LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109838.D
Acq On : 12 Oct 2018 17:18
Operator : JU/SJ
Sample : J5371-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100818-SIDI-E-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-BF100818.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	4.887	473	476	485	rBV	71131	89770	2.28%	0.420%
2	5.310	545	548	572	rBV	407053	668940	16.99%	3.127%
3	6.340	720	723	740	rBV	256691	523742	13.30%	2.448%
4	6.463	740	744	762	rVV	1503096	1622925	41.22%	7.586%
5	6.692	780	783	805	rBV	471571	626108	15.90%	2.926%
6	6.851	805	810	829	rBV	2216964	2406735	61.13%	11.249%
7	7.263	875	880	912	rBV	1562913	2159915	54.86%	10.096%
8	7.975	997	1001	1029	rBV	595571	844237	21.44%	3.946%
9	9.051	1179	1184	1221	rBV	3576297	3937015	100.00%	18.402%
10	9.445	1248	1251	1259	rBV	54817	72955	1.85%	0.341%
11	9.722	1294	1298	1312	rBV	909387	963083	24.46%	4.502%
12	10.510	1428	1432	1464	rBV	1108431	1525982	38.76%	7.133%
13	11.198	1546	1549	1574	rBV	733647	961602	24.42%	4.495%
14	12.780	1814	1818	1836	rBV	2907033	3424619	86.99%	16.007%
15	13.698	1969	1974	1988	rBV5	20067	65958	1.68%	0.308%
16	13.827	1992	1996	2011	rVV	547373	657941	16.71%	3.075%
17	14.592	2123	2126	2132	rBV	46018	42475	1.08%	0.199%
18	14.904	2175	2179	2184	rBV	54127	59309	1.51%	0.277%
19	15.227	2229	2234	2254	rBV	313721	599856	15.24%	2.804%
20	15.645	2300	2305	2312	rBV	54764	81796	2.08%	0.382%
21	16.104	2373	2383	2390	rBV	30876	59686	1.52%	0.279%

Sum of corrected areas: 21394649

LSC Report - Integrated Chromatogram

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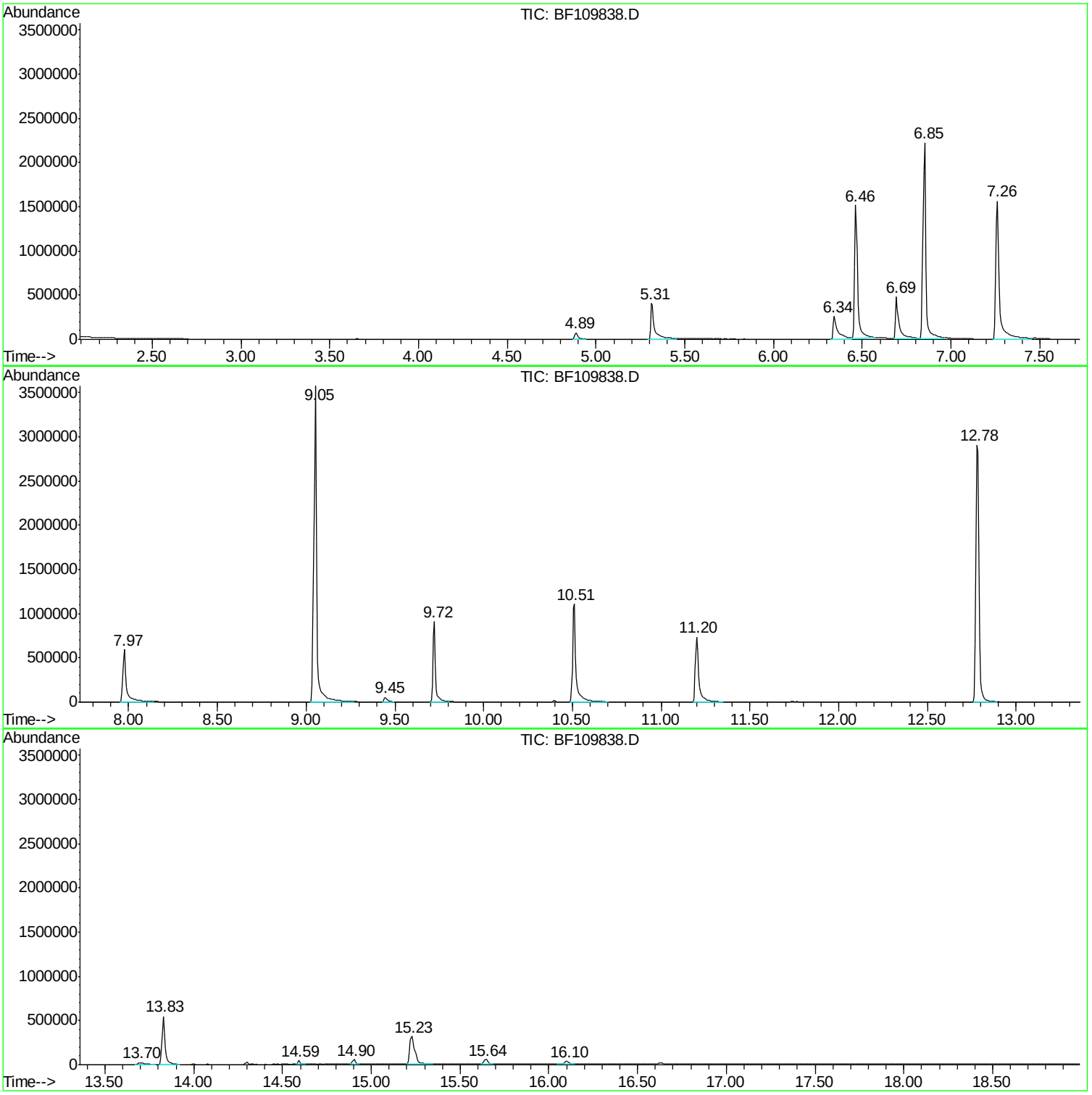
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
100818-SIDI-E-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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Operator : JU/SJ
Sample : J5371-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100818-SIDI-E-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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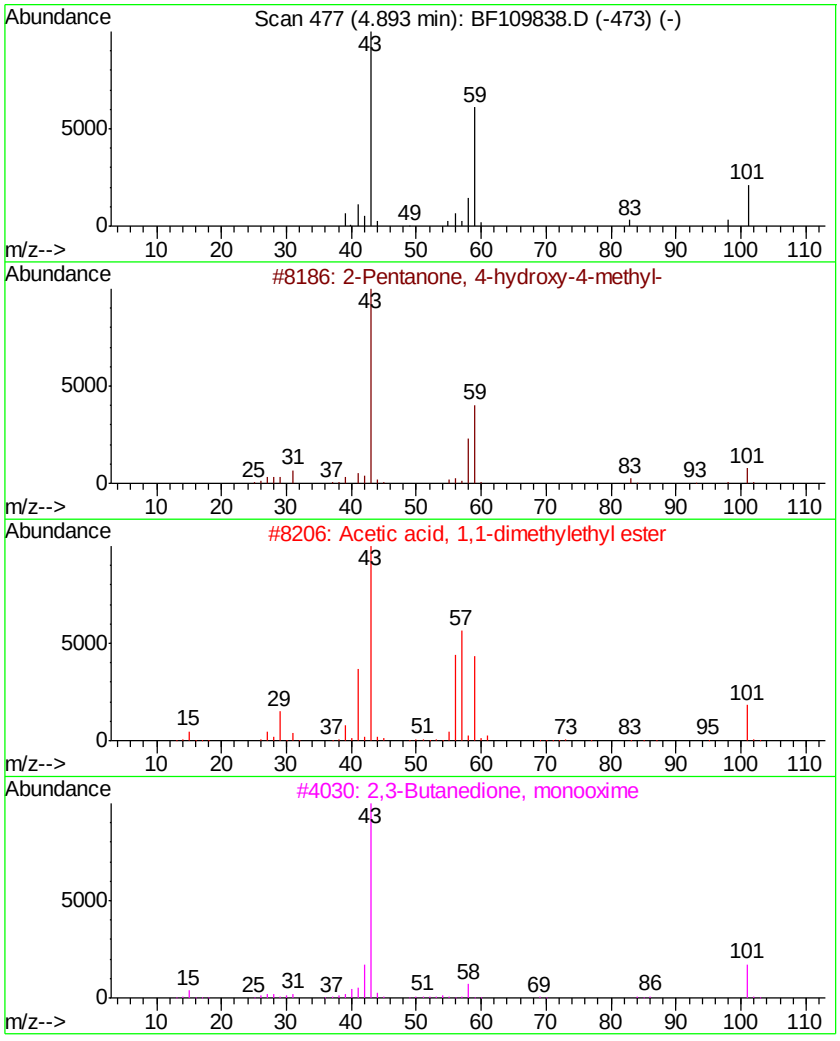
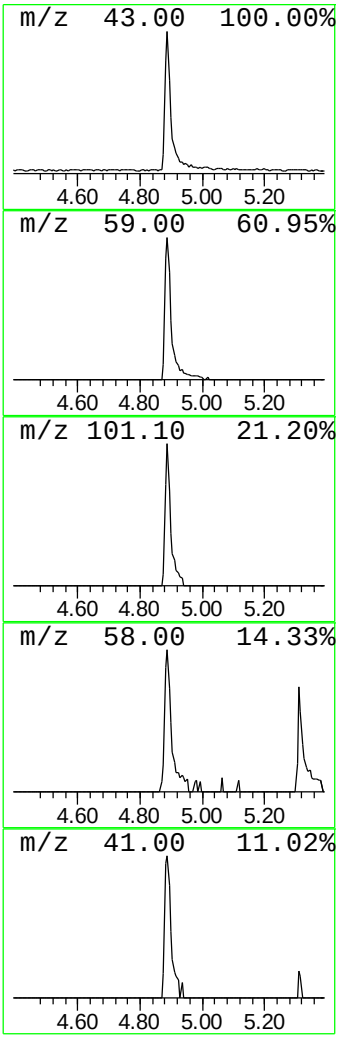
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	2.87 ng	89770	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	3-Hexanol	102	C6H14O	000623-37-0	28
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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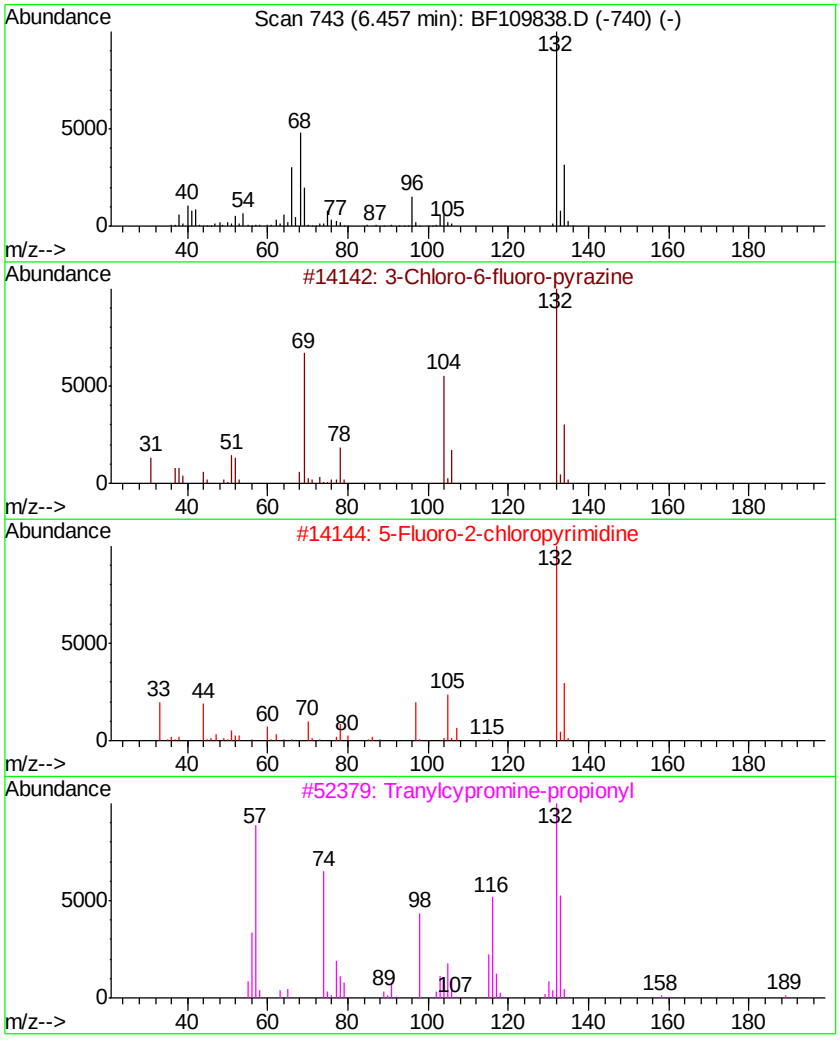
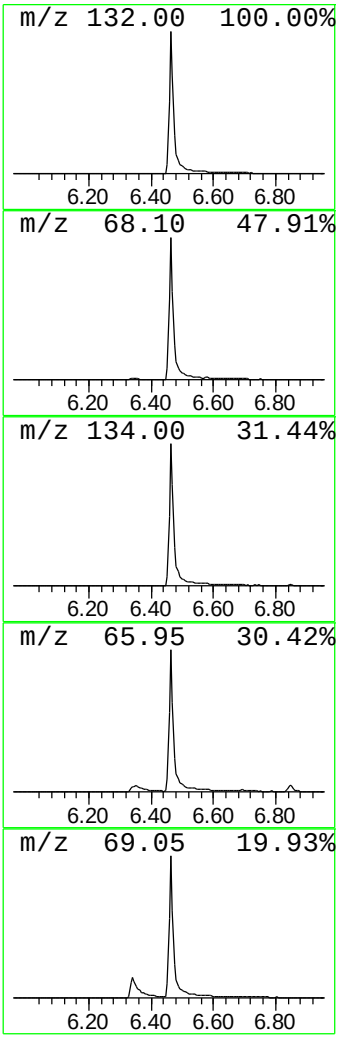
Peak Number 2 unknown6.46 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	51.84 ng	1622930	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





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Sample : J5371-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100818-SIDI-E-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
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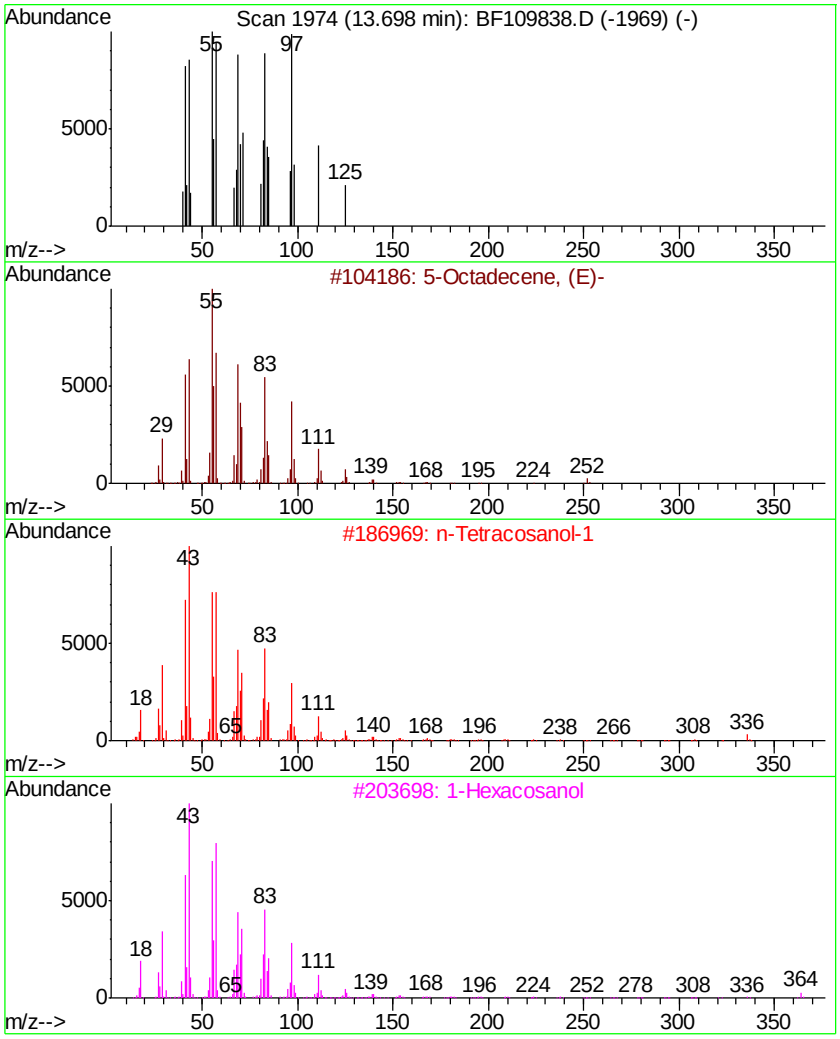
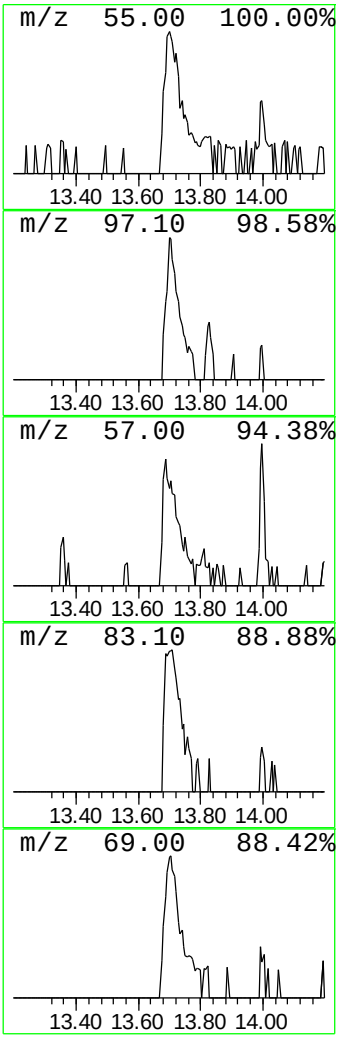
Peak Number 4 5-Octadecene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	2.00 ng	65958	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	78
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	72
3	1-Hexacosanol	382	C26H54O	000506-52-5	53
4	1-Tridecene	182	C13H26	002437-56-1	43
5	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	38





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100818-SIDI-E-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
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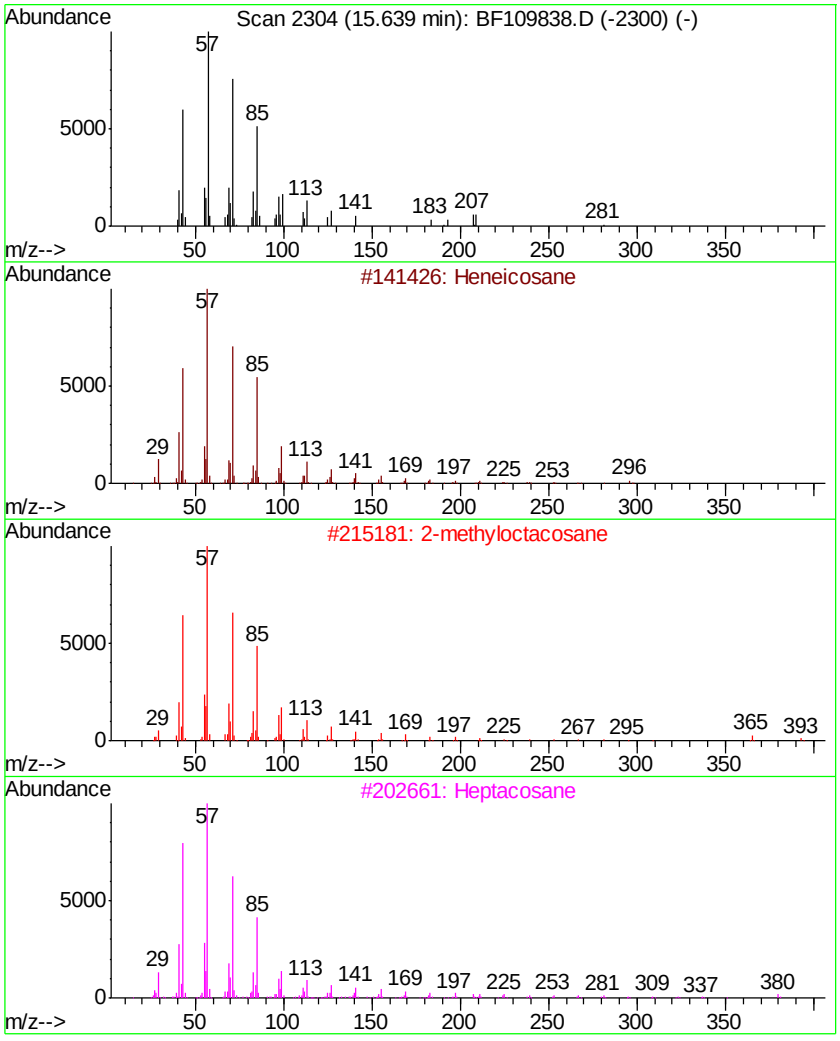
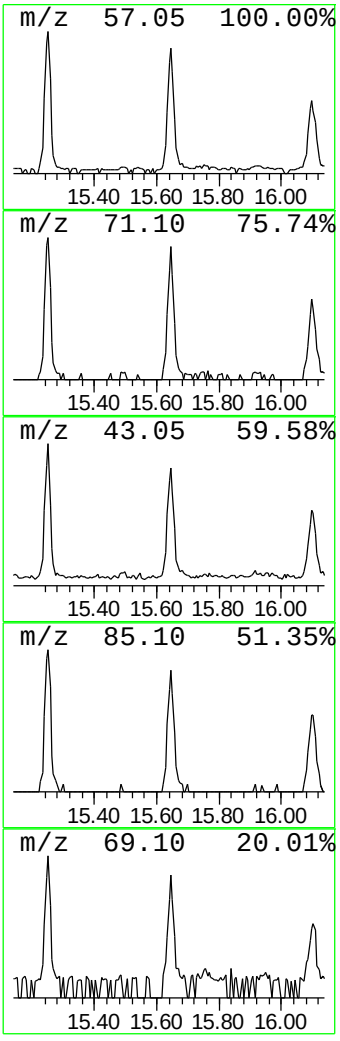
Peak Number 5 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.73 ng	81796	Perylene-d12	15.23

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	Heptacosane	380	C27H56	000593-49-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Octacosane	394	C28H58	000630-02-4	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
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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
2-Pentanone, 4-hy...	4.89	2.9	ng	89770	1	6.69	626108	20.0
unknown6.46	6.46	51.8	ng	1622930	1	6.69	626108	20.0
5-Octadecene, (E)-	13.70	2.0	ng	65958	5	13.83	657941	20.0
Heneicosane	15.64	2.7	ng	81796	6	15.23	599856	20.0