LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
Data File : BG022239.D
Acq On : 8 Jun 2016 17:30
Operator : UM/SJ
Sample : H3402-02 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-39

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	2.984	20	25	40	rVB	406118	654230	70.92%	5.831%
2	5.187	394	400	407	rBV	14326	27015	2.93%	0.241%
3	5.663	474	481	494	rBV	141807	278295	30.17%	2.480%
4	7.273	748	755	769	rBV	166915	333008	36.10%	2.968%
5	7.649	810	819	836	rBV	176904	362728	39.32%	3.233%
6	8.119	890	899	908	rBV	101518	203245	22.03%	1.812%
7	8.442	945	954	968	rBV	142138	285178	30.91%	2.542%
8	9.288	1086	1098	1110	rBV	86736	195707	21.21%	1.744%
9	10.933	1368	1378	1392	rBV	174577	372834	40.42%	3.323%
10	13.366	1784	1792	1807	rBV	379931	646696	70.10%	5.764%
11	14.188	1925	1932	1938	rBV	36436	59537	6.45%	0.531%
12	14.747	2018	2027	2034	rBV2	311916	549900	59.61%	4.901%
13	14.805	2034	2037	2045	rVB2	16892	27097	2.94%	0.242%
14	15.140	2087	2094	2101	rBV3	5307	9981	1.08%	0.089%
15	15.792	2199	2205	2216	rVB2	13169	25349	2.75%	0.226%
16	16.233	2274	2280	2293	rBV	216605	370116	40.12%	3.299%
17	16.421	2307	2312	2327	rVB9	8247	22239	2.41%	0.198%
18	17.150	2431	2436	2442	rBV6	6646	12719	1.38%	0.113%
19	17.214	2442	2447	2453	rBV6	12724	24337	2.64%	0.217%
20	17.314	2459	2464	2470	rVB2	8764	14750	1.60%	0.131%
21	17.490	2484	2494	2498	rBV	350740	601802	65.24%	5.364%
22	17.532	2498	2501	2508	rVV	187105	291782	31.63%	2.601%
23	17.626	2510	2517	2523	rVB	36825	66531	7.21%	0.593%
24	17.849	2549	2555	2556	rBV4	7749	9829	1.07%	0.088%
25	17.896	2558	2563	2568	rVV3	11149	28050	3.04%	0.250%
26	17.949	2568	2572	2576	rVB5	10551	15931	1.73%	0.142%
27	18.360	2637	2642	2646	rBV2	22186	37428	4.06%	0.334%
28	18.413	2646	2651	2657	rVB2	31296	51068	5.54%	0.455%
29	18.489	2659	2664	2669	rBV4	12114	19324	2.09%	0.172%
30	18.554	2669	2675	2686	rBV3	39074	109110	11.83%	0.973%
31	18.854	2720	2726	2730	rBV2	14660	25081	2.72%	0.224%
32	18.906	2730	2735	2739	rVB7	11079	20112	2.18%	0.179%
33	19.094	2760	2767	2771	rBV10	9234	18713	2.03%	0.167%
34	19.212	2780	2787	2791	rBV8	15716	36646	3.97%	0.327%

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

35	19.265	2792	2796	2803	rVV2	23845	48897	5.30%	0.436%
36	19.329	2803	2807	2815	rVB6	10190	27149	2.94%	0.242%
37	19.412	2816	2821	2828	rVB3	17051	35551	3.85%	0.317%
38	19.529	2835	2841	2848	rBV	329953	530755	57.53%	4.731%
39	19.623	2854	2857	2863	rVB7	8094	13417	1.45%	0.120%
40	19.753	2877	2879	2881	rBV3	9893	11019	1.19%	0.098%
41	19.894	2891	2903	2910	rBV	306057	562757	61.00%	5.016%
42	19.964	2911	2915	2920	rVB3	18605	27871	3.02%	0.248%
43	20.082	2929	2935	2941	rBV	557607	790011	85.64%	7.041%
44	20.211	2951	2957	2965	rBV3	23255	57068	6.19%	0.509%
45	20.375	2975	2985	2991	rBV	42394	113807	12.34%	1.014%
46	20.481	2998	3003	3007	rBV2	32629	52436	5.68%	0.467%
47	20.540	3007	3013	3017	rVV5	23028	48318	5.24%	0.431%
48	20.681	3033	3037	3040	rBV	21984	39006	4.23%	0.348%
49	20.722	3042	3044	3048	rVB3	15984	20813	2.26%	0.186%
50	20.816	3057	3060	3065	rBV5	16153	20203	2.19%	0.180%
51	21.151	3113	3117	3124	rVB2	20115	34889	3.78%	0.311%
52	21.339	3144	3149	3152	rBV4	18766	33692	3.65%	0.300%
53	21.374	3152	3155	3160	rVV3	27225	42504	4.61%	0.379%
54	21.427	3161	3164	3170	rVB2	19214	32074	3.48%	0.286%
55	21.762	3210	3221	3226	rBV3	375364	922504	100.00%	8.222%
56	21.809	3226	3229	3242	rVB	125599	239671	25.98%	2.136%
57	21.962	3252	3255	3263	rVB3	24243	48635	5.27%	0.433%
58	24.012	3595	3604	3621	rBV3	91921	462380	50.12%	4.121%
59	24.271	3643	3648	3656	rVB4	17058	43223	4.69%	0.385%
60	24.741	3724	3728	3741	rVB2	54860	162480	17.61%	1.448%
61	24.905	3747	3756	3768	rVB2	76864	237124	25.70%	2.113%
62	25.052	3772	3781	3792	rBV2	170743	565983	61.35%	5.045%
63	28.830	4413	4424	4442	rVB5	28220	141794	15.37%	1.264%
64	29.993	4612	4622	4623	rBV2	21234	47133	5.11%	0.420%

Sum of corrected areas: 11219532

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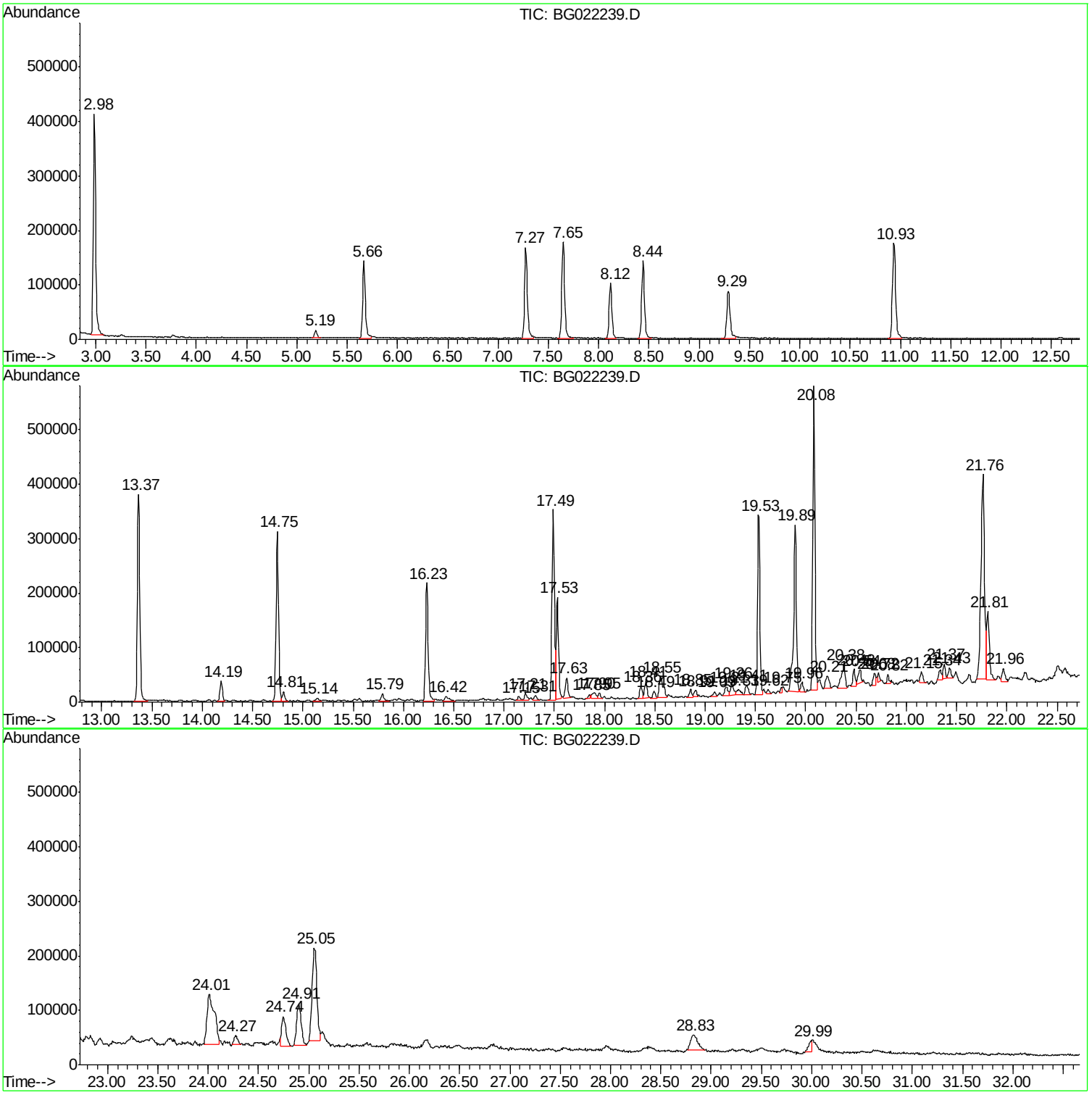
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-39

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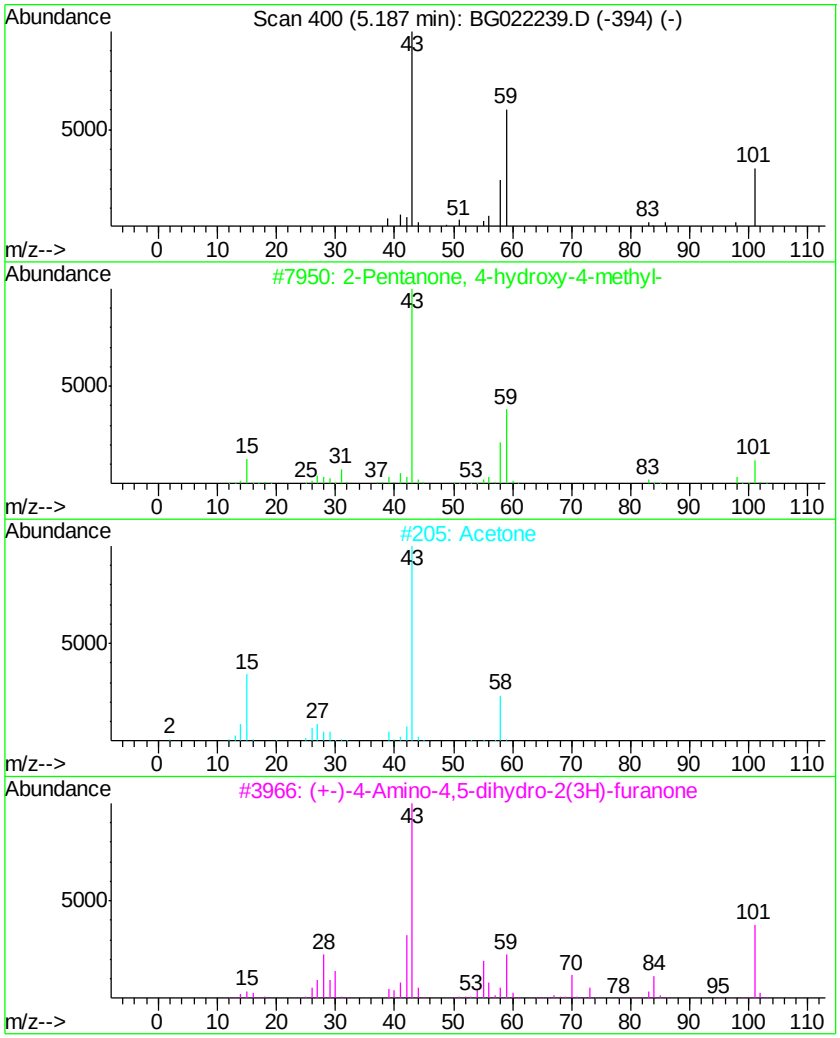
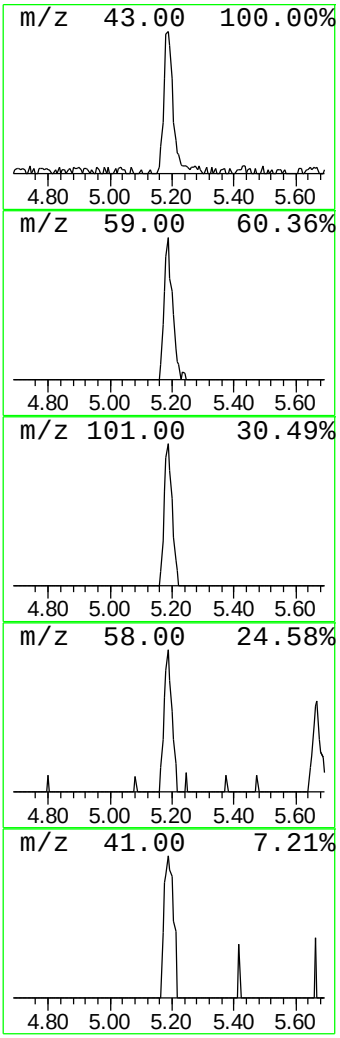
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	2.66 ng	27015	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	Acetone	58	C3H6O	000067-64-1	9
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9





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Instrument : BNA_G
ClientSampleId : SS-39

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

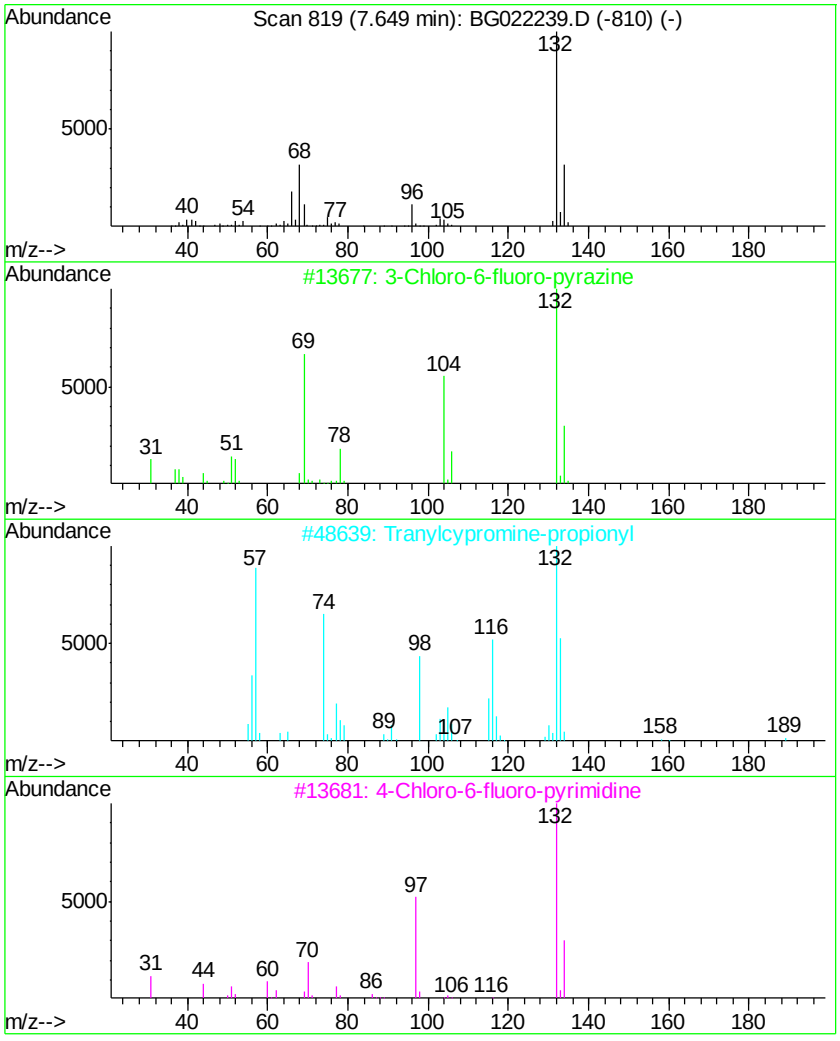
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

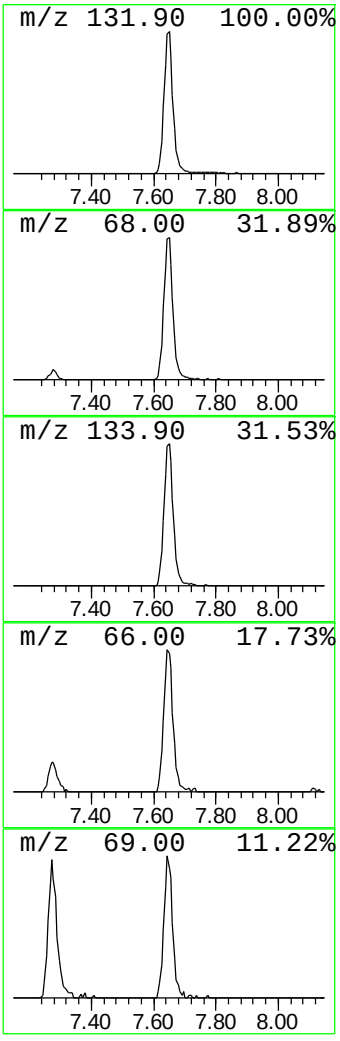
****

Peak Number 3 3-Chloro-6-fluoro-pyrazine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	35.69 ng	362728	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	50
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	32
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-39

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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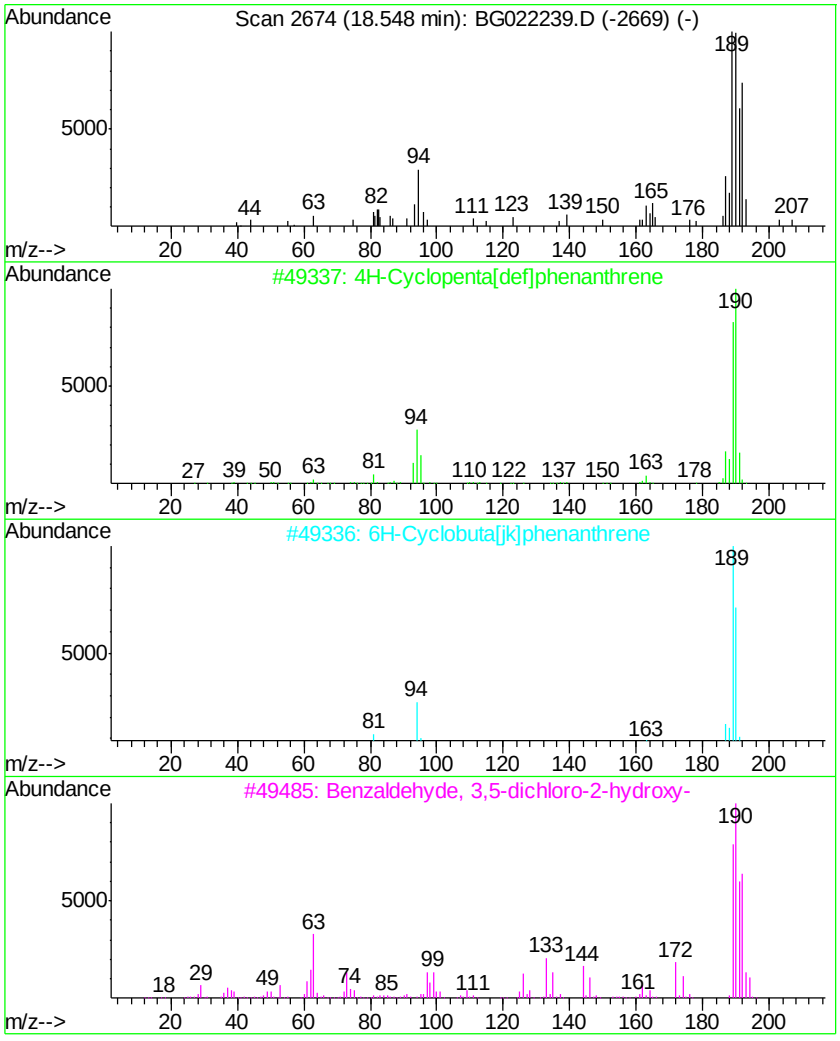
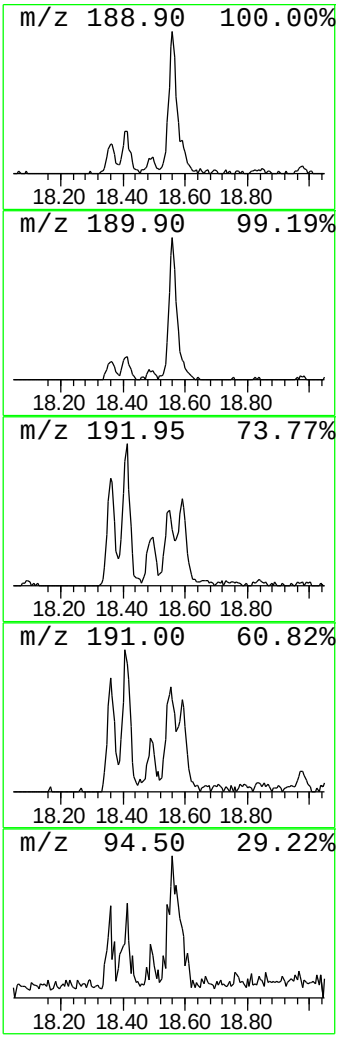
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	3.63 ng	109110	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	33
4	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	10
5	3-Chloropropionic acid, 2-bromo-...	280	C9H7BrClFO2	1000293-65-0	10





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Instrument : BNA_G
ClientSampleId : SS-39

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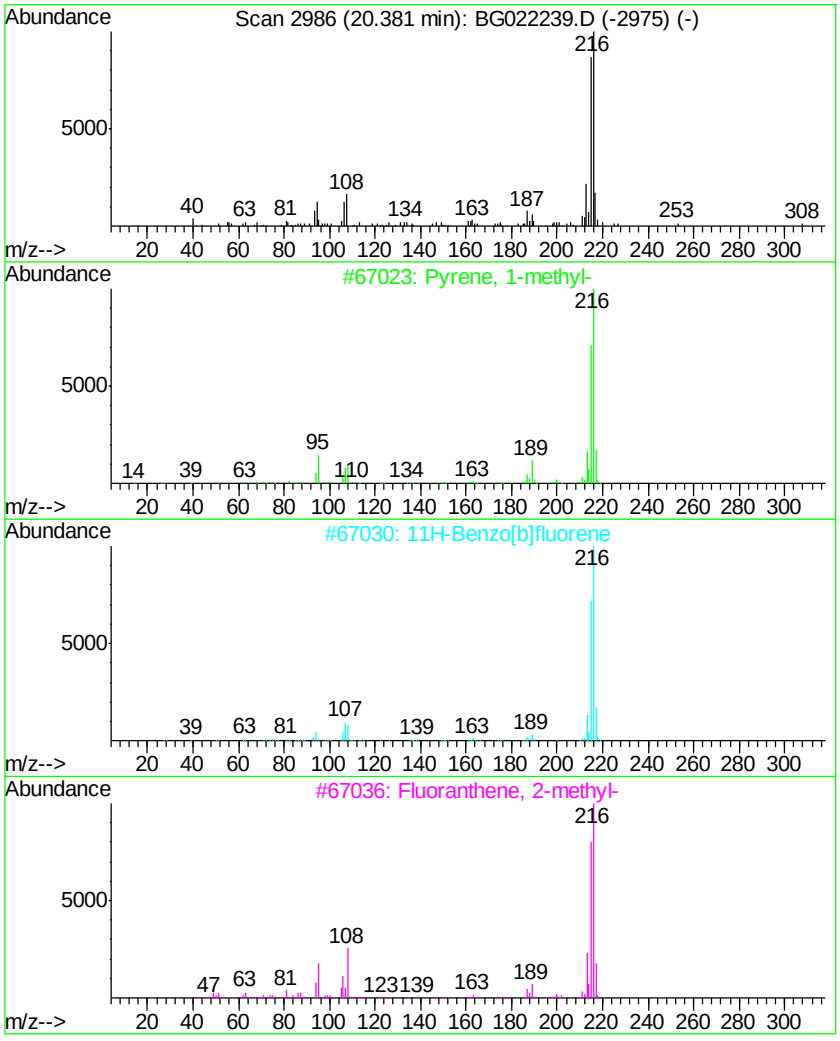
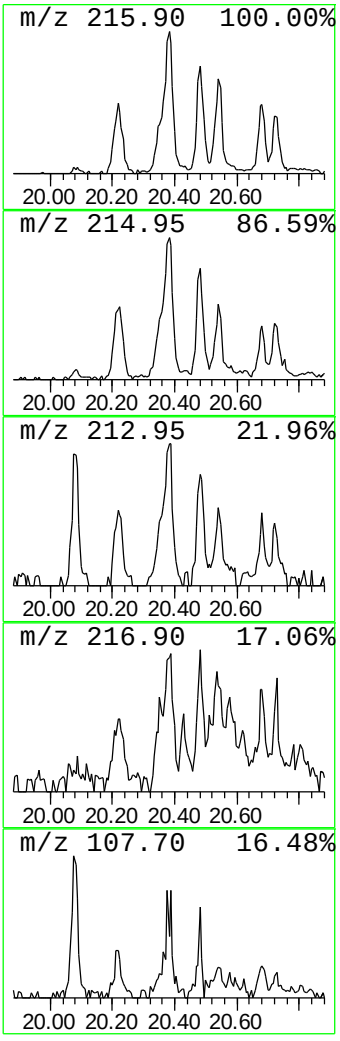
Peak Number 6 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	2.47 ng	113807	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





Tentatively Identified Compound (LSC) summary

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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	2.7	ng	27015	1	8.12	203245	20.0
3-Chloro-6-fluoro...	7.65	35.7	ng	362728	1	8.12	203245	20.0
4H-Cyclopenta[def...	18.55	3.6	ng	109110	4	17.49	601802	20.0
Pyrene, 1-methyl-	20.38	2.5	ng	113807	5	21.76	922504	20.0