LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

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:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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	5.410	562	565	588	rBV	267760	732461	4.96%	1.279%
2	6.439	737	740	753	rBV	282026	681943	4.62%	1.191%
3	6.557	757	760	763	rVV	549640	725227	4.91%	1.267%
4	6.586	763	765	772	rVB	275258	265565	1.80%	0.464%
5	6.769	793	796	802	rBV	656341	735810	4.98%	1.285%
6	6.928	820	823	830	rVB	488545	537622	3.64%	0.939%
7	7.086	847	850	856	rBV2	130032	157142	1.06%	0.274%
8	7.139	856	859	870	rVB3	103182	195301	1.32%	0.341%
9	7.351	889	895	899	rBV	839474	874741	5.92%	1.528%
10	7.657	940	947	949	rBV6	106495	183943	1.25%	0.321%
11	7.722	952	958	960	rVV3	183943	253974	1.72%	0.444%
12	7.786	966	969	972	rVV	294322	322759	2.19%	0.564%
13	8.016	1005	1008	1012	rVV	1020659	968636	6.56%	1.692%
14	8.051	1012	1014	1019	rVV	815587	934975	6.33%	1.633%
15	8.092	1019	1021	1024	rVB	410725	352442	2.39%	0.616%
16	8.127	1024	1027	1034	rVB5	95742	178419	1.21%	0.312%
17	8.327	1058	1061	1066	rVB4	278805	334009	2.26%	0.583%
18	8.451	1080	1082	1085	rVB	402017	326033	2.21%	0.569%
19	8.551	1095	1099	1101	rBV	254238	244375	1.66%	0.427%
20	8.627	1108	1112	1116	rBV	1238263	1003633	6.80%	1.753%
21	8.710	1124	1126	1132	rVB3	178020	231121	1.57%	0.404%
22	8.869	1150	1153	1157	rBV3	256906	270213	1.83%	0.472%
23	8.986	1170	1173	1176	rBV	298037	286849	1.94%	0.501%
24	9.027	1178	1180	1182	rVV	207367	168515	1.14%	0.294%
25	9.051	1182	1184	1187	rVV2	346484	311843	2.11%	0.545%
26	9.122	1193	1196	1200	rVV	728662	660265	4.47%	1.153%
27	9.192	1204	1208	1211	rVV	1307299	1136051	7.69%	1.984%
28	9.233	1212	1215	1219	rVV3	142641	210664	1.43%	0.368%
29	9.269	1219	1221	1224	rVV3	177577	163274	1.11%	0.285%
30	9.445	1246	1251	1253	rBV2	126832	167520	1.13%	0.293%
31	9.510	1258	1262	1264	rVV3	342609	456977	3.10%	0.798%
32	9.527	1264	1265	1270	rVV4	194226	185786	1.26%	0.324%
33	9.721	1295	1298	1302	rVV	1056873	923832	6.26%	1.613%
34	9.810	1310	1313	1318	rVB	685461	698708	4.73%	1.220%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

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:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.039	1349	1352	1356	rVV3	203018	263334	1.78%	0.460%
36	10.216	1379	1382	1385	rVV	921273	789556	5.35%	1.379%
37	10.433	1415	1419	1422	rBV	293688	379683	2.57%	0.663%
38	10.610	1446	1449	1454	rBV2	233107	296016	2.00%	0.517%
39	10.692	1460	1463	1467	rBV	809388	859162	5.82%	1.501%
40	11.139	1535	1539	1541	rBV	666498	537282	3.64%	0.938%
41	11.163	1541	1543	1550	rVB	224273	274529	1.86%	0.479%
42	11.304	1563	1567	1574	rBV	669387	724636	4.91%	1.266%
43	11.563	1608	1611	1614	rBV	543915	430724	2.92%	0.752%
44	11.680	1625	1631	1634	rBV	5004732	6583030	44.59%	11.497%
45	11.821	1652	1655	1660	rBV	253029	261358	1.77%	0.456%
46	11.968	1677	1680	1682	rBV	397700	343934	2.33%	0.601%
47	12.392	1742	1752	1753	rBV5	5135664	14764626	100.00%	25.787%
48	12.468	1762	1765	1769	rVB	3836061	3830658	25.94%	6.690%
49	12.515	1769	1773	1774	rBV	839794	975337	6.61%	1.703%
50	12.533	1774	1776	1782	rVV	1179088	1388515	9.40%	2.425%
51	12.704	1801	1805	1807	rBV	416847	410653	2.78%	0.717%
52	12.733	1807	1810	1812	rVV	226767	174774	1.18%	0.305%
53	12.880	1832	1835	1838	rBV	563315	521854	3.53%	0.911%
54	13.021	1856	1859	1861	rBV	307588	270528	1.83%	0.472%
55	13.062	1861	1866	1868	rVV2	328783	581844	3.94%	1.016%
56	13.092	1868	1871	1872	rVV2	363939	391385	2.65%	0.684%
57	13.110	1872	1874	1881	rVB2	482725	482973	3.27%	0.844%
58	13.186	1883	1887	1893	rBV	800595	817102	5.53%	1.427%
59	13.357	1911	1916	1924	rVB7	169736	419955	2.84%	0.733%
60	13.427	1925	1928	1935	rVB	187443	181765	1.23%	0.317%
61	13.621	1957	1961	1965	rVB2	185170	265155	1.80%	0.463%
62	13.851	1997	2000	2006	rBV	741821	617886	4.18%	1.079%
63	13.957	2015	2018	2022	rVB	797229	716264	4.85%	1.251%
64	14.374	2085	2089	2095	rBV2	249153	363475	2.46%	0.635%
65	14.468	2102	2105	2108	rBV2	289463	276081	1.87%	0.482%
66	14.798	2156	2161	2171	rBV	935838	1290863	8.74%	2.255%
67	14.998	2192	2195	2203	rVB2	165738	218901	1.48%	0.382%
68	15.362	2254	2257	2263	rVB2	141957	194029	1.31%	0.339%
69	15.427	2264	2268	2273	rBV	374350	477936	3.24%	0.835%

Sum of corrected areas: 57256431

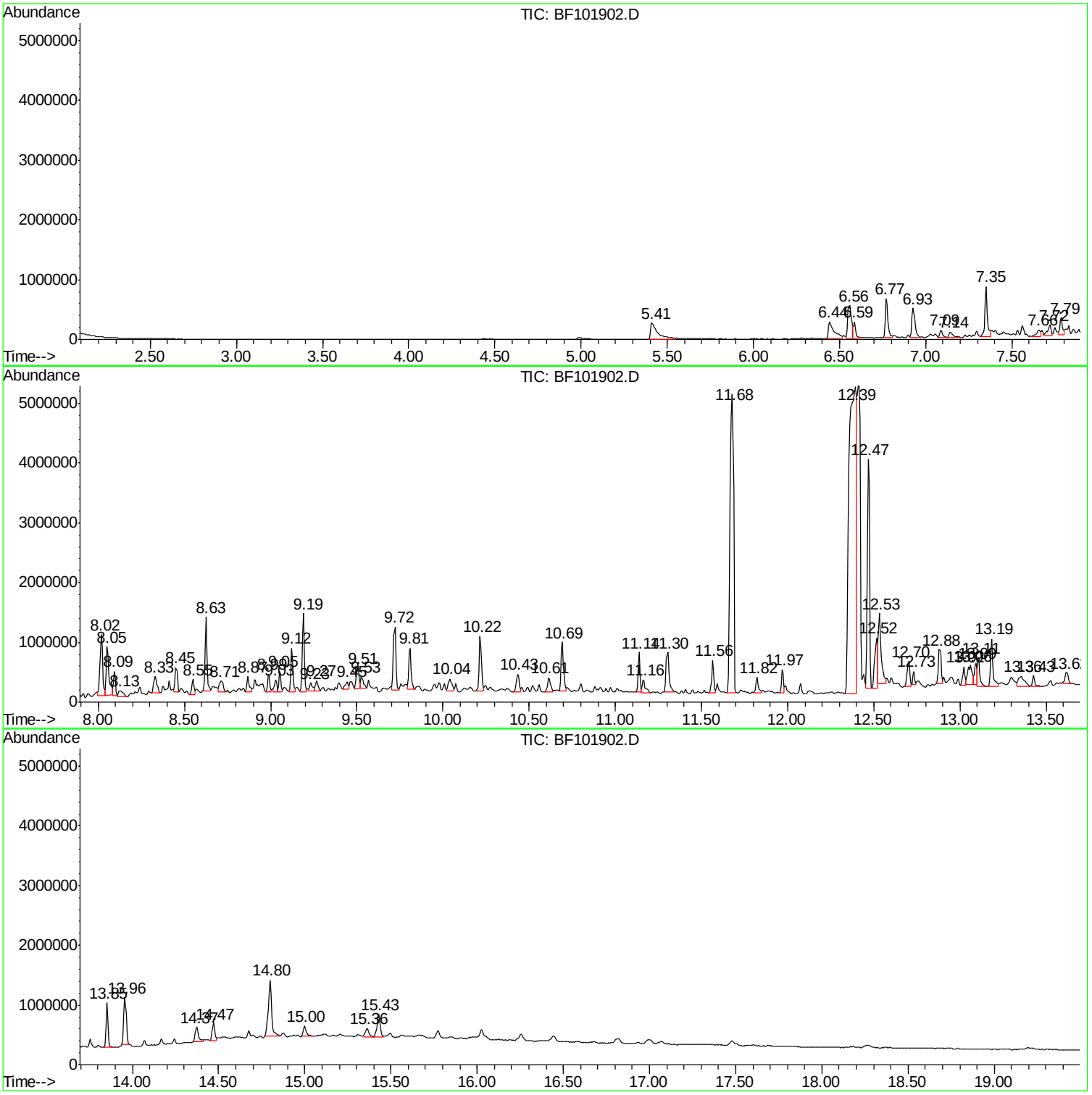
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

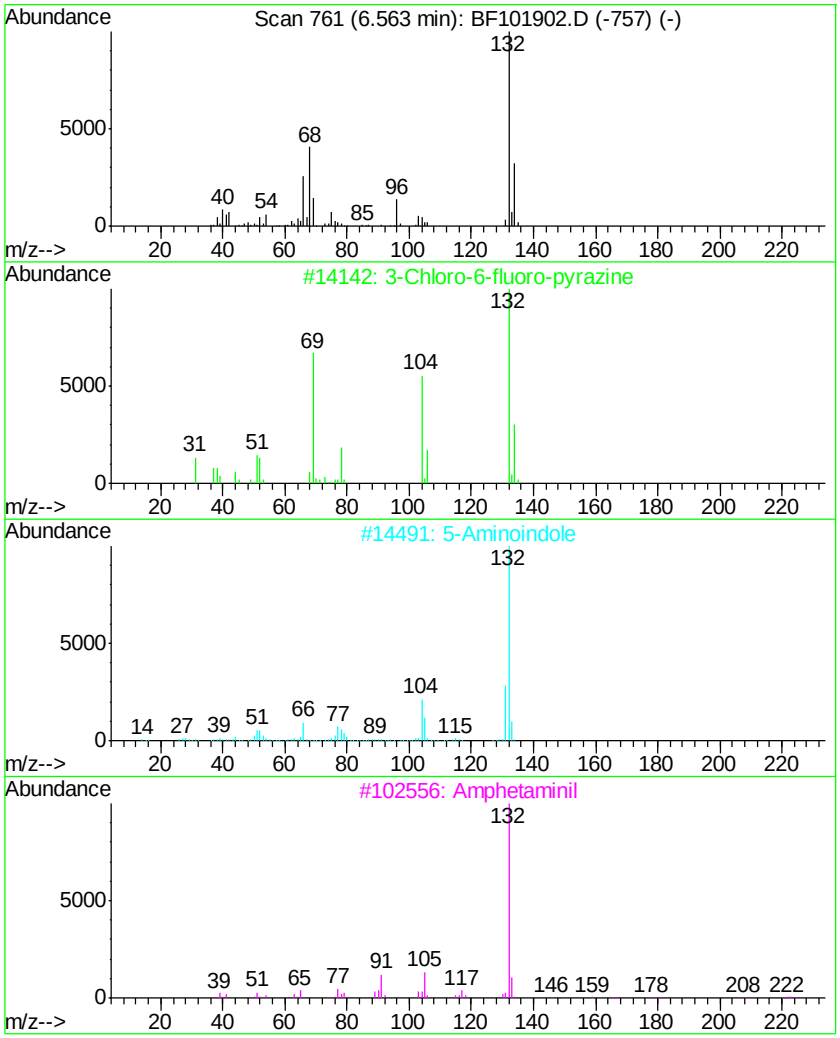
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

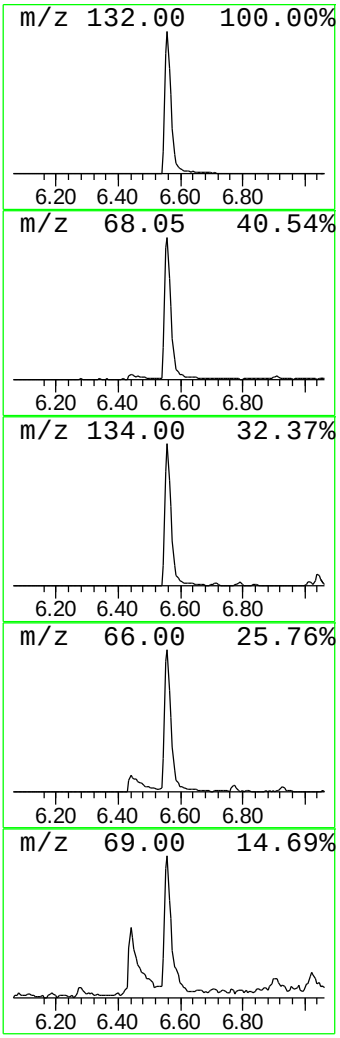
****

Peak Number 1 unknown6.56 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	19.71 ng	725227	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Amphetaminil	250	C17H18N2	017590-01-1	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

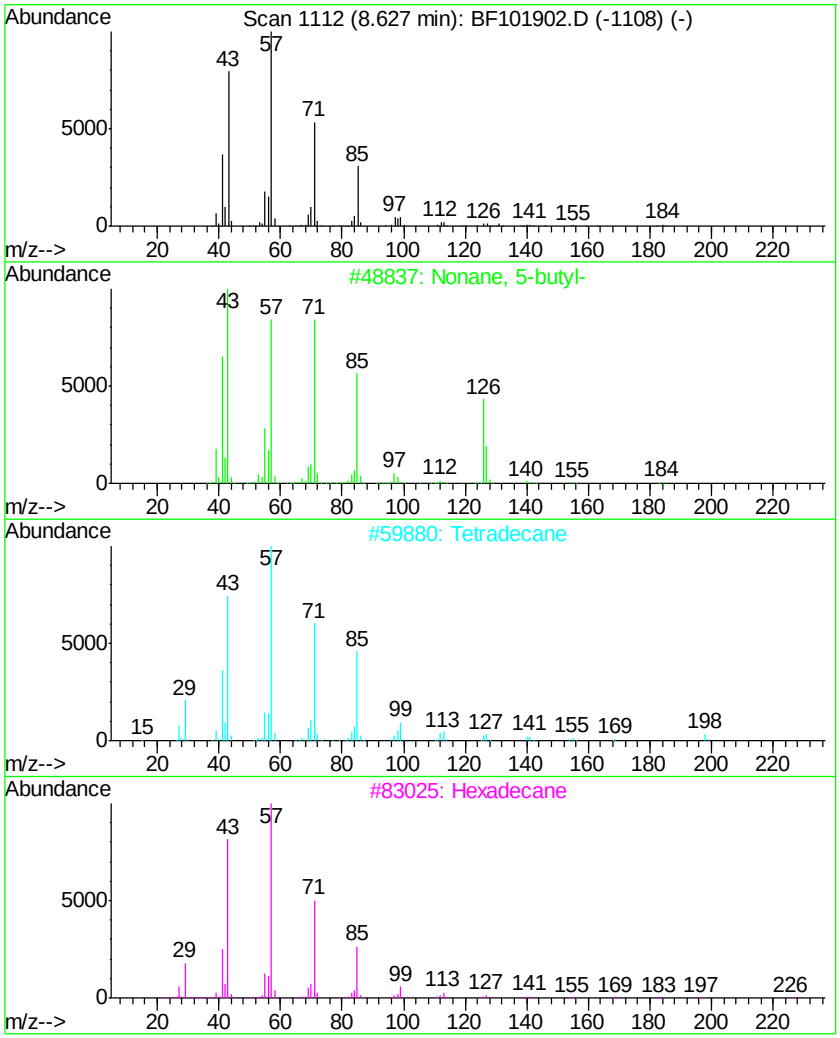
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

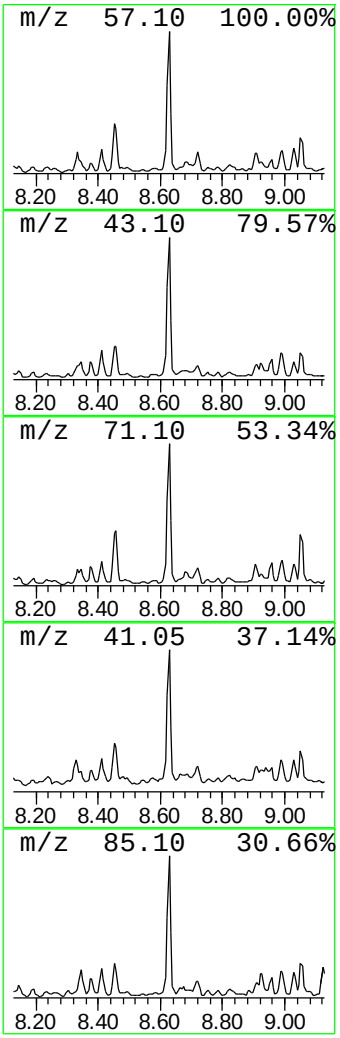
****

Peak Number 3 Nonane, 5-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	21.47 ng	1003630	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane	212	C15H32	000629-62-9	83
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

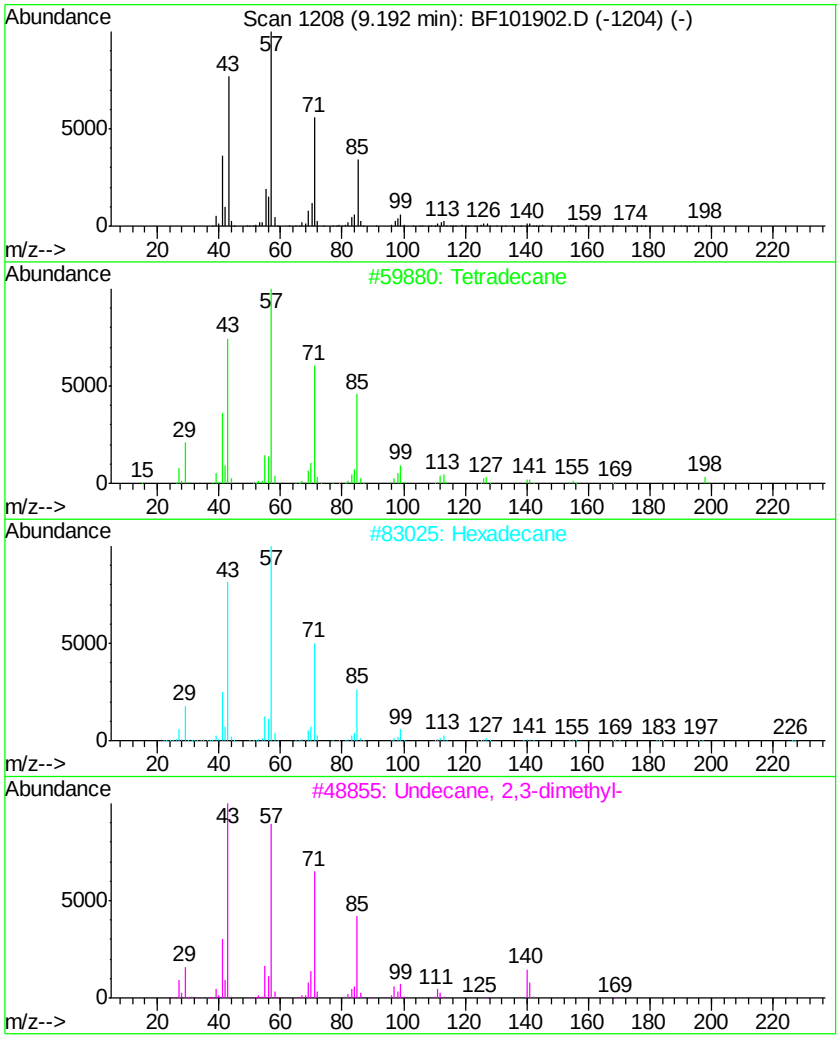
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

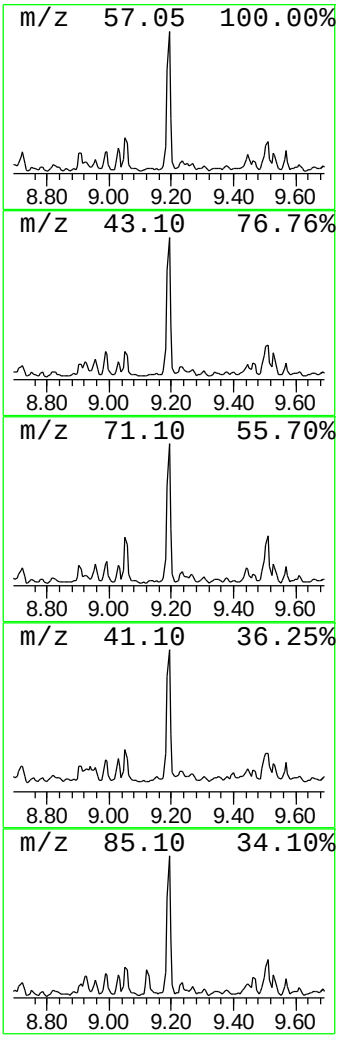
****

Peak Number 4 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	32.52 ng	1136050	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	83
4	Decane, 3-bromo-	220	C10H21Br	030571-71-2	80
5	Tridecane	184	C13H28	000629-50-5	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

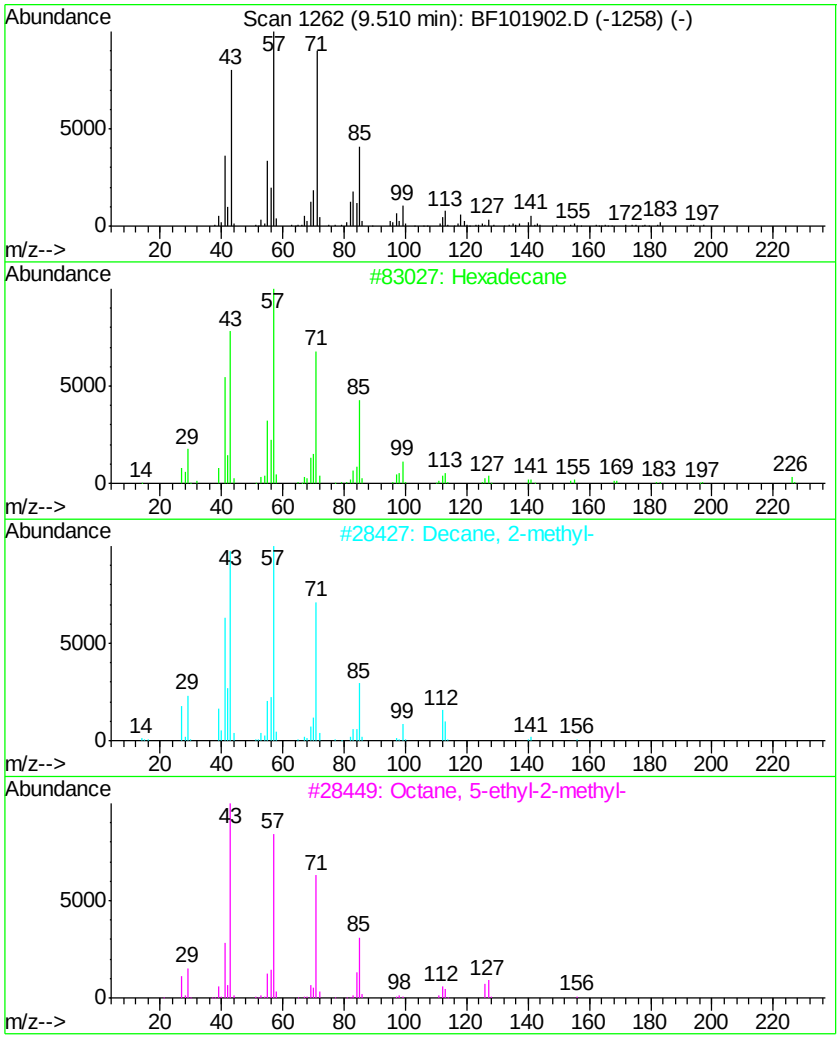
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

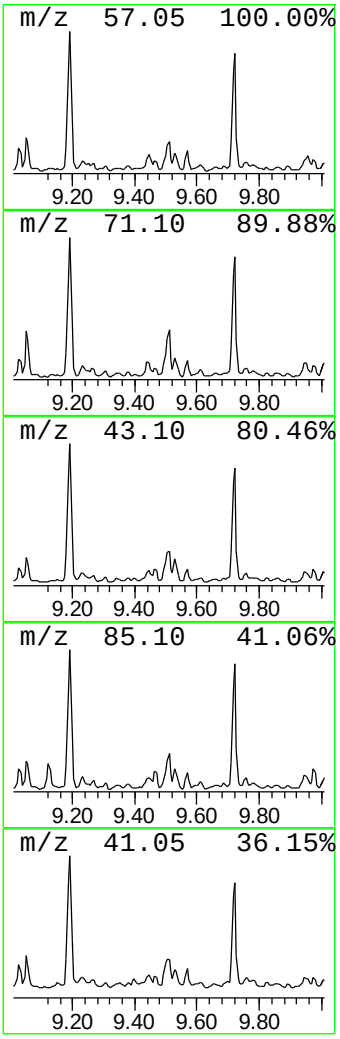
****

Peak Number 5 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	13.08 ng	456977	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Decane, 2-methyl-	156	C11H24	006975-98-0	86
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	83
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
5	Nonadecane	268	C19H40	000629-92-5	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

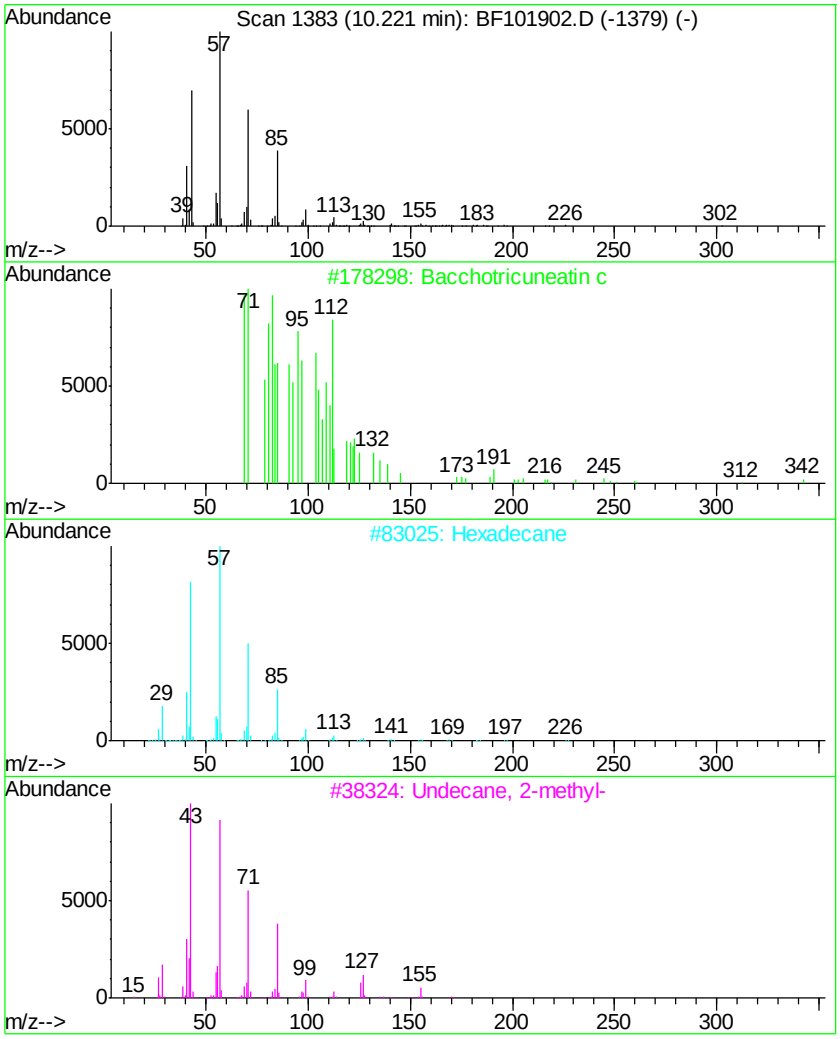
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

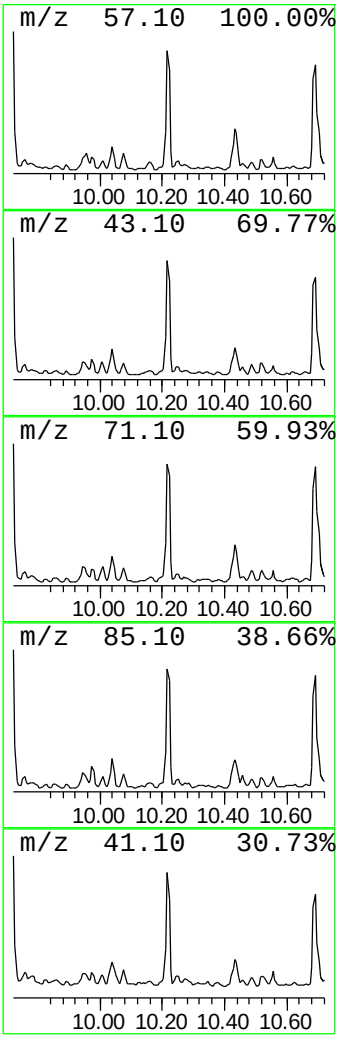
****

Peak Number 7 Bacchotricuneatin c Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	22.60 ng	789556	Acenaphthene-d10	9.81

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	96
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tridecane	184	C13H28	000629-50-5	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

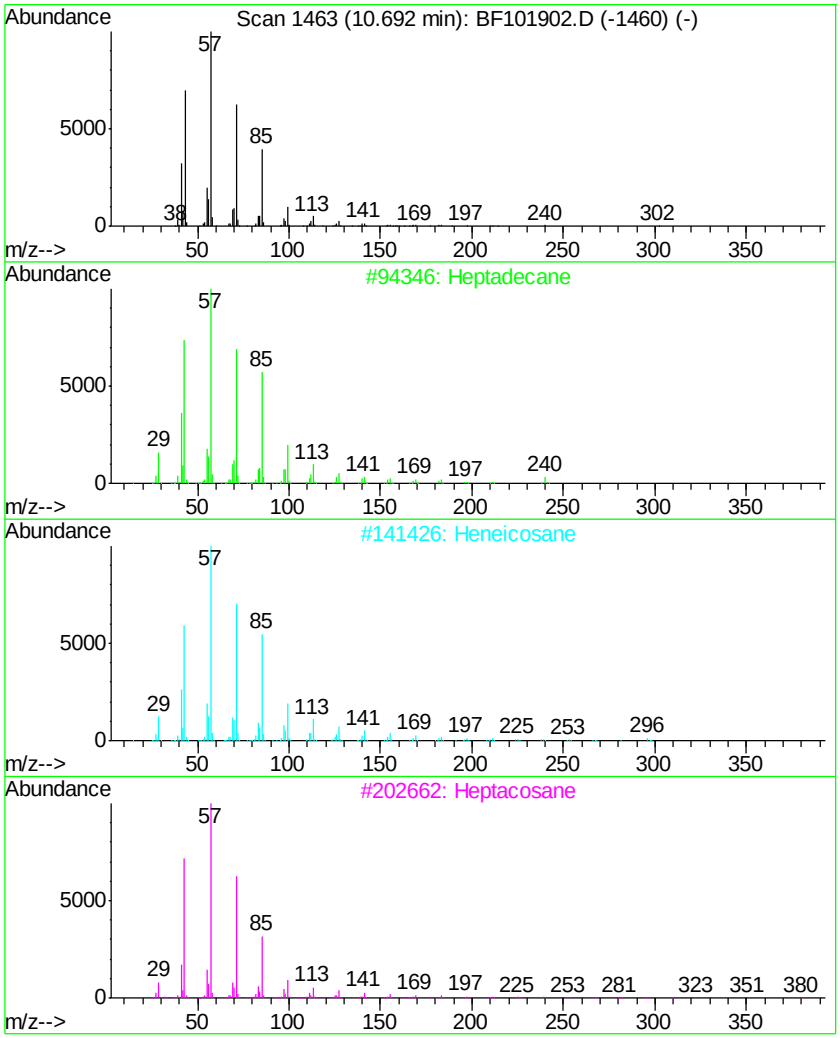
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

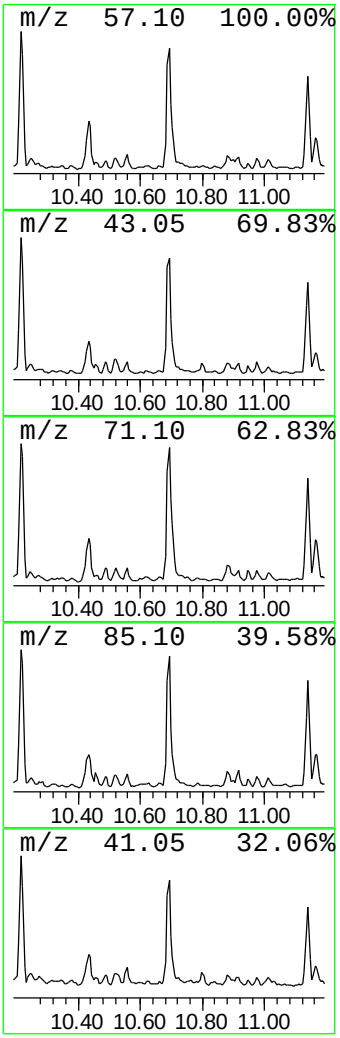
****

Peak Number 8 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	23.71 ng	859162	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptacosane	380	C27H56	000593-49-7	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

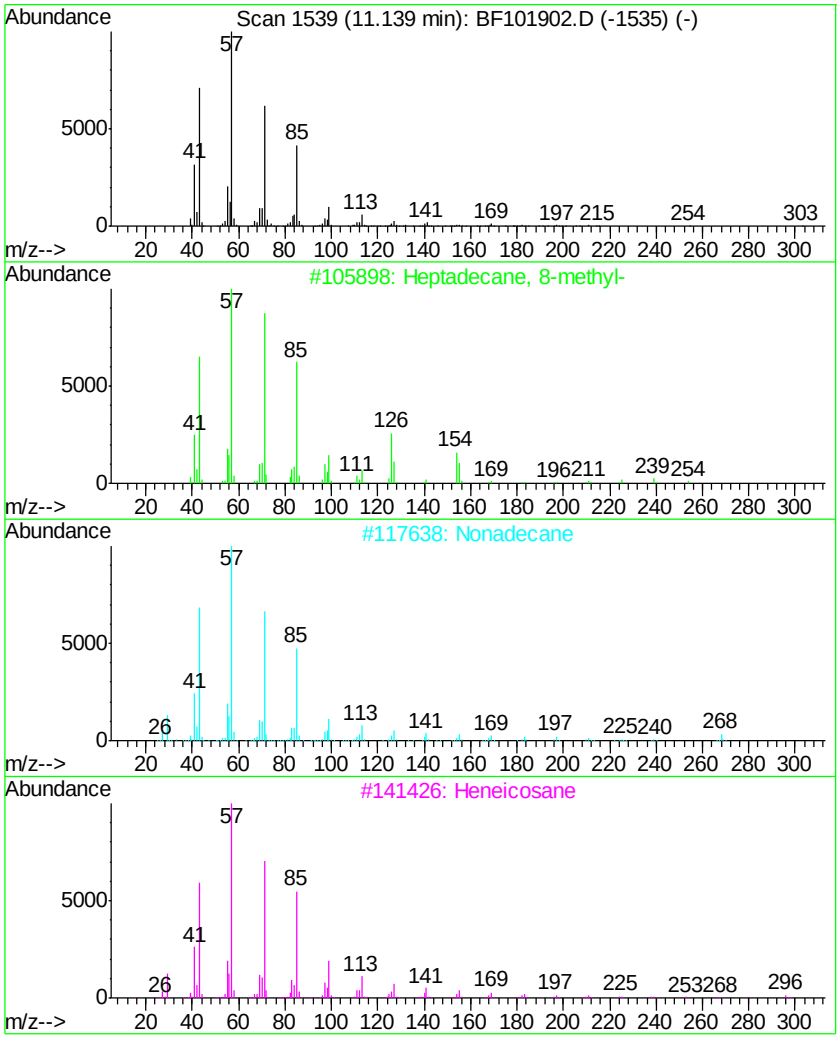
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

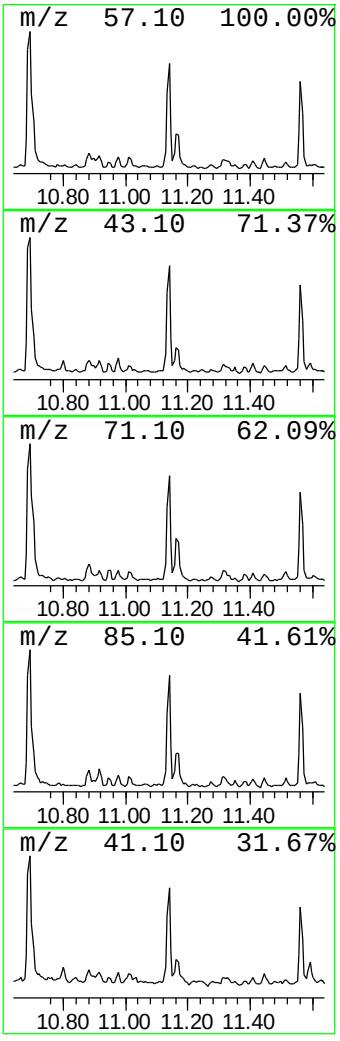
****

Peak Number 9 Heptadecane, 8-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	14.83 ng	537282	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

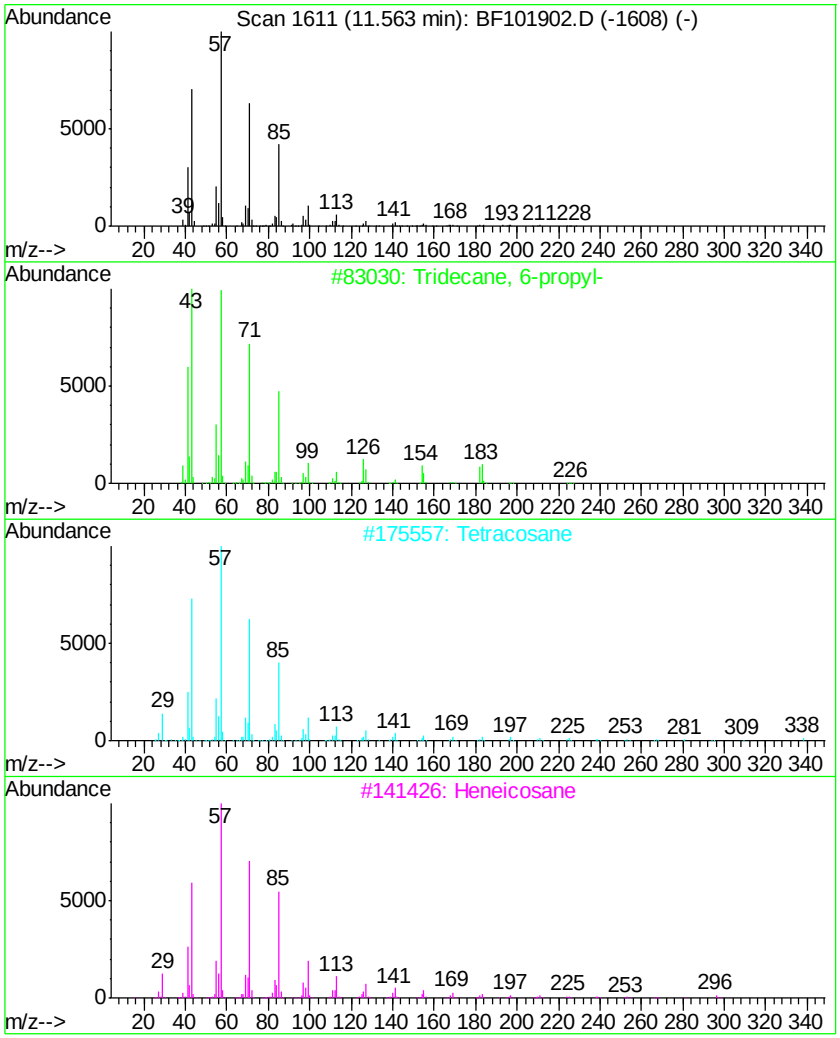
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

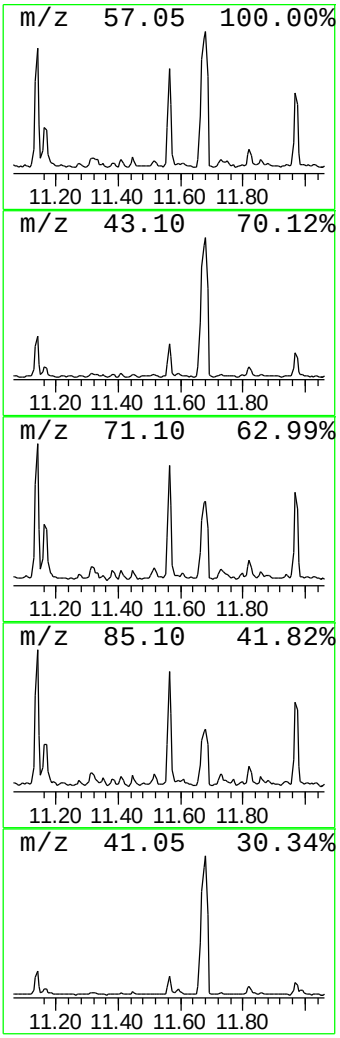
****

Peak Number 10 Tridecane, 6-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	11.89 ng	430724	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
2	Tetracosane	338	C24H50	000646-31-1	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Hexadecane	226	C16H34	000544-76-3	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

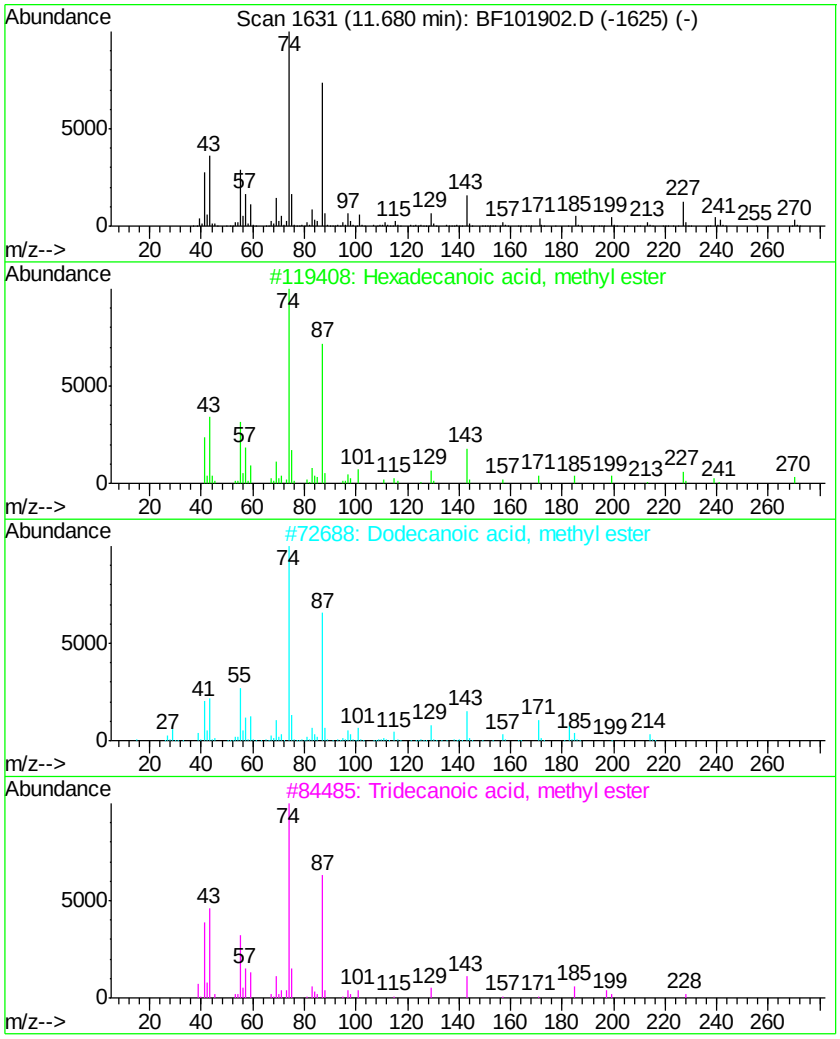
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

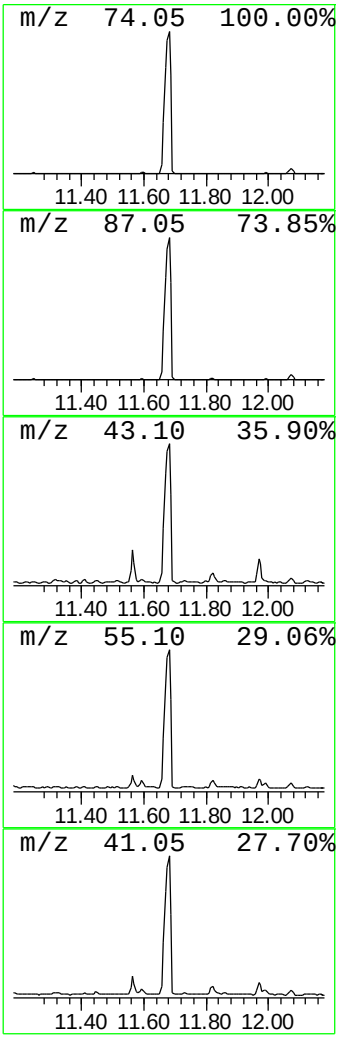
****

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	181.69 ng	6583030	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	94
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	92
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

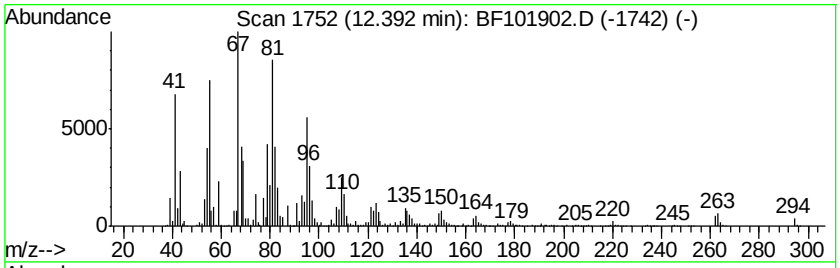
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

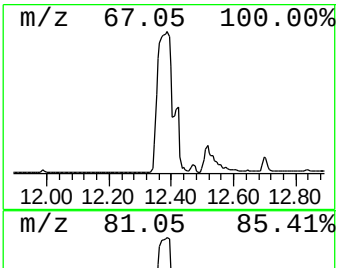
****

Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	407.51 ng	14764600	Phenanthrene-d10	11.30

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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

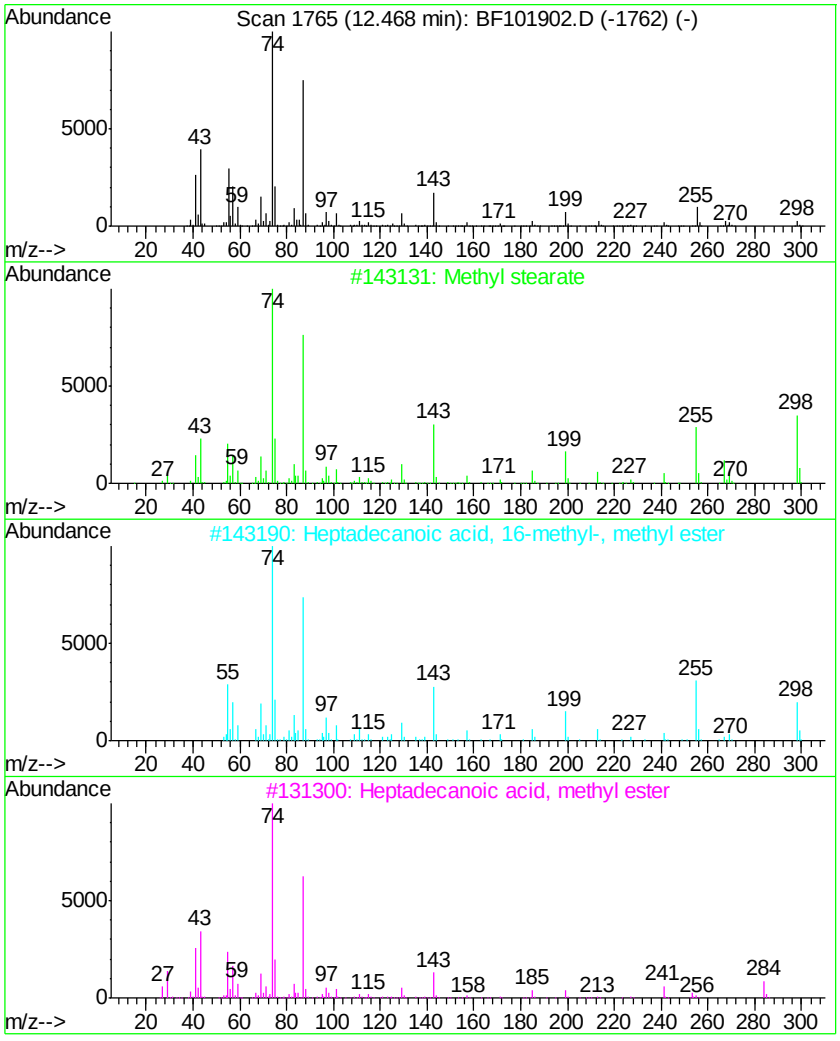
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

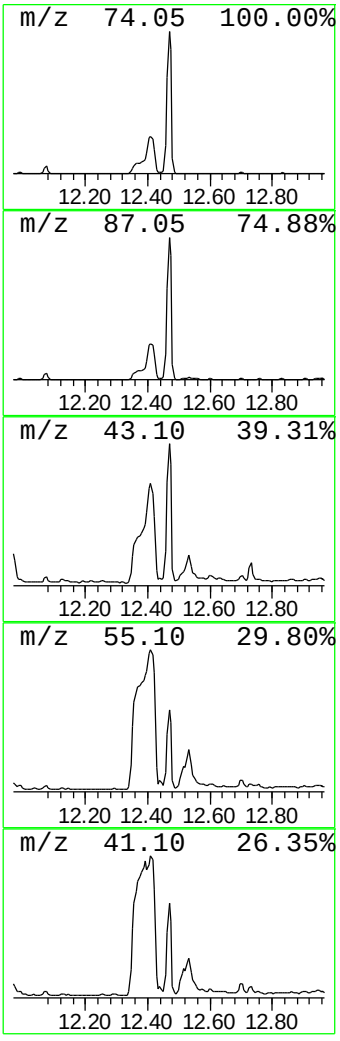
****

Peak Number 13 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	105.73 ng	3830660	Phenanthrene-d10	11.30

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	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

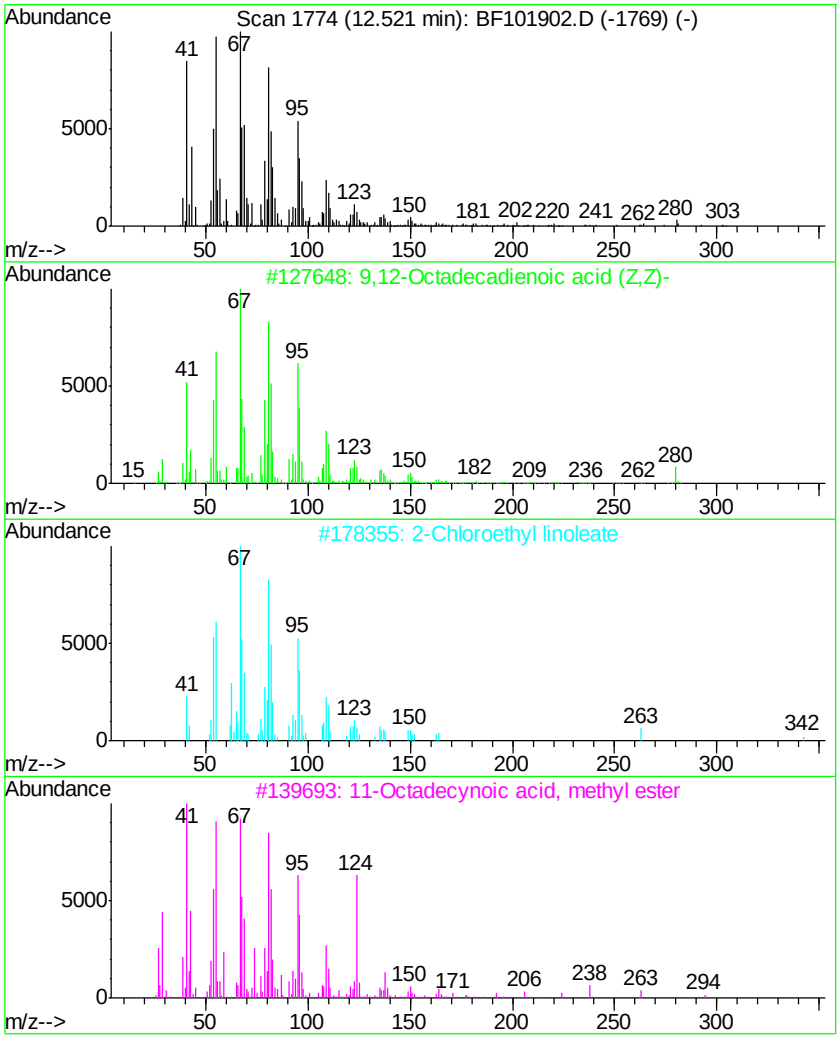
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

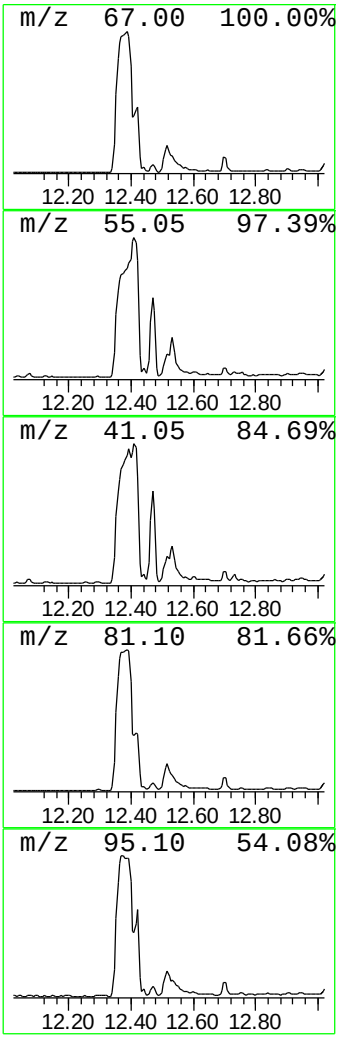
****

Peak Number 14 9,12-Octadecadienoic acid (... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	26.92 ng	975337	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	90
3	11-Octadecynoic acid, methyl ester	294	C19H34O2	026543-37-3	87
4	7-Hexadecyne	222	C16H30	074685-28-2	80
5	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

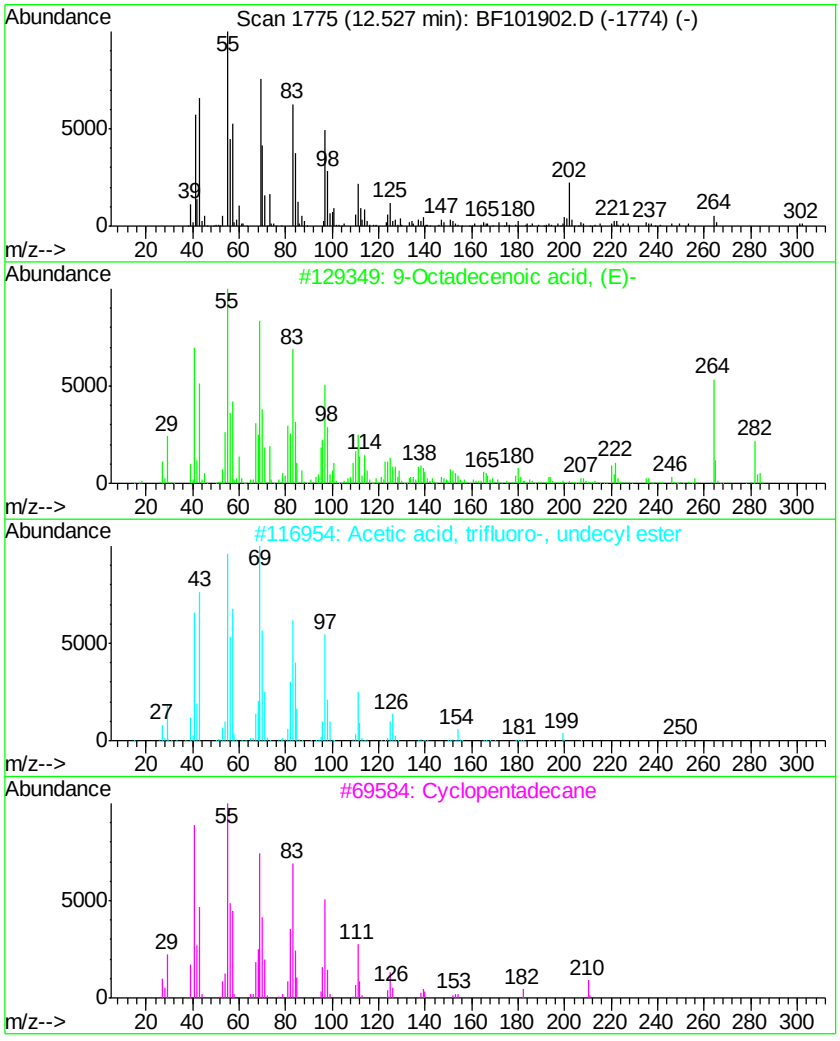
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

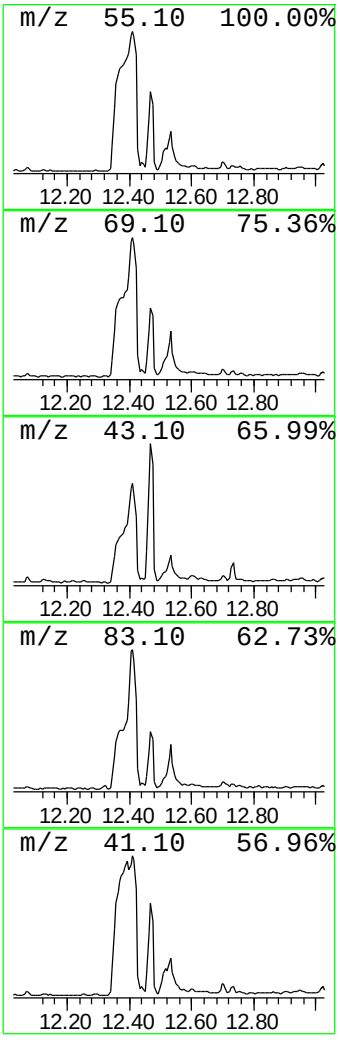
****

Peak Number 15 9-Octadecenoic acid, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	38.32 ng	1388520	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	90
2	Acetic acid, trifluoro-, undecyl...	268	C13H23F3O2	053800-01-4	83
3	Cyclopentadecane	210	C15H30	000295-48-7	72
4	2-Heptafluorobutyroxypentadecane	424	C19H31F7O2	1000245-50-0	58
5	Cyclotetradecane	196	C14H28	000295-17-0	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

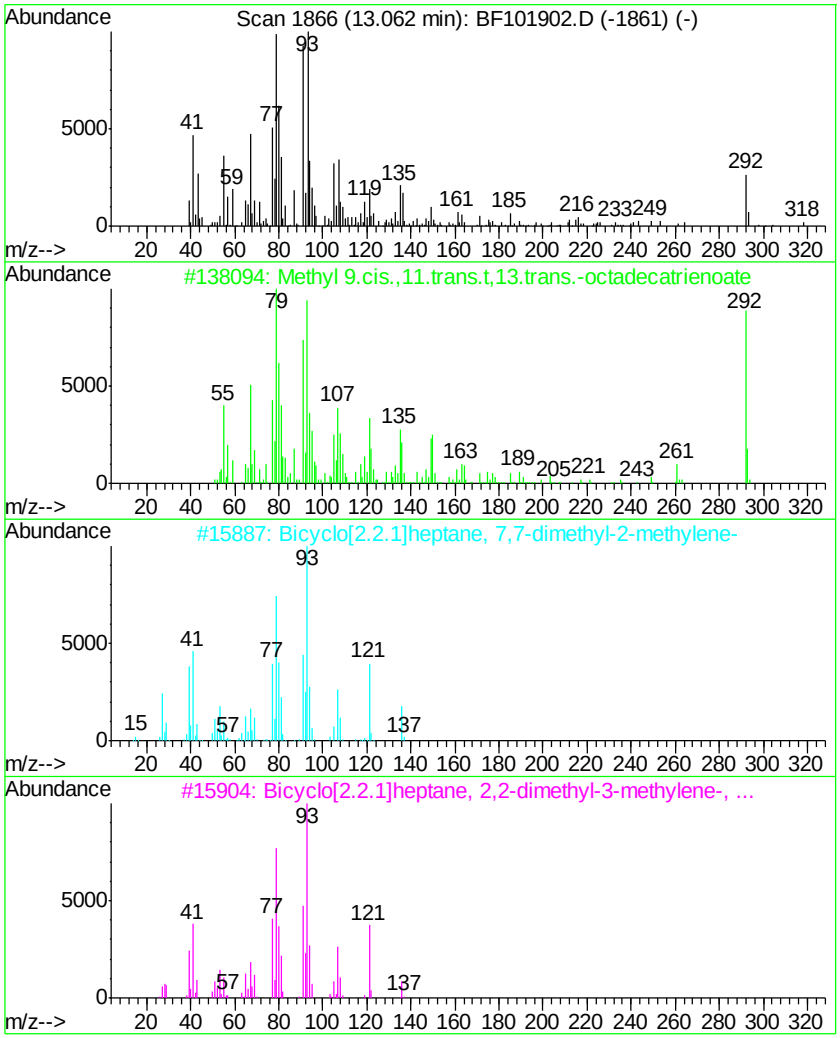
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

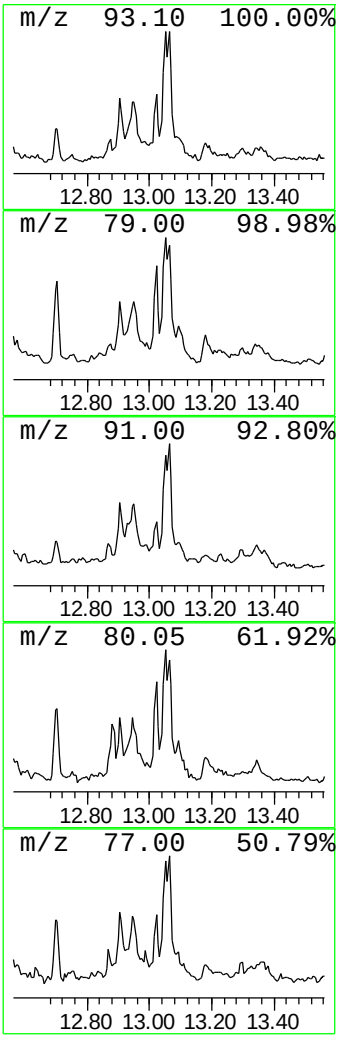
****

Peak Number 16 Methyl 9.cis.,11.trans.t,13... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	16.25 ng	581844	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	94
2	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	76
3	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	70
4	Methyl 8,11,14,17-eicosatetraenoate	318	C21H34O2	1000336-47-0	70
5	3-Undecen-1-yne, (Z)-	150	C11H18	074744-32-4	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

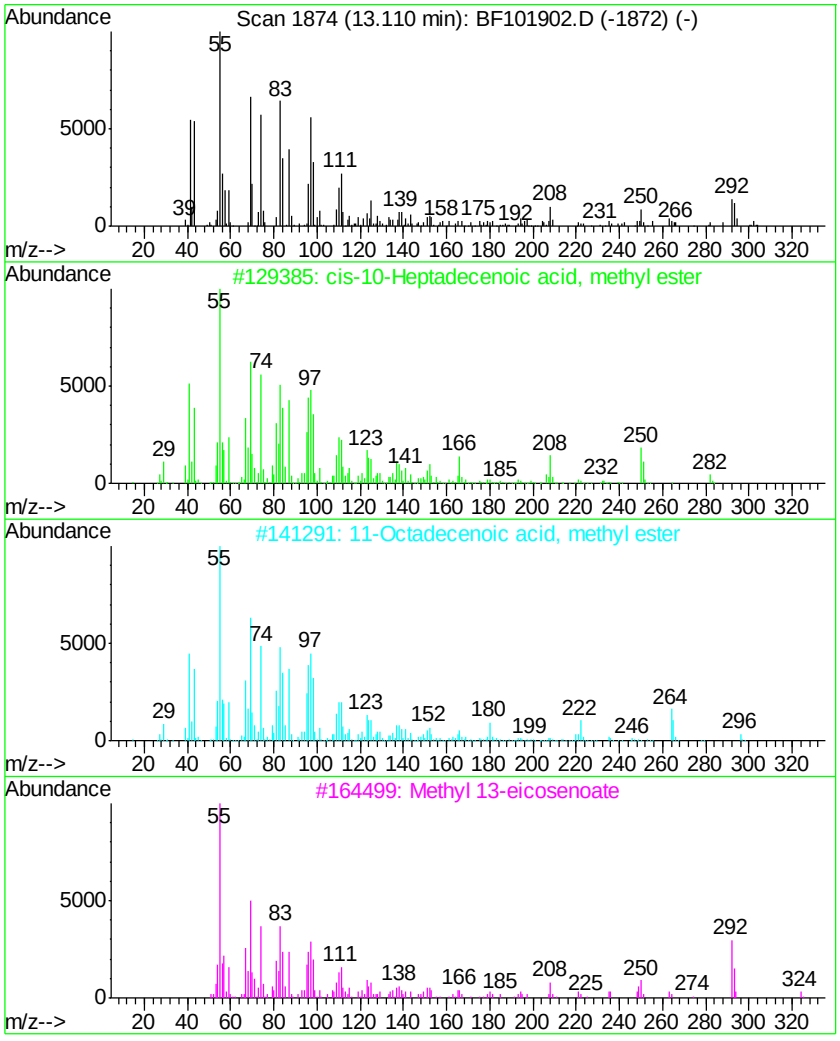
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

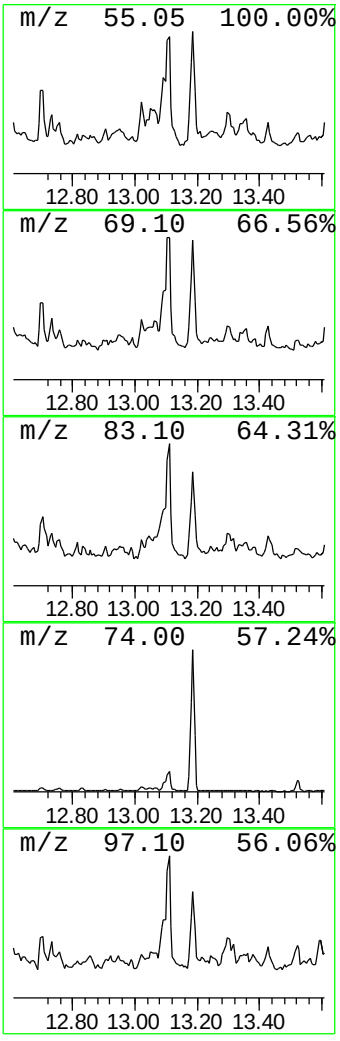
****

Peak Number 17 cis-10-Heptadecenoic acid, ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	13.49 ng	482973	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	93
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	59
3	Methyl 13-eicosenoate	324	C21H40O2	1000336-48-4	53
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	49
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

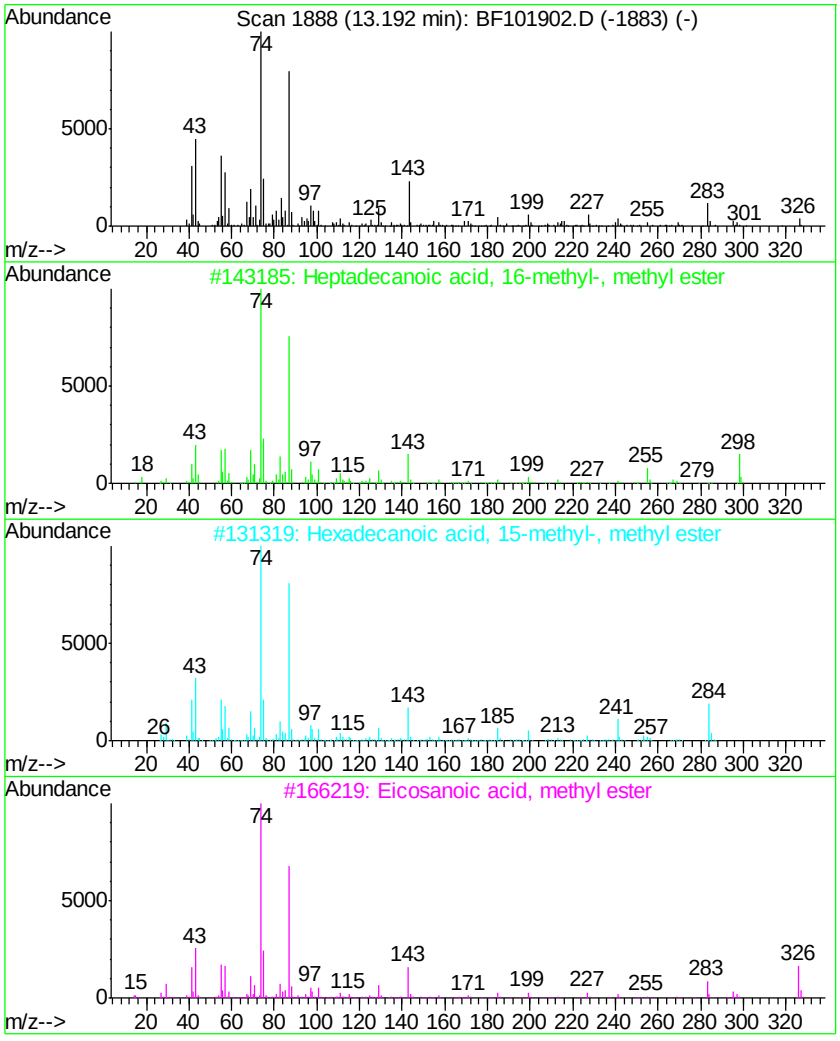
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

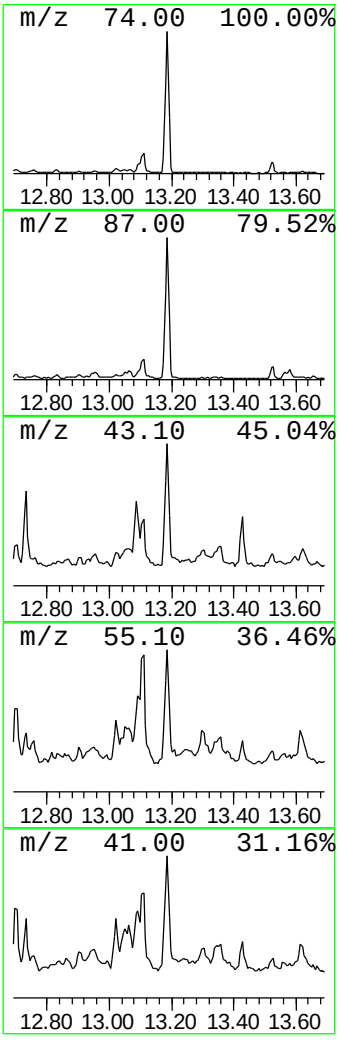
****

Peak Number 18 Heptadecanoic acid, 16-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	22.82 ng	817102	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	97
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	96
3	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	96
4	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	96
5	Methyl stearate	298	C19H38O2	000112-61-8	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

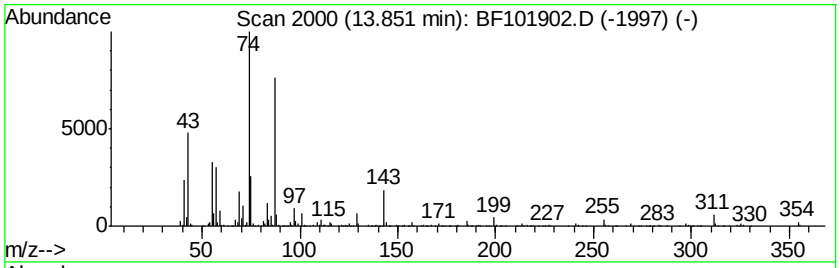
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

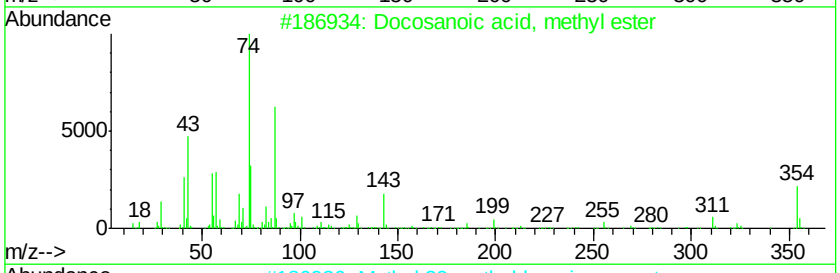
****

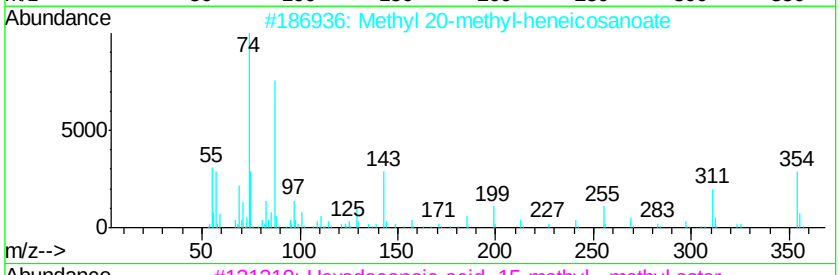
Peak Number 19 Docosanoic acid, methyl ester Concentration Rank 14

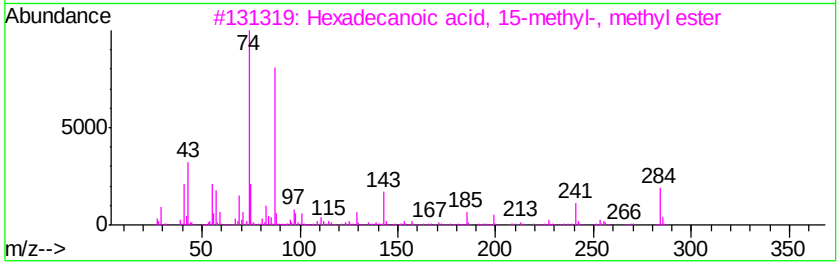
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	17.25 ng	617886	Chrysene-d12	13.96

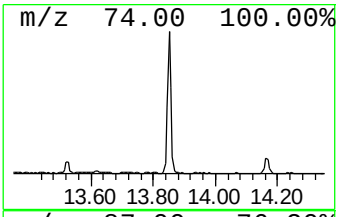
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
2	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	95
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93

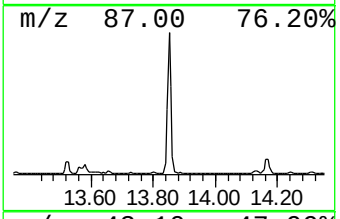


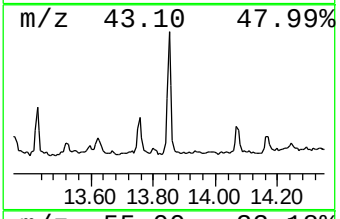


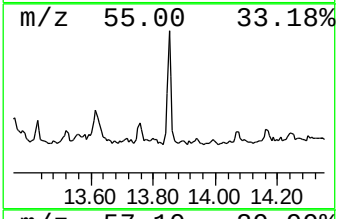


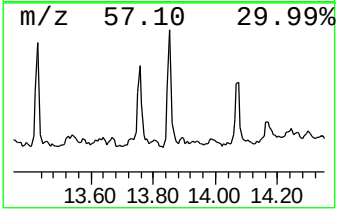












Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

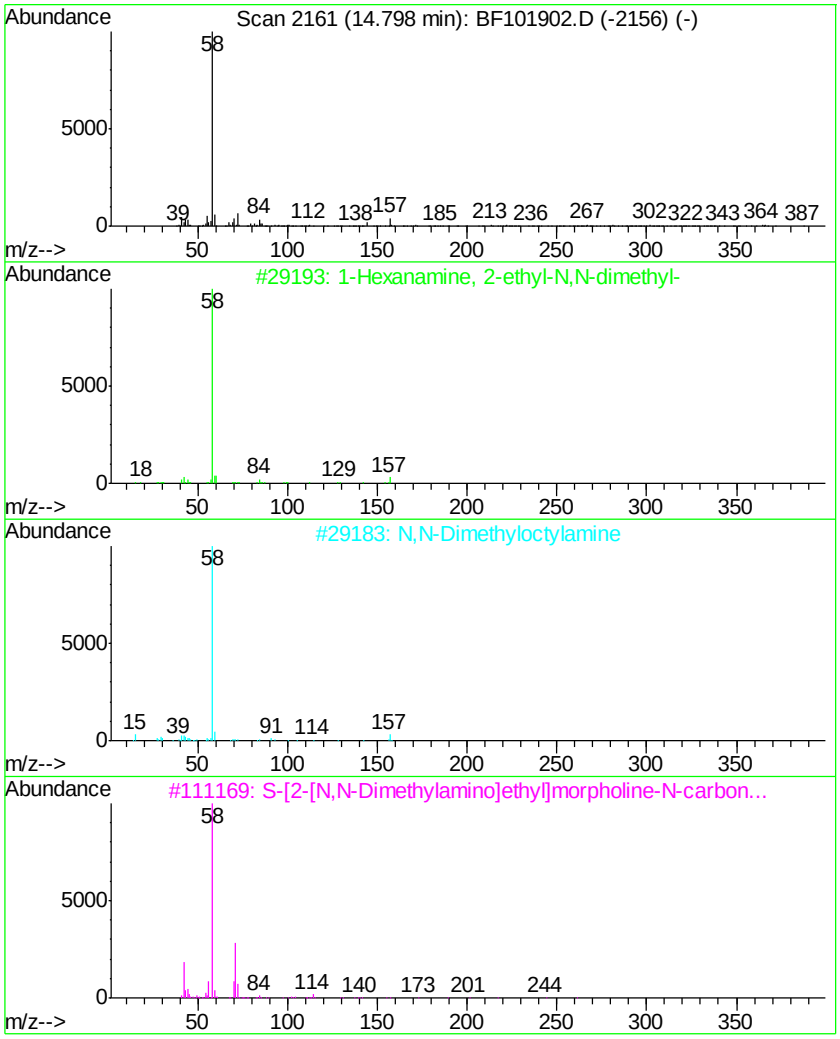
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

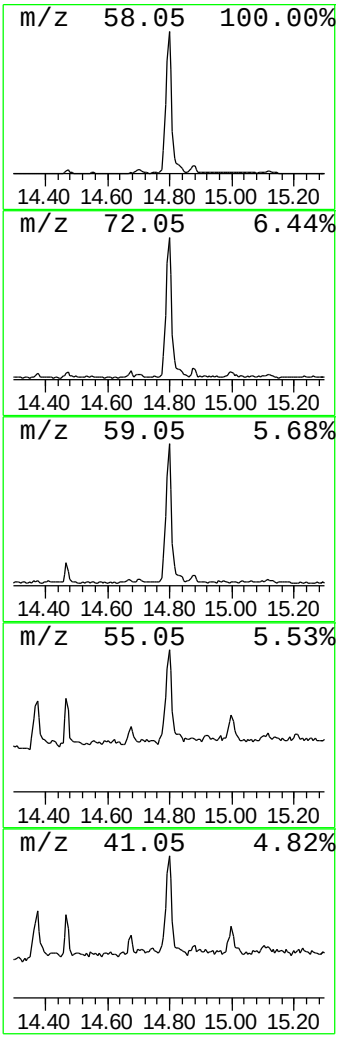
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1-Hexanamine, 2-ethyl-N,N-d... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	54.02 ng	1290860	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
2	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
3	S-[2-[N,N-Dimethylaminoethyl]mo...	261	C10H19N3O3S	1000212-14-3	64
4	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	64
5	Dimethyl((2,4,5-trimethylcyclohe...	183	C12H25N	091688-73-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010418\
Data File : BF101902.D
Acq On : 4 Jan 2018 20:22
Operator : SJ/JU
Sample : J1012-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
unknown6.56	6.56	19.7	ng	725227	1	6.77	735810	20.0
Nonane, 5-butyl-	8.63	21.5	ng	1003630	2	8.05	934975	20.0
Tetradecane	9.19	32.5	ng	1136050	3	9.81	698708	20.0
Hexadecane	9.51	13.1	ng	456977	3	9.81	698708	20.0
Bacchotricuneatin c	10.22	22.6	ng	789556	3	9.81	698708	20.0
Heptadecane	10.69	23.7	ng	859162	4	11.30	724636	20.0
Heptadecane, 8-me...	11.14	14.8	ng	537282	4	11.30	724636	20.0
Tridecane, 6-propyl-	11.56	11.9	ng	430724	4	11.30	724636	20.0
Hexadecanoic acid...	11.68	181.7	ng	6583030	4	11.30	724636	20.0
9,12-Octadecadien...	12.39	407.5	ng	14764600	4	11.30	724636	20.0
Methyl stearate	12.47	105.7	ng	3830660	4	11.30	724636	20.0
9,12-Octadecadien...	12.52	26.9	ng	975337	4	11.30	724636	20.0
9-Octadecenoic ac...	12.53	38.3	ng	1388520	4	11.30	724636	20.0
Methyl 9.cis.,11....	13.06	16.3	ng	581844	5	13.96	716264	20.0
cis-10-Heptadecen...	13.11	13.5	ng	482973	5	13.96	716264	20.0
Heptadecanoic aci...	13.19	22.8	ng	817102	5	13.96	716264	20.0
Docosanoic acid, ...	13.85	17.3	ng	617886	5	13.96	716264	20.0
1-Hexanamine, 2-e...	14.80	54.0	ng	1290860	6	15.43	477936	20.0