LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
Data File : BG024624.D
Acq On : 2 Nov 2016 12:09
Operator : UM/SJ
Sample : H5489-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-77-0.5-1.0

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_G\METHODS\8270-BG102516.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	3.129	43	49	68	rVB	5278058	10452351	100.00%	18.127%
2	5.332	418	424	433	rVB	451524	716909	6.86%	1.243%
3	5.803	495	504	512	rBV	1933692	3337206	31.93%	5.788%
4	7.407	768	777	787	rBV	2052506	3809118	36.44%	6.606%
5	7.794	833	843	853	rBV	1968355	3550293	33.97%	6.157%
6	8.270	917	924	933	rBV	454900	807211	7.72%	1.400%
7	8.593	970	979	990	rBV	1390206	2530304	24.21%	4.388%
8	9.445	1117	1124	1131	rBV	1291009	2378160	22.75%	4.124%
9	11.096	1397	1405	1412	rVB	588071	1082095	10.35%	1.877%
10	13.505	1807	1815	1824	rVB	3106422	4978073	47.63%	8.633%
11	14.322	1944	1954	1960	rBV	797641	1194828	11.43%	2.072%
12	14.880	2040	2049	2056	rBV	958607	1540830	14.74%	2.672%
13	16.367	2295	2302	2309	rBV	2732304	4289351	41.04%	7.439%
14	16.537	2326	2331	2338	rBV2	79902	130358	1.25%	0.226%
15	17.624	2509	2516	2523	rBV	1296388	1972340	18.87%	3.421%
16	17.959	2568	2573	2582	rBV3	126896	231730	2.22%	0.402%
17	18.470	2654	2660	2667	rBV8	94617	156006	1.49%	0.271%
18	20.203	2949	2955	2963	rBV	6351745	8621144	82.48%	14.951%
19	21.502	3171	3176	3185	rVB5	101134	187619	1.79%	0.325%
20	21.913	3239	3246	3254	rBV	1504017	2743298	26.25%	4.758%
21	23.640	3536	3540	3547	rVB4	112426	203621	1.95%	0.353%
22	25.344	3818	3830	3843	rVB2	894904	2748484	26.30%	4.767%

Sum of corrected areas: 57661329

LSC Report - Integrated Chromatogram

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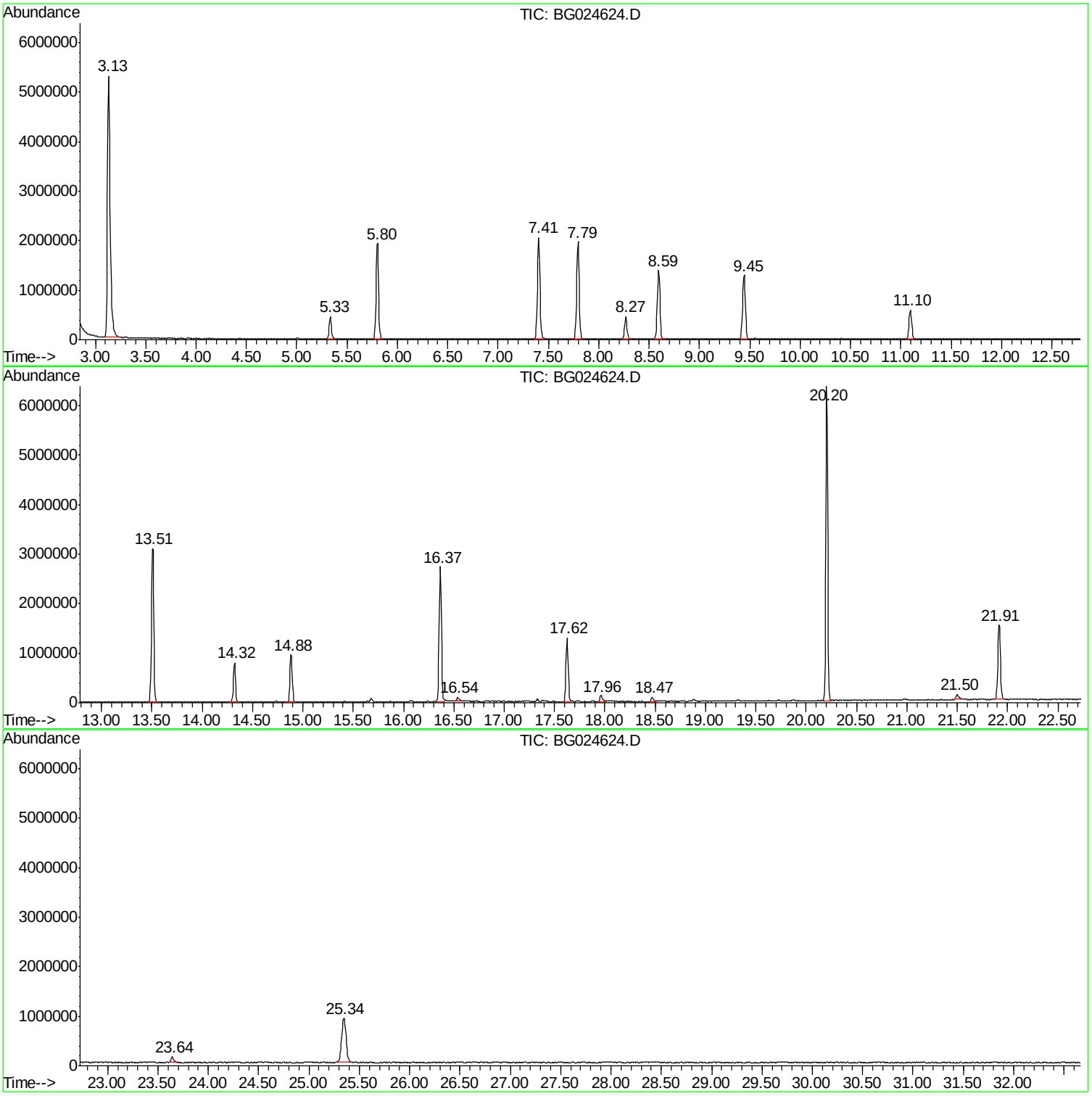
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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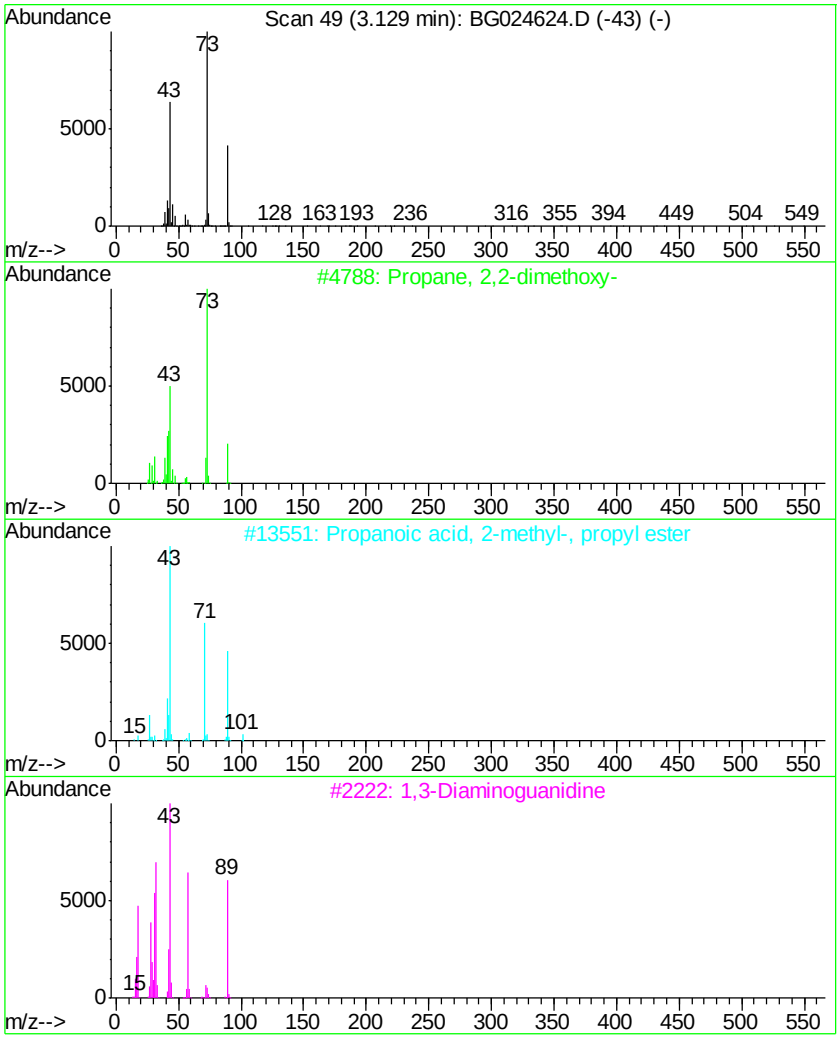
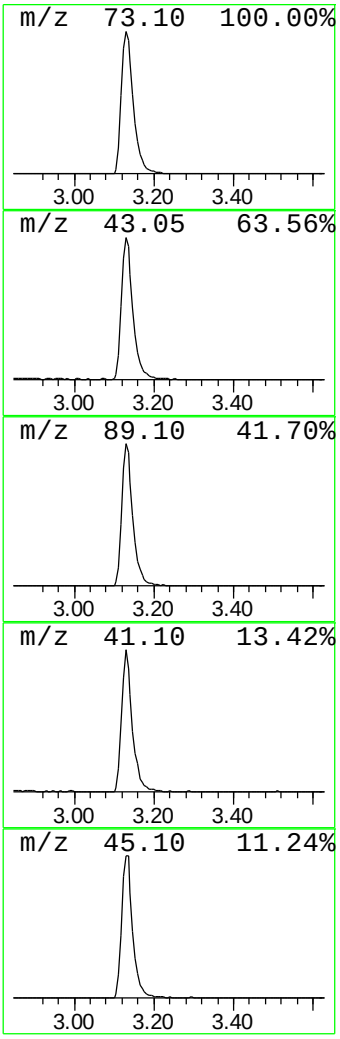
Peak Number 1 unknown3.13 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	258.97 ng	10452400	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	38
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Ethanamine, 2-methoxy-	75	C3H9NO	000109-85-3	5





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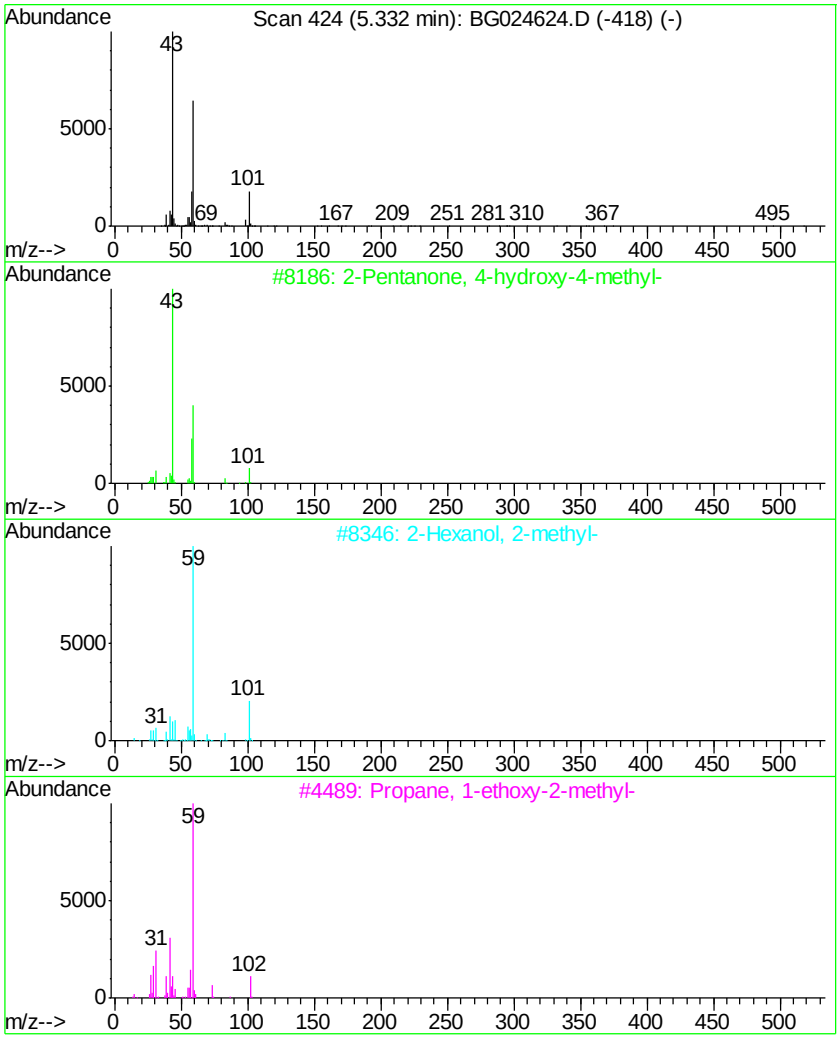
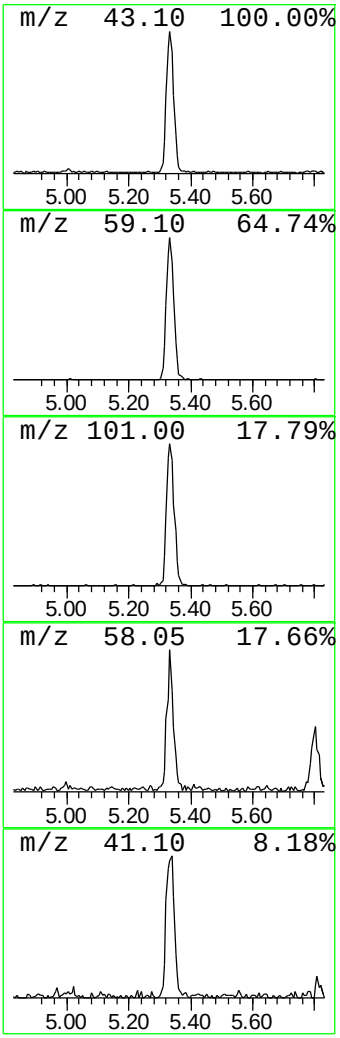
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	17.76 ng	716909	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	32
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	17





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Sample : H5489-20
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-77-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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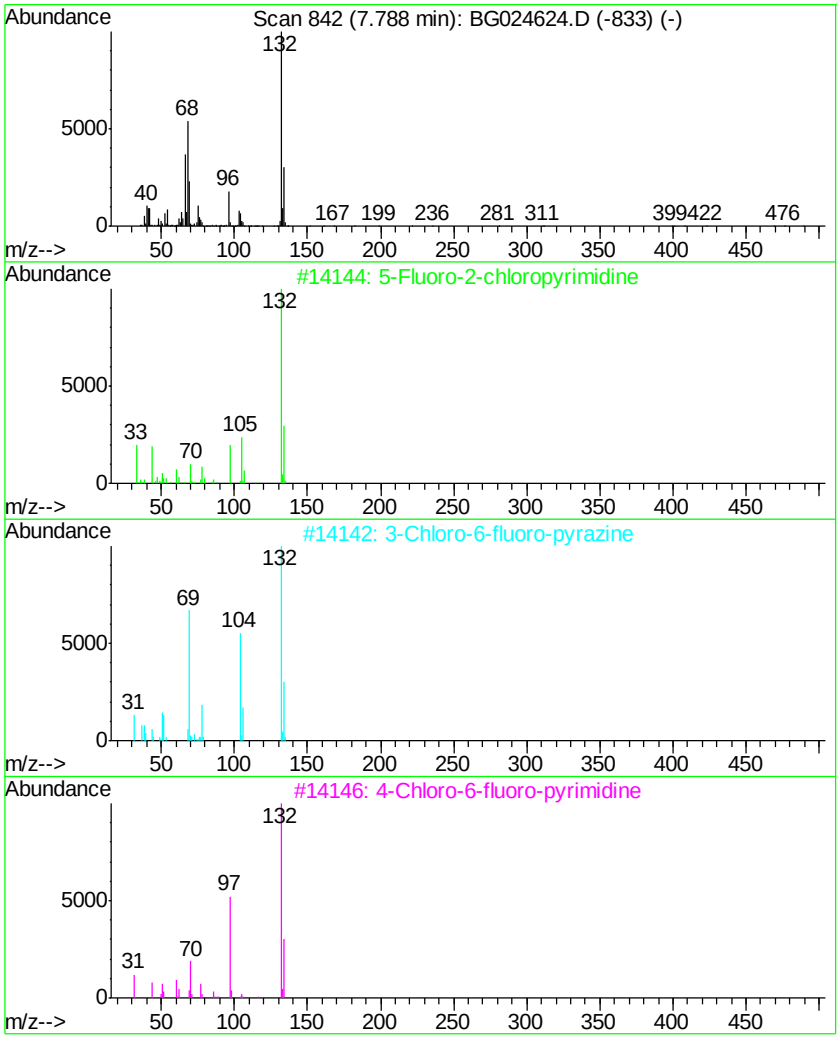
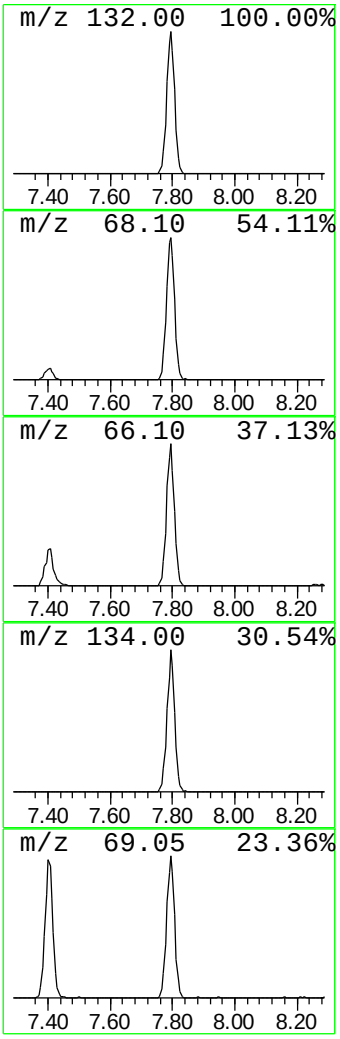
Peak Number 3 unknown7.79 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	87.96 ng	3550290	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12





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ClientSampleId : SB-77-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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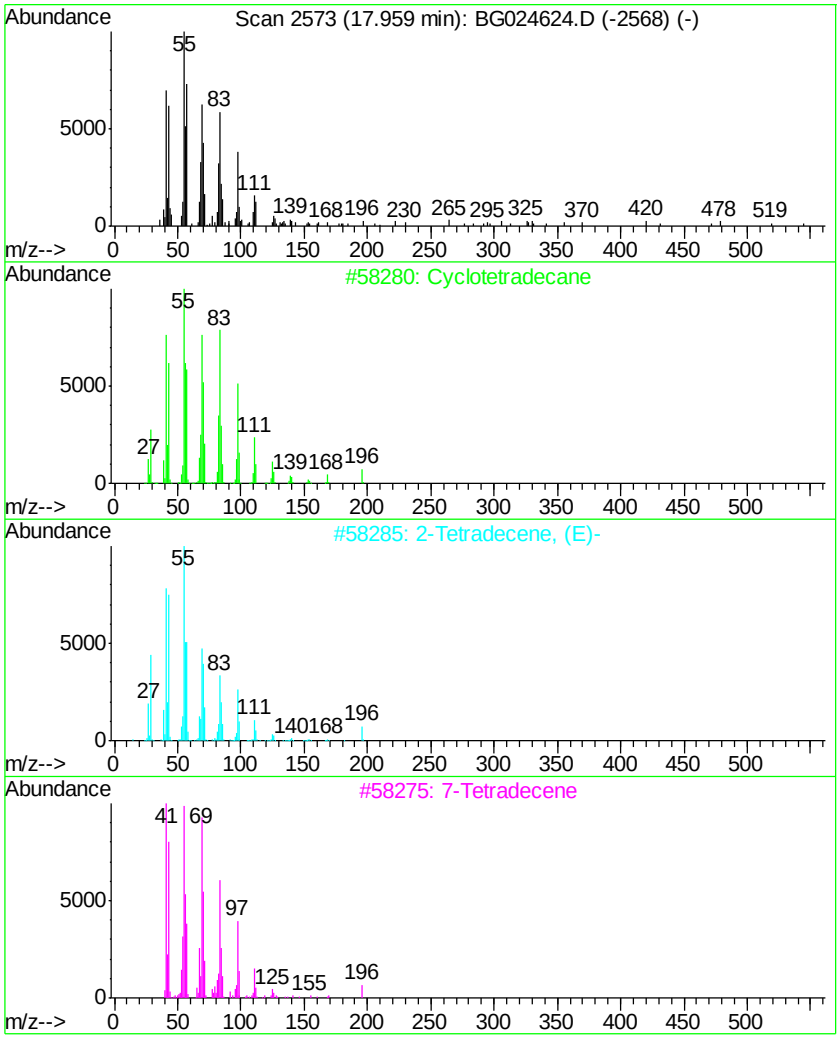
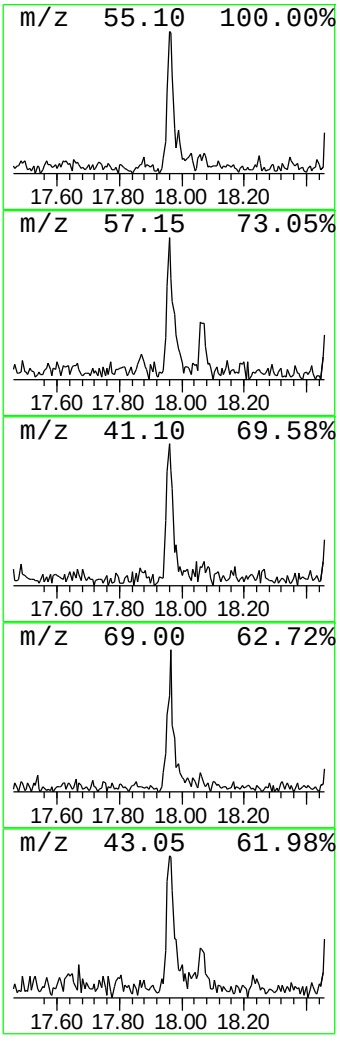
Peak Number 5 Cyclotetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.35 ng	231730	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	93
2	2-Tetradecene, (E)-	196	C14H28	035953-54-9	93
3	7-Tetradecene	196	C14H28	010374-74-0	93
4	Cycloeicosane	280	C20H40	000296-56-0	87
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	86





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.13	3.13	259.0	ng	10452400	1	8.27	807211	20.0
2-Pentanone, 4-hy...	5.33	17.8	ng	716909	1	8.27	807211	20.0
unknown7.79	7.79	88.0	ng	3550290	1	8.27	807211	20.0
Cyclotetradecane	17.96	2.4	ng	231730	4	17.62	1972340	20.0