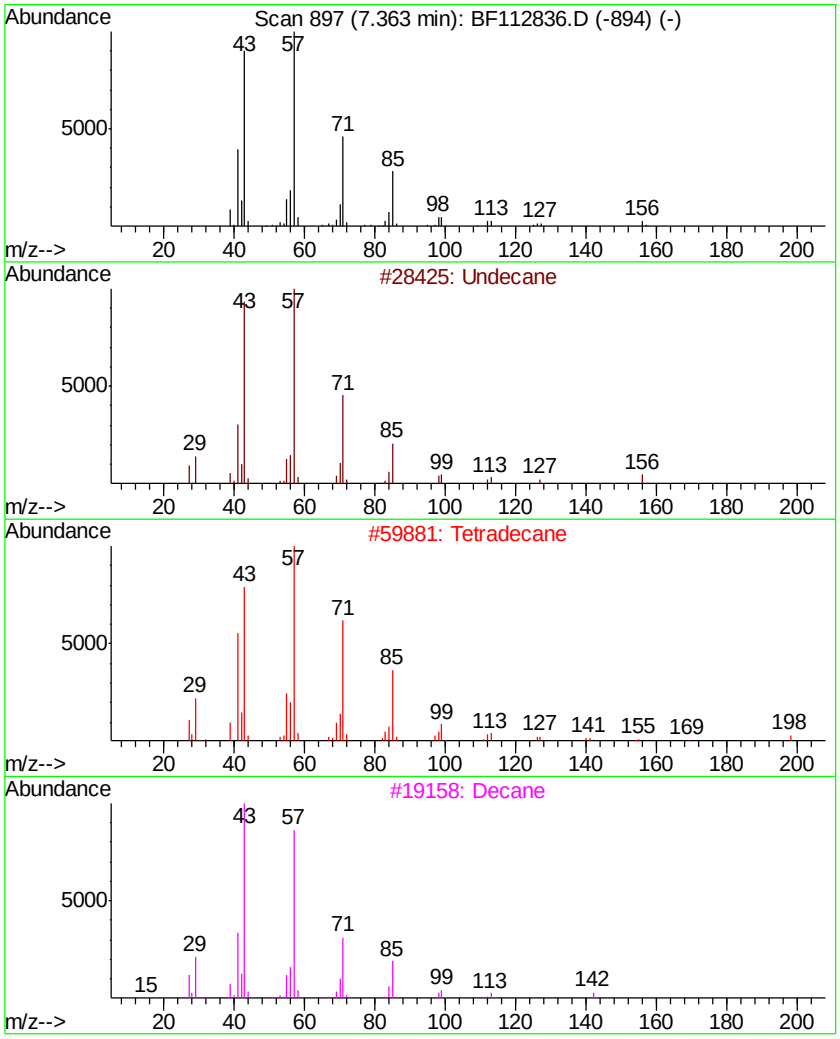
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

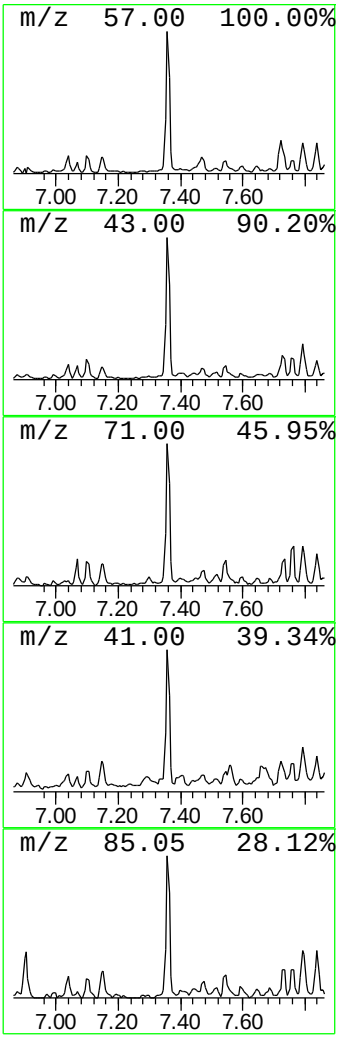
****

Peak Number 3 Undecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	6.31 ng	285551	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Decane	142	C10H22	000124-18-5	83
4	Tridecane	184	C13H28	000629-50-5	78
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

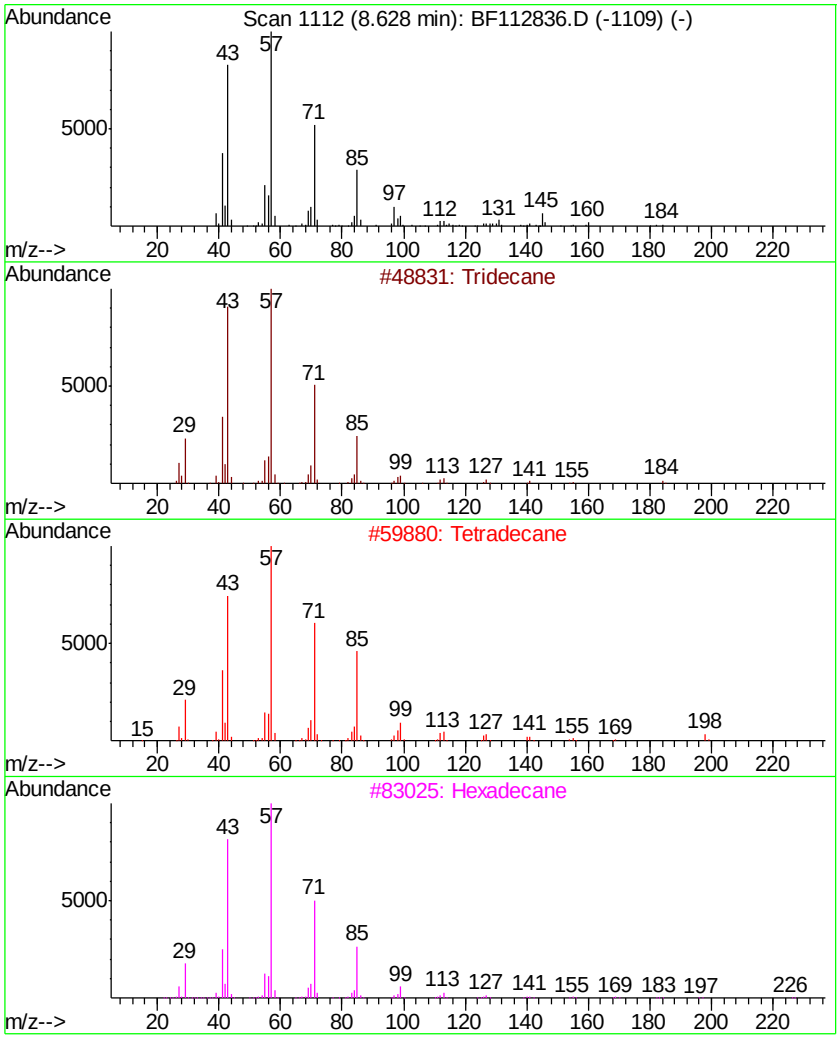
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

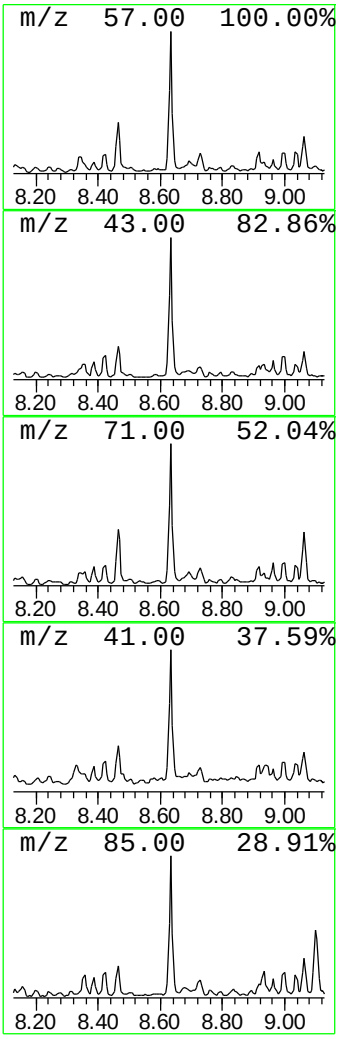
****

Peak Number 4 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	7.21 ng	585345	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tetradecane	198	C14H30	000629-59-4	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

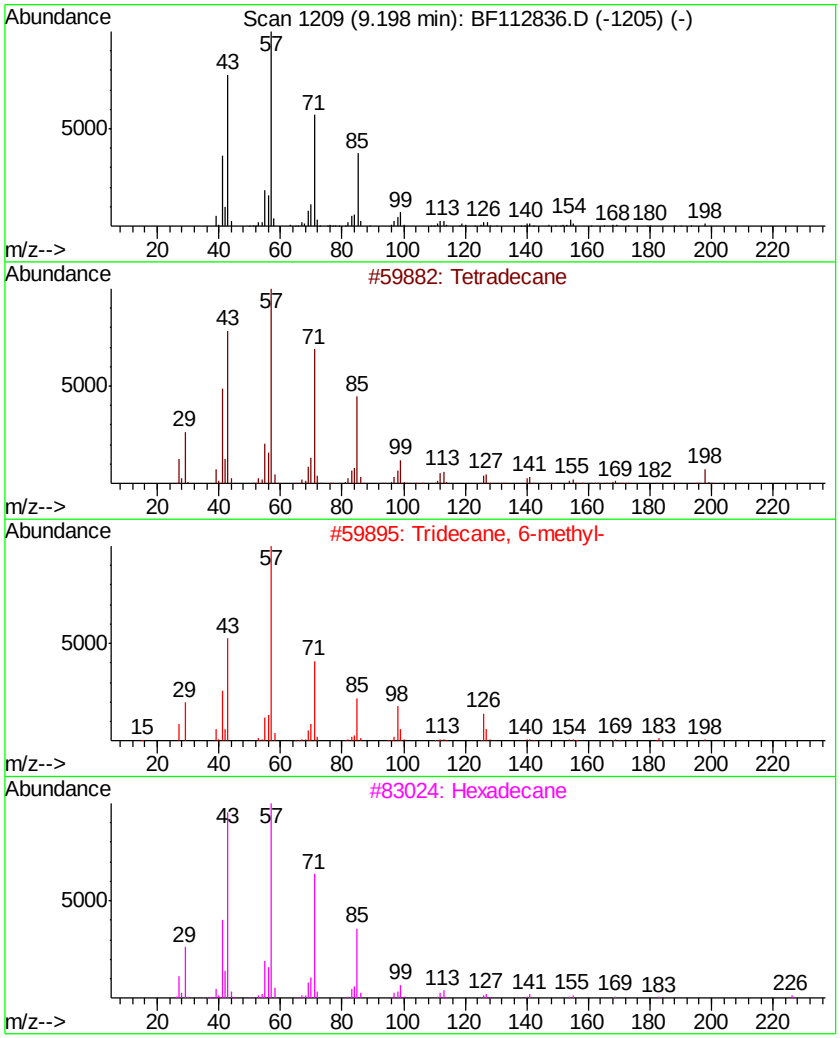
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

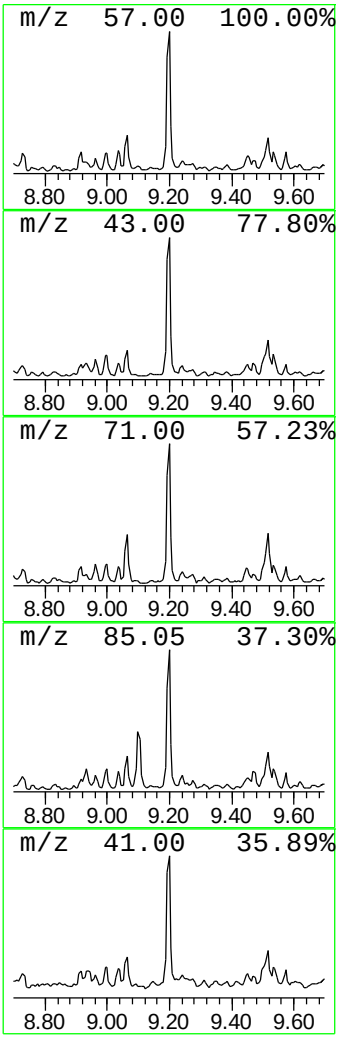
****

Peak Number 5 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	9.25 ng	575846	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	76
5	Pentadecane	212	C15H32	000629-62-9	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

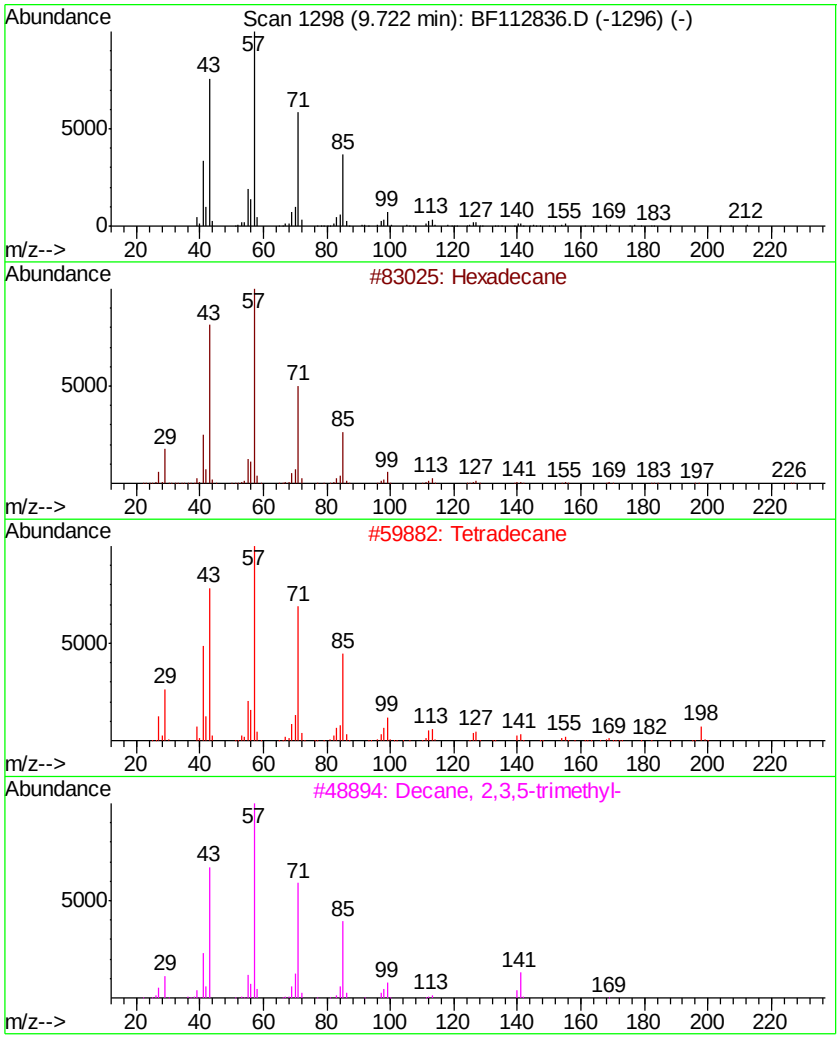
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

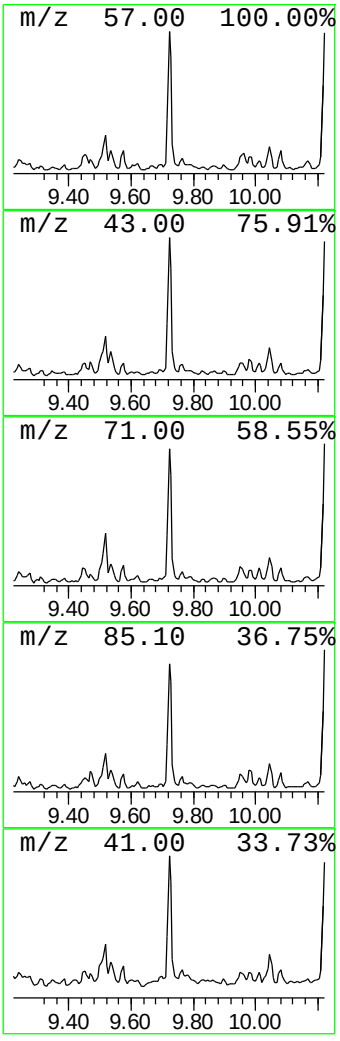
****

Peak Number 6 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	7.94 ng	494300	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	64
5	Undecane	156	C11H24	001120-21-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

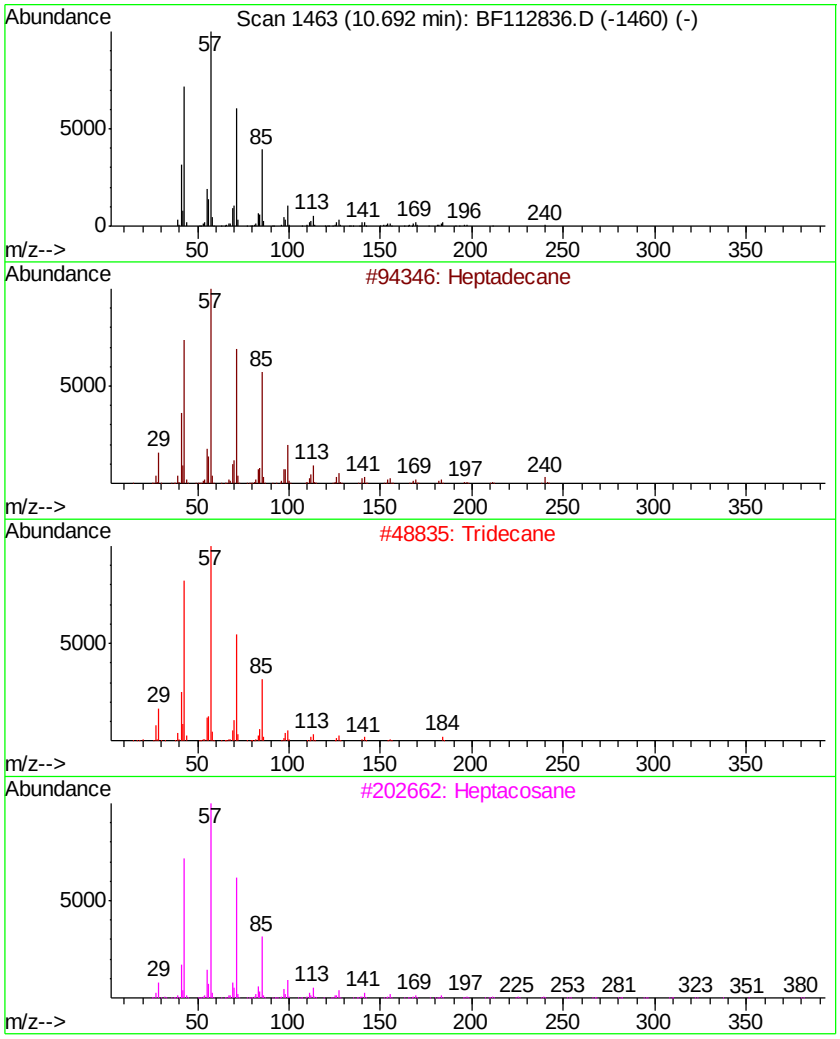
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

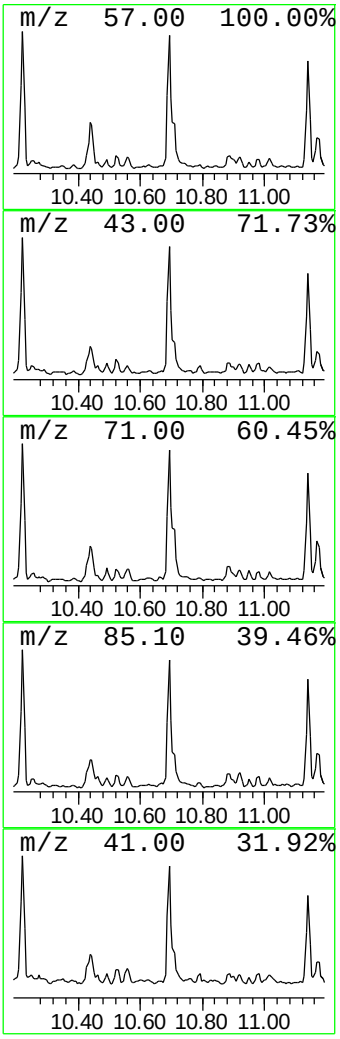
****

Peak Number 8 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	11.05 ng	622615	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	Heptacosane	380	C27H56	000593-49-7	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Eicosane	282	C20H42	000112-95-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

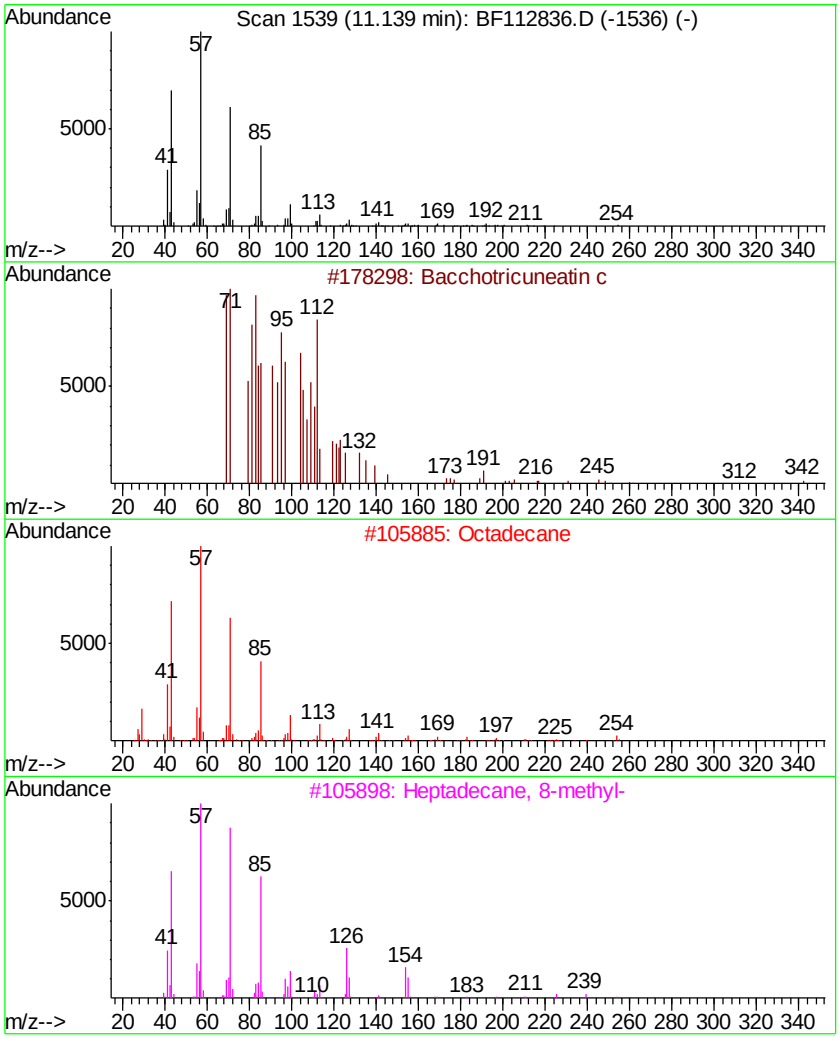
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

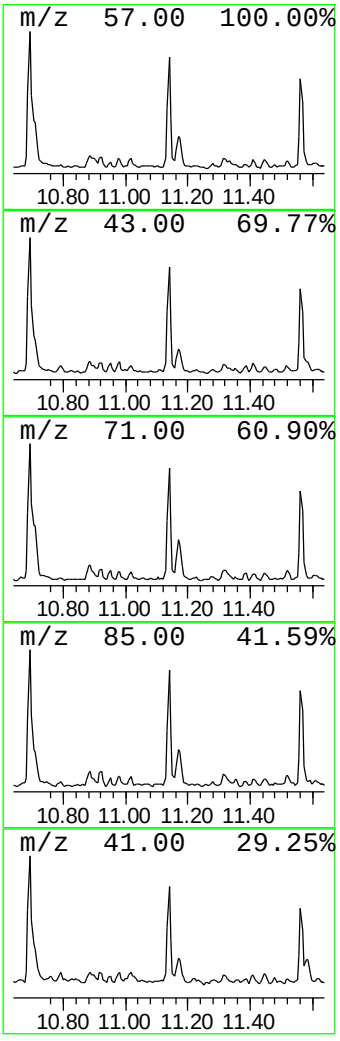
****

Peak Number 9 Bacchotricuneatin c Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	6.84 ng	385398	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2	Octadecane	254	C18H38	000593-45-3	95
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

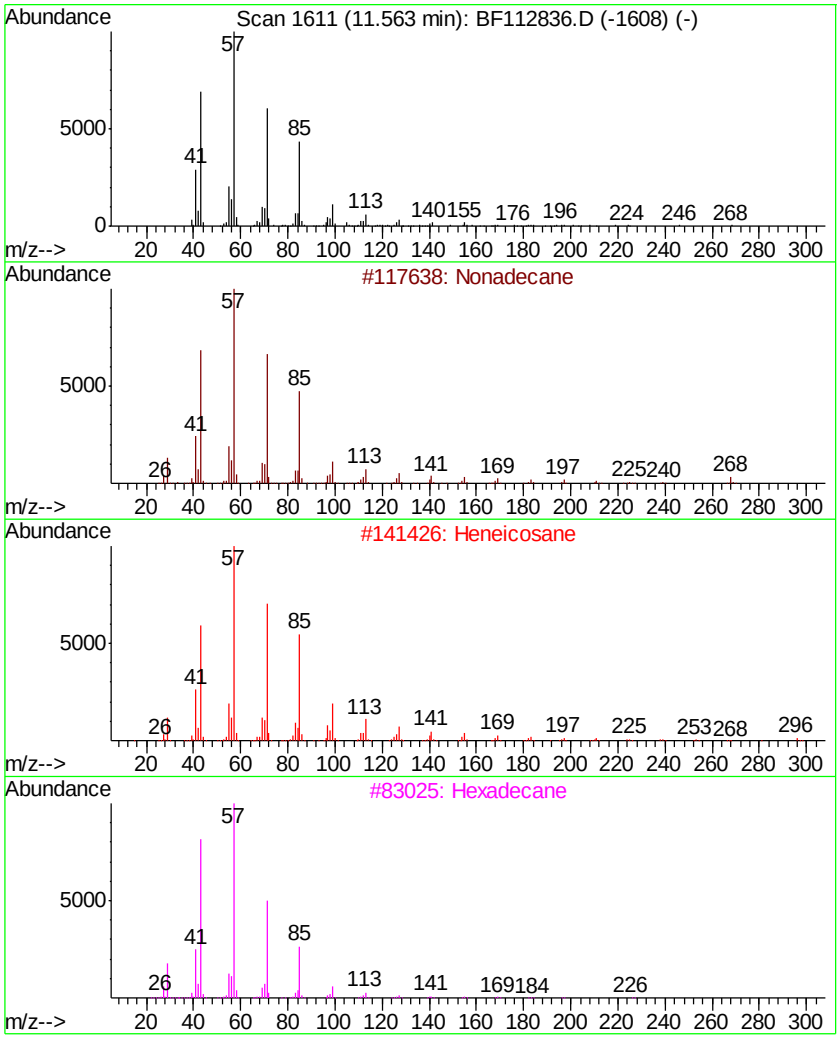
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

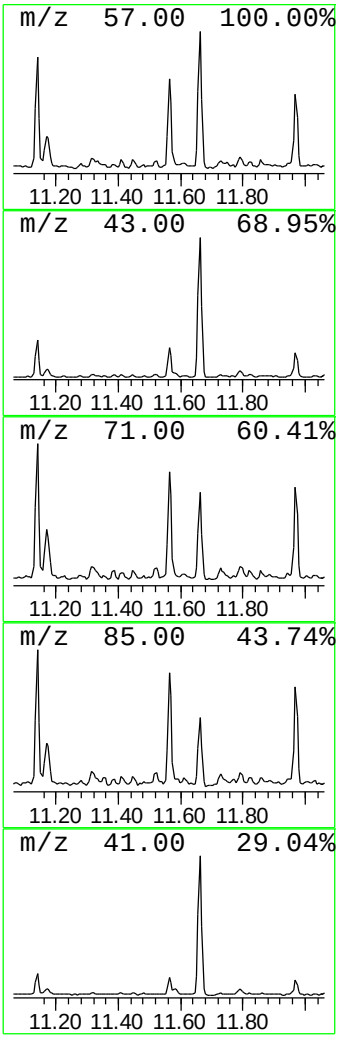
****

Peak Number 10 Nonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	5.87 ng	330865	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Tetratetracontane	619	C44H90	007098-22-8	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

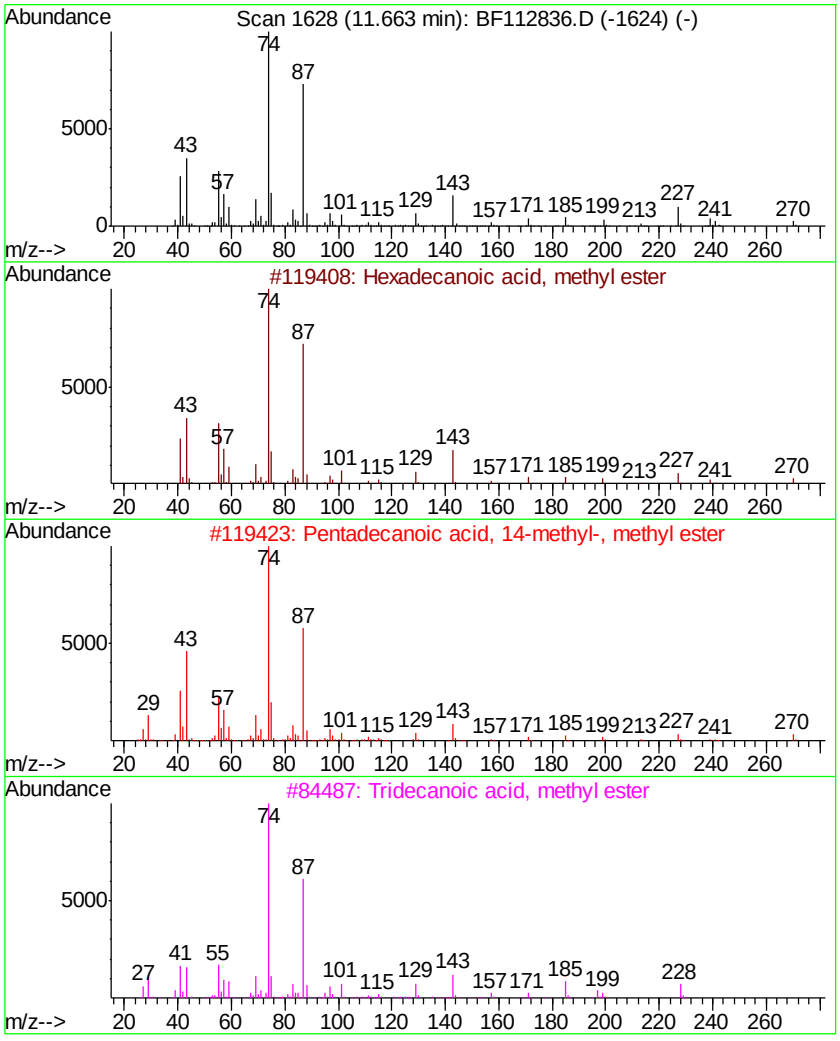
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

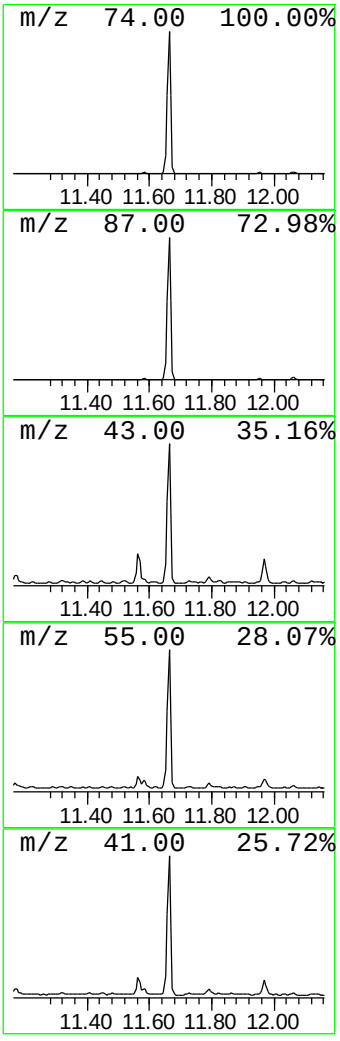
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	56.01 ng	3156480	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	93
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

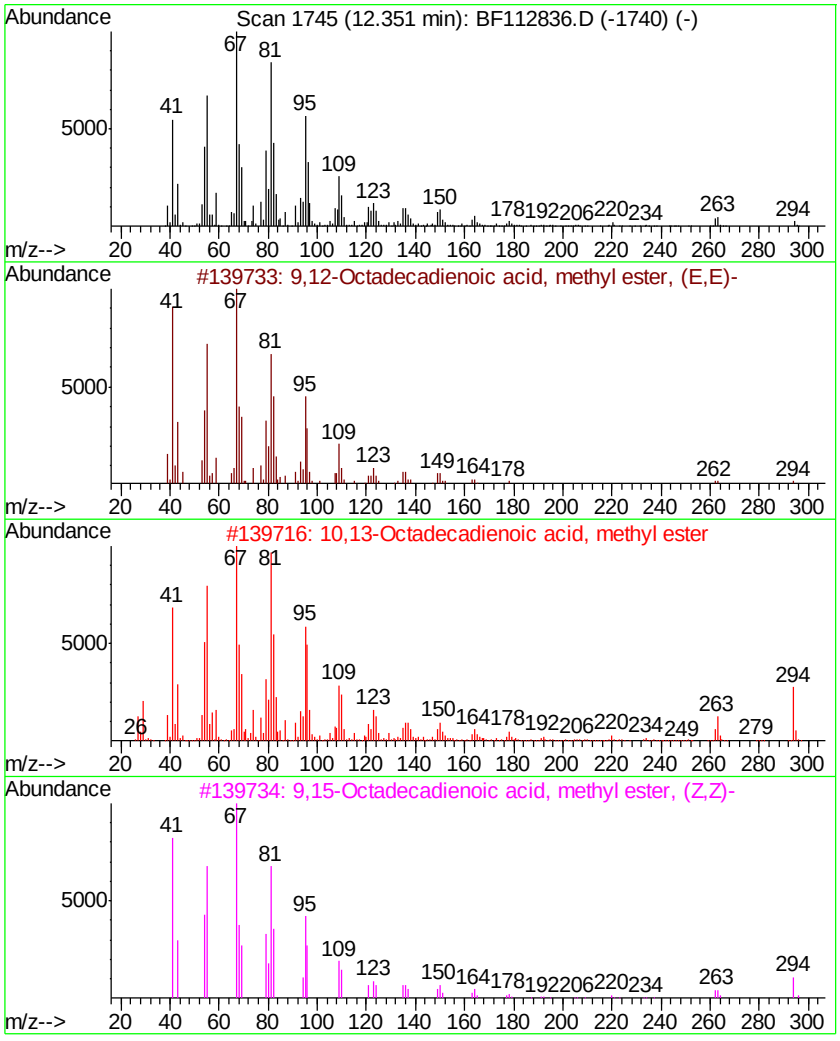
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

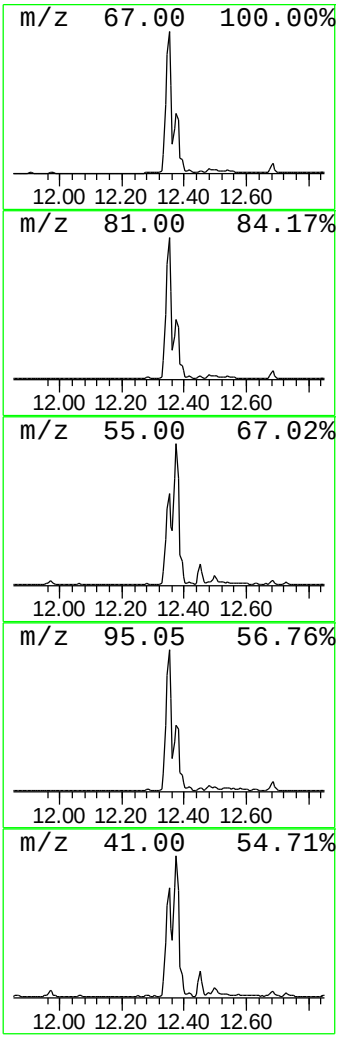
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	148.68 ng	8378740	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	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

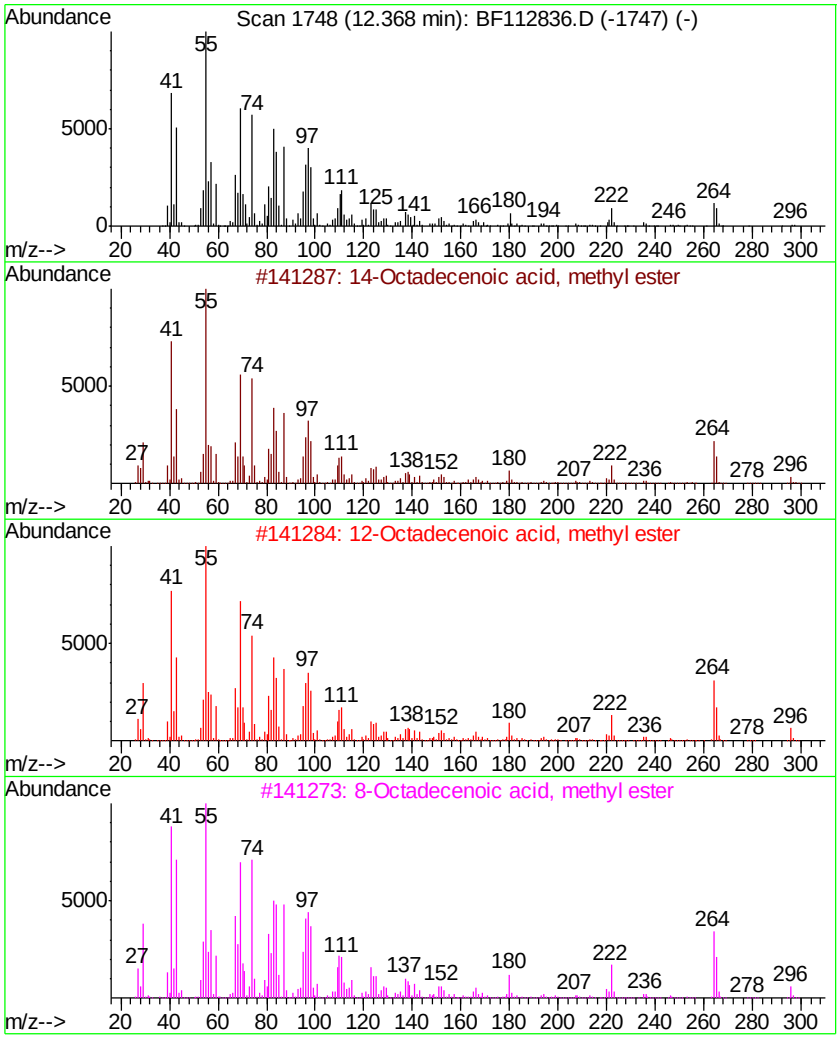
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

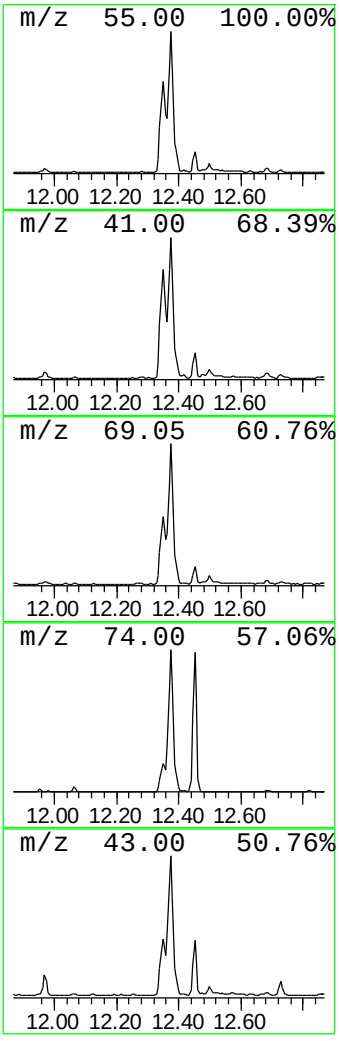
****

Peak Number 14 14-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	150.49 ng	8480960	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

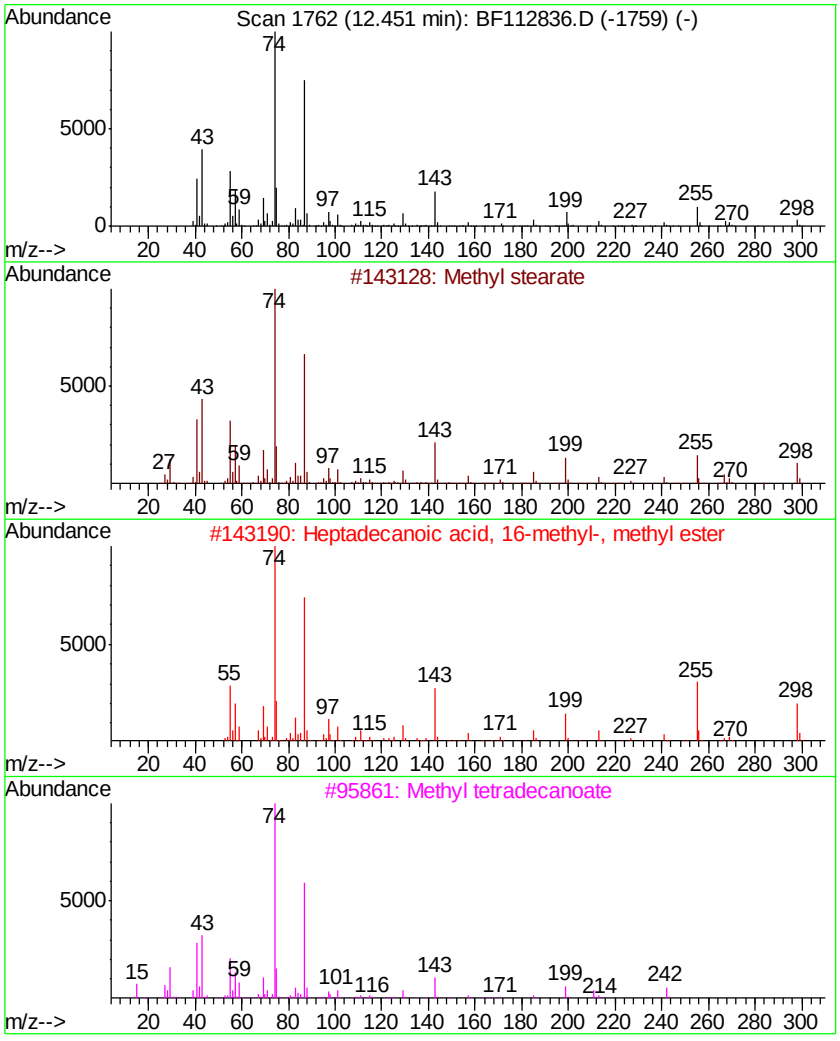
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

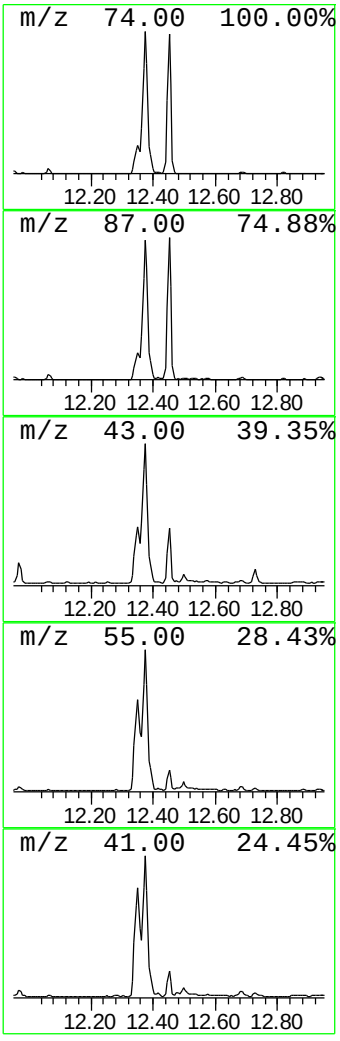
****

Peak Number 15 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	25.37 ng	1429610	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, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

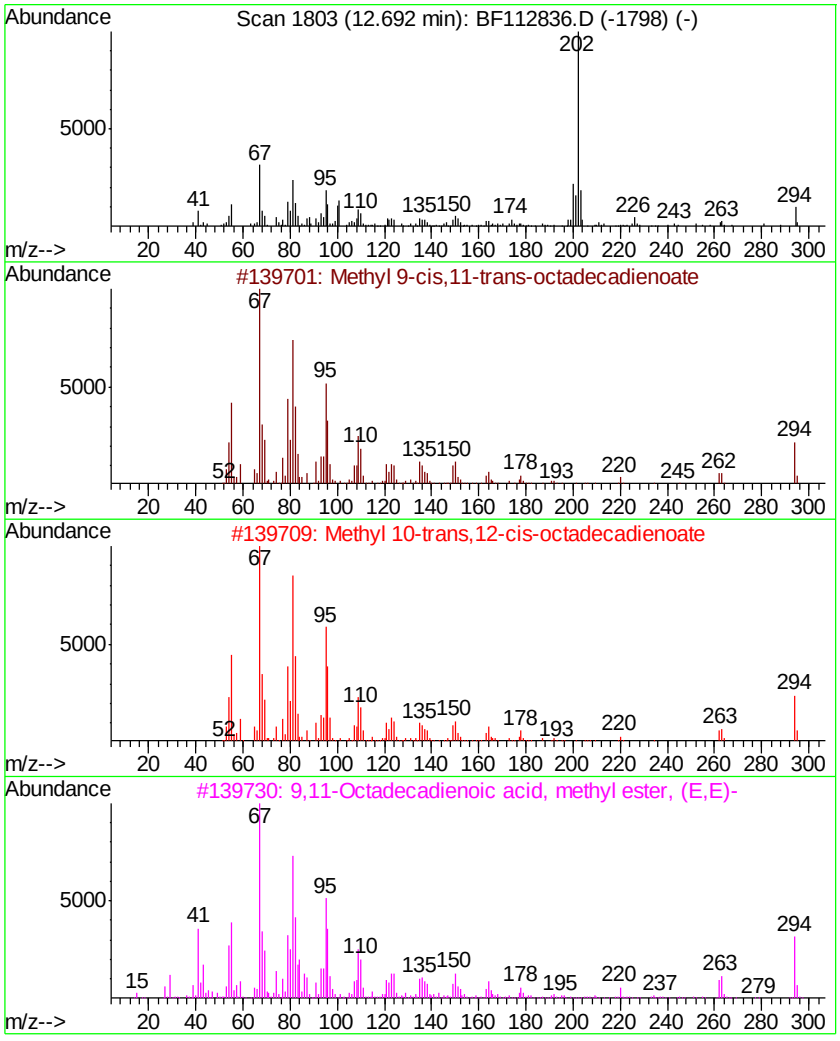
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

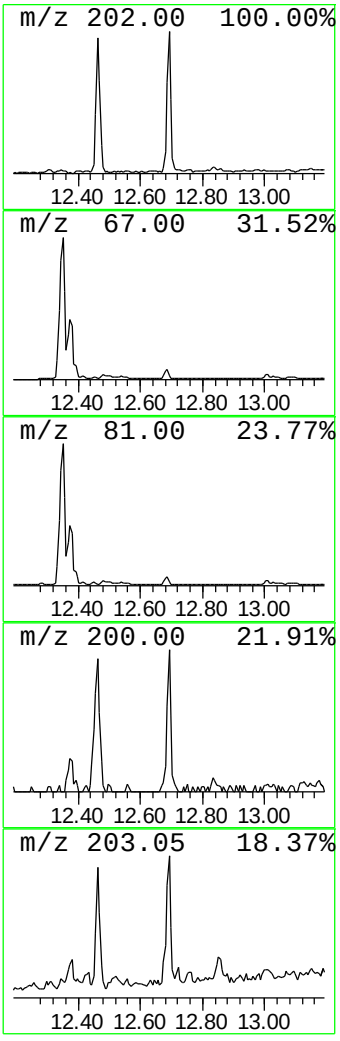
****

Peak Number 16 Methyl 9-cis,11-trans-octad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	8.18 ng	433354	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	98
2	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	95
3	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	93
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	86
5	6,9-Octadecadienoic acid, methyl...	294	C19H34O2	056599-55-4	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

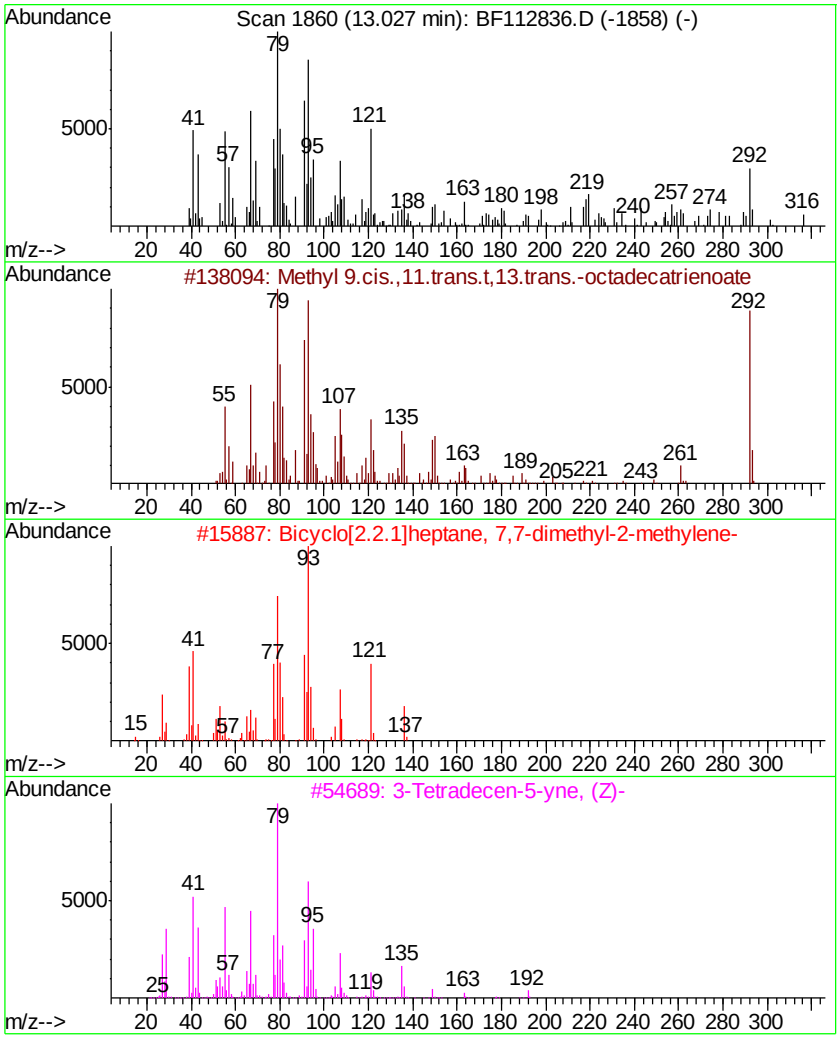
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

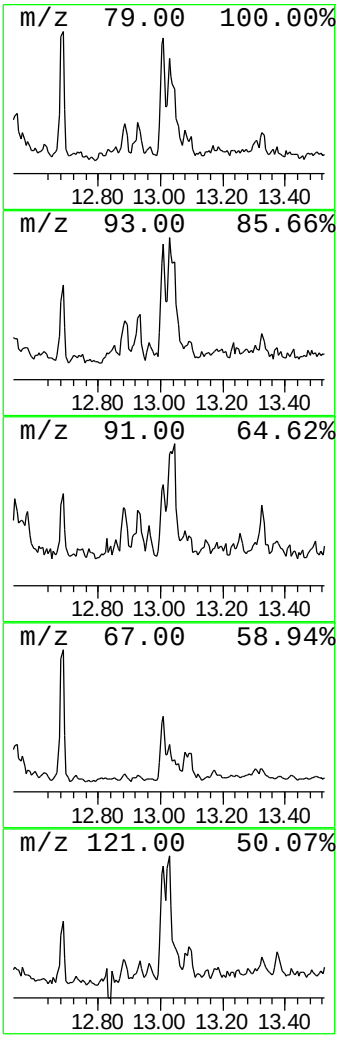
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Methyl 9.cis.,11.trans.t,13... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	5.56 ng	294748	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	90
2	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	86
3	3-Tetradecen-5-yne, (Z)-	192	C14H24	074663-68-6	81
4	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	81
5	3-Heptadecen-5-yne, (Z)-	234	C17H30	074744-55-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

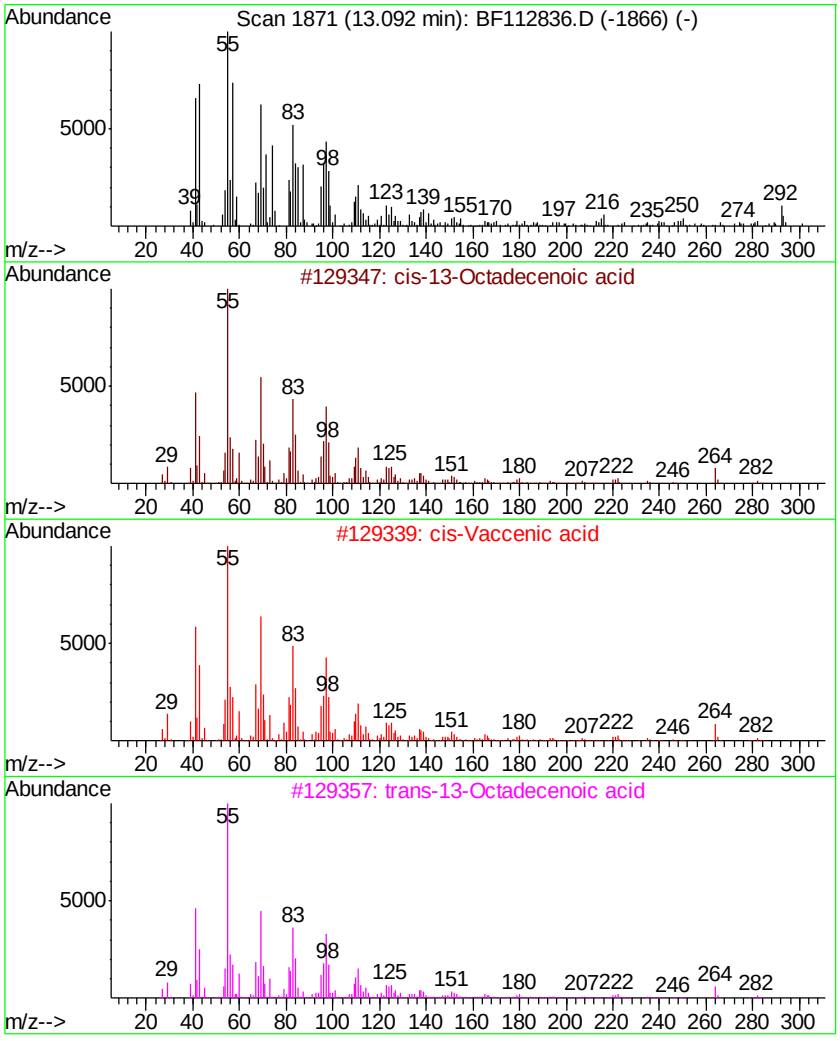
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

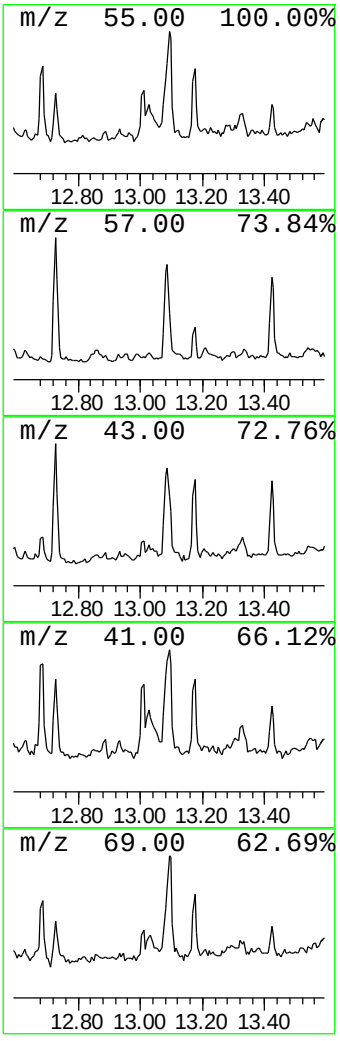
****

Peak Number 18 cis-13-Octadecenoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	8.64 ng	457810	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	93
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	91
3	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	89
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	70
5	cis-10-Heptadecenoic acid	268	C17H32O2	029743-97-3	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

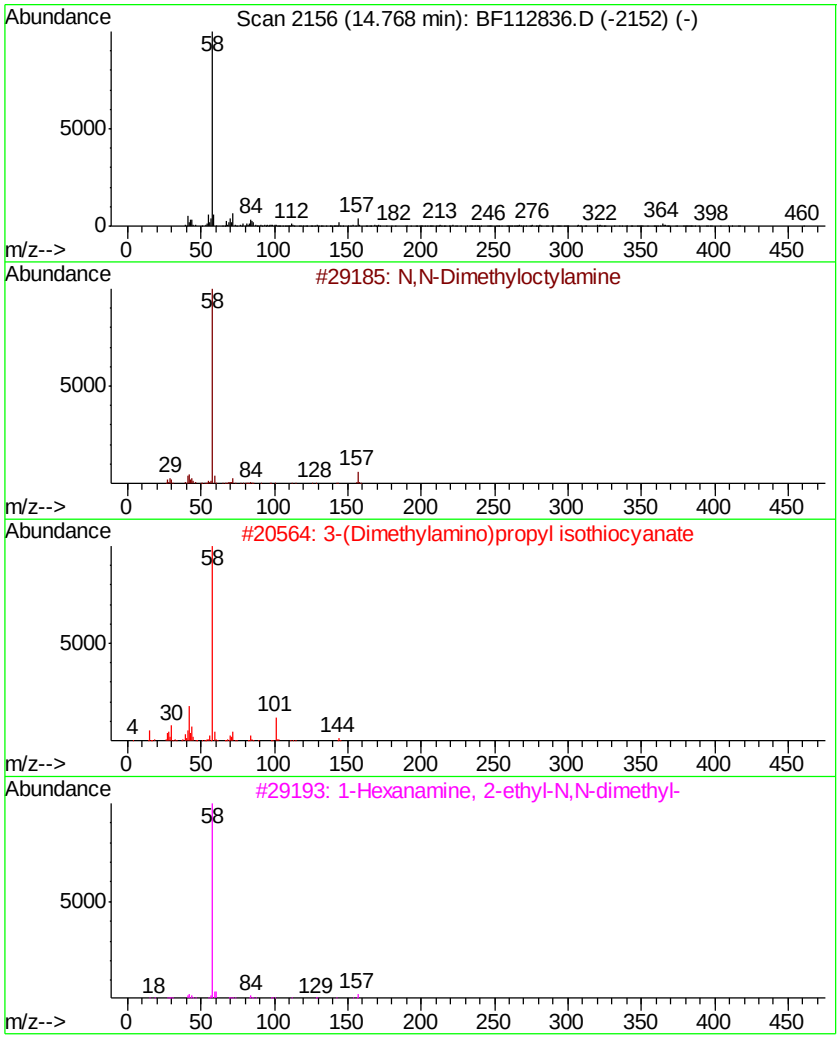
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

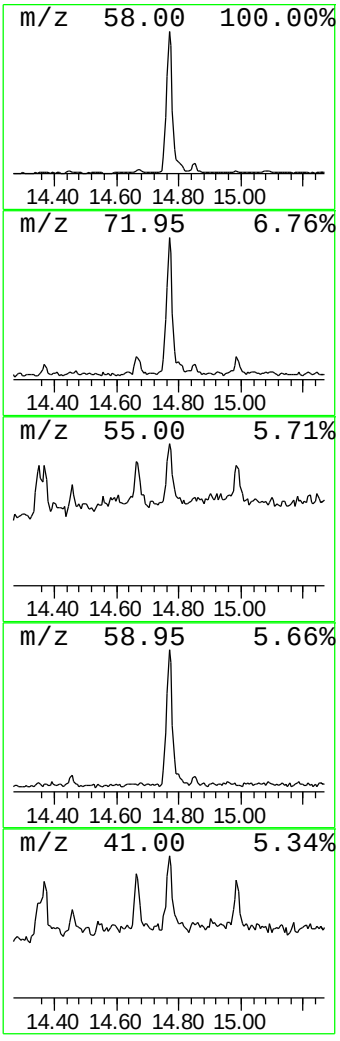
****

Peak Number 19 N,N-Dimethyloctylamine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	19.08 ng	635307	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	80
2	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
3	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
4	Formamide, N-[3-(dimethylamino)p...	130	C6H14N2O	005922-69-0	72
5	3(N,N-Dimethylmyristylammonio)pr...	363	C19H41NO3S	014933-09-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

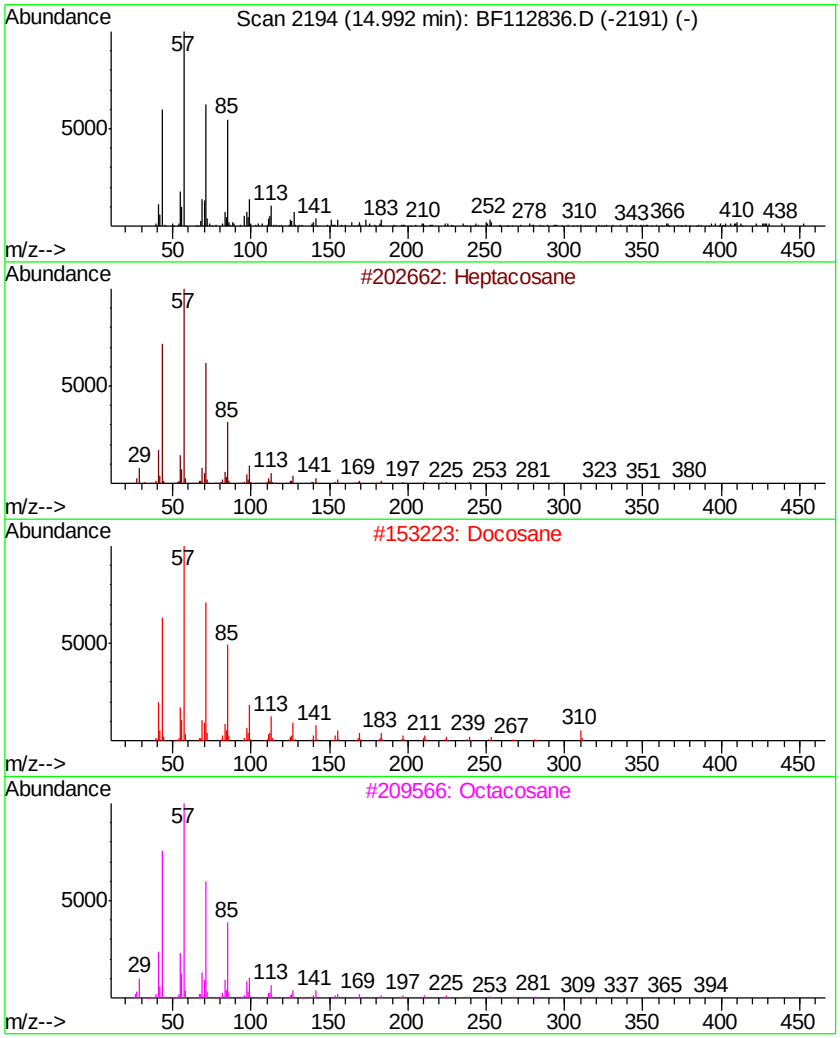
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

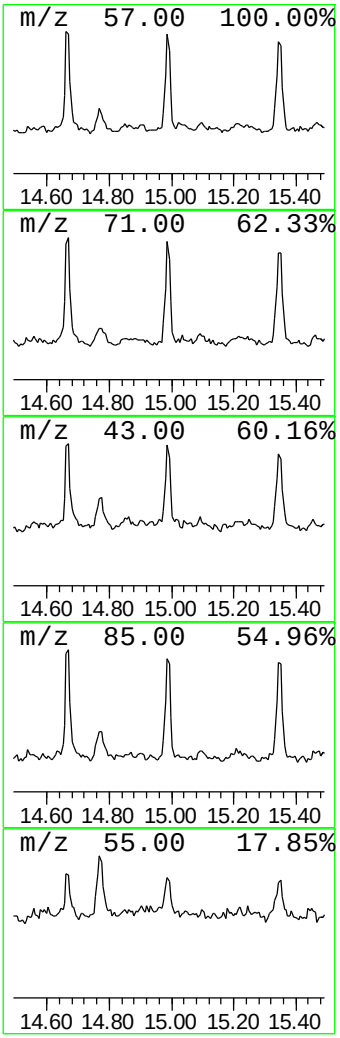
****

Peak Number 20 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	6.52 ng	217236	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	97
2	Docosane	310	C22H46	000629-97-0	95
3	Octacosane	394	C28H58	000630-02-4	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Heneicosane	296	C21H44	000629-94-7	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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	21.5	ng	974494	1	6.75	905073	20.0
Undecane	7.36	6.3	ng	285551	1	6.75	905073	20.0
Tridecane	8.63	7.2	ng	585345	2	8.03	1622960	20.0
Tetradecane	9.20	9.3	ng	575846	3	9.77	1244950	20.0
Hexadecane	9.72	7.9	ng	494300	3	9.77	1244950	20.0
Heptadecane	10.69	11.1	ng	622615	4	11.26	1127120	20.0
Bacchotricuneatin c	11.14	6.8	ng	385398	4	11.26	1127120	20.0
Nonadecane	11.56	5.9	ng	330865	4	11.26	1127120	20.0
Hexadecanoic acid...	11.66	56.0	ng	3156480	4	11.26	1127120	20.0
9,12-Octadecadien...	12.35	148.7	ng	8378740	4	11.26	1127120	20.0
14-Octadecenoic a...	12.37	150.5	ng	8480960	4	11.26	1127120	20.0
Methyl stearate	12.45	25.4	ng	1429610	4	11.26	1127120	20.0
Methyl 9-cis,11-t...	12.69	8.2	ng	433354	5	13.89	1060050	20.0
Methyl 9.cis.,11....	13.03	5.6	ng	294748	5	13.89	1060050	20.0
cis-13-Octadeceno...	13.09	8.6	ng	457810	5	13.89	1060050	20.0
N,N-Dimethyloctyl...	14.77	19.1	ng	635307	6	15.30	666101	20.0
Heptacosane	14.99	6.5	ng	217236	6	15.30	666101	20.0