LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101670.D
Acq On : 22 Dec 2017 22:50
Operator : SJ/JU
Sample : I6966-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-WW-3-4-10

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:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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	4.998	492	495	505	rBV	24375	45702	3.93%	0.471%
2	5.416	563	566	587	rBV	159145	359776	30.91%	3.708%
3	6.439	737	740	758	rBV	199142	398511	34.24%	4.107%
4	6.563	758	761	767	rBV	325941	385690	33.14%	3.975%
5	6.786	795	799	810	rBV	957323	935009	80.33%	9.635%
6	6.945	823	826	834	rBV	238947	270084	23.20%	2.783%
7	7.363	894	897	914	rBV	122181	223368	19.19%	2.302%
8	8.069	1013	1017	1024	rBV	1222149	1163991	100.00%	11.995%
9	9.139	1196	1199	1207	rBV	452896	393729	33.83%	4.057%
10	9.527	1261	1265	1272	rBV7	40280	80607	6.93%	0.831%
11	9.680	1287	1291	1293	rBV4	25182	31928	2.74%	0.329%
12	9.722	1295	1298	1300	rVB	39322	31978	2.75%	0.330%
13	9.822	1312	1315	1324	rVB2	1263189	1138026	97.77%	11.727%
14	10.069	1354	1357	1365	rBV8	21502	30487	2.62%	0.314%
15	10.145	1365	1370	1372	rBV5	28322	41382	3.56%	0.426%
16	10.222	1379	1383	1387	rBV5	56033	69491	5.97%	0.716%
17	10.457	1418	1423	1426	rBV	90002	116885	10.04%	1.205%
18	10.622	1448	1451	1457	rBV2	150255	190011	16.32%	1.958%
19	10.722	1464	1468	1472	rBV	210718	227260	19.52%	2.342%
20	11.186	1544	1547	1551	rBV	249363	257772	22.15%	2.656%
21	11.316	1565	1569	1575	rBV	1083956	1004374	86.29%	10.350%
22	11.539	1604	1607	1610	rBV	156685	167880	14.42%	1.730%
23	12.486	1766	1768	1772	rBV2	216315	229908	19.75%	2.369%
24	12.868	1831	1833	1836	rBV	261673	277559	23.85%	2.860%
25	12.898	1836	1838	1841	rVB	282869	231874	19.92%	2.389%
26	13.974	2018	2021	2025	rVB	543843	511728	43.96%	5.273%
27	16.498	2446	2450	2458	rVB	497828	888974	76.37%	9.161%

Sum of corrected areas: 9703984

LSC Report - Integrated Chromatogram

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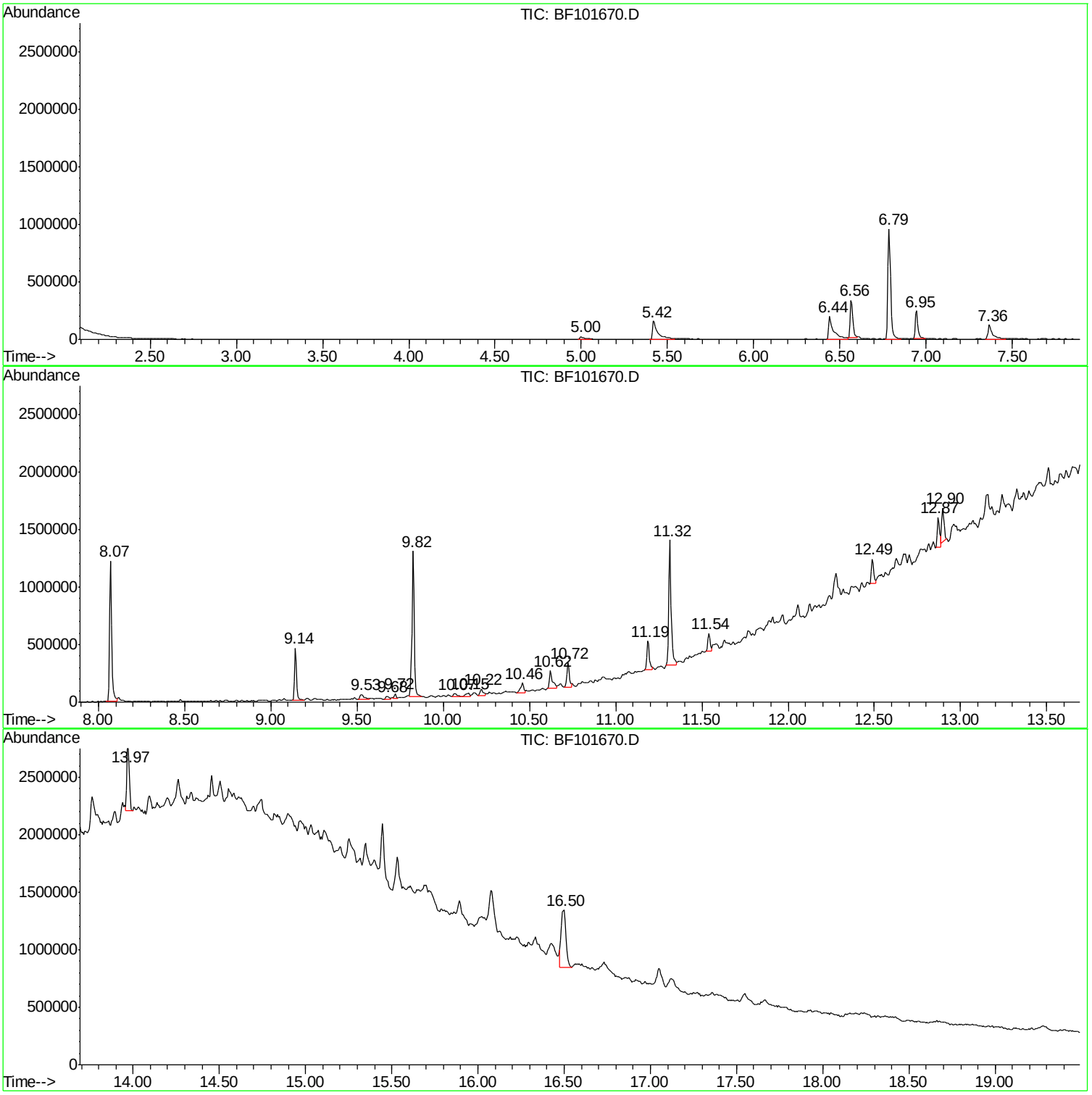
Data File : BF101670.D
Acq On : 22 Dec 2017 22:50
Operator : SJ/JU
Sample : I6966-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101670.D
Acq On : 22 Dec 2017 22:50
Operator : SJ/JU
Sample : I6966-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-WW-3-4-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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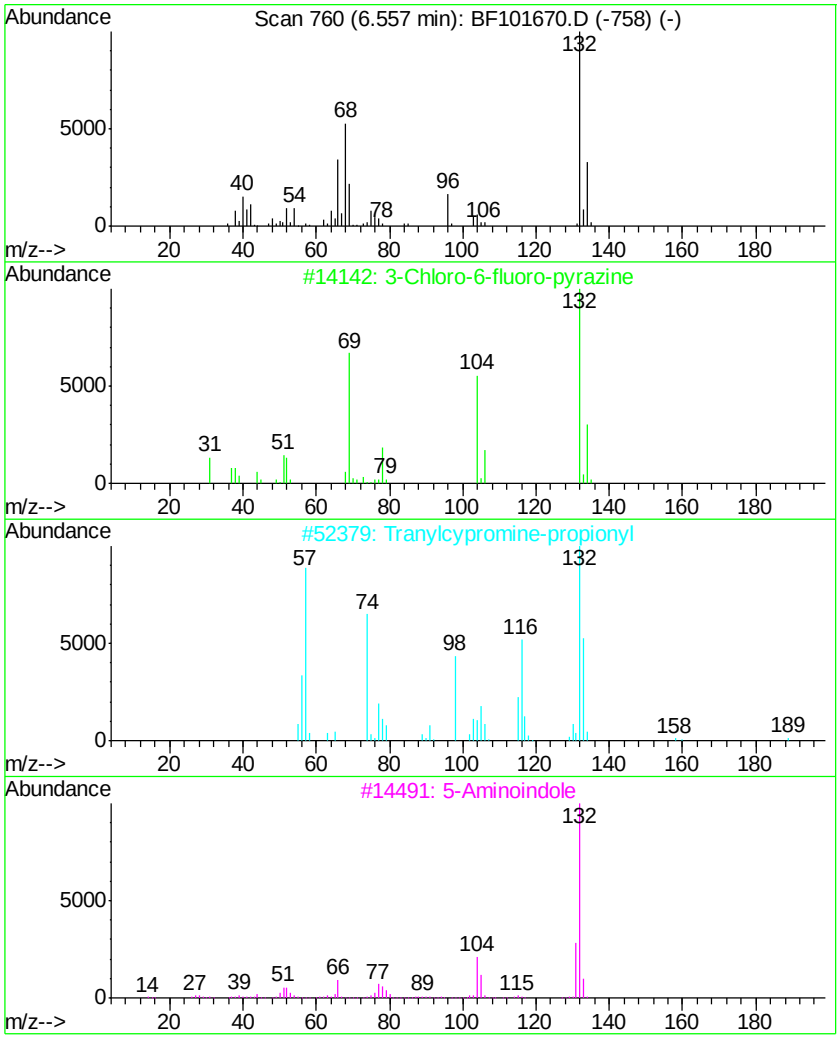
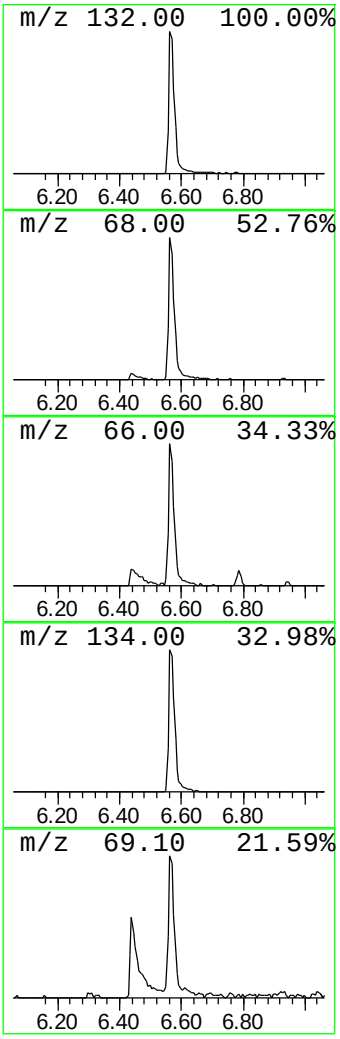
Peak Number 1 unknown6.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	8.25 ng	385690	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101670.D
Acq On : 22 Dec 2017 22:50
Operator : SJ/JU
Sample : I6966-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-WW-3-4-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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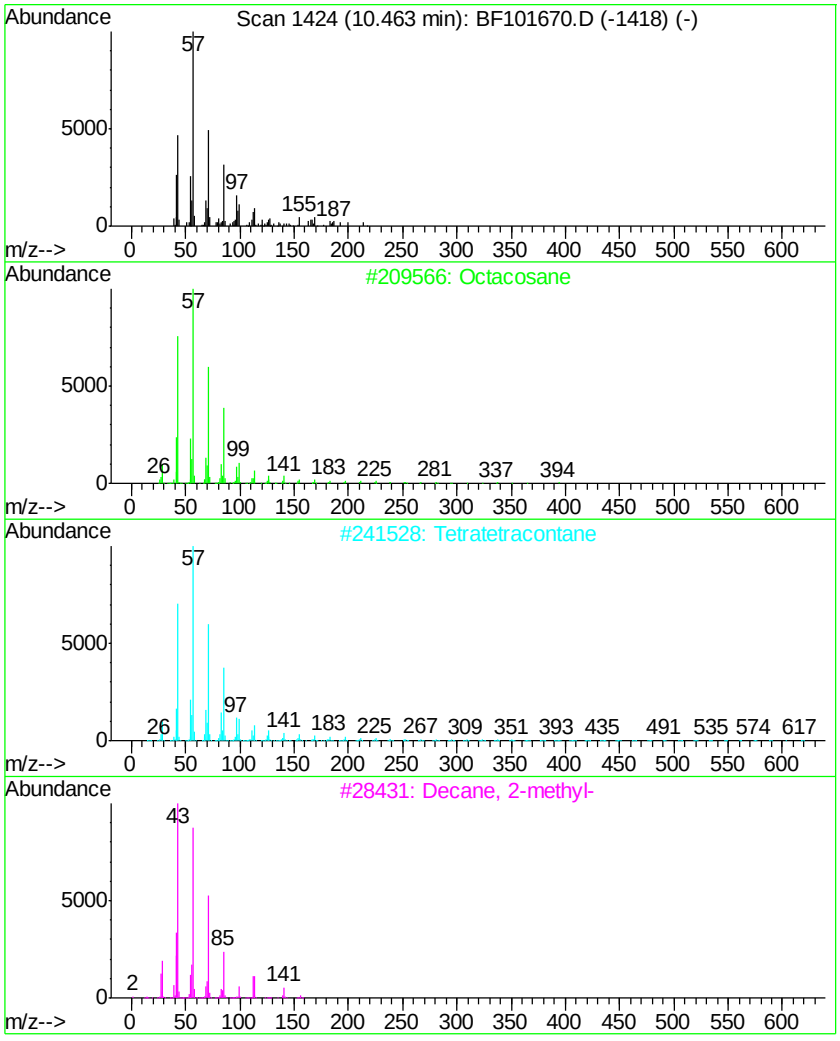
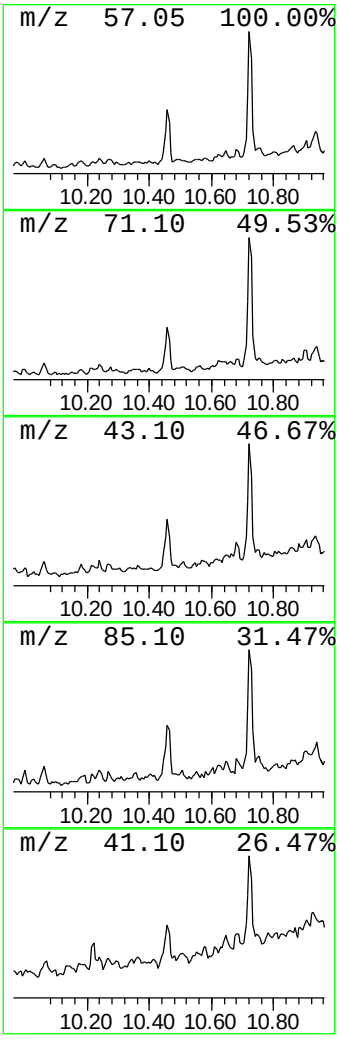
Peak Number 3 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	2.05 ng	116885	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	86
2	Tetratetracontane	619	C44H90	007098-22-8	86
3	Decane, 2-methyl-	156	C11H24	006975-98-0	83
4	Eicosane	282	C20H42	000112-95-8	80
5	Pentadecane	212	C15H32	000629-62-9	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101670.D
Acq On : 22 Dec 2017 22:50
Operator : SJ/JU
Sample : I6966-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-WW-3-4-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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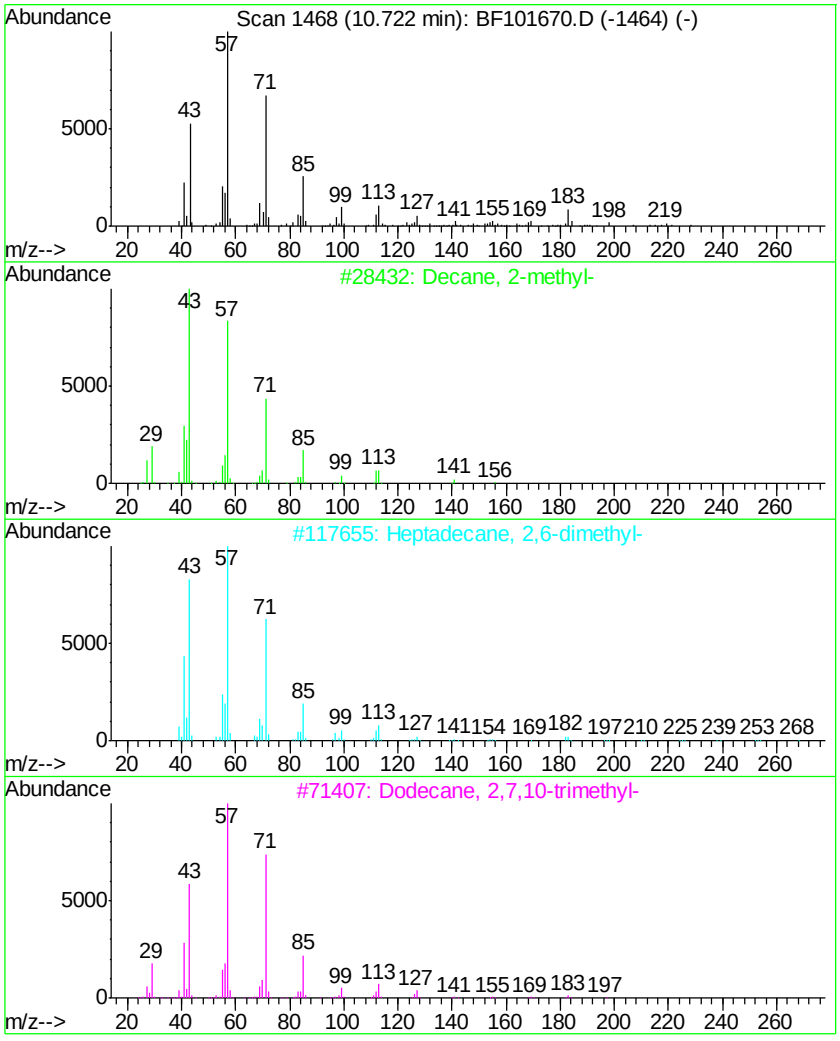
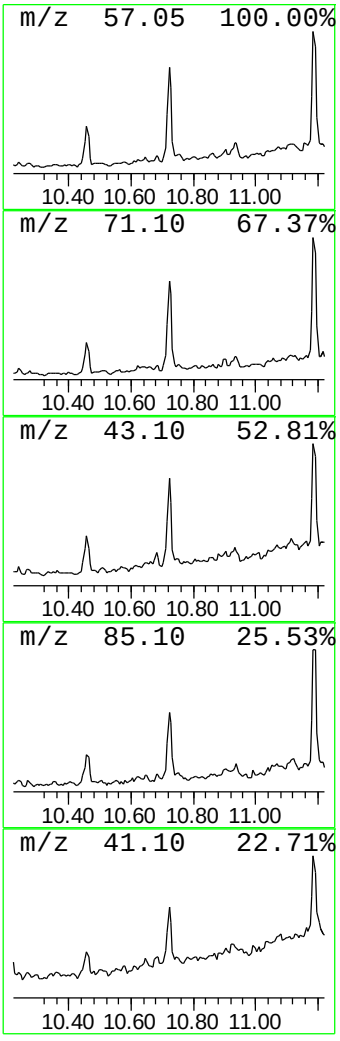
Peak Number 4 Decane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	4.53 ng	227260	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	87
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	86
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	74
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72





Library Search Compound Report

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Data File : BF101670.D
Acq On : 22 Dec 2017 22:50
Operator : SJ/JU
Sample : I6966-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-WW-3-4-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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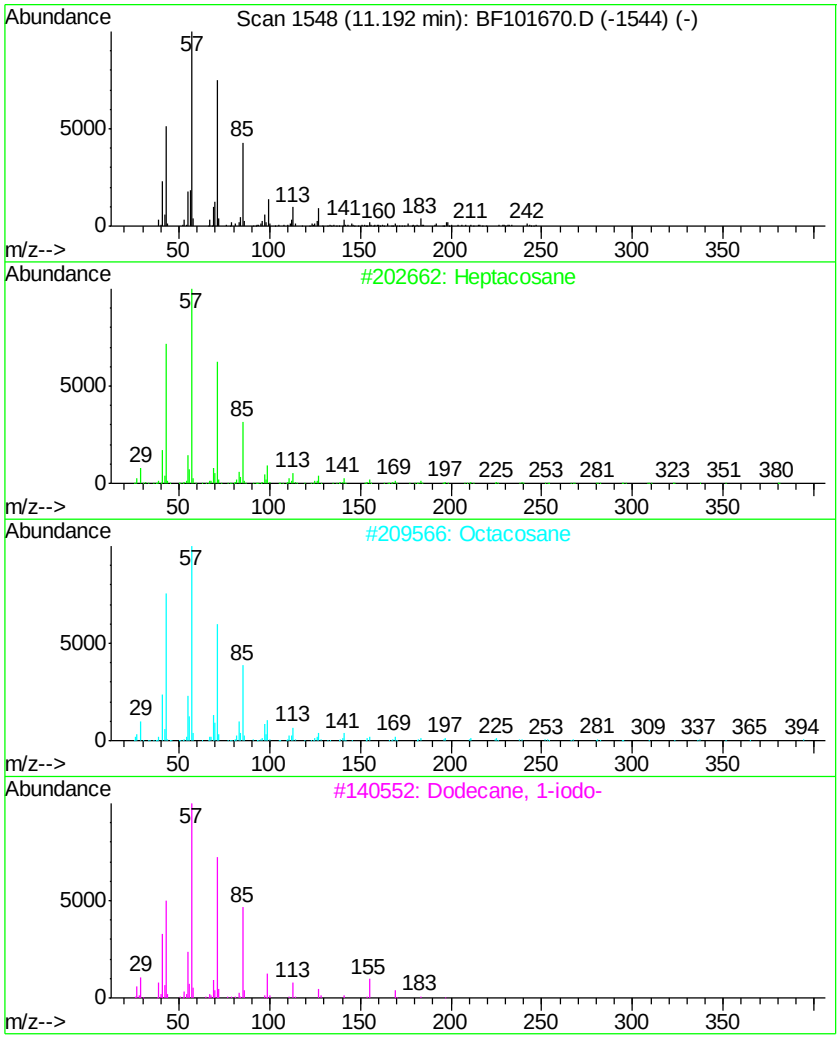
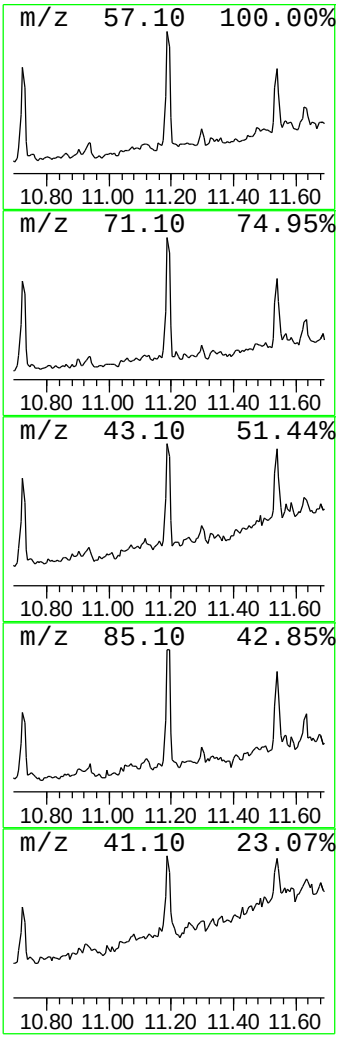
Peak Number 5 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	5.13 ng	257772	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Octacosane	394	C28H58	000630-02-4	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101670.D
Acq On : 22 Dec 2017 22:50
Operator : SJ/JU
Sample : I6966-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-WW-3-4-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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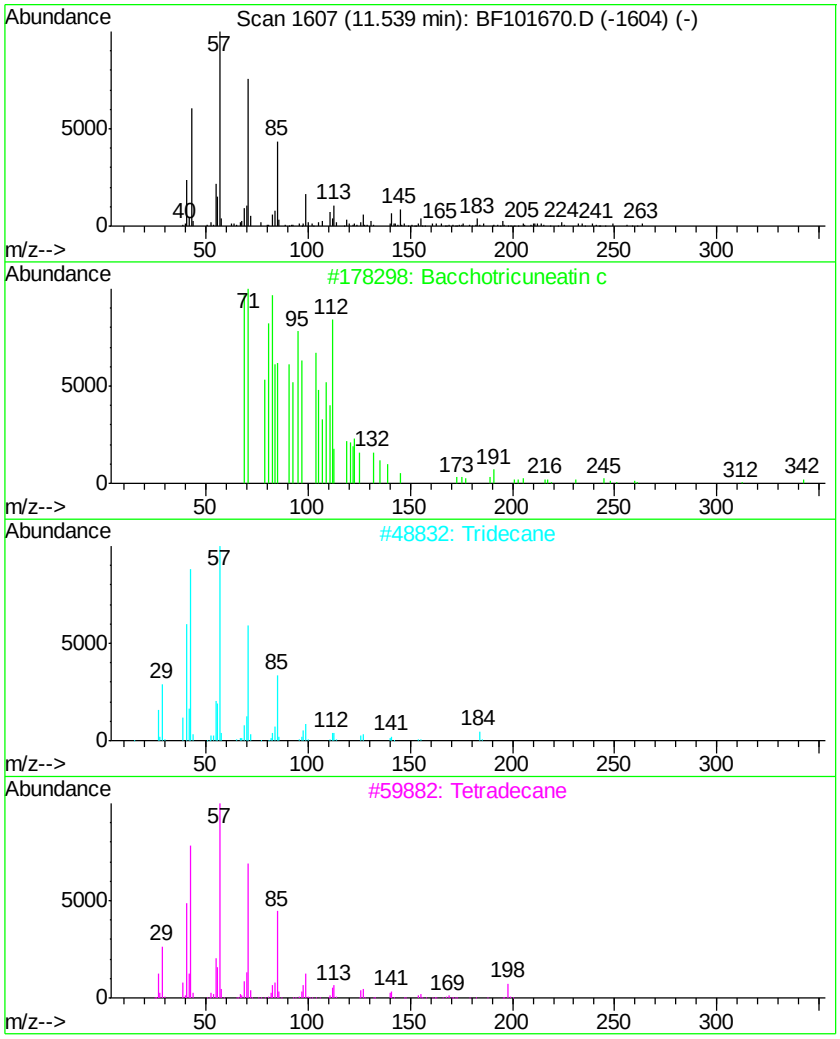
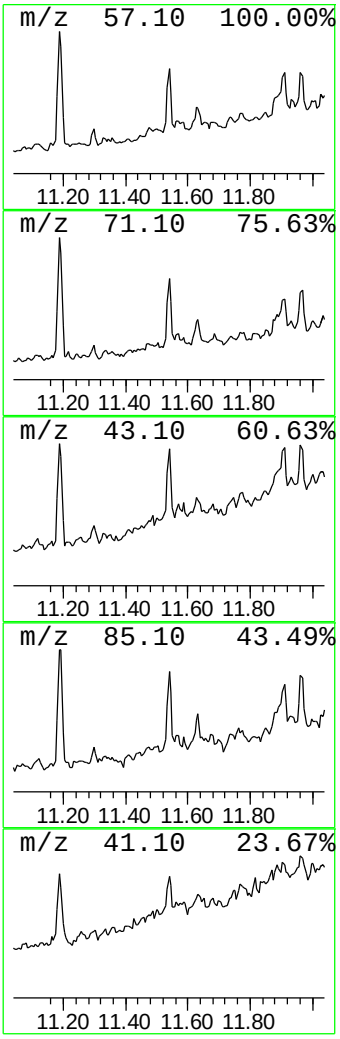
Peak Number 6 Bacchotricuneatin c Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	3.34 ng	167880	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2	Tridecane	184	C13H28	000629-50-5	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	87





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Operator : SJ/JU
Sample : I6966-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-WW-3-4-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

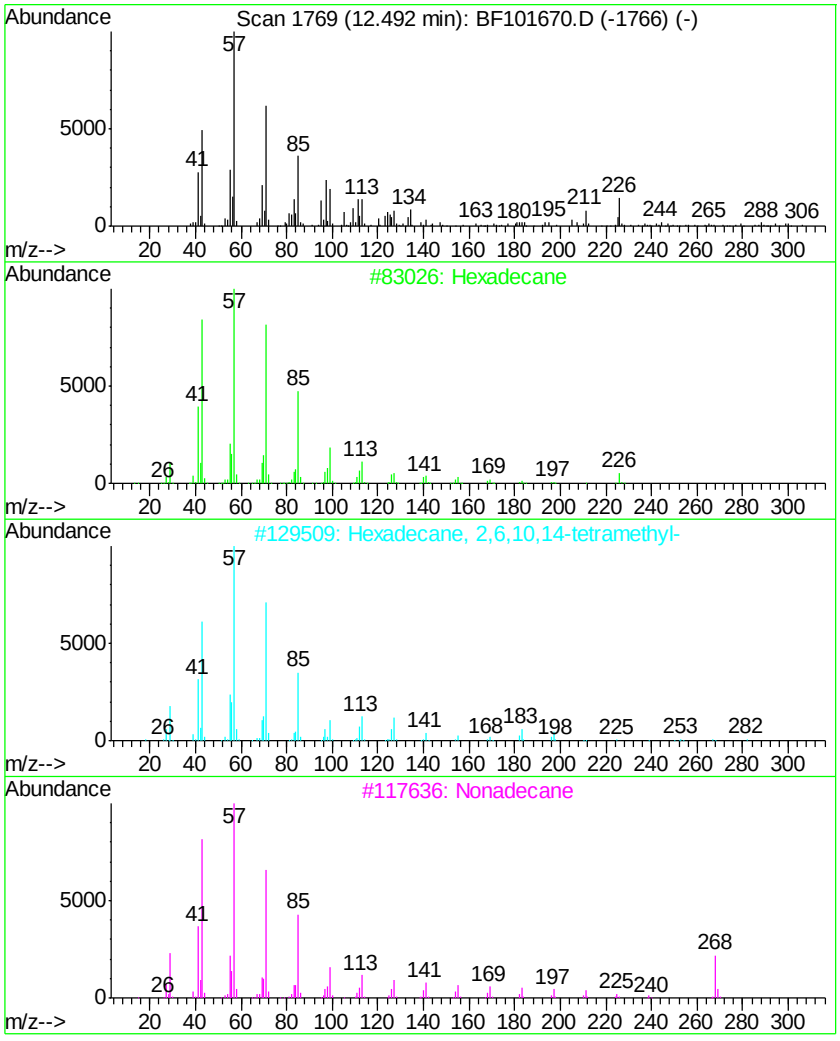
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

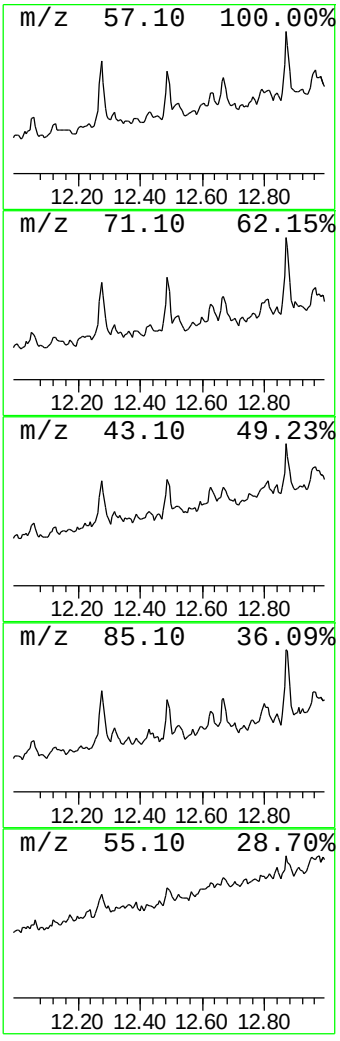
****

Peak Number 7 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	4.58 ng	229908	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3	Nonadecane	268	C19H40	000629-92-5	74
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	72
5	Hexacosane	366	C26H54	000630-01-3	72





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

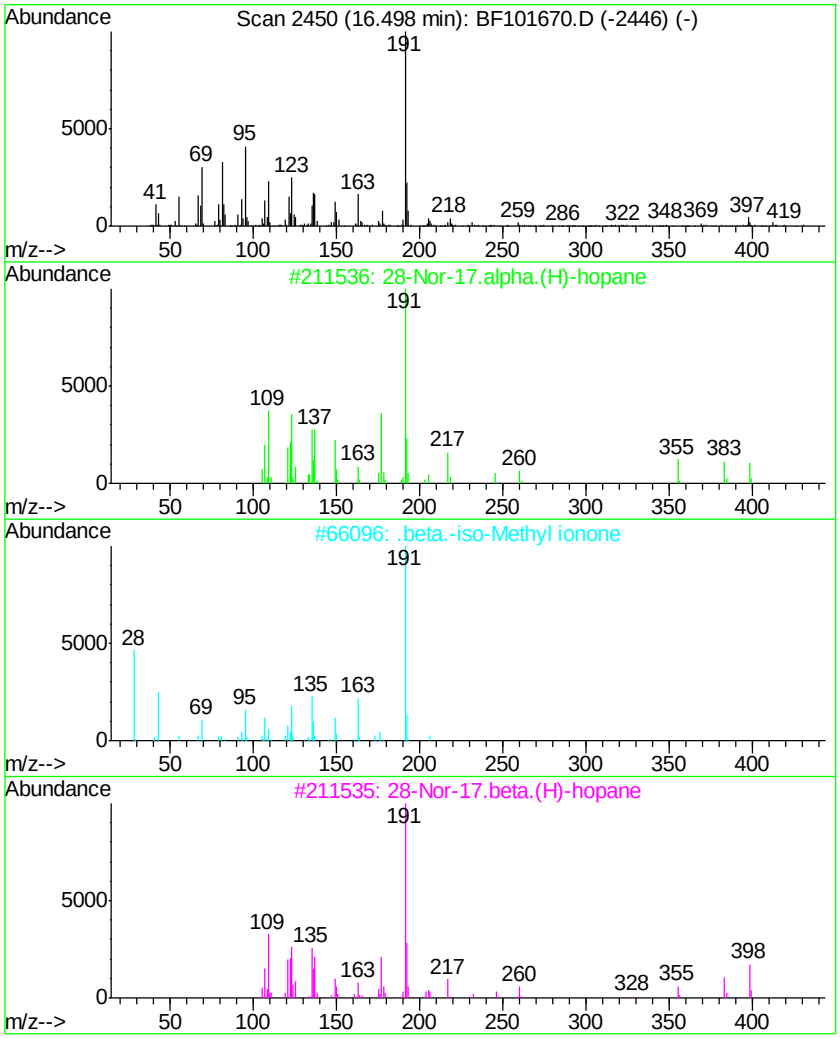
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

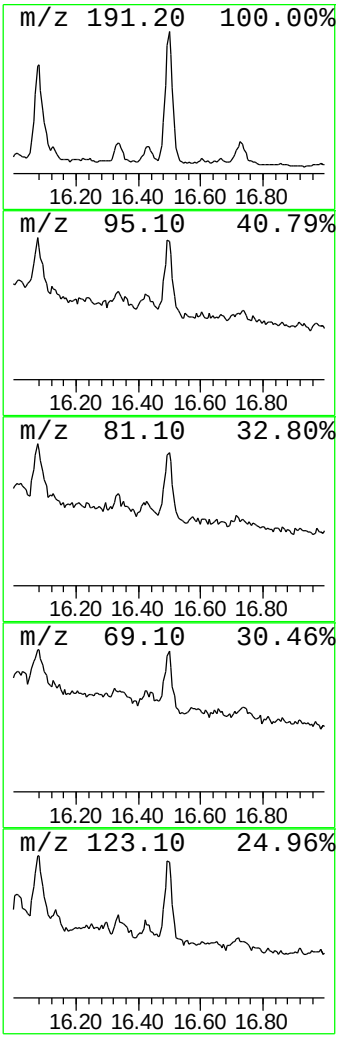
****

Peak Number 8 28-Nor-17.alpha.(H)-hopane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	20.00 ng	888974	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	56
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	49
3	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	45
4	Baccharane	414	C30H54	036441-74-4	42
5	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	42





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.56	6.56	8.3	ng	385690	1	6.79	935009	20.0
Octacosane	10.46	2.0	ng	116885	3	9.82	1138030	20.0
Decane, 2-methyl-	10.72	4.5	ng	227260	4	11.32	1004370	20.0
Heptacosane	11.19	5.1	ng	257772	4	11.32	1004370	20.0
Bacchotricuneatin c	11.54	3.3	ng	167880	4	11.32	1004370	20.0
Hexadecane	12.49	4.6	ng	229908	4	11.32	1004370	20.0
28-Nor-17.alpha.(...	16.50	20.0	ng	888974	6	15.44	888974	20.0