LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108856.D
Acq On : 7 Sep 2018 13:18
Operator : JU/SJ
Sample : J4803-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-I6

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-BF090518.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	4.931	437	441	452	rVB	148344	185360	3.75%	0.404%
2	5.348	506	512	515	rBV	3709145	3828099	77.37%	8.353%
3	6.366	680	685	688	rBV	3932021	4211862	85.12%	9.191%
4	6.501	704	708	712	rBV	4181647	4117332	83.21%	8.984%
5	6.566	717	719	728	rVB	133506	119421	2.41%	0.261%
6	6.737	744	748	751	rBV	1825997	1471305	29.74%	3.211%
7	6.890	770	774	778	rBV	3510887	3229578	65.27%	7.047%
8	7.295	837	843	846	rBV	2707330	2696295	54.49%	5.884%
9	8.019	961	966	969	rBV	2083014	1950712	39.42%	4.257%
10	9.095	1144	1149	1152	rBV	5254508	4948024	100.00%	10.797%
11	9.219	1167	1170	1173	rBV	66963	58250	1.18%	0.127%
12	9.483	1211	1215	1218	rBV	1805736	1393753	28.17%	3.041%
13	9.766	1259	1263	1267	rVB2	2650523	2228575	45.04%	4.863%
14	10.548	1392	1396	1399	rBV	3132909	2633956	53.23%	5.748%
15	10.648	1410	1413	1416	rVB	71012	55166	1.11%	0.120%
16	11.242	1510	1514	1517	rBV	2616216	2186890	44.20%	4.772%
17	11.783	1601	1606	1610	rBV	194435	227151	4.59%	0.496%
18	12.448	1716	1719	1723	rBV	63048	57984	1.17%	0.127%
19	12.672	1752	1757	1760	rBV	58436	63620	1.29%	0.139%
20	12.824	1779	1783	1786	rBV	4602647	4133228	83.53%	9.019%
21	13.730	1934	1937	1949	rBV	666474	796791	16.10%	1.739%
22	13.866	1956	1960	1964	rBV	1831013	1580704	31.95%	3.449%
23	14.054	1990	1992	2002	rVB2	59643	100090	2.02%	0.218%
24	14.360	2041	2044	2049	rBV3	98784	149244	3.02%	0.326%
25	14.624	2087	2089	2092	rBV	127679	134962	2.73%	0.295%
26	14.654	2092	2094	2103	rVB2	124998	142426	2.88%	0.311%
27	14.724	2103	2106	2110	rVB	285785	267653	5.41%	0.584%
28	14.977	2145	2149	2152	rBV	156792	173289	3.50%	0.378%
29	15.271	2194	2199	2204	rBV	1300194	1546184	31.25%	3.374%
30	15.336	2206	2210	2216	rVB	224834	300214	6.07%	0.655%
31	15.742	2275	2279	2283	rVB	229184	314064	6.35%	0.685%
32	15.789	2284	2287	2294	rVB5	65297	122743	2.48%	0.268%
33	16.212	2355	2359	2374	rVB3	166176	402438	8.13%	0.878%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108856.D
Acq On : 7 Sep 2018 13:18
Operator : JU/SJ
Sample : J4803-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-I6

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-BF090518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

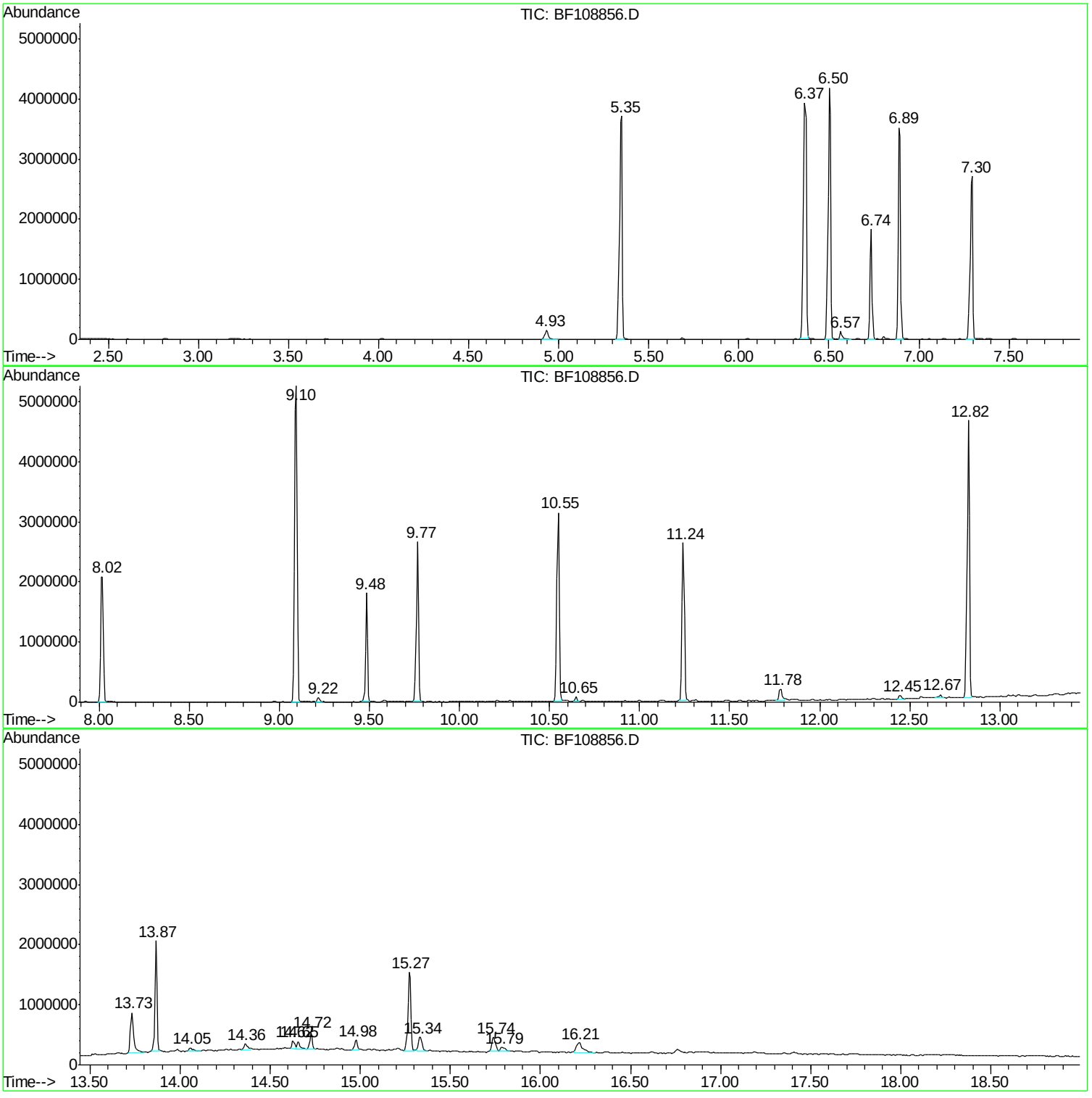
Sum of corrected areas: 45827363

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108856.D
Acq On : 7 Sep 2018 13:18
Operator : JU/SJ
Sample : J4803-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-I6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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\BF090718\
Data File : BF108856.D
Acq On : 7 Sep 2018 13:18
Operator : JU/SJ
Sample : J4803-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-I6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

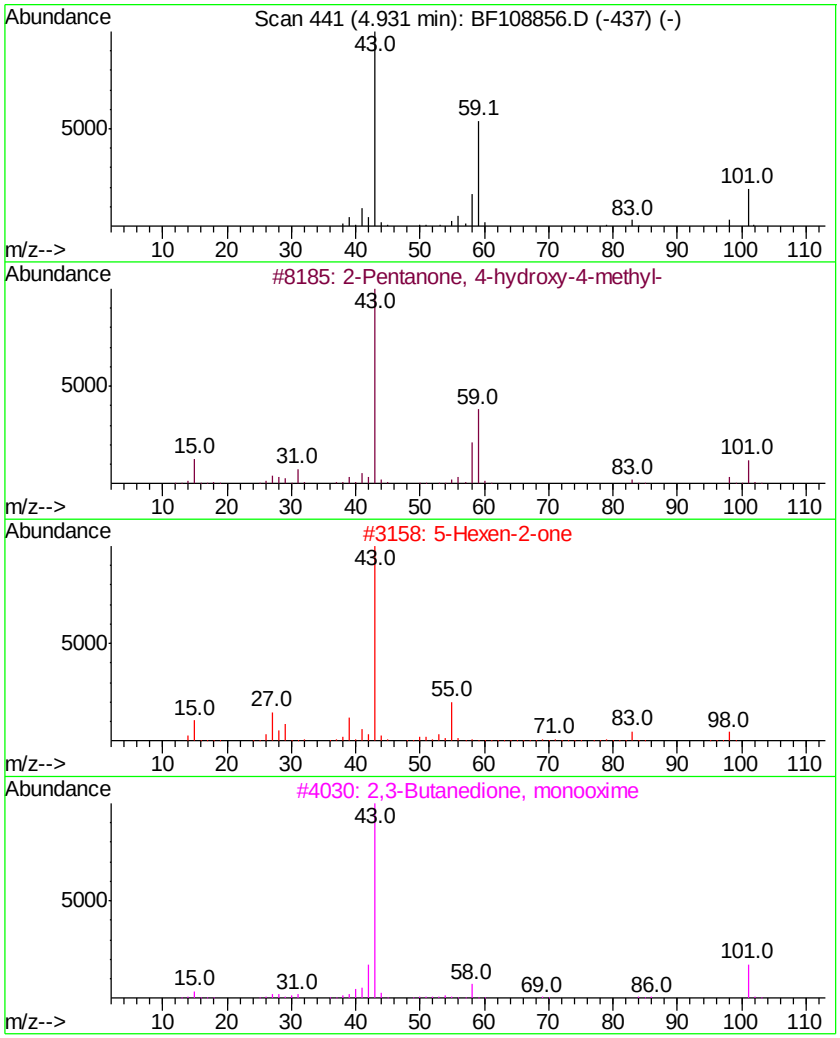
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

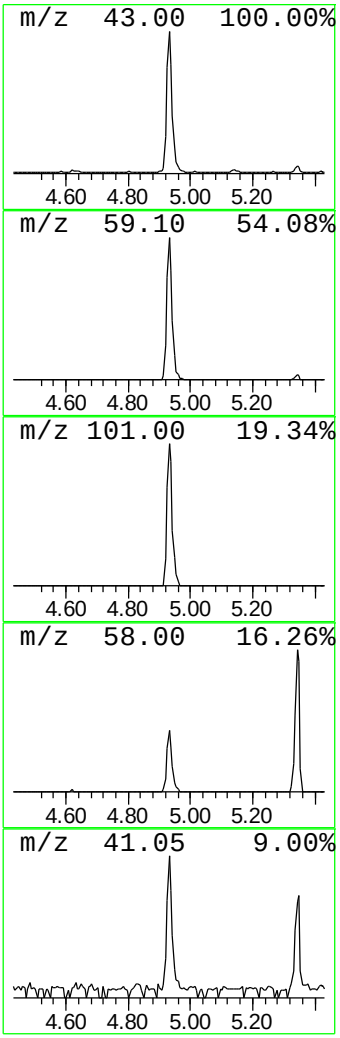
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	2.52 ng	185360	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108856.D
Acq On : 7 Sep 2018 13:18
Operator : JU/SJ
Sample : J4803-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-I6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

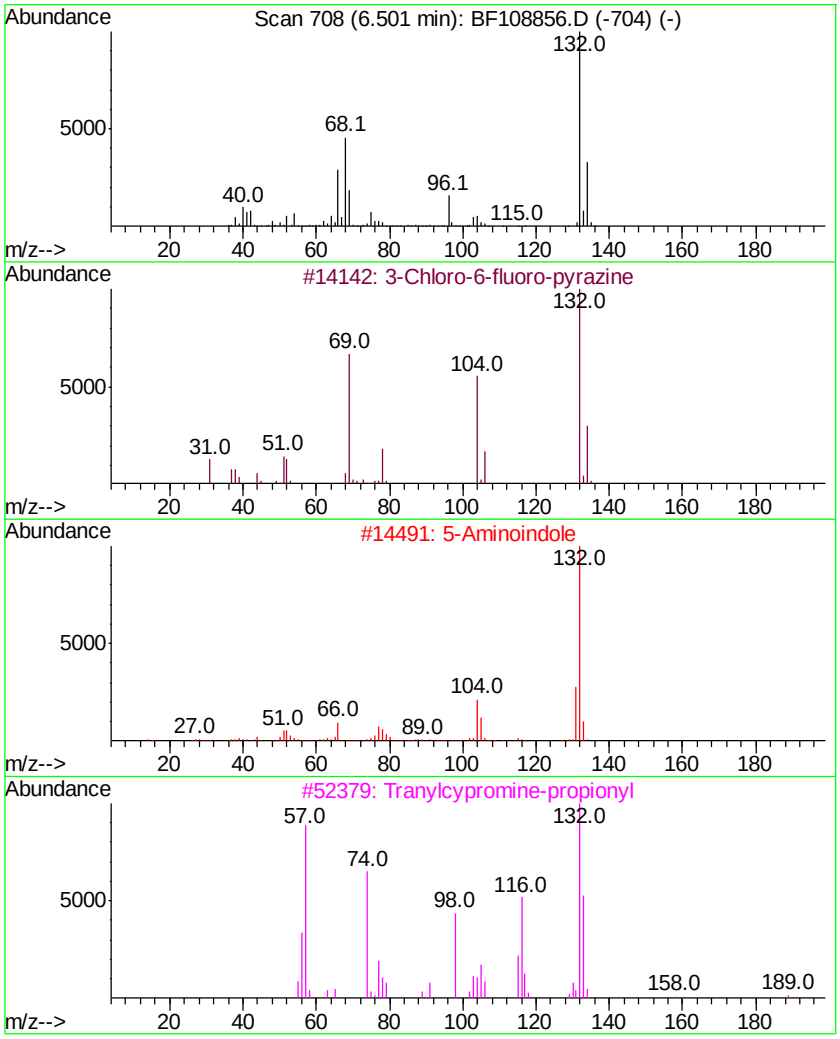
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

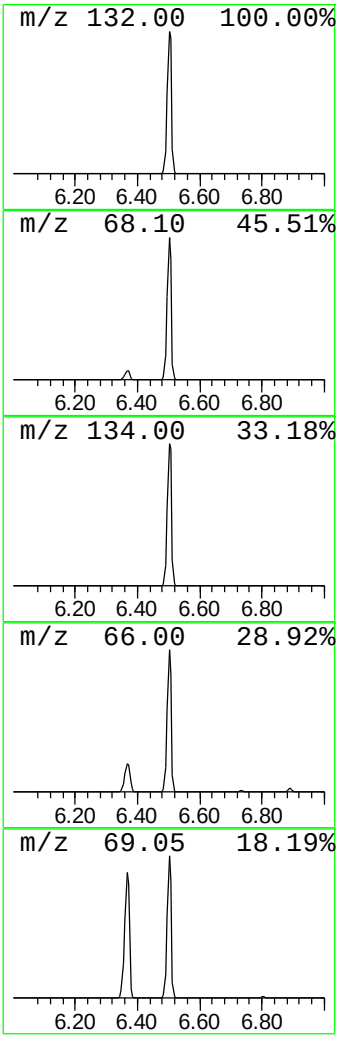
****

Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	55.97 ng	4117330	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108856.D
Acq On : 7 Sep 2018 13:18
Operator : JU/SJ
Sample : J4803-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-I6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

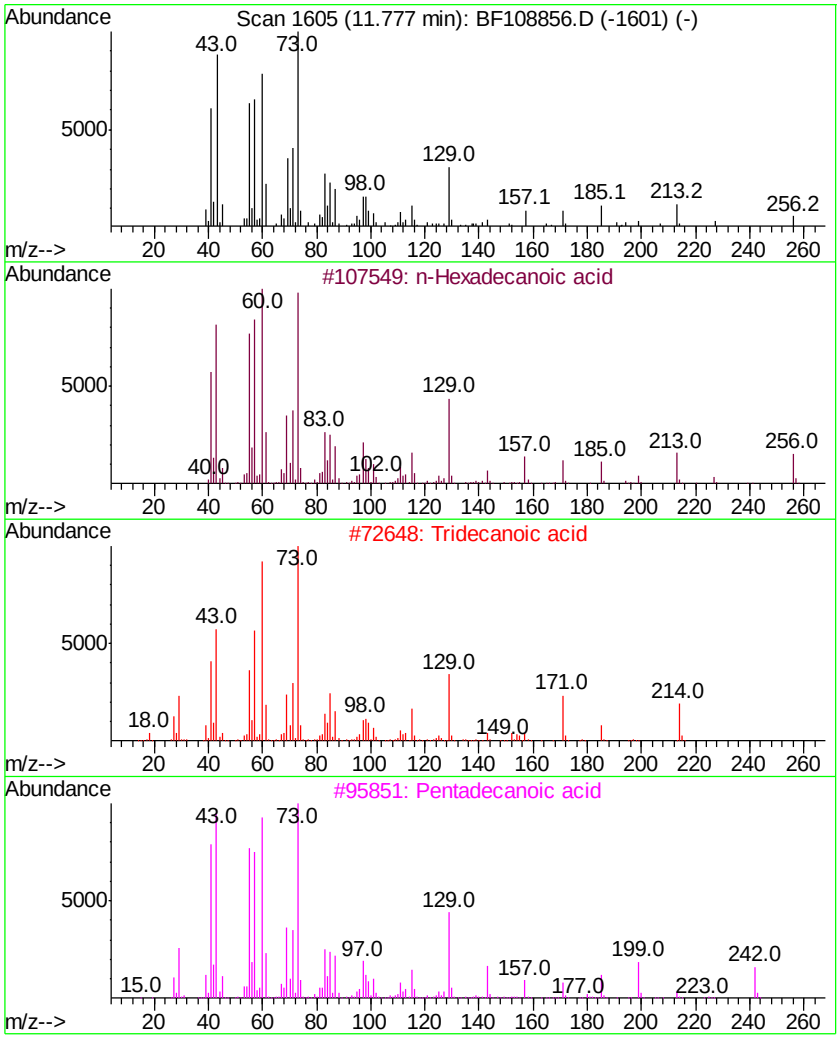
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

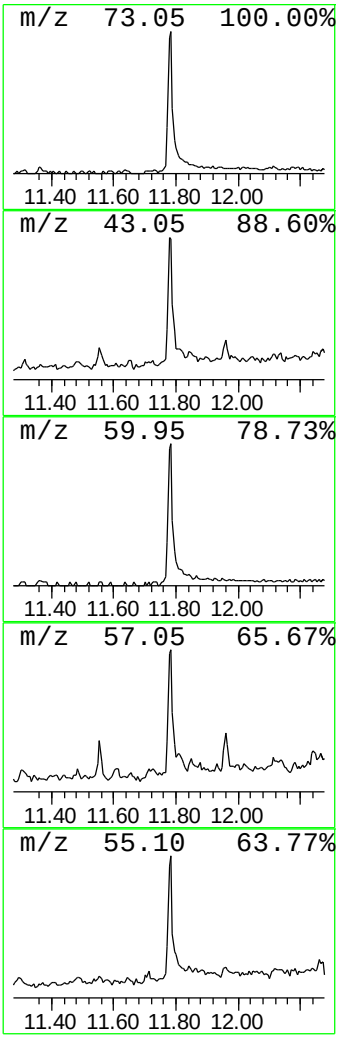
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	2.08 ng	227151	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108856.D
Acq On : 7 Sep 2018 13:18
Operator : JU/SJ
Sample : J4803-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-I6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

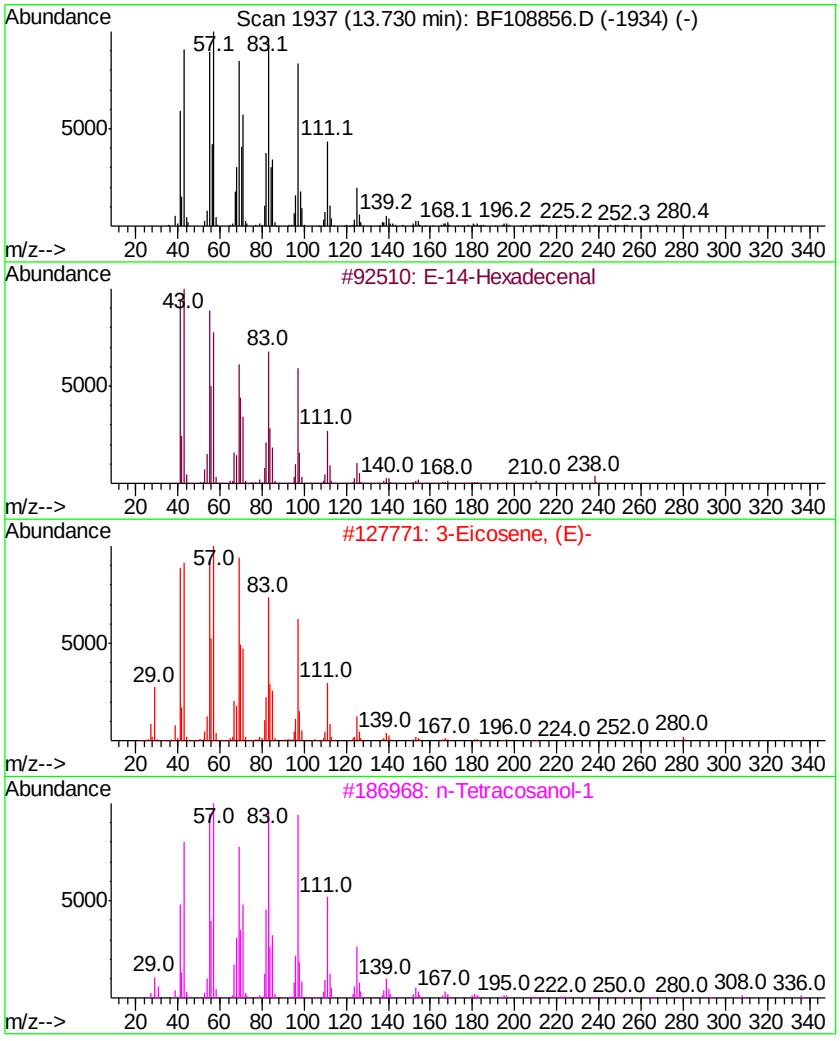
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

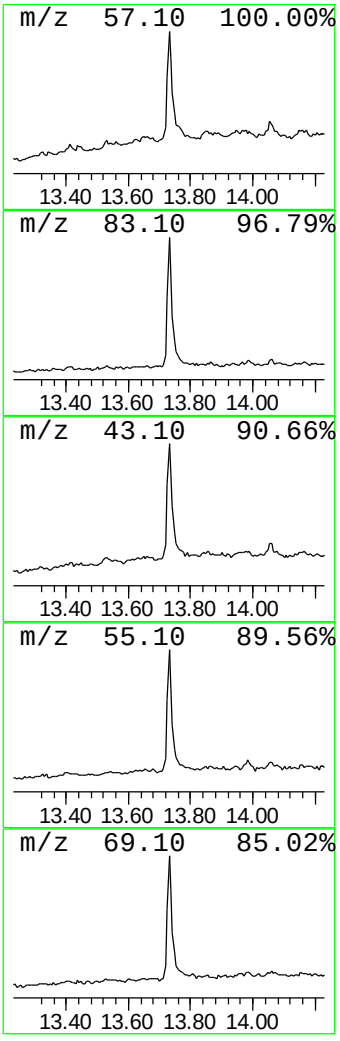
****

Peak Number 5 E-14-Hexadecenal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	10.08 ng	796791	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-14-Hexadecenal	238	C16H30O	330207-53-9	96
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
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Sample : J4803-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-I6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

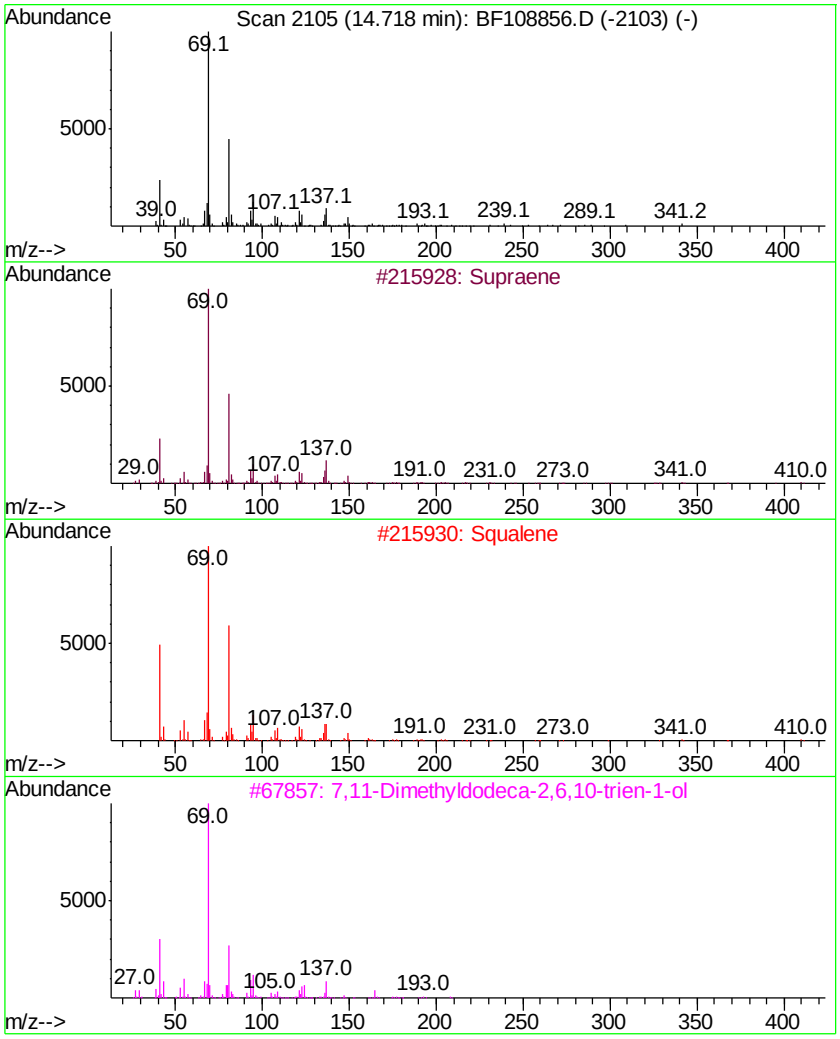
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

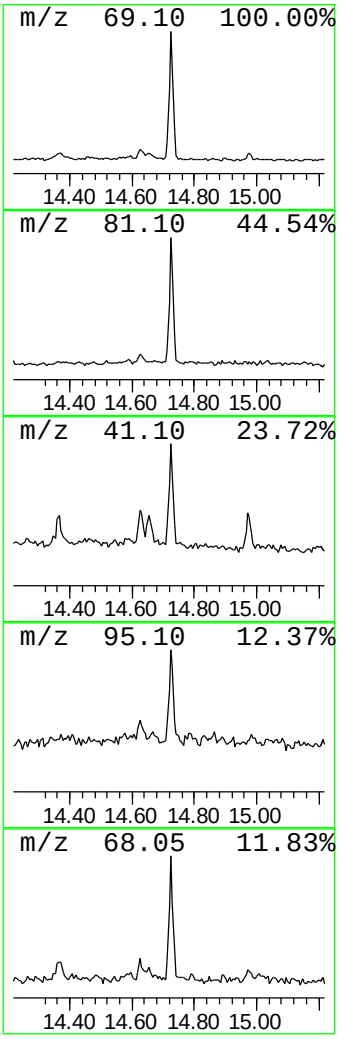
****

Peak Number 6 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.46 ng	267653	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	72
5	1,5-Heptadiene, 3,3-dimethyl-, (E)-	124	C9H16	067682-47-7	50





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Data File : BF108856.D
Acq On : 7 Sep 2018 13:18
Operator : JU/SJ
Sample : J4803-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-I6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

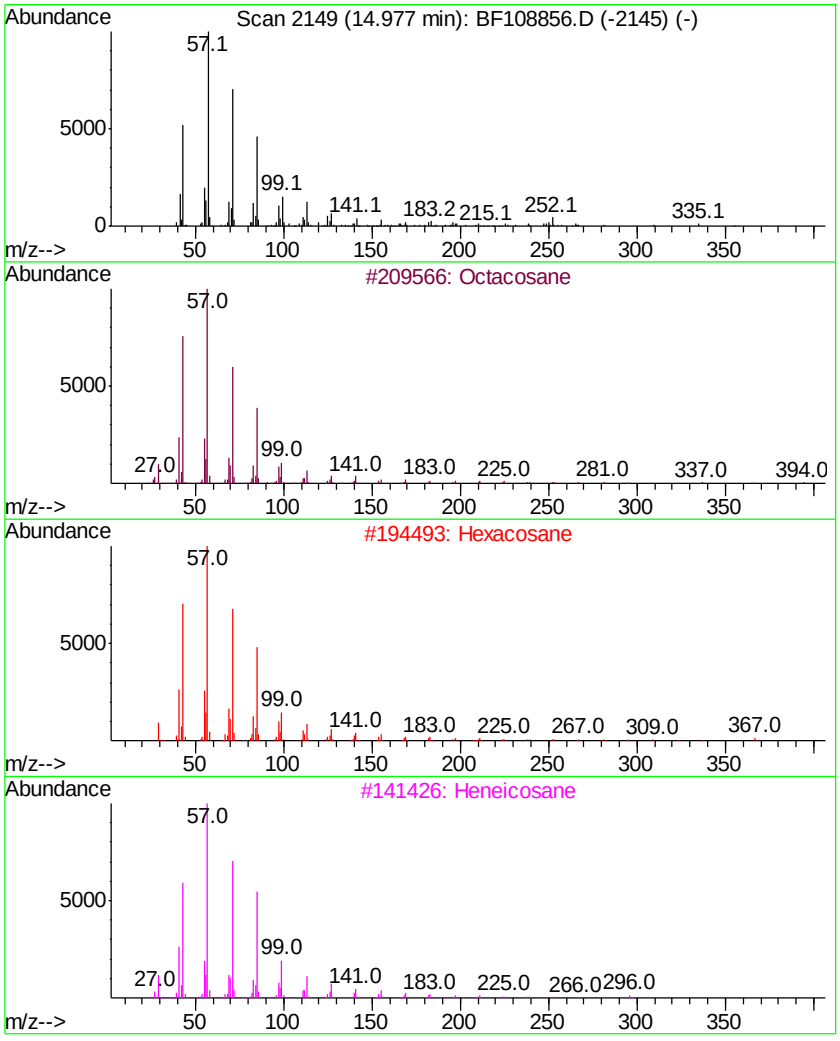
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

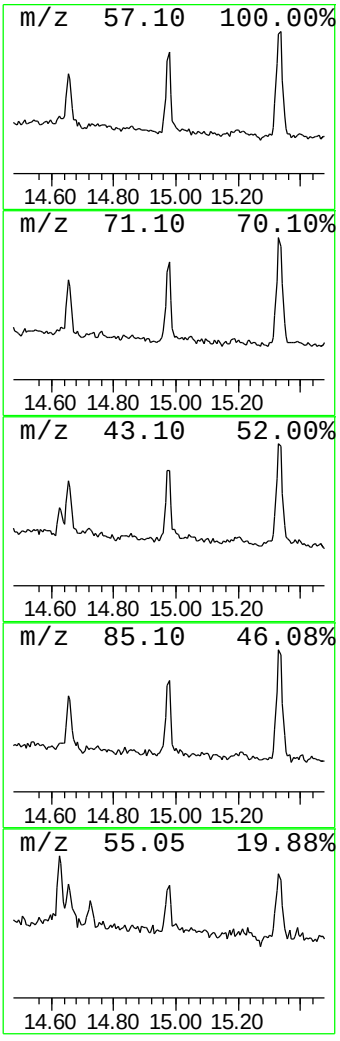
****

Peak Number 7 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	2.24 ng	173289	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Triacontane	422	C30H62	000638-68-6	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108856.D
Acq On : 7 Sep 2018 13:18
Operator : JU/SJ
Sample : J4803-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-I6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

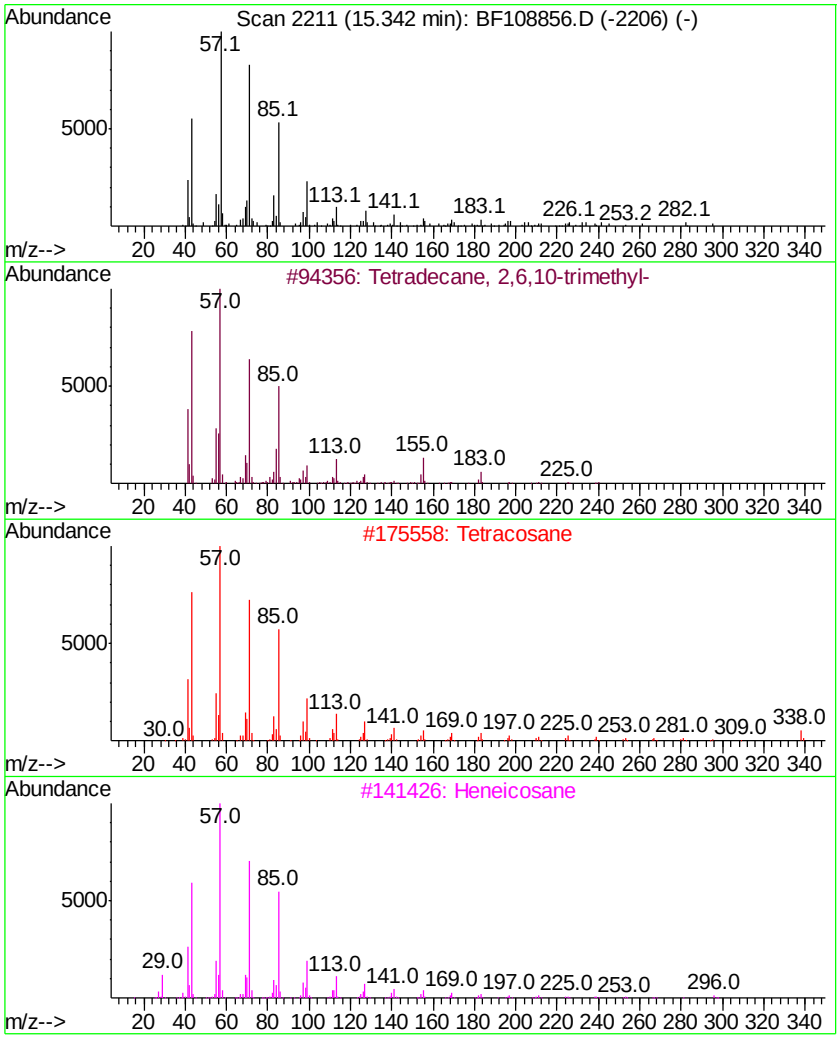
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

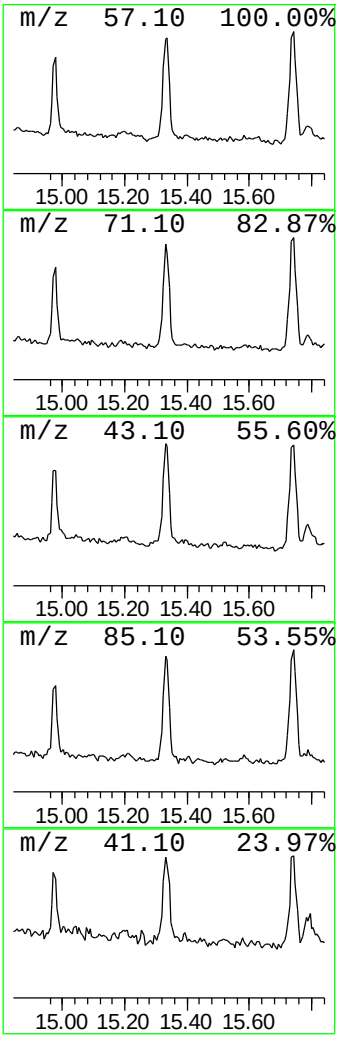
****

Peak Number 8 Tetradecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	3.88 ng	300214	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
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Sample : J4803-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-I6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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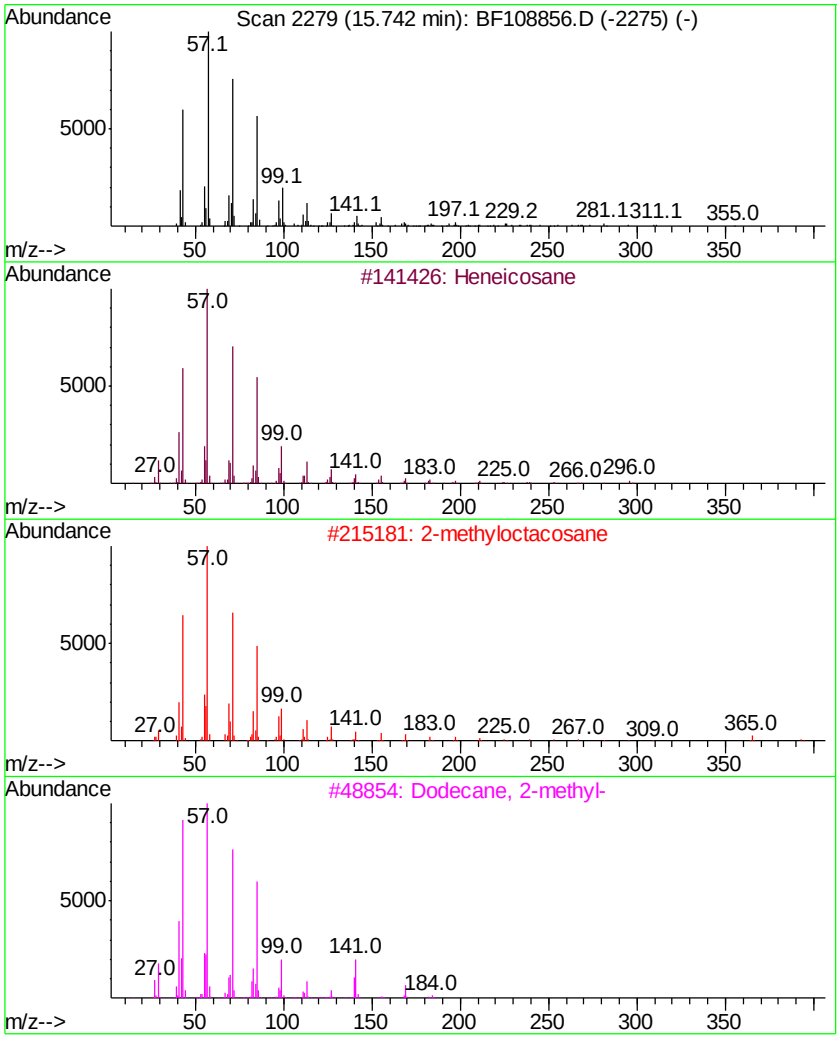
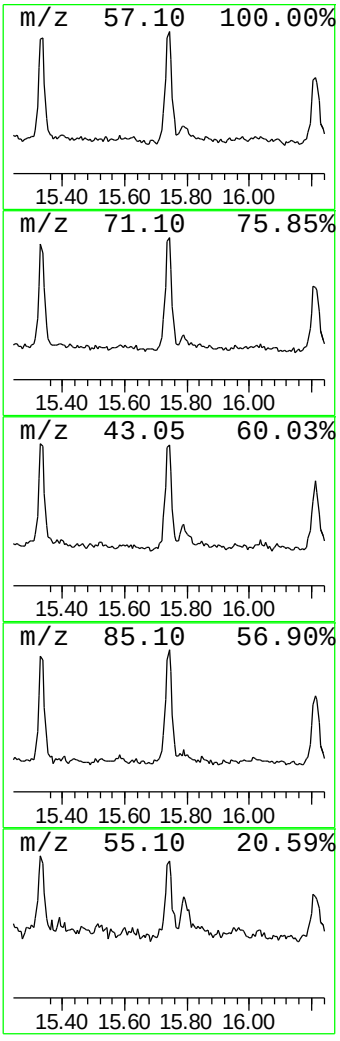
Peak Number 9 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	4.06 ng	314064	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108856.D
Acq On : 7 Sep 2018 13:18
Operator : JU/SJ
Sample : J4803-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-I6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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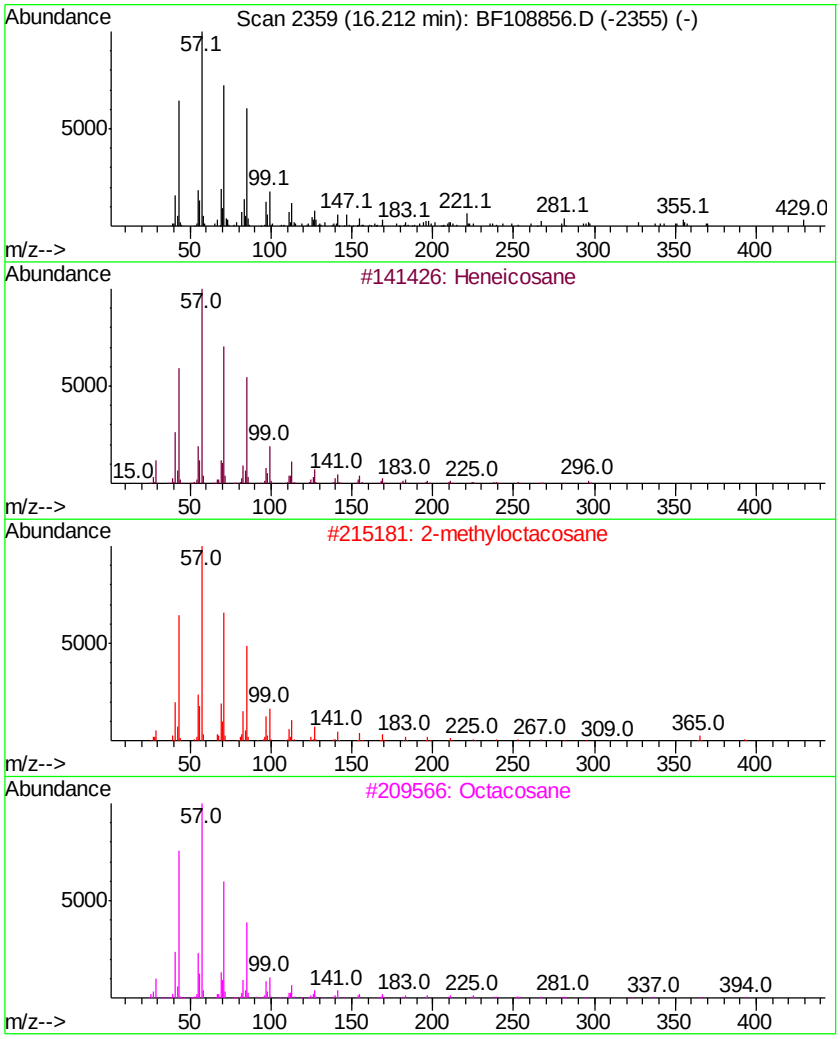
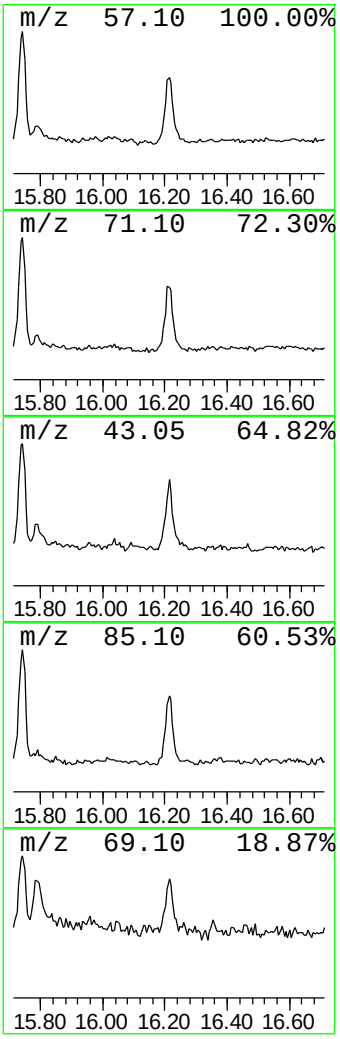
Peak Number 10 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	5.21 ng	402438	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5	Hexacosane	366	C26H54	000630-01-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090718\
Data File : BF108856.D
Acq On : 7 Sep 2018 13:18
Operator : JU/SJ
Sample : J4803-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-I6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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
2-Pentanone, 4-hy...	4.93	2.5	ng	185360	1	6.74	1471310	20.0
unknown6.50	6.50	56.0	ng	4117330	1	6.74	1471310	20.0
n-Hexadecanoic acid	11.78	2.1	ng	227151	4	11.24	2186890	20.0
E-14-Hexadecenal	13.73	10.1	ng	796791	5	13.87	1580700	20.0
Supraene	14.72	3.5	ng	267653	6	15.27	1546180	20.0
Octacosane	14.98	2.2	ng	173289	6	15.27	1546180	20.0
Tetradecane, 2,6,...	15.34	3.9	ng	300214	6	15.27	1546180	20.0
2-methyloctacosane	15.74	4.1	ng	314064	6	15.27	1546180	20.0
Heneicosane	16.21	5.2	ng	402438	6	15.27	1546180	20.0