

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
 Data File : BG020083.D
 Acq On : 10 Dec 2015 19:54
 Operator : UM/SJ
 Sample : G4683-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S20-15

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	2.990	21	26	45	rVB	1658698	2411877	100.00%	17.558%
2	5.187	393	400	411	rBV	94088	147238	6.10%	1.072%
3	5.657	473	480	488	rBV	440236	691345	28.66%	5.033%
4	7.261	745	753	766	rBV	474349	821011	34.04%	5.977%
5	7.637	810	817	827	rBV	460769	786835	32.62%	5.728%
6	8.113	891	898	904	rBV	73327	125077	5.19%	0.911%
7	8.436	946	953	960	rVB	310658	525665	21.79%	3.827%
8	9.277	1088	1096	1105	rBV	289817	519702	21.55%	3.783%
9	10.928	1370	1377	1383	rBV	108480	189084	7.84%	1.376%
10	13.360	1782	1791	1799	rBV	633923	1008824	41.83%	7.344%
11	14.183	1925	1931	1939	rBV	206477	294418	12.21%	2.143%
12	14.741	2019	2026	2033	rVB2	173704	280349	11.62%	2.041%
13	15.563	2163	2166	2171	rVB	19215	25294	1.05%	0.184%
14	16.221	2268	2278	2288	rBV	736296	1080491	44.80%	7.866%
15	16.427	2308	2313	2316	rBV	20440	28943	1.20%	0.211%
16	17.214	2442	2447	2453	rBV3	15876	25470	1.06%	0.185%
17	17.479	2485	2492	2496	rBV	231703	355758	14.75%	2.590%
18	17.520	2496	2499	2506	rVV	93337	140768	5.84%	1.025%
19	17.614	2510	2515	2520	rVB	19186	28438	1.18%	0.207%
20	18.354	2635	2641	2645	rBV2	63232	94080	3.90%	0.685%
21	18.401	2645	2649	2657	rVB	28211	42611	1.77%	0.310%
22	18.548	2667	2674	2678	rBV5	23171	48127	2.00%	0.350%
23	19.523	2833	2840	2847	rVB	154041	218354	9.05%	1.590%
24	19.617	2852	2856	2861	rBV3	25992	31881	1.32%	0.232%
25	19.753	2875	2879	2886	rBV2	15475	31071	1.29%	0.226%
26	19.852	2891	2896	2898	rVV2	37495	62365	2.59%	0.454%
27	19.888	2898	2902	2910	rVV	143563	218805	9.07%	1.593%
28	20.082	2927	2935	2941	rBV	1382672	1753957	72.72%	12.768%
29	20.340	2973	2979	2981	rBV6	12004	24978	1.04%	0.182%
30	20.375	2981	2985	2990	rVB	29063	42604	1.77%	0.310%
31	20.534	3006	3012	3015	rVB5	18081	36633	1.52%	0.267%
32	21.139	3111	3115	3121	rVB2	16869	27581	1.14%	0.201%
33	21.374	3151	3155	3160	rBV3	42091	71560	2.97%	0.521%
34	21.474	3169	3172	3182	rVB3	21068	32934	1.37%	0.240%

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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

35	21.750	3211	3219	3224	rBV2	311316	625449	25.93%	4.553%
36	21.797	3224	3227	3234	rVB	72496	117151	4.86%	0.853%
37	22.491	3342	3345	3352	rVB3	18091	31227	1.29%	0.227%
38	23.989	3592	3600	3607	rBV3	42663	139152	5.77%	1.013%
39	24.729	3720	3726	3736	rVB3	25082	71575	2.97%	0.521%
40	24.870	3744	3750	3759	rVB	40521	103154	4.28%	0.751%
41	25.035	3768	3778	3787	rBV2	152462	425109	17.63%	3.095%

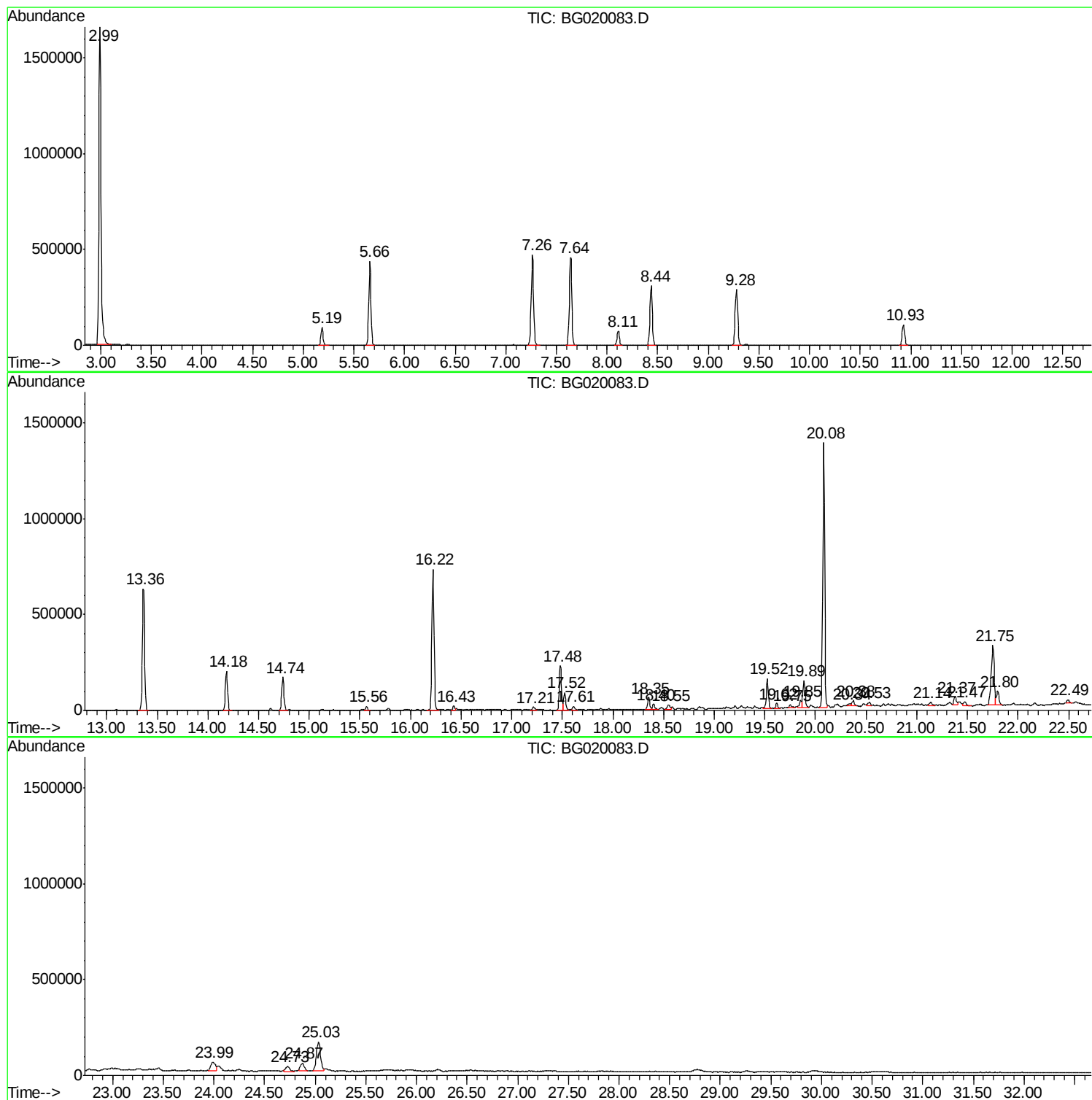
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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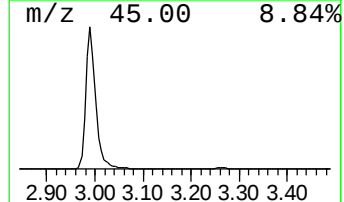
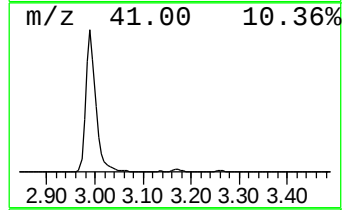
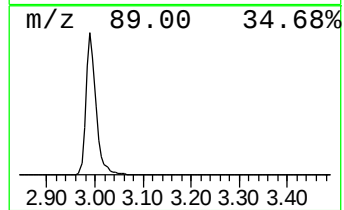
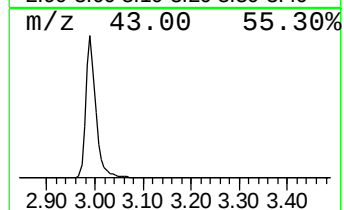
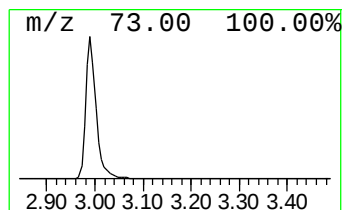
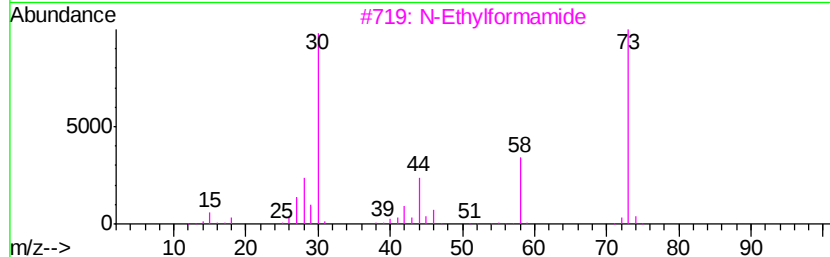
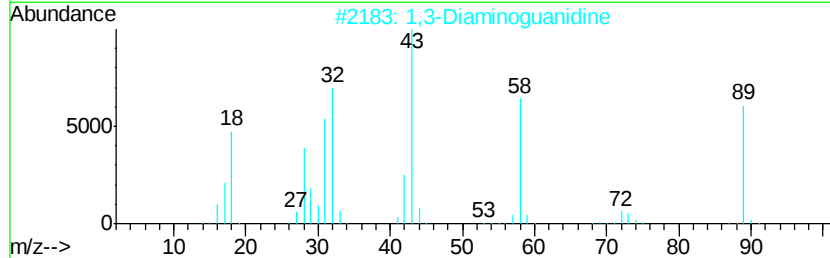
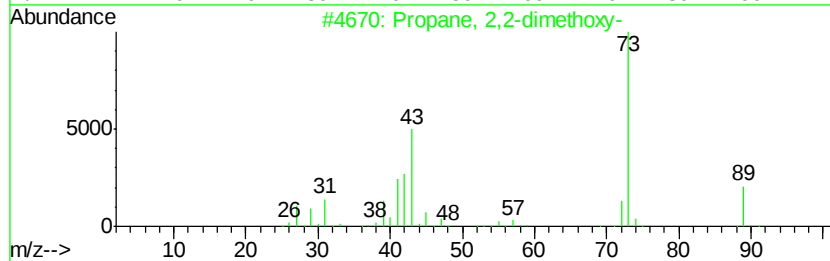
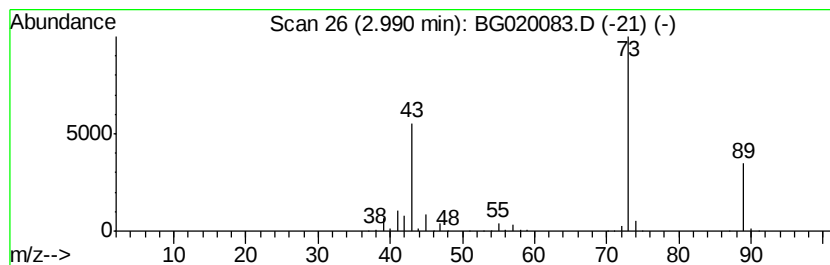
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	385.66 ng	2411880	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2		1,3-Diaminoquinidine	89	CH7N5	004364-78-7	9
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9



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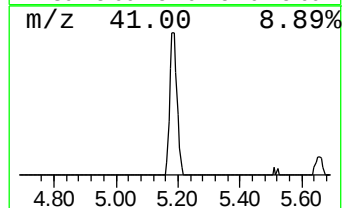
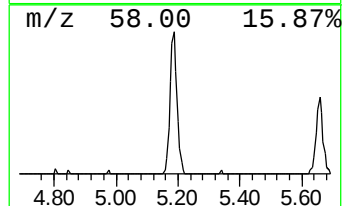
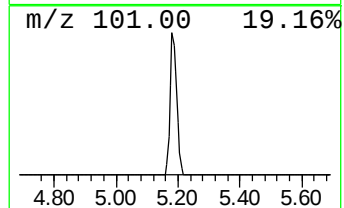
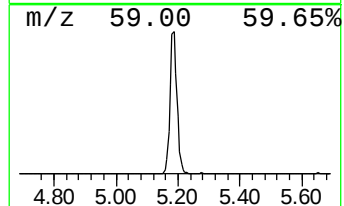
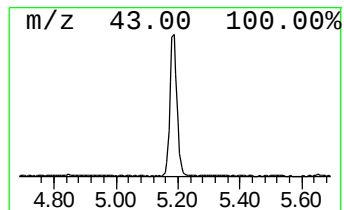
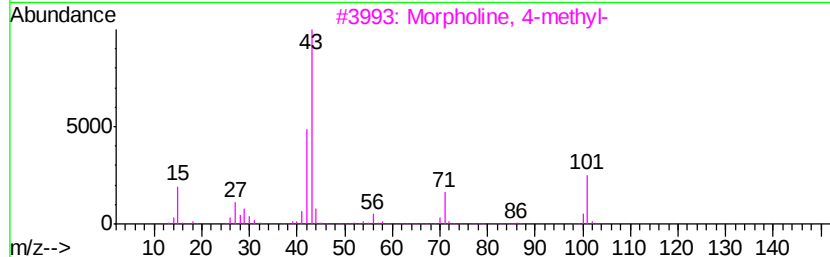
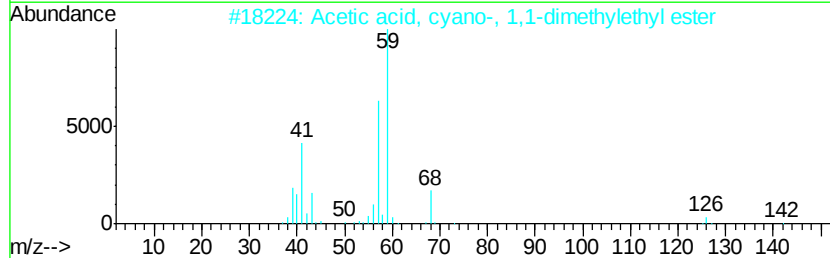
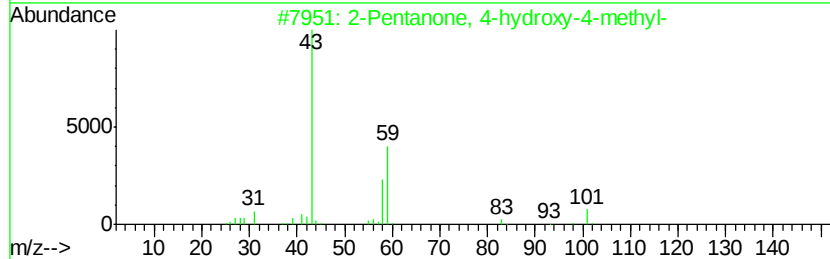
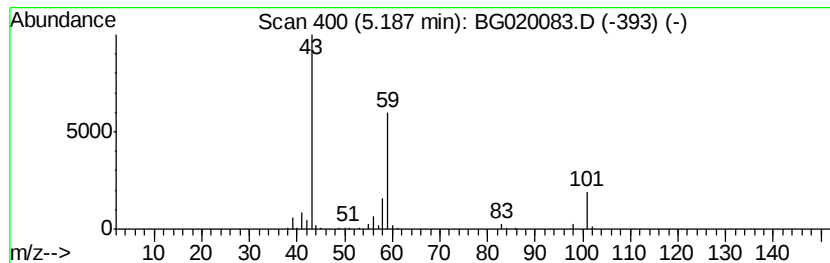
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown5.19 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	23.54 ng	147238	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5		1,2-Butanediol, (+/-)-	90	C4H10O2	026171-83-5	9



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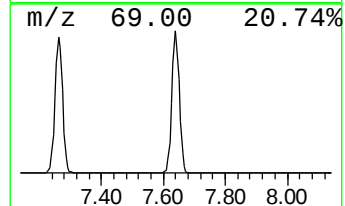
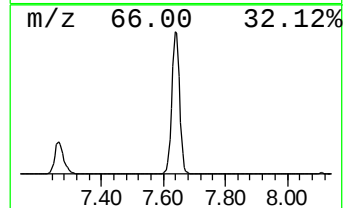
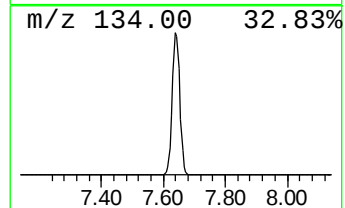
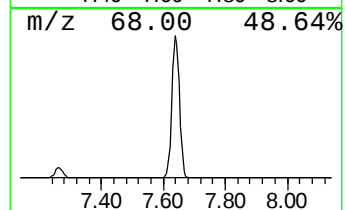
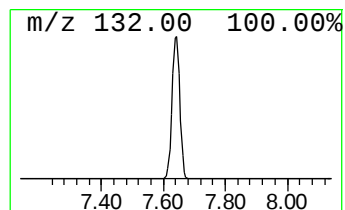
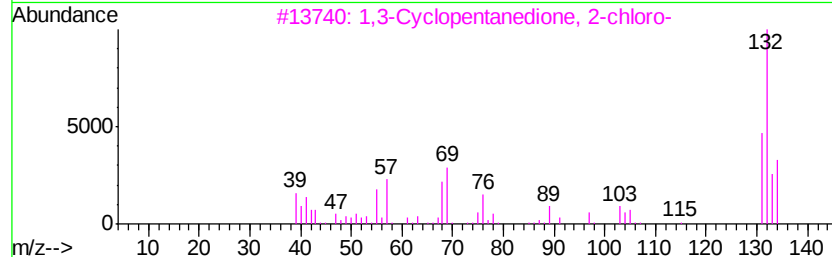
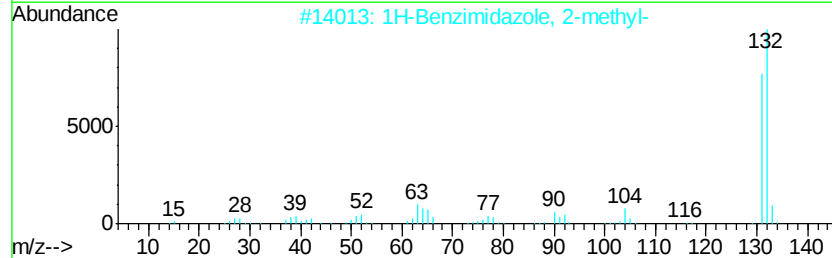
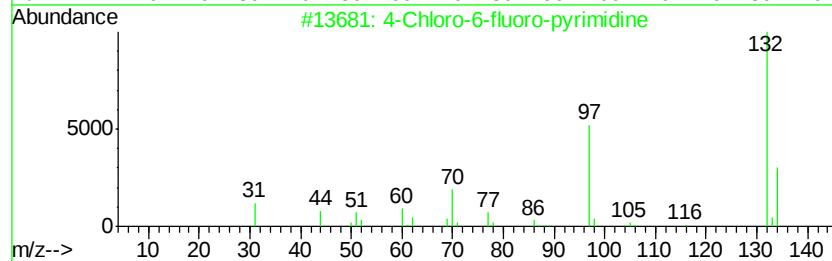
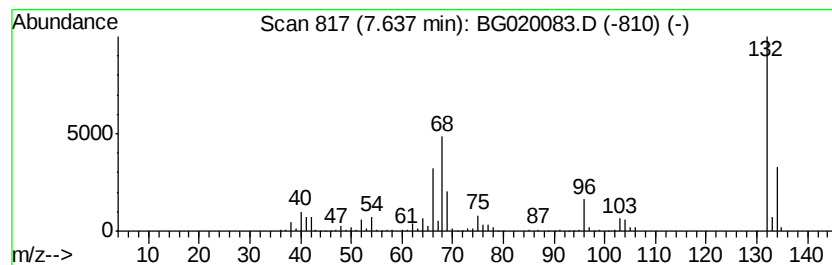
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	125.82 ng	786835	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
4		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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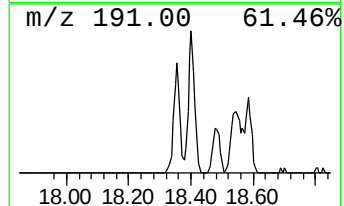
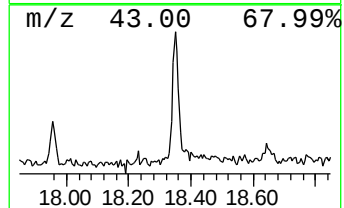
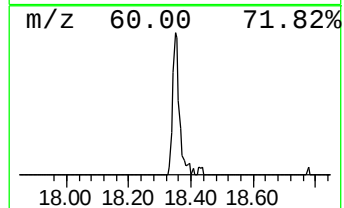
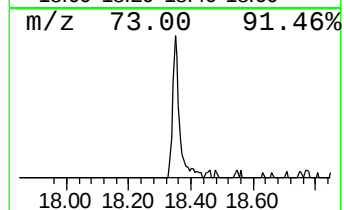
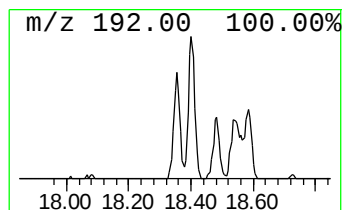
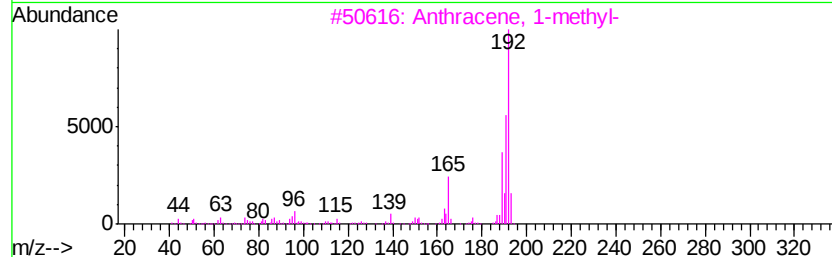
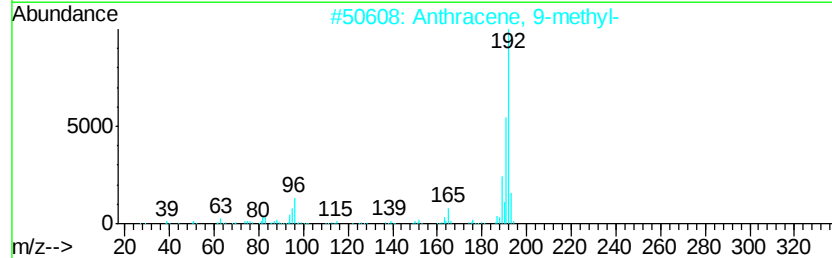
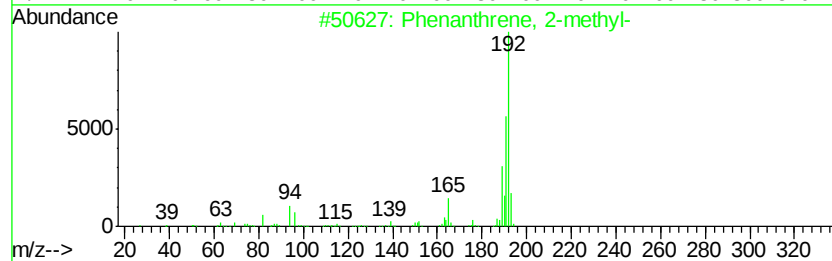
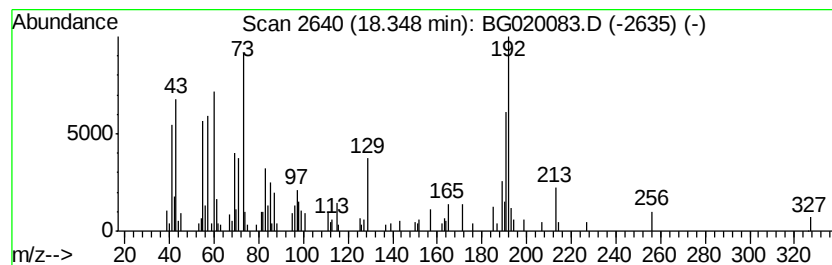
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	5.29 ng	94080	Phenanthrene-d10	17.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
4		1a,9b-Dihydro-1H-cyclopropa[alan...	192	C15H12	006109-24-6	64
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	55



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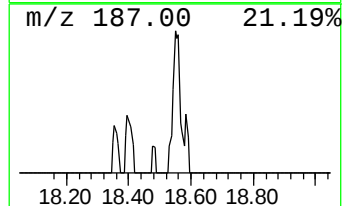
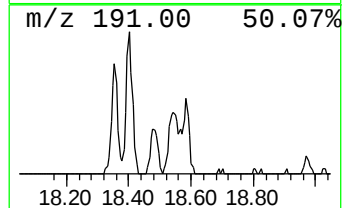
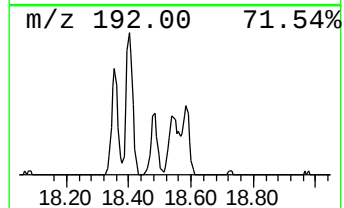
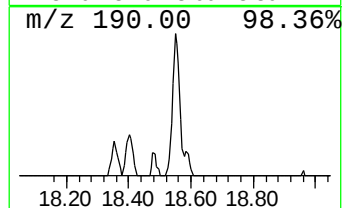
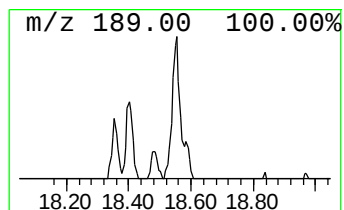
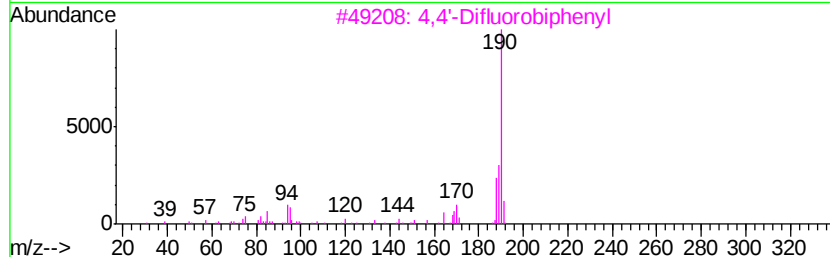
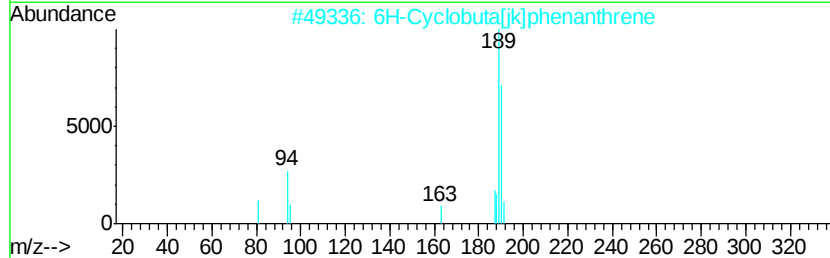
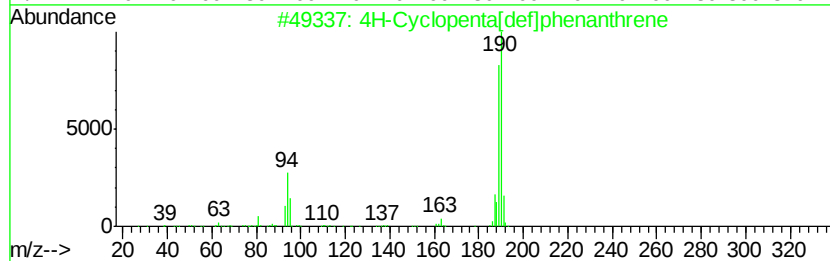
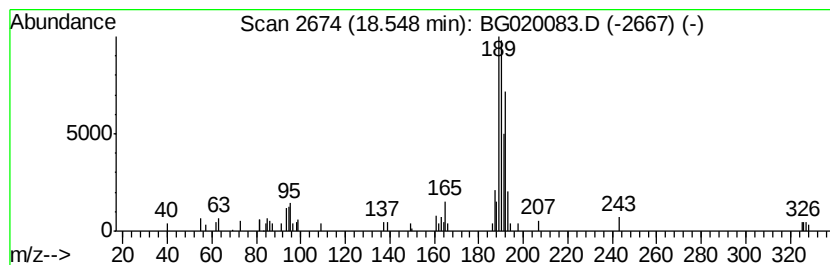
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	2.71 ng	48127	Phenanthrene-d10	17.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	52
3		4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	22
4		Phenantro[9,10-b]furazano[3,4-c]...	272	C16H8N4O	024294-86-8	22
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	20



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020083.D
Acq On : 10 Dec 2015 19:54
Operator : UM/SJ
Sample : G4683-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S20-15

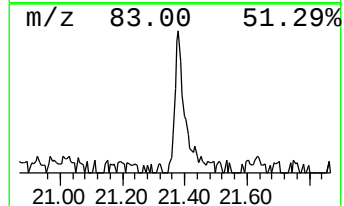
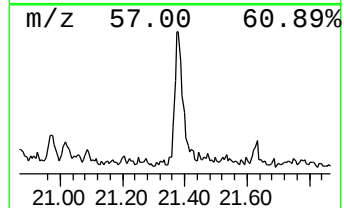
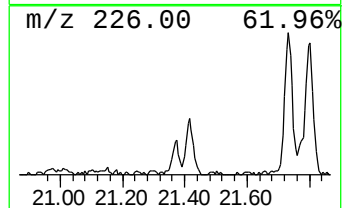
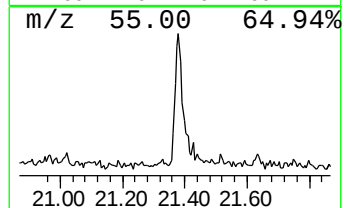
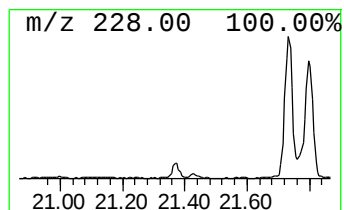
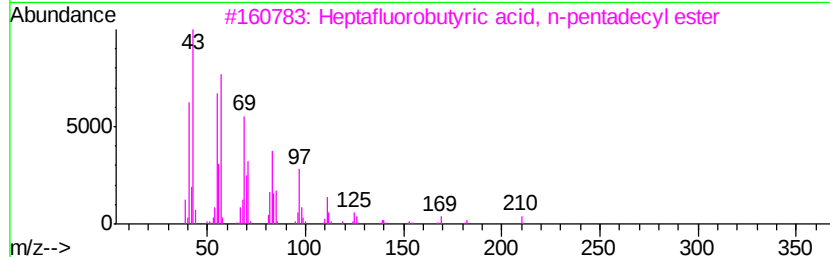
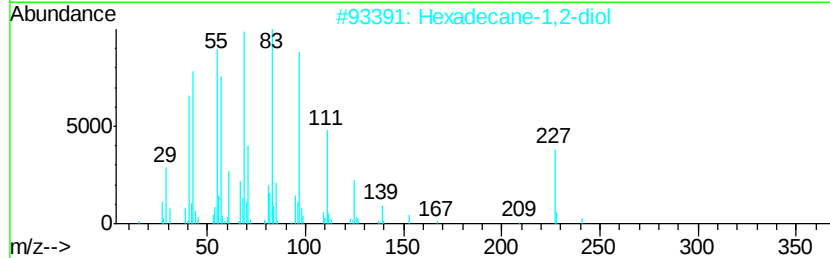
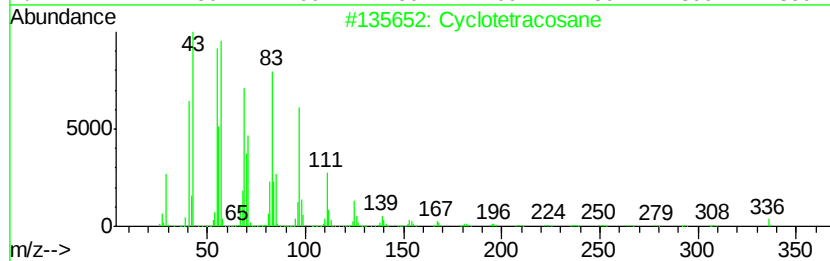
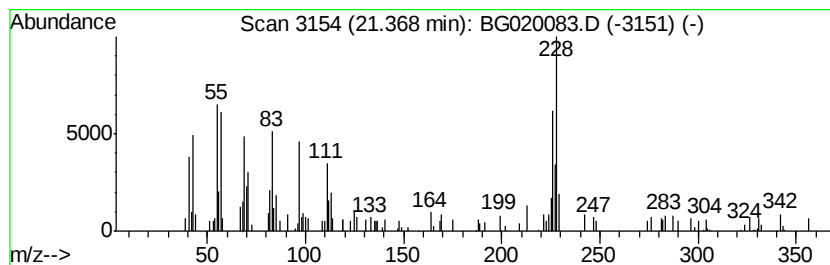
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclotetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.29 ng	71560	Chrysene-d12	21.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	80
2		Hexadecane-1,2-diol	258	C16H34O2	006920-24-7	62
3		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	60
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	60
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	60



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121115\
Data File : BG020083.D
Acq On : 10 Dec 2015 19:54
Operator : UM/SJ
Sample : G4683-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S20-15

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane, 2,2-dime...	2.99	385.7	ng	2411880	1	8.11	125077	20.0
unknown5.19	5.19	23.5	ng	147238	1	8.11	125077	20.0
unknown7.64	7.64	125.8	ng	786835	1	8.11	125077	20.0
Phenanthrene, 2-m...	18.35	5.3	ng	94080	4	17.48	355758	20.0
4H-Cyclopenta[def...	18.55	2.7	ng	48127	4	17.48	355758	20.0
Cyclotetracosane	21.37	2.3	ng	71560	5	21.75	625449	20.0