LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017144.D
Acq On : 14 May 2015 17:15
Operator : TP/IZ
Sample : G2177-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-19(5-10)

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-BG051315.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	2.796	13	18	25	rBV2	104394	158555	6.06%	0.968%
2	2.873	27	31	37	rBV	569507	660676	25.24%	4.032%
3	4.806	353	360	368	rVB3	73943	137713	5.26%	0.840%
4	5.299	437	444	454	rBV	750785	1034416	39.52%	6.313%
5	6.903	710	717	725	rBV	812931	1228012	46.92%	7.494%
6	7.244	768	775	785	rBV	737373	1143756	43.70%	6.980%
7	7.708	847	854	860	rVB	229493	353464	13.51%	2.157%
8	8.026	902	908	915	rBV	496021	770490	29.44%	4.702%
9	8.866	1042	1051	1060	rBV	462328	750896	28.69%	4.582%
10	10.499	1320	1329	1340	rBV	310779	503980	19.26%	3.076%
11	12.979	1744	1751	1757	rBV	1080081	1572740	60.09%	9.598%
12	13.819	1888	1894	1898	rBV	44996	63738	2.44%	0.389%
13	14.359	1979	1986	1993	rBV2	456931	709490	27.11%	4.330%
14	15.852	2234	2240	2249	rBV	1003575	1428637	54.59%	8.718%
15	16.081	2275	2279	2286	rBV6	18165	29397	1.12%	0.179%
16	16.874	2408	2414	2420	rBV5	14371	26990	1.03%	0.165%
17	17.109	2448	2454	2460	rBV	717993	927830	35.45%	5.662%
18	17.232	2467	2475	2483	rVB10	23702	42202	1.61%	0.258%
19	18.008	2604	2607	2612	rBV3	42789	53434	2.04%	0.326%
20	19.741	2896	2902	2909	rBV	2232117	2617144	100.00%	15.971%
21	21.004	3113	3117	3126	rBV	92404	131667	5.03%	0.804%
22	21.292	3161	3166	3173	rBV	827750	999998	38.21%	6.103%
23	22.479	3363	3368	3374	rBV2	62737	88685	3.39%	0.541%
24	23.560	3544	3552	3560	rBV	508146	952628	36.40%	5.813%

Sum of corrected areas: 16386538

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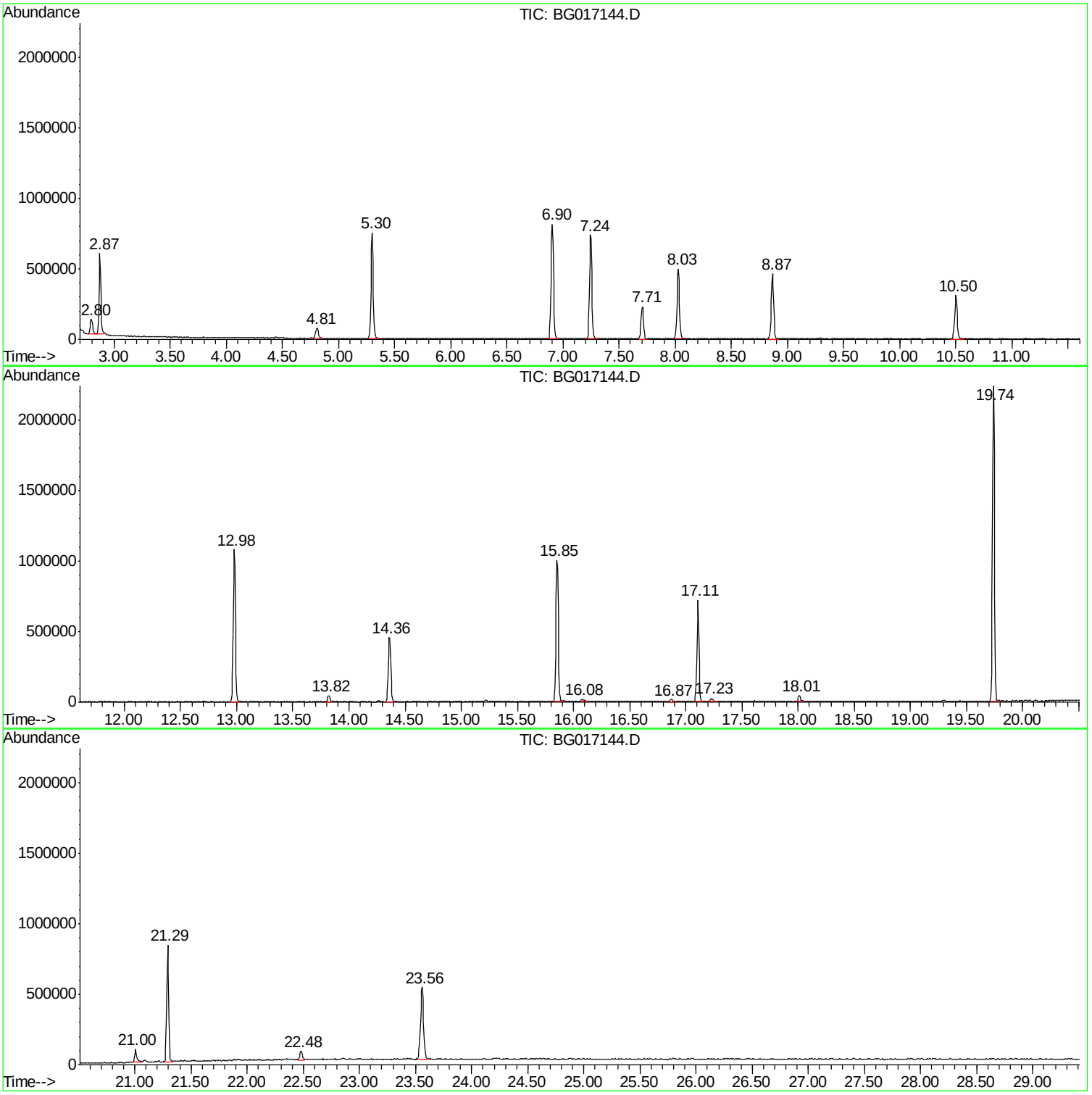
Instrument :
BNA_G
ClientSampleId :
PS-19(5-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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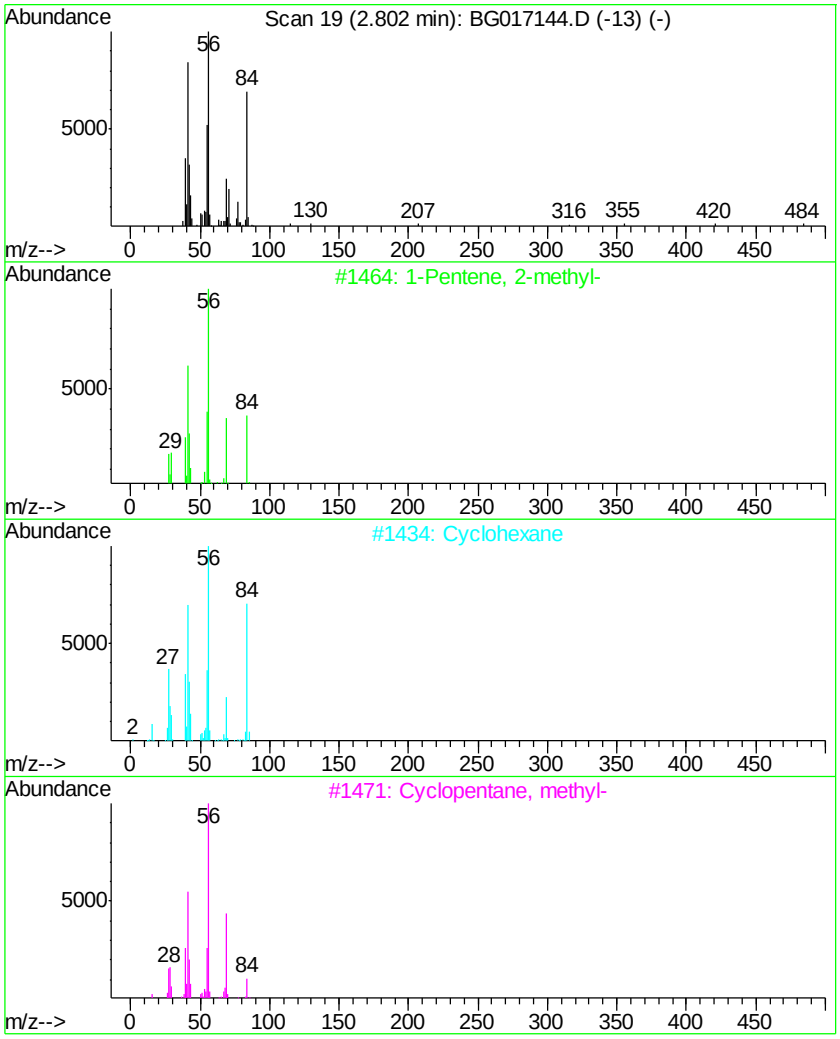
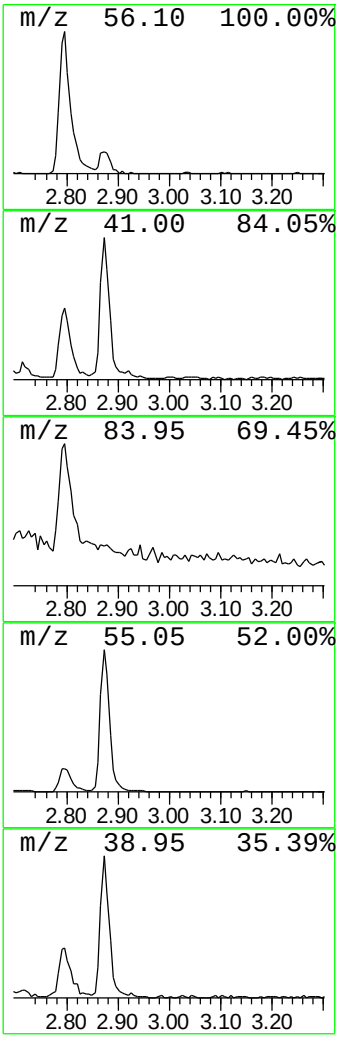
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.80	8.97 ng	158555	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
2	Cyclohexane	84	C6H12	000110-82-7	72
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	47
4	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	43
5	1-Hexene	84	C6H12	000592-41-6	42





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Instrument : BNA_G
ClientSampleId : PS-19(5-10)

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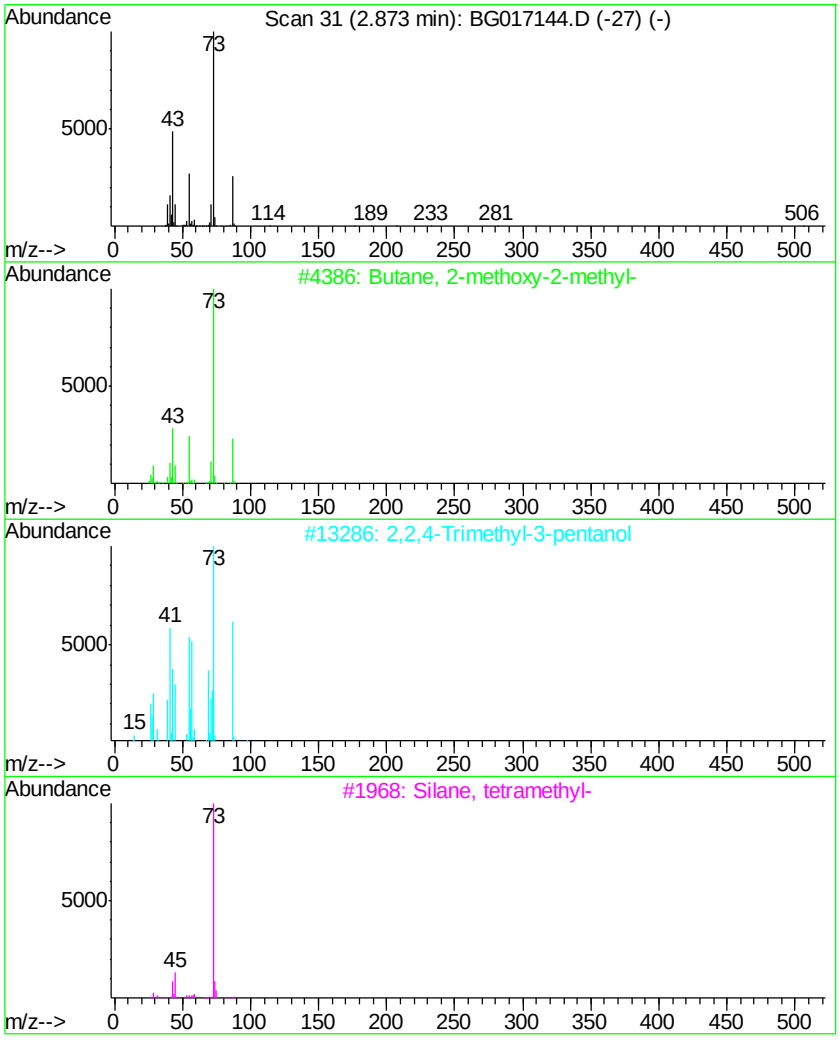
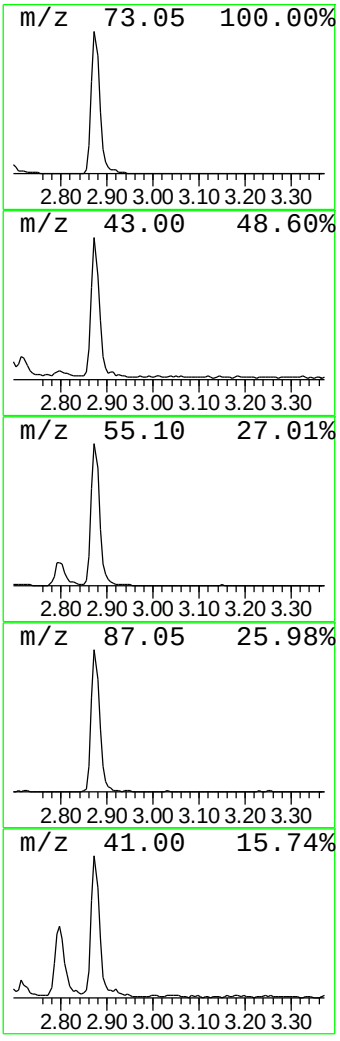
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	37.38 ng	660676	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument : BNA_G
ClientSampleId : PS-19(5-10)

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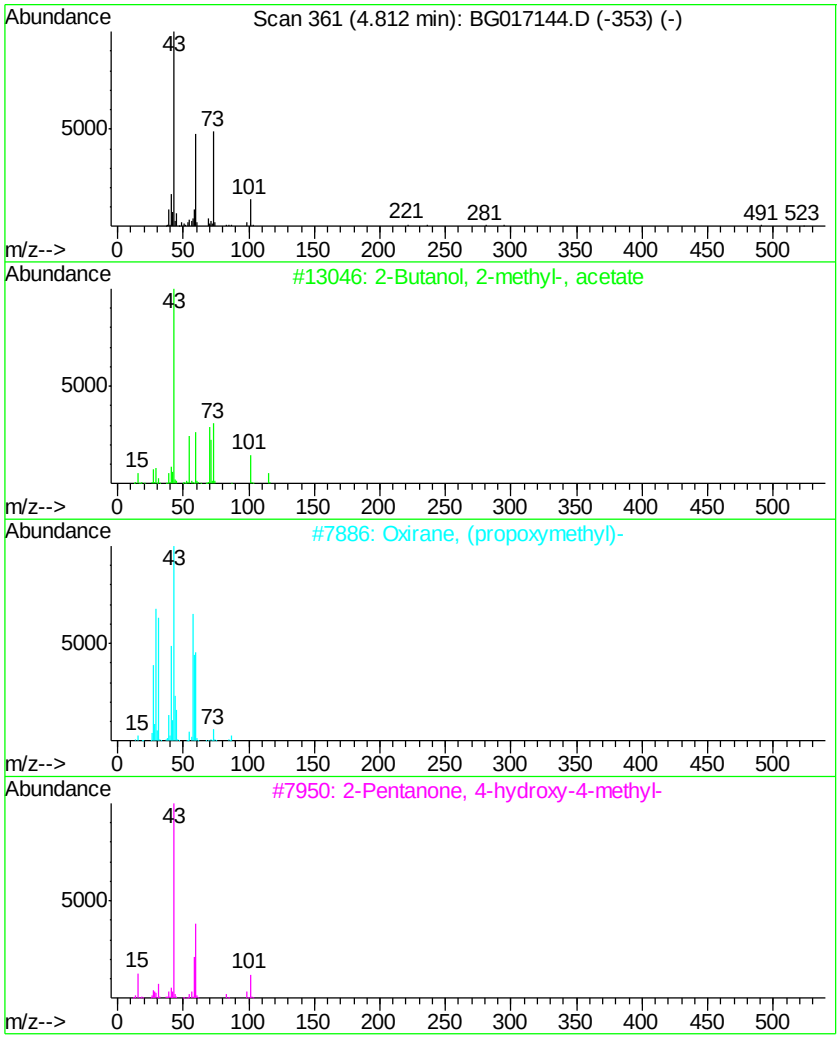
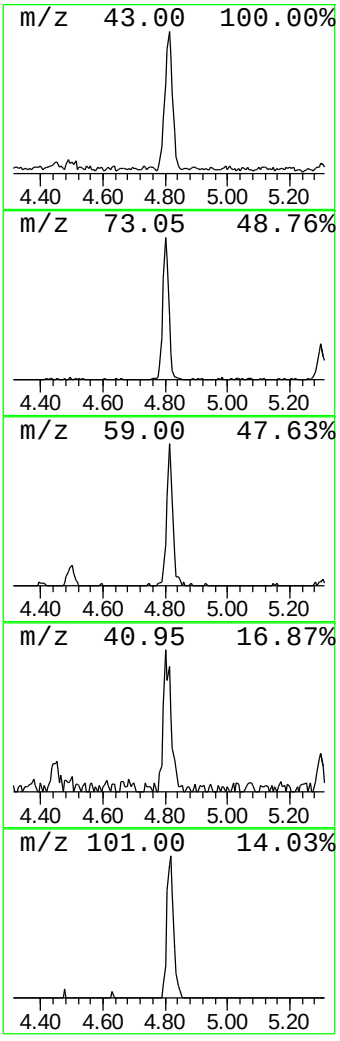
Peak Number 3 unknown4.81 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	7.79 ng	137713	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2-methyl-, acetate	130	C7H14O2	000625-16-1	38
2	Oxirane, (propoxymethyl)-	116	C6H12O2	003126-95-2	28
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	22





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-19(5-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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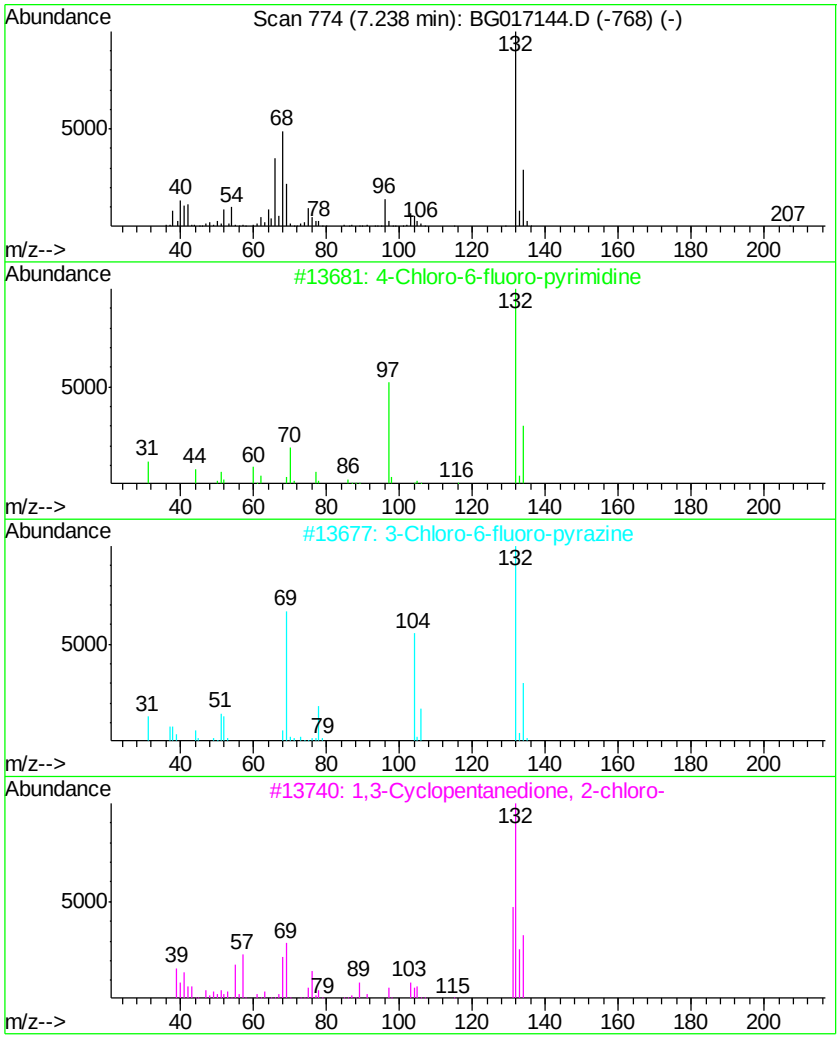
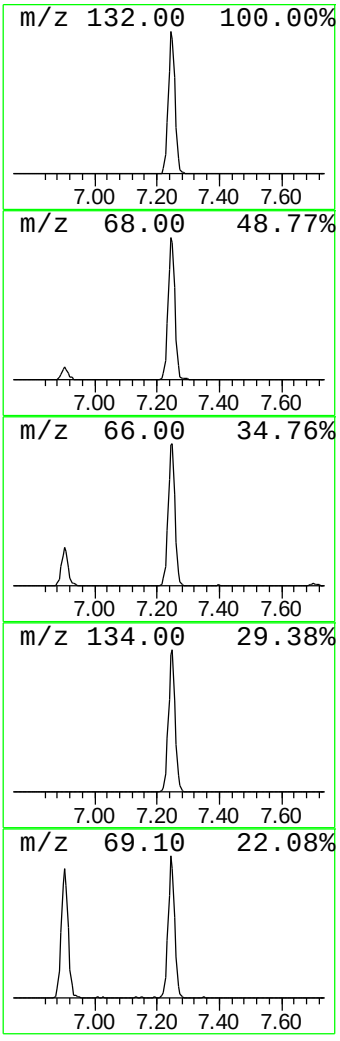
Peak Number 4 unknown7.24 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	64.72 ng	1143760	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





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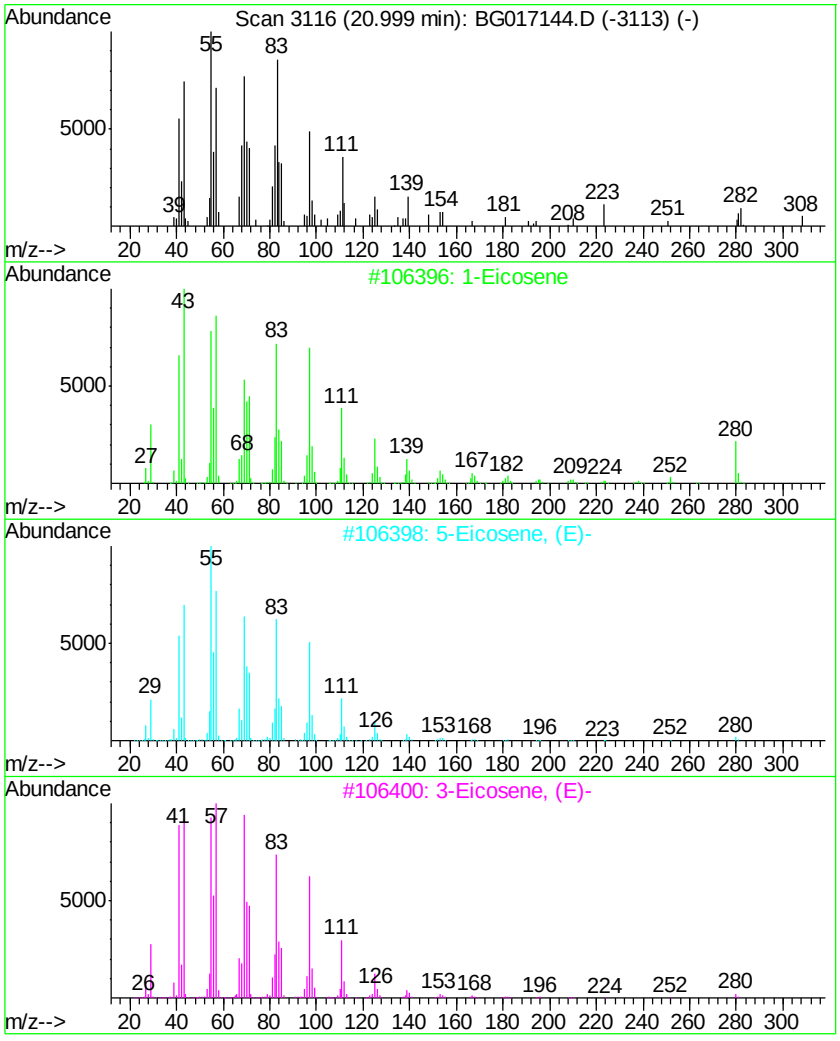
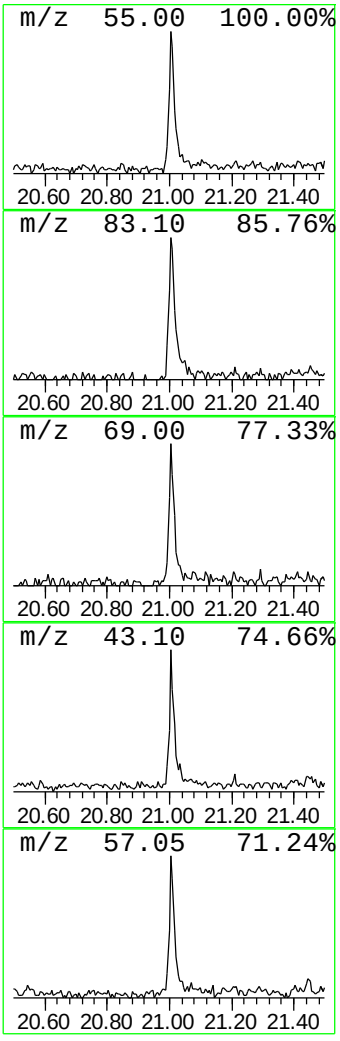
Peak Number 6 1-Eicosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.63 ng	131667	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
4	1-Eicosanol	298	C20H42O	000629-96-9	91
5	Cycloeicosane	280	C20H40	000296-56-0	90





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	2.80	9.0	ng	158555	1	7.71	353464	20.0
Butane, 2-methoxy...	2.87	37.4	ng	660676	1	7.71	353464	20.0
unknown4.81	4.81	7.8	ng	137713	1	7.71	353464	20.0
unknown7.24	7.24	64.7	ng	1143760	1	7.71	353464	20.0
1-Eicosene	21.00	2.6	ng	131667	5	21.29	999998	20.0