LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024745.D
Acq On : 8 Nov 2016 1:32
Operator : UM/SJ
Sample : H5543-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-112-22.5-23.0

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	3.119	42	48	64	rBV	6734464	10945644	100.00%	19.385%
2	3.272	68	74	82	rBV4	61513	132052	1.21%	0.234%
3	5.322	417	423	430	rBV	412668	646756	5.91%	1.145%
4	5.792	495	503	512	rBV	1874789	3118425	28.49%	5.523%
5	7.402	767	777	786	rBV	1939895	3478955	31.78%	6.161%
6	7.784	834	842	850	rBV	1829804	3295871	30.11%	5.837%
7	8.260	916	923	933	rVB	337993	607262	5.55%	1.075%
8	8.583	970	978	988	rBV	1317650	2412177	22.04%	4.272%
9	9.435	1114	1123	1130	rBV	1179174	2158631	19.72%	3.823%
10	11.086	1397	1404	1414	rVB	424477	777678	7.10%	1.377%
11	13.501	1805	1815	1822	rBV	2980447	4651330	42.49%	8.238%
12	14.318	1946	1954	1961	rBV	786847	1193995	10.91%	2.115%
13	14.876	2041	2049	2057	rBV	710902	1153339	10.54%	2.043%
14	16.362	2294	2302	2309	rBV	3057199	4838594	44.21%	8.569%
15	17.620	2508	2516	2527	rBV	1024151	1577446	14.41%	2.794%
16	18.460	2655	2659	2668	rBV2	170631	264832	2.42%	0.469%
17	20.199	2949	2955	2961	rBV	6932433	9447303	86.31%	16.732%
18	21.492	3170	3175	3181	rBV3	191283	323767	2.96%	0.573%
19	21.915	3240	3247	3255	rVB	1430603	2504174	22.88%	4.435%
20	23.630	3533	3539	3546	rVB2	206406	400117	3.66%	0.709%
21	25.340	3818	3830	3841	rVB2	813226	2535366	23.16%	4.490%

Sum of corrected areas: 56463714

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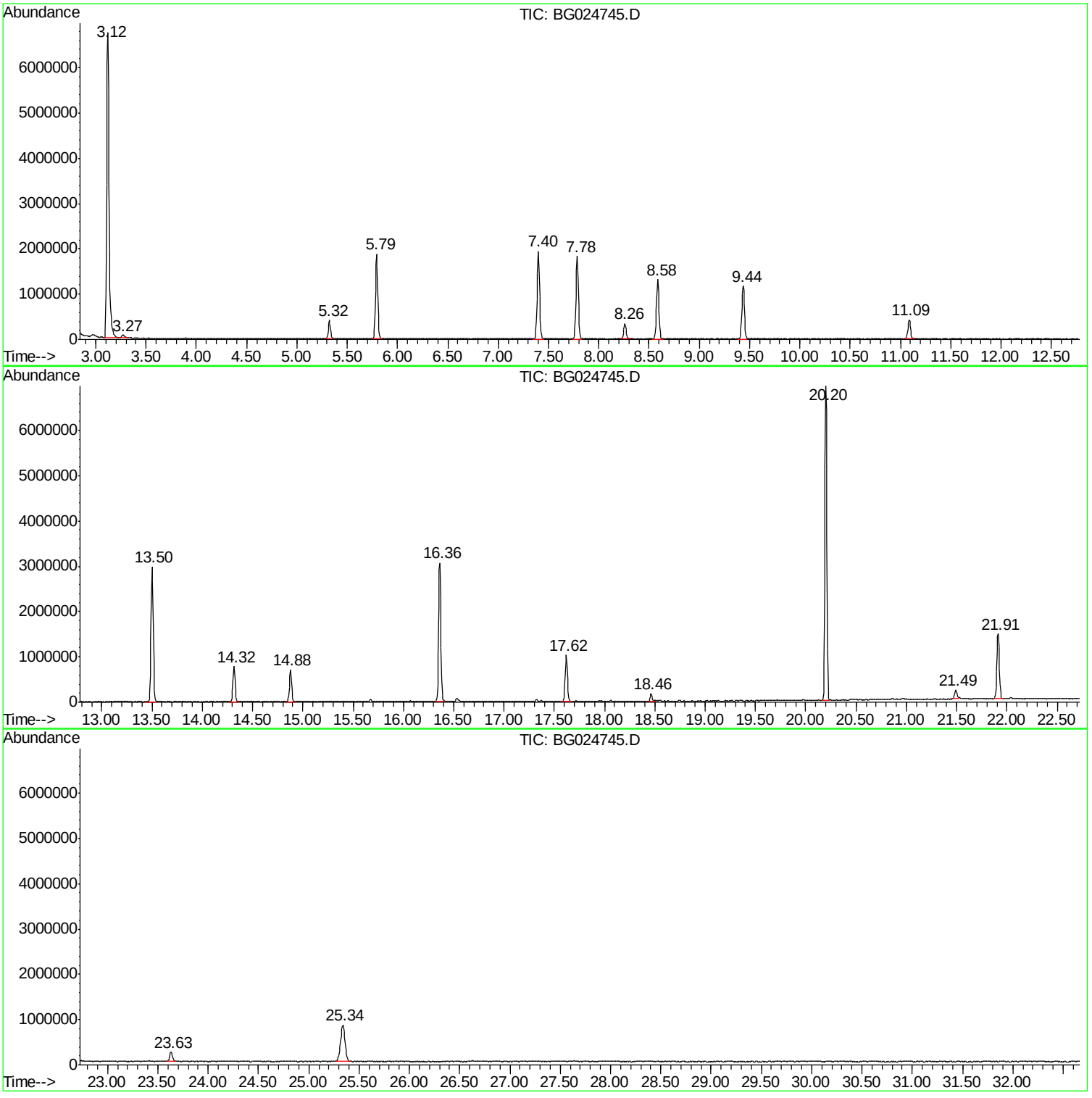
Instrument : BNA_G
ClientSampleId : SB-112-22.5-23.0

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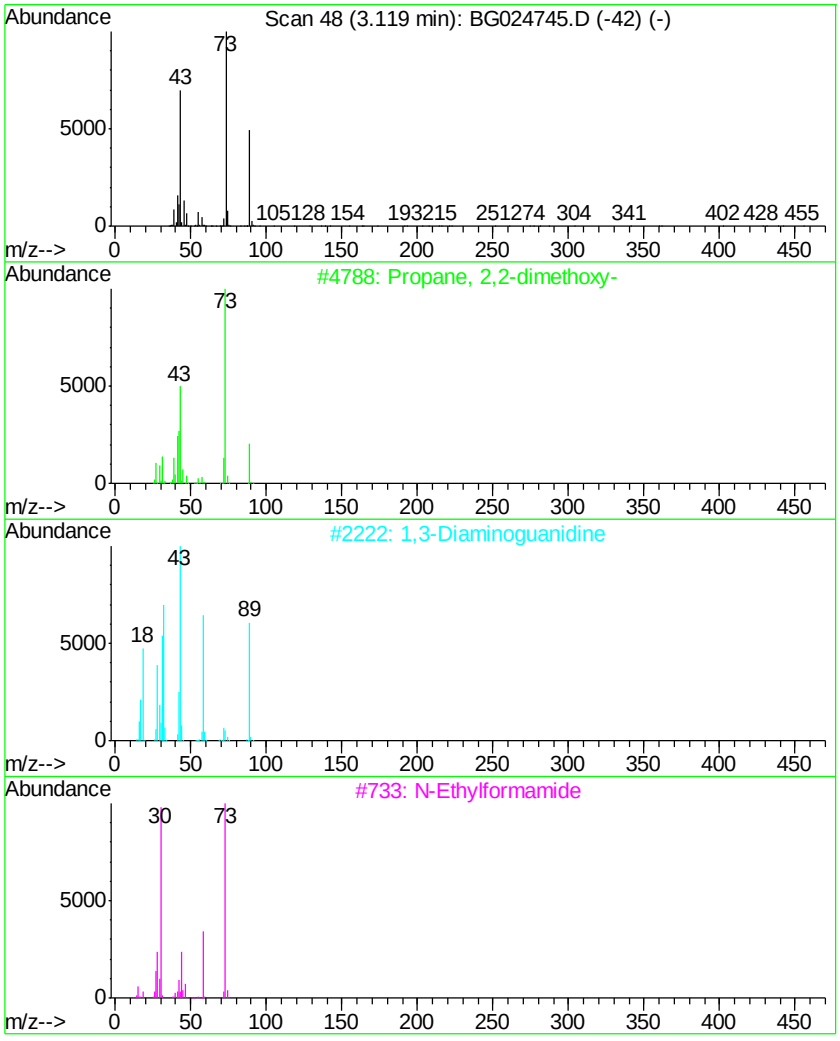
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

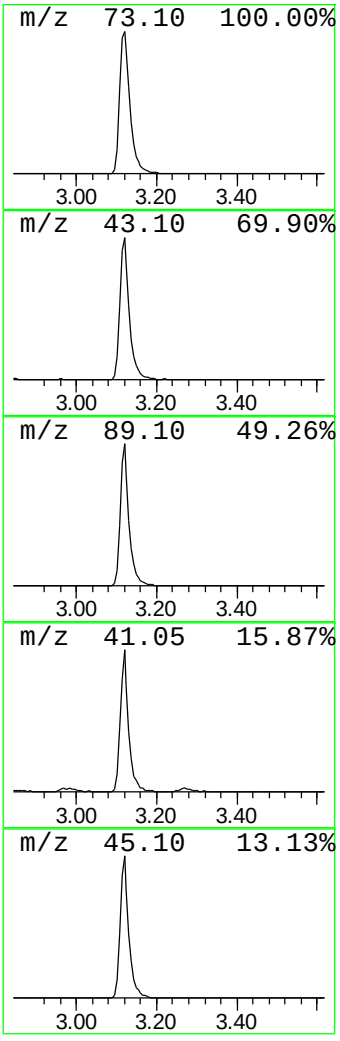
****

Peak Number 1 unknown3.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	360.49 ng	10945600	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	28
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





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Operator : UM/SJ
Sample : H5543-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-112-22.5-23.0

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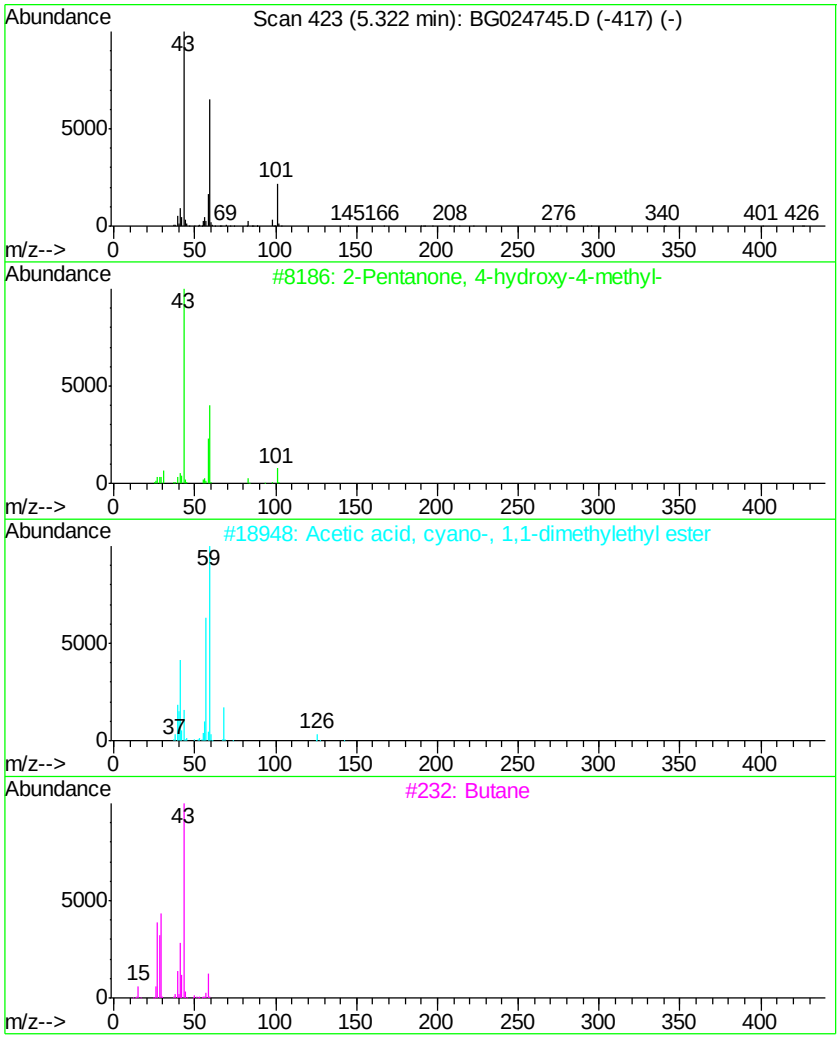
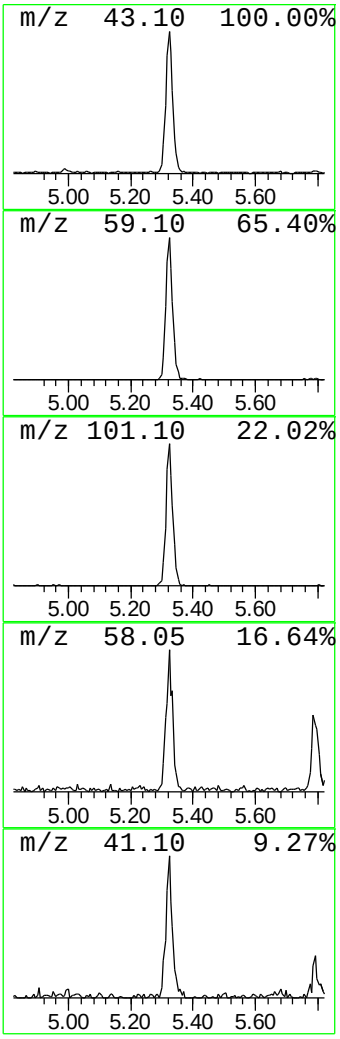
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	21.30 ng	646756	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Butane	58	C4H10	000106-97-8	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Operator : UM/SJ
Sample : H5543-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-112-22.5-23.0

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
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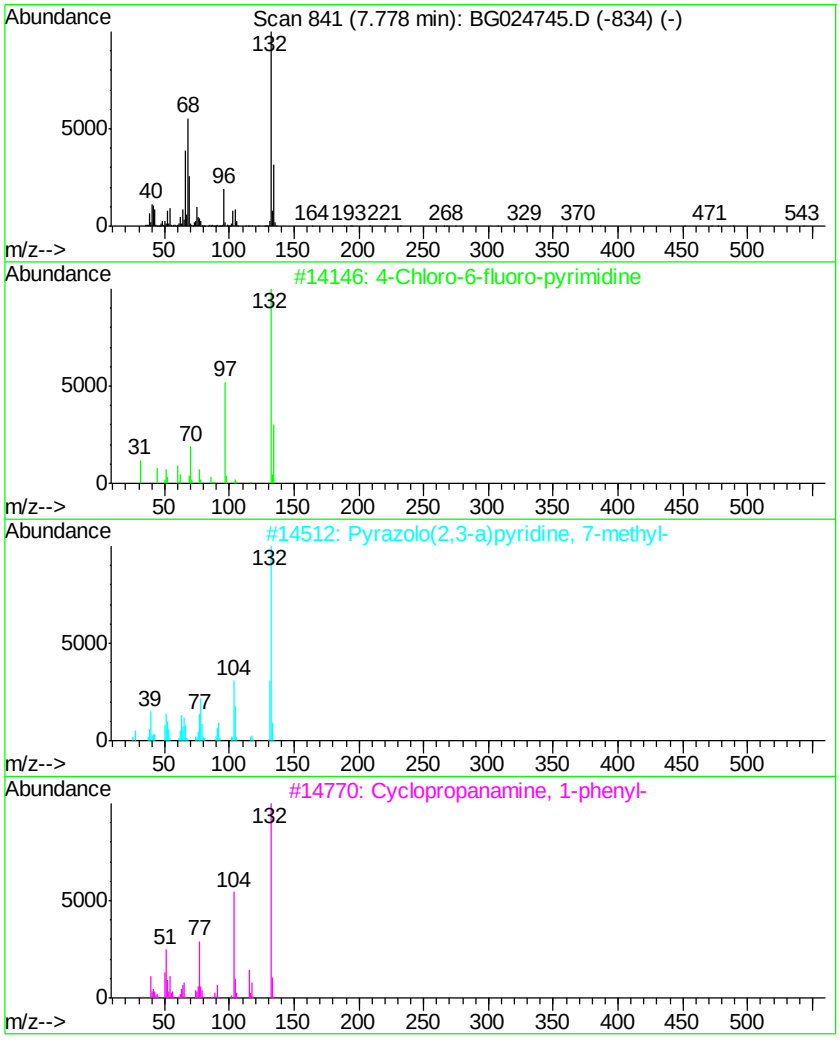
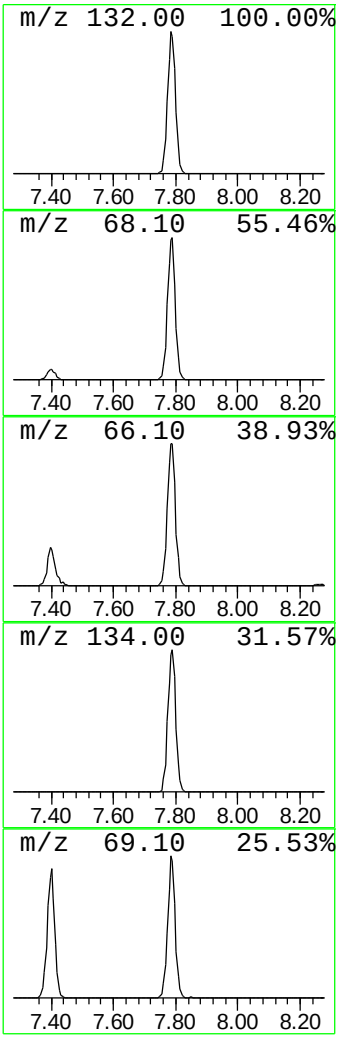
Peak Number 4 unknown7.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	108.55 ng	3295870	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	20





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Sample : H5543-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-112-22.5-23.0

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
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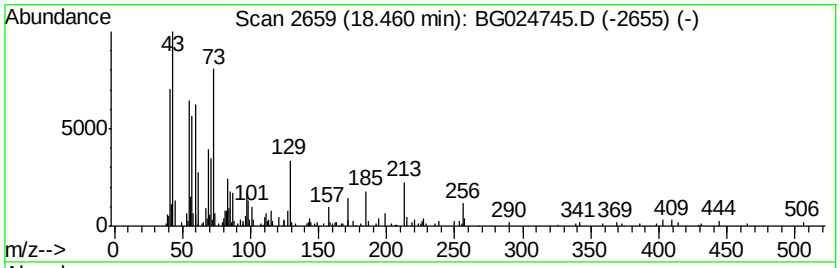
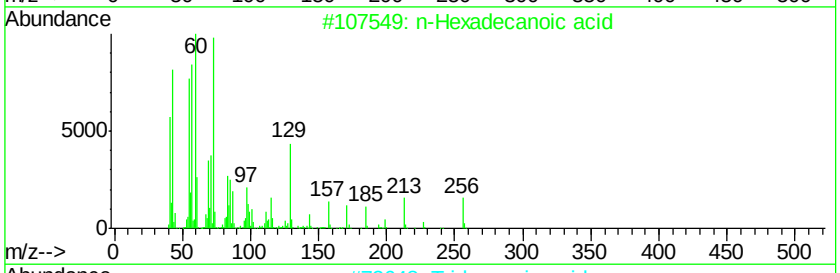
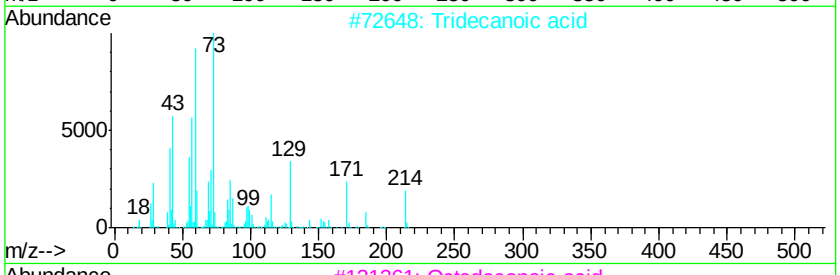
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

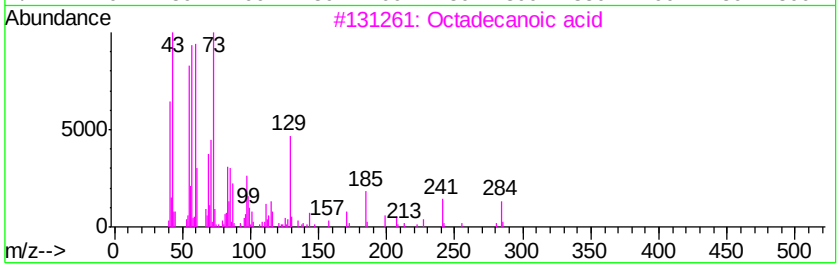
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	3.36 ng	264832	Phenanthrene-d10	17.62

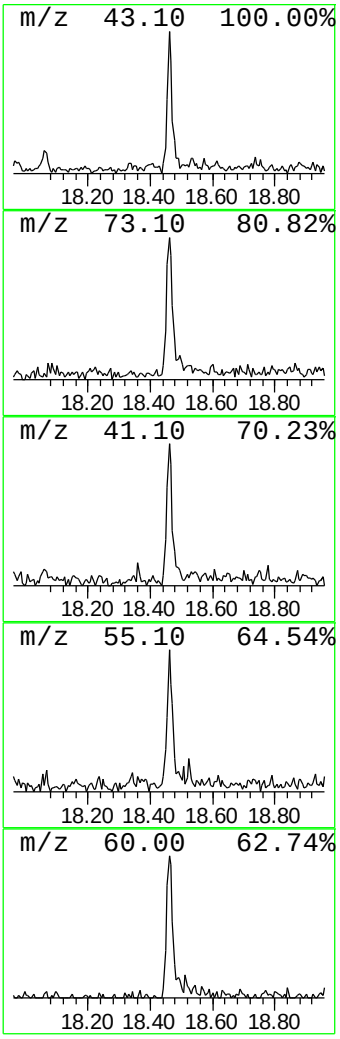
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Octadecanoic acid	284	C18H36O2	000057-11-4	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58











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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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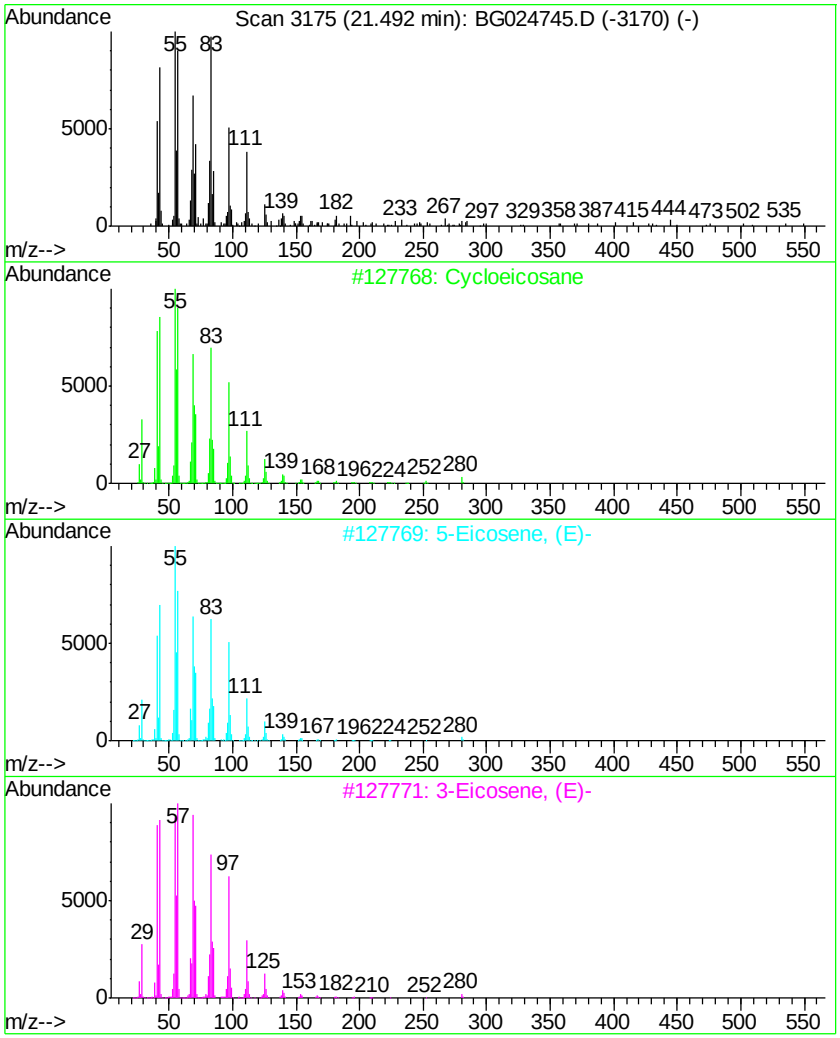
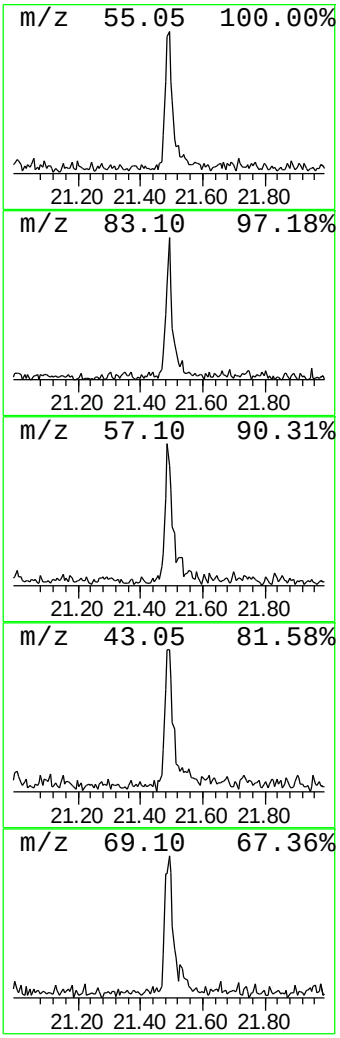
Peak Number 7 Cycloeicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	2.59 ng	323767	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	92
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	92
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	76
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76





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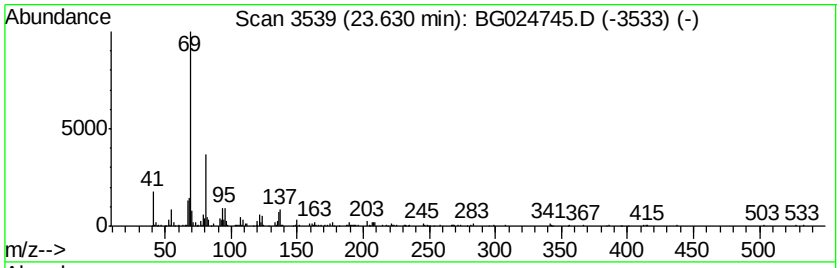
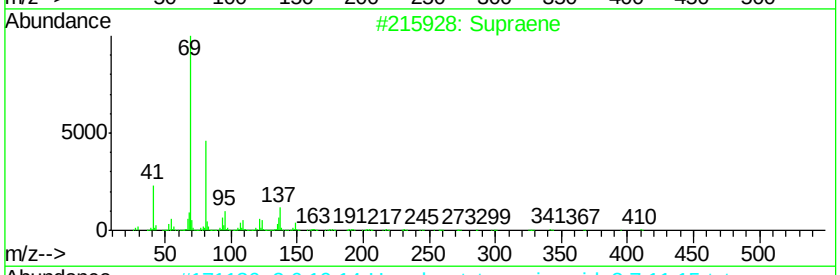
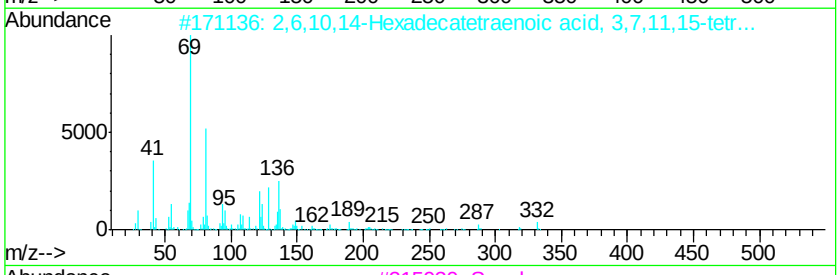
Peak Number 8 Supraene Concentration Rank 7

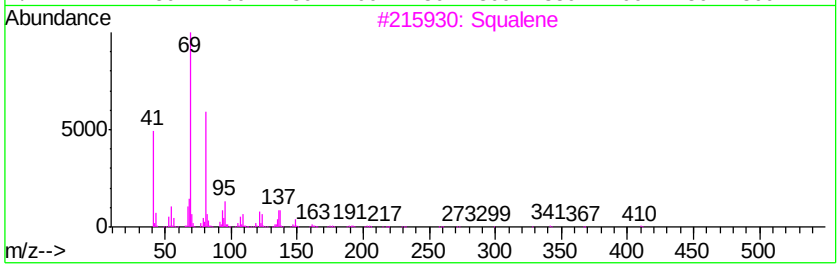
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.63	3.16 ng	400117	Perylene-d12	25.34

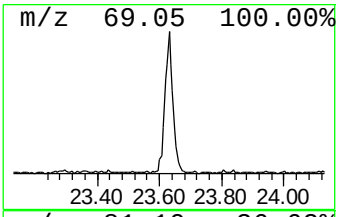
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	64
2	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64
3	Squalene	410	C30H50	000111-02-4	64
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
5	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	64

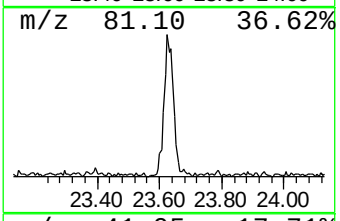


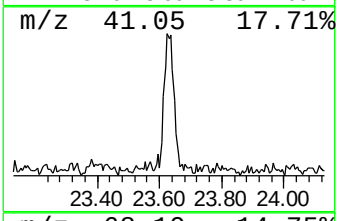


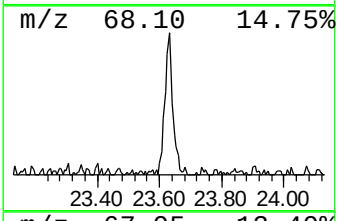


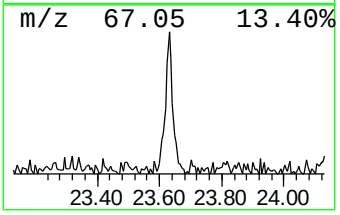












Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.12	3.12	360.5	ng	10945600	1	8.26	607262	20.0
2-Pentanone, 4-hy...	5.32	21.3	ng	646756	1	8.26	607262	20.0
unknown7.78	7.78	108.6	ng	3295870	1	8.26	607262	20.0
n-Hexadecanoic acid	18.46	3.4	ng	264832	4	17.62	1577450	20.0
Cycloeicosane	21.49	2.6	ng	323767	5	21.91	2504170	20.0
Supraene	23.63	3.2	ng	400117	6	25.34	2535370	20.0