LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108670.D
Acq On : 31 Aug 2018 5:24
Operator : JU/SJ
Sample : J4700-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082818-DBRI-F-U-B

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	5.672	559	567	570	rBV4	53781	138483	3.82%	0.735%
2	6.660	730	735	749	rBV	91817	331334	9.14%	1.758%
3	6.772	751	754	780	rVV	632821	1408257	38.85%	7.470%
4	7.007	790	794	815	rVV	205347	514720	14.20%	2.730%
5	7.154	815	819	868	rVB	1658814	2427242	66.97%	12.876%
6	7.566	885	889	919	rBV	950546	1893804	52.25%	10.046%
7	8.283	1007	1011	1046	rBV	301112	673116	18.57%	3.571%
8	9.354	1189	1193	1230	rBV	2939531	3624592	100.00%	19.227%
9	9.748	1256	1260	1273	rBV	55632	92807	2.56%	0.492%
10	10.042	1306	1310	1328	rBV	515181	719820	19.86%	3.818%
11	10.695	1418	1421	1429	rBV	51204	47543	1.31%	0.252%
12	10.836	1441	1445	1467	rBV	725744	1201078	33.14%	6.371%
13	11.542	1561	1565	1584	rBV	426392	684745	18.89%	3.632%
14	13.118	1829	1833	1854	rBV	2812654	2918362	80.52%	15.481%
15	14.189	2011	2015	2031	rBV	639599	773565	21.34%	4.103%
16	14.612	2083	2087	2091	rVB2	38264	38313	1.06%	0.203%
17	14.936	2138	2142	2146	rBV	57395	59015	1.63%	0.313%
18	15.295	2199	2203	2212	rBV	81958	99409	2.74%	0.527%
19	15.701	2267	2272	2275	rBV	95339	129788	3.58%	0.688%
20	15.748	2275	2280	2294	rVB	377112	618366	17.06%	3.280%
21	16.171	2347	2352	2359	rVB	95728	146844	4.05%	0.779%
22	16.718	2439	2445	2455	rVB	78065	145006	4.00%	0.769%
23	17.359	2548	2554	2562	rVB3	43480	98267	2.71%	0.521%
24	18.124	2678	2684	2695	rVB4	26598	66920	1.85%	0.355%

Sum of corrected areas: 18851396

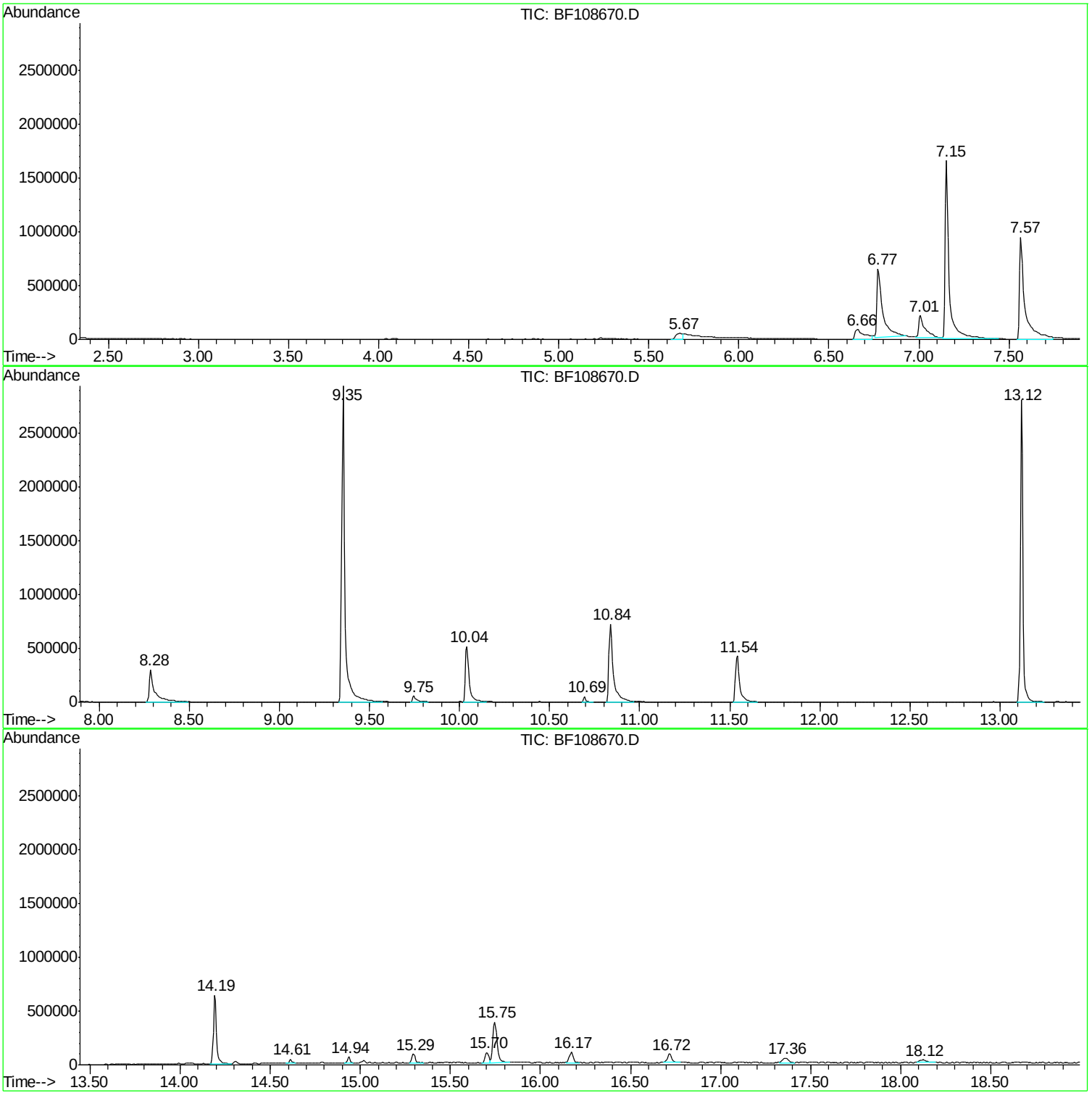
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108670.D
Acq On : 31 Aug 2018 5:24
Operator : JU/SJ
Sample : J4700-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-U-B

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108670.D
Acq On : 31 Aug 2018 5:24
Operator : JU/SJ
Sample : J4700-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082818-DBRI-F-U-B

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

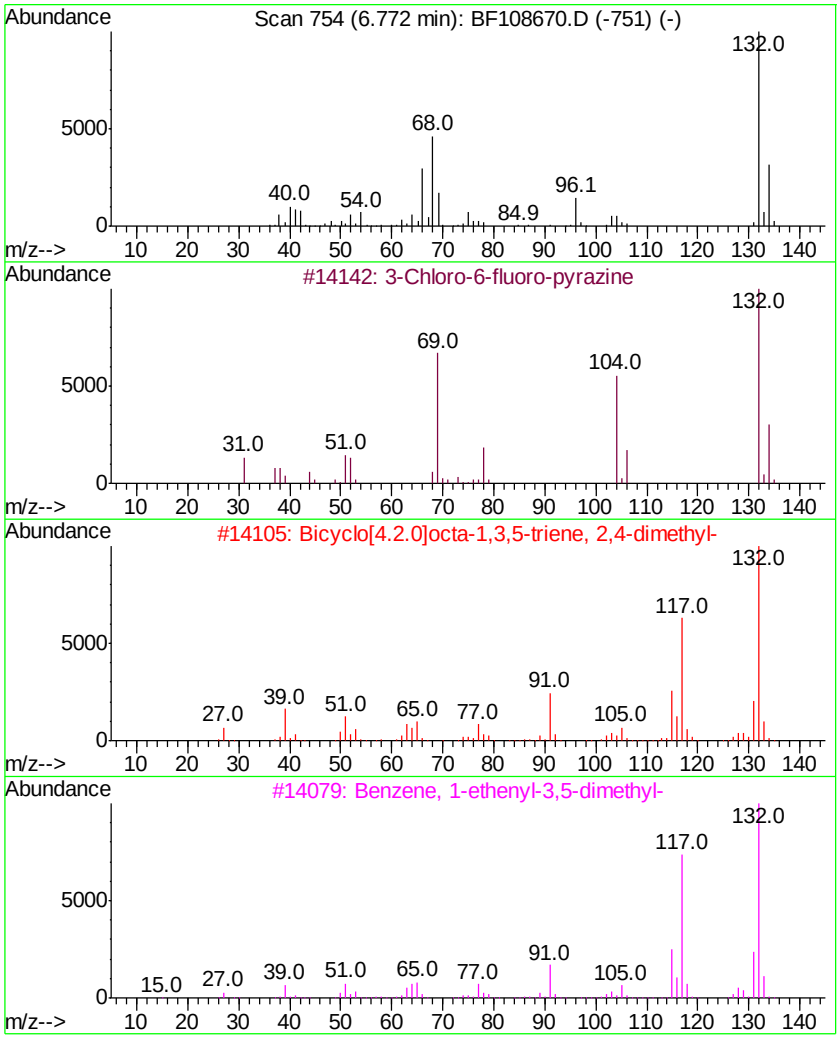
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

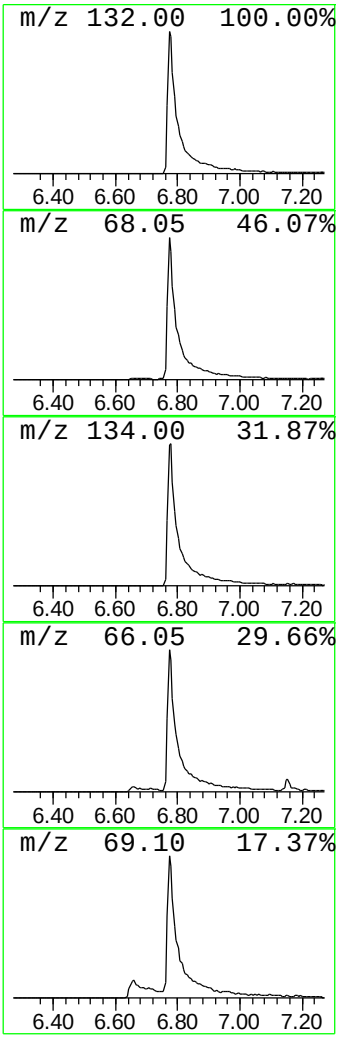
****

Peak Number 1 unknown6.77 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	54.72 ng	1408260	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108670.D
Acq On : 31 Aug 2018 5:24
Operator : JU/SJ
Sample : J4700-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082818-DBRI-F-U-B

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

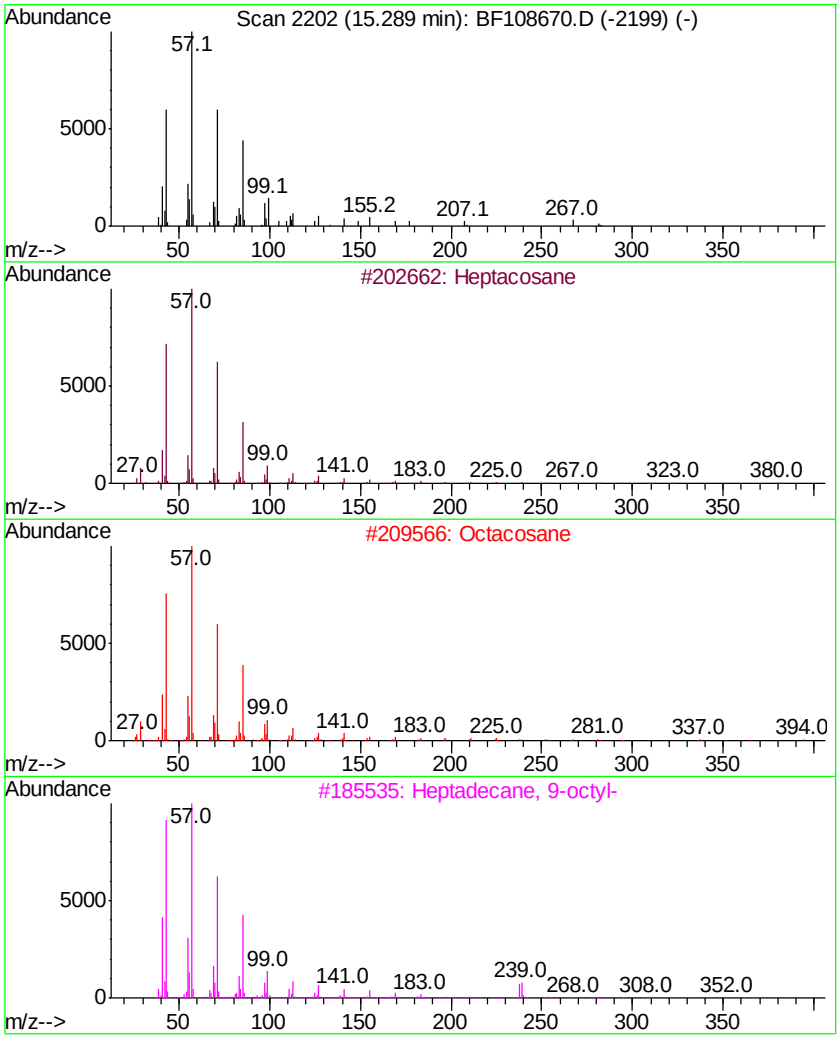
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

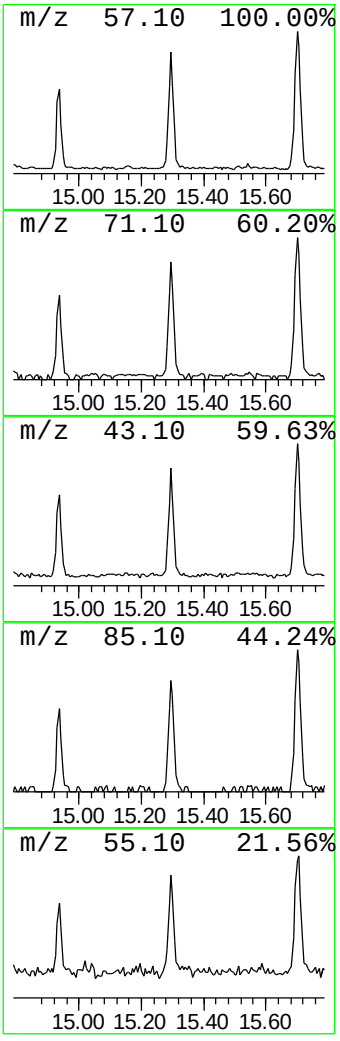
****

Peak Number 3 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	3.22 ng	99409	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Tetracosane	338	C24H50	000646-31-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108670.D
Acq On : 31 Aug 2018 5:24
Operator : JU/SJ
Sample : J4700-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082818-DBRI-F-U-B

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

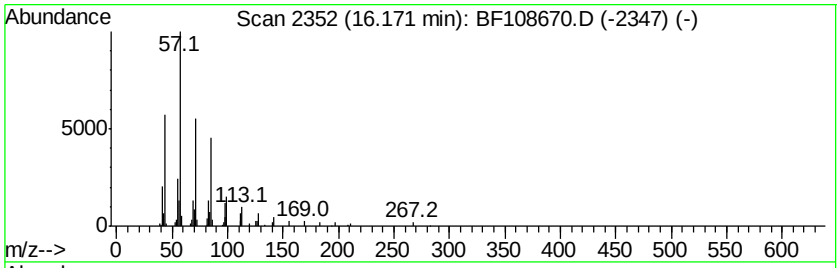
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

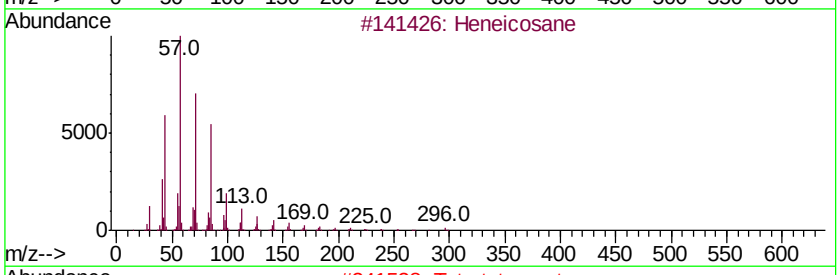
****

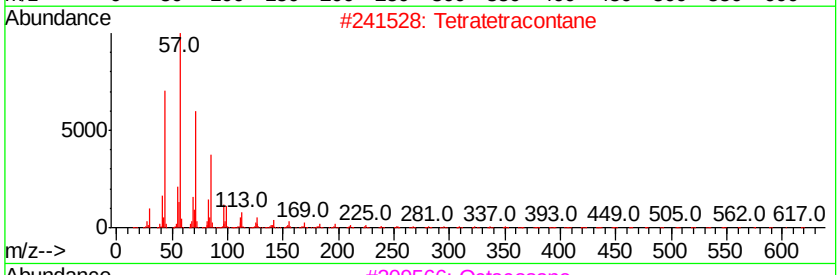
Peak Number 4 Heneicosane Concentration Rank 3

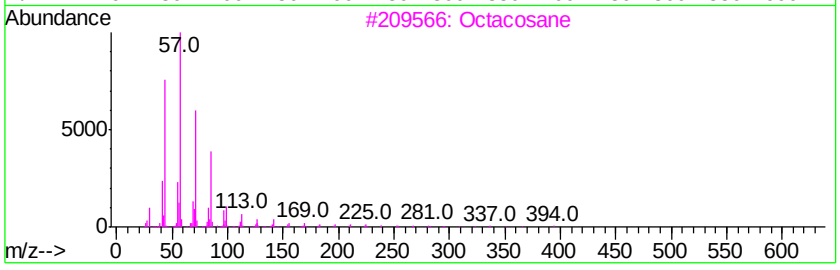
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	4.75 ng	146844	Perylene-d12	15.75

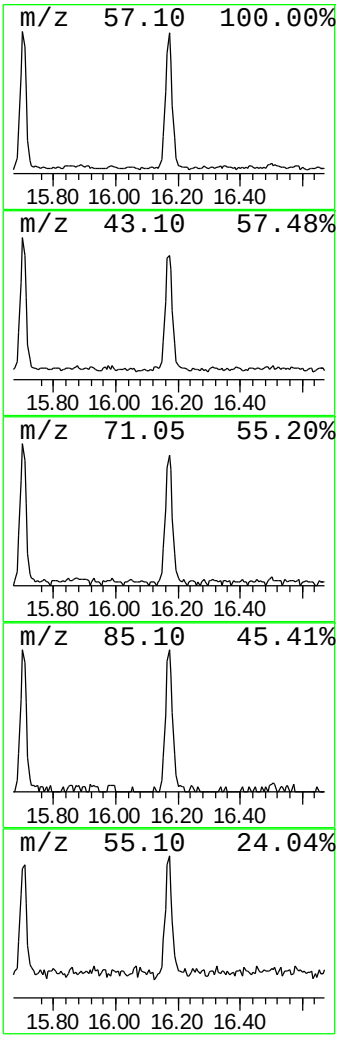
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91











Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108670.D
Acq On : 31 Aug 2018 5:24
Operator : JU/SJ
Sample : J4700-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082818-DBRI-F-U-B

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

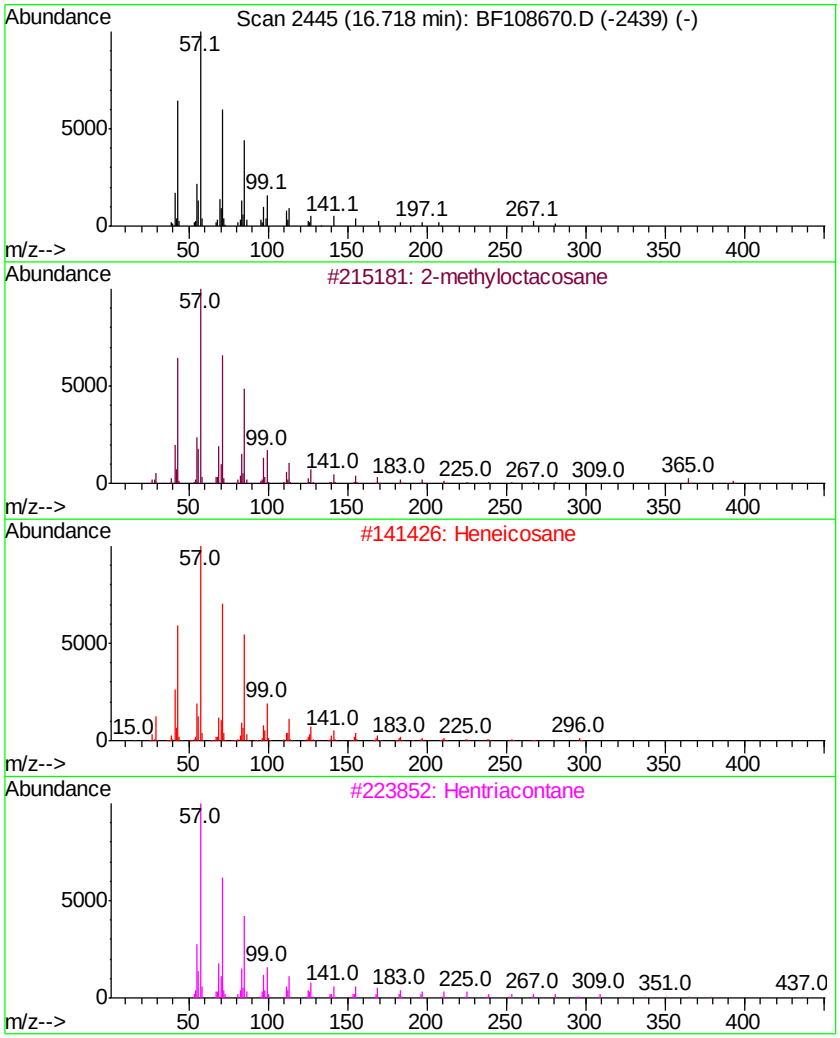
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

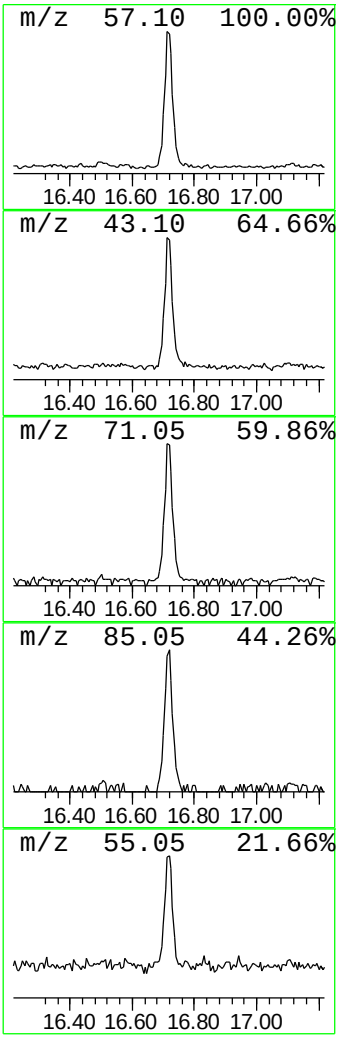
****

Peak Number 5 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	4.69 ng	145006	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108670.D
Acq On : 31 Aug 2018 5:24
Operator : JU/SJ
Sample : J4700-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082818-DBRI-F-U-B

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

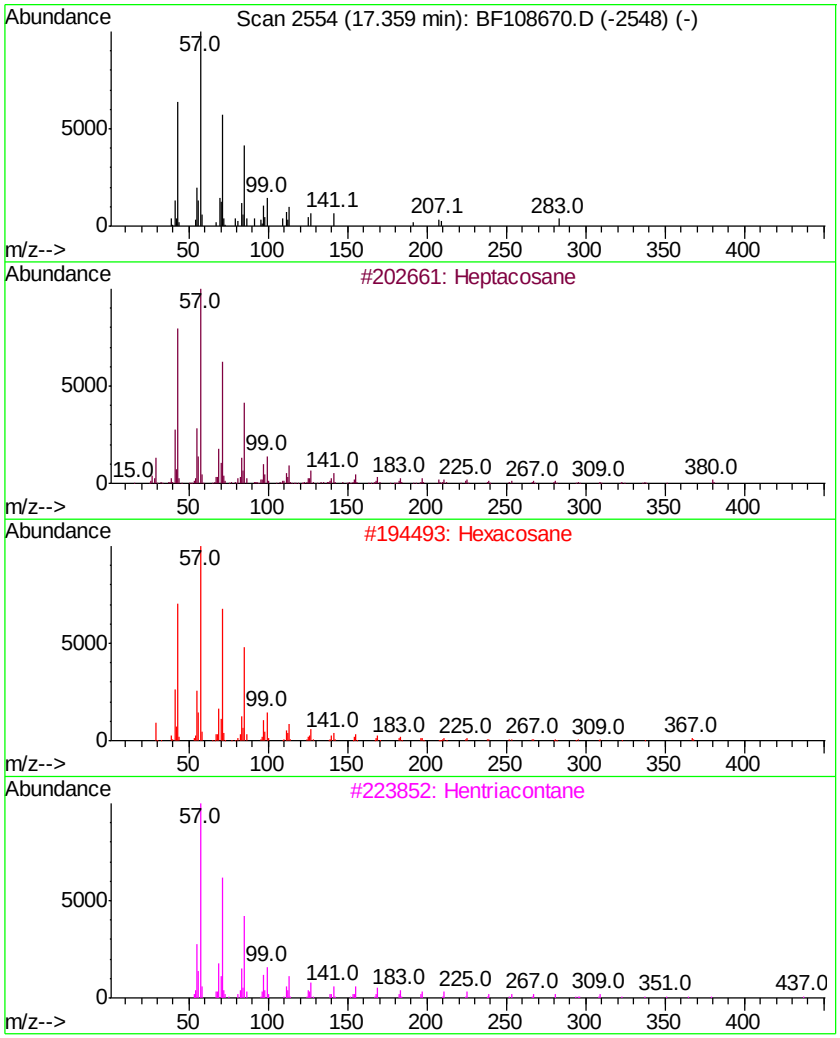
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

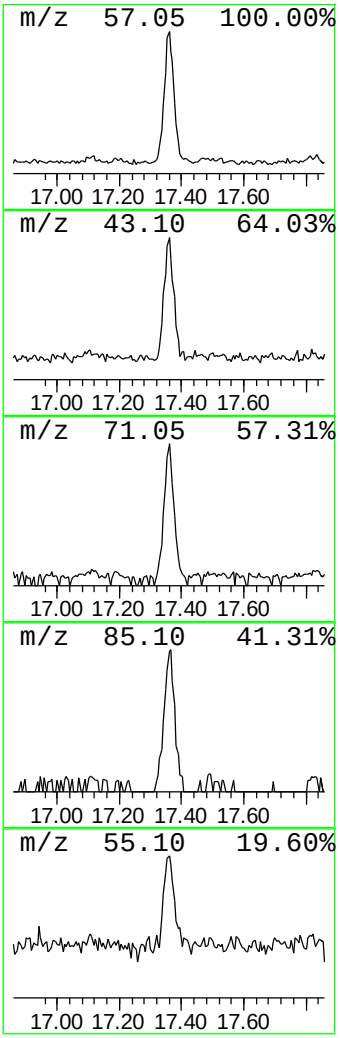
****

Peak Number 6 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	3.18 ng	98267	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Pentacosane	352	C25H52	000629-99-2	87
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108670.D
Acq On : 31 Aug 2018 5:24
Operator : JU/SJ
Sample : J4700-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082818-DBRI-F-U-B

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

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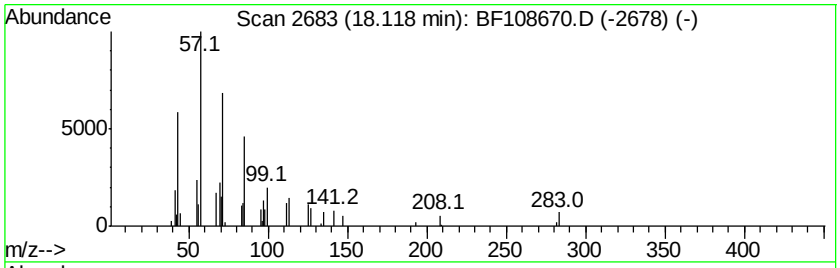
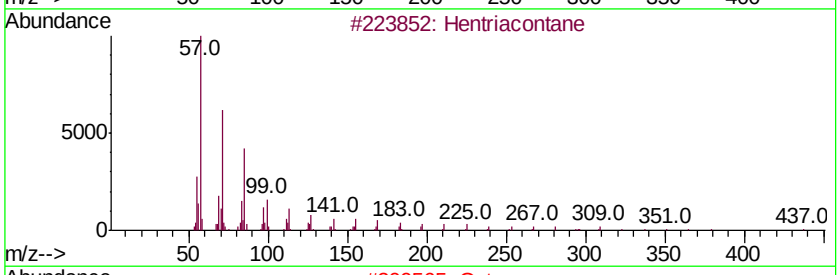
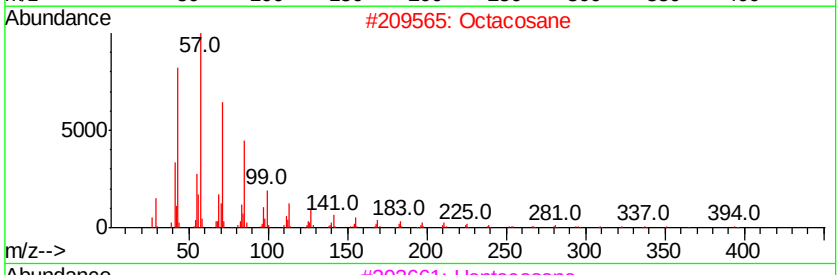
Peak Number 7 Eicosane, 7-hexyl- Concentration Rank 7

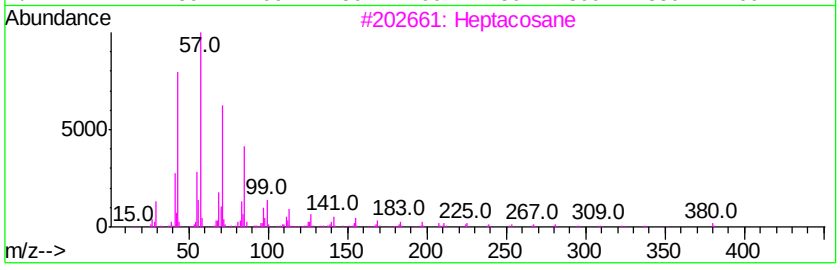
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.16 ng	66920	Perylene-d12	15.75

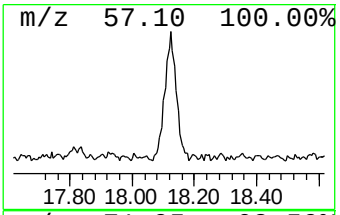
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	83
2	Octacosane	394	C28H58	000630-02-4	72
3	Heptacosane	380	C27H56	000593-49-7	72
4	Hexacosane	366	C26H54	000630-01-3	72
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	72

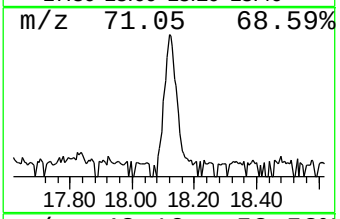


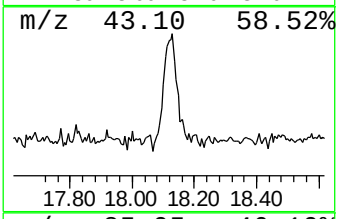


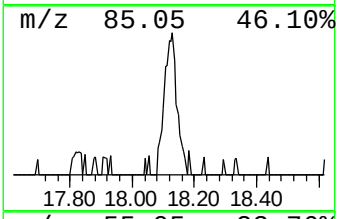


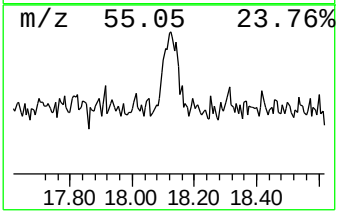












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083018\
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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	54.7	ng	1408260	1	7.01	514720	20.0
Heptacosane	15.29	3.2	ng	99409	6	15.75	618366	20.0
Heneicosane	16.17	4.8	ng	146844	6	15.75	618366	20.0
2-methyloctacosane	16.72	4.7	ng	145006	6	15.75	618366	20.0
Pentacosane	17.36	3.2	ng	98267	6	15.75	618366	20.0
Eicosane, 7-hexyl-	18.12	2.2	ng	66920	6	15.75	618366	20.0