LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019921.D
Acq On : 5 Dec 2015 1:35
Operator : UM/NP
Sample : G4630-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-23

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-BG120215.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	5.189	395	400	407	rVB	41359	63434	1.88%	0.452%
2	5.659	473	480	490	rVB	277787	437574	12.98%	3.118%
3	7.257	745	752	762	rVB	191578	331223	9.83%	2.360%
4	7.645	810	818	827	rBV	529862	890737	26.43%	6.346%
5	8.115	890	898	905	rBV	108121	185582	5.51%	1.322%
6	8.444	945	954	963	rBV	459670	785137	23.29%	5.594%
7	9.284	1088	1097	1109	rVB	426961	744956	22.10%	5.308%
8	10.935	1371	1378	1386	rBV	159678	278537	8.26%	1.985%
9	13.373	1785	1793	1800	rBV	1291831	1969079	58.42%	14.030%
10	14.190	1924	1932	1936	rBV2	25575	42309	1.26%	0.301%
11	14.748	2017	2027	2036	rVB3	274602	460223	13.65%	3.279%
12	16.229	2272	2279	2290	rBV	1200946	1743032	51.71%	12.419%
13	17.486	2487	2493	2500	rBV2	376828	569493	16.90%	4.058%
14	17.839	2548	2553	2560	rBV	32450	48089	1.43%	0.343%
15	18.361	2638	2642	2650	rBV	75131	111706	3.31%	0.796%
16	19.631	2854	2858	2865	rBV2	93053	124978	3.71%	0.890%
17	19.730	2870	2875	2879	rBV	85726	116912	3.47%	0.833%
18	20.089	2930	2936	2942	rBV	2520631	3370510	100.00%	24.015%
19	20.776	3049	3053	3057	rVB	40788	54541	1.62%	0.389%
20	21.035	3094	3097	3101	rVB	41939	52494	1.56%	0.374%
21	21.240	3127	3132	3138	rBV2	59727	93100	2.76%	0.663%
22	21.552	3180	3185	3189	rVB	31787	48366	1.43%	0.345%
23	21.758	3214	3220	3229	rVB	437797	752912	22.34%	5.364%
24	22.950	3419	3423	3431	rVB9	18888	38148	1.13%	0.272%
25	23.079	3441	3445	3453	rVB4	22210	43980	1.30%	0.313%
26	25.042	3769	3779	3788	rBV	236417	678184	20.12%	4.832%

Sum of corrected areas: 14035236

LSC Report - Integrated Chromatogram

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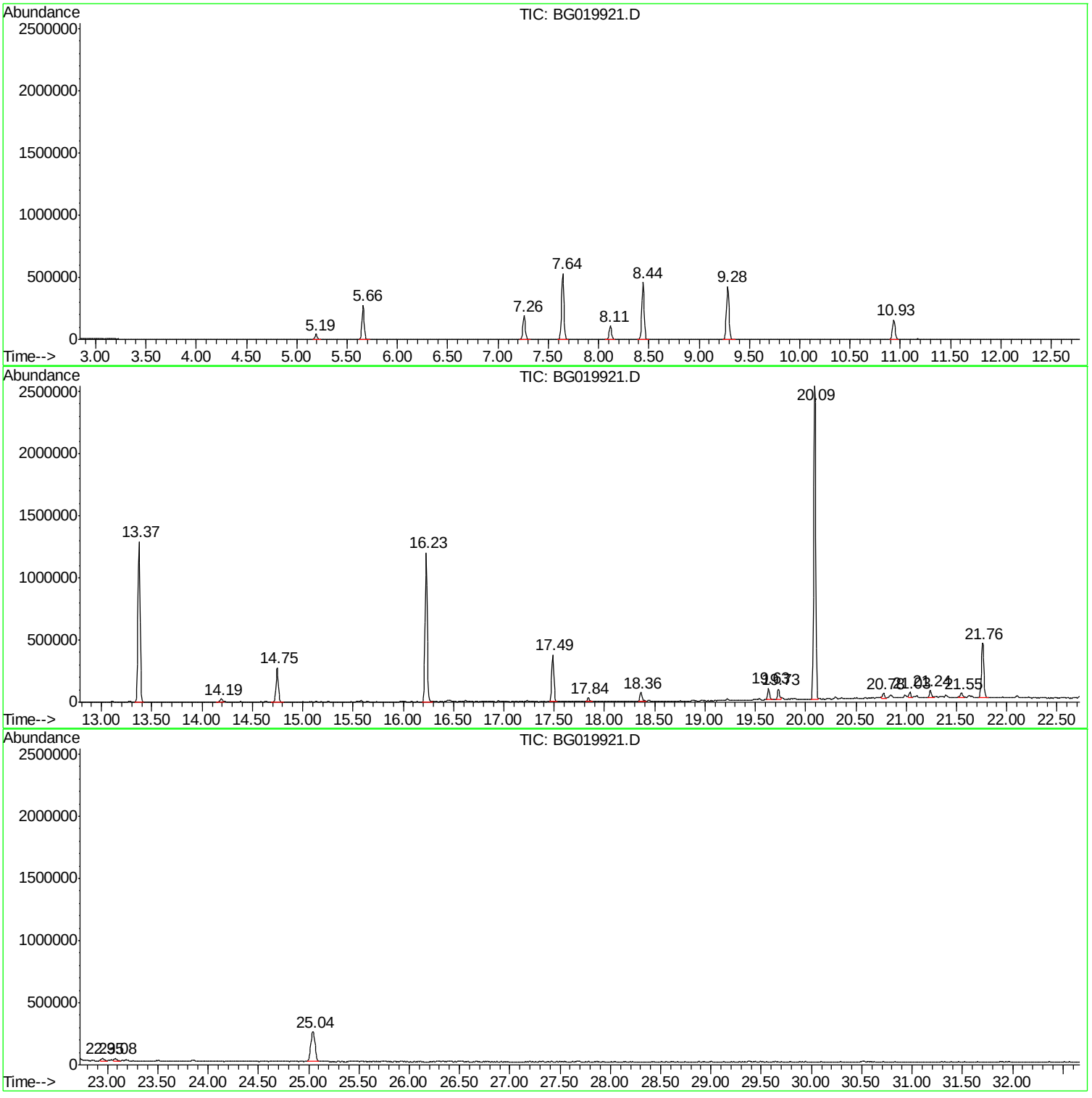
Operator : UM/NP
Sample : G4630-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-23

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019921.D
Acq On : 5 Dec 2015 1:35
Operator : UM/NP
Sample : G4630-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : MW-23

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

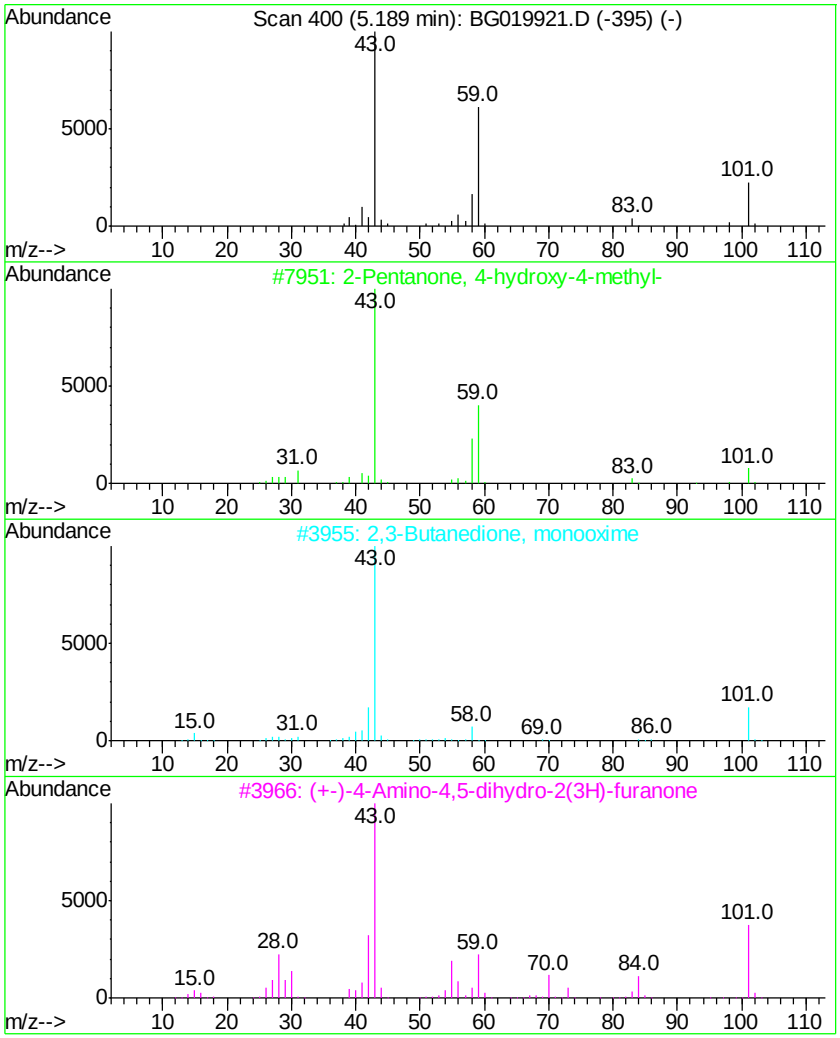
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

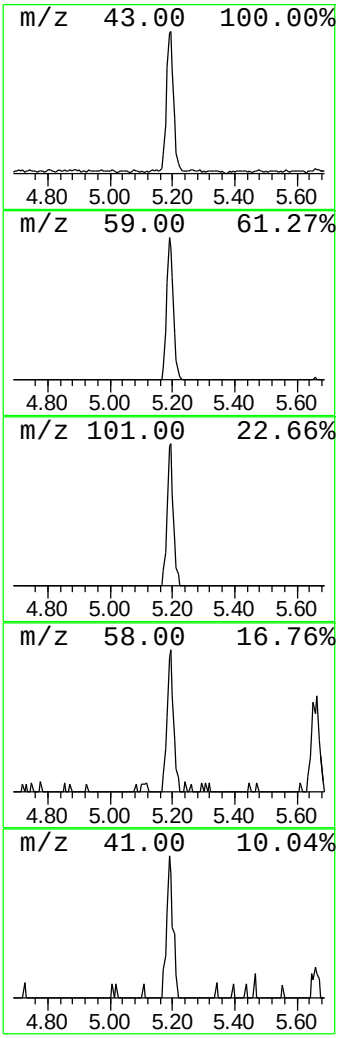
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	6.84 ng	63434	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019921.D
Acq On : 5 Dec 2015 1:35
Operator : UM/NP
Sample : G4630-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-23

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

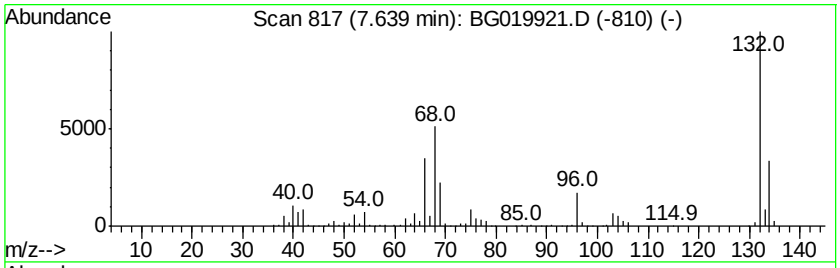
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

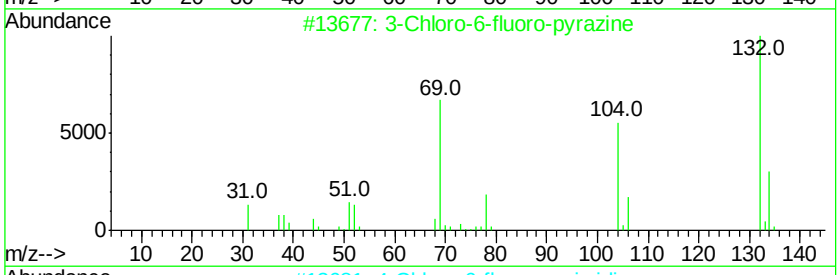
****

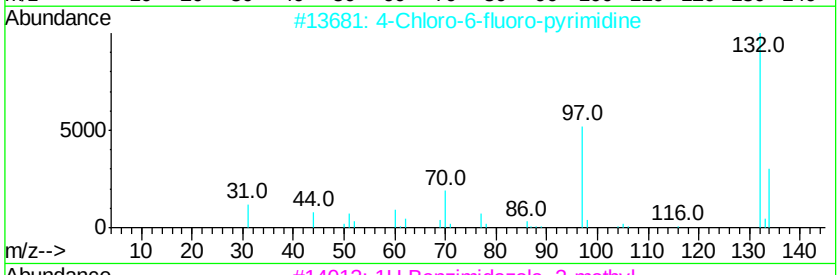
Peak Number 2 unknown7.64 Concentration Rank 1

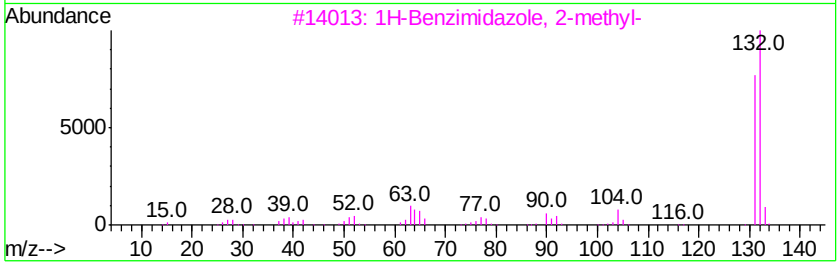
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	95.99 ng	890737	1,4-Dichlorobenzene-d4	8.11

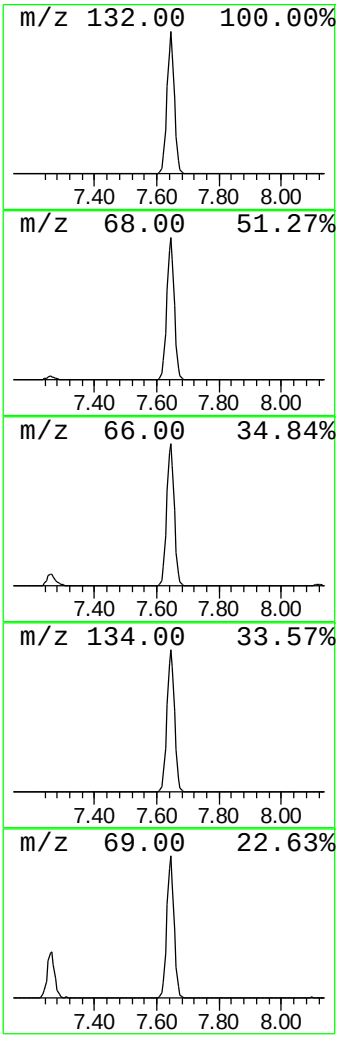
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	10











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Operator : UM/NP
Sample : G4630-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-23

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

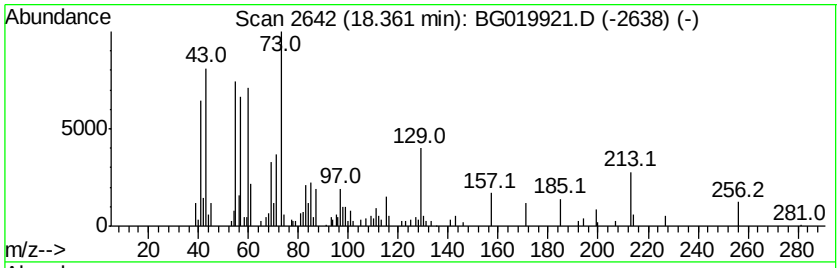
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

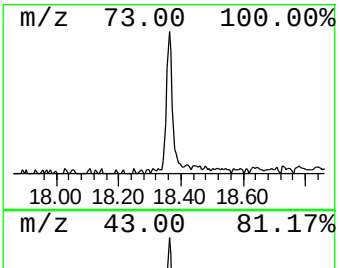
****

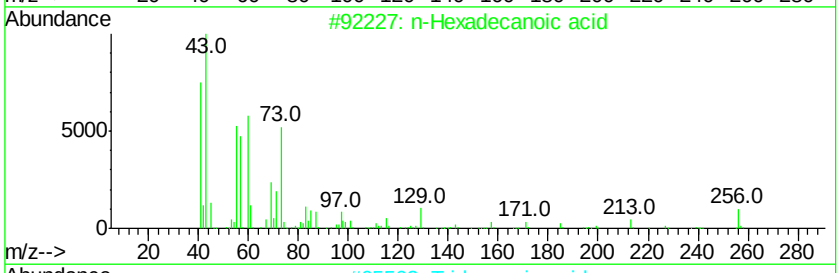
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

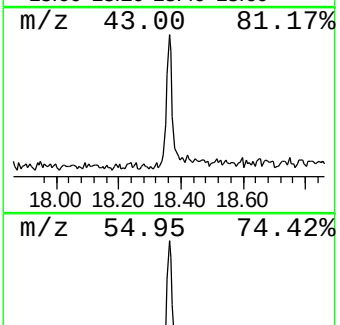
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.92 ng	111706	Phenanthrene-d10	17.49

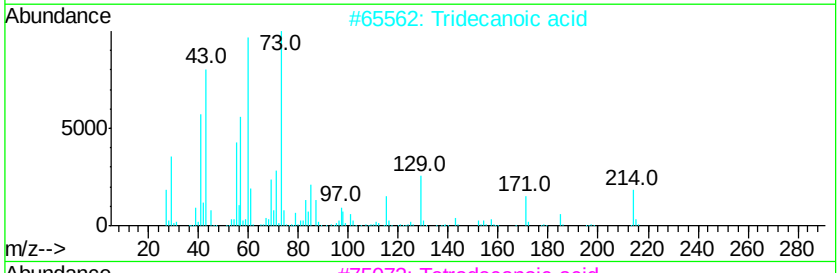
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	60
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	30

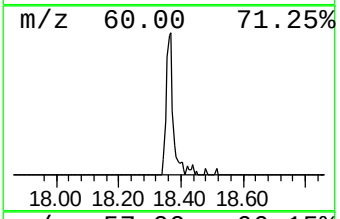


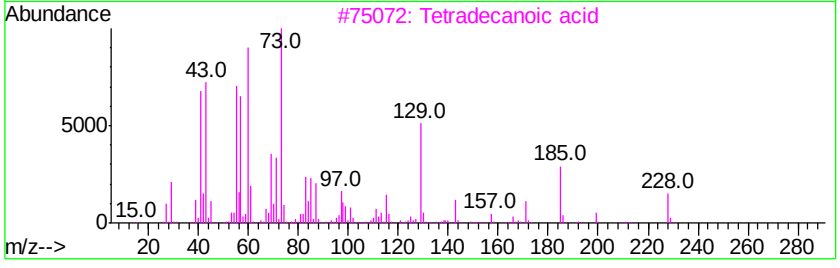


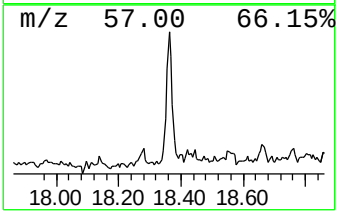












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Instrument : BNA_G
ClientSampleId : MW-23

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

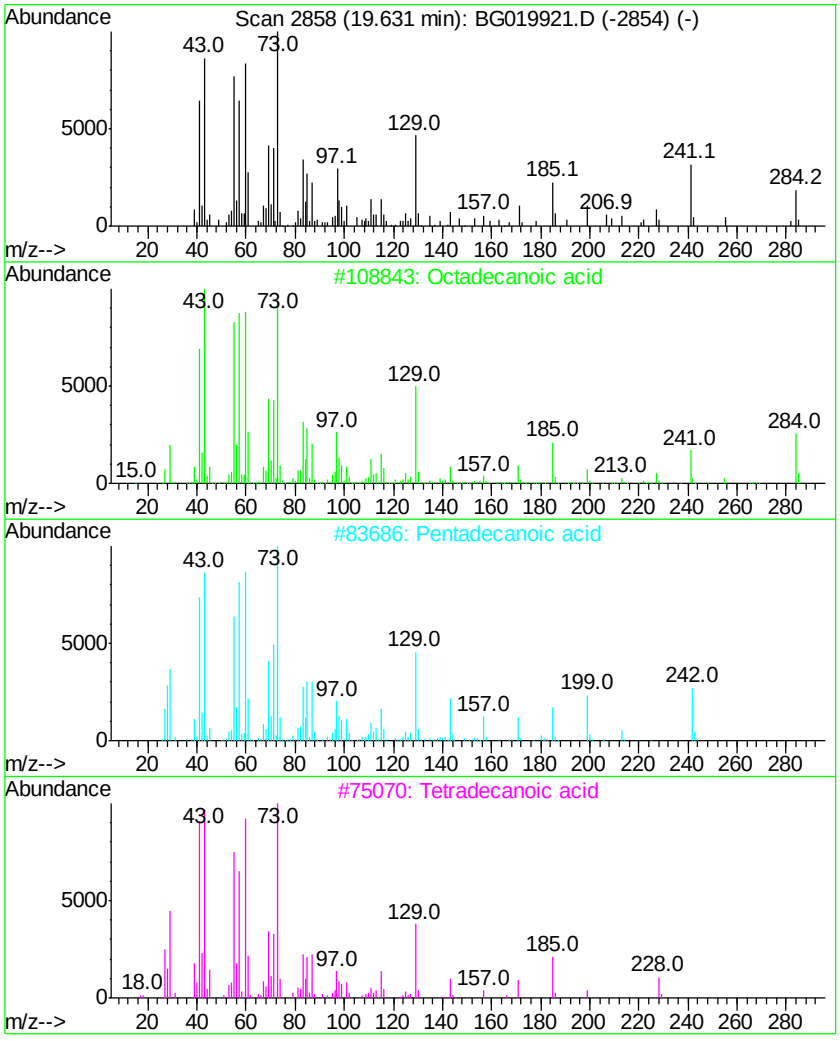
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

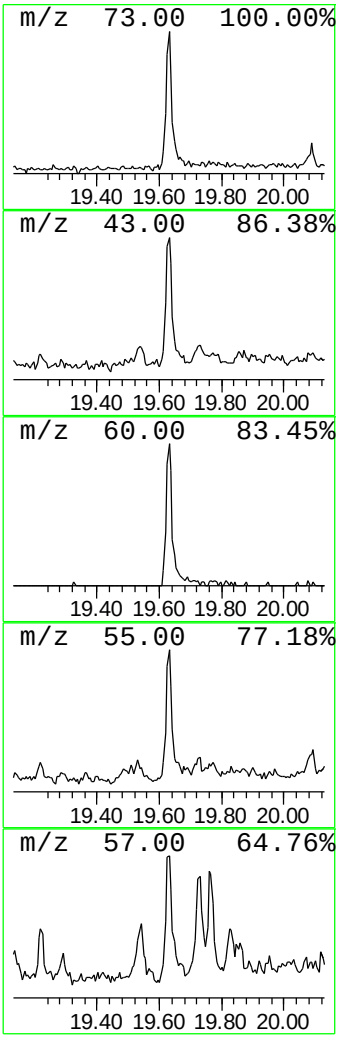
****

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	3.32 ng	124978	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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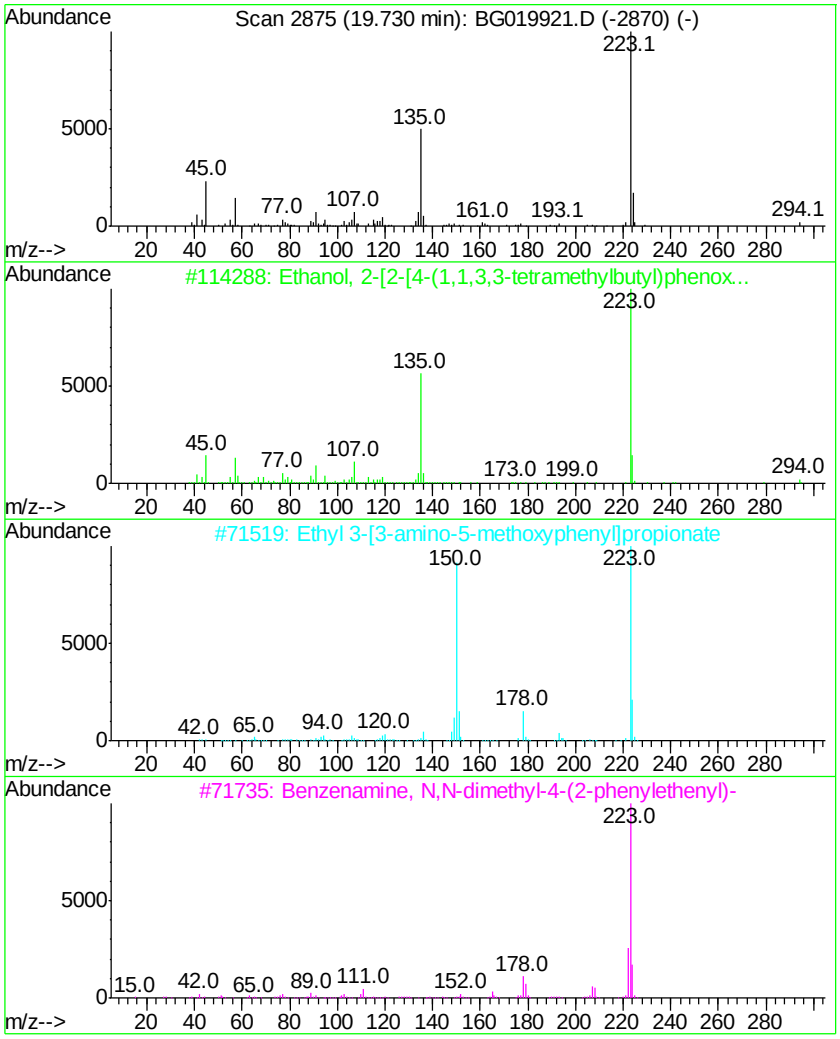
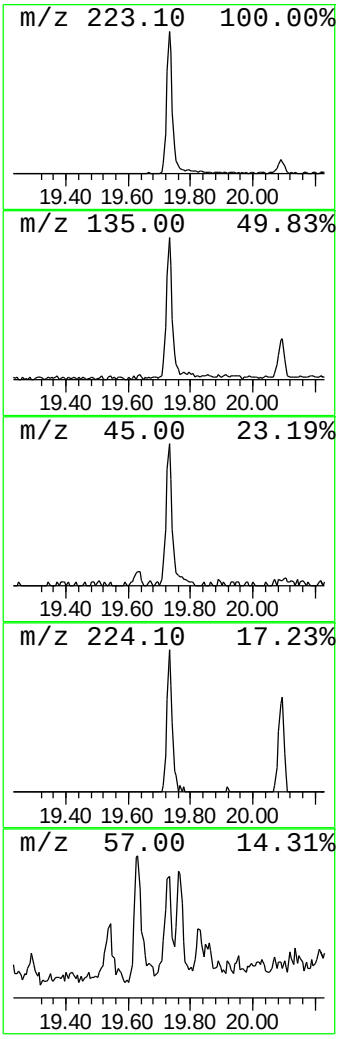
****

Peak Number 6 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	3.11 ng	116912	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	93
2	Ethyl 3-[3-amino-5-methoxyphenyl...	223	C12H17NO3	1000213-27-3	43
3	Benzenamine, N,N-dimethyl-4-(2-p...	223	C16H17N	001145-73-9	38
4	2,9-Dioxabicyclo[3.3.1]non-7-ene...	436	C23H32O8	1000196-04-6	38
5	Tetrazole, 1-(4-fluorophenyl)-5-...	400	C23H21FN6	125038-07-5	37





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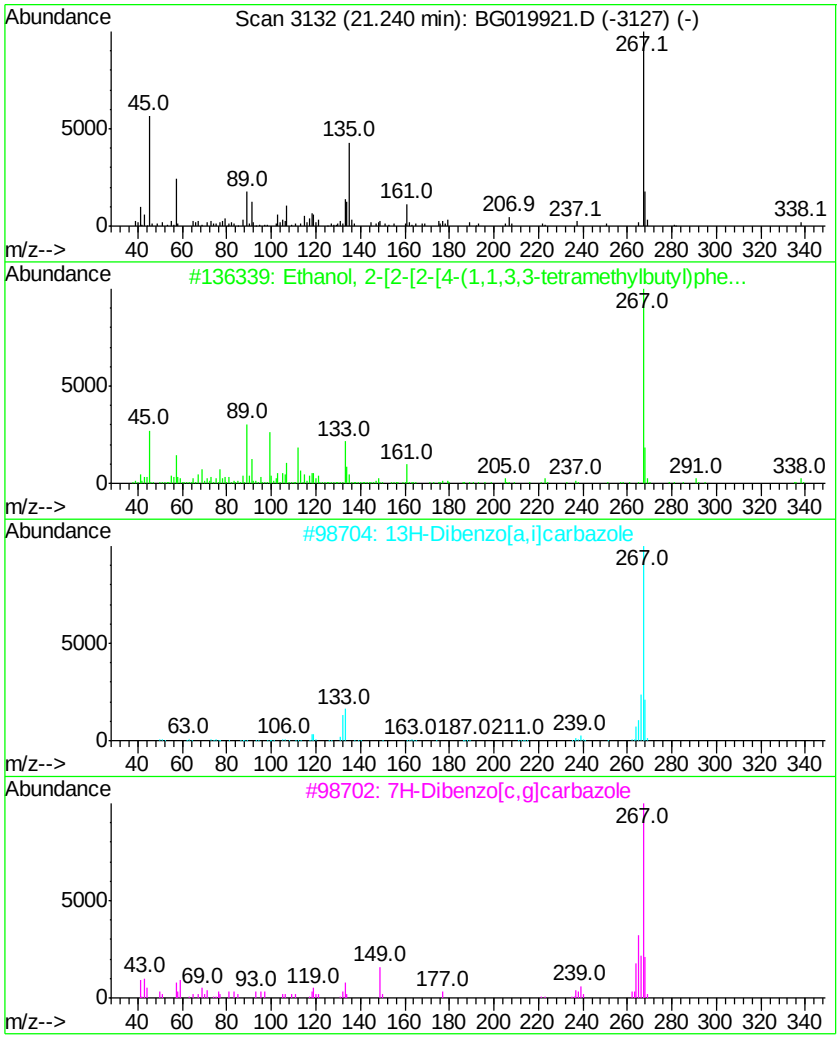
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

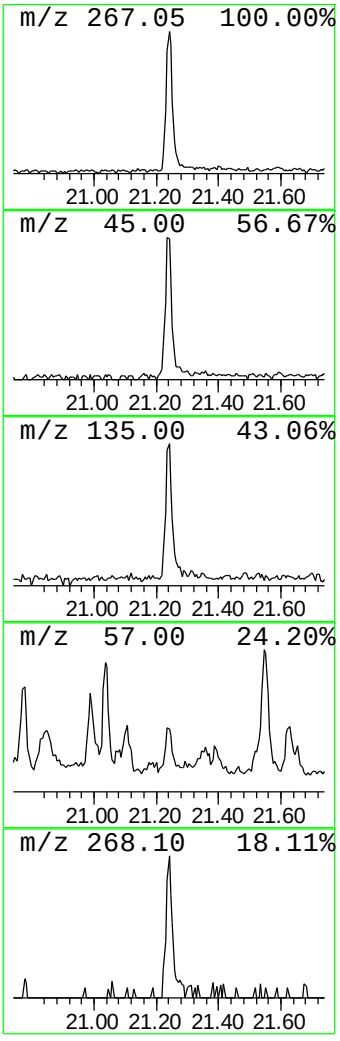
****

Peak Number 7 Ethanol, 2-[2-[2-[4-(1,1,3,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	2.47 ng	93100	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	64
2	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	43
3	7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	38
4	7H-Dibenzo(a,g)carbazole	267	C20H13N	000207-84-1	35
5	1,5-Diphenyl-3-methylthio-1,2,4-...	267	C15H13N3S	072234-23-2	32





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.19	6.8	ng	63434	1	8.11	185582	20.0
unknown7.64	7.64	96.0	ng	890737	1	8.11	185582	20.0
n-Hexadecanoic acid	18.36	3.9	ng	111706	4	17.49	569493	20.0
Octadecanoic acid	19.63	3.3	ng	124978	5	21.76	752912	20.0
Ethanol, 2-[2-[4-...	19.73	3.1	ng	116912	5	21.76	752912	20.0
Ethanol, 2-[2-[2-...	21.24	2.5	ng	93100	5	21.76	752912	20.0