LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021787.D
Acq On : 20 Apr 2016 16:24
Operator : UM/SJ
Sample : H2413-02 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2-B-2(0-2)

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-BG041316.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	3.096	38	44	59	rVB	1101569	1621833	100.00%	16.017%
2	3.361	85	89	96	rVB2	10925	17697	1.09%	0.175%
3	5.288	410	417	424	rBV	29928	49112	3.03%	0.485%
4	5.764	490	498	509	rBV	342790	575231	35.47%	5.681%
5	7.368	764	771	782	rVB	366578	645635	39.81%	6.376%
6	7.744	827	835	843	rBV	351761	637971	39.34%	6.301%
7	8.214	907	915	924	rBV	162174	279963	17.26%	2.765%
8	8.543	962	971	982	rVB	260575	472311	29.12%	4.665%
9	9.383	1106	1114	1126	rVB	226102	410214	25.29%	4.051%
10	11.034	1387	1395	1402	rBV	222011	408241	25.17%	4.032%
11	13.449	1797	1806	1814	rBV	526391	830419	51.20%	8.201%
12	14.265	1937	1945	1951	rBV	75512	117258	7.23%	1.158%
13	14.824	2033	2040	2048	rVB2	318271	522392	32.21%	5.159%
14	15.634	2174	2178	2182	rVB	19094	24274	1.50%	0.240%
15	16.304	2286	2292	2302	rBV	362523	559662	34.51%	5.527%
16	16.492	2320	2324	2328	rBV	23603	34945	2.15%	0.345%
17	17.285	2454	2459	2463	rBV	18861	28443	1.75%	0.281%
18	17.562	2499	2506	2511	rBV	368269	592681	36.54%	5.853%
19	17.603	2511	2513	2519	rVB	62432	76853	4.74%	0.759%
20	18.478	2658	2662	2668	rVB3	16422	24119	1.49%	0.238%
21	18.625	2682	2687	2691	rBV3	18624	34496	2.13%	0.341%
22	19.595	2847	2852	2857	rBV	160778	240605	14.84%	2.376%
23	19.959	2910	2914	2920	rVB	137118	203813	12.57%	2.013%
24	20.141	2940	2945	2951	rBV	673998	926999	57.16%	9.155%
25	21.439	3163	3166	3172	rVB3	56412	79316	4.89%	0.783%
26	21.833	3227	3233	3239	rBV2	355718	711123	43.85%	7.023%

Sum of corrected areas: 10125606

LSC Report - Integrated Chromatogram

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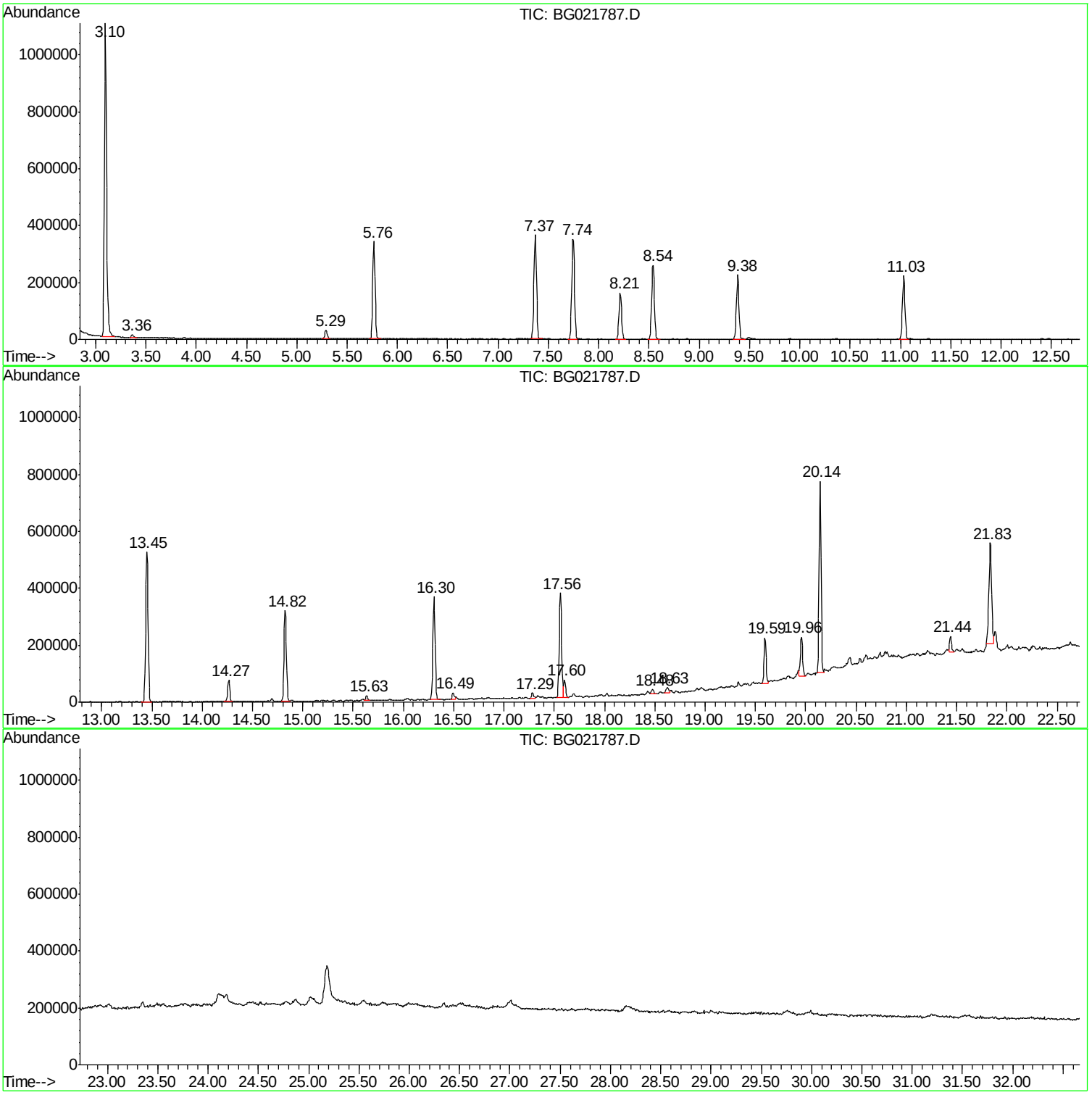
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-B-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021787.D
Acq On : 20 Apr 2016 16:24
Operator : UM/SJ
Sample : H2413-02 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2-B-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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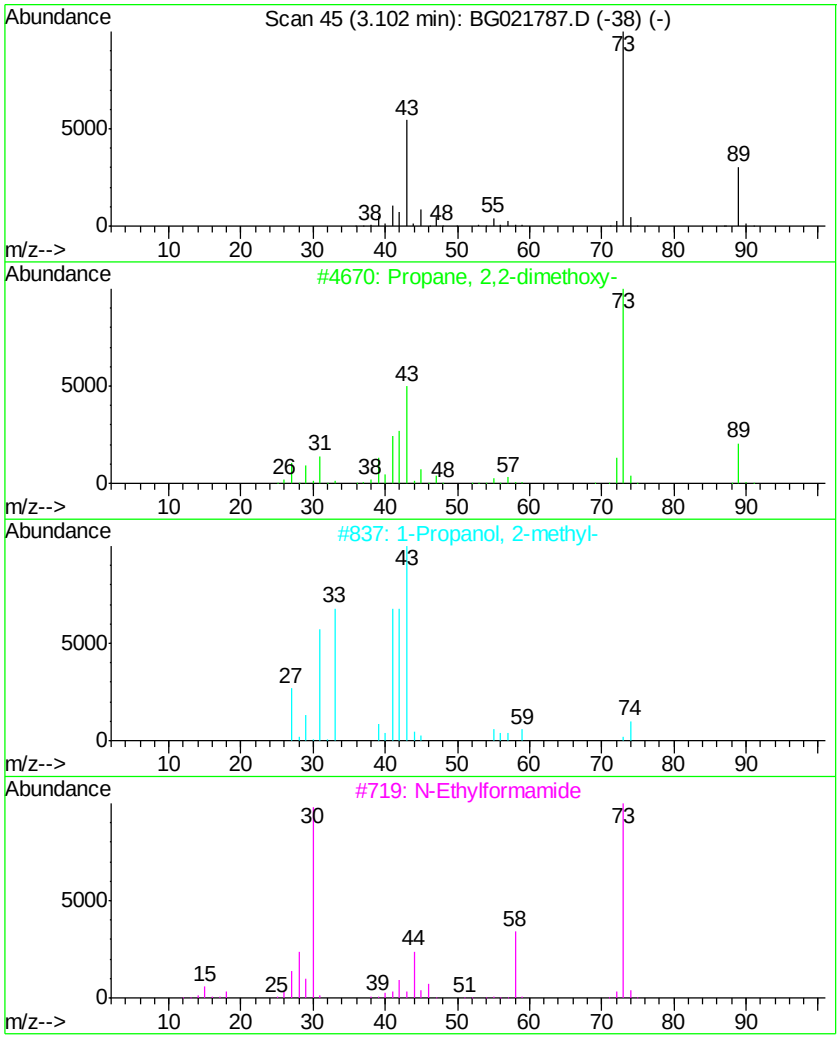
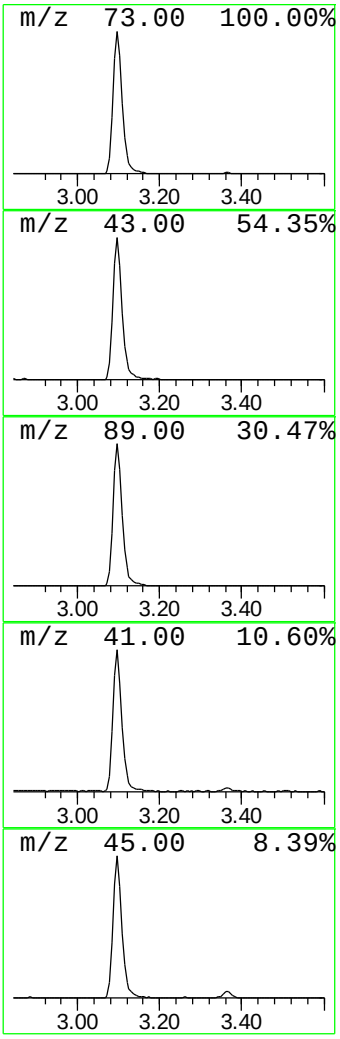
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	115.86 ng	1621830	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	64
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021787.D
Acq On : 20 Apr 2016 16:24
Operator : UM/SJ
Sample : H2413-02 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2-B-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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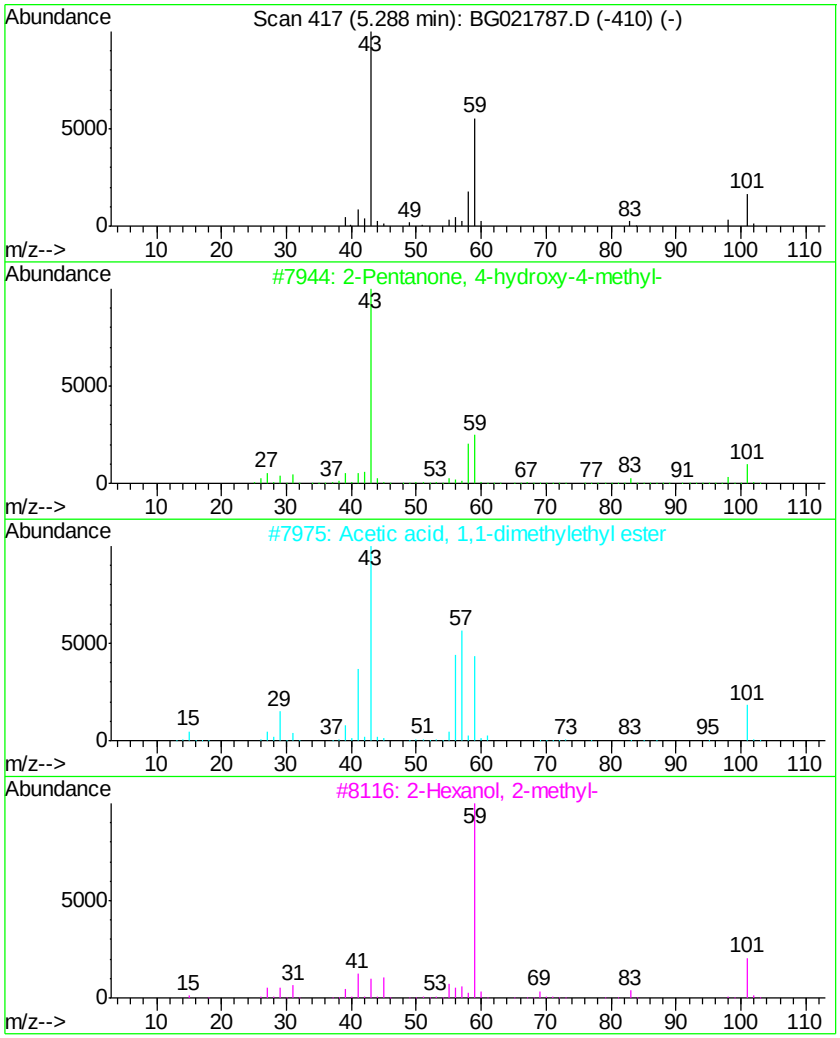
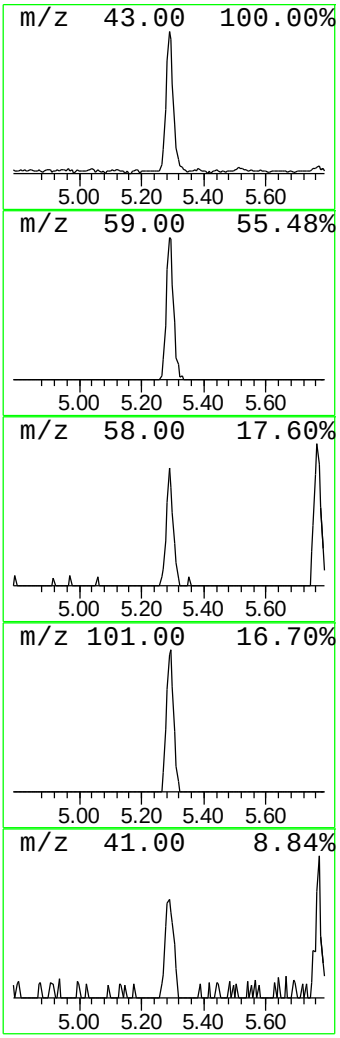
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	3.51 ng	49112	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Operator : UM/SJ
Sample : H2413-02 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2-B-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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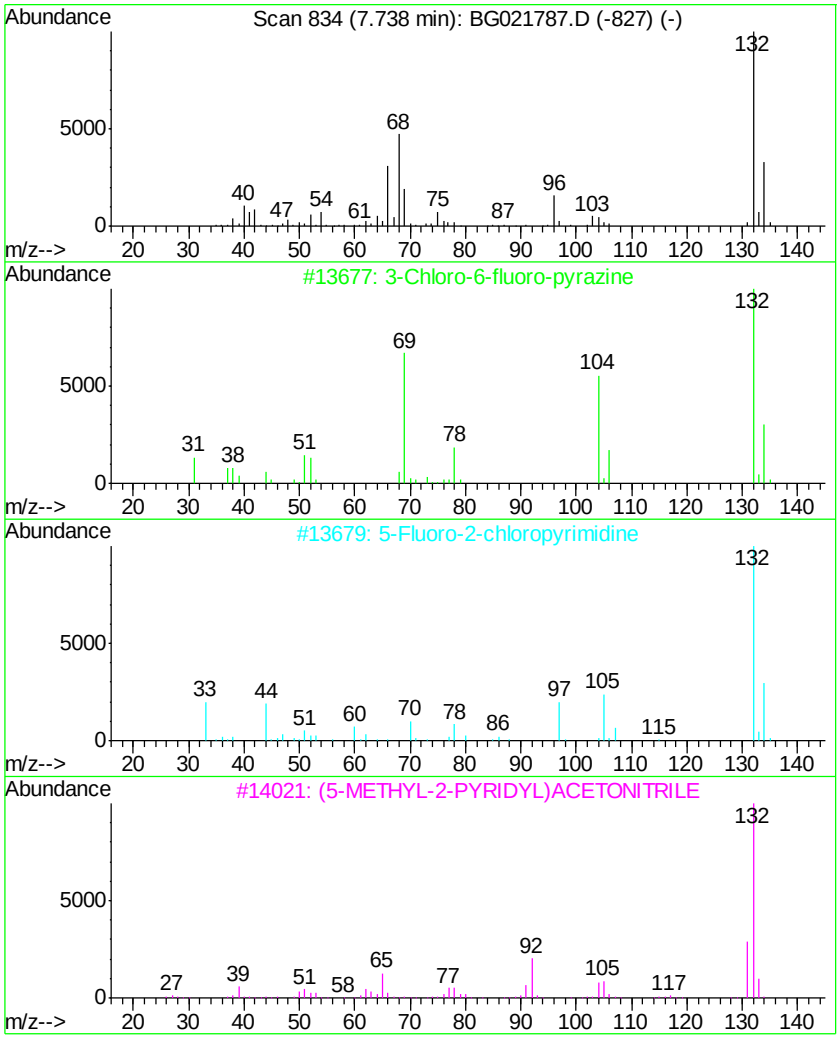
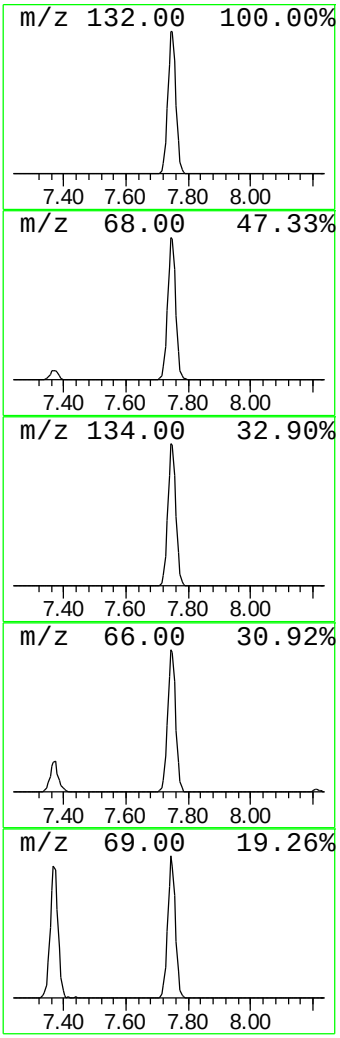
Peak Number 3 unknown7.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	45.58 ng	637971	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2-B-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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TIC Library : C:\DATABASE\NIST02.L
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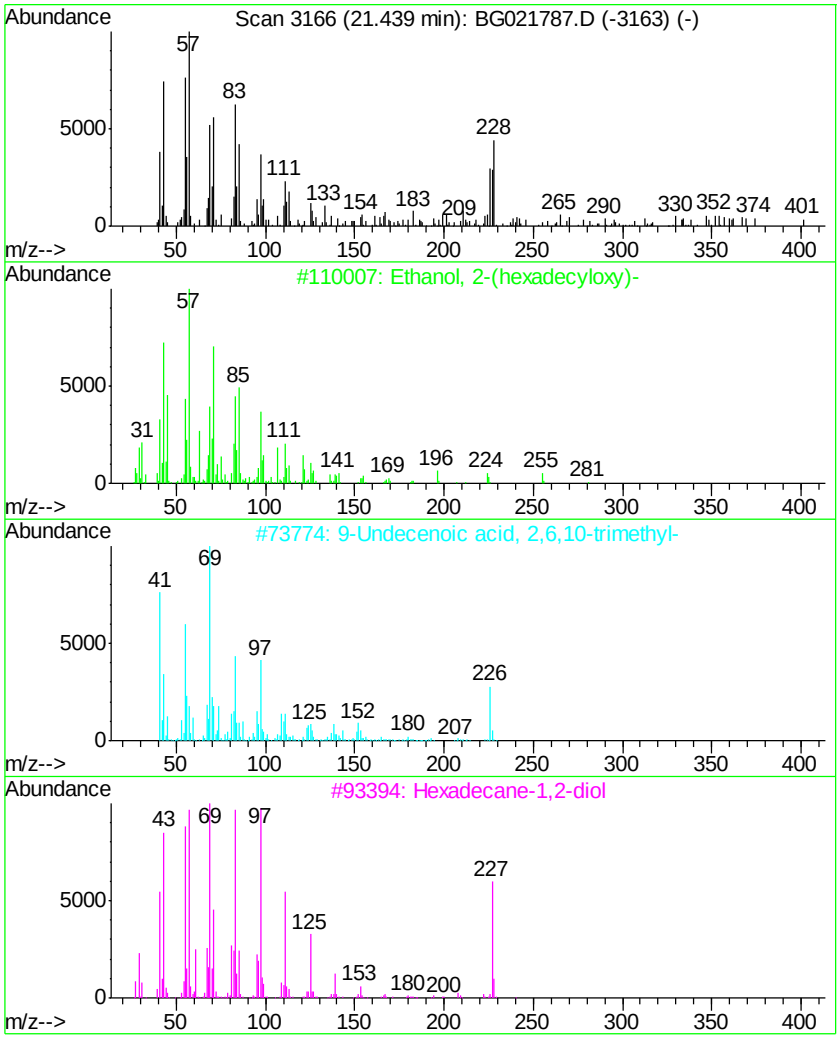
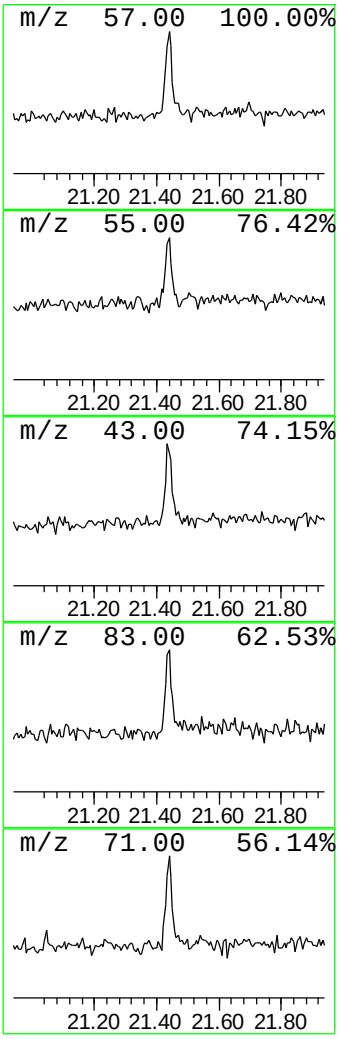
Peak Number 5 unknown21.44 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	2.23 ng	79316	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	30
2	9-Undecenoic acid, 2,6,10-trimet...	226	C14H26O2	1000131-86-2	30
3	Hexadecane-1,2-diol	258	C16H34O2	006920-24-7	27
4	Pentadecane	212	C15H32	000629-62-9	25
5	1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042116\
Data File : BG021787.D
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Instrument : BNA_G
ClientSampleId : SP-2-B-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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, 2,2-dime...	3.10	115.9	ng	1621830	1	8.21	279963	20.0
2-Pentanone, 4-hy...	5.29	3.5	ng	49112	1	8.21	279963	20.0
unknown7.74	7.74	45.6	ng	637971	1	8.21	279963	20.0
unknown21.44	21.44	2.2	ng	79316	5	21.84	711123	20.0