LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022989.D
Acq On : 10 Jul 2016 7:29
Operator : UM/SJ
Sample : H3935-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C3-7

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-BG070816.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	3.040	29	34	52	rBV	5494887	8359355	98.24%	13.895%
2	5.220	400	405	415	rVB	241053	393675	4.63%	0.654%
3	5.696	479	486	500	rVB	2078066	3383770	39.77%	5.625%
4	7.306	751	760	769	rBV	2423910	4227088	49.68%	7.026%
5	7.682	815	824	834	rBV	2214550	3852519	45.28%	6.404%
6	8.152	896	904	913	rVB	396766	689390	8.10%	1.146%
7	8.475	950	959	966	rBV	1523403	2676520	31.45%	4.449%
8	9.321	1094	1103	1114	rBV	1500535	2729226	32.07%	4.537%
9	10.978	1378	1385	1392	rBV	603511	1091062	12.82%	1.814%
10	13.417	1790	1800	1807	rBV	3944298	6233032	73.25%	10.361%
11	14.233	1932	1939	1946	rBV	594126	906438	10.65%	1.507%
12	14.797	2026	2035	2043	rBV3	1061752	1830645	21.51%	3.043%
13	16.290	2282	2289	2296	rBV	3787083	5821367	68.41%	9.677%
14	16.484	2317	2322	2324	rBV	72017	99694	1.17%	0.166%
15	17.277	2453	2457	2461	rBV2	155862	187125	2.20%	0.311%
16	17.553	2497	2504	2509	rBV	1437431	2205694	25.92%	3.666%
17	17.594	2509	2511	2518	rVB2	113400	167900	1.97%	0.279%
18	18.422	2646	2652	2658	rBV	476536	644733	7.58%	1.072%
19	19.051	2754	2759	2763	rBV2	101621	177056	2.08%	0.294%
20	19.092	2763	2766	2771	rVB4	72579	124458	1.46%	0.207%
21	19.603	2847	2853	2858	rVB	157684	238036	2.80%	0.396%
22	19.962	2910	2914	2920	rVB	132893	195624	2.30%	0.325%
23	20.156	2937	2947	2953	rBV	6455549	8509107	100.00%	14.144%
24	21.454	3164	3168	3174	rBV6	98470	181172	2.13%	0.301%
25	21.848	3227	3235	3240	rBV	1480023	2673322	31.42%	4.444%
26	24.122	3618	3622	3629	rBV3	53750	130869	1.54%	0.218%
27	25.197	3795	3805	3816	rBV3	812992	2430890	28.57%	4.041%

Sum of corrected areas: 60159767

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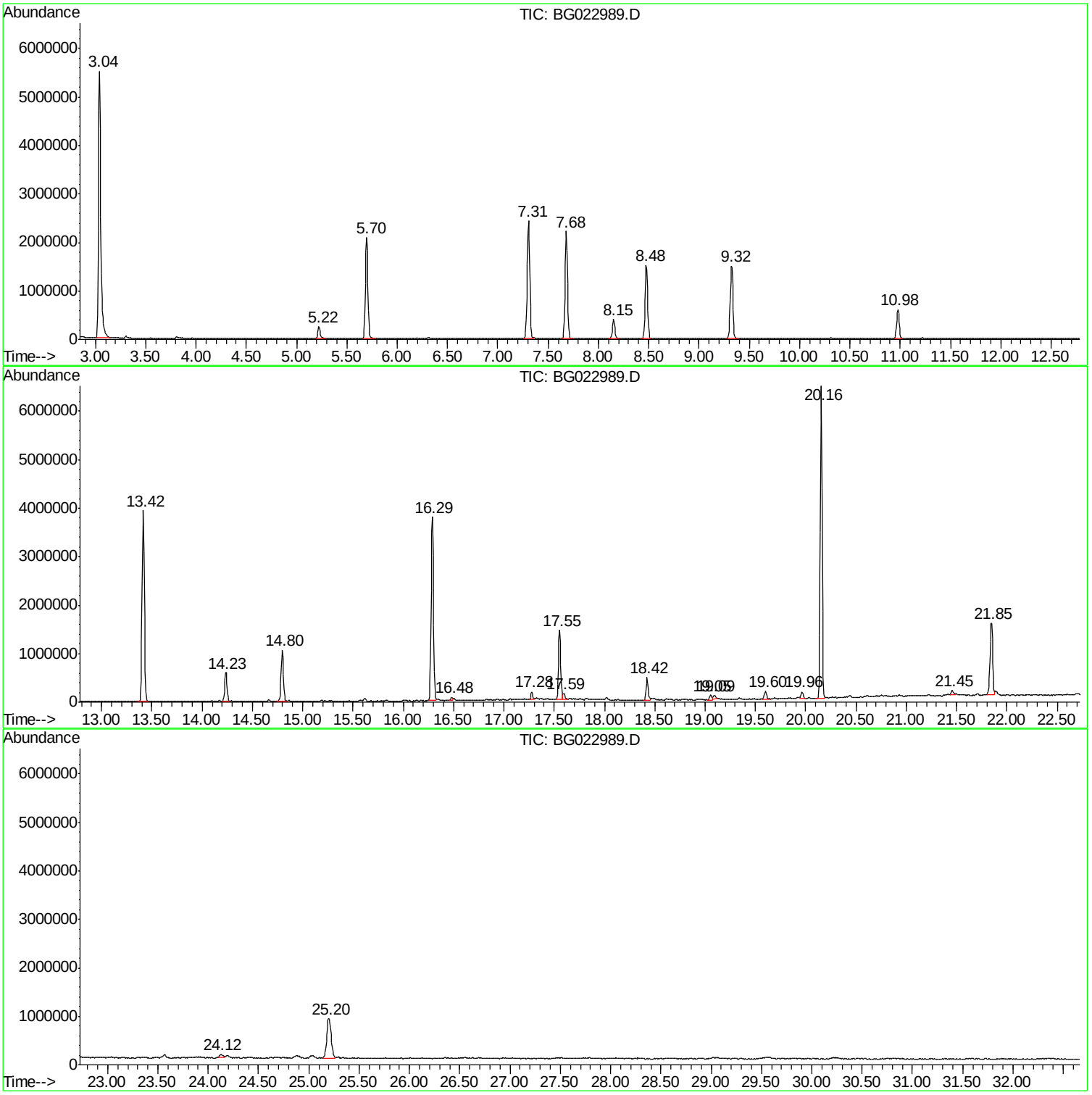
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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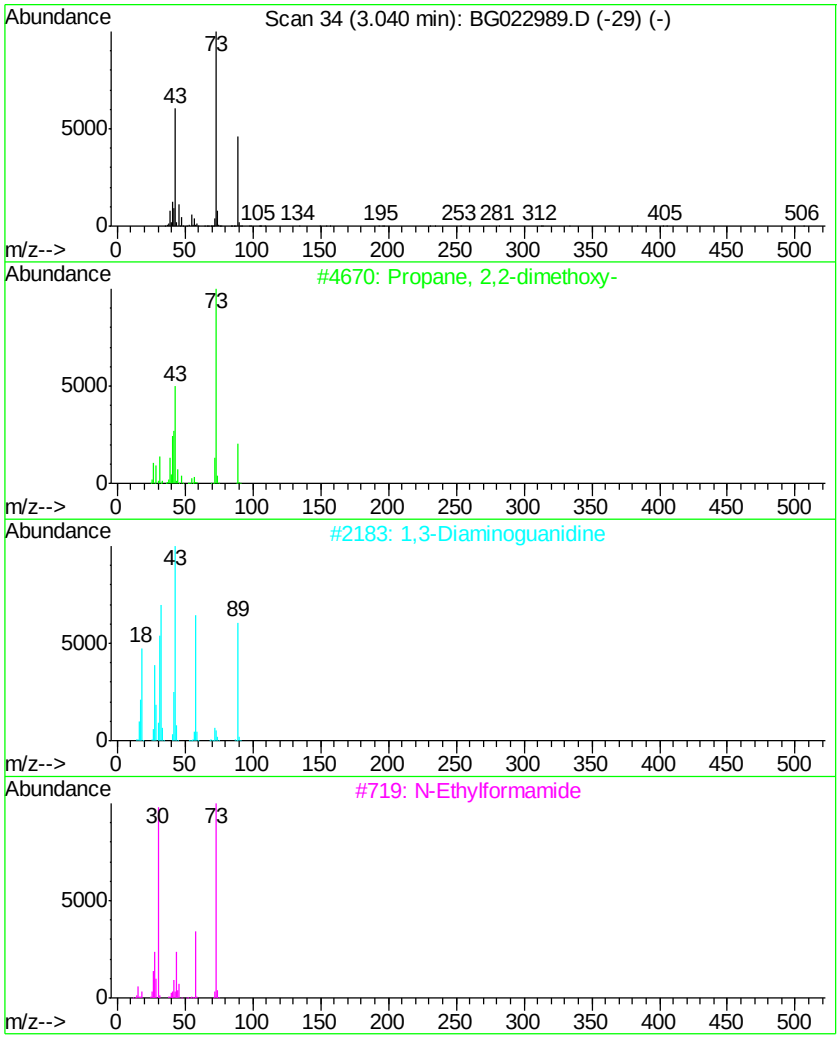
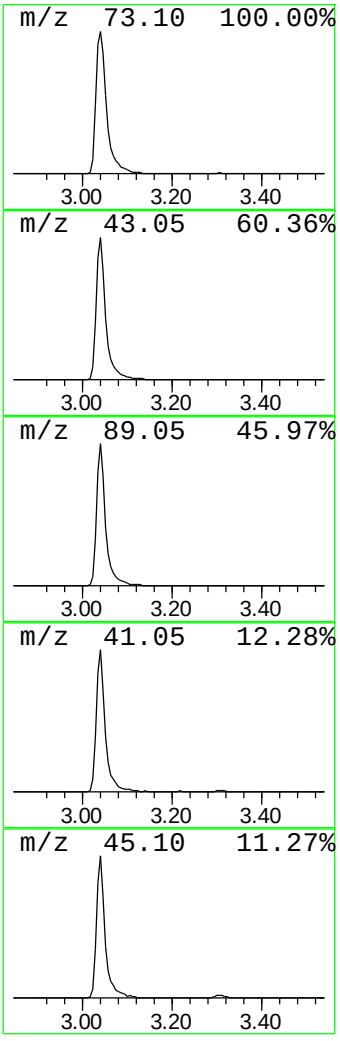
Peak Number 1 unknown3.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	242.52 ng	8359360	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9





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ClientSampleId : C3-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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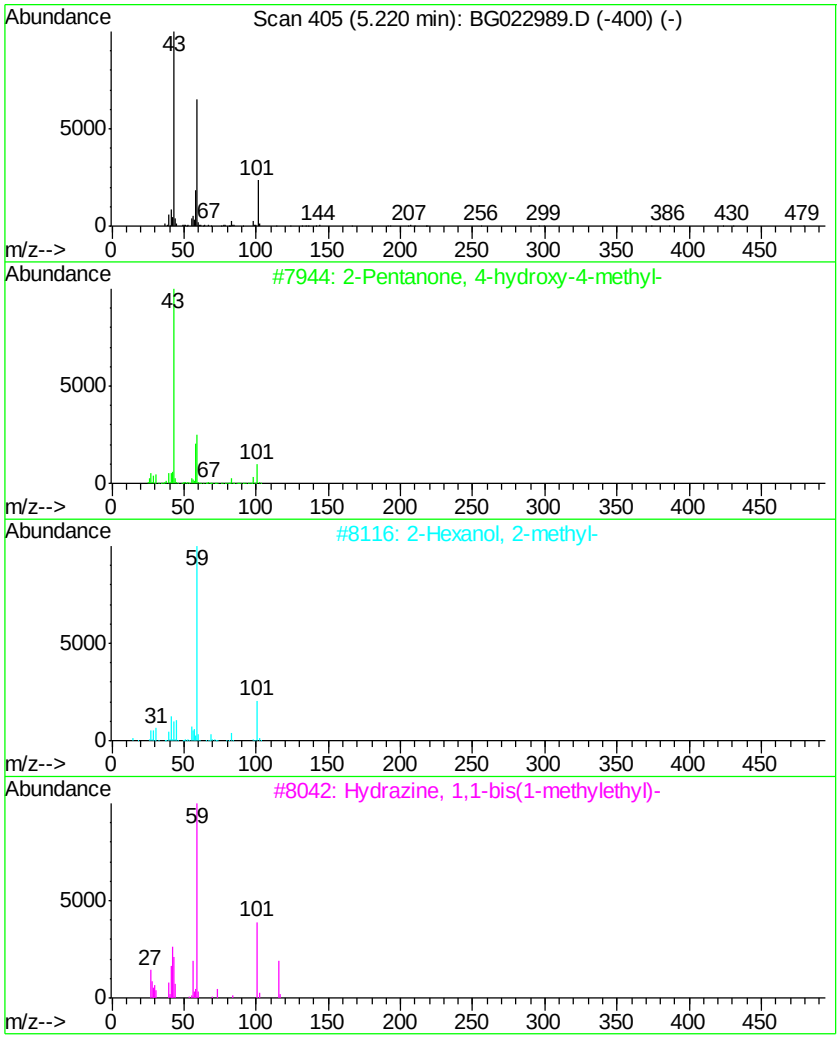
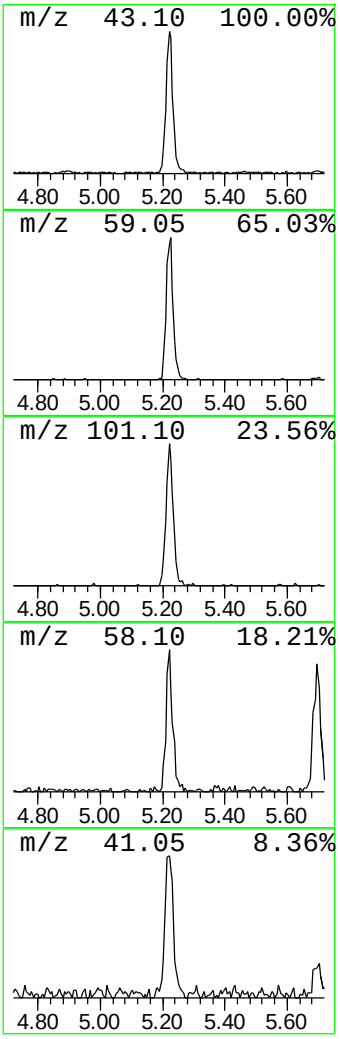
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	11.42 ng	393675	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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Sample : H3935-08
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C3-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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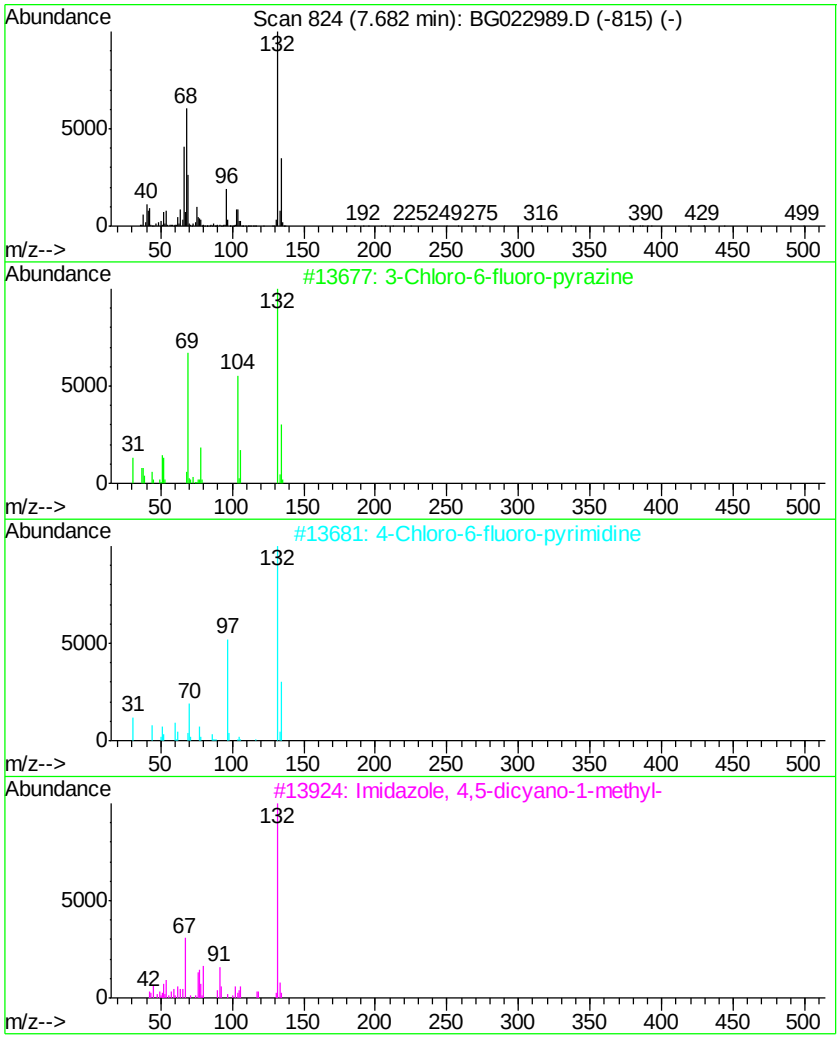
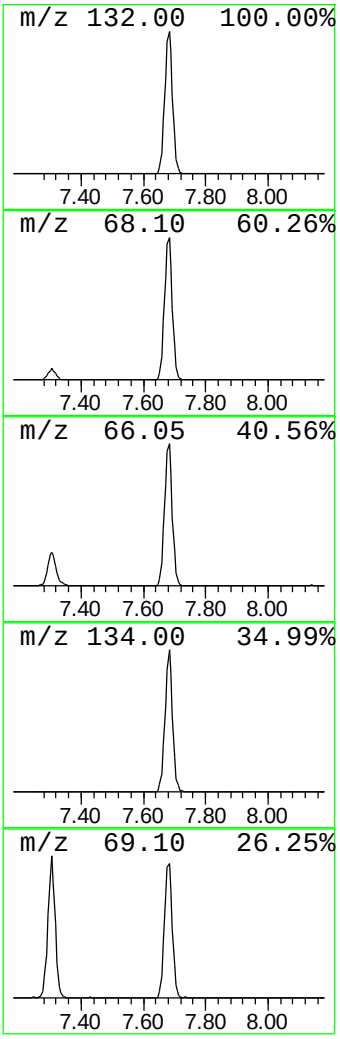
Peak Number 3 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	111.77 ng	3852520	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	18
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	11
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





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Instrument : BNA_G
ClientSampleId : C3-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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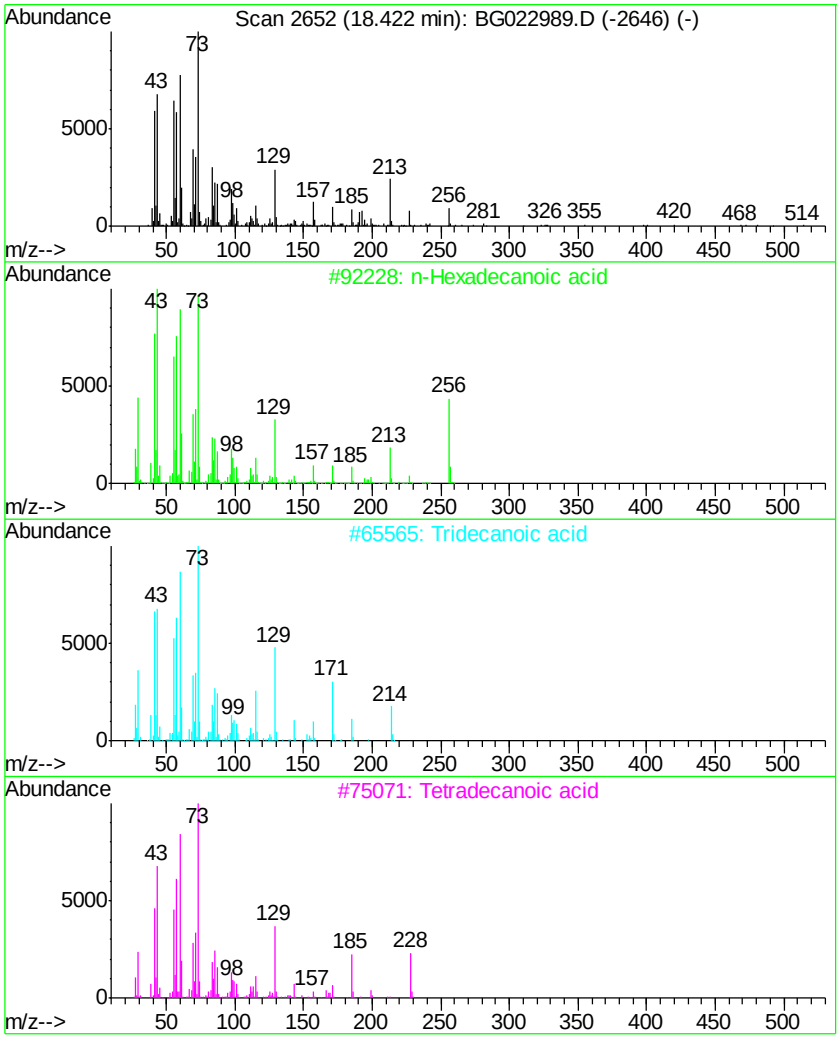
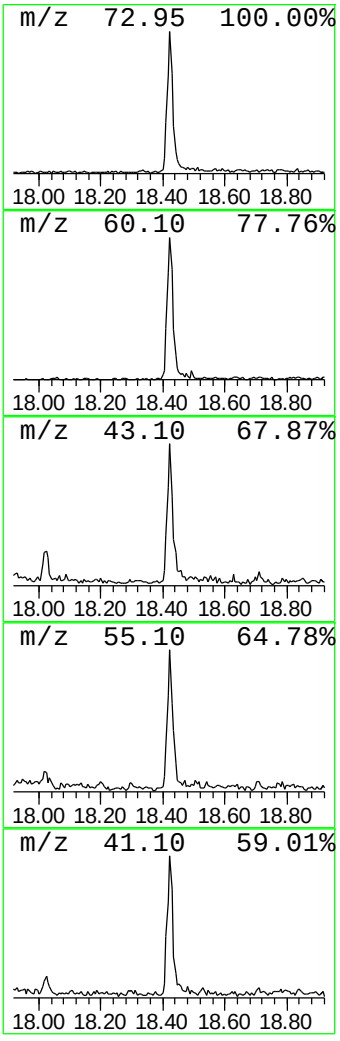
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	5.85 ng	644733	Phenanthrene-d10	17.55

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	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	59
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	45





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.04	3.04	242.5	ng	8359360	1	8.15	689390	20.0
2-Pentanone, 4-hy...	5.22	11.4	ng	393675	1	8.15	689390	20.0
unknown7.68	7.68	111.8	ng	3852520	1	8.15	689390	20.0
n-Hexadecanoic acid	18.42	5.8	ng	644733	4	17.55	2205690	20.0