LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

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-BF102318.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	2.246	23	27	40	rVB	129400	196542	1.49%	0.435%
2	5.569	588	592	611	rVB	937509	948190	7.21%	2.099%
3	6.575	759	763	778	rBV	1056443	1038089	7.89%	2.298%
4	6.722	784	788	794	rBV	1273229	1048990	7.97%	2.322%
5	6.951	824	827	834	rBV	623846	559277	4.25%	1.238%
6	7.110	850	854	862	rVB	936403	831522	6.32%	1.840%
7	7.516	919	923	930	rBV	624333	665311	5.06%	1.473%
8	8.239	1042	1046	1051	rVV	689310	744315	5.66%	1.647%
9	8.810	1138	1143	1147	rBV2	180159	179268	1.36%	0.397%
10	9.057	1182	1185	1189	rBV3	139808	169680	1.29%	0.376%
11	9.310	1224	1228	1232	rBV	1246886	1094517	8.32%	2.423%
12	9.375	1236	1239	1243	rVB	326140	263614	2.00%	0.583%
13	9.698	1290	1294	1298	rBV2	201891	260445	1.98%	0.576%
14	9.904	1326	1329	1333	rVB	446953	349395	2.66%	0.773%
15	9.998	1342	1345	1349	rVB	667643	600953	4.57%	1.330%
16	10.404	1411	1414	1417	rBV	509517	402072	3.06%	0.890%
17	10.622	1446	1451	1454	rBV	196980	241579	1.84%	0.535%
18	10.786	1476	1479	1487	rBV	462306	523058	3.97%	1.158%
19	10.874	1491	1494	1504	rVB	476080	621520	4.72%	1.376%
20	11.327	1567	1571	1573	rBV	386484	325052	2.47%	0.719%
21	11.486	1595	1598	1601	rBV	577870	560350	4.26%	1.240%
22	11.510	1601	1602	1606	rVB	195871	138209	1.05%	0.306%
23	11.751	1640	1643	1646	rVB	325992	258461	1.96%	0.572%
24	11.863	1657	1662	1665	rVB	5078849	4395368	33.40%	9.729%
25	11.992	1681	1684	1692	rBV3	207522	290356	2.21%	0.643%
26	12.157	1709	1712	1715	rBV	263698	253894	1.93%	0.562%
27	12.563	1774	1781	1783	rBV	7404132	13158725	100.00%	29.125%
28	12.586	1783	1785	1790	rVV2	7343027	7351824	55.87%	16.272%
29	12.651	1793	1796	1799	rVB	2434443	1922159	14.61%	4.254%
30	12.710	1803	1806	1809	rVB	503881	441621	3.36%	0.977%
31	12.886	1833	1836	1839	rVB	380607	322352	2.45%	0.713%
32	12.921	1839	1842	1843	rVV	225821	180150	1.37%	0.399%
33	12.939	1843	1845	1850	rVB	250684	270515	2.06%	0.599%
34	13.068	1864	1867	1870	rBV	860477	701056	5.33%	1.552%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.210	1888	1891	1893	rBV	344834	282616	2.15%	0.626%
36	13.274	1900	1902	1904	rBV2	155913	156462	1.19%	0.346%
37	13.298	1904	1906	1910	rVB2	179906	155086	1.18%	0.343%
38	13.374	1915	1919	1921	rBV	310361	284221	2.16%	0.629%
39	13.615	1957	1960	1965	rBV	150986	136321	1.04%	0.302%
40	13.945	2013	2016	2021	rVB3	189295	171430	1.30%	0.379%
41	14.039	2029	2032	2036	rBV	225574	214110	1.63%	0.474%
42	14.086	2037	2040	2042	rVV	151052	138337	1.05%	0.306%
43	14.133	2044	2048	2051	rVV2	525827	653430	4.97%	1.446%
44	14.162	2051	2053	2060	rVB	126544	132406	1.01%	0.293%
45	14.562	2118	2121	2129	rBV2	241423	307573	2.34%	0.681%
46	14.886	2173	2176	2179	rVB	137985	134191	1.02%	0.297%
47	15.015	2194	2198	2207	rVB	307341	459270	3.49%	1.017%
48	15.233	2233	2235	2241	rVB	179008	194301	1.48%	0.430%
49	15.662	2305	2308	2312	rVB	208654	272808	2.07%	0.604%
50	16.086	2377	2380	2388	rVB2	113427	178742	1.36%	0.396%

Sum of corrected areas: 45179733

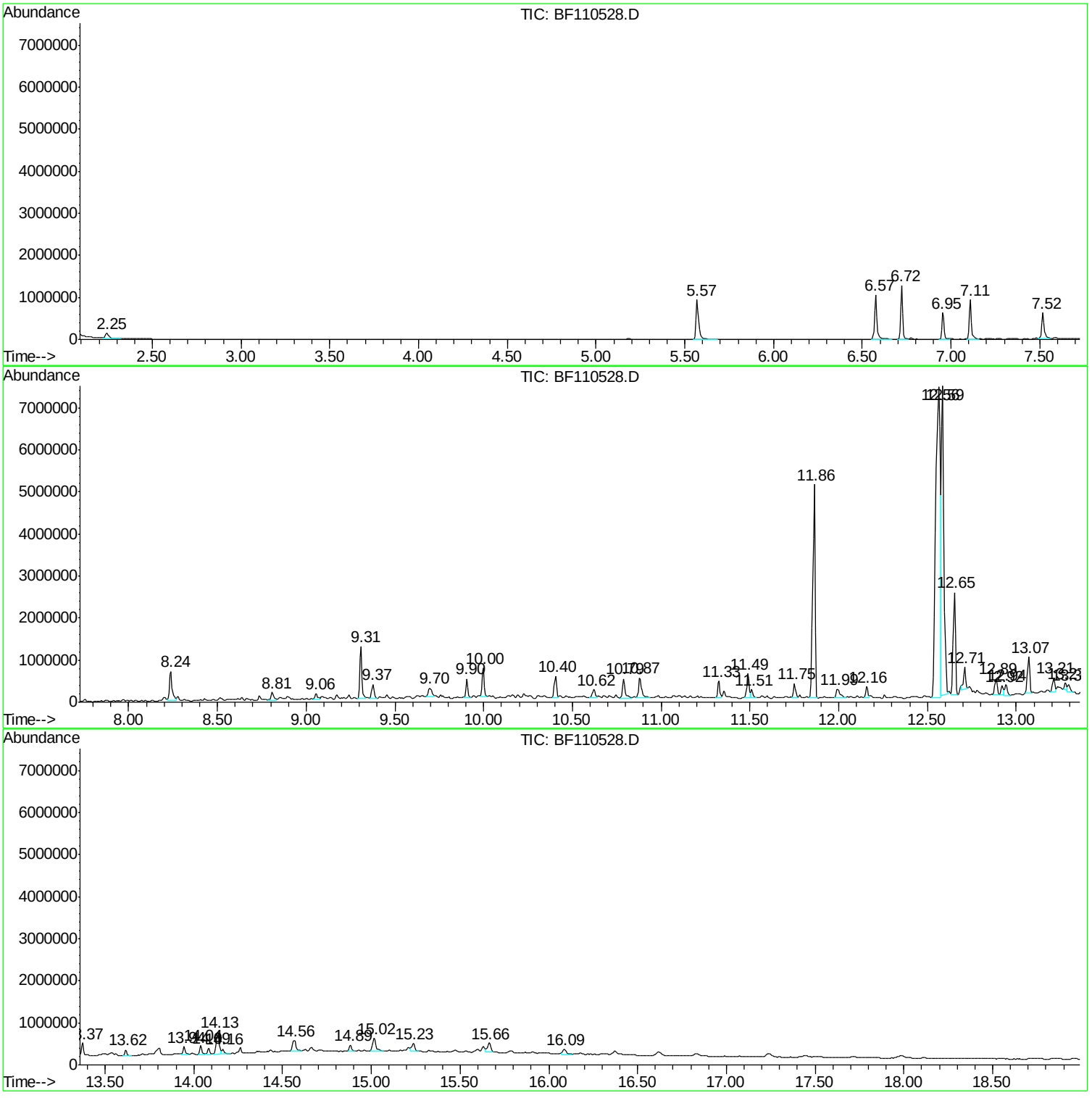
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

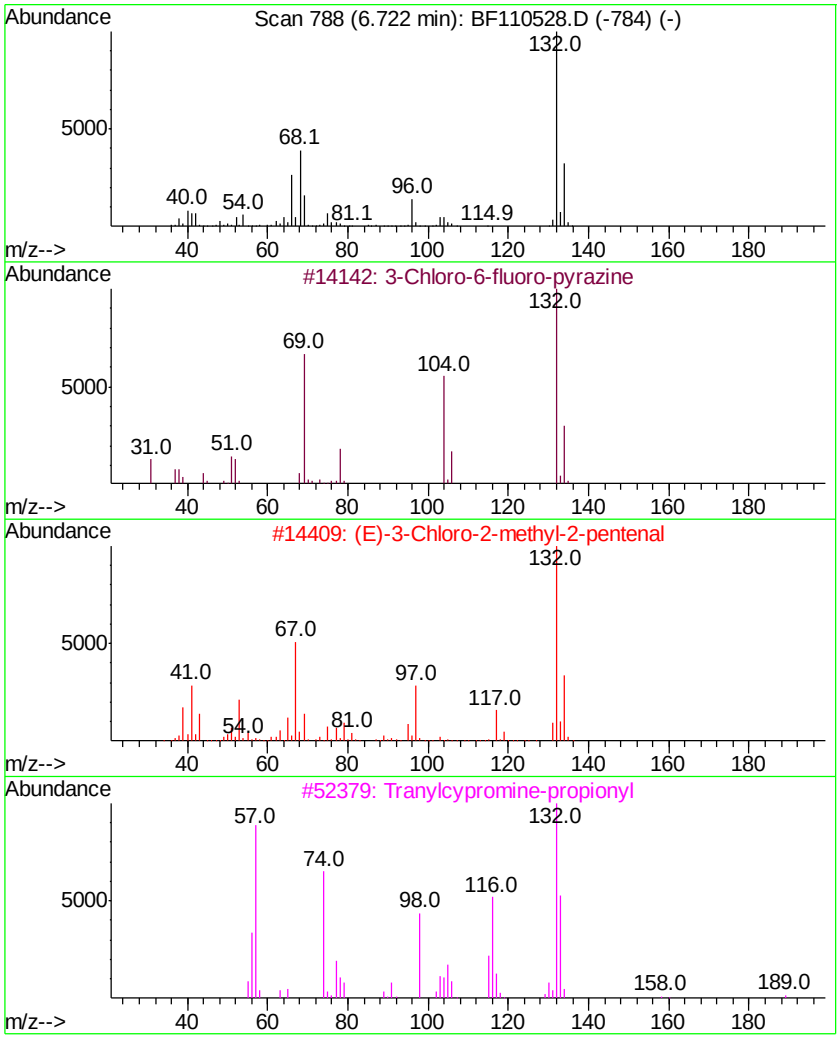
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

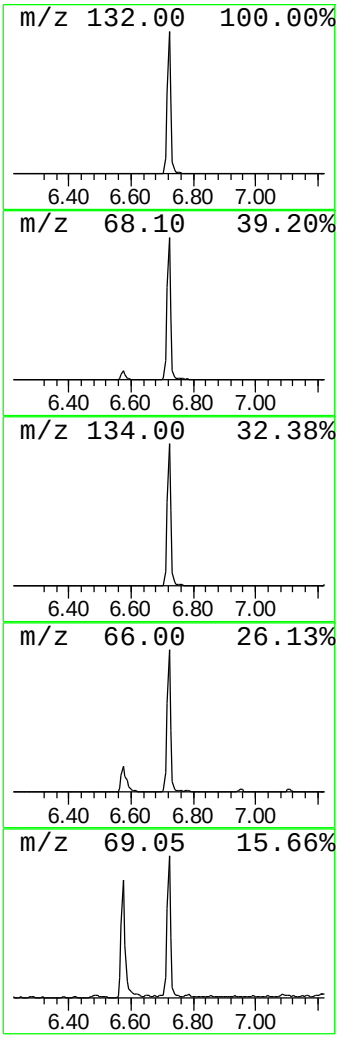
****

Peak Number 1 unknown6.72 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	37.51 ng	1048990	1,4-Dichlorobenzene-d4	6.95

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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

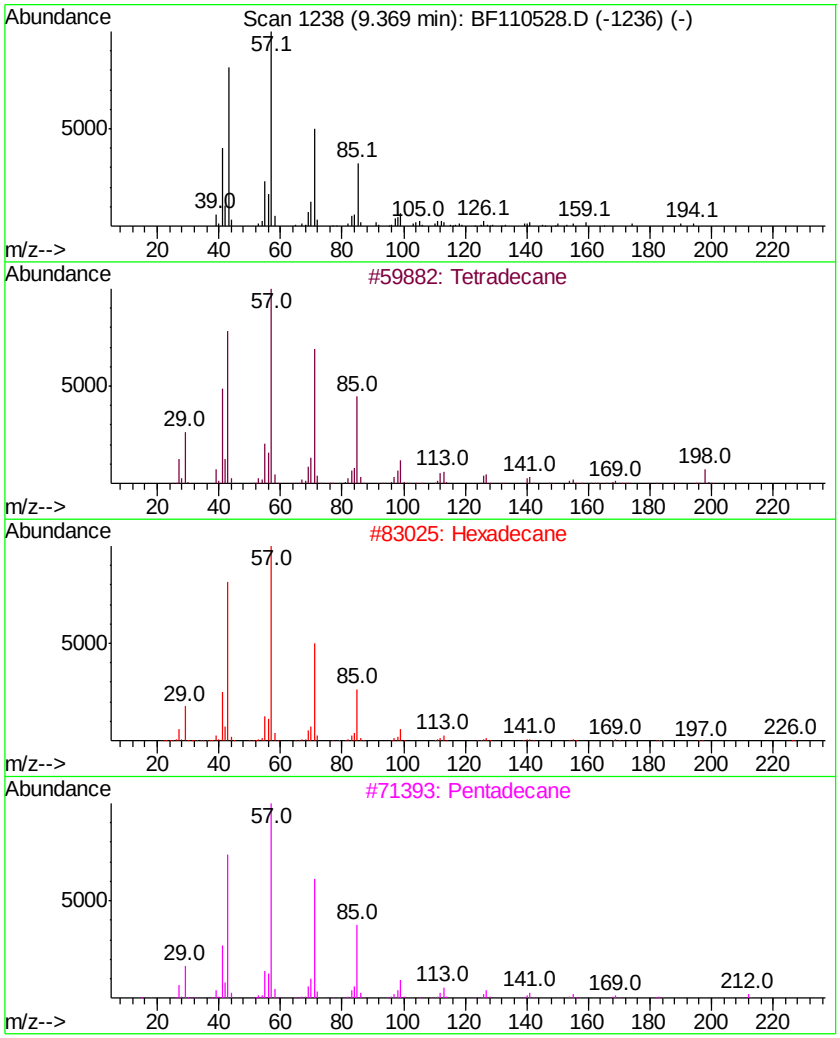
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

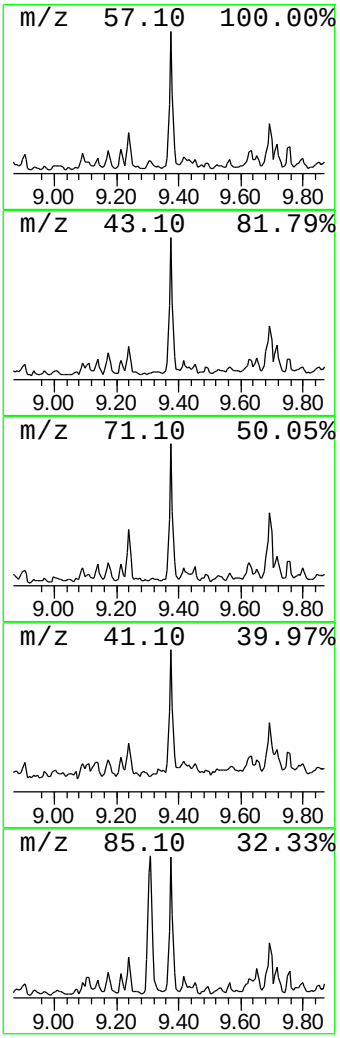
****

Peak Number 3 Undecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	8.77 ng	263614	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Undecane	156	C11H24	001120-21-4	86
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

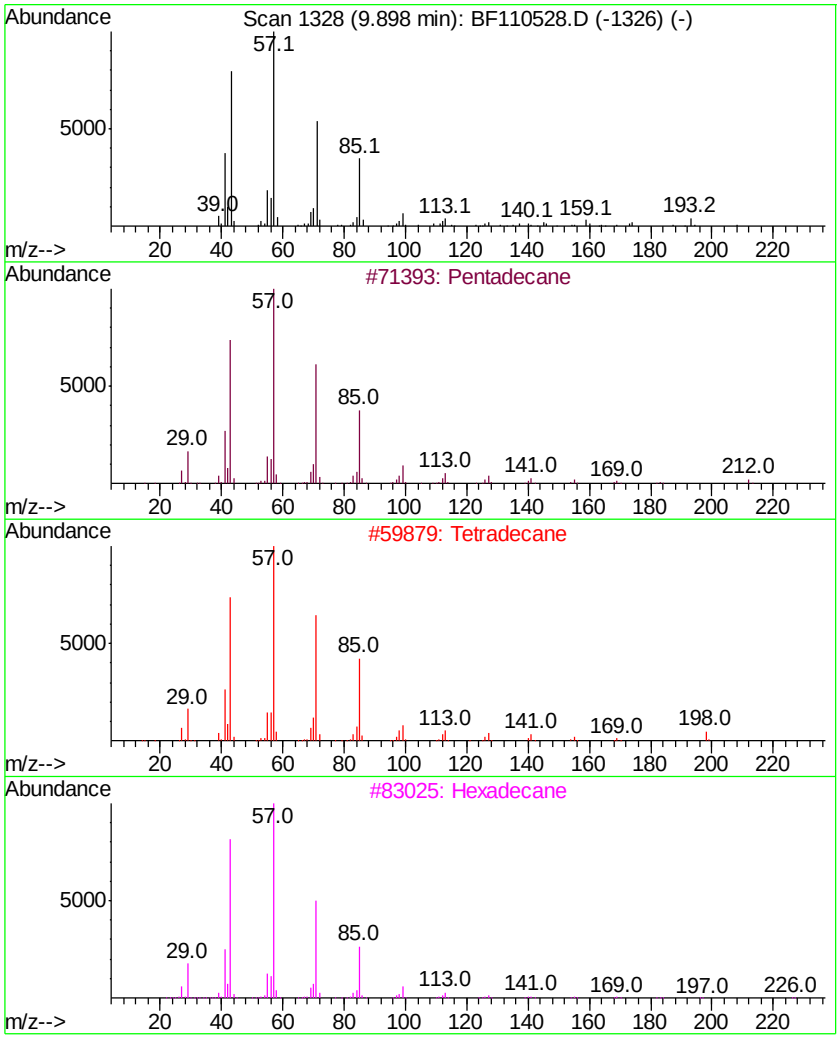
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

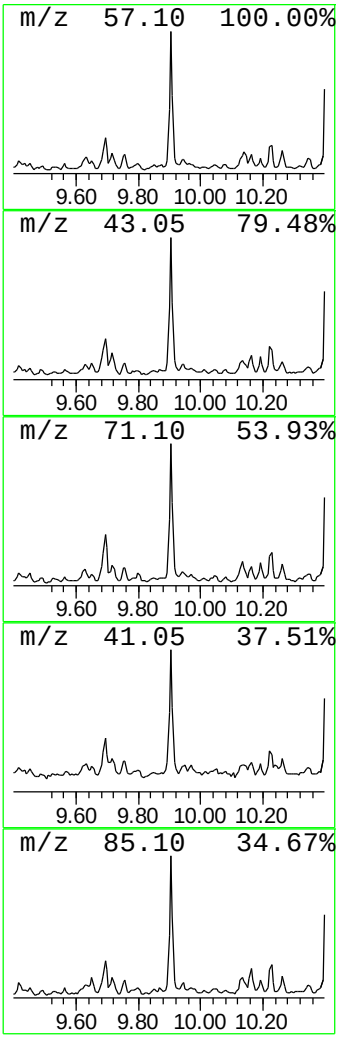
****

Peak Number 4 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	11.63 ng	349395	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Octacosane	394	C28H58	000630-02-4	83
5	Tridecane	184	C13H28	000629-50-5	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

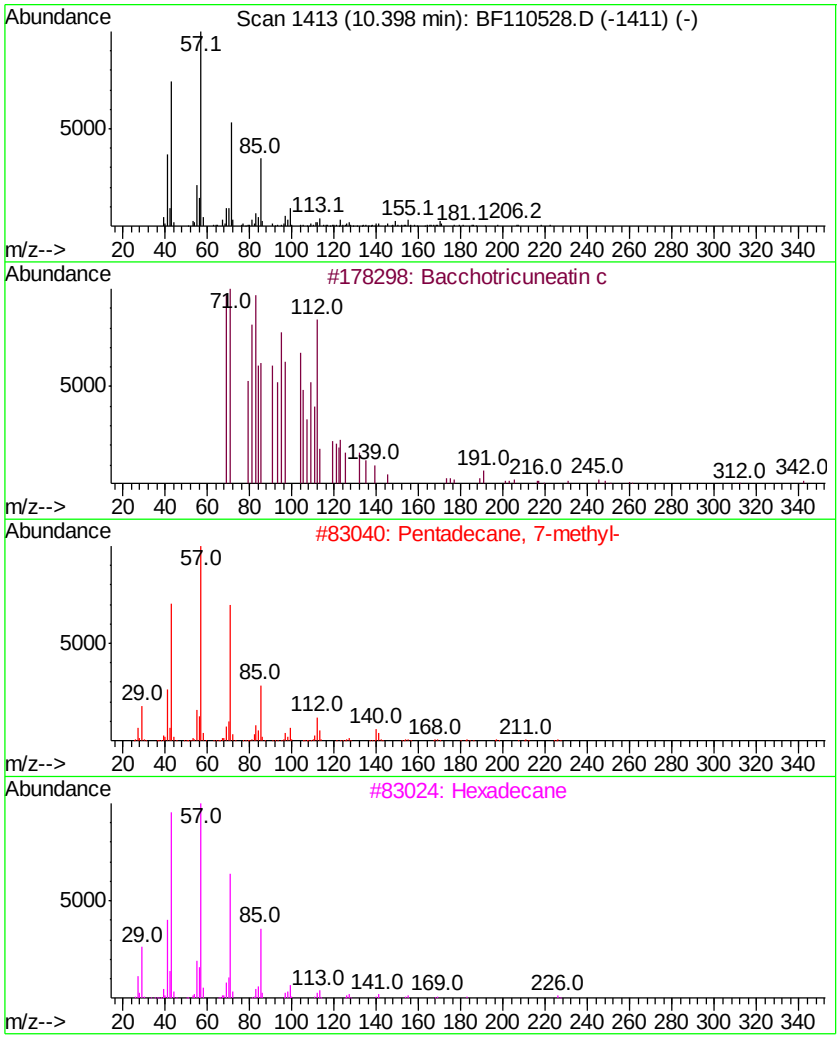
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

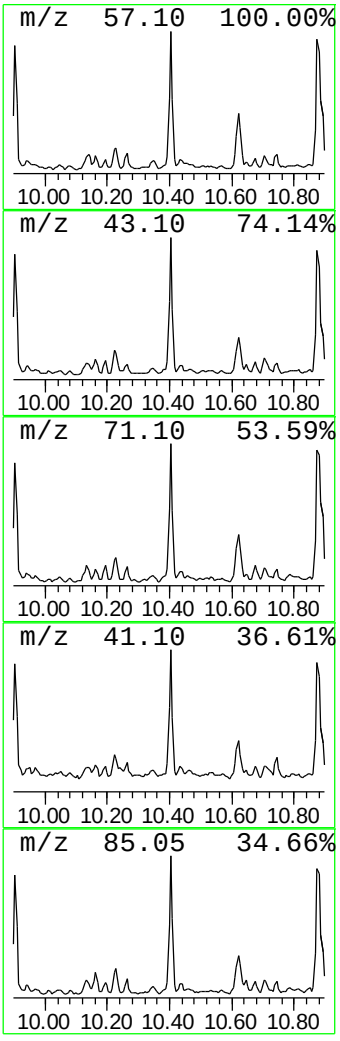
****

Peak Number 5 Bacchotricuneatin c Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	13.38 ng	402072	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Tetradecane	198	C14H30	000629-59-4	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

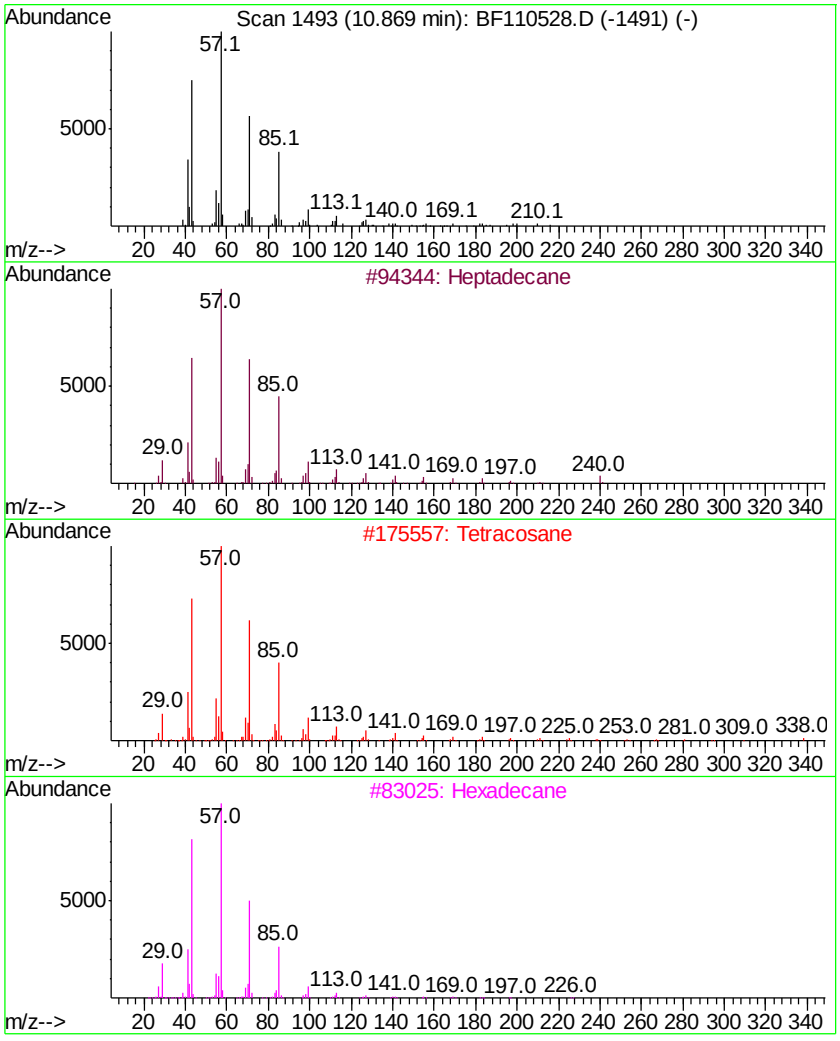
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

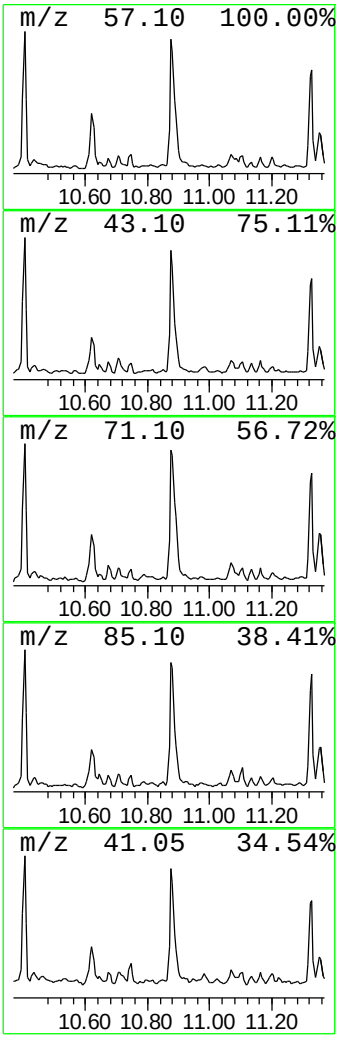
****

Peak Number 6 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	22.18 ng	621520	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
5	Heneicosane	296	C21H44	000629-94-7	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

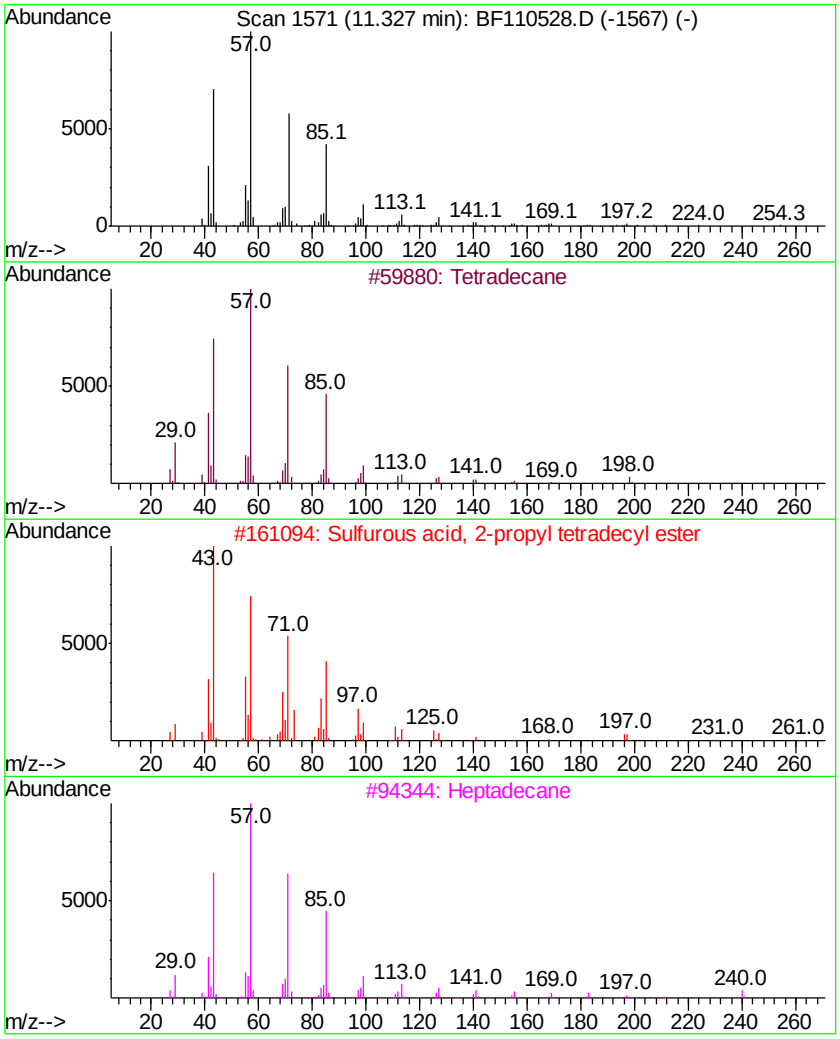
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

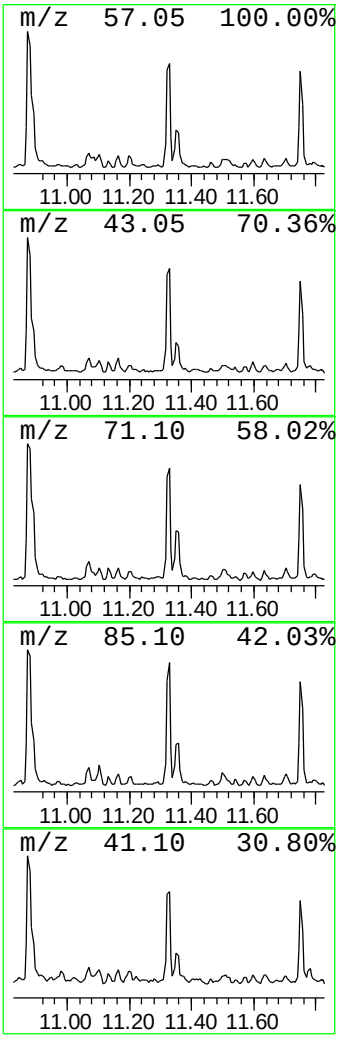
****

Peak Number 7 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	11.60 ng	325052	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

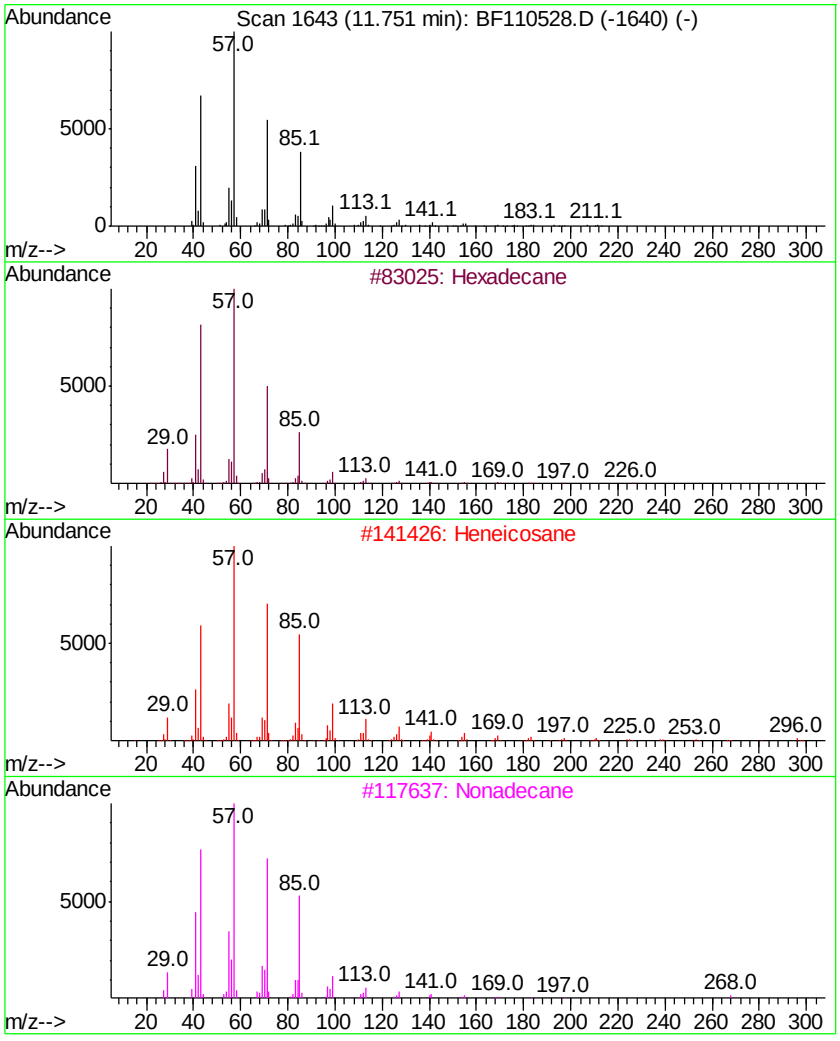
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

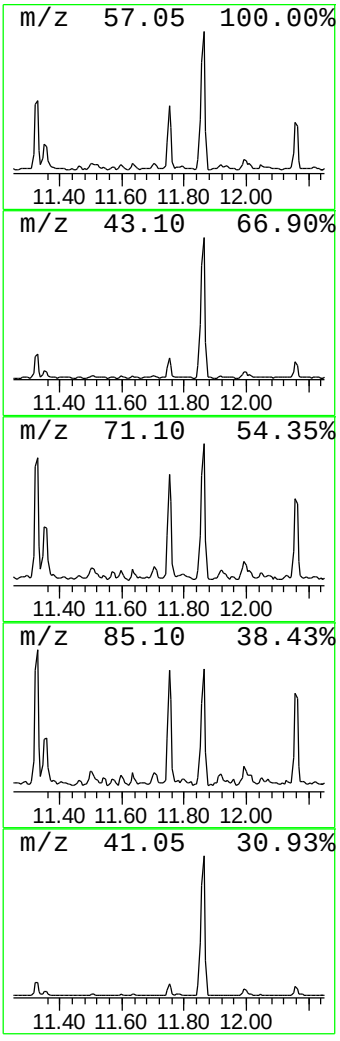
****

Peak Number 8 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	9.22 ng	258461	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
5	Tridecane	184	C13H28	000629-50-5	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

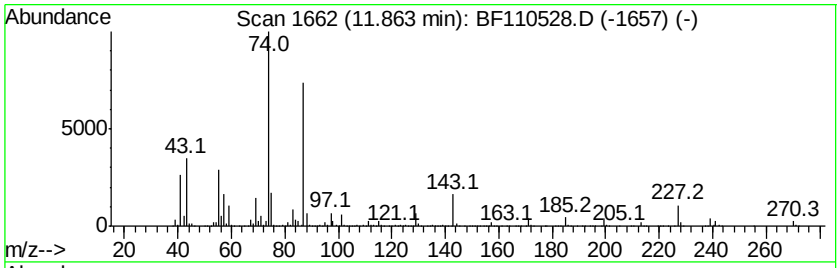
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

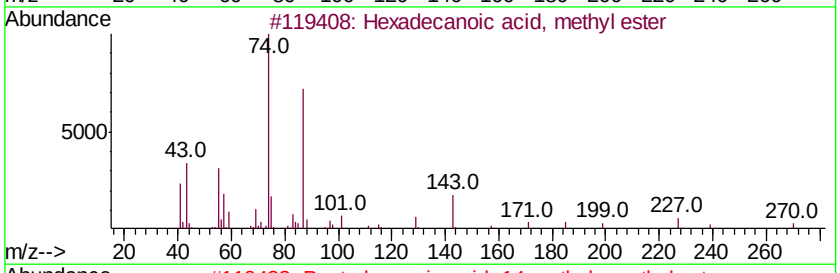
****

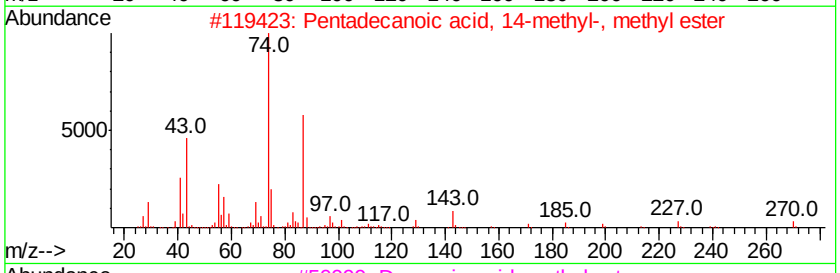
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

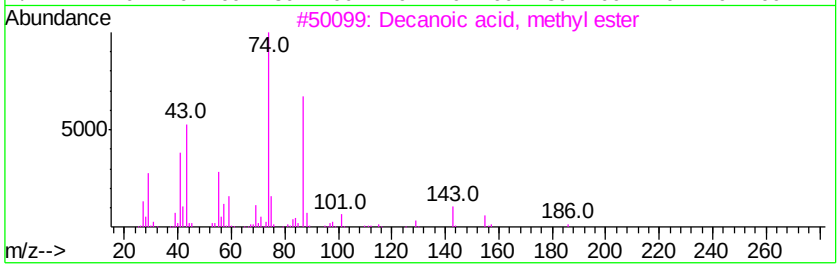
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	156.88 ng	4395370	Phenanthrene-d10	11.49

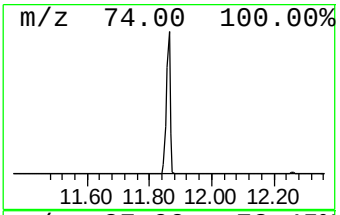
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80

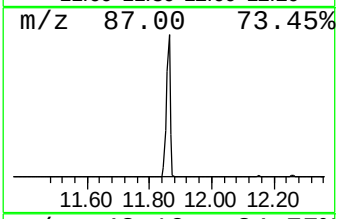


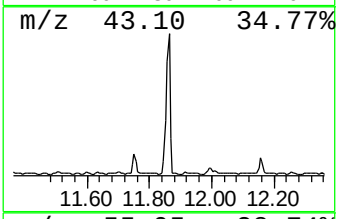


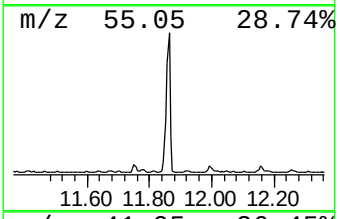


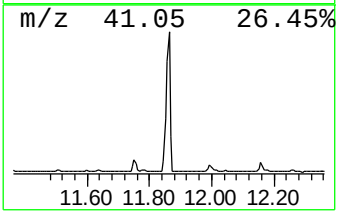












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

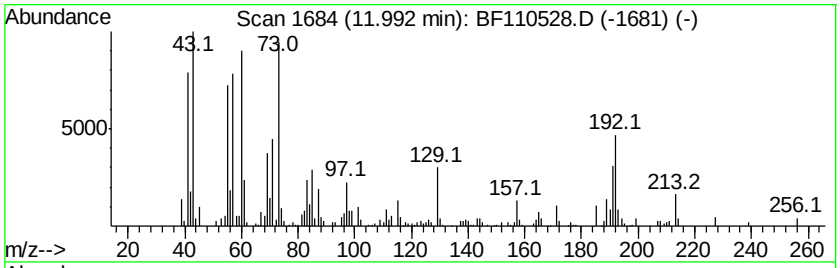
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

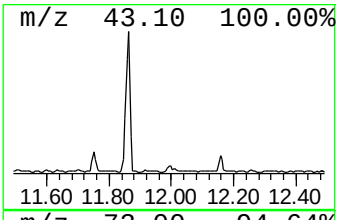
****

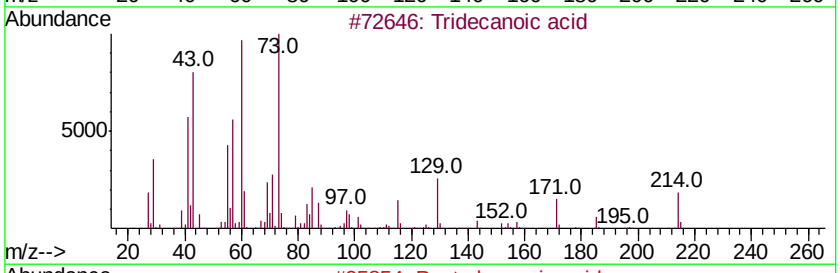
Peak Number 10 Tridecanoic acid Concentration Rank 13

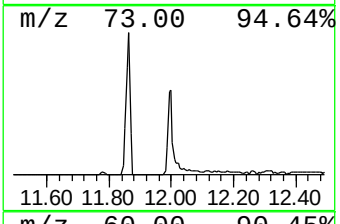
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	10.36 ng	290356	Phenanthrene-d10	11.49

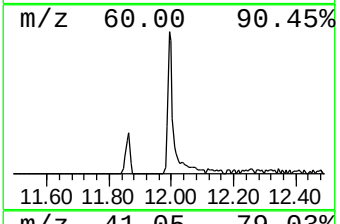
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	70
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
3	n-Decanoic acid	172	C10H20O2	000334-48-5	52
4	Undecane	156	C11H24	001120-21-4	25
5	d-Glucitol, 4-O-decyl-	322	C16H34O6	132591-07-2	22

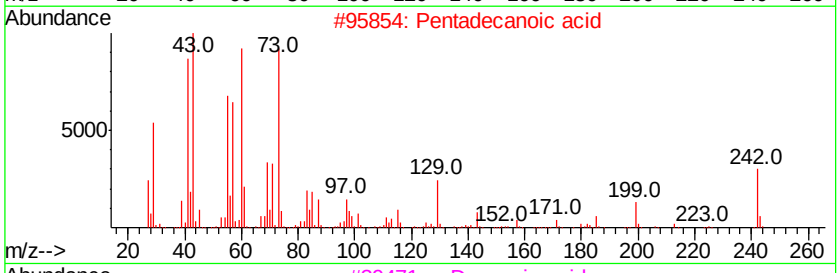


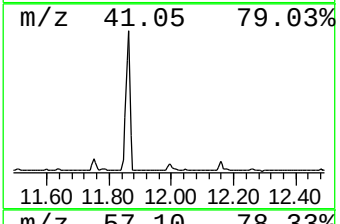


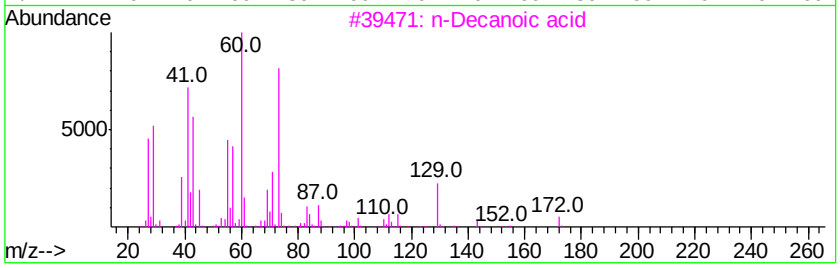


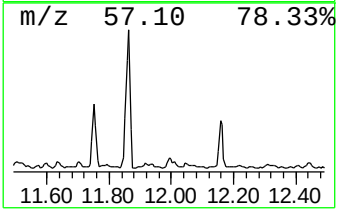












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

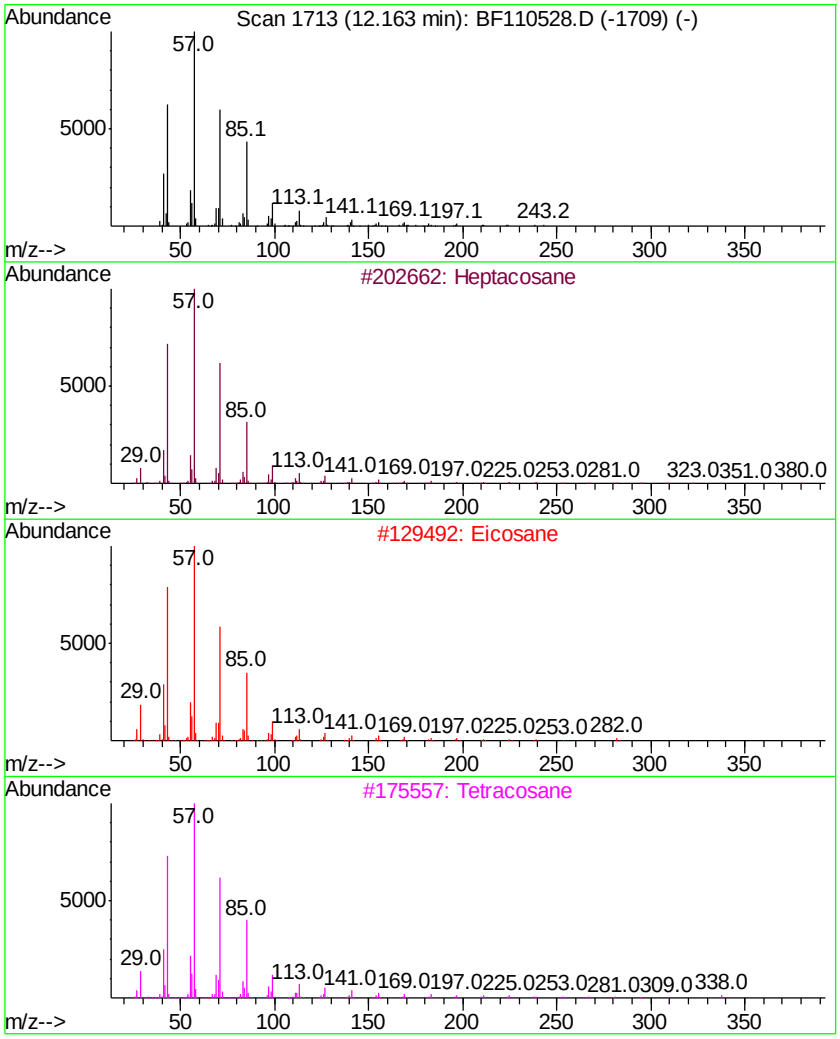
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

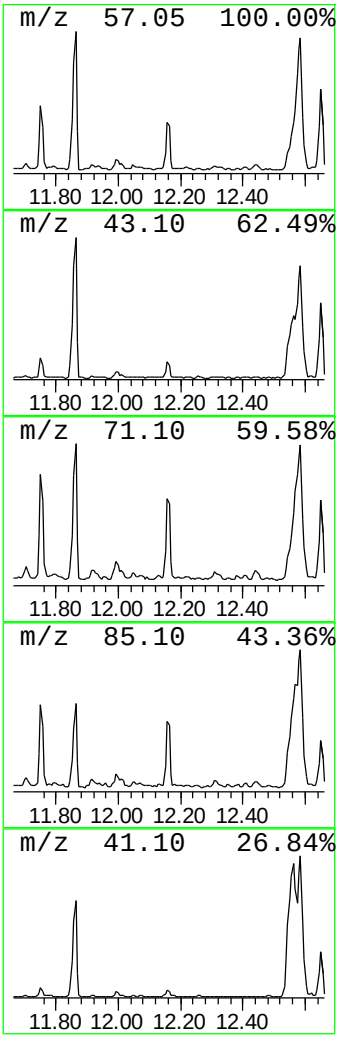
****

Peak Number 11 Heptacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	9.06 ng	253894	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Octacosane	394	C28H58	000630-02-4	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

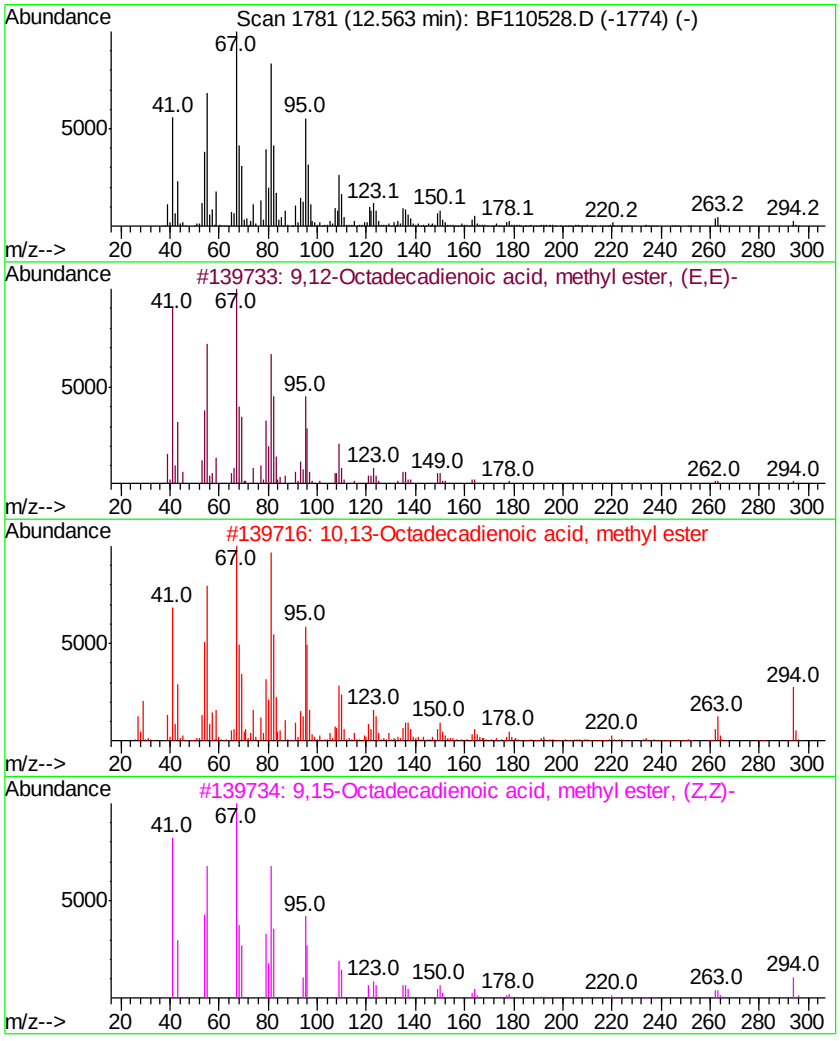
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

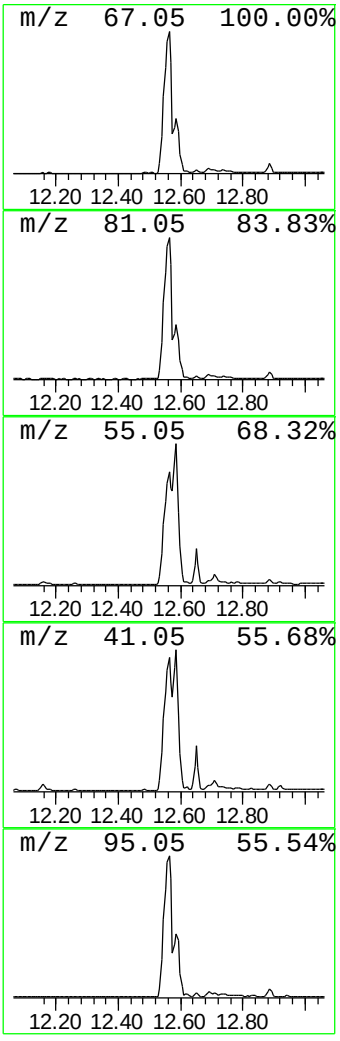
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	469.66 ng	13158700	Phenanthrene-d10	11.49

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\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

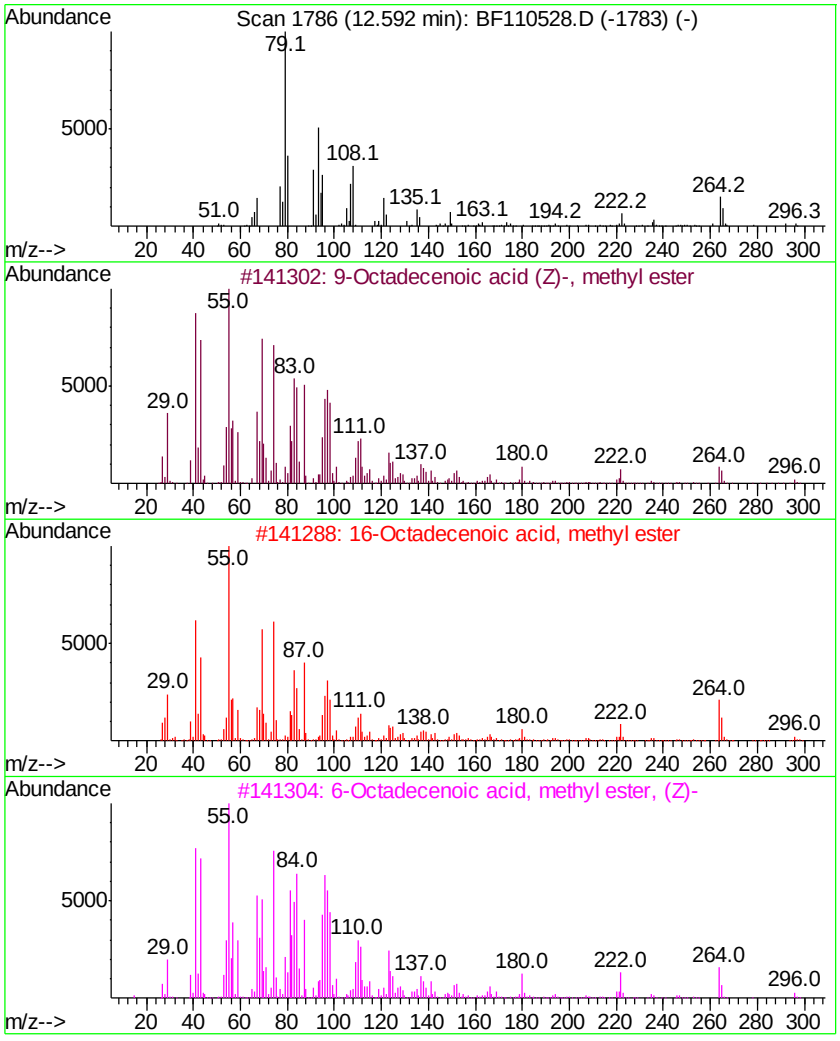
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

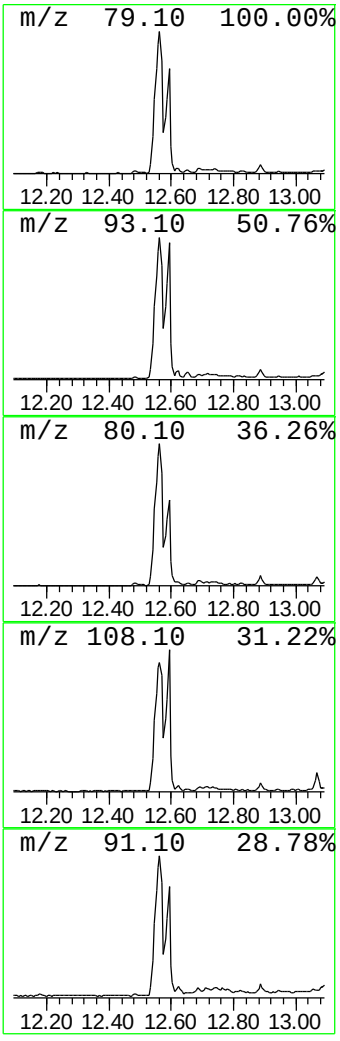
****

Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	262.40 ng	7351820	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	98





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

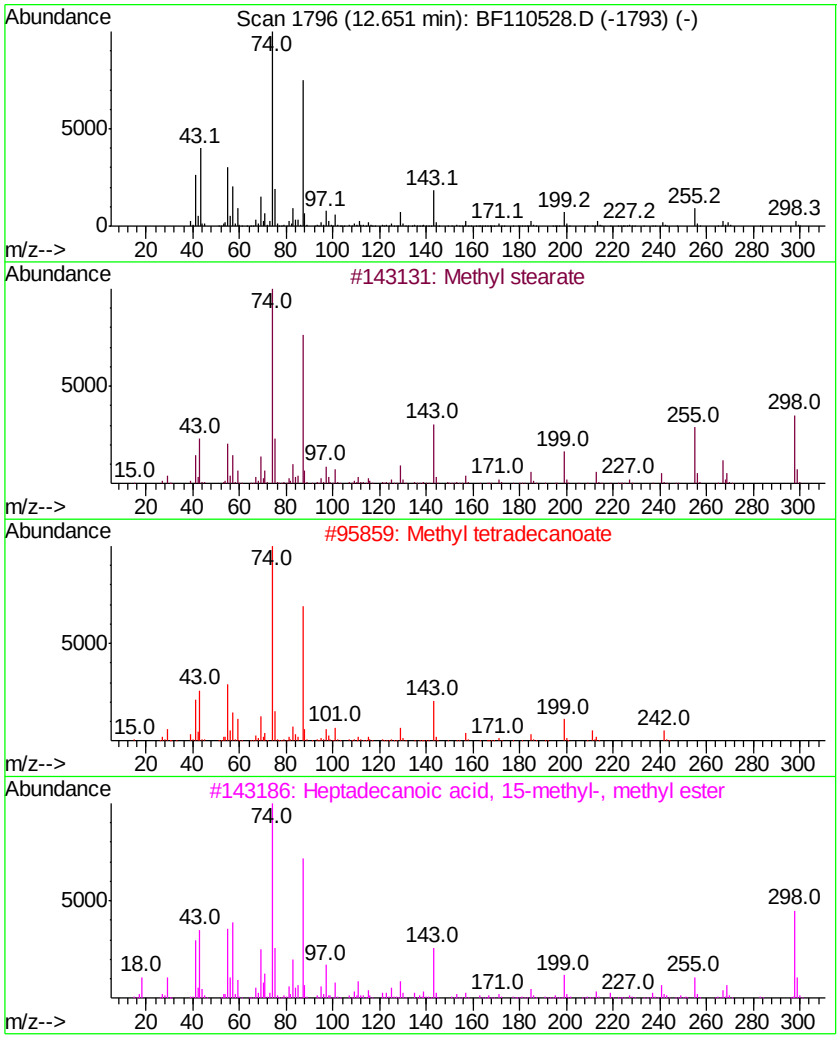
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

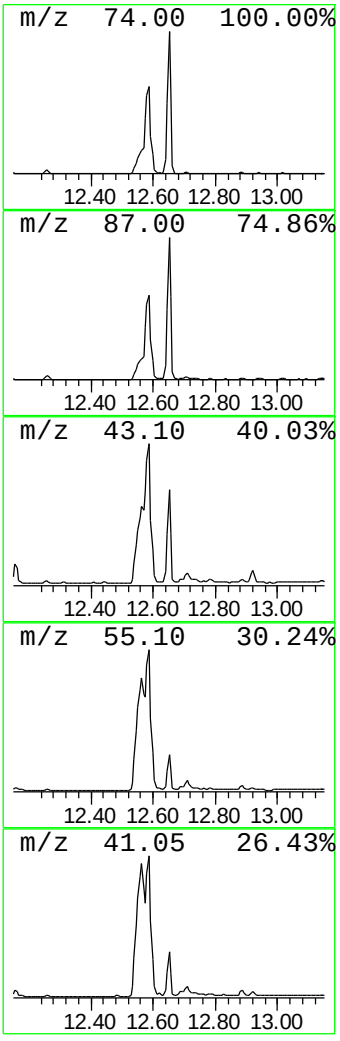
****

Peak Number 14 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	68.61 ng	1922160	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
3	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	93
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

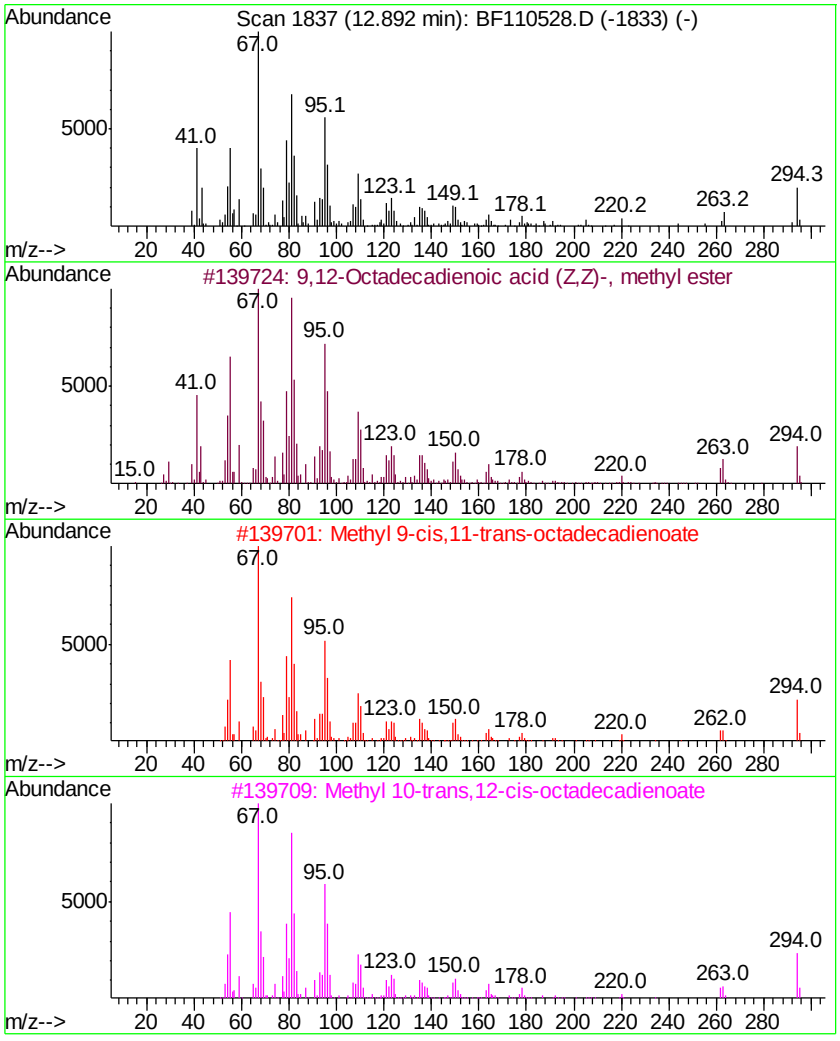
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

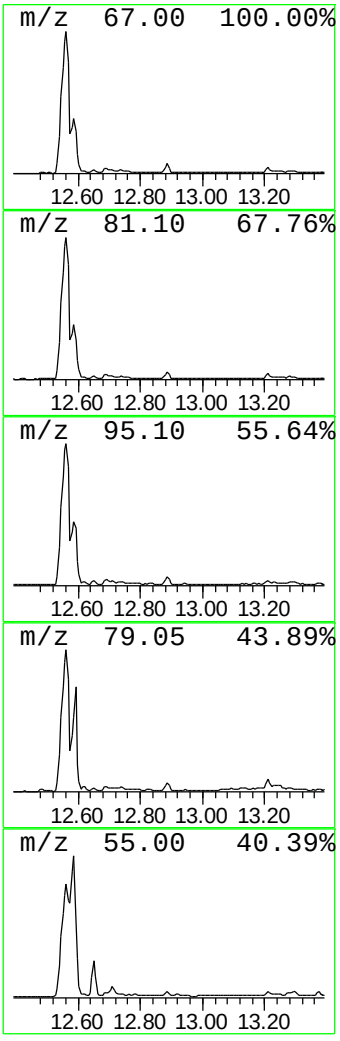
****

Peak Number 15 9,12-Octadecadienoic acid (... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	9.87 ng	322352	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
4	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	93
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

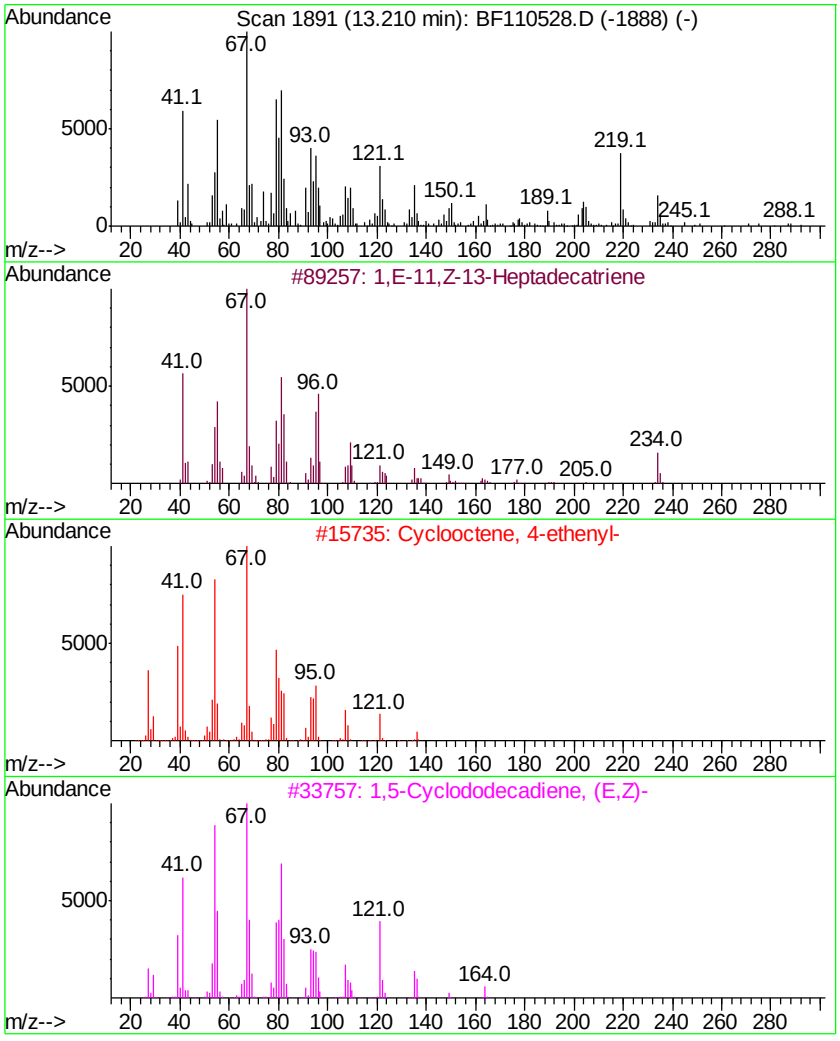
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

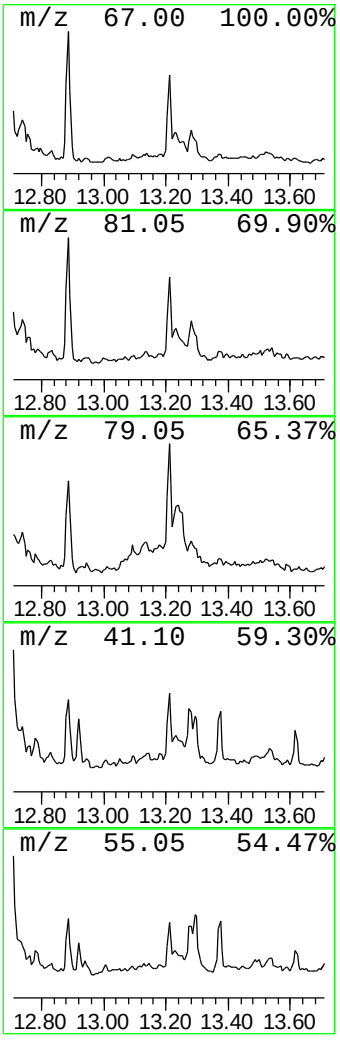
****

Peak Number 16 1,E-11,Z-13-Heptadecatriene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	8.65 ng	282616	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,E-11,Z-13-Heptadecatriene	234	C17H30	080625-35-0	78
2	Cyclooctene, 4-ethenyl-	136	C10H16	001124-45-4	64
3	1,5-Cyclododecadiene, (E,Z)-	164	C12H20	019428-99-0	64
4	Methyl 5,9,12-octadecatrienoate	292	C19H32O2	1000336-37-5	64
5	4-Hexadecen-6-yne, (Z)-	220	C16H28	074744-54-0	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

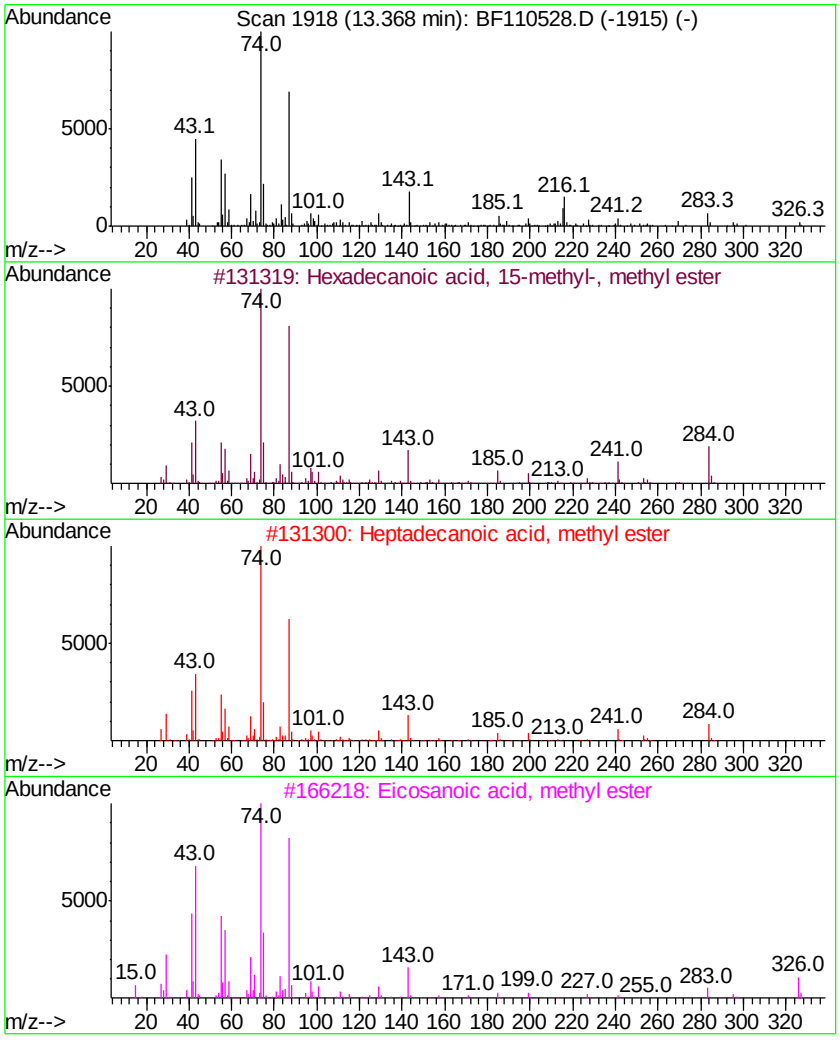
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

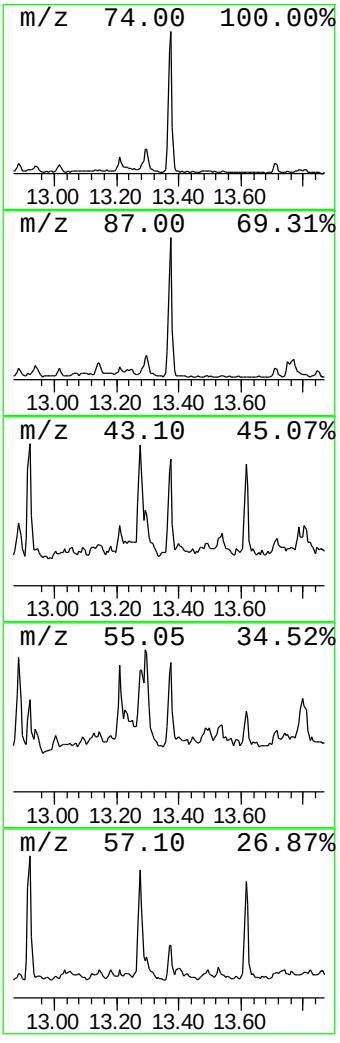
****

Peak Number 17 Hexadecanoic acid, 15-methy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	8.70 ng	284221	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	96
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	94
3	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	93
4	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	91
5	Methyl stearate	298	C19H38O2	000112-61-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

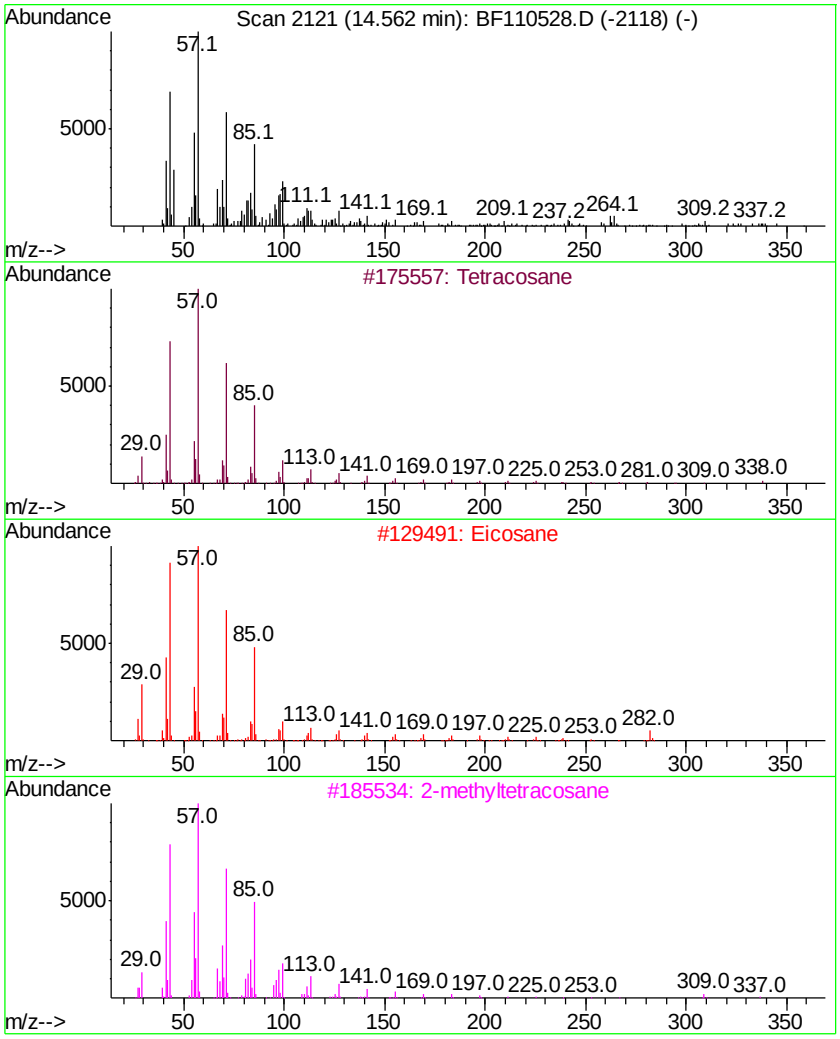
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

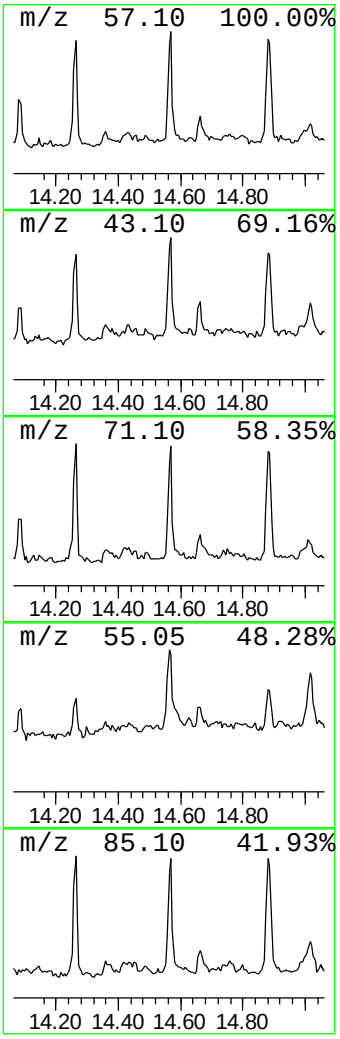
****

Peak Number 18 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	9.41 ng	307573	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Eicosane	282	C20H42	000112-95-8	91
3	2-methyltetracosane	352	C25H52	1000376-72-6	62
4	Tetratetracontane	619	C44H90	007098-22-8	58
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

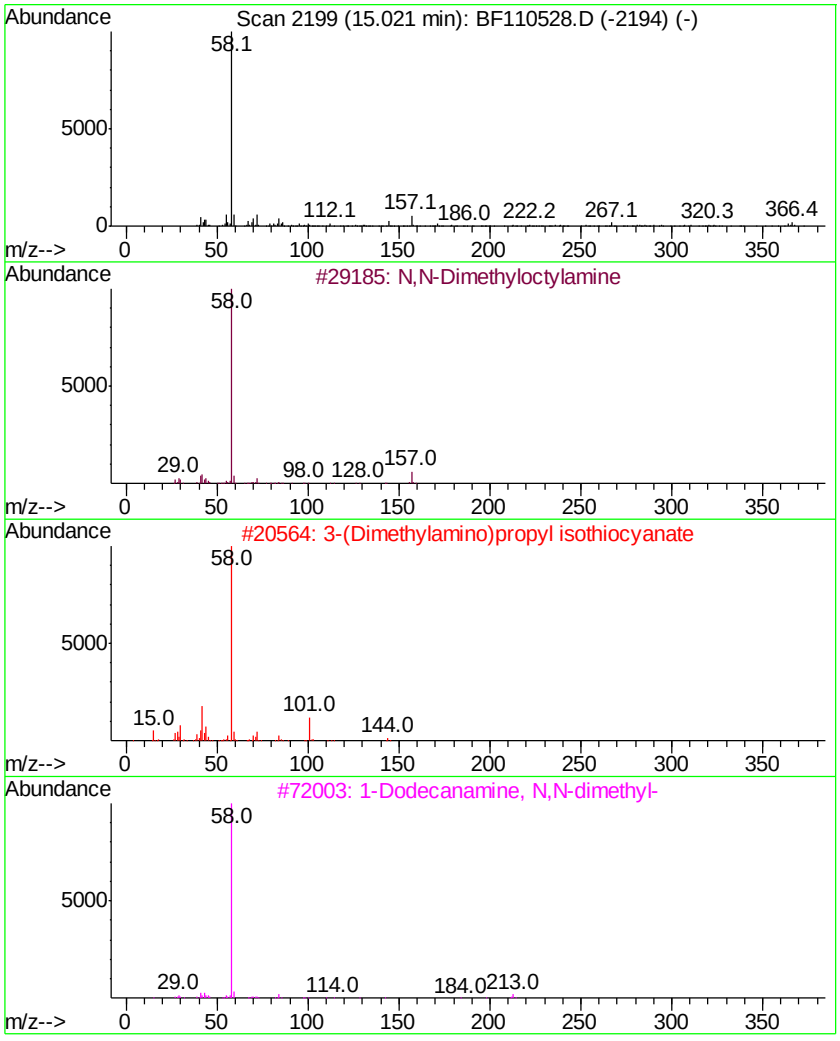
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

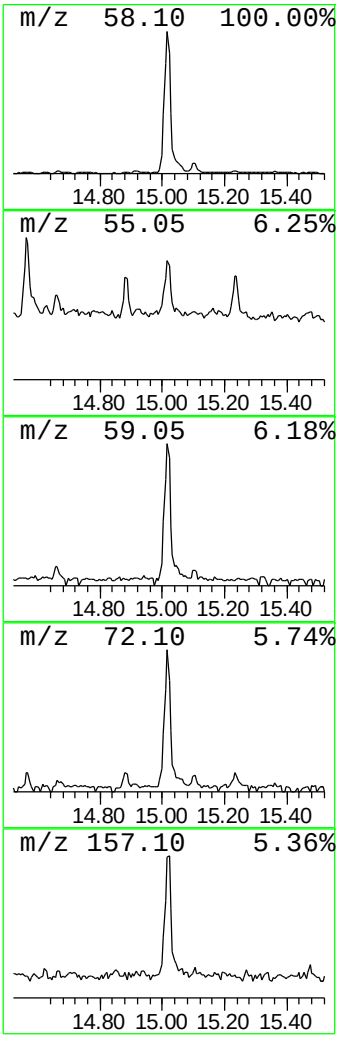
****

Peak Number 19 N,N-Dimethyloctylamine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	33.67 ng	459270	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
3	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	64
4	S-[2-[N,N-Dimethylaminolethyl]mo...	261	C10H19N3O3S	1000212-14-3	64
5	2-Butanone, 4-(dimethylamino)-3-...	129	C7H15NO	022104-62-7	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

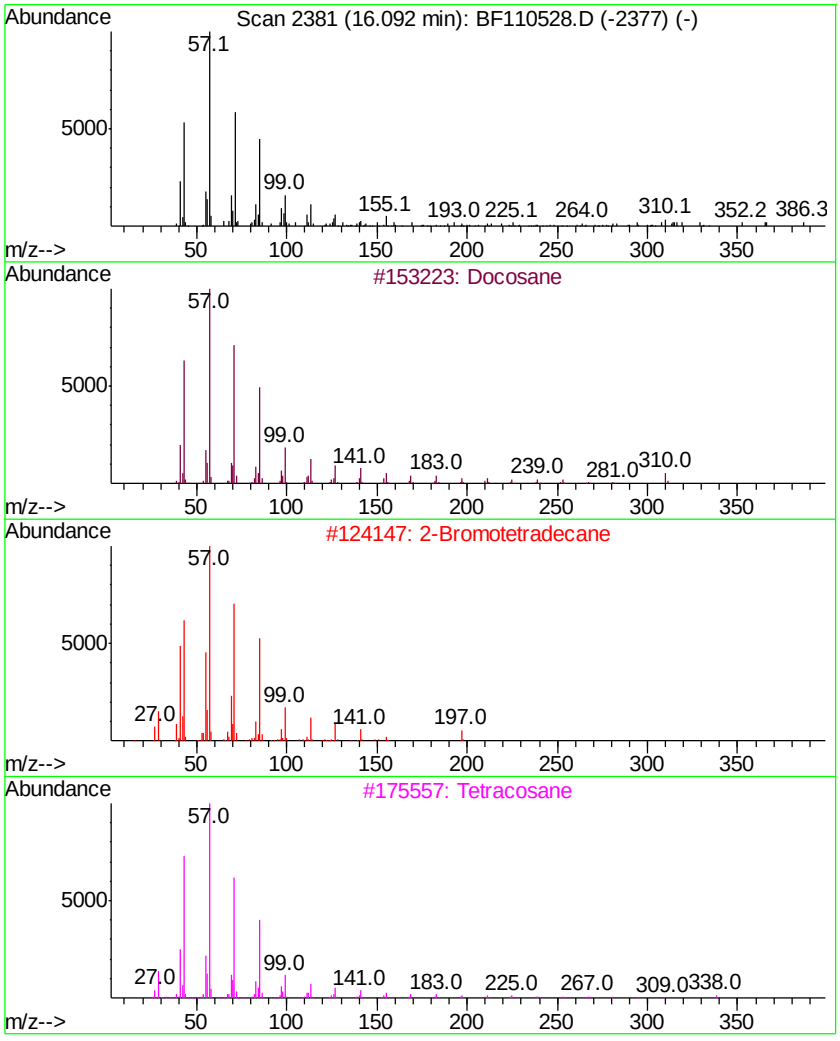
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

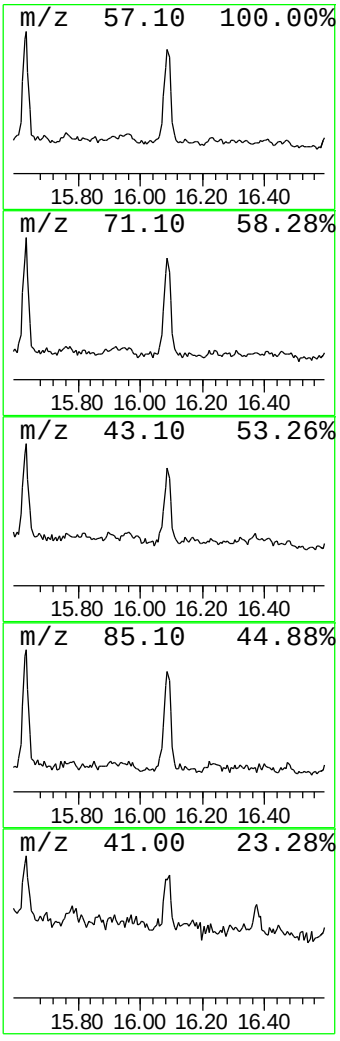
****

Peak Number 20 Docosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	13.10 ng	178742	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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
unknown6.72	6.72	37.5	ng	1048990	1	6.95	559277	20.0
Undecane	9.37	8.8	ng	263614	3	10.00	600953	20.0
Pentadecane	9.90	11.6	ng	349395	3	10.00	600953	20.0
Bacchotricuneatin c	10.40	13.4	ng	402072	3	10.00	600953	20.0
Heptadecane	10.87	22.2	ng	621520	4	11.49	560350	20.0
Tetradecane	11.33	11.6	ng	325052	4	11.49	560350	20.0
Hexadecane	11.75	9.2	ng	258461	4	11.49	560350	20.0
Hexadecanoic acid...	11.86	156.9	ng	4395370	4	11.49	560350	20.0
Tridecanoic acid	11.99	10.4	ng	290356	4	11.49	560350	20.0
Heptacosane	12.16	9.1	ng	253894	4	11.49	560350	20.0
9,12-Octadecadien...	12.56	469.7	ng	13158700	4	11.49	560350	20.0
9-Octadecenoic ac...	12.59	262.4	ng	7351820	4	11.49	560350	20.0
Methyl stearate	12.65	68.6	ng	1922160	4	11.49	560350	20.0
9,12-Octadecadien...	12.89	9.9	ng	322352	5	14.14	653430	20.0
1,E-11,Z-13-Hepta...	13.21	8.7	ng	282616	5	14.14	653430	20.0
Hexadecanoic acid...	13.37	8.7	ng	284221	5	14.14	653430	20.0
Tetracosane	14.56	9.4	ng	307573	5	14.14	653430	20.0
N,N-Dimethyloctyl...	15.02	33.7	ng	459270	6	15.66	272808	20.0
Docosane	16.09	13.1	ng	178742	6	15.66	272808	20.0