LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023372.D
Acq On : 31 Jul 2016 17:36
Operator : UM/SJ
Sample : H4285-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AB-SLOPE(0-4)O

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-BG072616.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	2.997	23	27	32	rBV	70192	95980	1.05%	0.147%
2	5.188	394	400	411	rVB	853171	1320504	14.45%	2.025%
3	5.664	474	481	493	rBV	2988924	4895719	53.56%	7.508%
4	7.279	748	756	769	rBV	3151404	5609847	61.38%	8.603%
5	7.649	812	819	828	rBV	2969226	5257754	57.53%	8.063%
6	8.125	893	900	909	rVB	526896	903982	9.89%	1.386%
7	8.448	947	955	963	rBV	2077339	3567207	39.03%	5.471%
8	9.300	1092	1100	1108	rBV	1986212	3526855	38.59%	5.409%
9	10.957	1374	1382	1390	rBV	808319	1459068	15.96%	2.238%
10	13.400	1791	1798	1806	rBV	4664631	7140913	78.13%	10.951%
11	14.229	1932	1939	1945	rBV	826869	1248413	13.66%	1.915%
12	14.787	2027	2034	2042	rVB2	1444961	2368639	25.92%	3.632%
13	15.609	2169	2174	2179	rVB	160207	210631	2.30%	0.323%
14	16.014	2234	2243	2247	rBV4	50329	116507	1.27%	0.179%
15	16.279	2282	2288	2299	rBV	4189095	6553383	71.70%	10.050%
16	16.473	2316	2321	2330	rBV	184824	333706	3.65%	0.512%
17	17.272	2451	2457	2463	rBV2	79501	117291	1.28%	0.180%
18	17.542	2497	2503	2512	rBV2	2113811	3320162	36.33%	5.092%
19	18.417	2646	2652	2664	rBV	691731	1090520	11.93%	1.672%
20	19.686	2863	2868	2877	rBV2	249932	385644	4.22%	0.591%
21	20.156	2941	2948	2955	rBV	6507424	9139786	100.00%	14.016%
22	21.466	3167	3171	3173	rBV5	87249	126694	1.39%	0.194%
23	21.859	3231	3238	3245	rVB2	1911681	3156031	34.53%	4.840%
24	23.592	3528	3533	3538	rVB2	58007	109957	1.20%	0.169%
25	25.237	3803	3813	3826	rVB	1066842	3152510	34.49%	4.835%

Sum of corrected areas: 65207703

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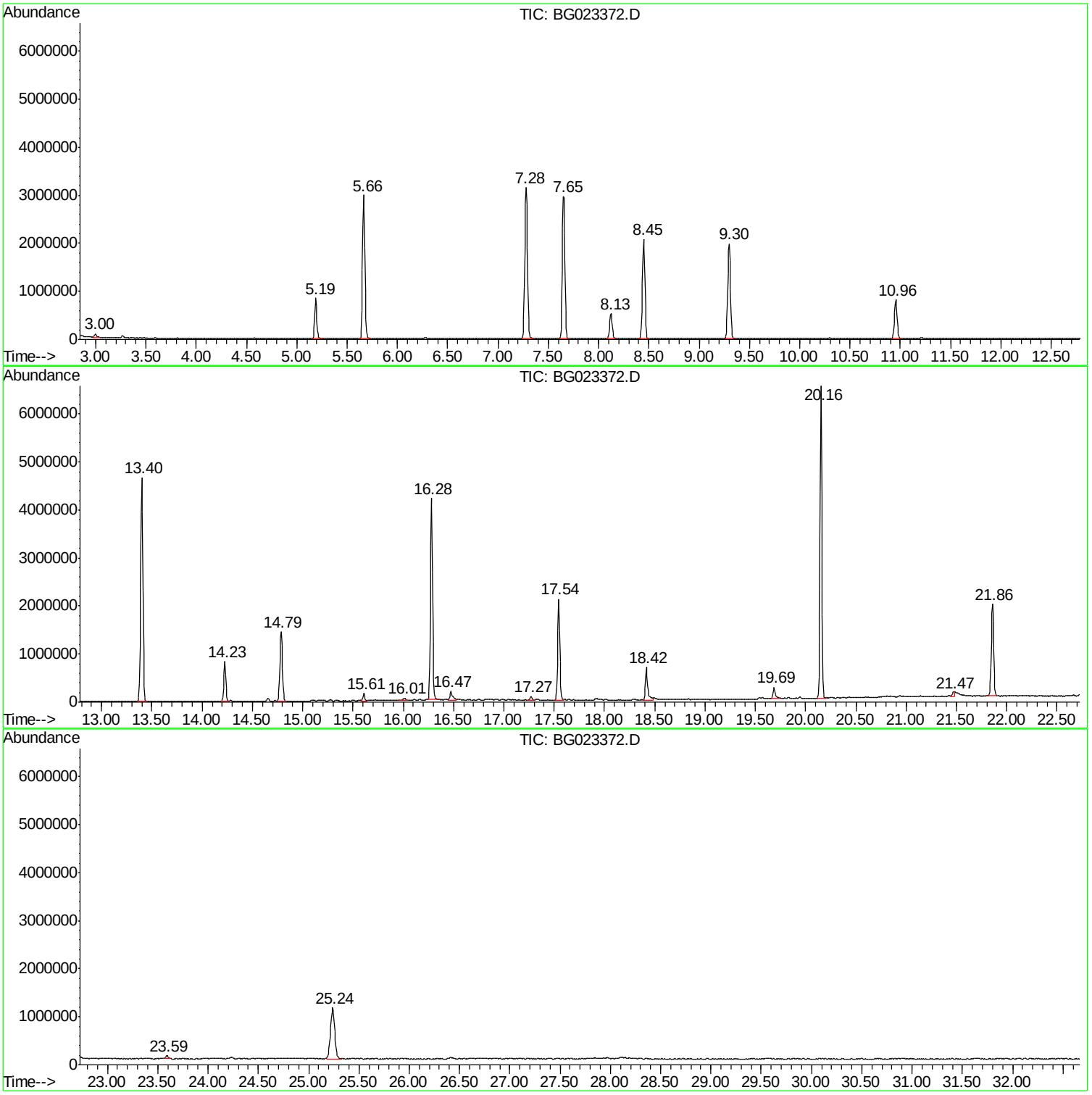
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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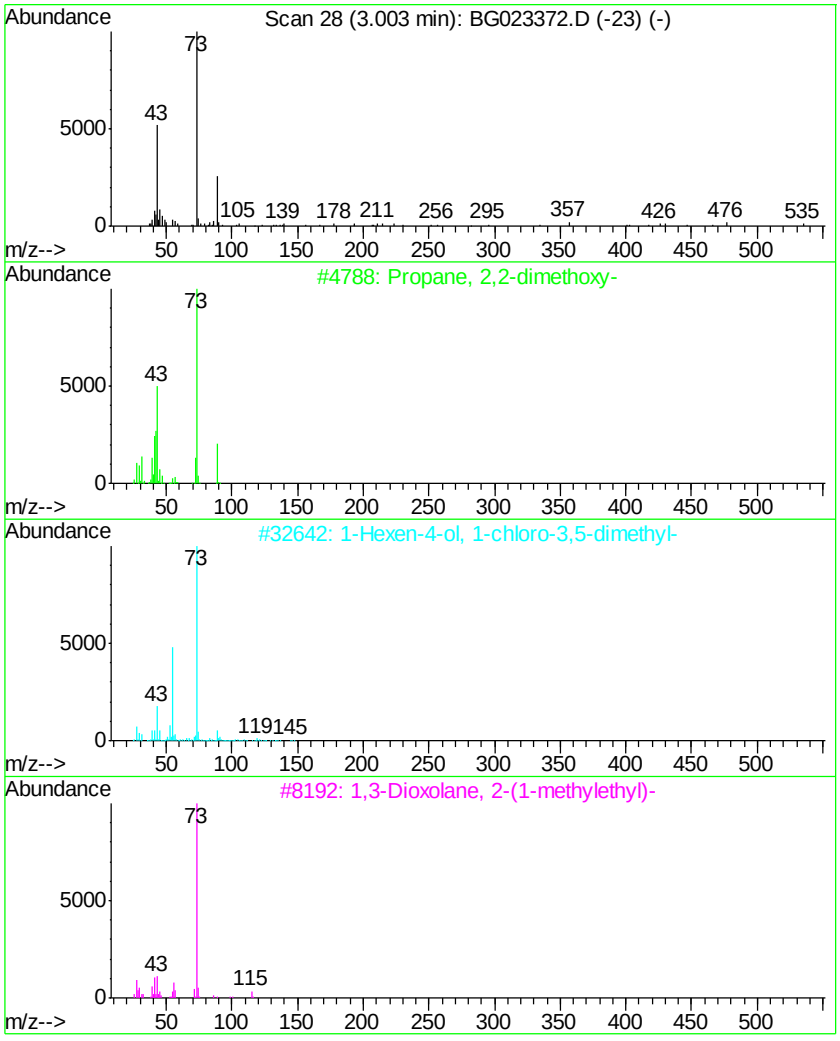
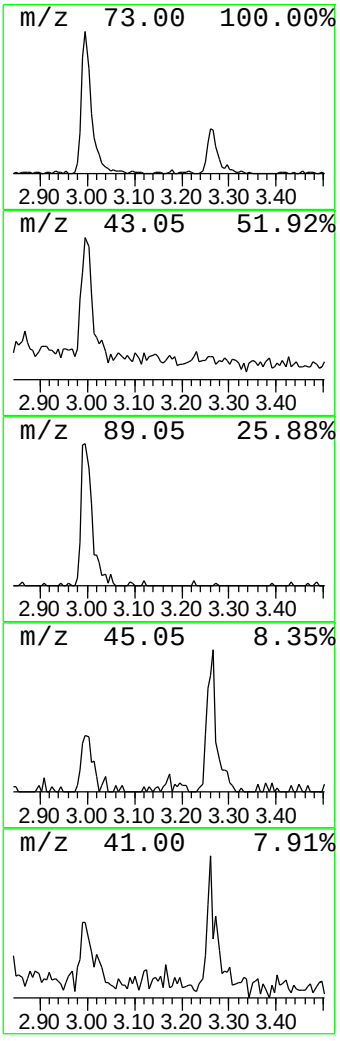
Peak Number 1 unknown3.00 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	2.12 ng	95980	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-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	17
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	10
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
5	Benzeneacetic acid, .alpha.-[[(t...	252	C13H20O3Si	057397-46-3	9





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Misc :
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Instrument : BNA_G
ClientSampleId : AB-SLOPE(0-4)O

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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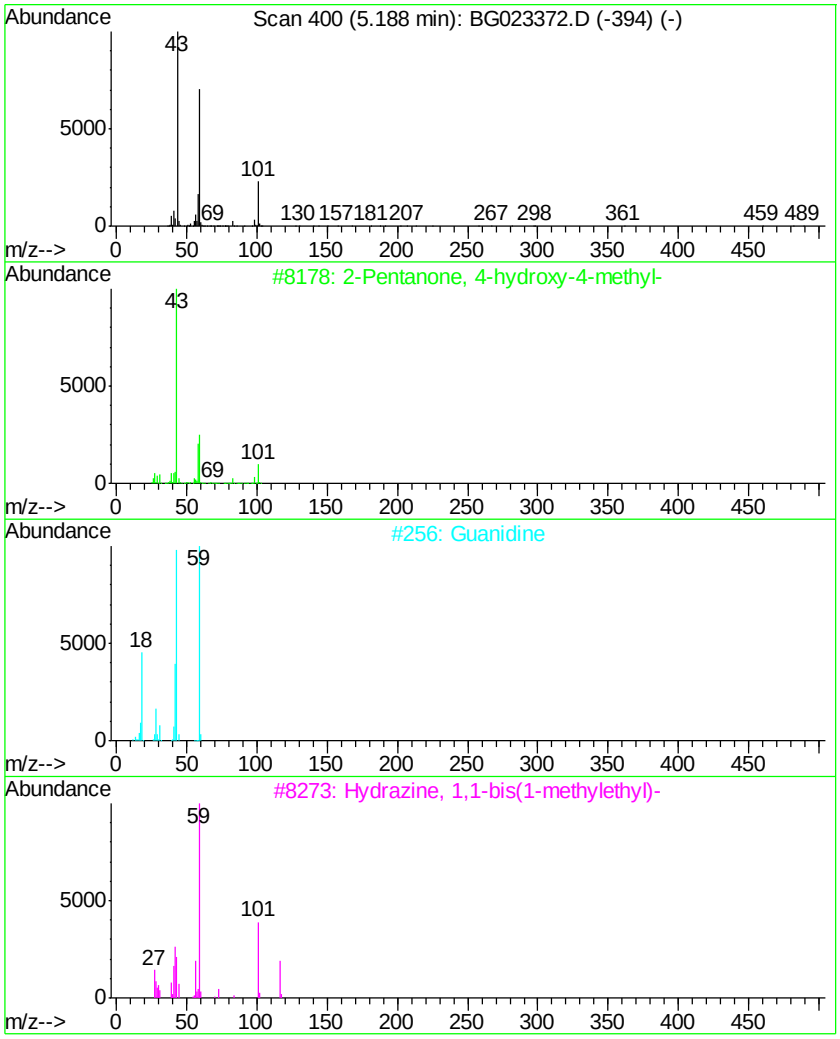
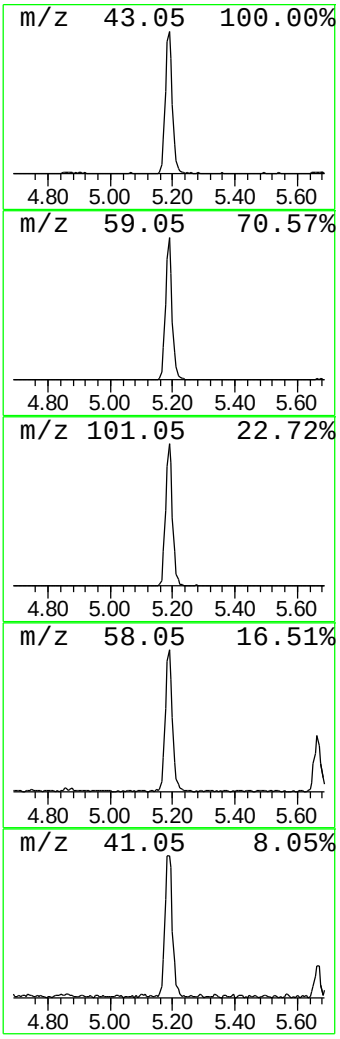
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	29.22 ng	1320500	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	64
2	Guanidine	59	CH5N3	000113-00-8	43
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
4	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	28
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23





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Sample : H4285-09
Misc :
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Instrument : BNA_G
ClientSampleId : AB-SLOPE(0-4)O

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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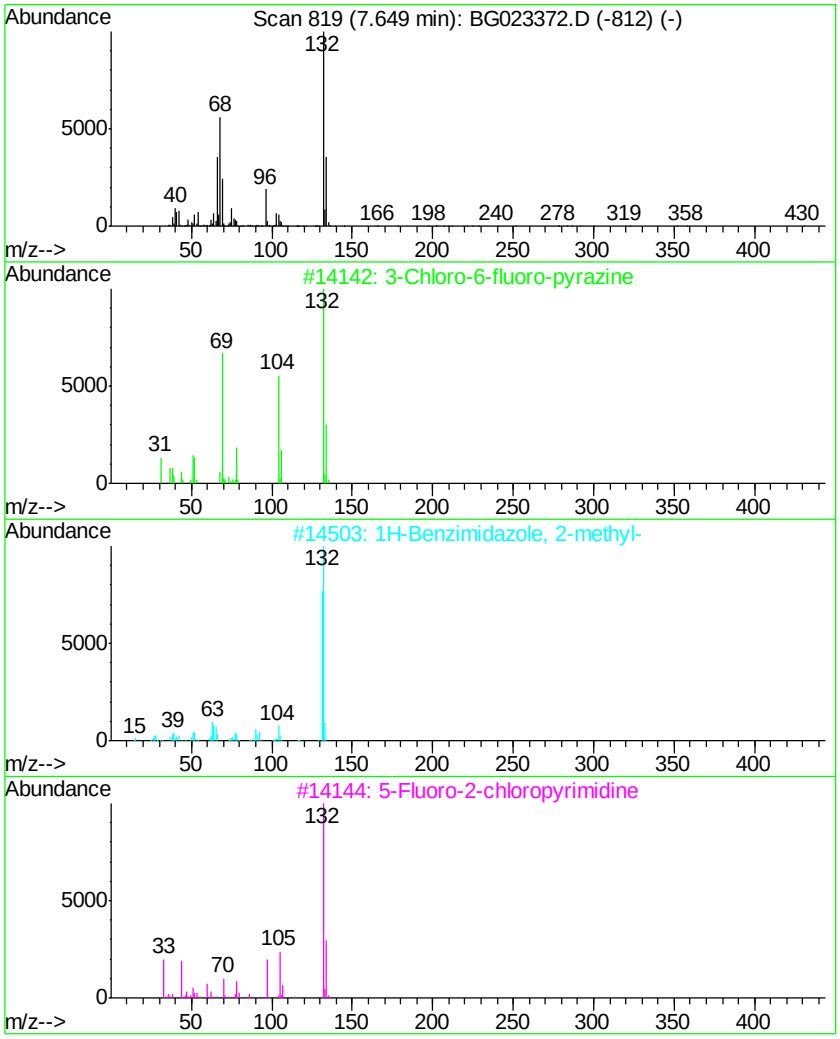
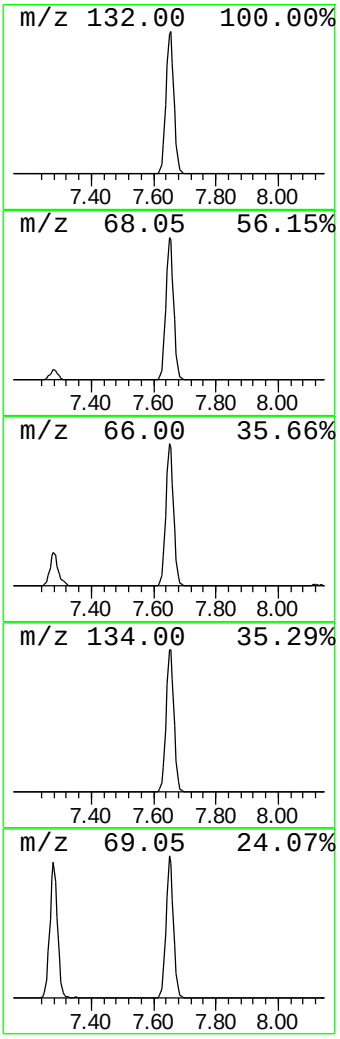
Peak Number 3 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	116.32 ng	5257750	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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ClientSampleId : AB-SLOPE(0-4)O

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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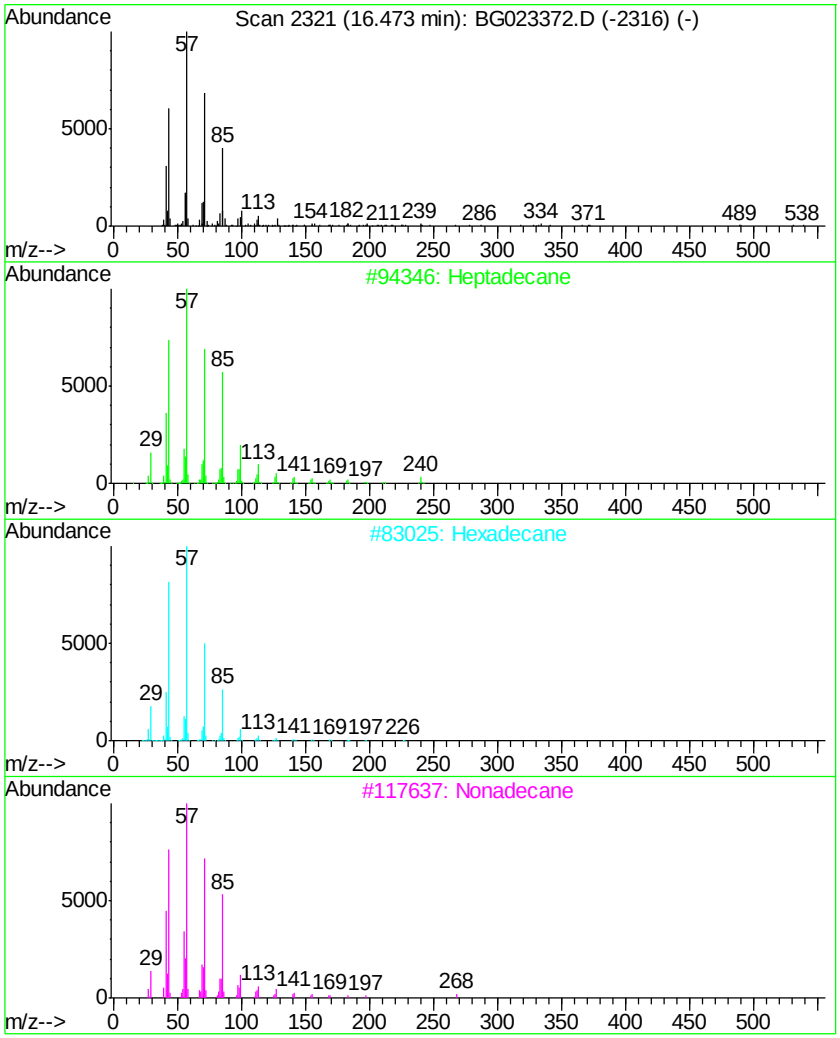
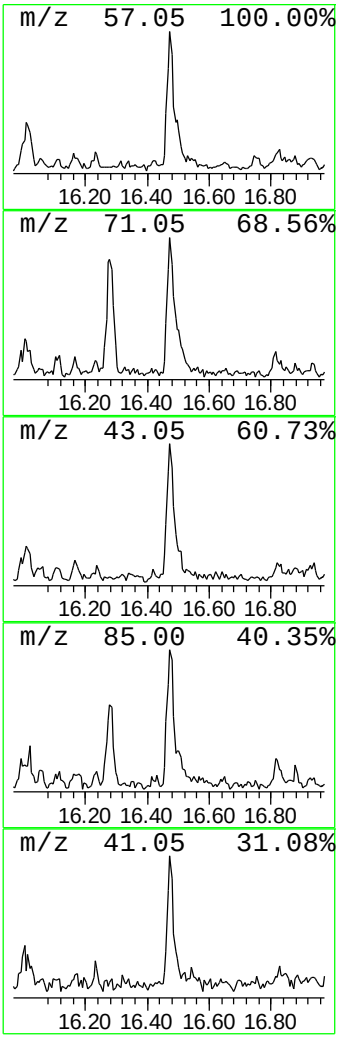
Peak Number 5 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	2.01 ng	333706	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Nonadecane	268	C19H40	000629-92-5	74
4	Eicosane	282	C20H42	000112-95-8	72
5	Tetradecane	198	C14H30	000629-59-4	72





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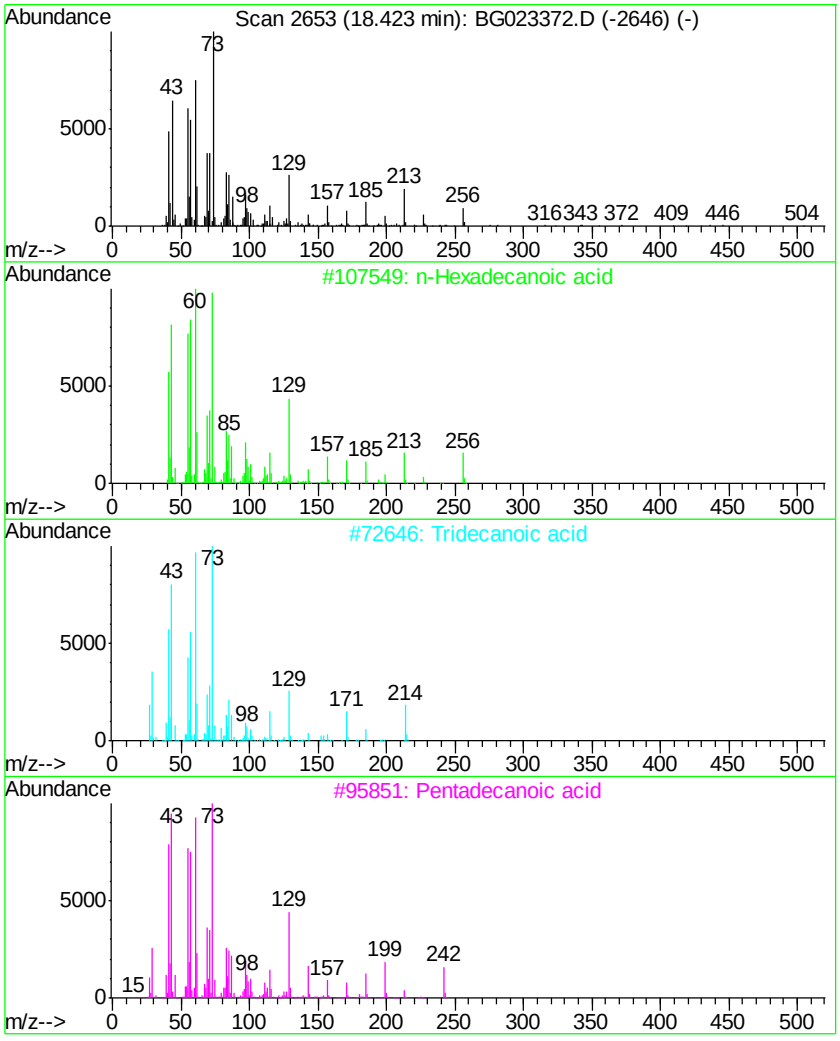
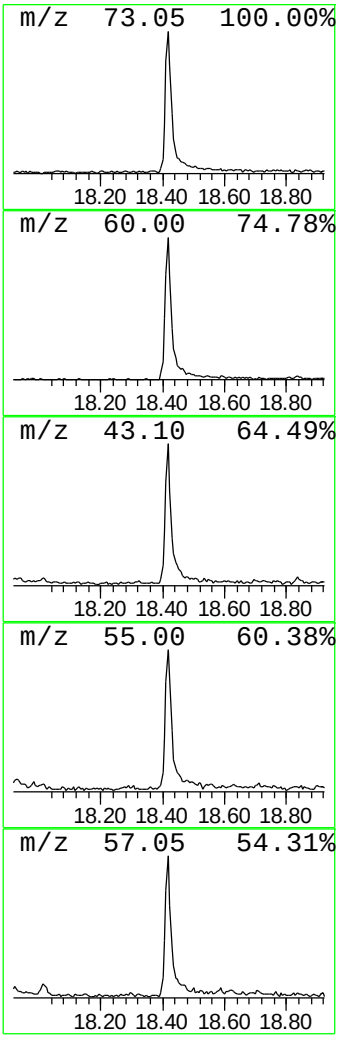
Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	6.57 ng	1090520	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	68





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Instrument : BNA_G
ClientSampleId : AB-SLOPE(0-4)O

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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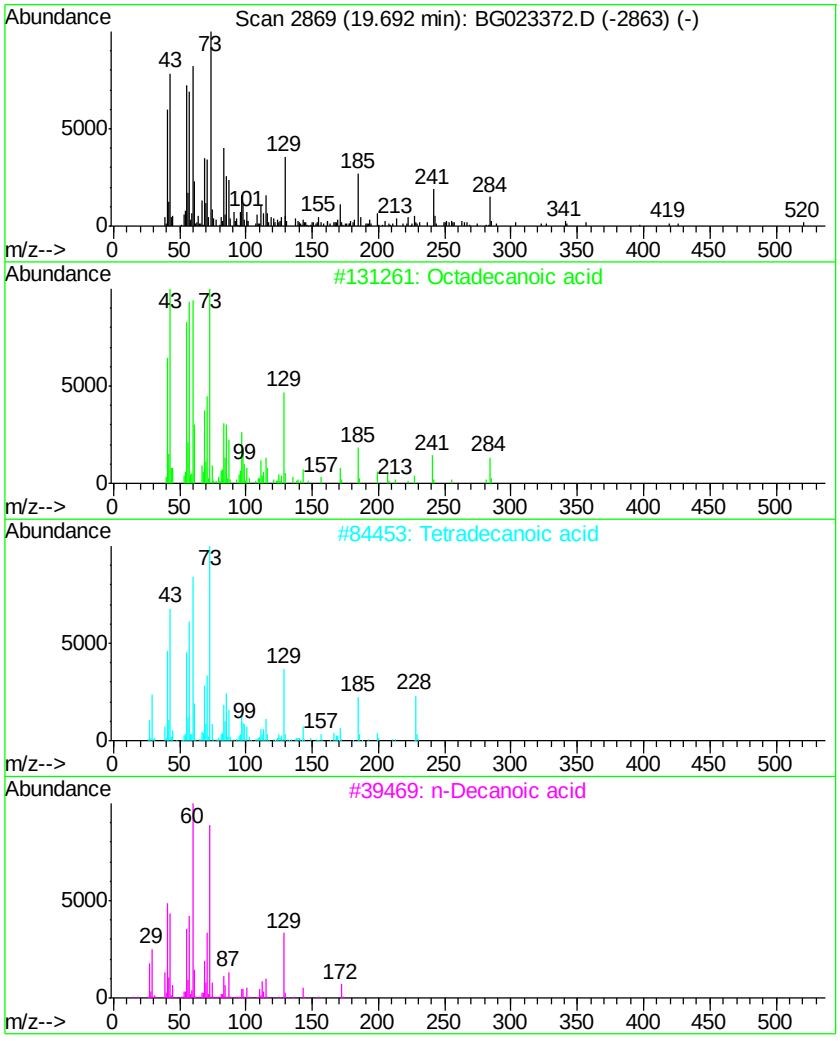
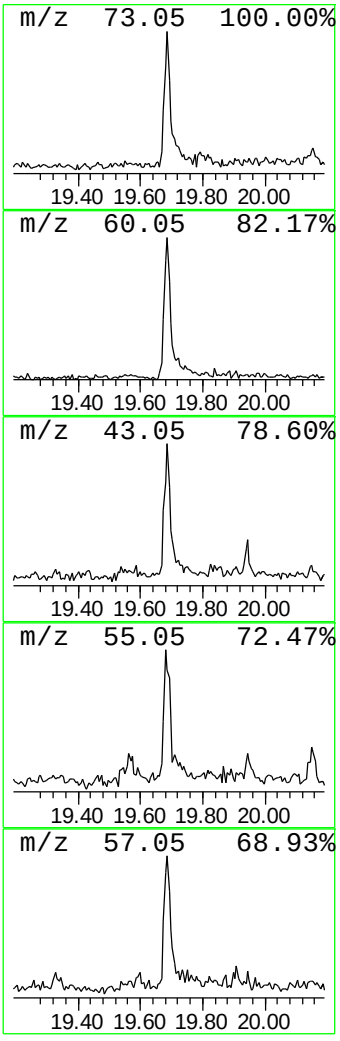
Peak Number 7 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	2.32 ng	385644	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	92
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3	n-Decanoic acid	172	C10H20O2	000334-48-5	50
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.00	3.00	2.1	ng	95980	1	8.13	903982	20.0
2-Pentanone, 4-hy...	5.19	29.2	ng	1320500	1	8.13	903982	20.0
unknown7.65	7.65	116.3	ng	5257750	1	8.13	903982	20.0
Heptadecane	16.47	2.0	ng	333706	4	17.54	3320160	20.0
n-Hexadecanoic acid	18.42	6.6	ng	1090520	4	17.54	3320160	20.0
Octadecanoic acid	19.69	2.3	ng	385644	4	17.54	3320160	20.0