LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108669.D
Acq On : 31 Aug 2018 4:57
Operator : JU/SJ
Sample : J4700-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082818-DBRI-F-D-S

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-BF083018.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	5.666	560	566	567	rBV	47959	70775	2.07%	0.402%
2	6.660	730	735	751	rBV	81106	316163	9.23%	1.796%
3	6.772	751	754	785	rVB	579659	1386611	40.48%	7.878%
4	7.007	790	794	815	rVV	211865	575743	16.81%	3.271%
5	7.154	815	819	853	rVB	1586907	2203852	64.34%	12.522%
6	7.566	885	889	911	rBV	874567	1695278	49.49%	9.632%
7	8.283	1007	1011	1039	rBV	300794	654095	19.10%	3.716%
8	9.354	1189	1193	1226	rBV	2769580	3425190	100.00%	19.461%
9	9.748	1256	1260	1271	rBV	69214	110474	3.23%	0.628%
10	10.042	1306	1310	1334	rBV	514575	688556	20.10%	3.912%
11	10.695	1418	1421	1430	rBV	47413	46403	1.35%	0.264%
12	10.836	1441	1445	1463	rBV	691627	1129623	32.98%	6.418%
13	11.542	1561	1565	1580	rBV	424407	642272	18.75%	3.649%
14	13.118	1829	1833	1851	rBV	2627161	2763886	80.69%	15.704%
15	14.036	1984	1989	2000	rBV6	28582	86318	2.52%	0.490%
16	14.189	2011	2015	2026	rBV	636611	767467	22.41%	4.361%
17	14.936	2138	2142	2148	rVB	38309	41791	1.22%	0.237%
18	15.295	2199	2203	2210	rVB	56108	62952	1.84%	0.358%
19	15.701	2267	2272	2275	rBV	65266	87204	2.55%	0.495%
20	15.748	2275	2280	2292	rVB	373340	604409	17.65%	3.434%
21	16.171	2347	2352	2359	rVB2	59151	94823	2.77%	0.539%
22	16.718	2439	2445	2451	rBV	47605	85121	2.49%	0.484%
23	17.365	2549	2555	2561	rVB3	27888	60943	1.78%	0.346%

Sum of corrected areas: 17599949

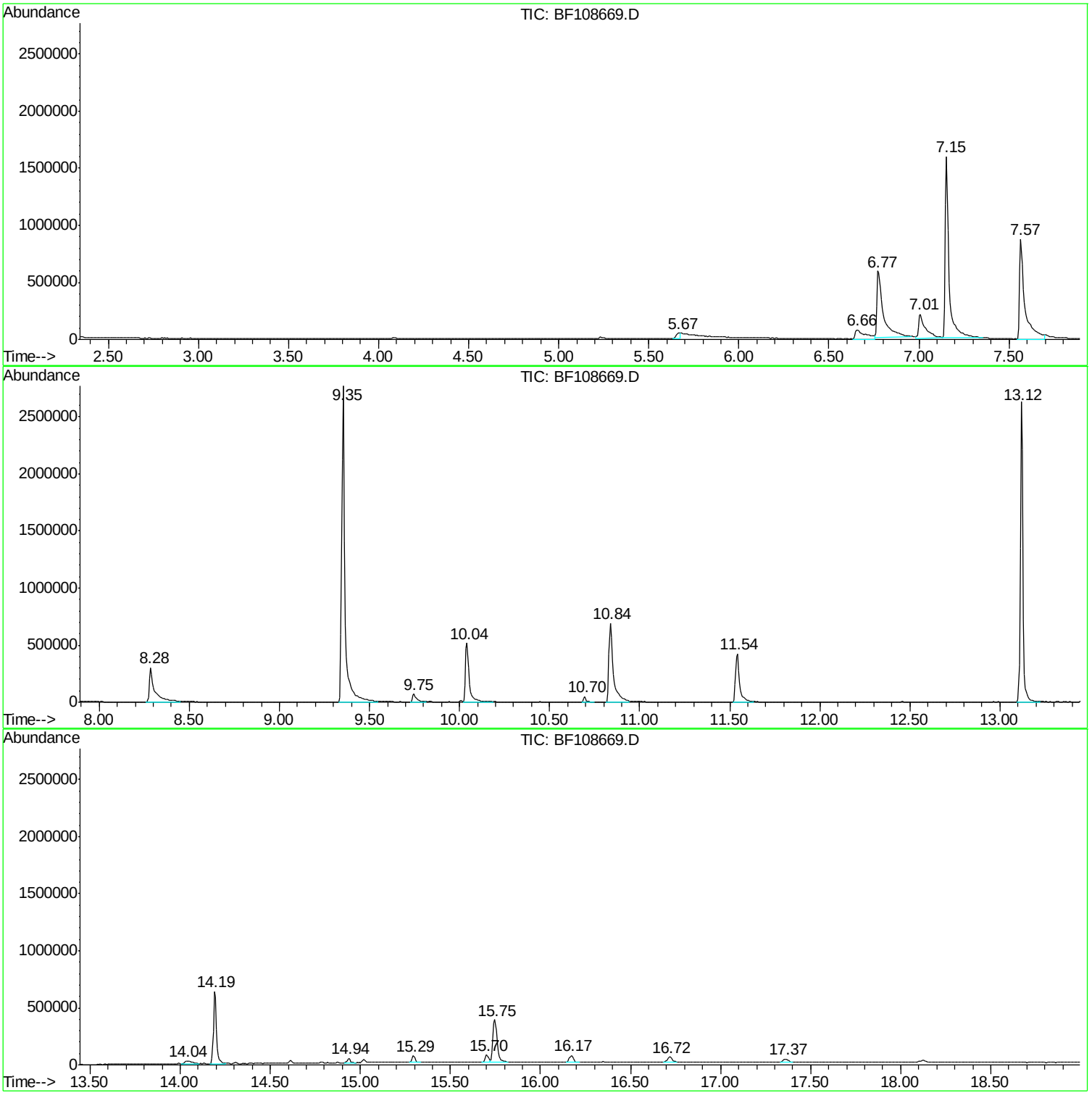
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108669.D
Acq On : 31 Aug 2018 4:57
Operator : JU/SJ
Sample : J4700-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082818-DBRI-F-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.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\BF083018\
Data File : BF108669.D
Acq On : 31 Aug 2018 4:57
Operator : JU/SJ
Sample : J4700-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082818-DBRI-F-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

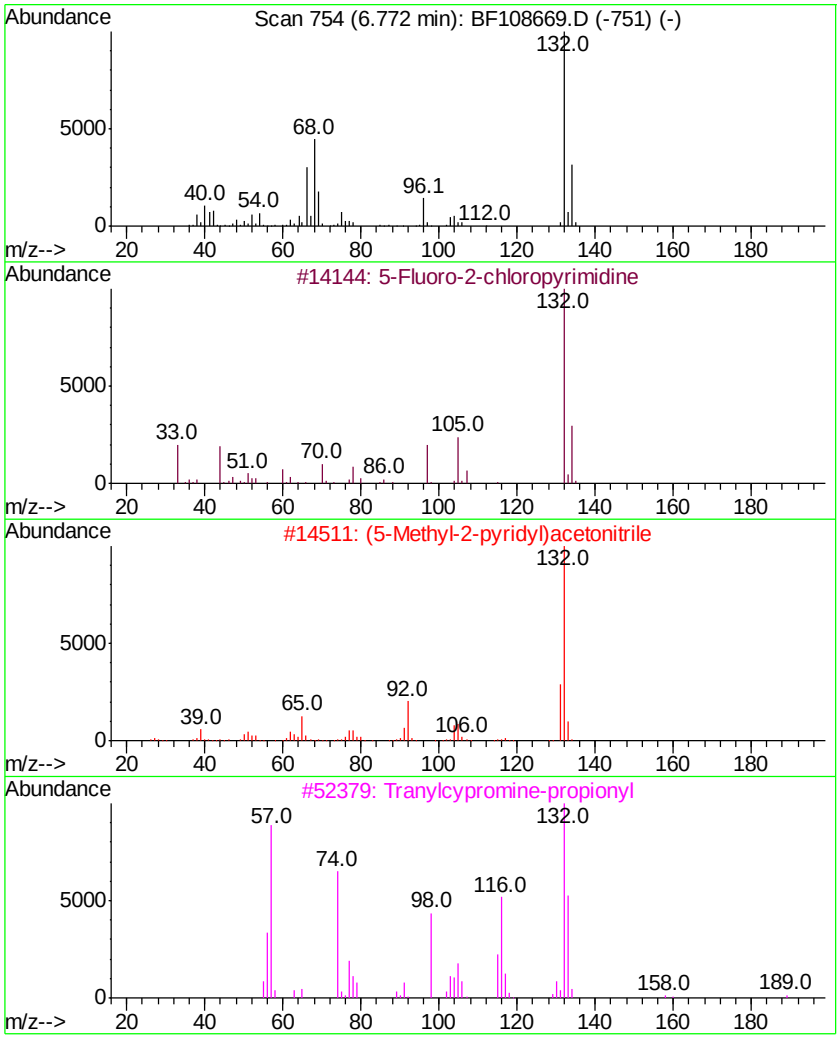
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

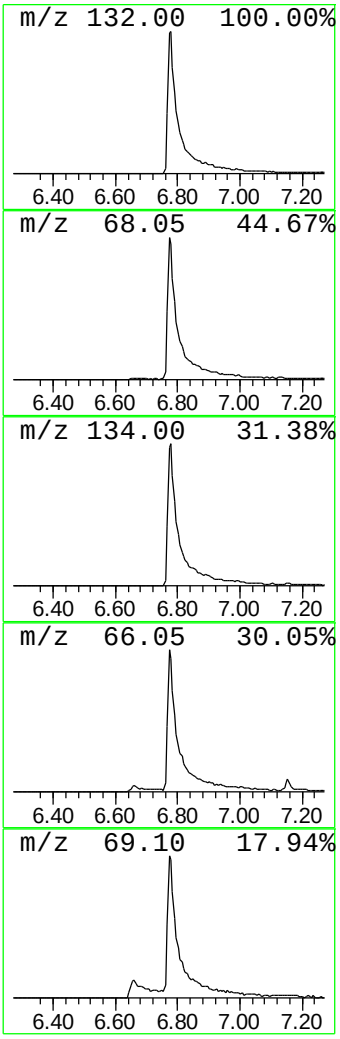
****

Peak Number 1 unknown6.77 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	48.17 ng	1386610	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108669.D
Acq On : 31 Aug 2018 4:57
Operator : JU/SJ
Sample : J4700-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082818-DBRI-F-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

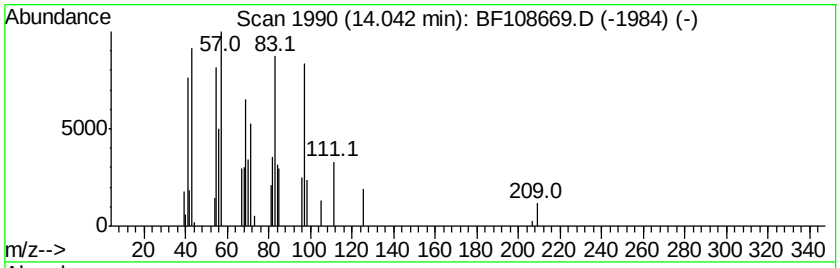
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

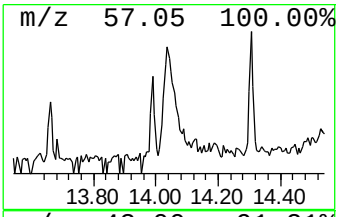
****

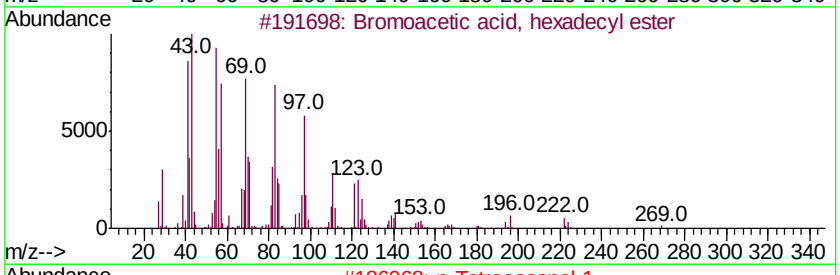
Peak Number 3 Bromoacetic acid, hexadecyl... Concentration Rank 5

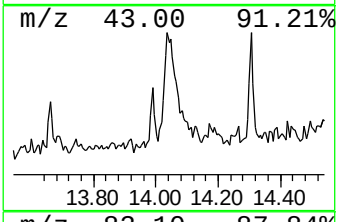
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.25 ng	86318	Chrysene-d12	14.19

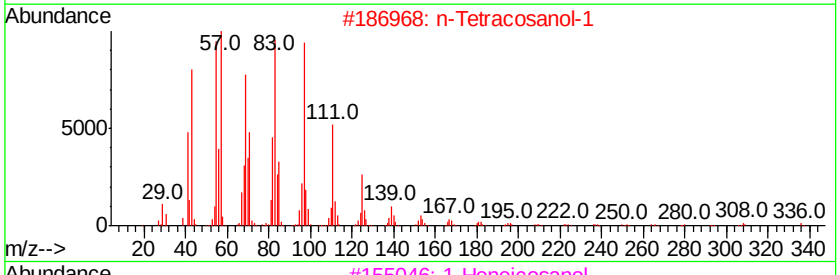
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	1-Eicosanol	298	C20H42O	000629-96-9	90
5	Behenic alcohol	326	C22H46O	000661-19-8	90

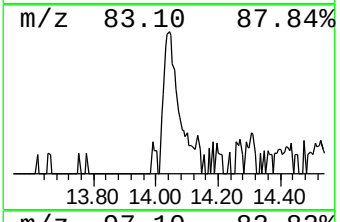


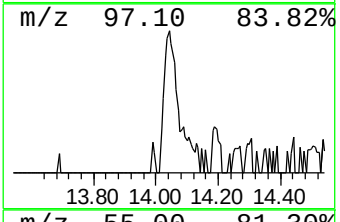


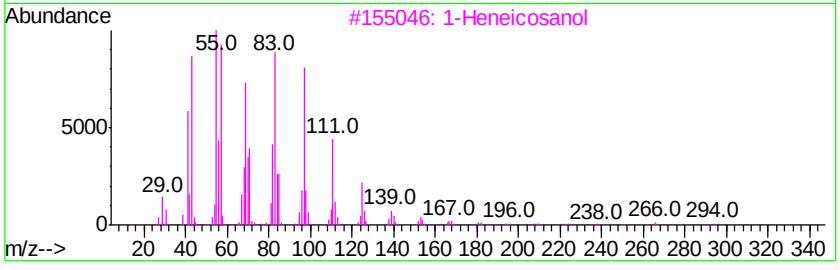


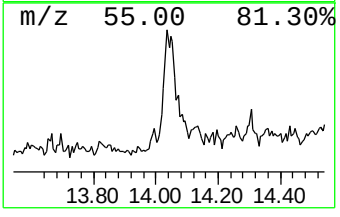












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108669.D
Acq On : 31 Aug 2018 4:57
Operator : JU/SJ
Sample : J4700-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082818-DBRI-F-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

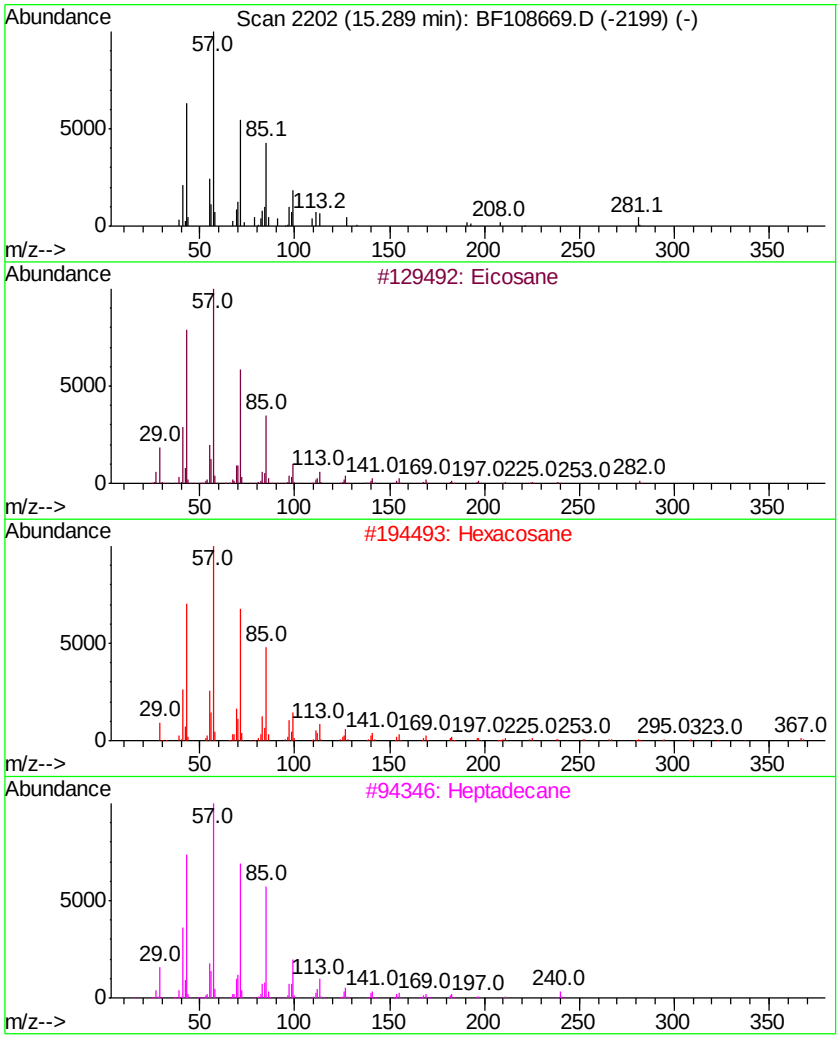
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

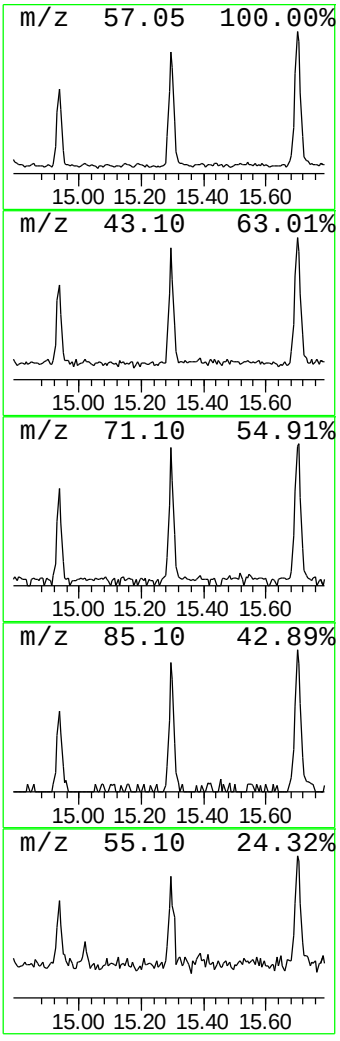
****

Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	2.08 ng	62952	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108669.D
Acq On : 31 Aug 2018 4:57
Operator : JU/SJ
Sample : J4700-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082818-DBRI-F-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

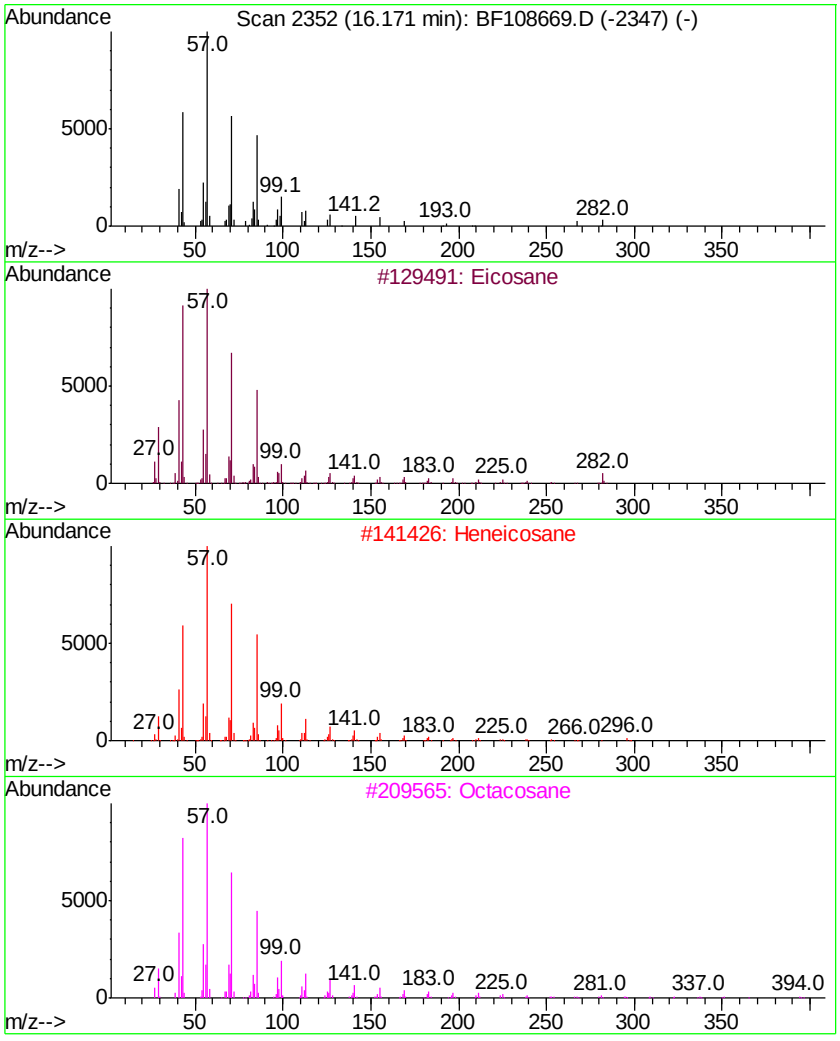
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

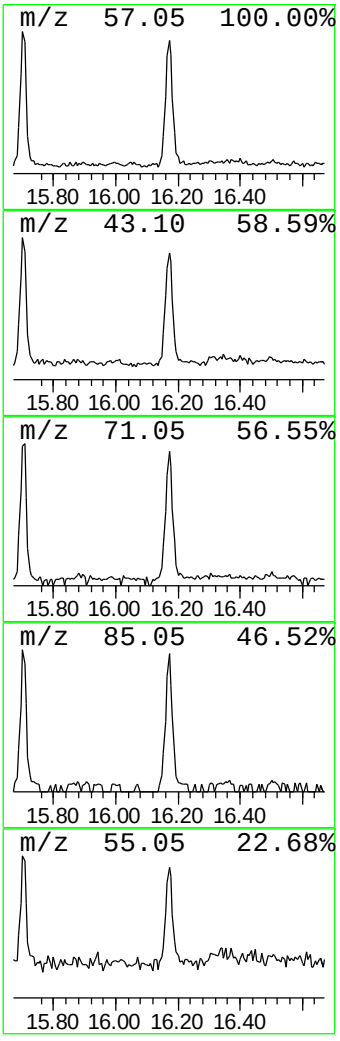
****

Peak Number 5 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	3.14 ng	94823	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Octadecane	254	C18H38	000593-45-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108669.D
Acq On : 31 Aug 2018 4:57
Operator : JU/SJ
Sample : J4700-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082818-DBRI-F-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

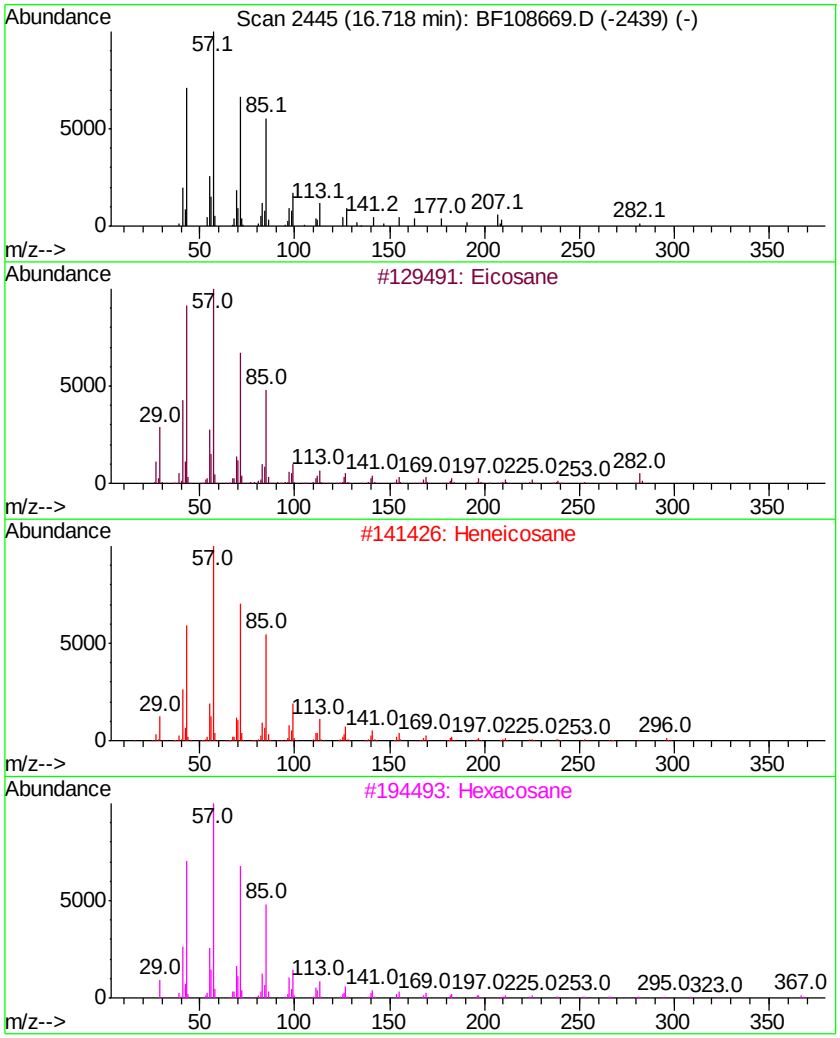
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

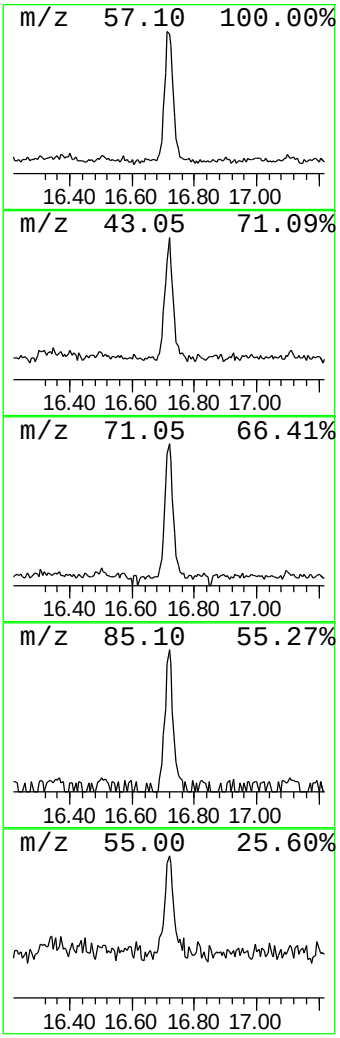
****

Peak Number 6 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	2.82 ng	85121	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108669.D
Acq On : 31 Aug 2018 4:57
Operator : JU/SJ
Sample : J4700-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082818-DBRI-F-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

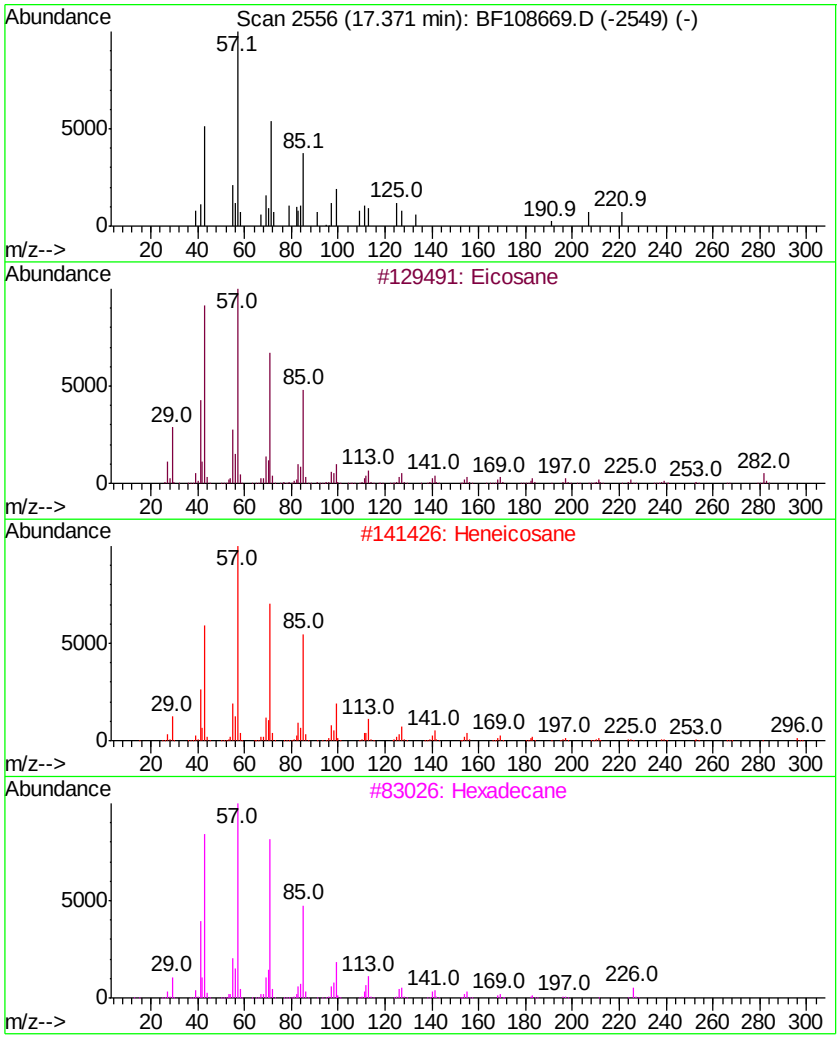
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

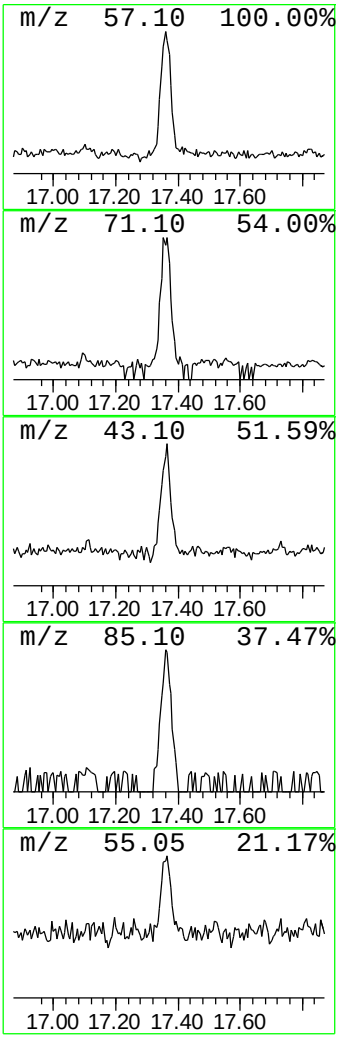
****

Peak Number 7 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	2.02 ng	60943	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Hexacosane	366	C26H54	000630-01-3	86
5	Nonadecane	268	C19H40	000629-92-5	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083018\
Data File : BF108669.D
Acq On : 31 Aug 2018 4:57
Operator : JU/SJ
Sample : J4700-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082818-DBRI-F-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.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
unknown6.77	6.77	48.2	ng	1386610	1	7.01	575743	20.0
Bromoacetic acid,...	14.04	2.3	ng	86318	5	14.19	767467	20.0
Eicosane	15.29	2.1	ng	62952	6	15.75	604409	20.0
Heneicosane	16.17	3.1	ng	94823	6	15.75	604409	20.0
Hexacosane	16.72	2.8	ng	85121	6	15.75	604409	20.0
Nonadecane	17.37	2.0	ng	60943	6	15.75	604409	20.0