LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021046.D
Acq On : 24 Feb 2016 4:34
Operator : UM/SJ
Sample : H1551-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-06

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-BG022316.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	3.061	33	38	52	rBV	282806	382338	100.00%	21.542%
2	3.207	57	63	69	rVB4	2916	5126	1.34%	0.289%
3	5.293	413	418	424	rBB	13436	19839	5.19%	1.118%
4	5.786	496	502	509	rBB	57704	91189	23.85%	5.138%
5	7.408	772	778	786	rBB	74551	123031	32.18%	6.932%
6	7.754	831	837	844	rBB	70522	114604	29.97%	6.457%
7	8.207	908	914	919	rBB	15582	23806	6.23%	1.341%
8	8.536	963	970	976	rBB	49405	83324	21.79%	4.695%
9	9.387	1108	1115	1122	rBB	48062	80366	21.02%	4.528%
10	11.026	1387	1394	1401	rBB	27480	47688	12.47%	2.687%
11	13.447	1799	1806	1812	rBB	138897	204180	53.40%	11.504%
12	14.269	1941	1946	1952	rBB	16767	23082	6.04%	1.301%
13	14.663	2010	2013	2017	rBB	4105	4673	1.22%	0.263%
14	14.815	2034	2039	2045	rBB2	44112	67186	17.57%	3.785%
15	15.608	2170	2174	2177	rBB	5934	6917	1.81%	0.390%
16	16.302	2287	2292	2298	rBB2	101487	142201	37.19%	8.012%
17	16.466	2316	2320	2328	rBB	5150	8003	2.09%	0.451%
18	17.553	2500	2505	2510	rBV	45451	64668	16.91%	3.644%
19	20.132	2939	2944	2949	rBV	158651	194867	50.97%	10.979%
20	20.801	3054	3058	3061	rBV4	2593	3883	1.02%	0.219%
21	21.818	3225	3231	3237	rVB	28225	45743	11.96%	2.577%
22	25.137	3784	3796	3805	rBV2	13197	38126	9.97%	2.148%

Sum of corrected areas: 1774840

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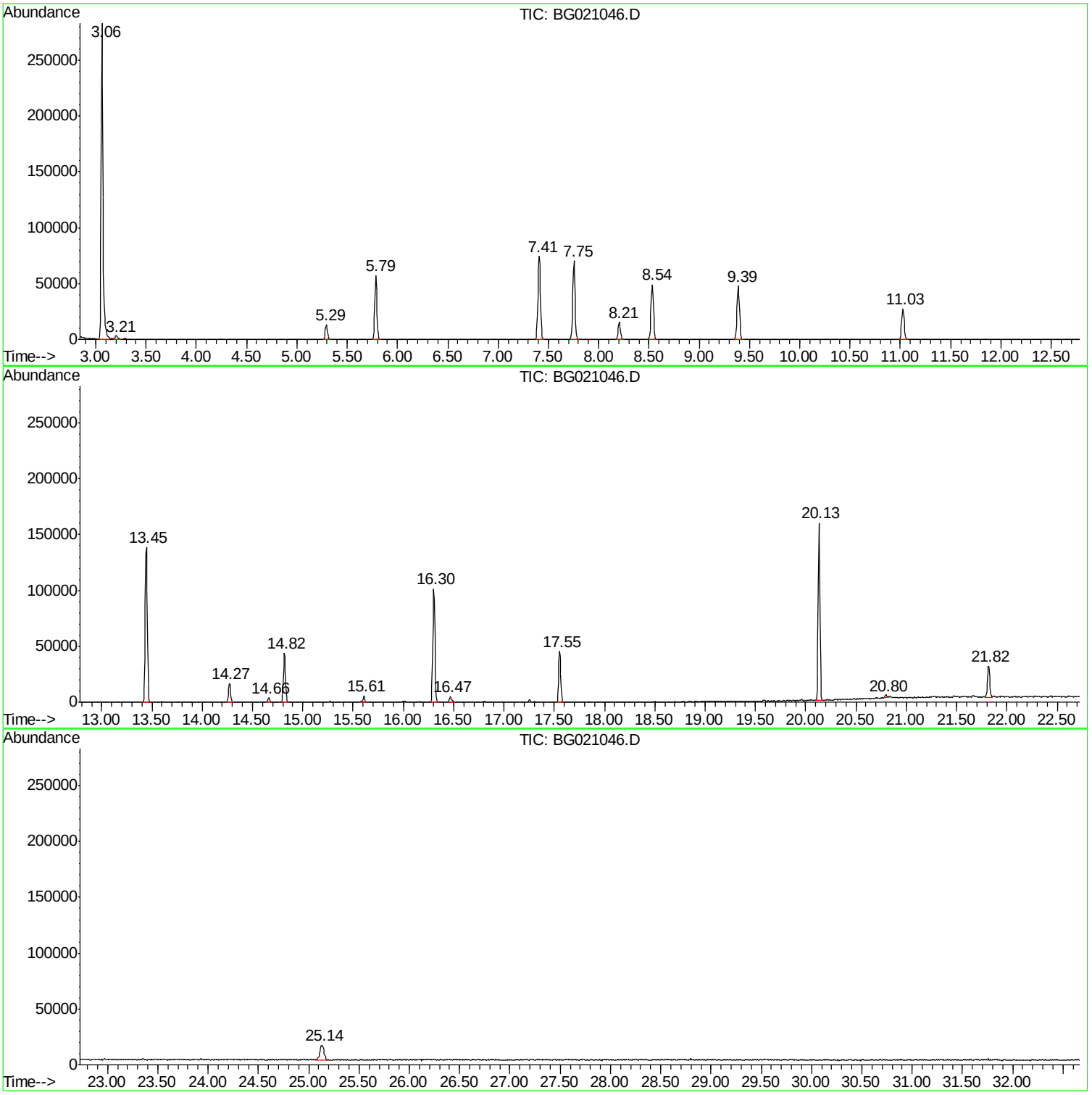
P-06

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.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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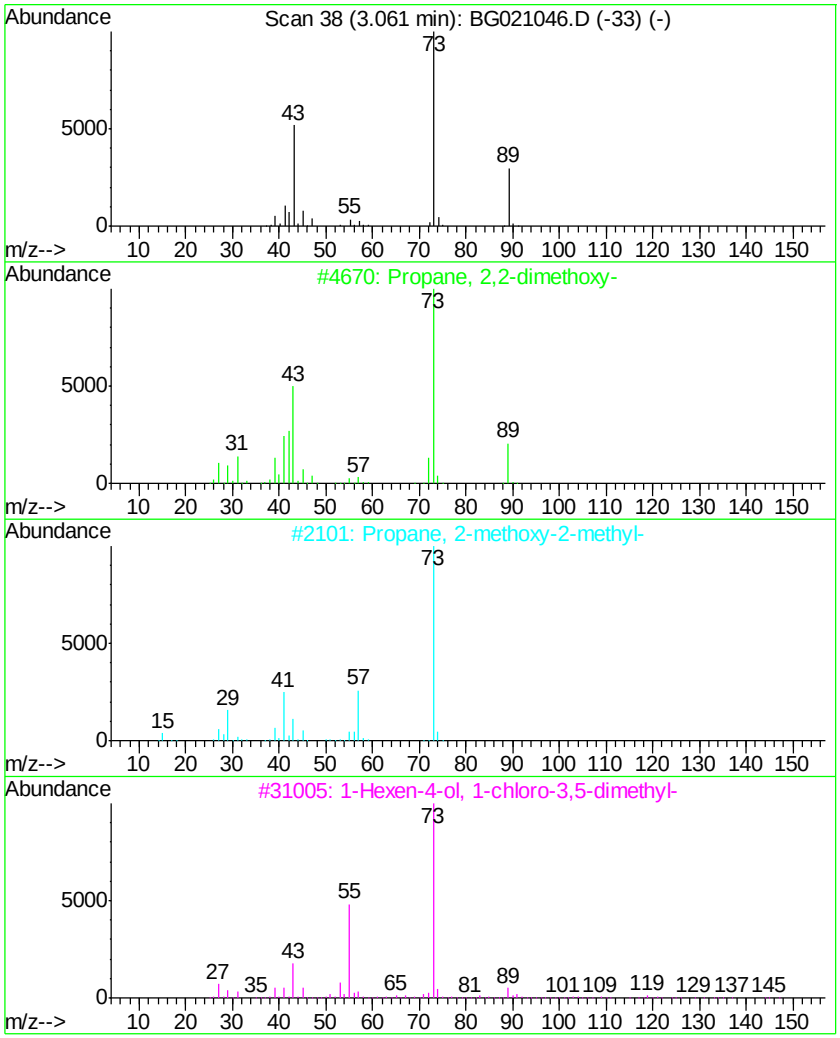
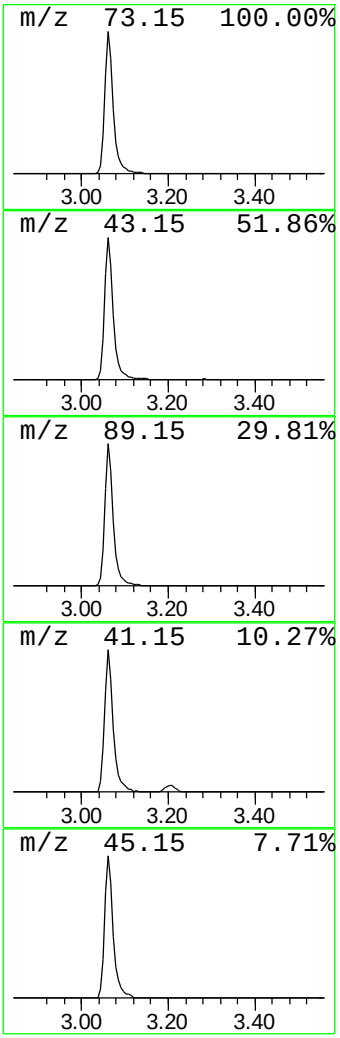
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	321.21 ng	382338	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	56
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	7
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





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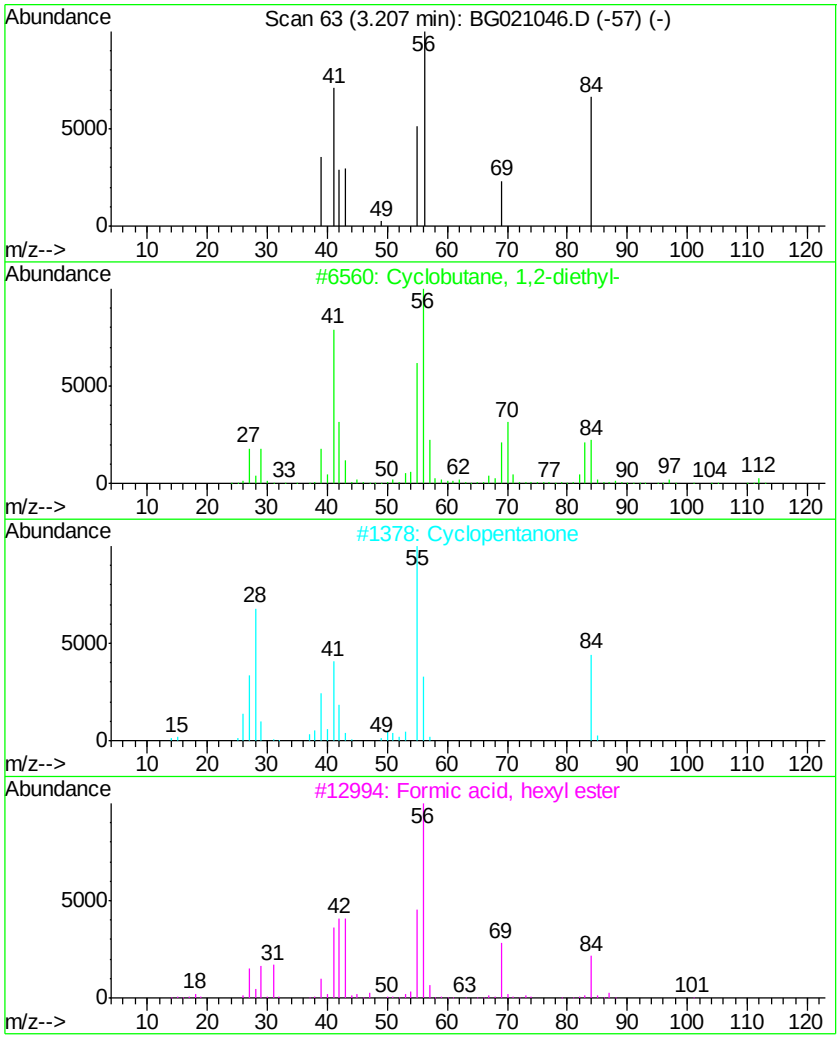
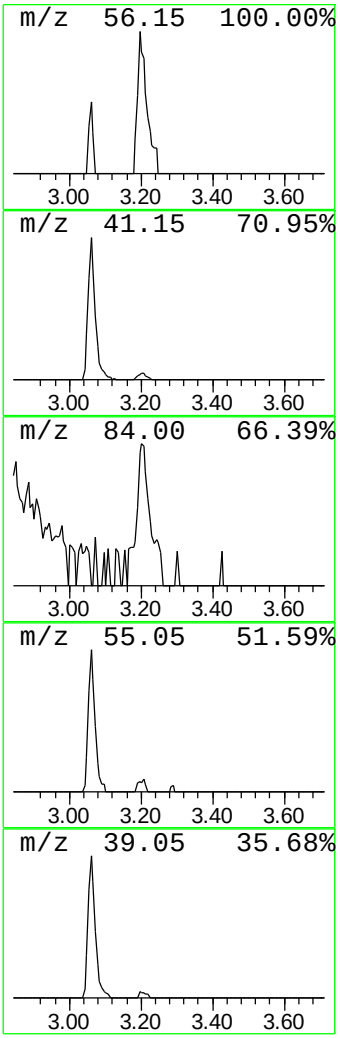
Peak Number 2 unknown3.21 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	4.31 ng	5126	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 1,2-diethyl-	112	C8H16	061141-83-1	39
2	Cyclopentanone	84	C5H8O	000120-92-3	9
3	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	9
4	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	9
5	3-Hexene, (Z)-	84	C6H12	007642-09-3	9





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ClientSampleId : P-06

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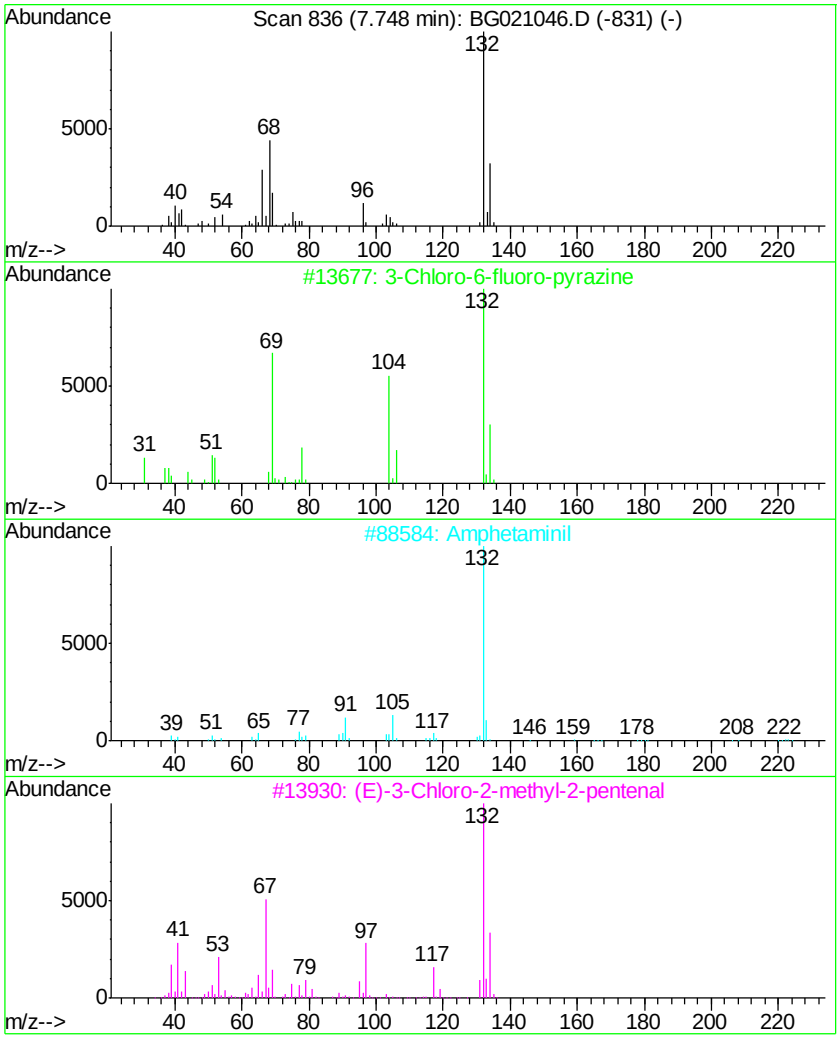
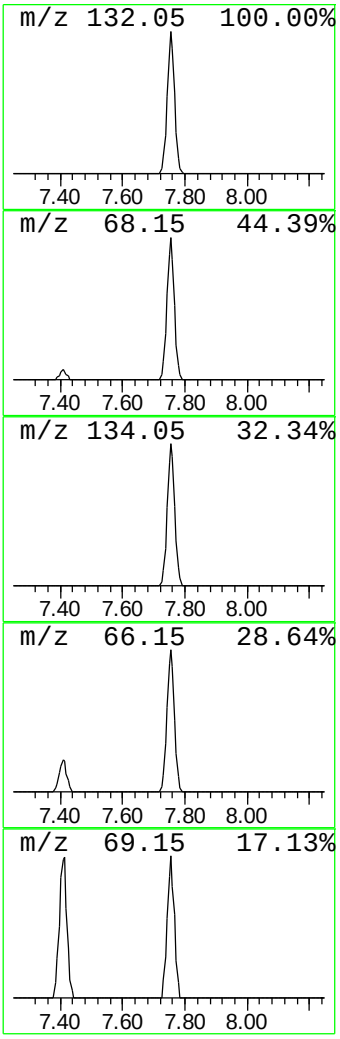
Peak Number 4 unknown7.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	96.28 ng	114604	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	Amphetaminil	250	C17H18N2	017590-01-1	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-06

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
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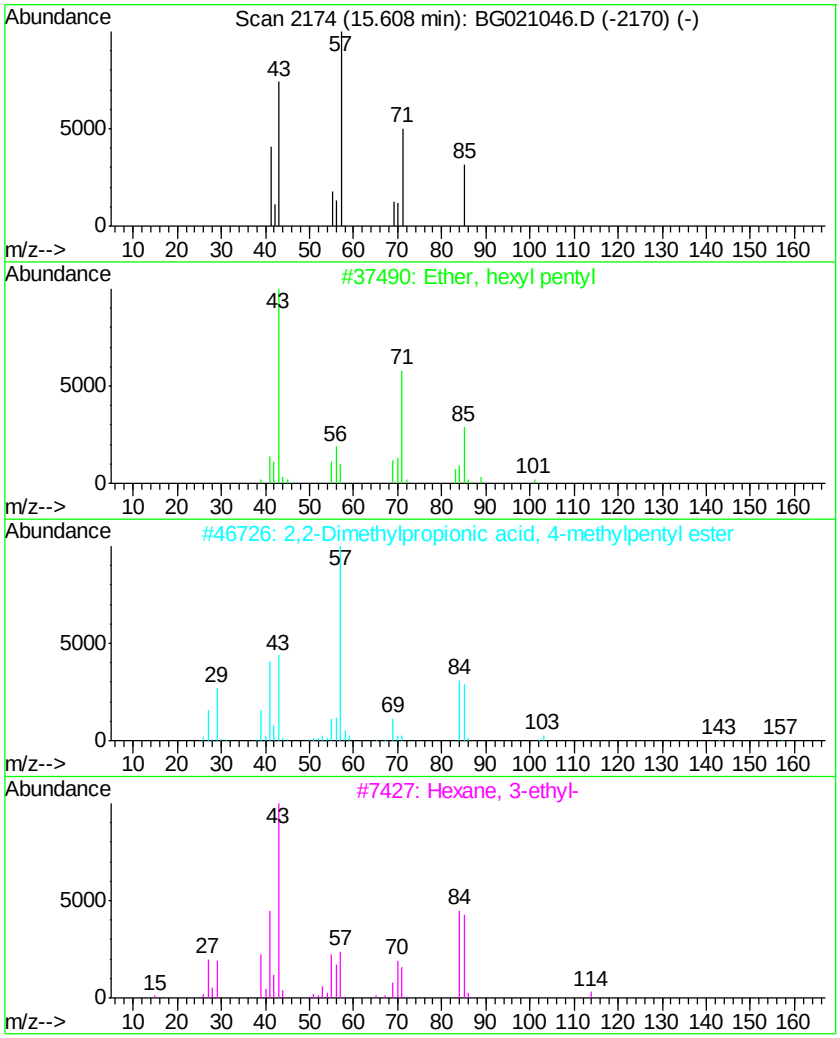
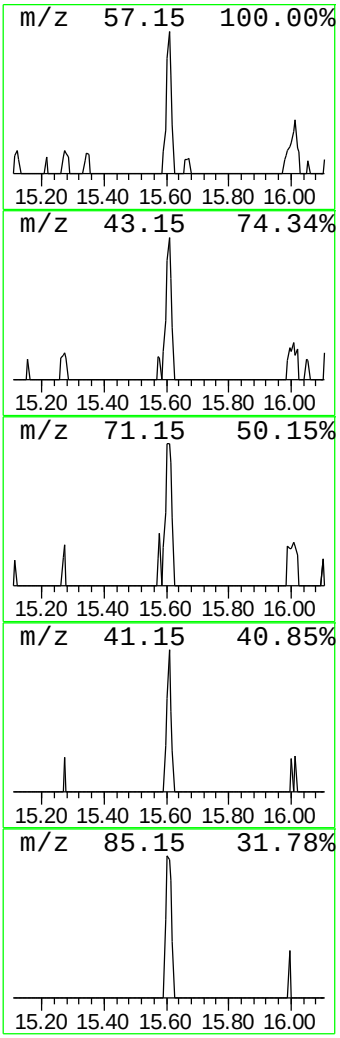
Peak Number 6 Ether, hexyl pentyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	2.06 ng	6917	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, hexyl pentyl	172	C11H24O	032357-83-8	56
2	2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	38
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	38
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	28
5	Hydroxylamine, O-(3-methylbutyl)-	103	C5H13NO	019411-65-5	9





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Instrument : BNA_G
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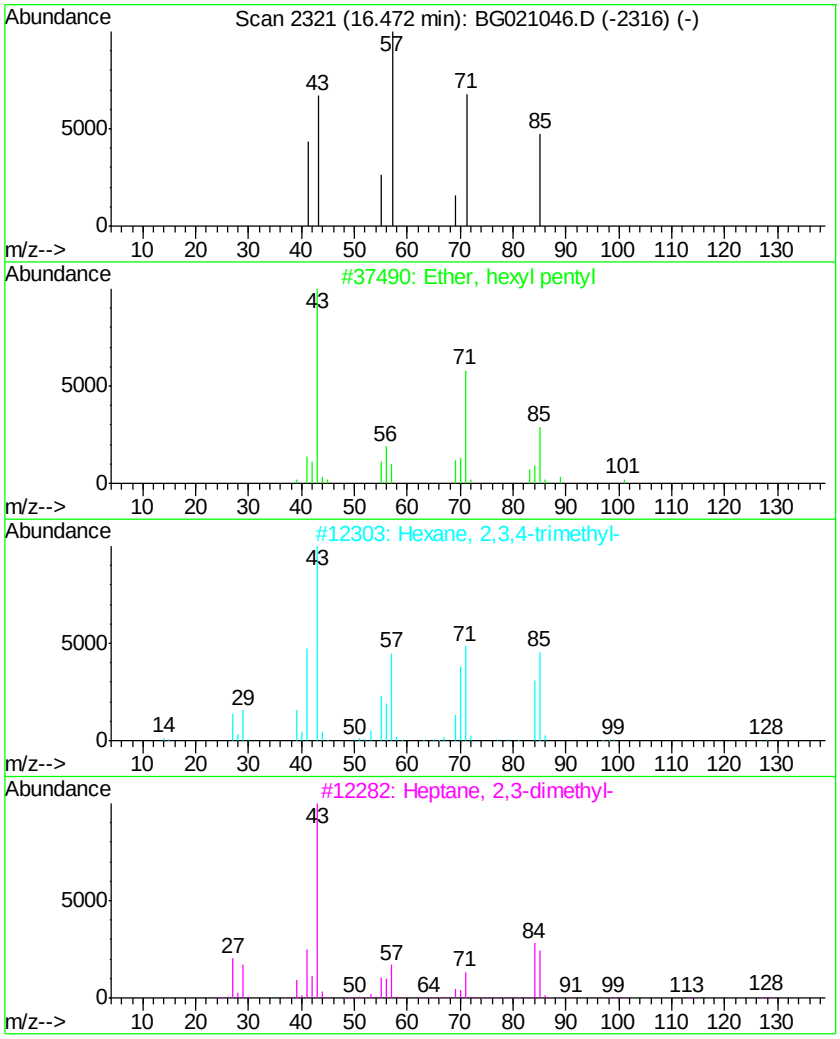
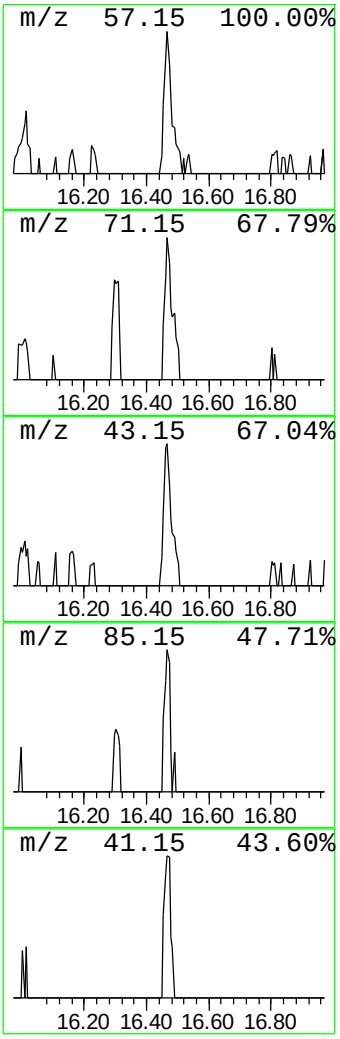
Peak Number 7 unknown16.47 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	2.48 ng	8003	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, hexyl pentyl	172	C11H24O	032357-83-8	36
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	33
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	9
4	Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	9
5	2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	9





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
Propane, 2,2-dime...	3.06	321.2	ng	382338	1	8.21	23806	20.0
unknown3.21	3.21	4.3	ng	5126	1	8.21	23806	20.0
unknown7.75	7.75	96.3	ng	114604	1	8.21	23806	20.0
Ether, hexyl pentyl	15.61	2.1	ng	6917	3	14.82	67186	20.0
unknown16.47	16.47	2.5	ng	8003	4	17.55	64668	20.0