LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113656.D
Acq On : 9 Apr 2019 12:44
Operator : JU/SJ
Sample : K2316-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190170-COMP-CS-2

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-BF040319.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	5.293	541	545	570	rBV	2043440	2416242	82.30%	9.062%
2	6.334	718	722	738	rBV	2327268	2593032	88.33%	9.725%
3	6.451	738	742	763	rVB	2691060	2592917	88.32%	9.724%
4	6.681	777	781	793	rVB	598153	580084	19.76%	2.176%
5	6.834	803	807	823	rVB	2143426	1884171	64.18%	7.066%
6	7.245	873	877	892	rBV	1577351	1583905	53.95%	5.940%
7	7.963	995	999	1019	rBV	697760	757500	25.80%	2.841%
8	9.034	1177	1181	1193	rBV	2928650	2669899	90.94%	10.013%
9	9.428	1245	1248	1261	rBV	316551	322016	10.97%	1.208%
10	9.710	1292	1296	1309	rVB	965013	865663	29.49%	3.247%
11	10.504	1426	1431	1449	rBV	1853594	2100279	71.54%	7.877%
12	10.875	1492	1494	1504	rBV3	26867	40065	1.36%	0.150%
13	11.192	1544	1548	1565	rBV	1036891	982383	33.46%	3.684%
14	11.651	1623	1626	1636	rBV2	54198	91341	3.11%	0.343%
15	11.728	1636	1639	1656	rVV2	378911	460692	15.69%	1.728%
16	12.433	1753	1759	1768	rBV4	24966	59263	2.02%	0.222%
17	12.510	1769	1772	1780	rBV	61510	84925	2.89%	0.319%
18	12.775	1812	1817	1820	rBV	3091336	2935747	100.00%	11.010%
19	13.804	1988	1992	1993	rBV	72528	74693	2.54%	0.280%
20	13.827	1993	1996	2020	rVV	1025432	1329380	45.28%	4.986%
21	13.986	2020	2023	2027	rVB	46842	43784	1.49%	0.164%
22	14.292	2072	2075	2078	rVB	83247	75115	2.56%	0.282%
23	14.586	2122	2125	2129	rVB	119047	110545	3.77%	0.415%
24	14.651	2132	2136	2140	rVV	677334	608905	20.74%	2.284%
25	14.892	2174	2177	2182	rVB	122183	127882	4.36%	0.480%
26	15.233	2230	2235	2245	rBV	786148	1060743	36.13%	3.978%
27	15.633	2299	2303	2309	rVB	97175	128861	4.39%	0.483%
28	16.086	2376	2380	2386	rVB	51485	83787	2.85%	0.314%

Sum of corrected areas: 26663819

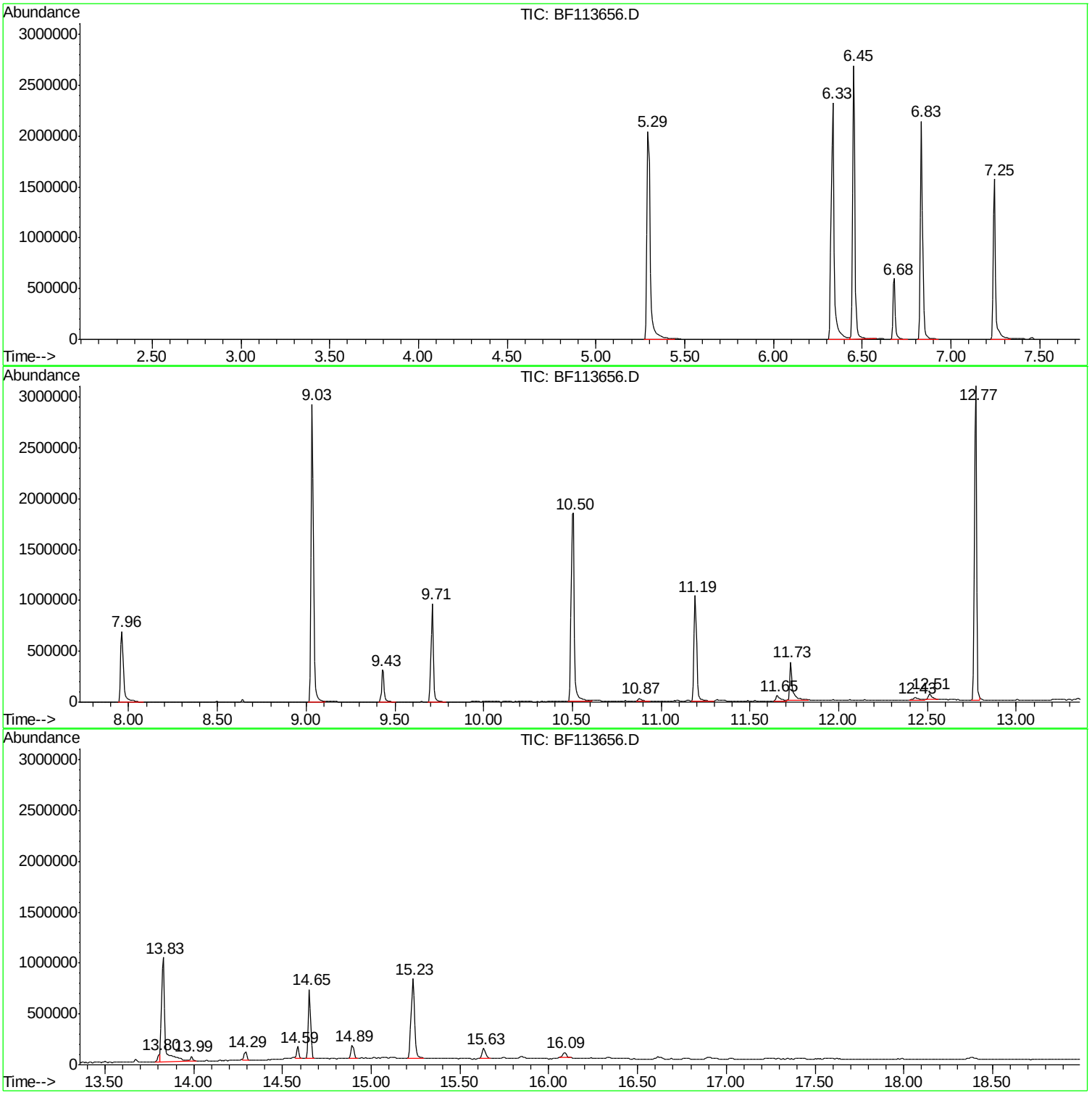
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113656.D
Acq On : 9 Apr 2019 12:44
Operator : JU/SJ
Sample : K2316-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20190170-COMP-CS-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113656.D
Acq On : 9 Apr 2019 12:44
Operator : JU/SJ
Sample : K2316-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190170-COMP-CS-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

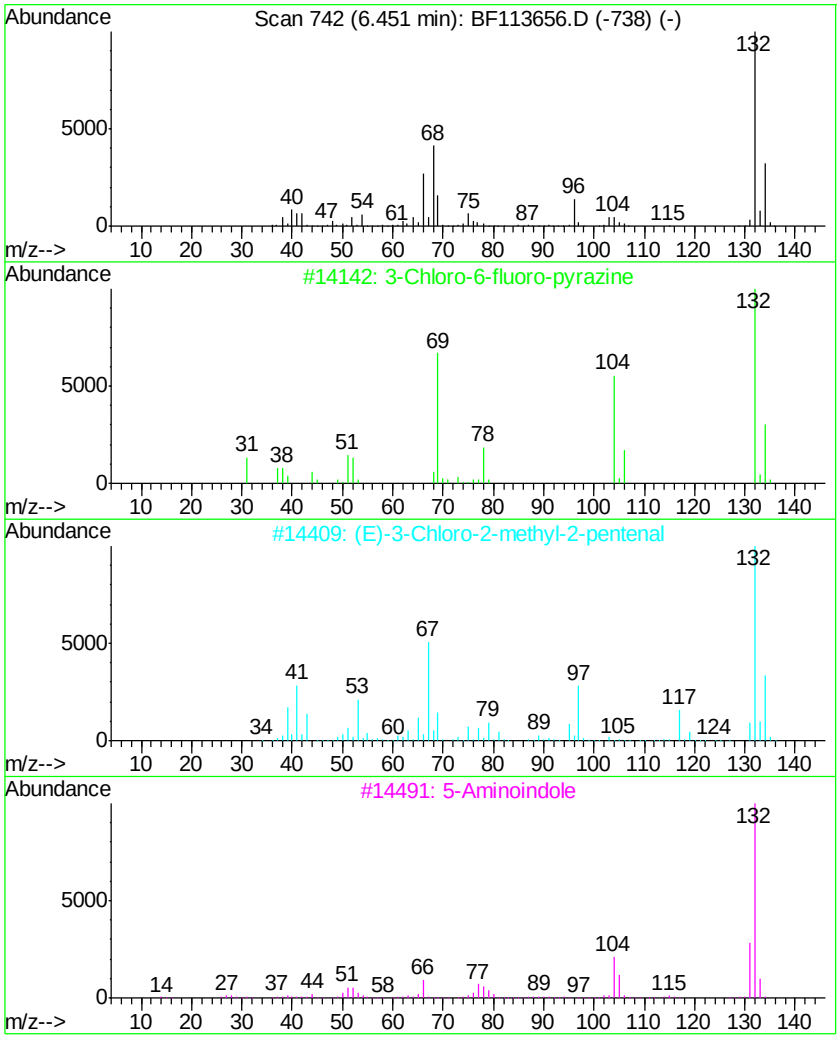
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

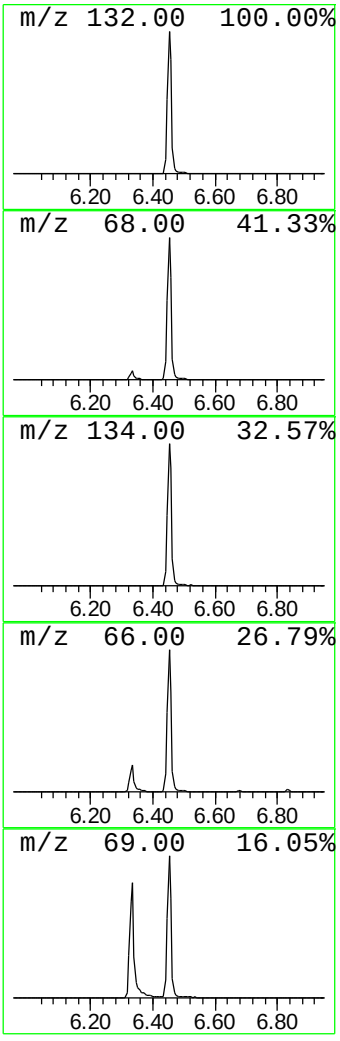
****

Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	89.40 ng	2592920	1,4-Dichlorobenzene-d4	6.68

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	Amphetaminil	250	C17H18N2	017590-01-1	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113656.D
Acq On : 9 Apr 2019 12:44
Operator : JU/SJ
Sample : K2316-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190170-COMP-CS-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

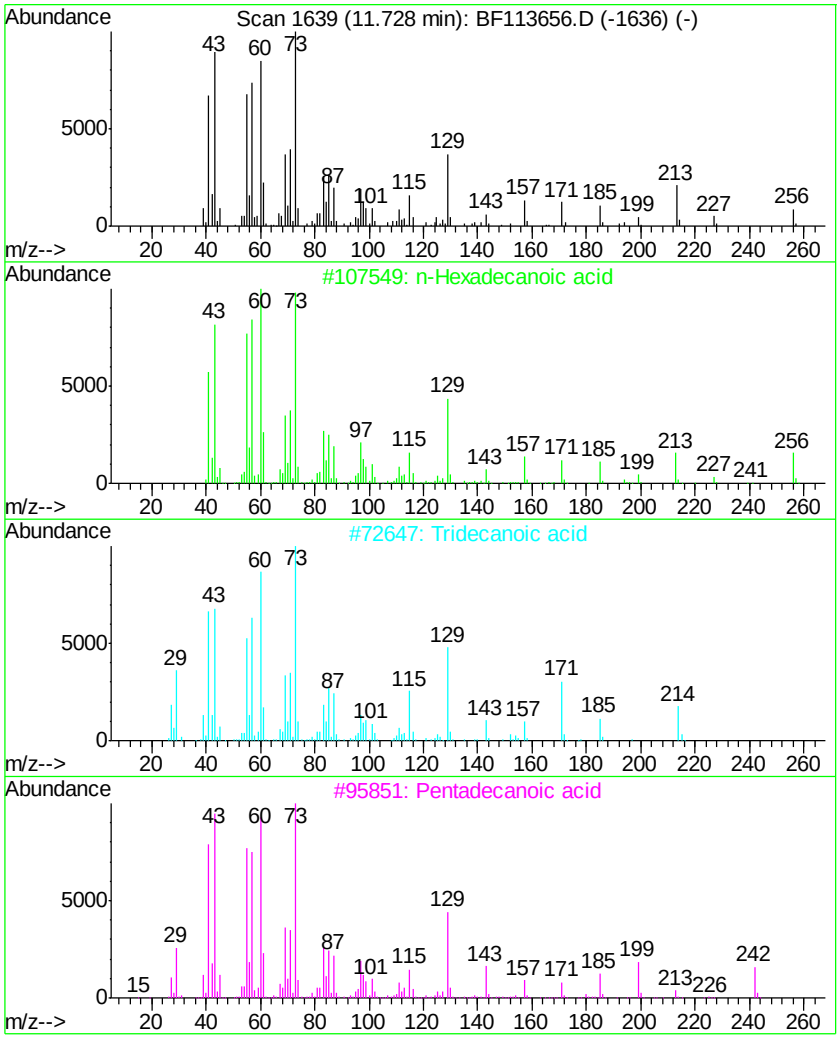
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

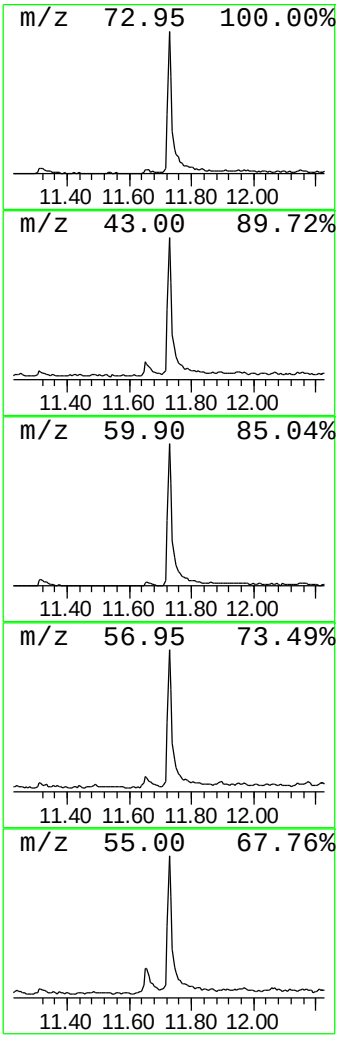
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	9.38 ng	460692	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113656.D
Acq On : 9 Apr 2019 12:44
Operator : JU/SJ
Sample : K2316-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190170-COMP-CS-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

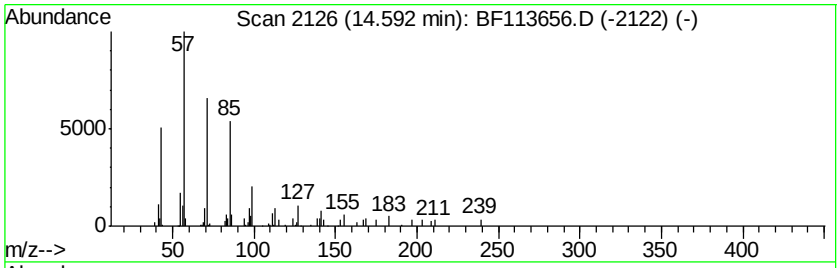
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

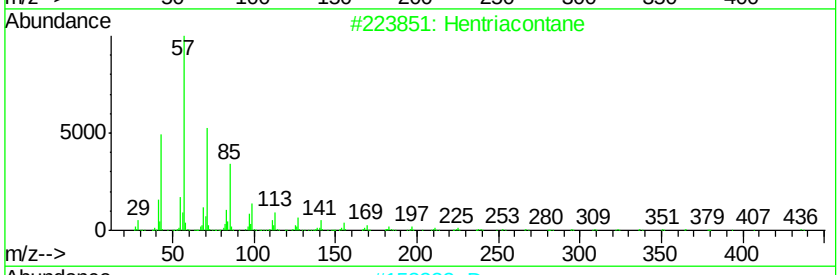
****

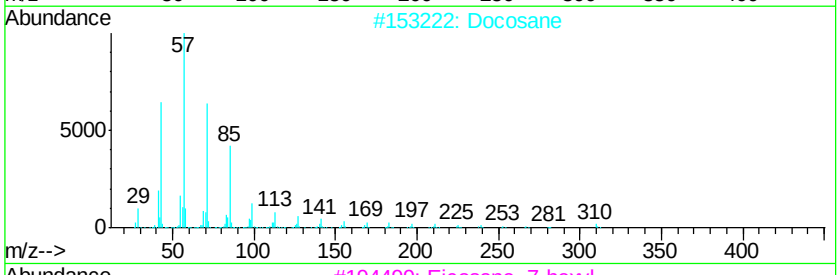
Peak Number 4 Hentriacontane Concentration Rank 7

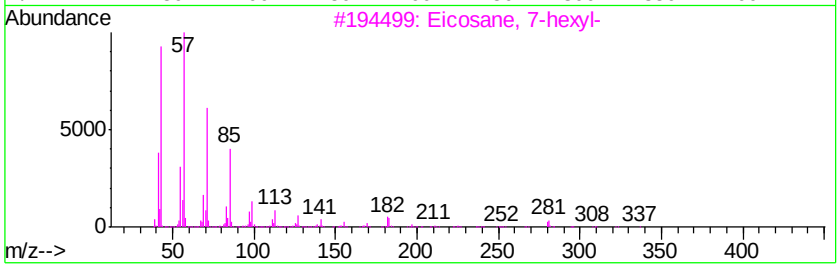
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.08 ng	110545	Perylene-d12	15.23

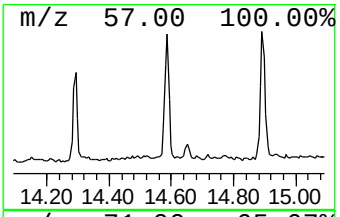
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Docosane	310	C22H46	000629-97-0	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90

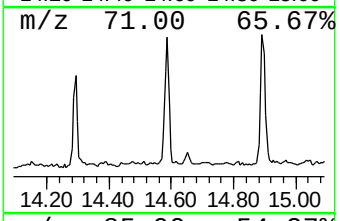


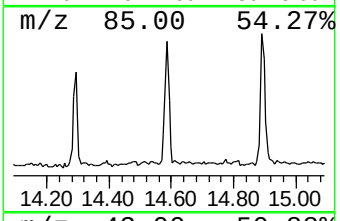


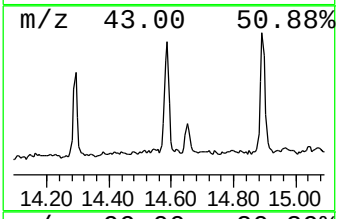


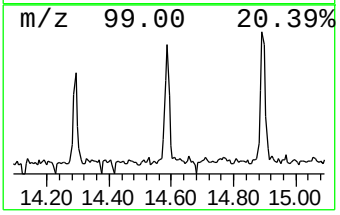












Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113656.D
Acq On : 9 Apr 2019 12:44
Operator : JU/SJ
Sample : K2316-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190170-COMP-CS-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

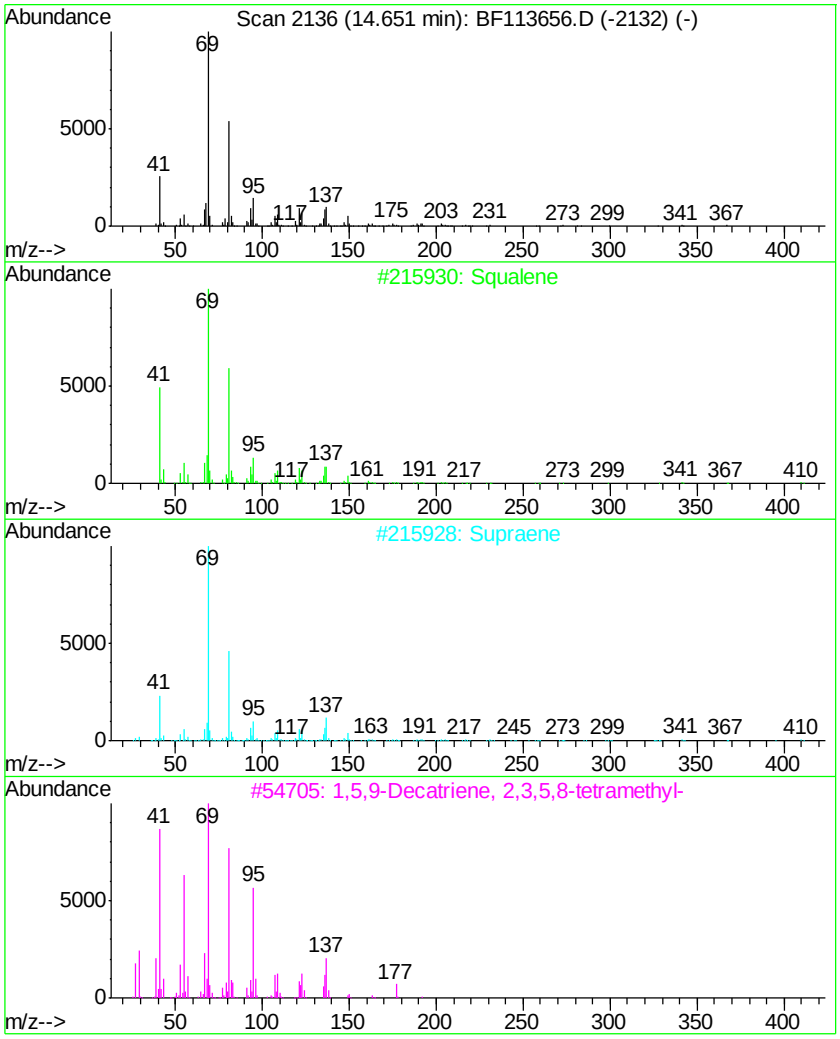
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

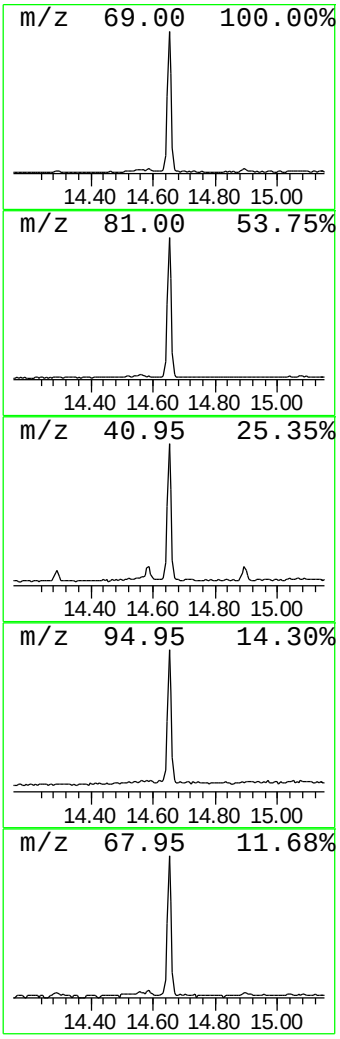
****

Peak Number 5 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	11.48 ng	608905	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	72
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113656.D
Acq On : 9 Apr 2019 12:44
Operator : JU/SJ
Sample : K2316-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190170-COMP-CS-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

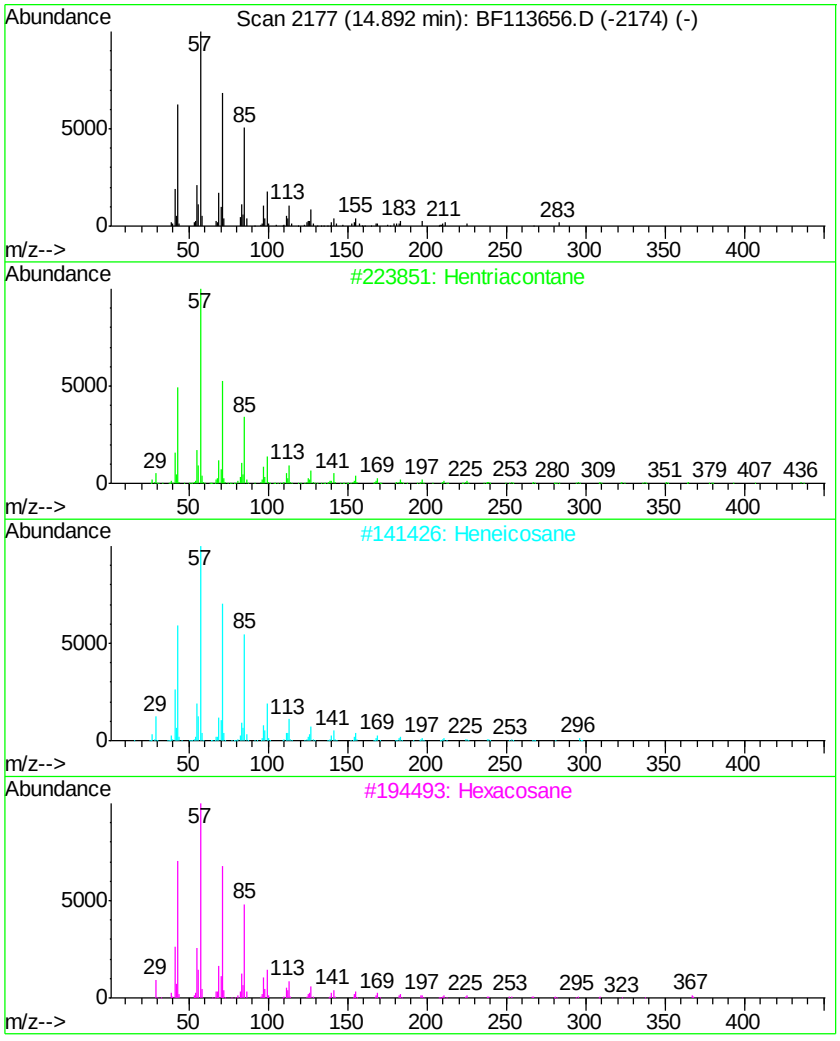
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

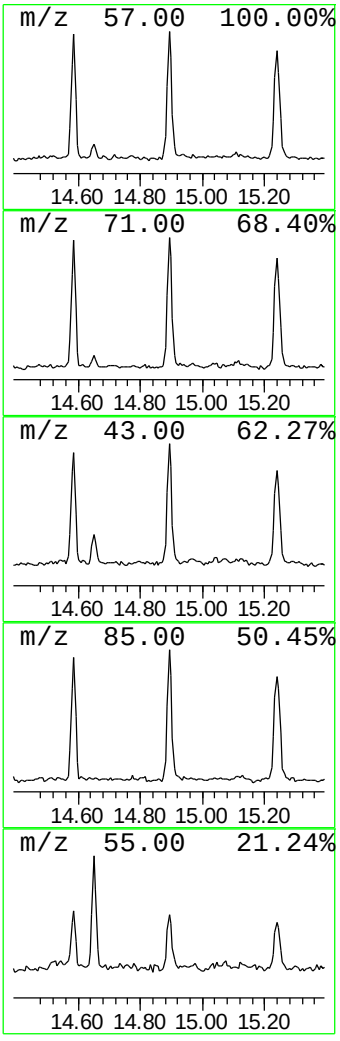
****

Peak Number 6 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.41 ng	127882	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113656.D
Acq On : 9 Apr 2019 12:44
Operator : JU/SJ
Sample : K2316-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190170-COMP-CS-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

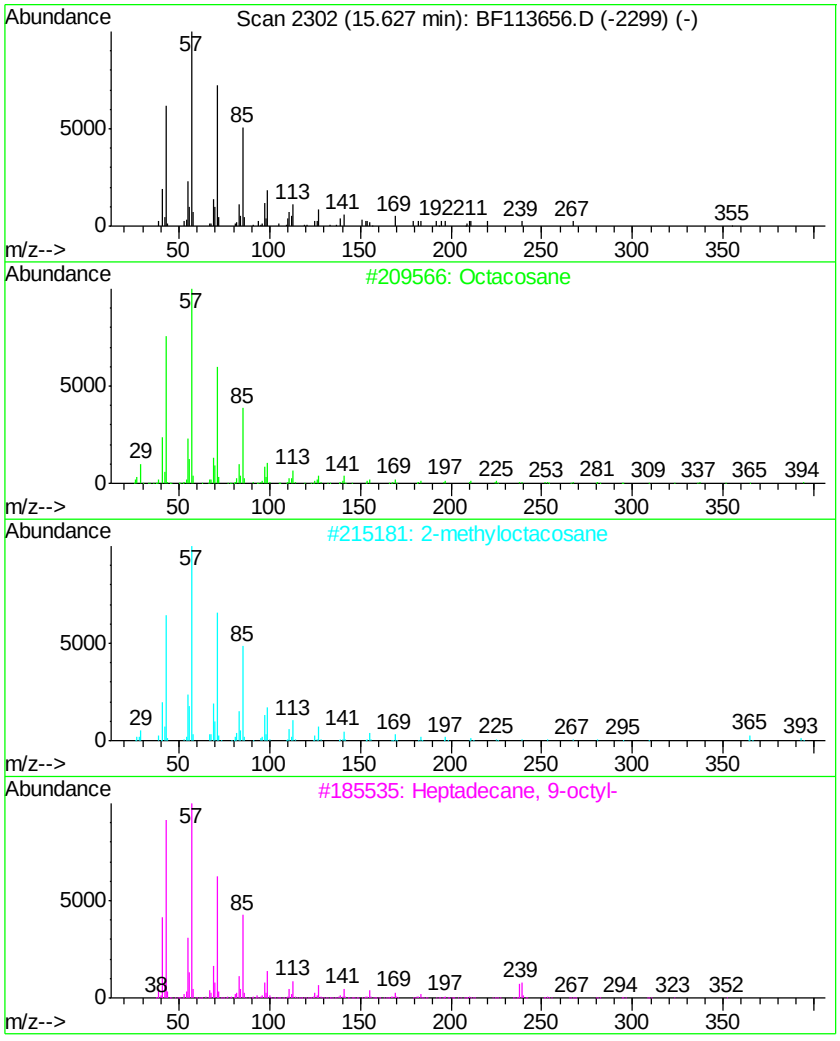
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

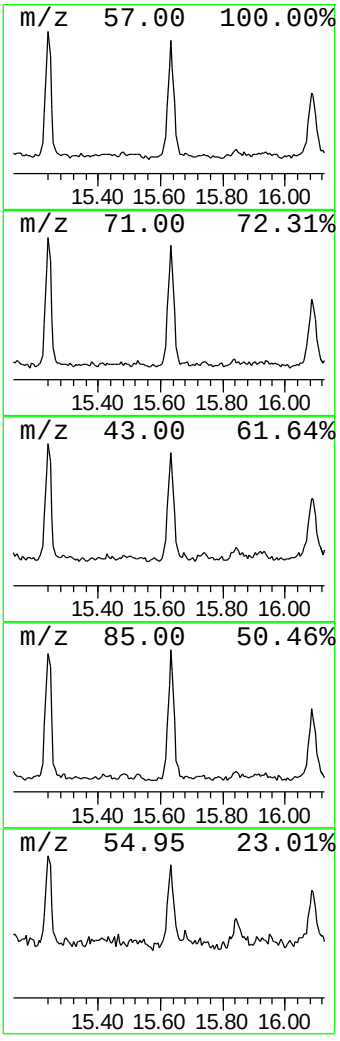
****

Peak Number 7 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	2.43 ng	128861	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113656.D
Acq On : 9 Apr 2019 12:44
Operator : JU/SJ
Sample : K2316-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190170-COMP-CS-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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
unknown6.45	6.45	89.4	ng	2592920	1	6.68	580084	20.0
n-Hexadecanoic acid	11.73	9.4	ng	460692	4	11.19	982383	20.0
Hentriacontane	14.59	2.1	ng	110545	6	15.23	1060740	20.0
Squalene	14.65	11.5	ng	608905	6	15.23	1060740	20.0
Heneicosane	14.89	2.4	ng	127882	6	15.23	1060740	20.0
Octacosane	15.63	2.4	ng	128861	6	15.23	1060740	20.0