LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016957.D
Acq On : 8 May 2015 15:24
Operator : TP/IZ
Sample : G2058-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-28

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	2.914	34	38	47	rBV	318216	489984	10.26%	2.096%
2	2.991	47	51	58	rVV	562307	658374	13.78%	2.816%
3	4.912	372	378	386	rVB	39654	61388	1.28%	0.263%
4	5.376	450	457	464	rBV	482803	701307	14.68%	3.000%
5	6.957	719	726	737	rVB	334262	513726	10.75%	2.197%
6	7.327	781	789	799	rBV	940843	1476671	30.91%	6.316%
7	7.791	861	868	876	rBV	228049	369059	7.73%	1.579%
8	8.114	915	923	931	rVB	794325	1251346	26.19%	5.352%
9	8.948	1058	1065	1072	rBV	756877	1235518	25.86%	5.285%
10	10.582	1336	1343	1351	rBV	339125	558469	11.69%	2.389%
11	13.055	1757	1764	1770	rBV	1932398	2876008	60.20%	12.302%
12	14.430	1990	1998	2006	rBV2	561275	846776	17.72%	3.622%
13	14.859	2063	2071	2087	rBV	449610	752476	15.75%	3.219%
14	15.917	2244	2251	2265	rBV	1813444	2639186	55.24%	11.289%
15	17.174	2459	2465	2471	rBV	786861	1096154	22.94%	4.689%
16	17.268	2474	2481	2492	rVB7	19227	48681	1.02%	0.208%
17	18.067	2612	2617	2628	rBV2	125000	188956	3.96%	0.808%
18	19.348	2831	2835	2839	rBV2	78496	106815	2.24%	0.457%
19	19.800	2906	2912	2918	rBV	3851124	4777417	100.00%	20.435%
20	20.670	3057	3060	3065	rVB	46623	55571	1.16%	0.238%
21	21.058	3123	3126	3133	rBV2	117781	154404	3.23%	0.660%
22	21.346	3170	3175	3184	rVB	882594	1144750	23.96%	4.897%
23	22.503	3368	3372	3377	rBV	211195	291371	6.10%	1.246%
24	23.649	3559	3567	3575	rVB	553234	1084445	22.70%	4.639%

Sum of corrected areas: 23378852

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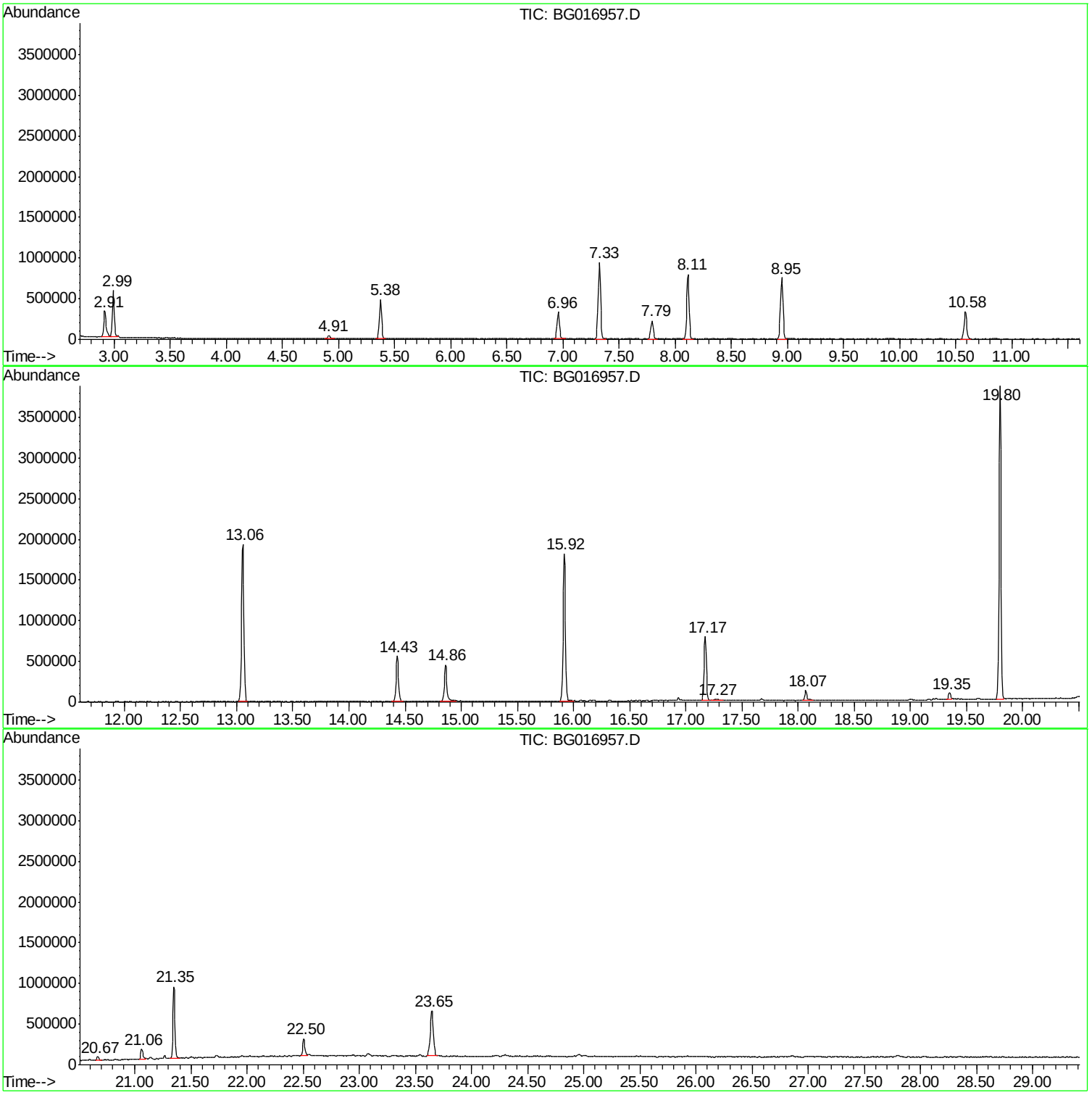
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-28

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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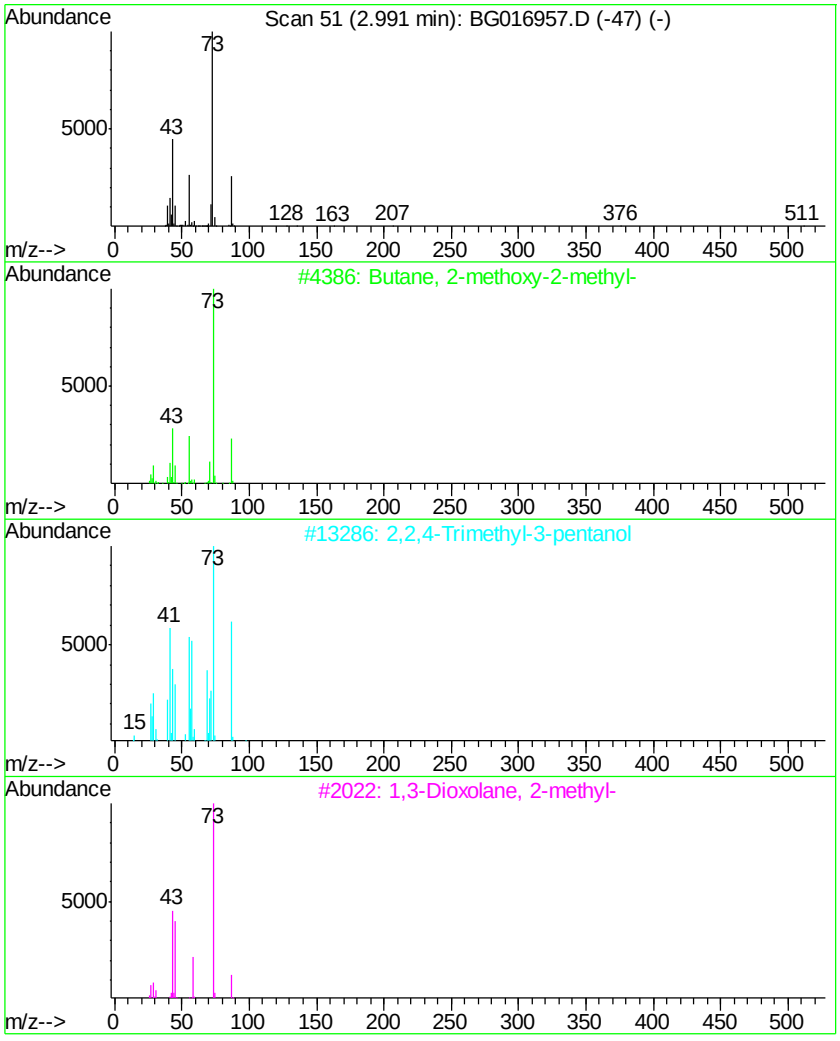
TIC Integration Parameters: LSCINT.P

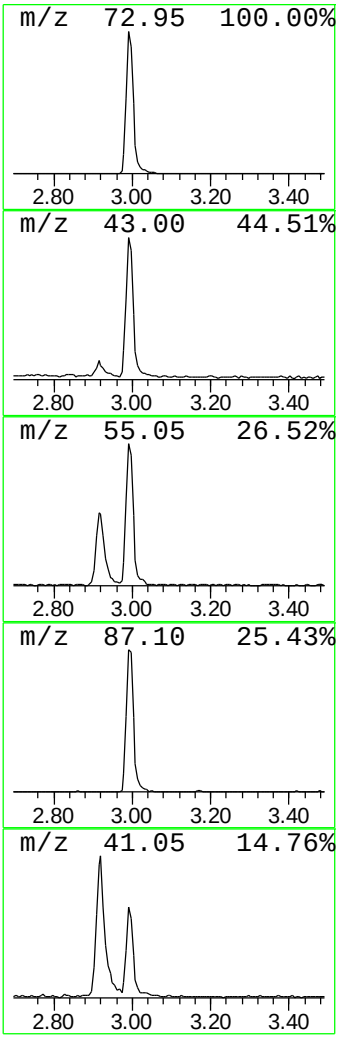
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	35.68 ng	658374	1,4-Dichlorobenzene-d4	7.80

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-28

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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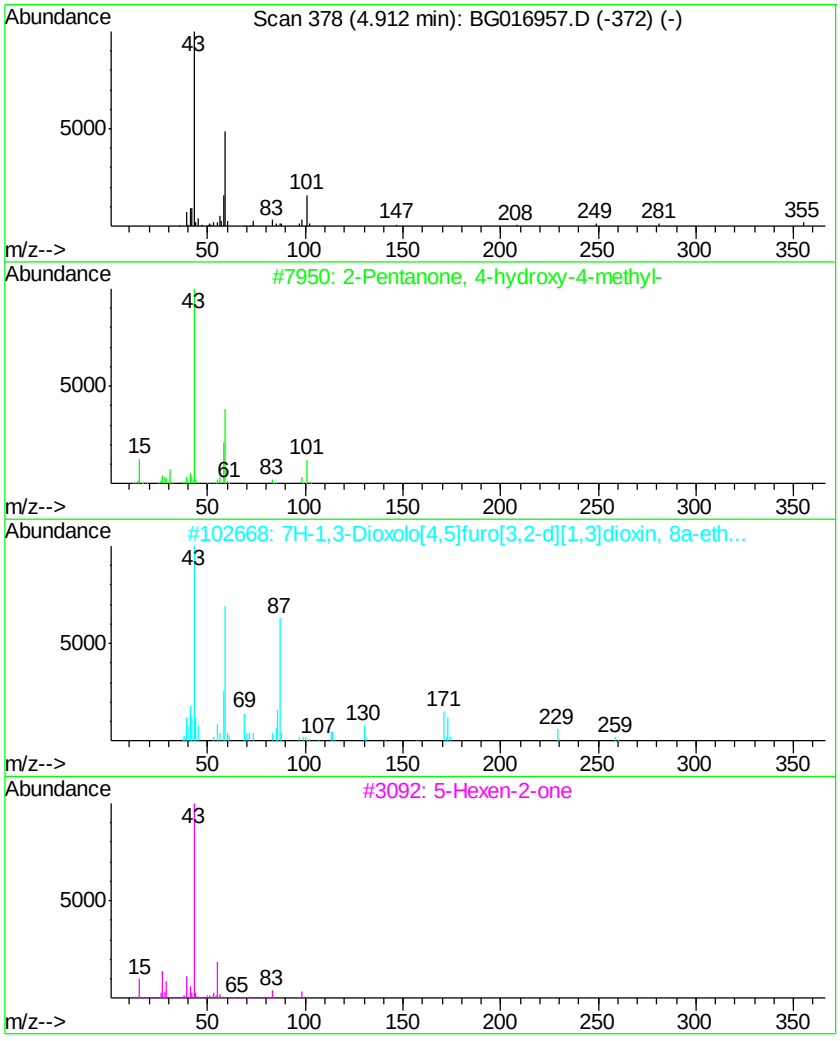
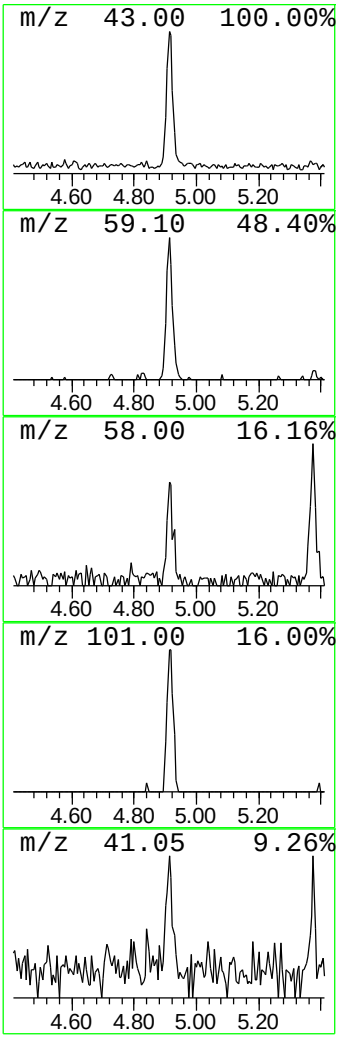
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	3.33 ng	61388	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	7H-1,3-Dioxolo[4,5]furo[3,2-d][1...	274	C13H22O6	1000141-70-0	28
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Acetone	58	C3H6O	000067-64-1	9
5	Formamide, N-formyl-N-methyl-	87	C3H5NO2	018197-25-6	9





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Sample : G2058-03
Misc :
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Instrument : BNA_G
ClientSampleId : MW-28

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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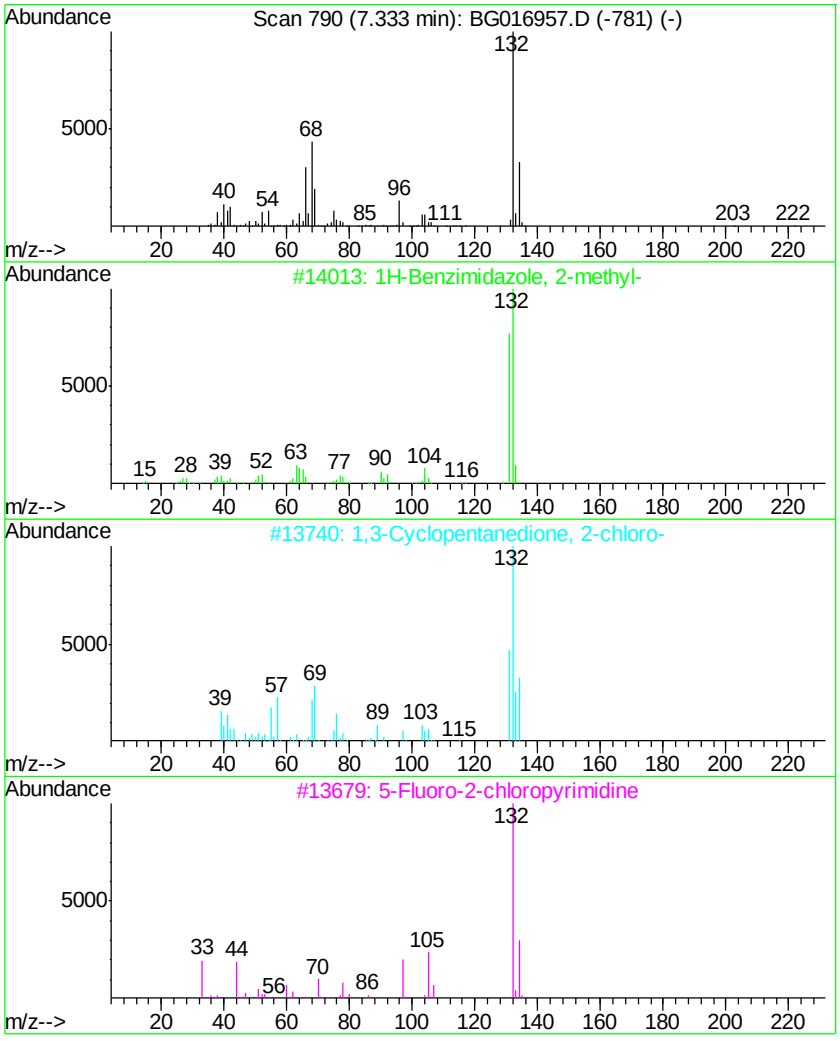
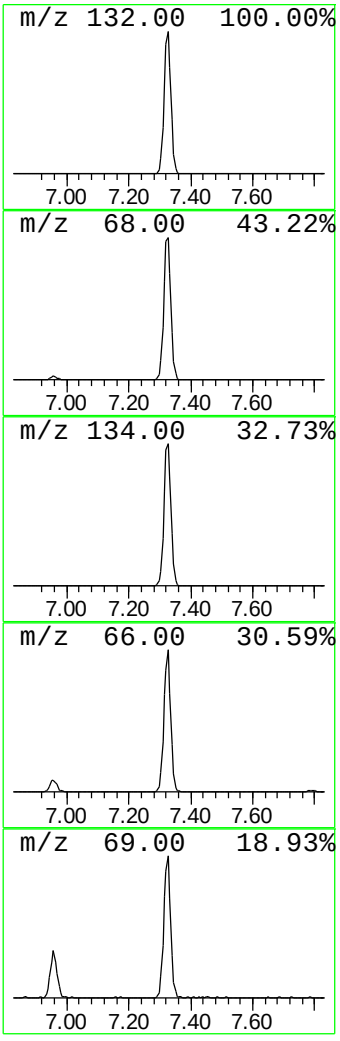
Peak Number 4 unknown7.33 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	80.02 ng	1476670	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





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Instrument : BNA_G
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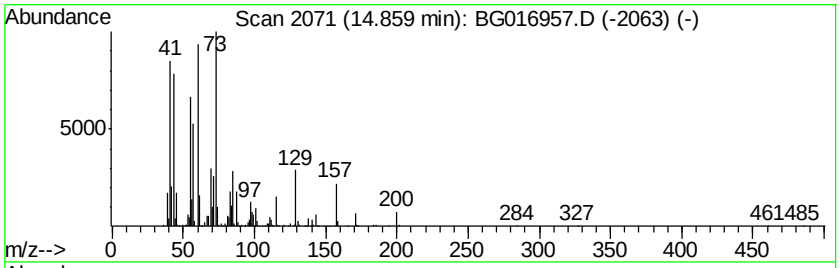
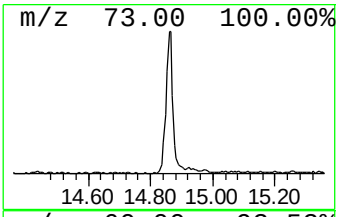
****

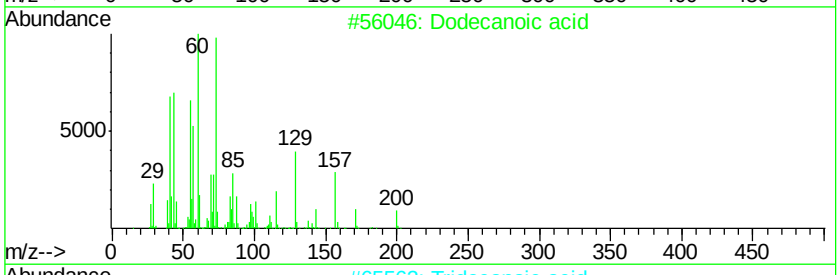
Peak Number 6 Dodecanoic acid Concentration Rank 5

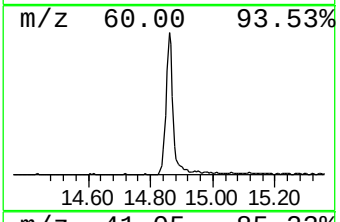
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	17.77 ng	752476	Acenaphthene-d10	14.43

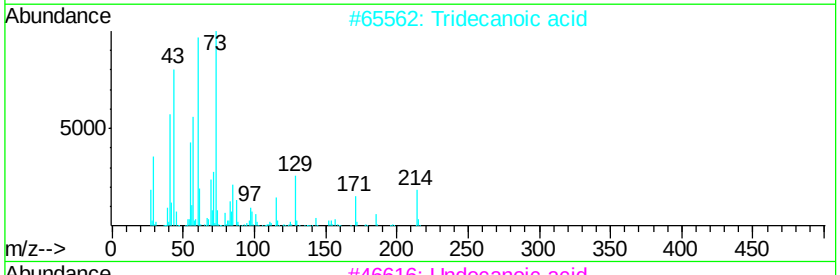
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Undecanoic acid	186	C11H22O2	000112-37-8	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72

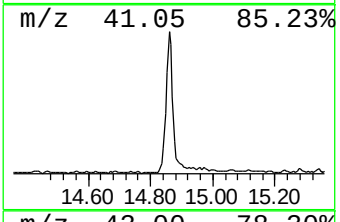


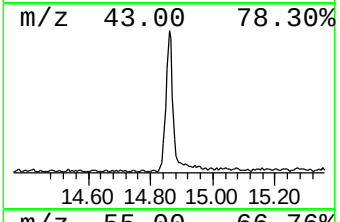


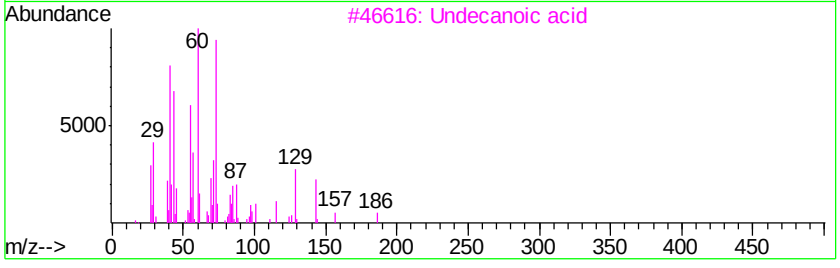


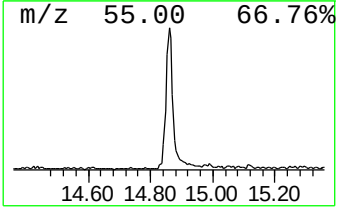












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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-28

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

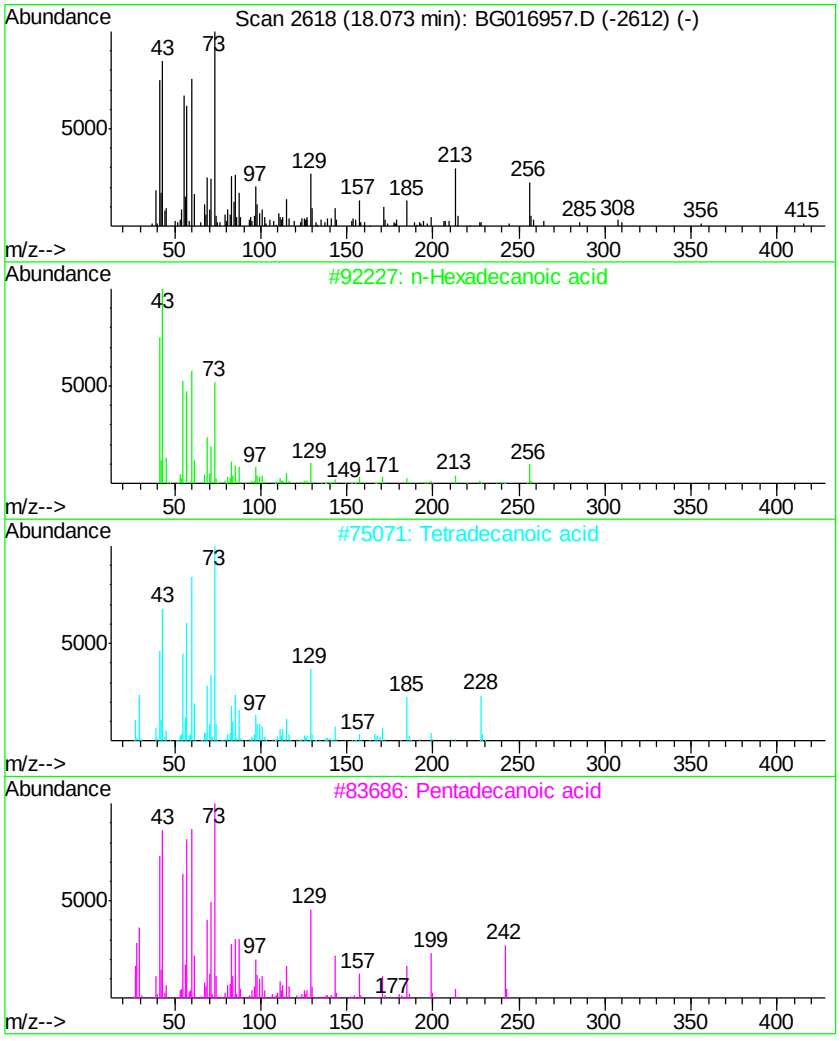
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

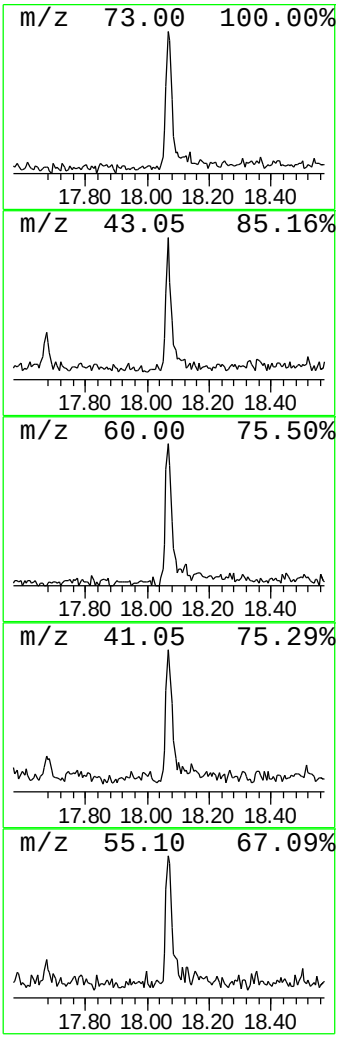
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.45 ng	188956	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Dodecanoic acid	200	C12H24O2	000143-07-7	55
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





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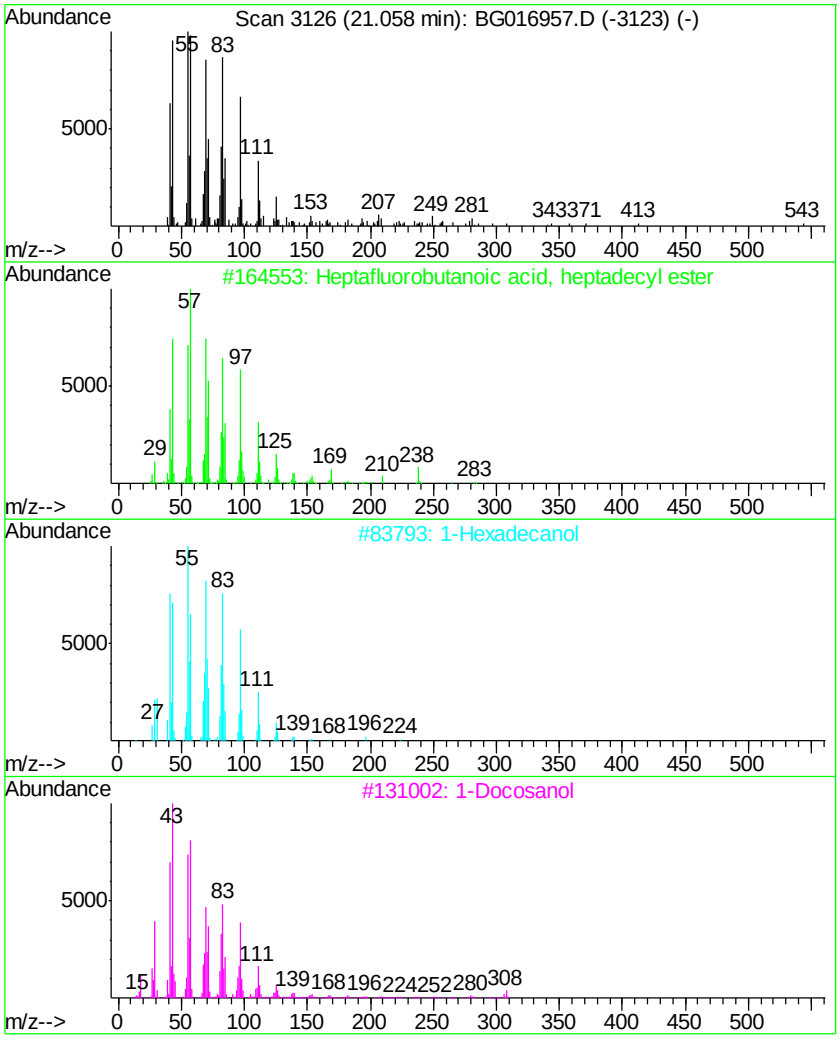
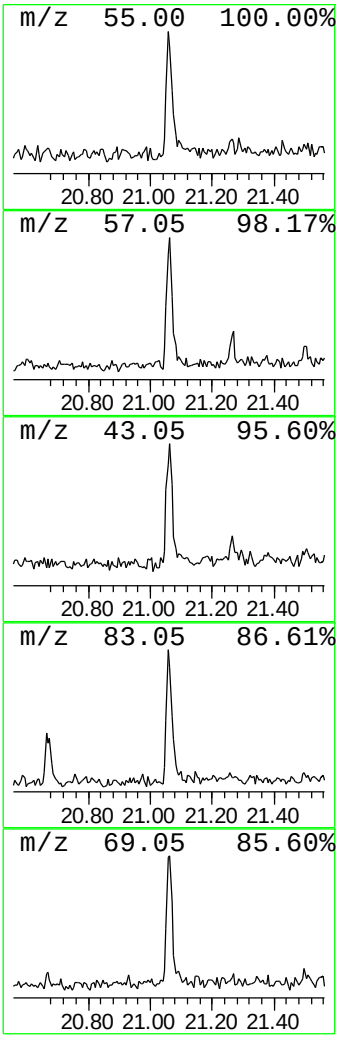
****

Peak Number 8 Heptafluorobutanoic acid, h... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.70 ng	154404	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	81
2	1-Hexadecanol	242	C16H34O	036653-82-4	76
3	1-Docosanol	326	C22H46O	000661-19-8	76
4	1-Tetracosanol	354	C24H50O	000506-51-4	76
5	1-Eicosanol	298	C20H42O	000629-96-9	70





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TIC Library : C:\DATABASE\NIST02.L
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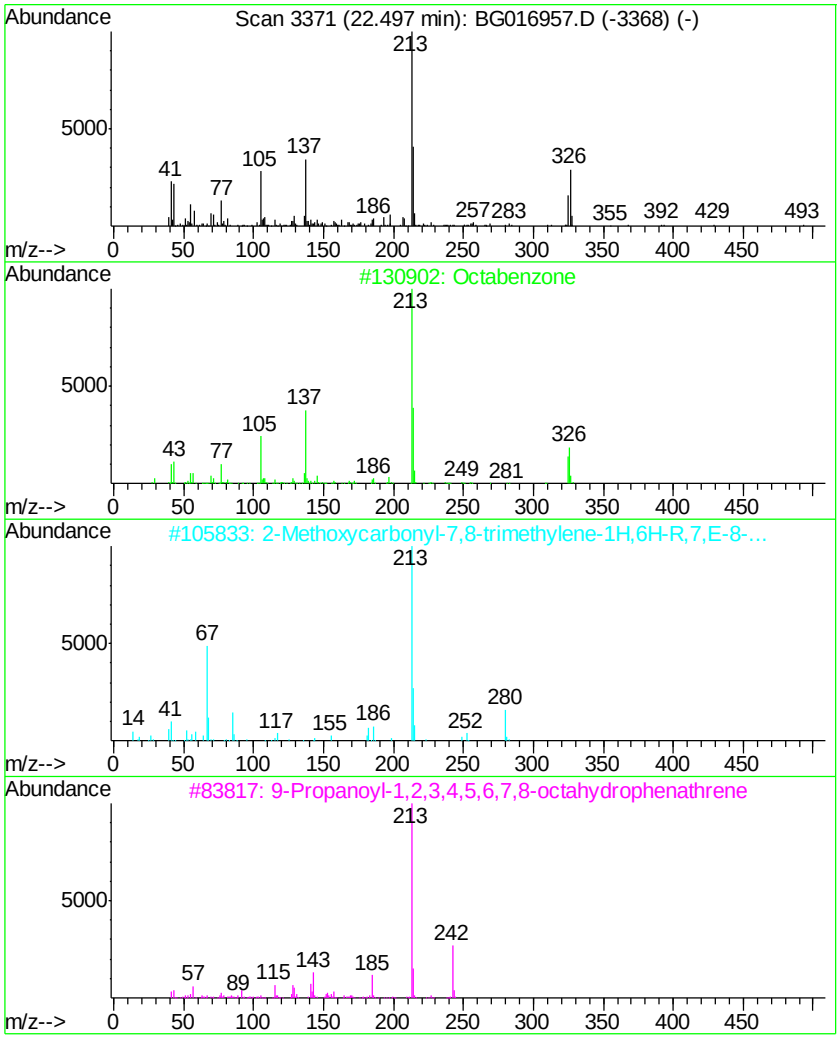
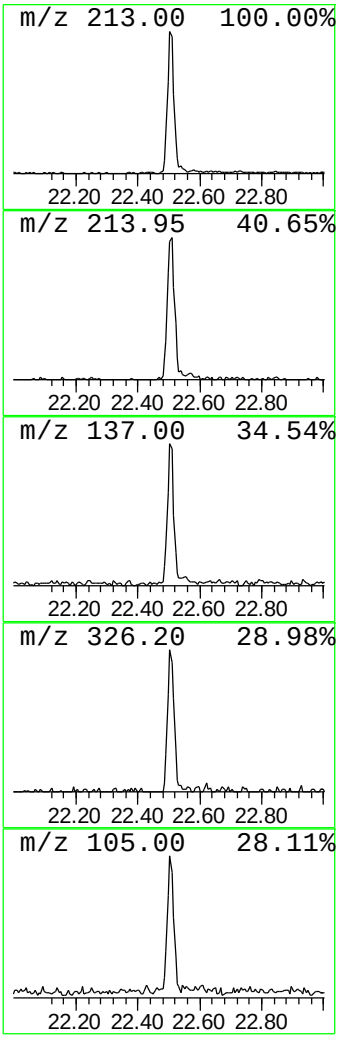
****

Peak Number 9 Octabenzone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	5.37 ng	291371	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octabenzone	326	C21H26O3	001843-05-6	93
2	2-Methoxycarbonyl-7,8-trimethyle...	280	C12H12N2O4S	1000280-98-1	25
3	9-Propanoyl-1,2,3,4,5,6,7,8-octa...	242	C17H22O	1000255-01-4	23
4	1,3,4-Thiadiazole, 2-(5-nitropyr...	325	C10H7N5O4S2	1000260-74-4	23
5	Phen-1,3-diol, 2-benzoyl-	214	C13H10O3	063411-81-4	12





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
Butane, 2-methoxy...	2.99	35.7	ng	658374	1	7.80	369059	20.0
2-Pentanone, 4-hy...	4.91	3.3	ng	61388	1	7.80	369059	20.0
unknown7.33	7.33	80.0	ng	1476670	1	7.80	369059	20.0
Dodecanoic acid	14.86	17.8	ng	752476	3	14.43	846776	20.0
n-Hexadecanoic acid	18.07	3.5	ng	188956	4	17.17	1096150	20.0
Heptafluorobutano...	21.06	2.7	ng	154404	5	21.35	1144750	20.0
Octabenzone	22.50	5.4	ng	291371	6	23.64	1084450	20.0