LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118867.D
Acq On : 10 Feb 2020 13:09
Operator : CG/JU
Sample : L1456-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-337-290

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-BF020320.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	5.440	565	570	573	rBV	3957990	3931344	55.94%	8.440%
2	6.451	737	742	759	rBV	3824375	3895885	55.44%	8.364%
3	6.810	800	803	807	rBV	1397791	1218542	17.34%	2.616%
4	6.969	826	830	834	rBV	3869940	3444035	49.01%	7.394%
5	7.375	894	899	902	rBV	2588738	2668320	37.97%	5.728%
6	8.092	1017	1021	1025	rBV	1755680	1556424	22.15%	3.341%
7	9.169	1199	1204	1219	rBV	5417133	5600194	79.69%	12.022%
8	9.563	1267	1271	1282	rBV	399293	385821	5.49%	0.828%
9	9.845	1315	1319	1332	rBV	2027494	2172815	30.92%	4.665%
10	10.639	1449	1454	1465	rBV	4175713	4220649	60.06%	9.061%
11	10.910	1496	1500	1510	rVB5	27951	73932	1.05%	0.159%
12	11.333	1568	1572	1575	rBV	2622010	2409447	34.29%	5.173%
13	11.404	1579	1584	1589	rVB3	50775	78168	1.11%	0.168%
14	11.863	1658	1662	1666	rBV	577743	564184	8.03%	1.211%
15	11.945	1674	1676	1684	rVB3	55619	88173	1.25%	0.189%
16	12.545	1774	1778	1783	rBV	257045	269899	3.84%	0.579%
17	12.645	1791	1795	1803	rBV4	139982	222453	3.17%	0.478%
18	12.769	1813	1816	1819	rVB	195117	179258	2.55%	0.385%
19	12.922	1836	1842	1845	rBV	6664230	7027592	100.00%	15.087%
20	13.816	1991	1994	2002	rVB	533898	647665	9.22%	1.390%
21	13.969	2015	2020	2027	rBV	2662198	2728466	38.83%	5.857%
22	14.439	2097	2100	2109	rBV4	147380	331469	4.72%	0.712%
23	14.739	2149	2151	2155	rVB	104813	94518	1.34%	0.203%
24	14.998	2192	2195	2198	rBV	88623	145719	2.07%	0.313%
25	15.068	2205	2207	2211	rVB	152689	159691	2.27%	0.343%
26	15.416	2261	2266	2277	rVB	1567265	2362816	33.62%	5.072%
27	15.868	2340	2343	2349	rVB	81996	103766	1.48%	0.223%

Sum of corrected areas: 46581245

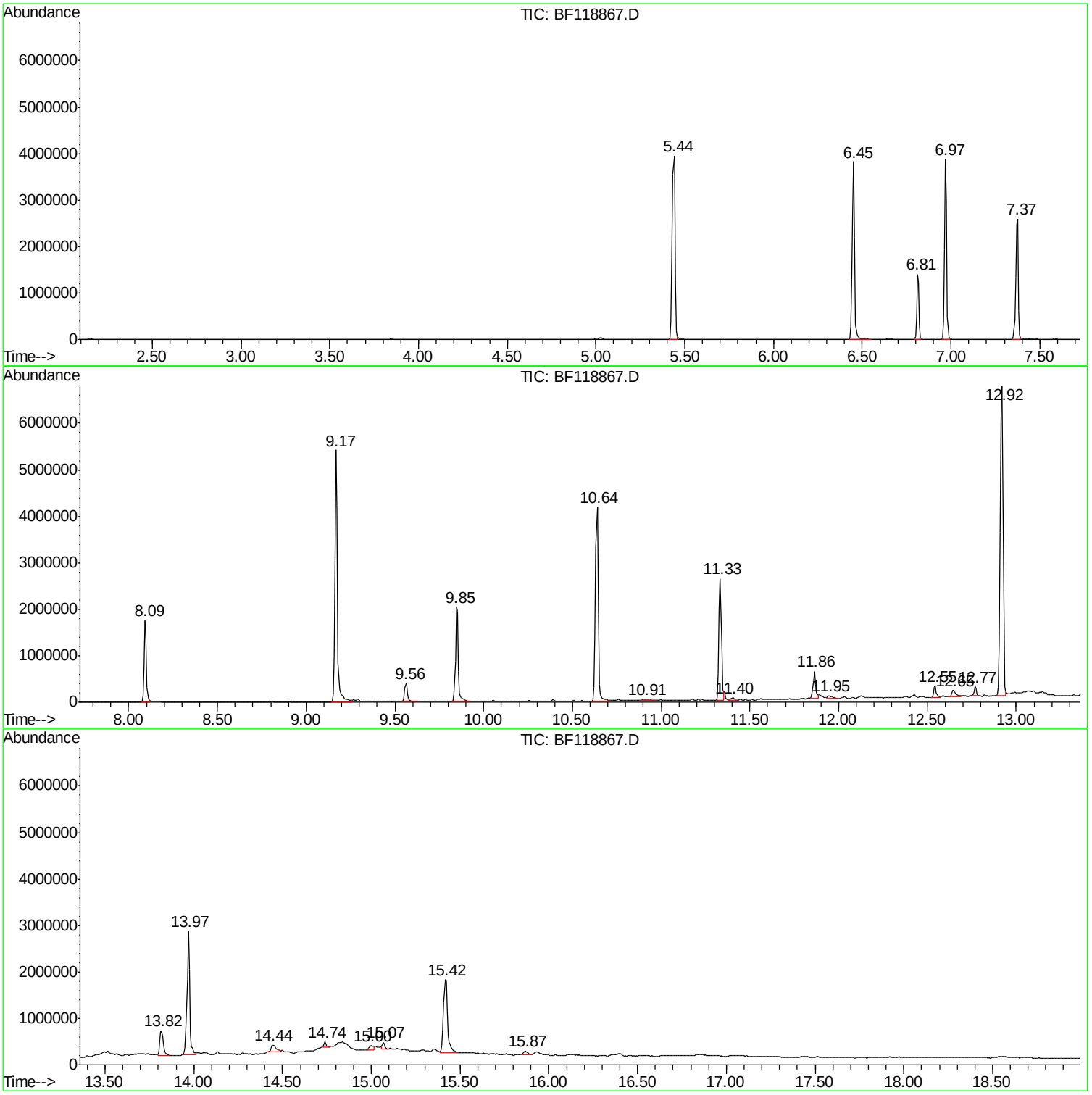
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118867.D
Acq On : 10 Feb 2020 13:09
Operator : CG/JU
Sample : L1456-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-337-290

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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\BF021020\
Data File : BF118867.D
Acq On : 10 Feb 2020 13:09
Operator : CG/JU
Sample : L1456-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-337-290

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

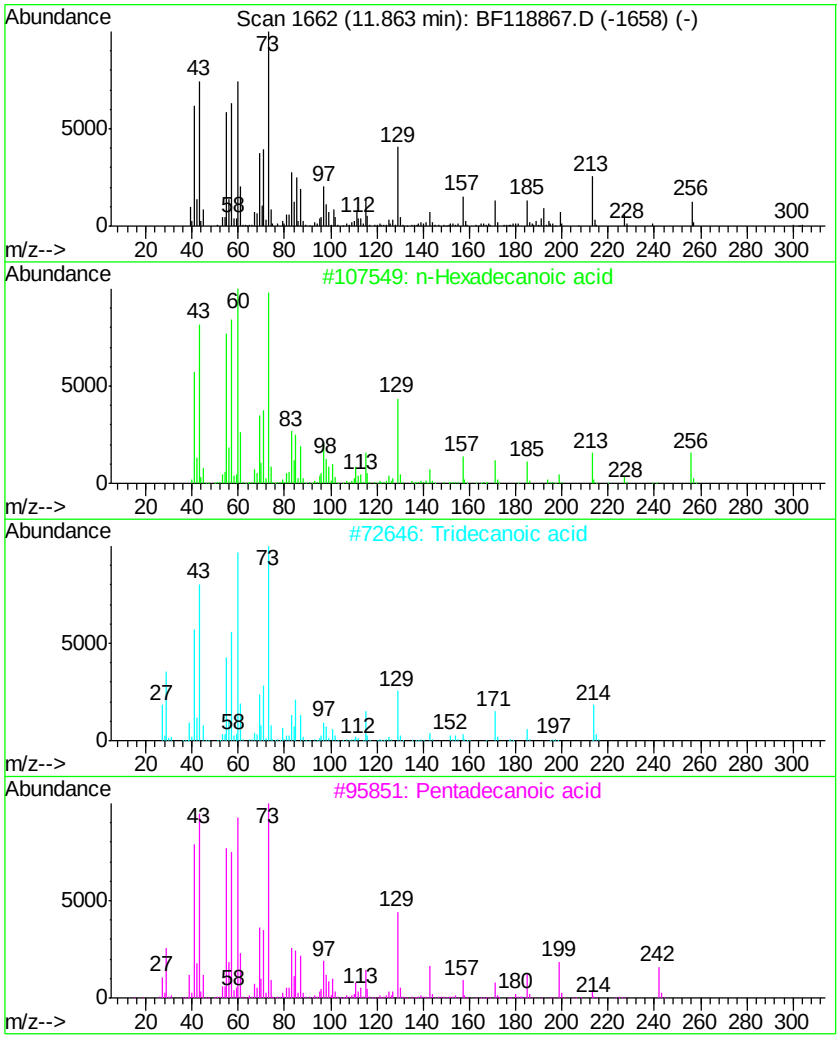
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

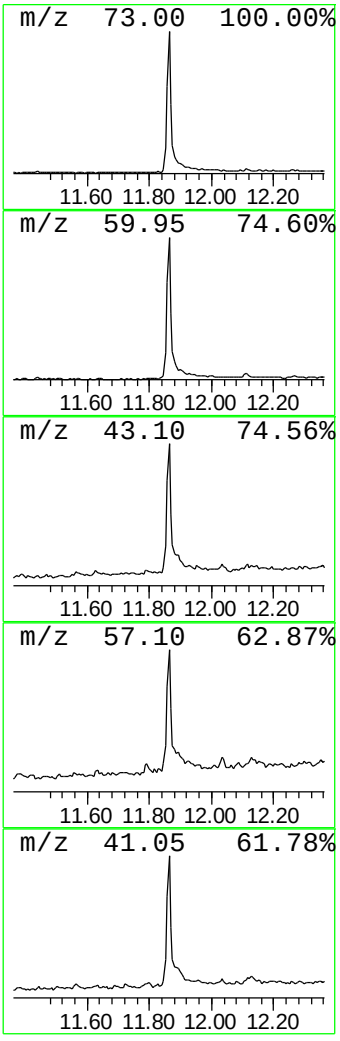
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.68 ng	564184	Phenanthrene-d10	11.33

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118867.D
Acq On : 10 Feb 2020 13:09
Operator : CG/JU
Sample : L1456-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-337-290

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

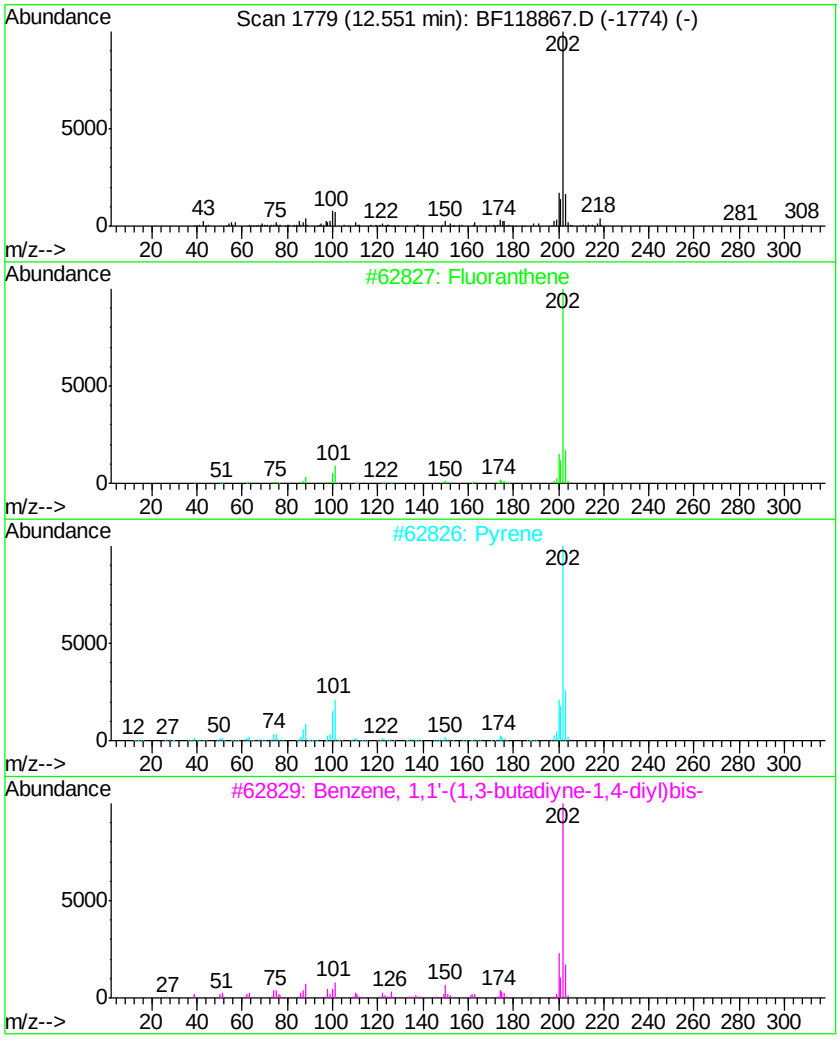
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

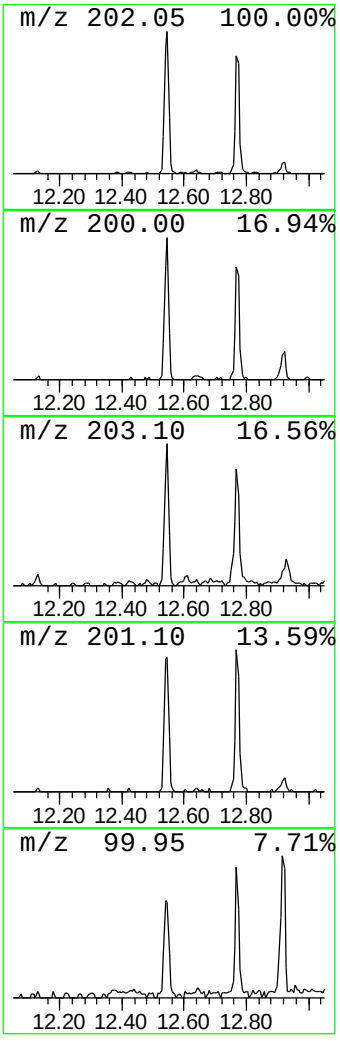
****

Peak Number 3 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	2.24 ng	269899	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Pyrene	202	C16H10	000129-00-0	93
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	64
4	Succinic acid, di(4-cyanophenyl)...	320	C18H12N2O4	1000360-71-2	38
5	Furan-2-one, 2,5-dihydro-5-(4-me...	202	C12H10O3	024962-84-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118867.D
Acq On : 10 Feb 2020 13:09
Operator : CG/JU
Sample : L1456-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-337-290

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

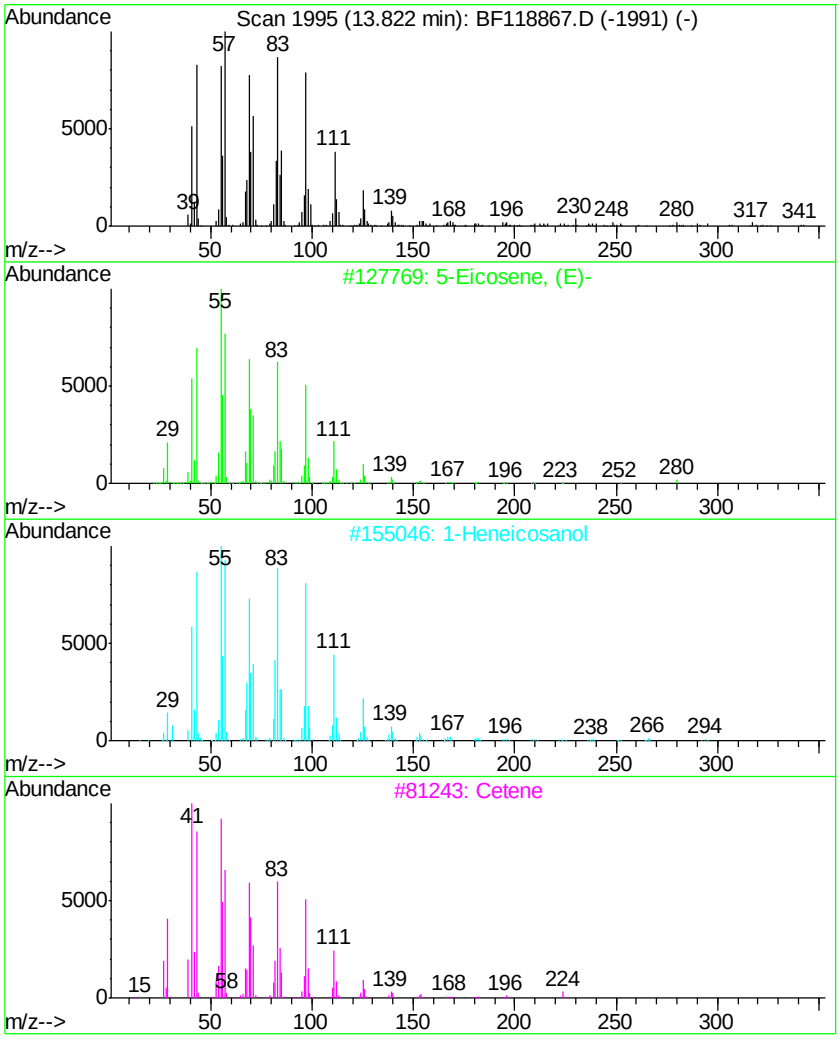
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

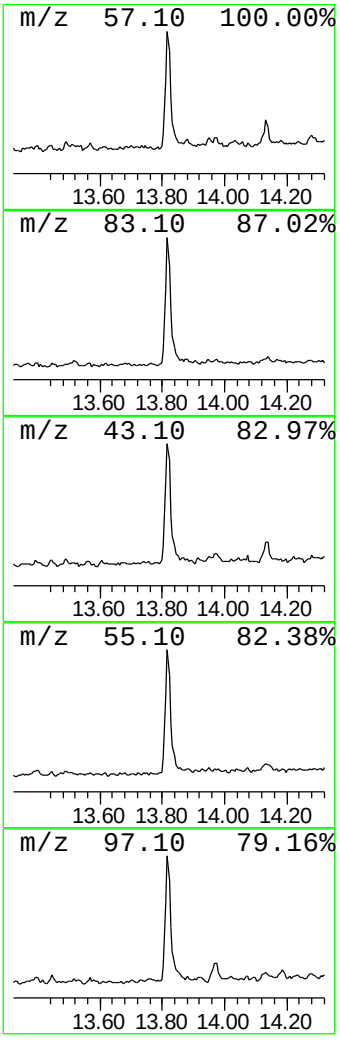
****

Peak Number 4 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	4.75 ng	647665	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Cetene	224	C16H32	000629-73-2	95
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118867.D
Acq On : 10 Feb 2020 13:09
Operator : CG/JU
Sample : L1456-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-337-290

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

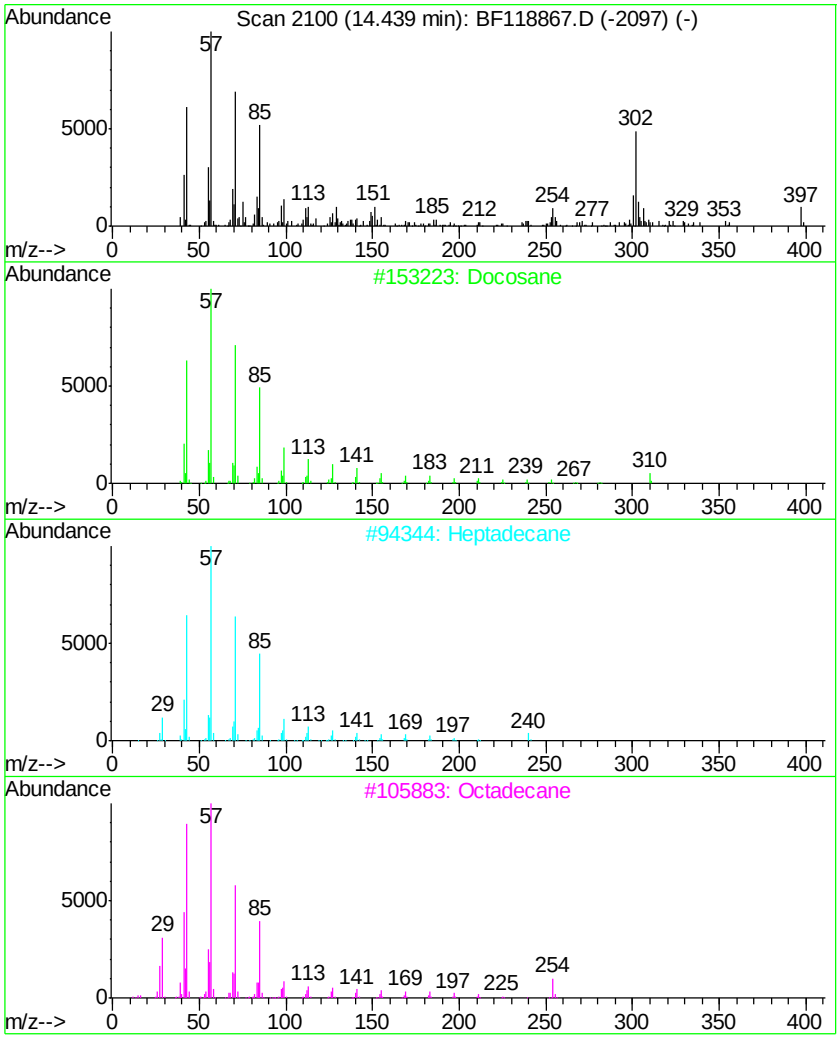
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

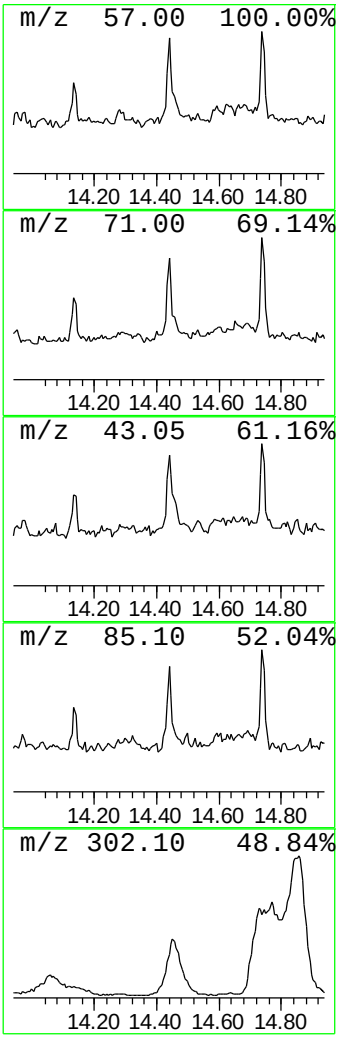
****

Peak Number 5 Docosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	2.43 ng	331469	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	66
2	Heptadecane	240	C17H36	000629-78-7	64
3	Octadecane	254	C18H38	000593-45-3	64
4	Nonadecane	268	C19H40	000629-92-5	60
5	Heneicosane	296	C21H44	000629-94-7	48





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021020\
Data File : BF118867.D
Acq On : 10 Feb 2020 13:09
Operator : CG/JU
Sample : L1456-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-337-290

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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
n-Hexadecanoic acid	11.86	4.7	ng	564184	4	11.33	2409450	20.0
Benzene, 1,1'-(1,...	12.55	2.2	ng	269899	4	11.33	2409450	20.0
5-Eicosene, (E)-	13.82	4.8	ng	647665	5	13.97	2728470	20.0
Docosane	14.44	2.4	ng	331469	5	13.97	2728470	20.0