LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF040517\
Data File : BF094197.D
Acq On : 5 Apr 2017 18:53
Operator : SJ/MA
Sample : I2523-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-1(0-7)

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-BF032217.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	1.922	3	6	15	rVB	85286	104187	2.16%	0.266%
2	4.010	356	361	372	rBV	440951	618408	12.83%	1.579%
3	4.404	422	428	431	rBV	3852133	3975370	82.48%	10.149%
4	5.475	603	610	613	rBV	3444930	4142976	85.96%	10.576%
5	5.610	628	633	636	rBV	3948264	4210138	87.35%	10.748%
6	5.863	672	676	680	rBV	1160261	1005323	20.86%	2.566%
7	6.039	701	706	710	rBV	3035648	3283126	68.12%	8.381%
8	6.510	780	786	789	rBV	2278174	2726469	56.57%	6.960%
9	7.363	926	931	935	rBV	1423128	1380410	28.64%	3.524%
10	8.692	1150	1157	1160	rBV	4141843	4819655	100.00%	12.304%
11	9.180	1236	1240	1244	rBV	279848	270621	5.61%	0.691%
12	9.504	1286	1295	1299	rBV2	1505447	1580415	32.79%	4.035%
13	10.098	1390	1396	1399	rBV	117101	103148	2.14%	0.263%
14	10.368	1436	1442	1445	rBV2	34095	55104	1.14%	0.141%
15	10.480	1455	1461	1464	rBV	1994358	2293860	47.59%	5.856%
16	10.680	1491	1495	1498	rBV	116086	128843	2.67%	0.329%
17	11.233	1586	1589	1593	rBV	48902	51352	1.07%	0.131%
18	11.327	1599	1605	1609	rBV	1483845	1487798	30.87%	3.798%
19	13.309	1935	1942	1945	rBV	3722207	4393606	91.16%	11.216%
20	14.474	2134	2140	2152	rBV4	66229	172898	3.59%	0.441%
21	14.574	2152	2157	2161	rBV	1328960	1353036	28.07%	3.454%
22	15.686	2343	2346	2351	rBV	59466	61068	1.27%	0.156%
23	16.198	2428	2433	2439	rBV	814062	953800	19.79%	2.435%

Sum of corrected areas: 39171611

LSC Report - Integrated Chromatogram

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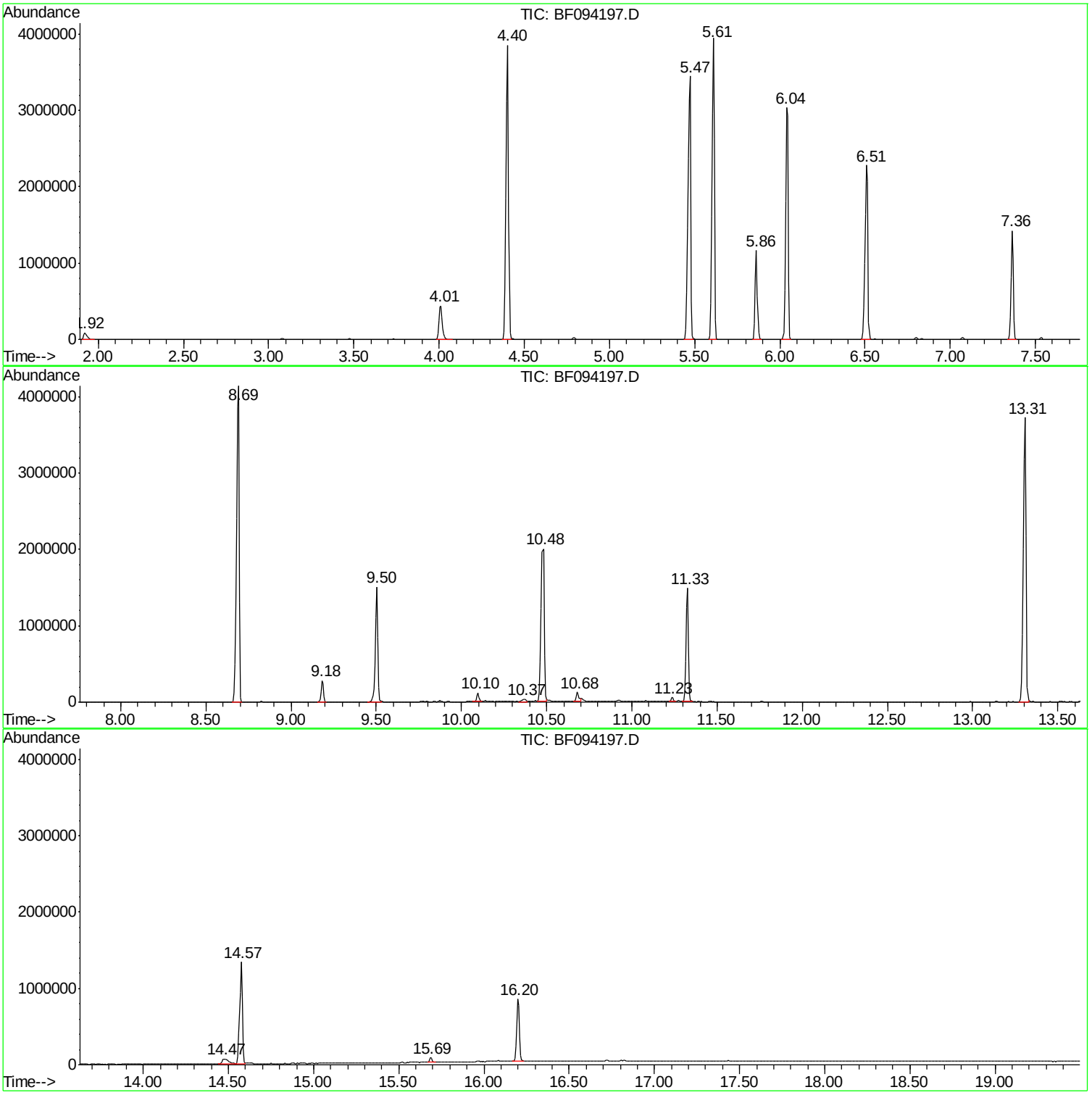
ClientSampleId : CEMETERY-1(0-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Acq On : 5 Apr 2017 18:53
Operator : SJ/MA
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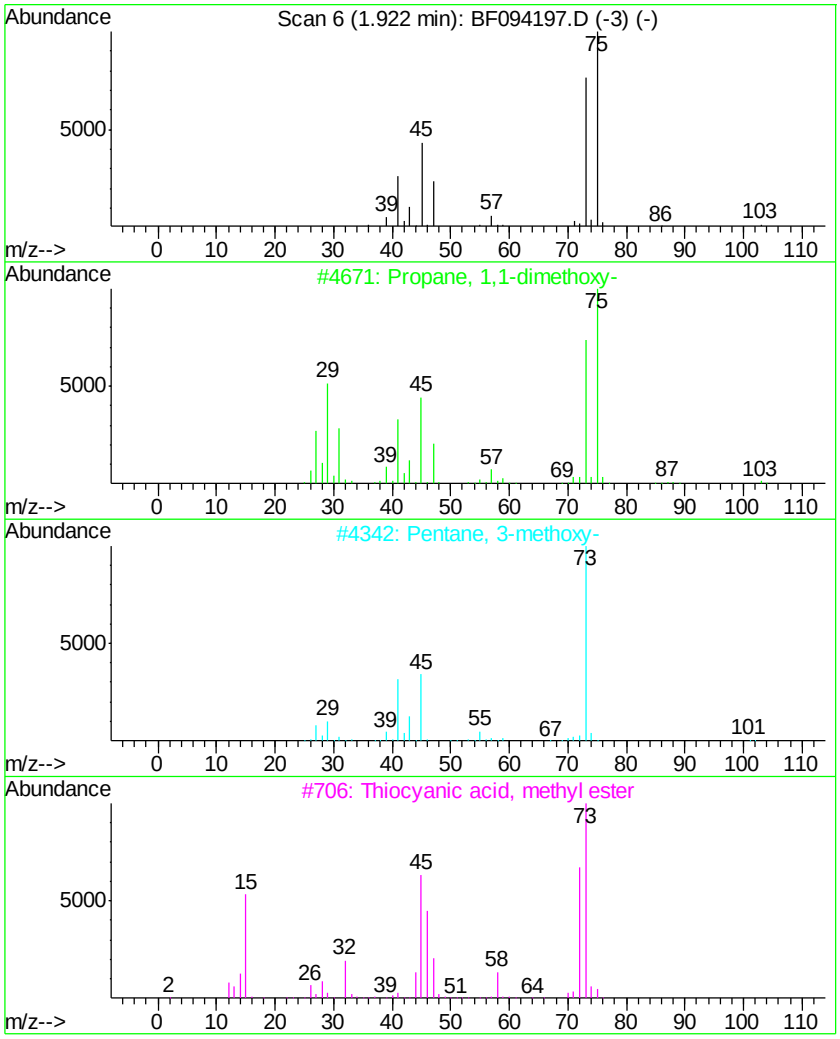
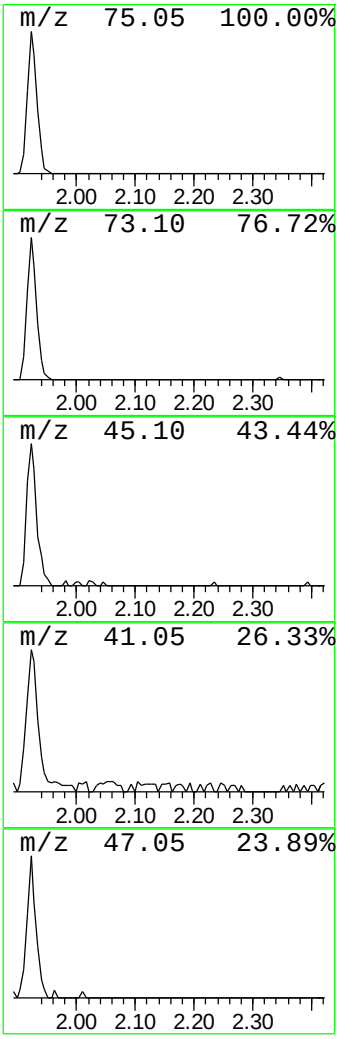
Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.92	2.07 ng	104187	1,4-Dichlorobenzene-d4	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	64
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	22
3	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9
4	d-(+)-Glyceric acid	106	C3H6O4	1000211-40-8	9
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9





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ClientSampleId : CEMETERY-1(0-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
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TIC Integration Parameters: LSCINT.P

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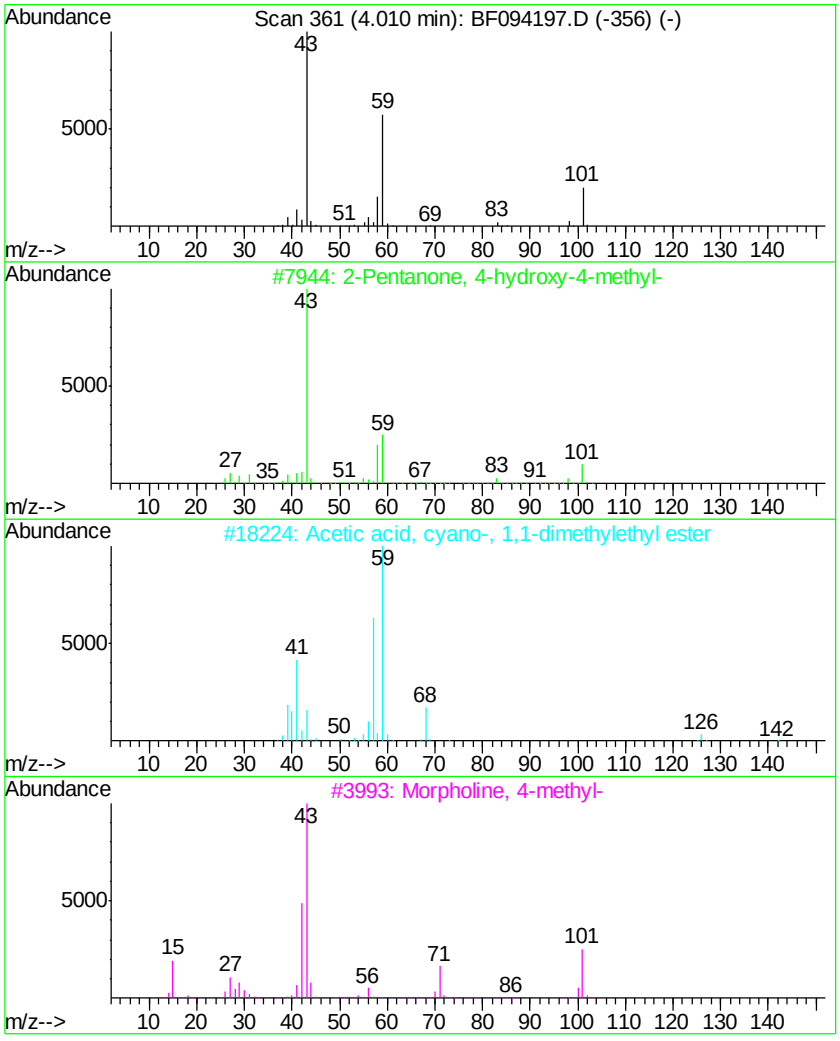
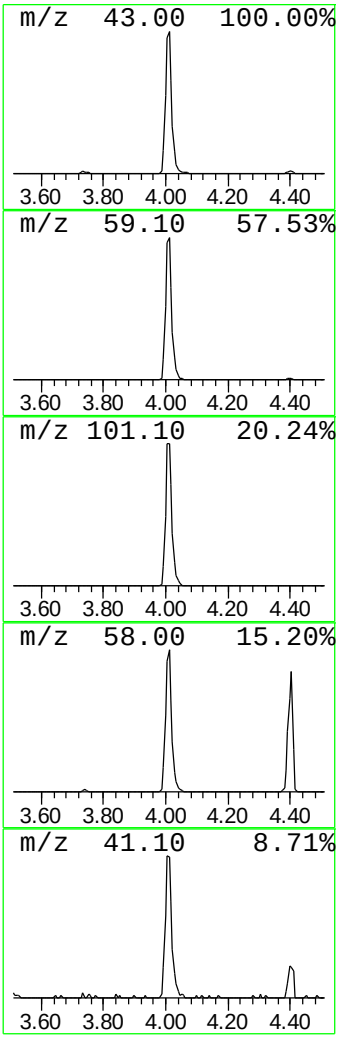
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.01	12.30 ng	618408	1,4-Dichlorobenzene-d4	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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Sample : I2523-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-1(0-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
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TIC Library : C:\DATABASE\NIST02.L
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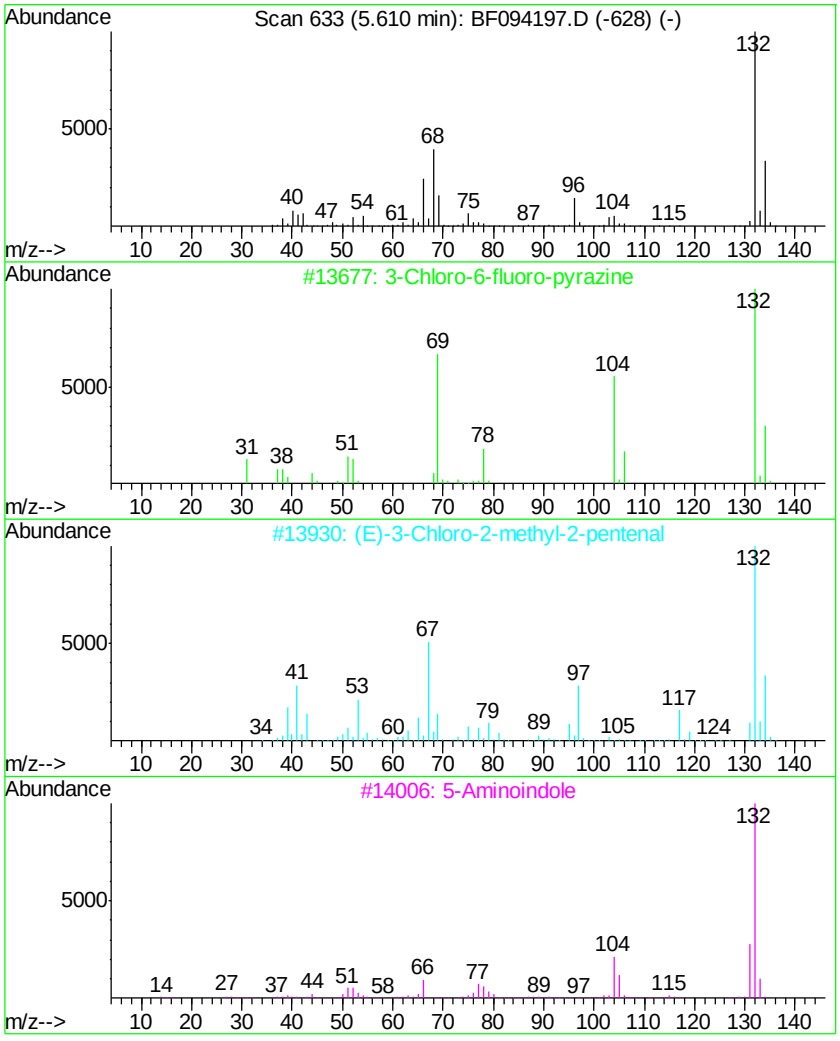
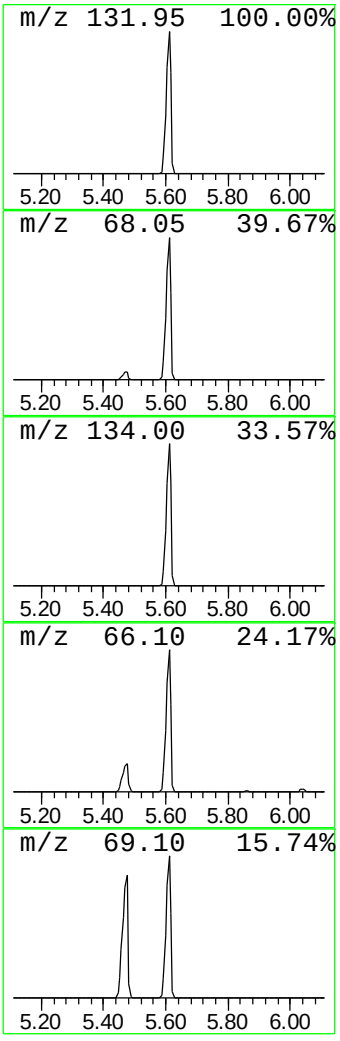
Peak Number 3 unknown5.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	83.76 ng	4210140	1,4-Dichlorobenzene-d4	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

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Acq On : 5 Apr 2017 18:53
Operator : SJ/MA
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-1(0-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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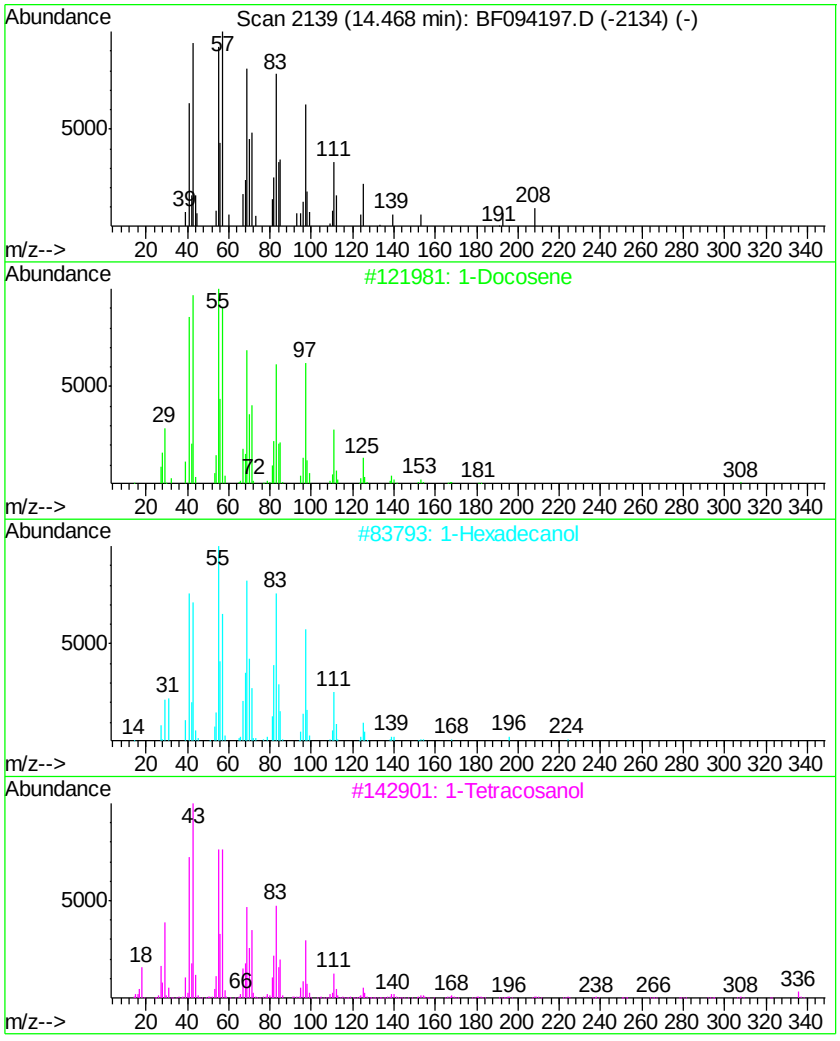
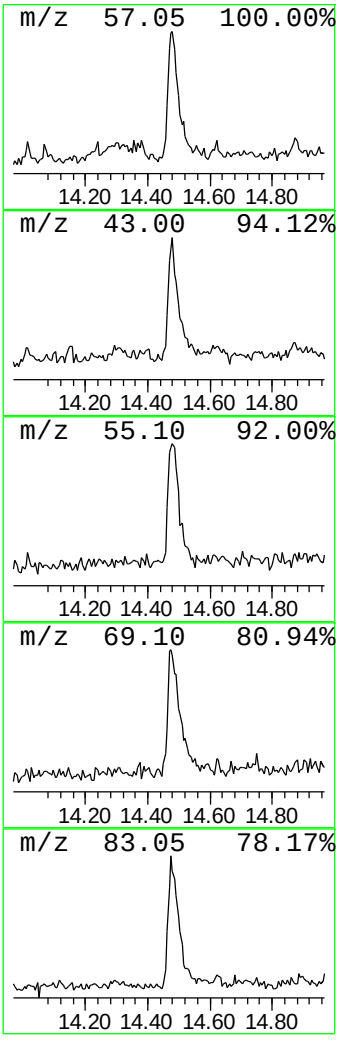
Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	2.56 ng	172898	Chrysene-d12	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	90
2	1-Hexadecanol	242	C16H34O	036653-82-4	90
3	1-Tetracosanol	354	C24H50O	000506-51-4	90
4	1-Hexacosanol	382	C26H54O	000506-52-5	90
5	1-Heptadecanol	256	C17H36O	001454-85-9	87





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-1(0-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-dime...	1.92	2.1	ng	104187	1	5.86	1005320	20.0
2-Pentanone, 4-hy...	4.01	12.3	ng	618408	1	5.86	1005320	20.0
unknown5.61	5.61	83.8	ng	4210140	1	5.86	1005320	20.0
1-Docosene	14.47	2.6	ng	172898	5	14.57	1353040	20.0