LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022261.D
Acq On : 9 Jun 2016 9:55
Operator : UM/SJ
Sample : H3402-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-42

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-BG060616.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	2.985	19	25	40	rVB	421555	711361	64.24%	5.223%
2	5.189	393	400	409	rBV2	16572	33189	3.00%	0.244%
3	5.664	474	481	495	rBV	164049	320575	28.95%	2.354%
4	7.274	748	755	768	rBV	191385	380925	34.40%	2.797%
5	7.644	811	818	830	rBV	212597	417369	37.69%	3.064%
6	8.114	889	898	912	rBV	113868	217851	19.67%	1.600%
7	8.438	945	953	962	rBV	166392	329359	29.74%	2.418%
8	9.284	1089	1097	1110	rBV	103089	232687	21.01%	1.708%
9	10.935	1370	1378	1386	rBV	191064	391748	35.38%	2.876%
10	13.367	1784	1792	1807	rBV	438901	745046	67.29%	5.470%
11	14.190	1927	1932	1937	rBV	21937	33946	3.07%	0.249%
12	14.748	2017	2027	2033	rBV2	311940	576142	52.03%	4.230%
13	14.807	2033	2037	2044	rVB2	29976	54143	4.89%	0.398%
14	15.142	2087	2094	2101	rBV2	11398	23063	2.08%	0.169%
15	15.788	2199	2204	2214	rBV2	25463	47008	4.25%	0.345%
16	16.082	2250	2254	2262	rVB2	7085	12943	1.17%	0.095%
17	16.229	2273	2279	2289	rBV	254206	441098	39.84%	3.239%
18	16.422	2307	2312	2314	rBV2	8405	13147	1.19%	0.097%
19	17.151	2431	2436	2440	rBV4	7514	13706	1.24%	0.101%
20	17.210	2442	2446	2453	rBV6	12347	25725	2.32%	0.189%
21	17.310	2458	2463	2468	rVB2	15212	23379	2.11%	0.172%
22	17.486	2486	2493	2497	rBV2	353539	621069	56.09%	4.560%
23	17.533	2497	2501	2508	rVV	300026	488235	44.09%	3.585%
24	17.621	2510	2516	2521	rVB	59063	101166	9.14%	0.743%
25	17.891	2556	2562	2570	rBV3	18539	45990	4.15%	0.338%
26	18.073	2588	2593	2598	rVB7	6872	12660	1.14%	0.093%
27	18.361	2636	2642	2646	rBV2	35070	56768	5.13%	0.417%
28	18.408	2646	2650	2656	rVB	42002	73806	6.67%	0.542%
29	18.491	2659	2664	2669	rBV	19011	28704	2.59%	0.211%
30	18.555	2669	2675	2680	rBV3	58894	128882	11.64%	0.946%
31	18.808	2712	2718	2722	rBV8	9677	17680	1.60%	0.130%
32	18.855	2722	2726	2730	rVV	23328	34918	3.15%	0.256%
33	18.902	2730	2734	2739	rVB4	12874	19426	1.75%	0.143%
34	19.090	2760	2766	2772	rBV6	18466	36650	3.31%	0.269%

LSC Area Percent Report

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Acq On : 9 Jun 2016 9:55
Operator : UM/SJ
Sample : H3402-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-42

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-BG060616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.184	2780	2782	2789	rVB5	8764	12923	1.17%	0.095%
36	19.272	2791	2797	2800	rBV3	26816	51085	4.61%	0.375%
37	19.413	2816	2821	2828	rBV2	23760	44703	4.04%	0.328%
38	19.531	2835	2841	2847	rBV	459107	741369	66.95%	5.443%
39	19.625	2855	2857	2861	rVB4	9949	11813	1.07%	0.087%
40	19.777	2877	2883	2886	rBV3	14867	30939	2.79%	0.227%
41	19.895	2891	2903	2911	rBV	422612	797394	72.01%	5.855%
42	19.965	2911	2915	2920	rVB4	27455	46210	4.17%	0.339%
43	20.083	2923	2935	2941	rBV	623400	955819	86.32%	7.018%
44	20.130	2941	2943	2950	rVB2	25654	42778	3.86%	0.314%
45	20.224	2952	2959	2963	rVV4	29946	68919	6.22%	0.506%
46	20.294	2965	2971	2975	rVV2	44767	70996	6.41%	0.521%
47	20.382	2976	2986	2992	rVB	59070	142195	12.84%	1.044%
48	20.482	2998	3003	3007	rBV	49575	81369	7.35%	0.597%
49	20.541	3010	3013	3017	rVB	31964	41391	3.74%	0.304%
50	20.682	3033	3037	3040	rBV2	28432	45656	4.12%	0.335%
51	21.152	3113	3117	3125	rVB	26722	49982	4.51%	0.367%
52	21.340	3142	3149	3151	rBV4	32866	66665	6.02%	0.489%
53	21.375	3152	3155	3160	rVV2	38940	68218	6.16%	0.501%
54	21.434	3161	3165	3170	rVB4	29294	51361	4.64%	0.377%
55	21.622	3192	3197	3203	rVB	44166	74869	6.76%	0.550%
56	21.763	3209	3221	3226	rBV3	417904	1107292	100.00%	8.130%
57	21.810	3226	3229	3239	rVB	175008	311273	28.11%	2.285%
58	21.969	3251	3256	3264	rVB	34738	71774	6.48%	0.527%
59	22.039	3264	3268	3270	rBV5	12817	20280	1.83%	0.149%
60	22.186	3289	3293	3297	rVB5	17523	32681	2.95%	0.240%
61	24.013	3595	3604	3628	rVB3	122206	599452	54.14%	4.401%
62	24.754	3722	3730	3742	rVB	72701	232038	20.96%	1.704%
63	24.907	3746	3756	3768	rBV3	100647	341422	30.83%	2.507%
64	25.059	3771	3782	3794	rBV2	173221	628774	56.78%	4.617%
65	28.820	4414	4422	4424	rBV3	27669	67634	6.11%	0.497%

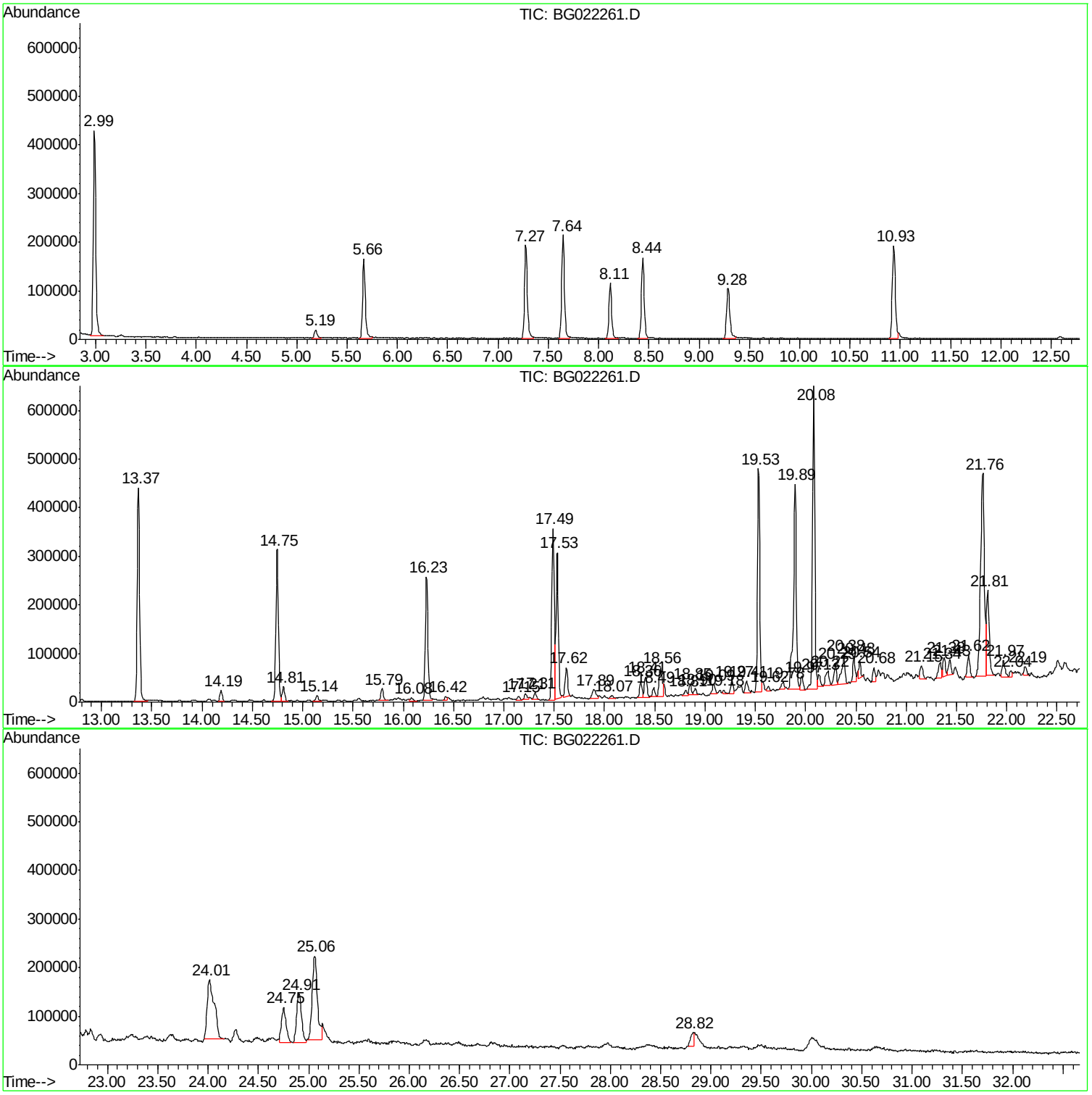
Sum of corrected areas: 13619638

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022261.D
Acq On : 9 Jun 2016 9:55
Operator : UM/SJ
Sample : H3402-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-42

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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

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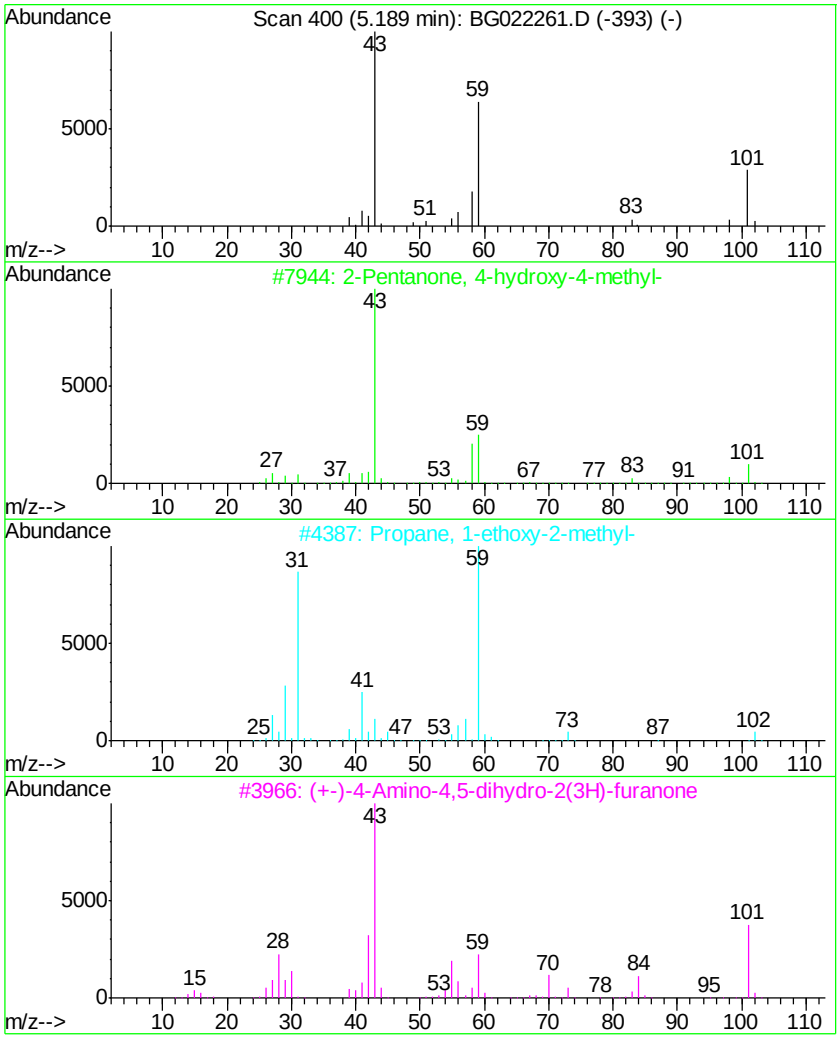
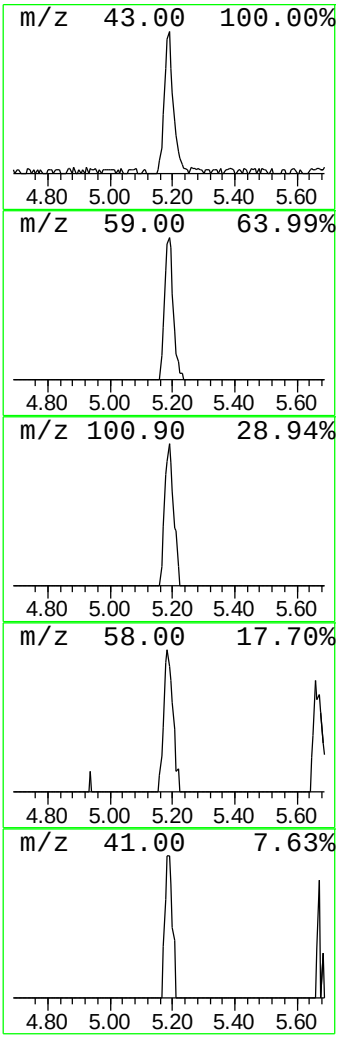
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	3.05 ng	33189	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	38
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	28
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
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Acq On : 9 Jun 2016 9:55
Operator : UM/SJ
Sample : H3402-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-42

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

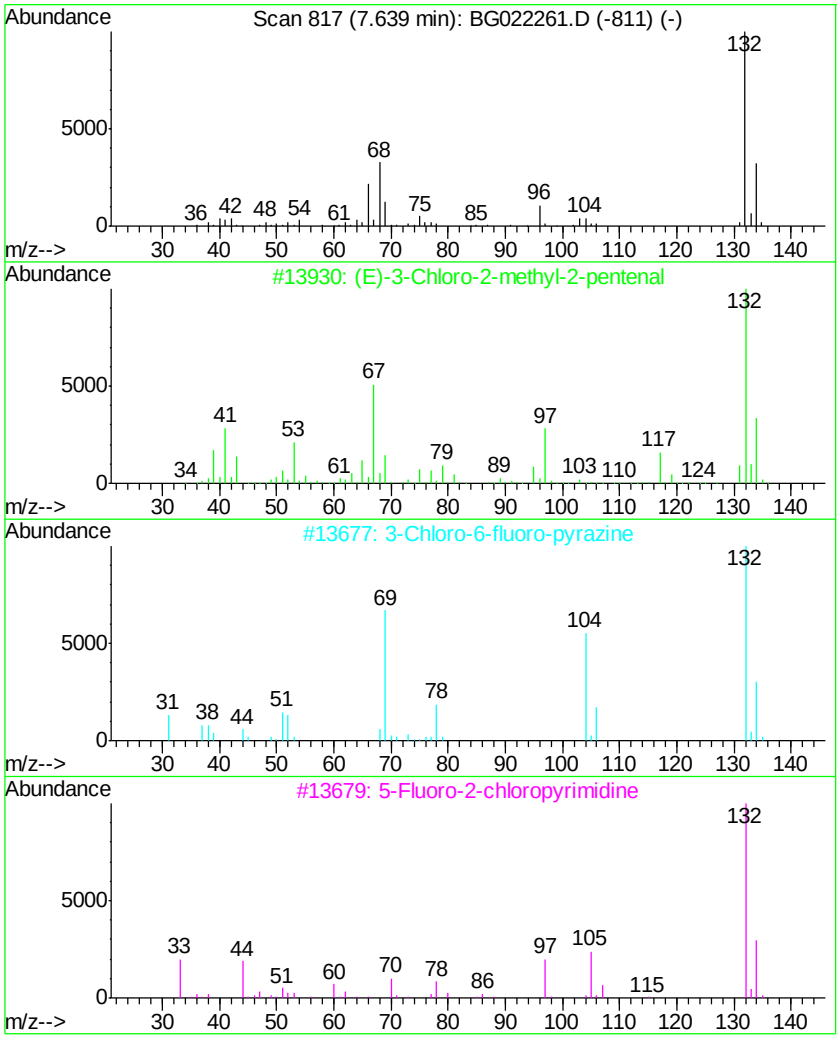
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

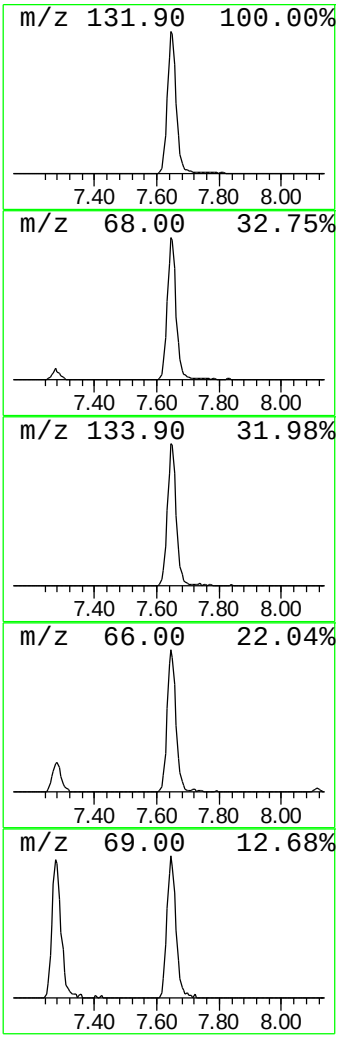
****

Peak Number 3 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	38.32 ng	417369	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	Xenon	132	Xe	007440-63-3	9





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Instrument : BNA_G
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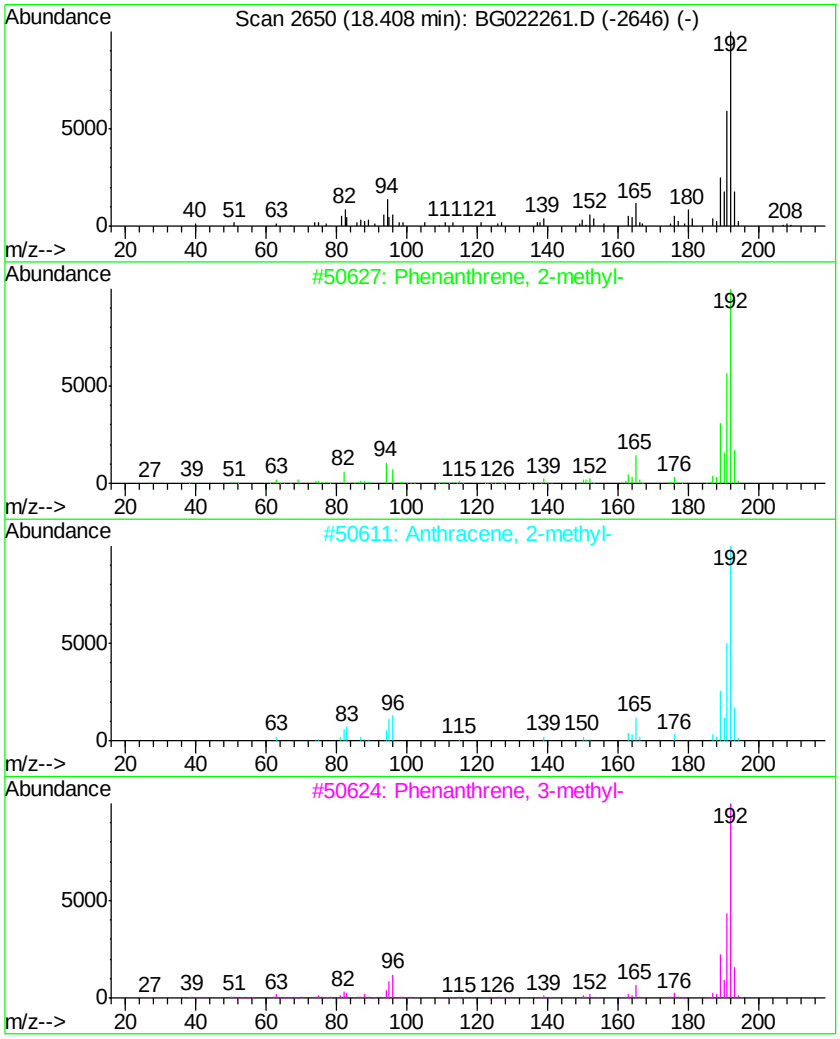
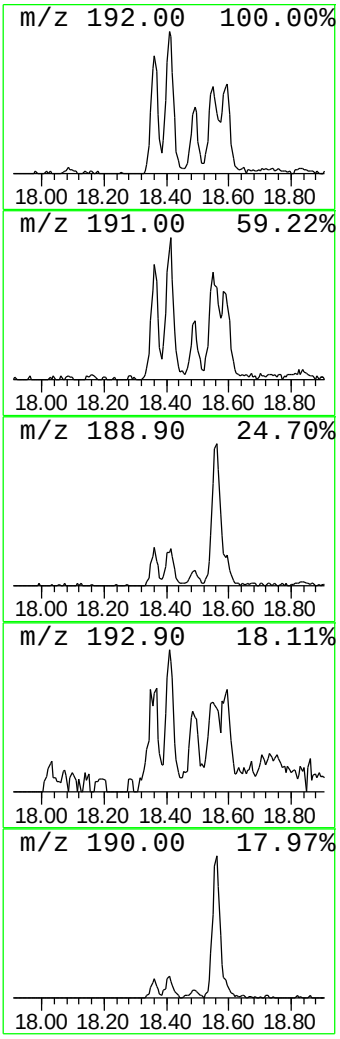
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.38 ng	73806	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	89
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
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Operator : UM/SJ
Sample : H3402-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-42

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

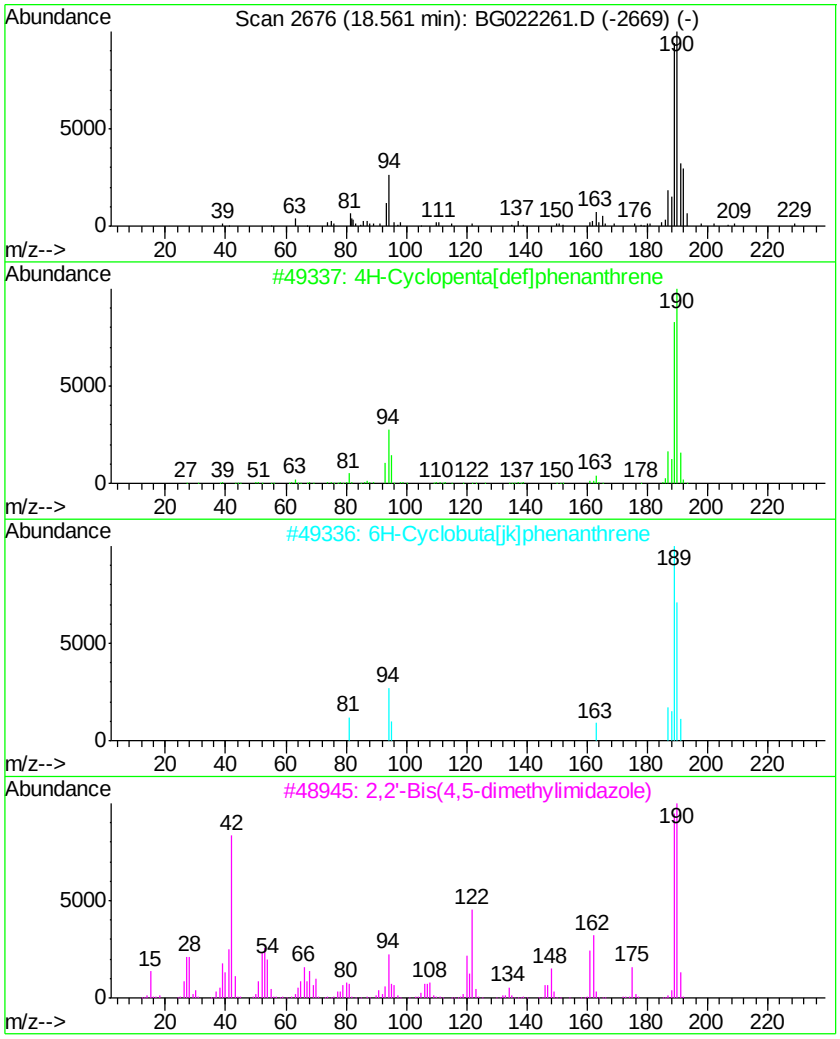
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

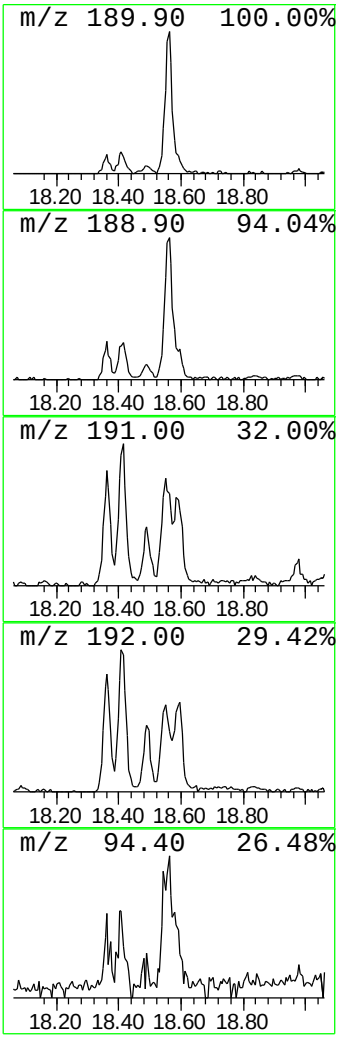
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	4.15 ng	128882	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	36
4	4-Isothiazolecarbonitrile, 5-chl...	190	C5H3ClN2S2	054798-93-5	17
5	4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	17





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Misc :
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Instrument : BNA_G
ClientSampleId : SS-42

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

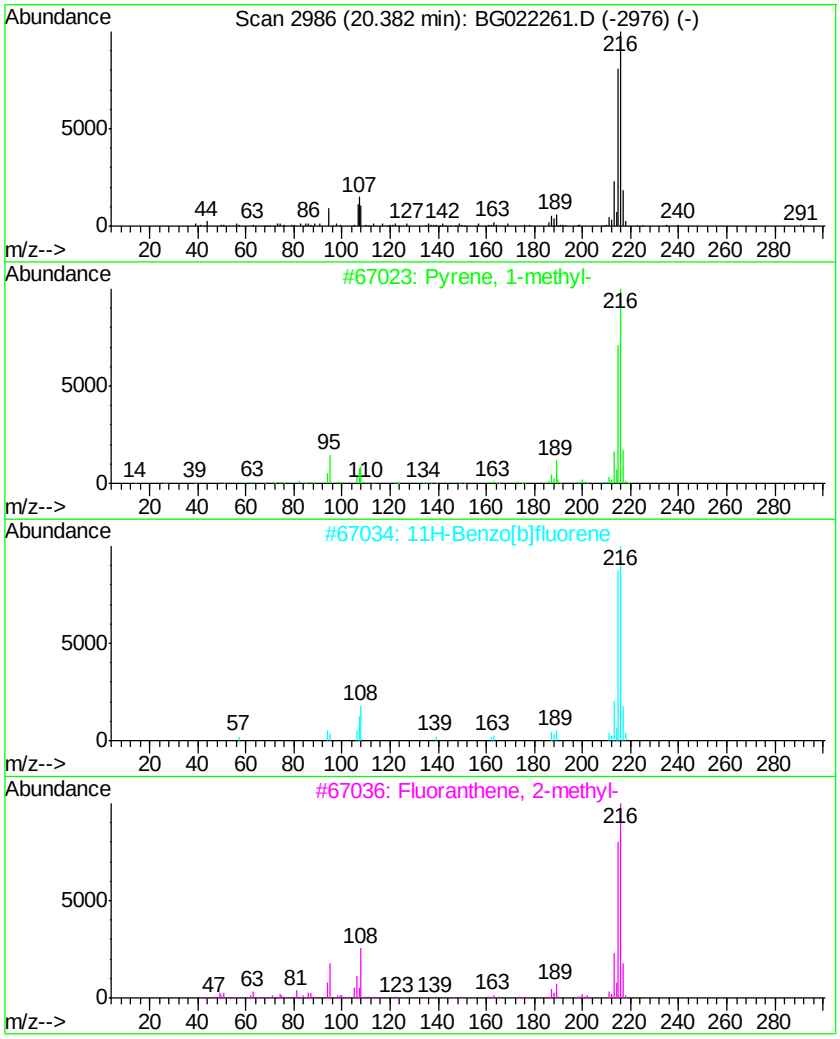
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

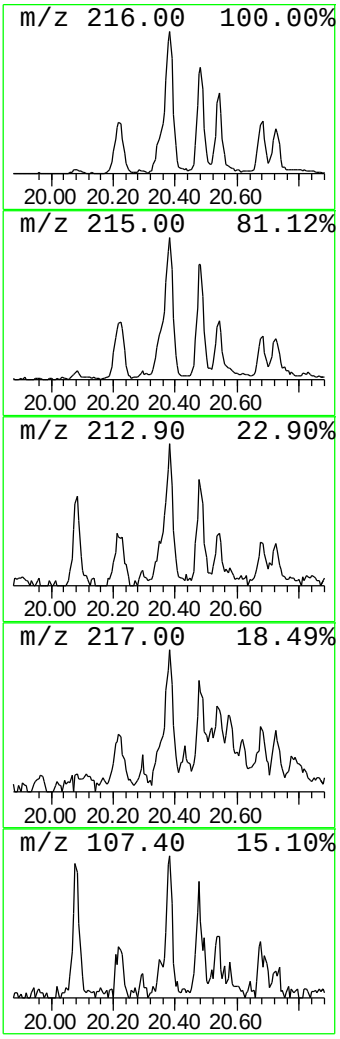
****

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	2.57 ng	142195	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060916\
Data File : BG022261.D
Acq On : 9 Jun 2016 9:55
Operator : UM/SJ
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Misc :
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.19	3.0	ng	33189	1	8.11	217851	20.0
unknown7.64	7.64	38.3	ng	417369	1	8.11	217851	20.0
Phenanthrene, 2-m...	18.41	2.4	ng	73806	4	17.49	621069	20.0
4H-Cyclopenta[def...	18.56	4.2	ng	128882	4	17.49	621069	20.0
Pyrene, 1-methyl-	20.38	2.6	ng	142195	5	21.76	1107290	20.0