LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021234.D
Acq On : 3 Mar 2016 6:46
Operator : UM/SJ
Sample : H1640-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOUTH-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-BG022916.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	3.043	30	35	53	rBV	966533	1313941	100.00%	18.646%
2	5.223	399	406	414	rBV	54712	84340	6.42%	1.197%
3	5.687	477	485	496	rBV	270632	432288	32.90%	6.135%
4	7.291	749	758	770	rBV	303075	530814	40.40%	7.533%
5	7.662	814	821	829	rBV	292777	501435	38.16%	7.116%
6	8.132	895	901	908	rBB	41831	70349	5.35%	0.998%
7	8.455	949	956	964	rBB	196640	330114	25.12%	4.685%
8	9.301	1092	1100	1110	rBB	204838	351046	26.72%	4.982%
9	9.401	1110	1117	1123	rBB2	8580	13573	1.03%	0.193%
10	10.946	1373	1380	1388	rBB	70775	121343	9.24%	1.722%
11	13.373	1787	1793	1803	rVB	468519	723156	55.04%	10.262%
12	14.195	1927	1933	1939	rBV	111528	152104	11.58%	2.158%
13	14.747	2021	2027	2035	rBB2	103703	167535	12.75%	2.377%
14	15.570	2163	2167	2172	rVB	15542	18952	1.44%	0.269%
15	16.234	2273	2280	2290	rVB	375498	571464	43.49%	8.110%
16	16.428	2308	2313	2316	rBV	18794	24788	1.89%	0.352%
17	17.221	2441	2448	2453	rBV	12924	16085	1.22%	0.228%
18	17.485	2487	2493	2499	rBV	126486	185727	14.14%	2.636%
19	18.349	2636	2640	2650	rBV2	9792	17175	1.31%	0.244%
20	20.082	2929	2935	2940	rBV	770383	989147	75.28%	14.037%
21	21.375	3151	3155	3162	rVB6	14212	23513	1.79%	0.334%
22	21.751	3213	3219	3228	rBV	133252	221018	16.82%	3.136%
23	25.024	3768	3776	3786	rVB2	66219	186920	14.23%	2.653%

Sum of corrected areas: 7046827

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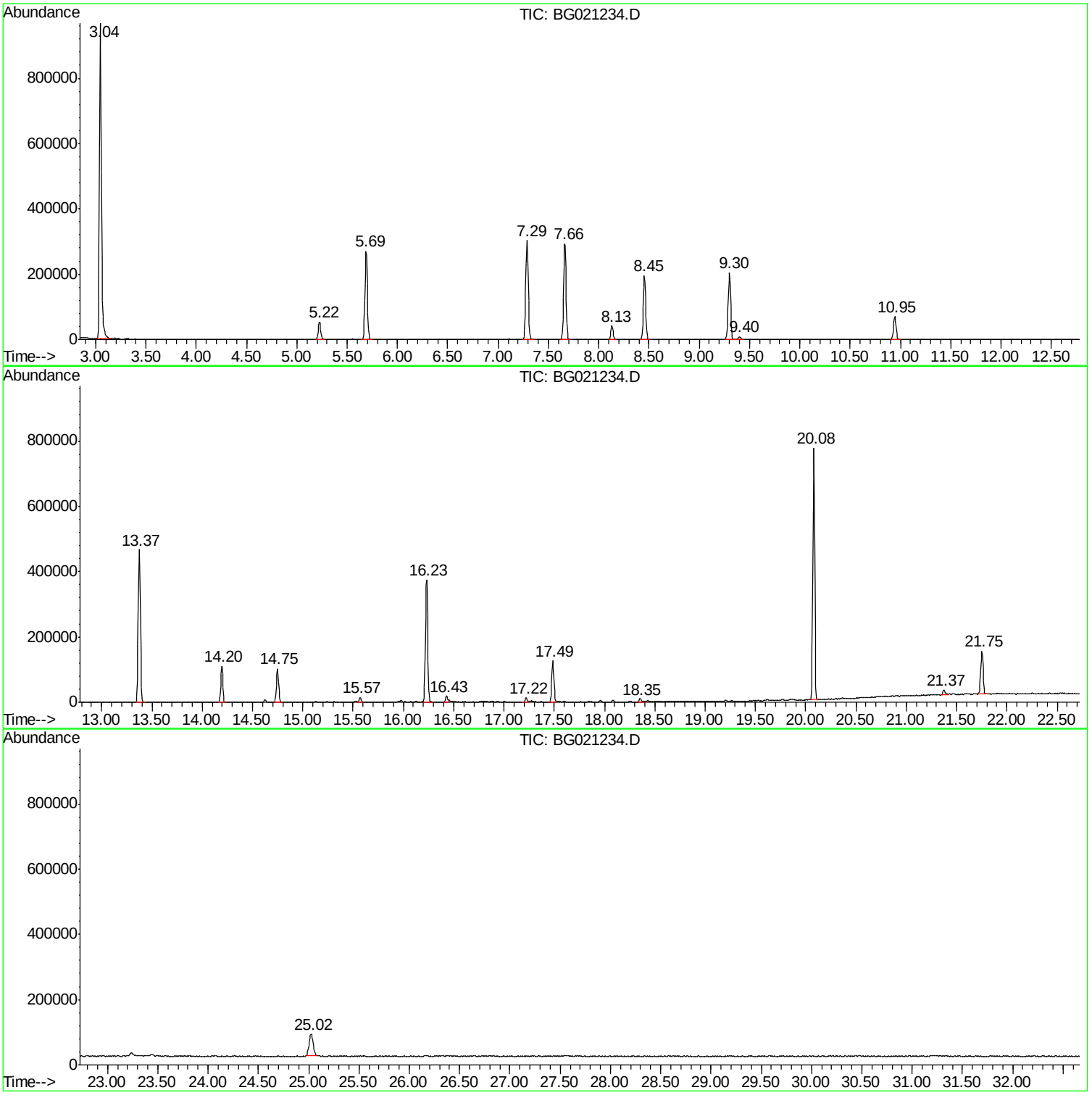
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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

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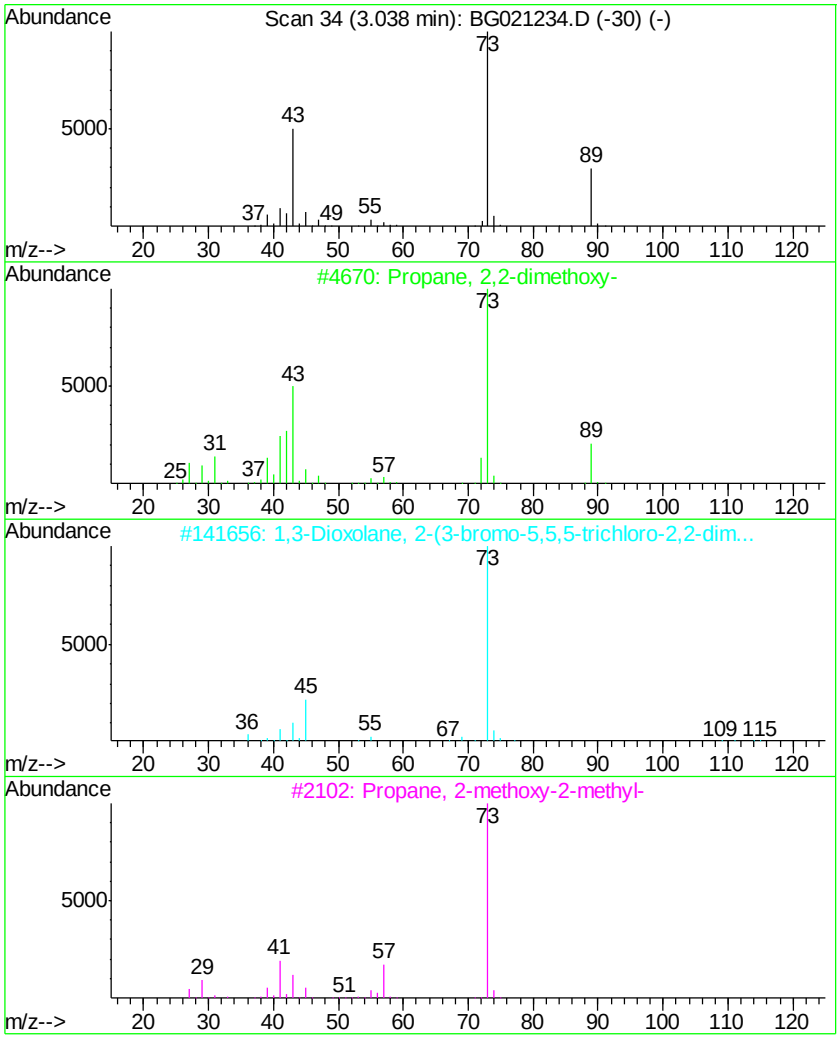
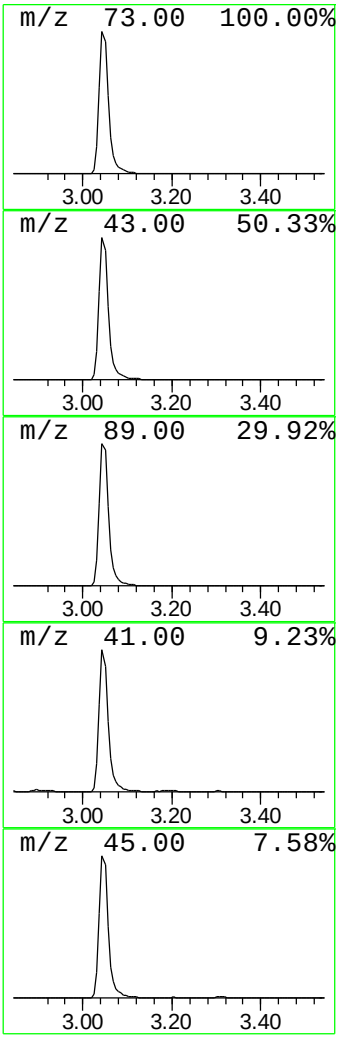
Peak Number 1 unknown3.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	373.55 ng	1313940	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





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Sample : H1640-11
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Instrument : BNA_G
ClientSampleId : SOUTH-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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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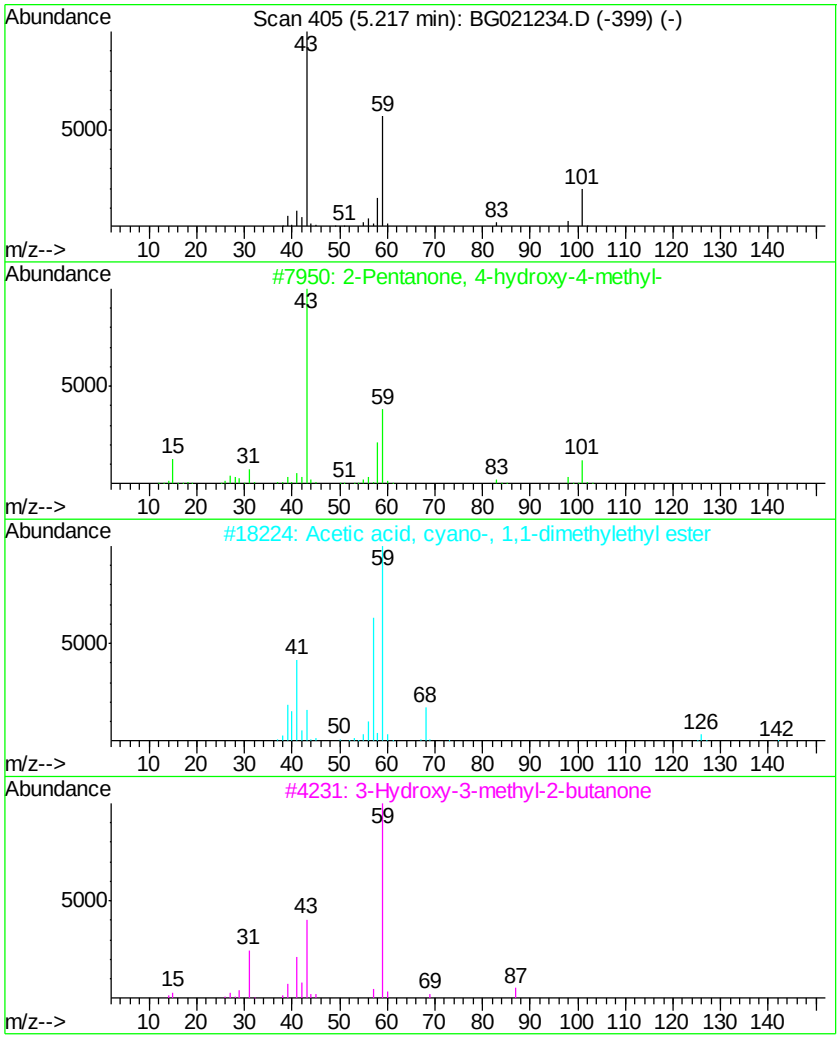
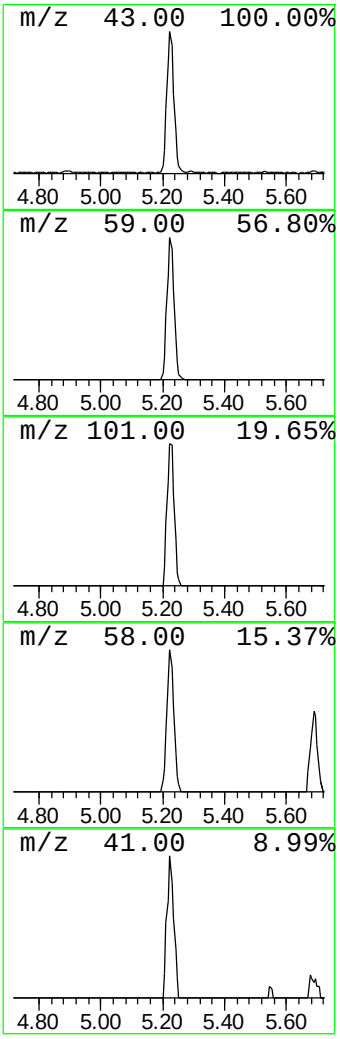
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	23.98 ng	84340	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Sample : H1640-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOUTH-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
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TIC Library : C:\DATABASE\NIST02.L
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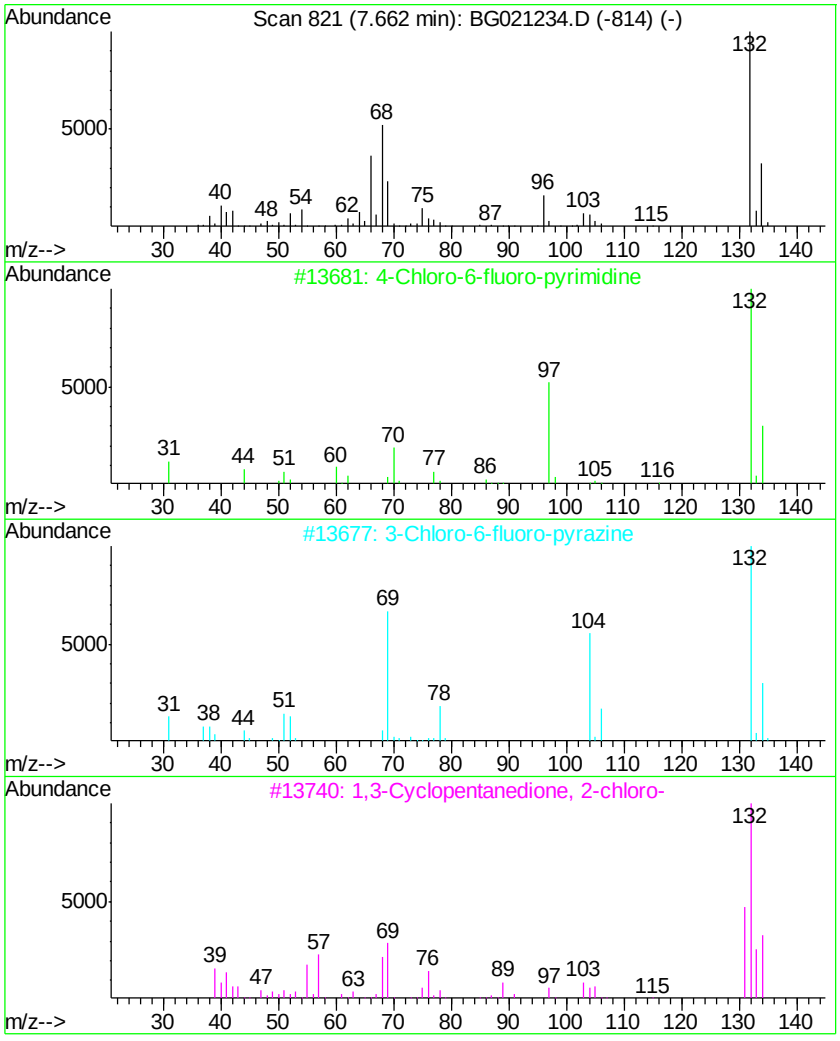
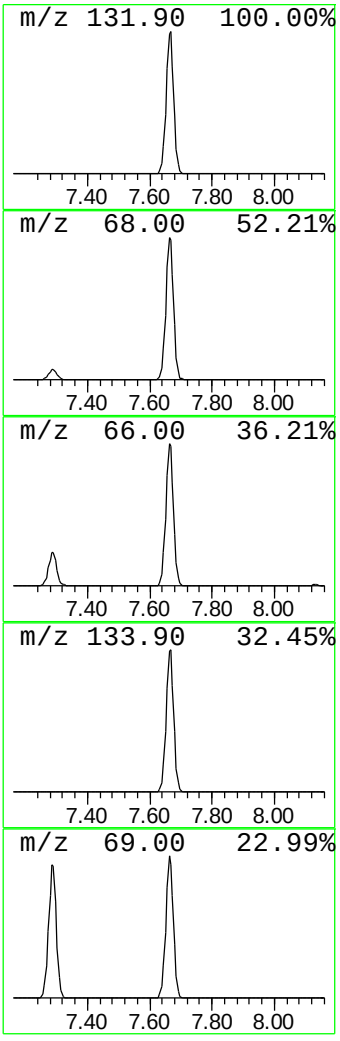
Peak Number 3 unknown7.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	142.56 ng	501435	1,4-Dichlorobenzene-d4	8.13

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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22





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Sample : H1640-11
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Instrument : BNA_G
ClientSampleId : SOUTH-2

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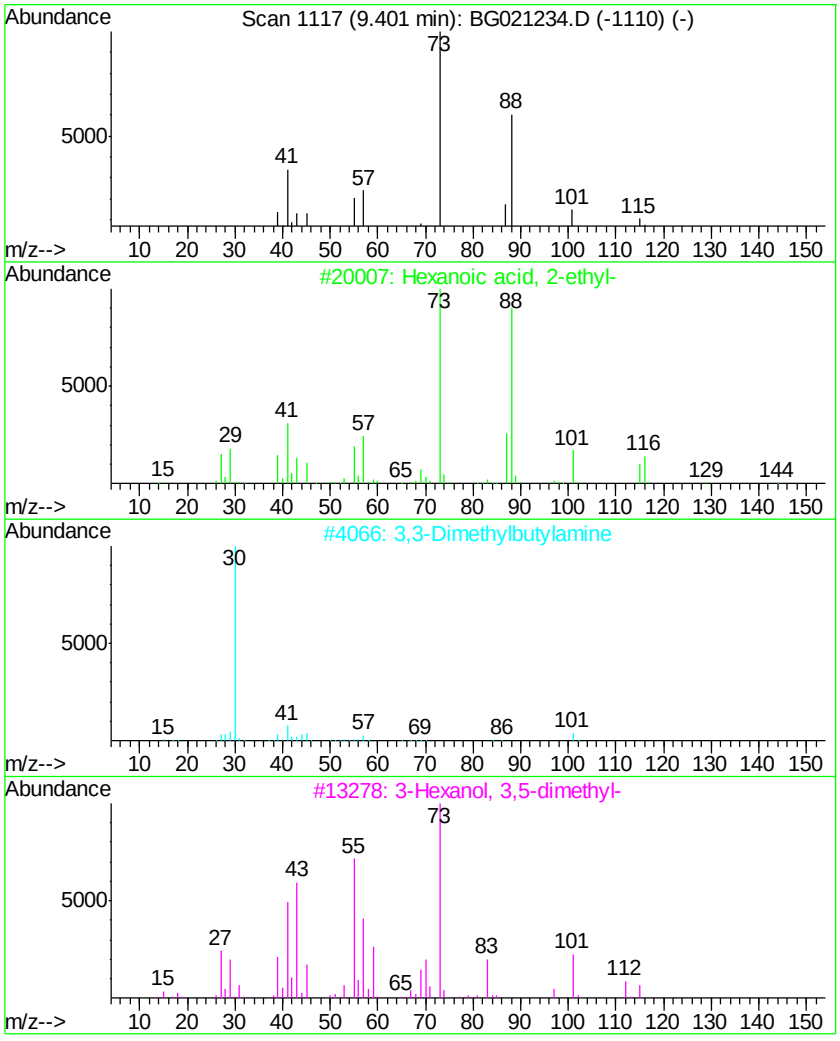
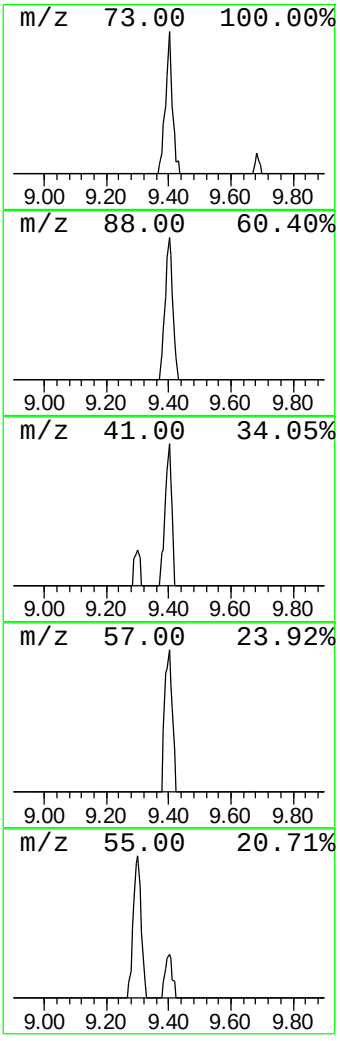
Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	3.86 ng	13573	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50
2	3,3-Dimethylbutylamine	101	C6H15N	015673-00-4	9
3	3-Hexanol, 3,5-dimethyl-	130	C8H18O	004209-91-0	9
4	Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	9
5	1-Heptanamine	115	C7H17N	000111-68-2	7





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
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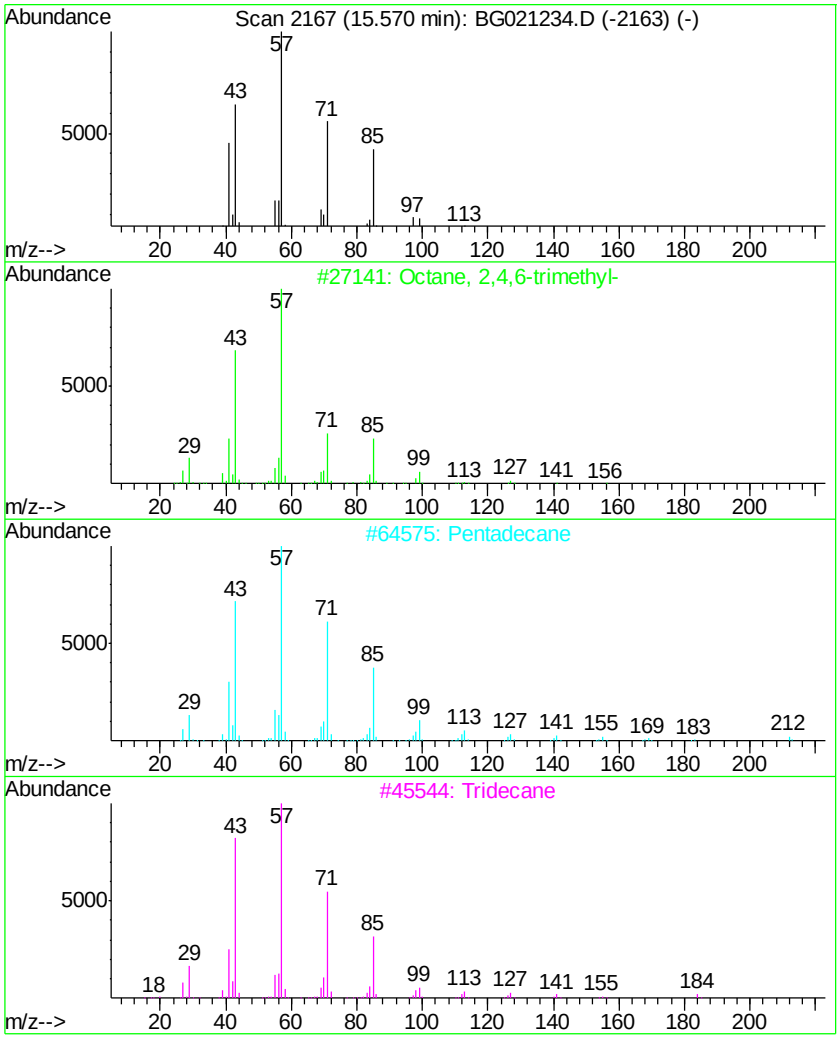
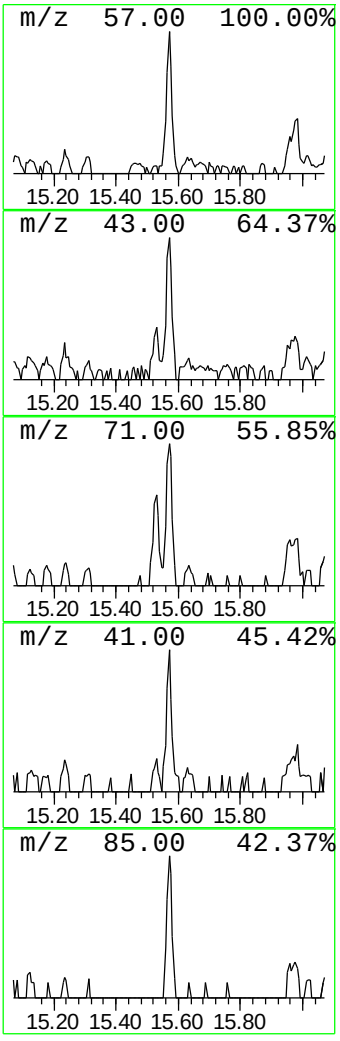
Peak Number 6 Octane, 2,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.26 ng	18952	Acenaphthene-d10	14.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	78
2	Pentadecane	212	C15H32	000629-62-9	72
3	Tridecane	184	C13H28	000629-50-5	72
4	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	72
5	Tetradecane	198	C14H30	000629-59-4	72





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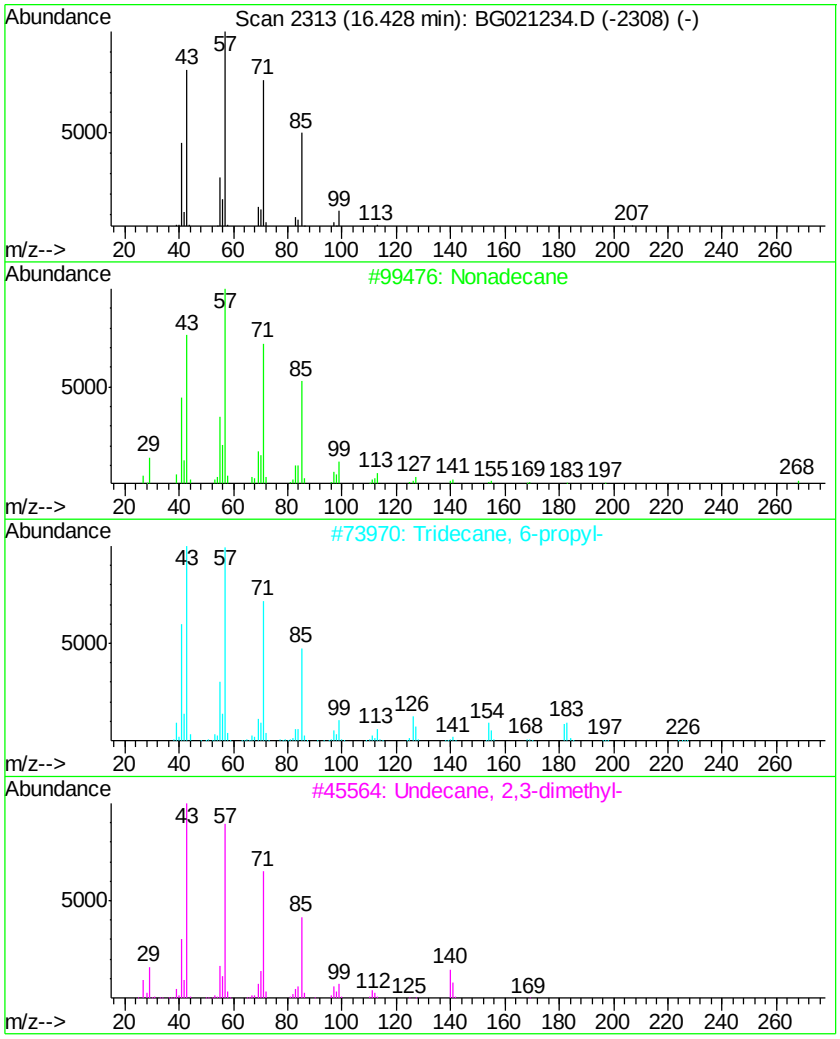
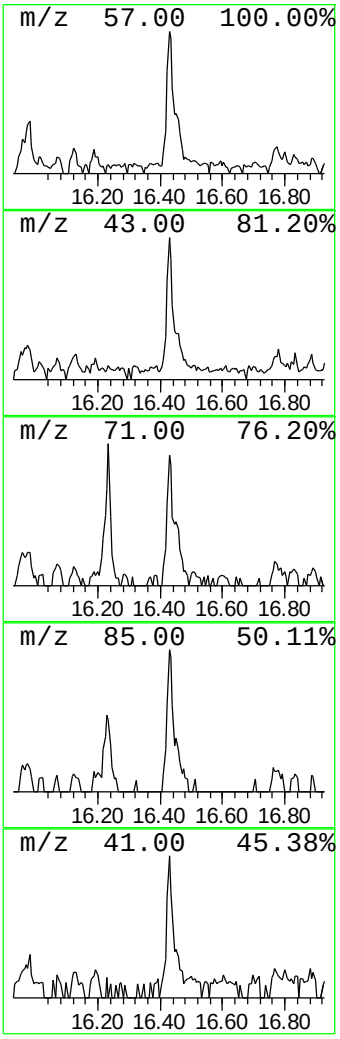
Peak Number 7 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	2.67 ng	24788	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Tetradecane	198	C14H30	000629-59-4	78





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

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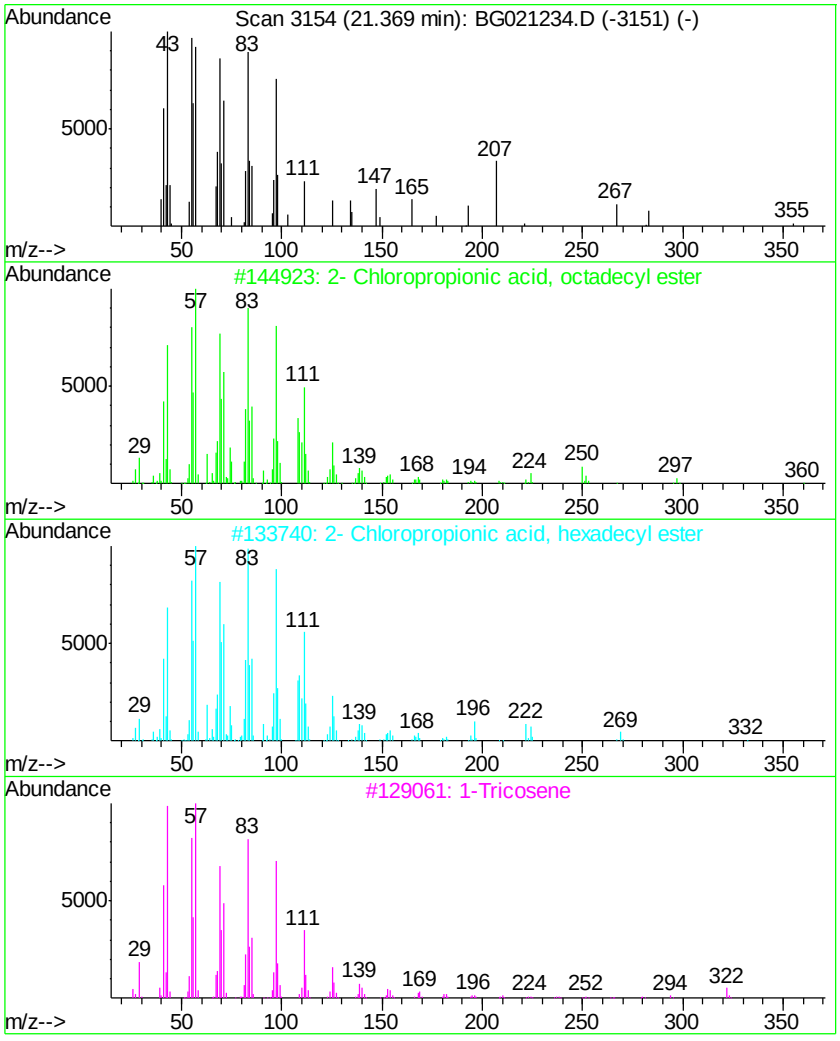
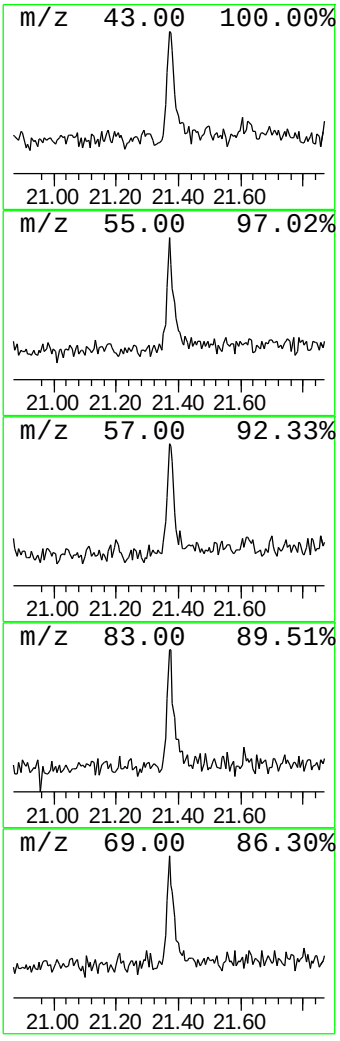
Peak Number 8 2- Chloropropionic acid, oc... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.13 ng	23513	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	74
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	74
3	1-Tricosene	322	C23H46	018835-32-0	72
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	72
5	1-Docosene	308	C22H44	001599-67-3	72





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
unknown3.04	3.04	373.6	ng	1313940	1	8.13	70349	20.0
2-Pentanone, 4-hy...	5.22	24.0	ng	84340	1	8.13	70349	20.0
unknown7.66	7.66	142.6	ng	501435	1	8.13	70349	20.0
Hexanoic acid, 2-...	9.40	3.9	ng	13573	1	8.13	70349	20.0
Octane, 2,4,6-tri...	15.57	2.3	ng	18952	3	14.75	167535	20.0
Nonadecane	16.43	2.7	ng	24788	4	17.49	185727	20.0
2- Chloropropioni...	21.37	2.1	ng	23513	5	21.75	221018	20.0