LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016974.D
Acq On : 9 May 2015 3:36
Operator : TP/IZ
Sample : G2059-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A3-SEEP

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-BG050515.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	2.916	34	39	48	rBV	356928	541646	10.32%	2.168%
2	2.993	48	52	64	rVB	662019	795276	15.16%	3.183%
3	4.908	374	378	383	rBV	37683	53105	1.01%	0.213%
4	5.372	451	457	464	rBV	639634	896889	17.09%	3.589%
5	6.958	719	727	736	rBV	491585	746027	14.22%	2.986%
6	7.323	781	789	798	rBV	1138319	1787413	34.06%	7.153%
7	7.793	862	869	878	rVB	225456	360072	6.86%	1.441%
8	8.110	916	923	931	rBV	903754	1425489	27.17%	5.705%
9	8.950	1058	1066	1074	rBV	853273	1406222	26.80%	5.628%
10	10.584	1336	1344	1351	rBV	322325	543146	10.35%	2.174%
11	13.051	1755	1764	1772	rBV	2191694	3220619	61.38%	12.889%
12	14.426	1989	1998	2008	rBV2	511407	825139	15.73%	3.302%
13	15.642	2199	2205	2210	rBV2	47032	66763	1.27%	0.267%
14	15.919	2245	2252	2264	rBV	2179028	3128277	59.62%	12.519%
15	16.101	2278	2283	2287	rVB	44303	60229	1.15%	0.241%
16	17.170	2460	2465	2472	rBV2	771545	1052861	20.07%	4.213%
17	18.069	2613	2618	2624	rBV	124537	183421	3.50%	0.734%
18	19.350	2831	2836	2844	rBV	100943	154466	2.94%	0.618%
19	19.796	2906	2912	2924	rBV	3925160	5247173	100.00%	20.999%
20	20.584	3041	3046	3052	rBV	238328	286596	5.46%	1.147%
21	21.347	3171	3176	3181	rBV	943277	1130931	21.55%	4.526%
22	23.645	3559	3567	3576	rVB	561381	1076524	20.52%	4.308%

Sum of corrected areas: 24988284

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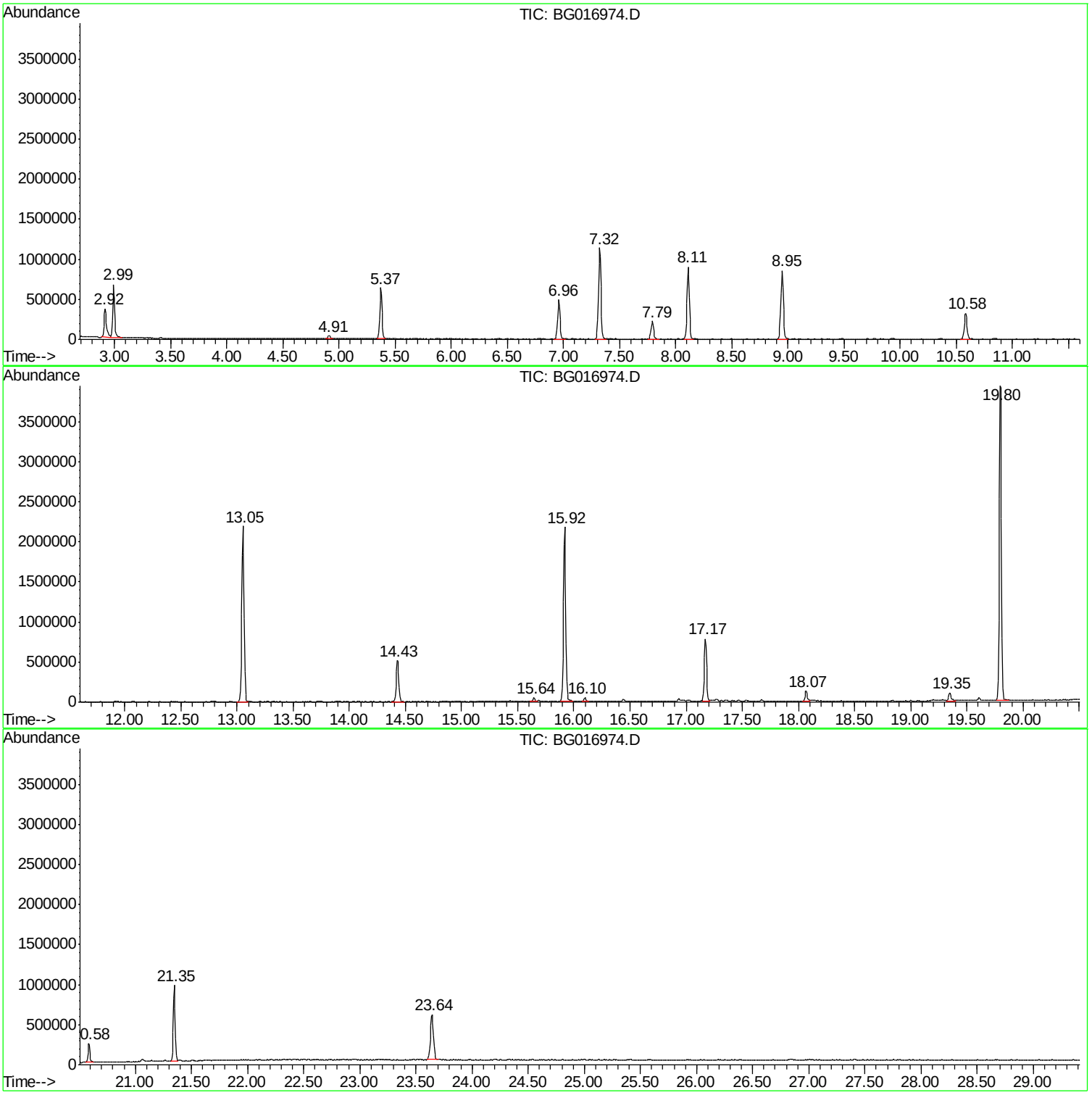
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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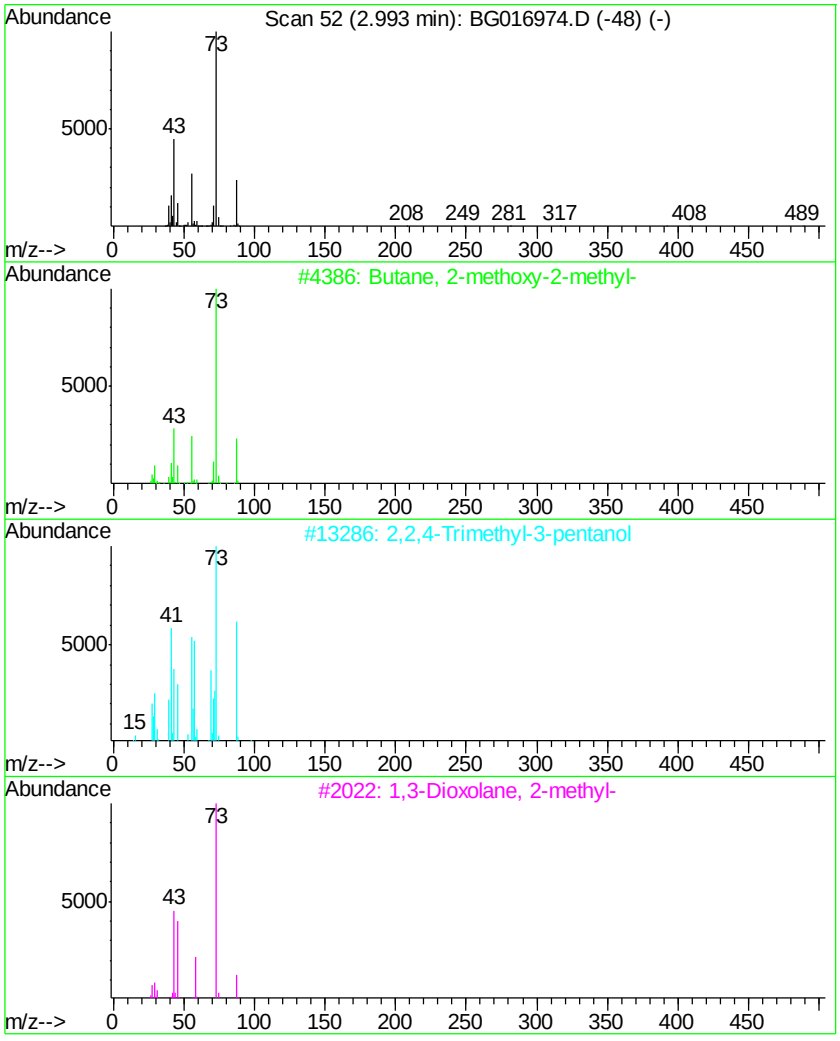
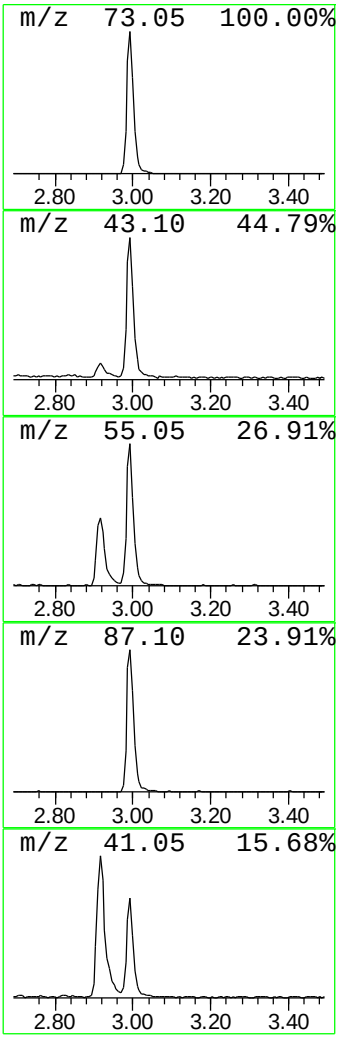
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	44.17 ng	795276	1,4-Dichlorobenzene-d4	7.79

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	50
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Instrument : BNA_G
ClientSampleId : A3-SEEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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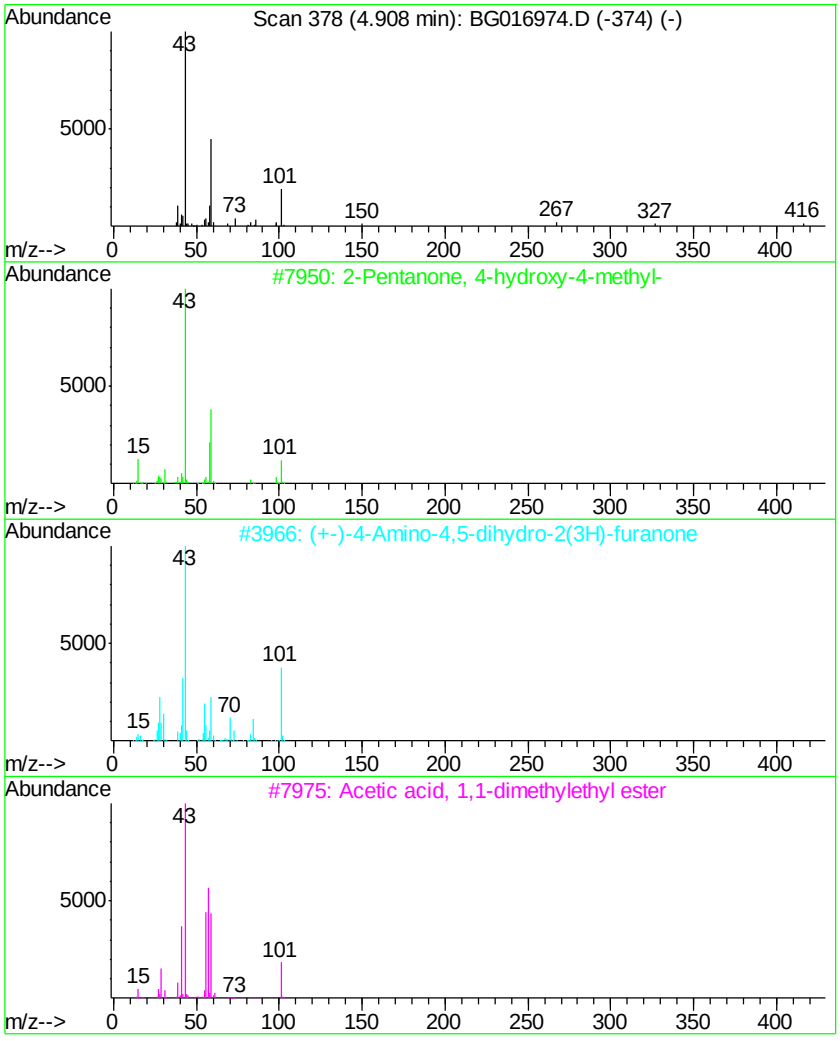
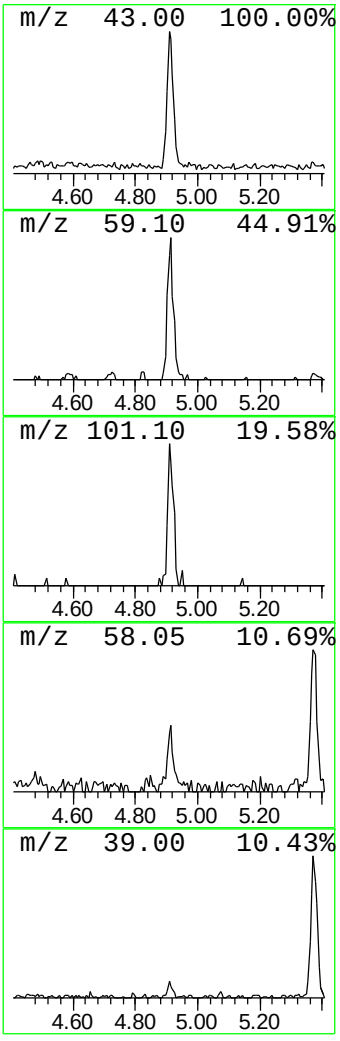
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	2.95 ng	53105	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	50
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
4	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Operator : TP/IZ
Sample : G2059-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A3-SEEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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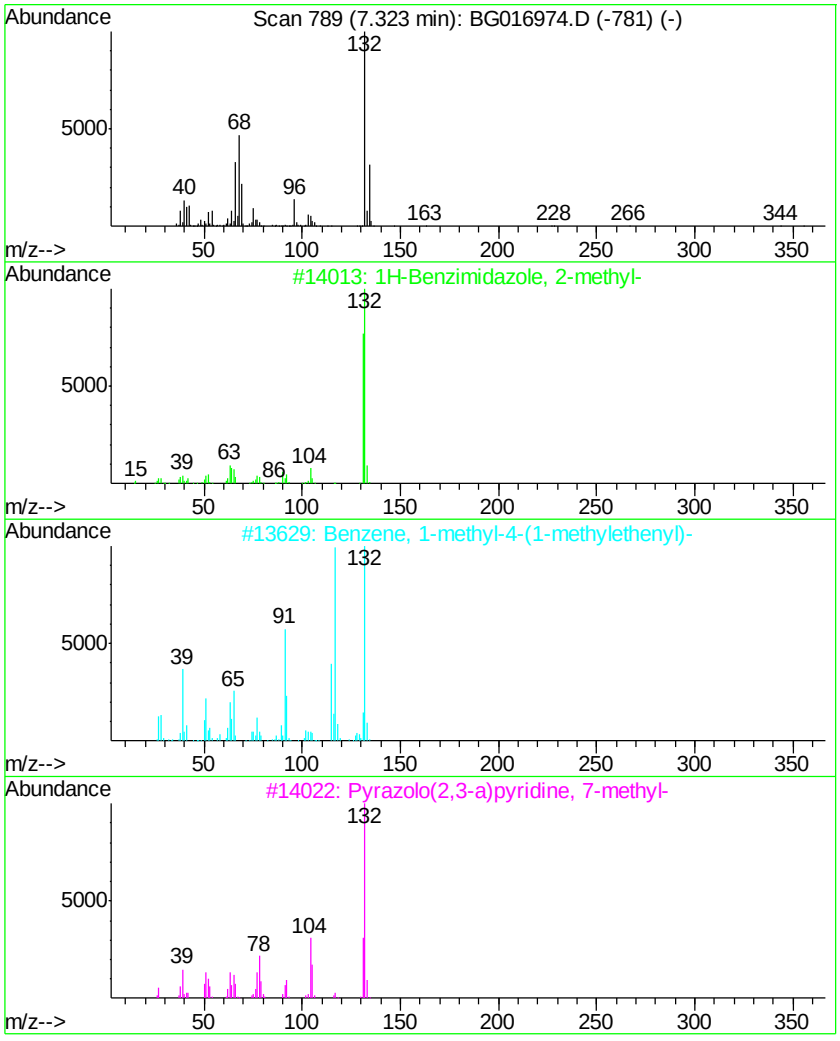
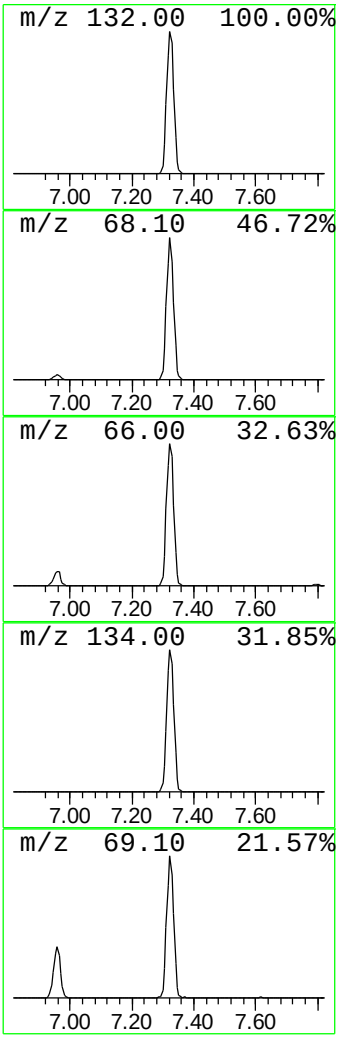
Peak Number 4 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	99.28 ng	1787410	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	10
3	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	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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Instrument : BNA_G
ClientSampleId : A3-SEEP

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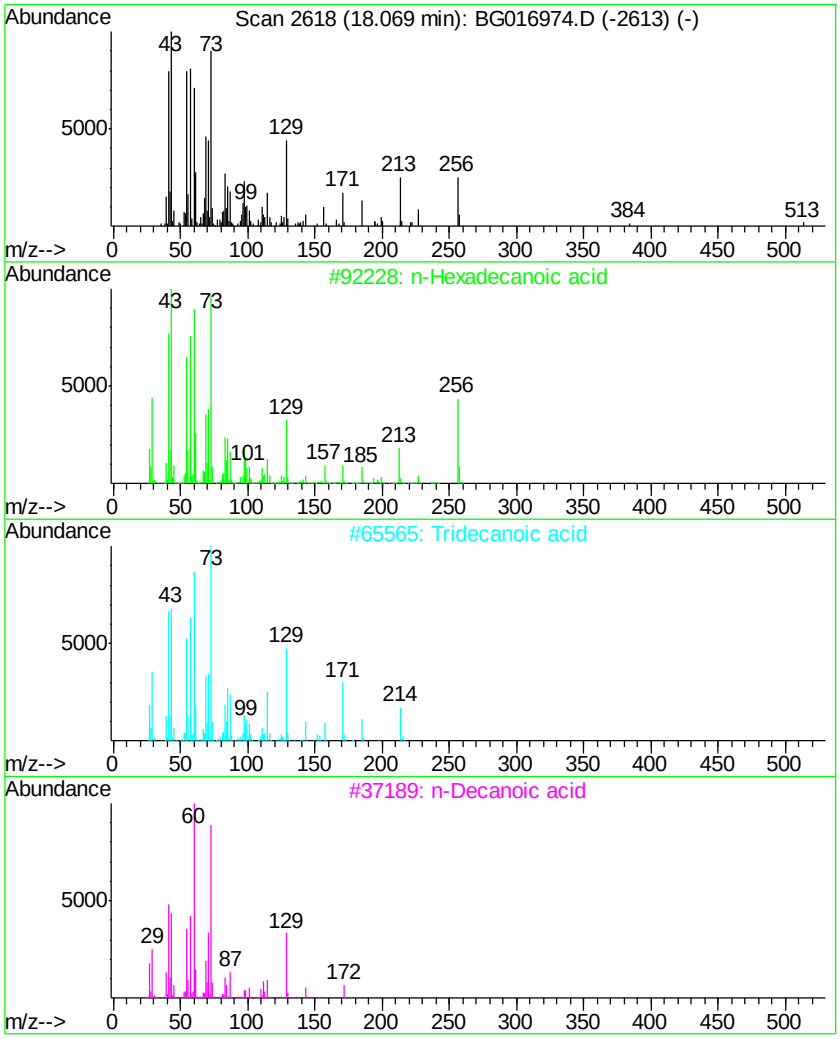
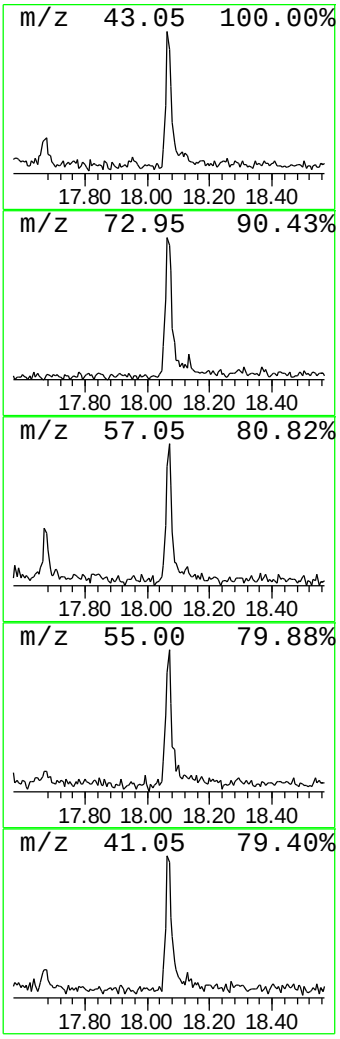
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.48 ng	183421	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	30
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	25





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Sample : G2059-05
Misc :
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Instrument : BNA_G
ClientSampleId : A3-SEEP

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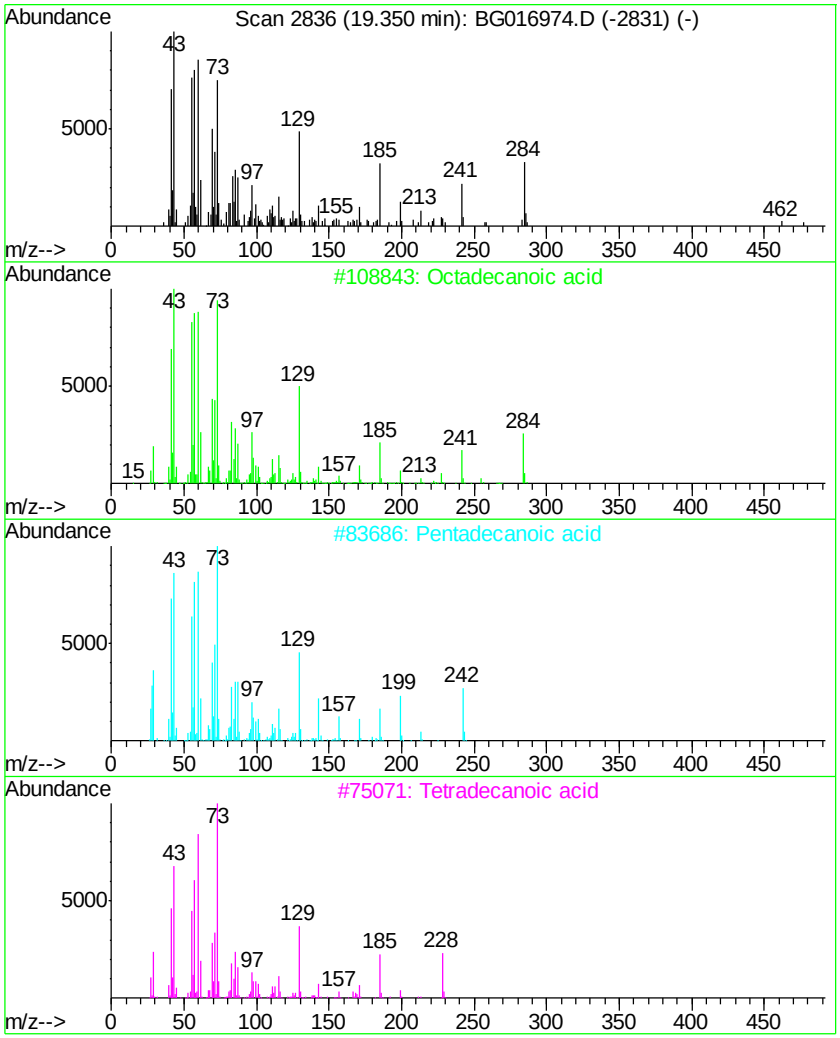
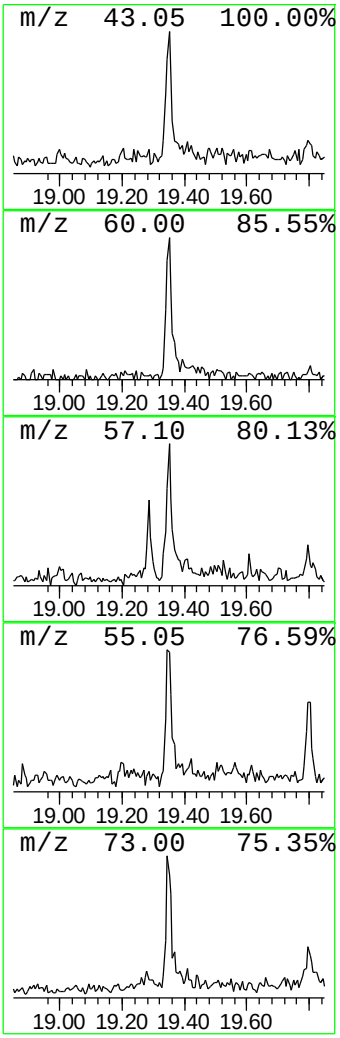
Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	2.73 ng	154466	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	n-Decanoic acid	172	C10H20O2	000334-48-5	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





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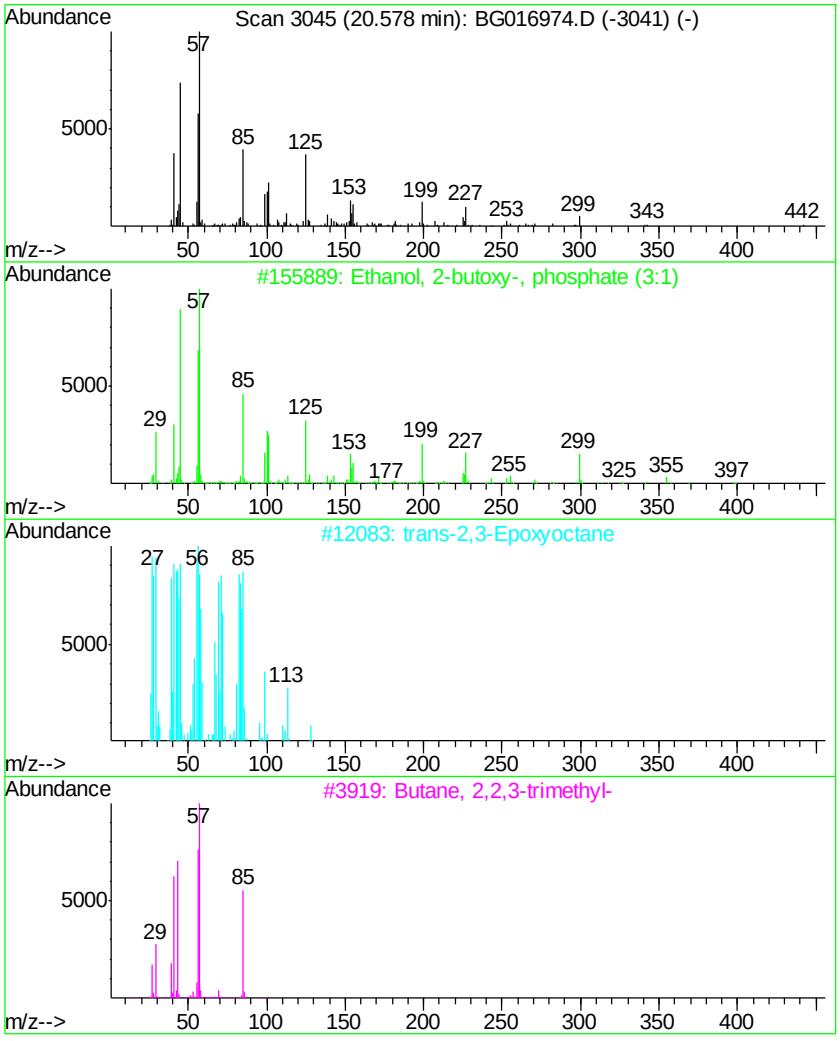
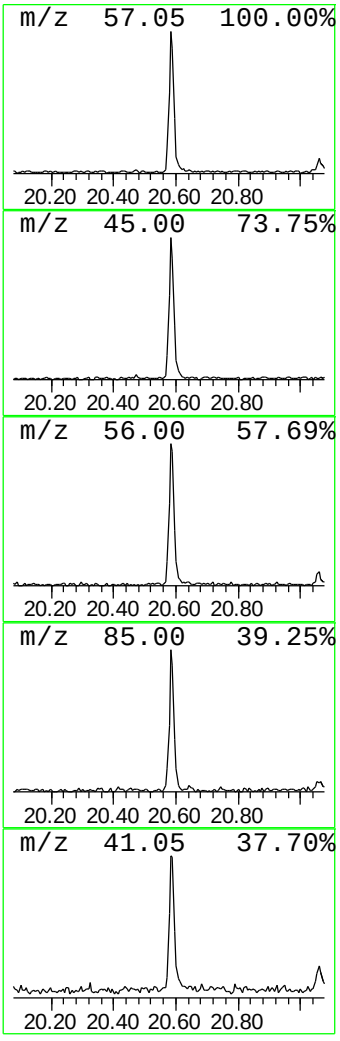
Peak Number 8 Ethanol, 2-butoxy-, phospha... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.58	5.07 ng	286596	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	83
2	trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	43
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	14
4	2-Propanone, ethylhydrazone	100	C5H12N2	007422-99-3	14
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	14





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
Butane, 2-methoxy...	2.99	44.2	ng	795276	1	7.79	360072	20.0
2-Pentanone, 4-hy...	4.91	3.0	ng	53105	1	7.79	360072	20.0
unknown7.32	7.32	99.3	ng	1787410	1	7.79	360072	20.0
n-Hexadecanoic acid	18.07	3.5	ng	183421	4	17.17	1052860	20.0
Octadecanoic acid	19.35	2.7	ng	154466	5	21.35	1130930	20.0
Ethanol, 2-butoxy...	20.58	5.1	ng	286596	5	21.35	1130930	20.0