

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
 Data File : BG016816.D
 Acq On : 30 Apr 2015 3:12
 Operator : TP/IZ
 Sample : G2031-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB6

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-BG042915.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	4.668	330	337	343	rBV	83091	113760	5.38%	0.761%
2	5.155	414	420	430	rBV	672991	955967	45.18%	6.397%
3	6.765	687	694	705	rBV	724032	1115968	52.74%	7.468%
4	7.100	745	751	766	rBV	756584	1167917	55.20%	7.816%
5	7.558	823	829	838	rVB	176522	272764	12.89%	1.825%
6	7.881	877	884	894	rBV	520012	817046	38.61%	5.468%
7	8.722	1019	1027	1037	rBV	399884	658303	31.11%	4.405%
8	10.349	1296	1304	1314	rBV	244398	439105	20.75%	2.938%
9	12.834	1720	1727	1740	rBV	1144937	1656642	78.29%	11.086%
10	13.686	1866	1872	1879	rBV	43647	81240	3.84%	0.544%
11	14.221	1957	1963	1971	rBV2	417349	632416	29.89%	4.232%
12	15.719	2211	2218	2228	rBV	729675	1059152	50.06%	7.088%
13	15.937	2251	2255	2257	rBV2	19915	26348	1.25%	0.176%
14	16.736	2384	2391	2394	rBV3	14968	24438	1.15%	0.164%
15	16.965	2424	2430	2442	rBV2	507407	735594	34.76%	4.923%
16	17.870	2581	2584	2593	rBV9	24187	40915	1.93%	0.274%
17	19.092	2788	2792	2796	rVV5	18360	28352	1.34%	0.190%
18	19.162	2800	2804	2810	rVV8	9840	21941	1.04%	0.147%
19	19.292	2823	2826	2833	rVB	63702	73933	3.49%	0.495%
20	19.474	2852	2857	2861	rBV6	16755	28963	1.37%	0.194%
21	19.603	2873	2879	2885	rVB	1749473	2115916	100.00%	14.159%
22	19.814	2910	2915	2922	rVB	154250	189625	8.96%	1.269%
23	20.302	2994	2998	3001	rBV	45064	53891	2.55%	0.361%
24	20.343	3001	3005	3011	rVB	405141	471527	22.28%	3.155%
25	20.637	3051	3055	3059	rBV4	22179	32940	1.56%	0.220%
26	20.866	3090	3094	3105	rBV	121949	191867	9.07%	1.284%
27	21.072	3125	3129	3133	rBV	326551	354612	16.76%	2.373%
28	21.154	3138	3143	3149	rVV	630221	764982	36.15%	5.119%
29	21.471	3194	3197	3201	rVB3	27754	30713	1.45%	0.206%
30	21.724	3238	3240	3243	rBV3	22322	26582	1.26%	0.178%
31	22.176	3314	3317	3320	rBV4	20618	26502	1.25%	0.177%
32	23.352	3510	3517	3524	rVB2	401679	733535	34.67%	4.909%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

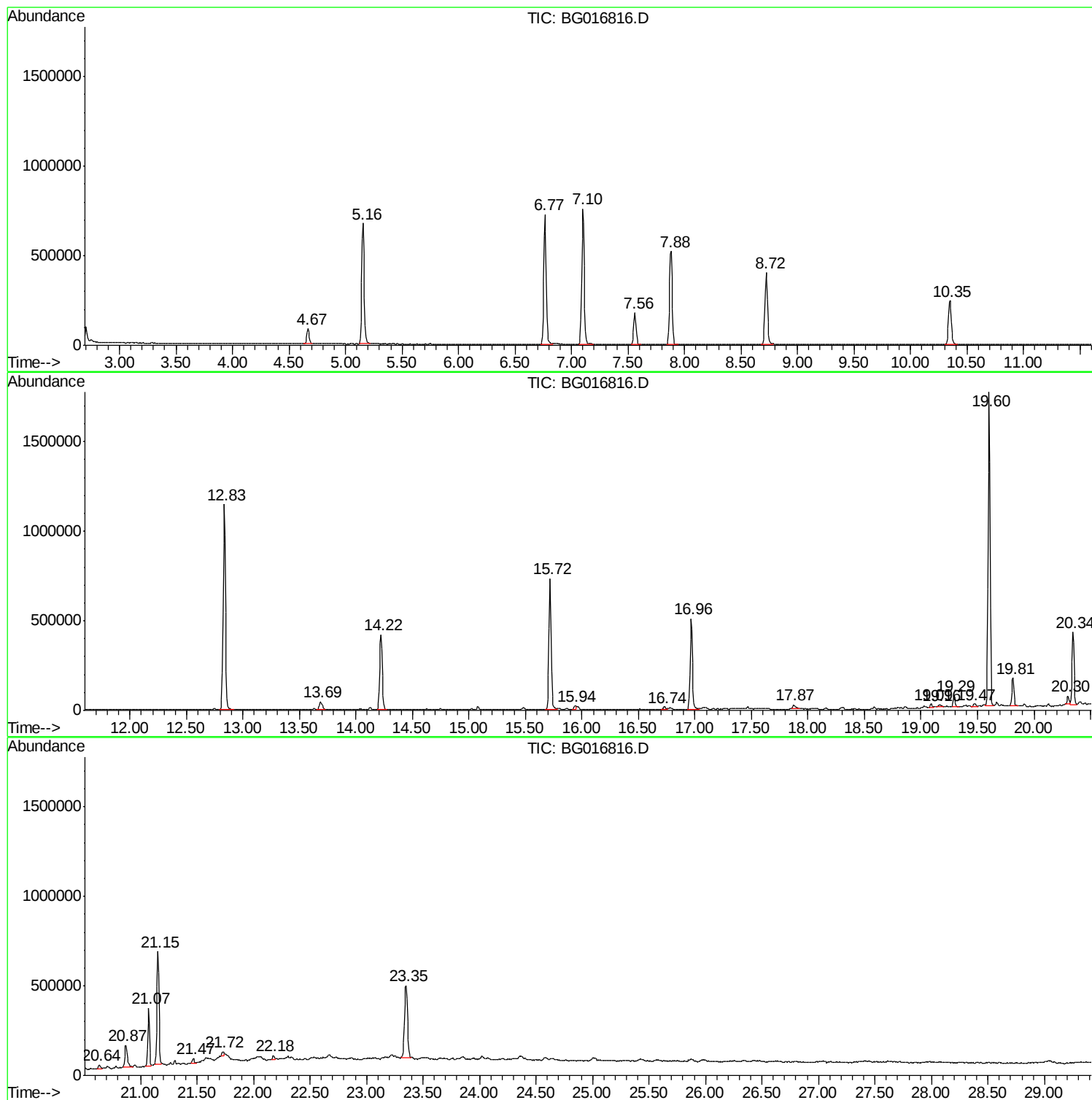
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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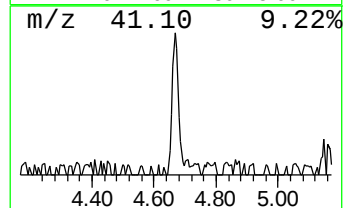
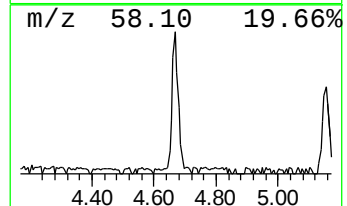
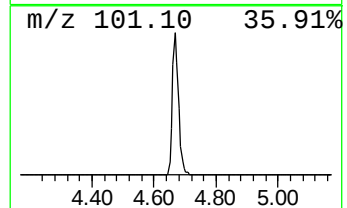
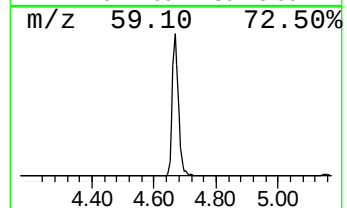
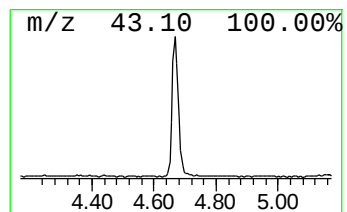
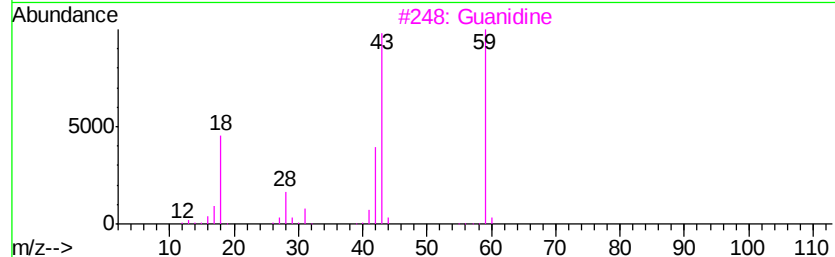
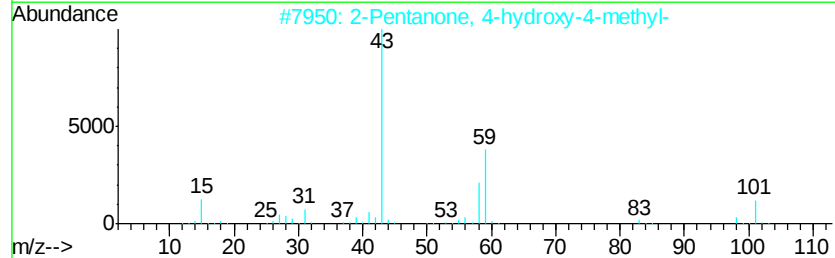
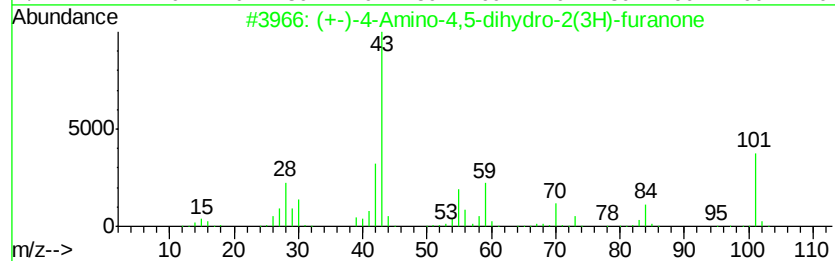
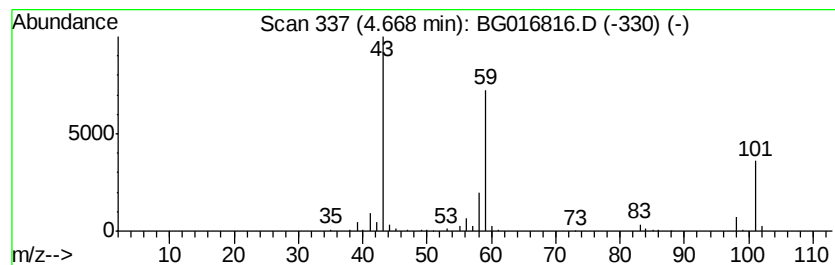
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown4.67 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	8.34 ng	113760	1,4-Dichlorobenzene-d4	7.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-	4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43	
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40		
3	Guanidine	59	CH5N3	000113-00-8	38		
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	22		
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	12		



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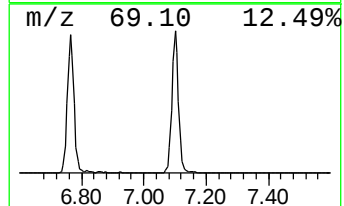
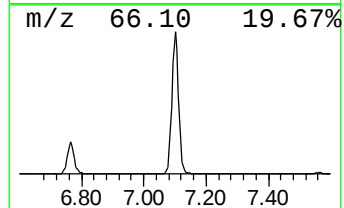
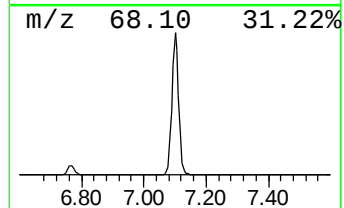
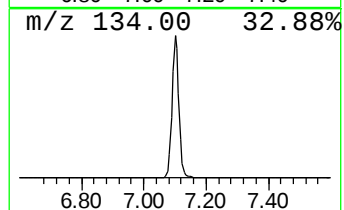
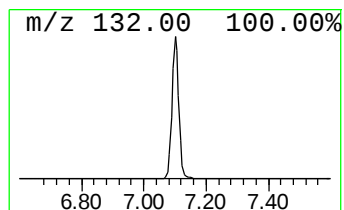
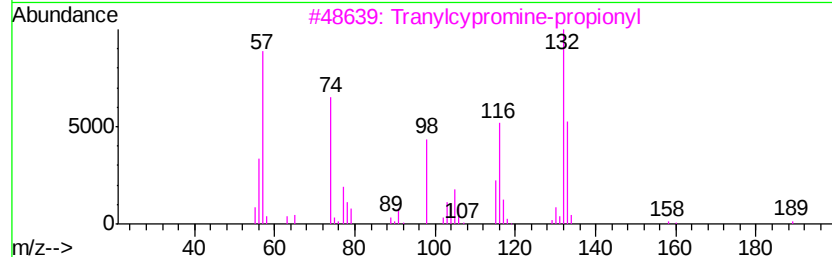
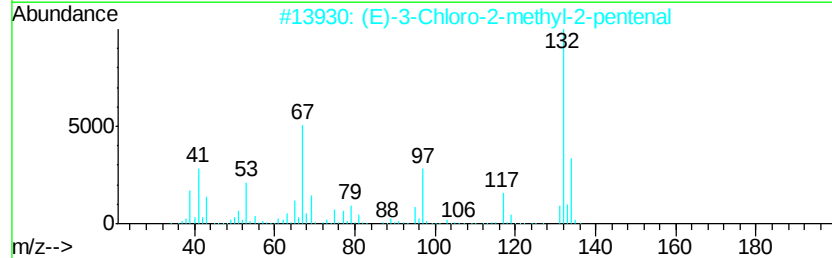
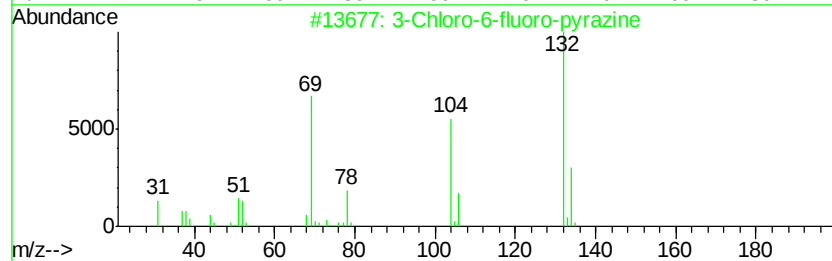
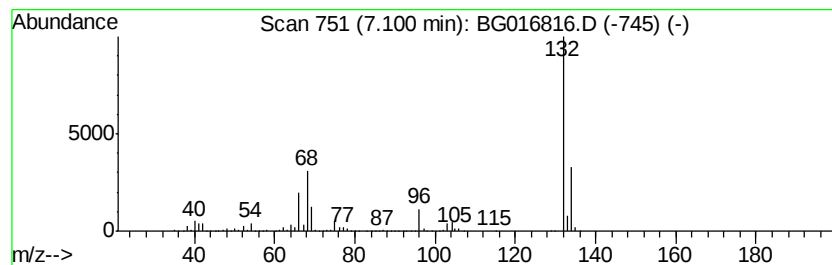
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	85.64 ng	1167920	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropane-propionyl	189	C12H15NO	1000123-86-3	12
4		2H-Cyclopentafidpyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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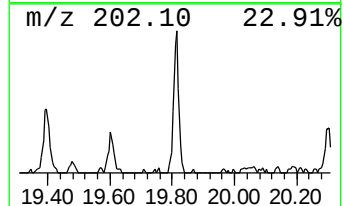
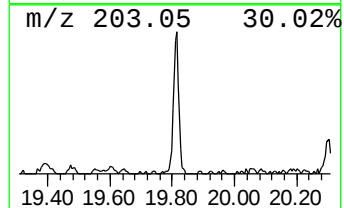
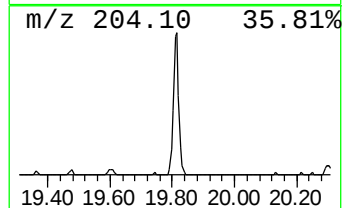
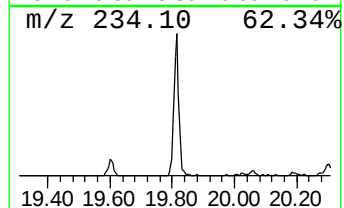
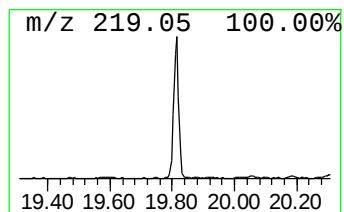
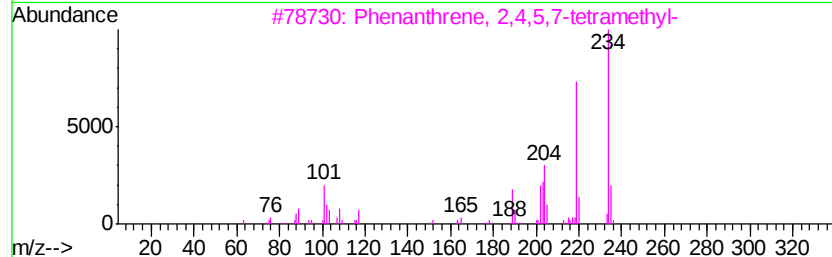
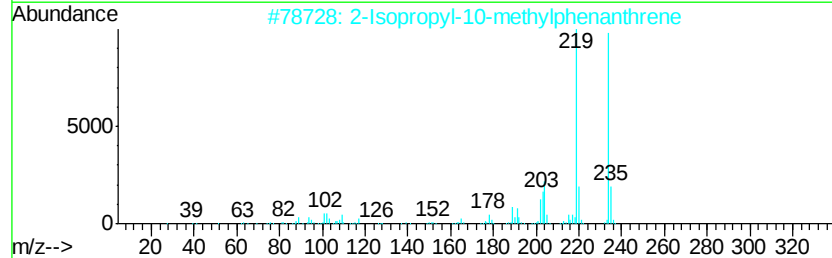
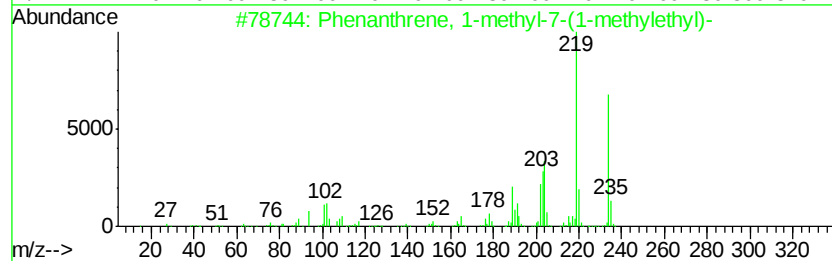
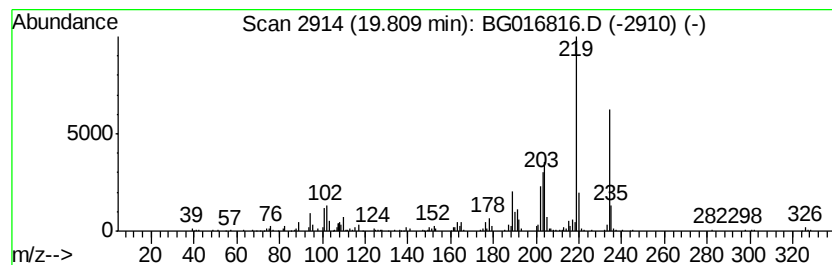
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 1-methyl-7-(1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	4.96 ng	189625	Chrysene-d12	21.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	99
2		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	96
3		Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	86
4		1-(10-Methylantracen-9-yl)ethanone	234	C17H14O	036778-18-4	58
5		Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	58



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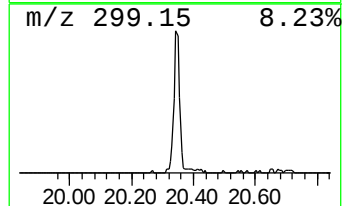
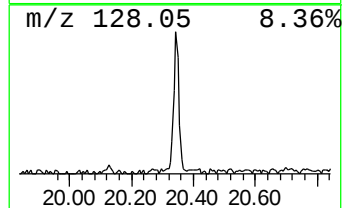
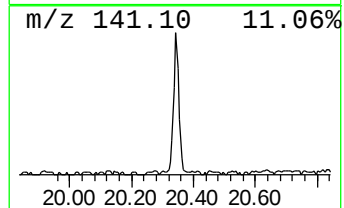
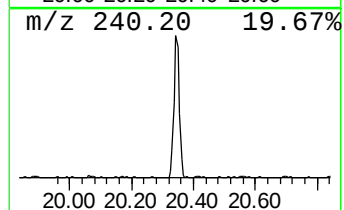
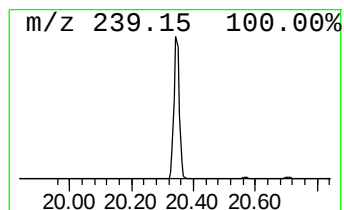
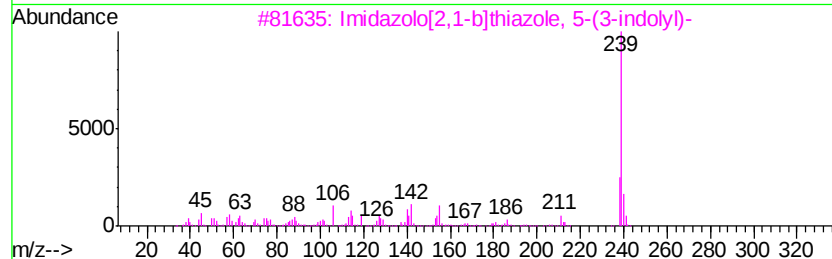
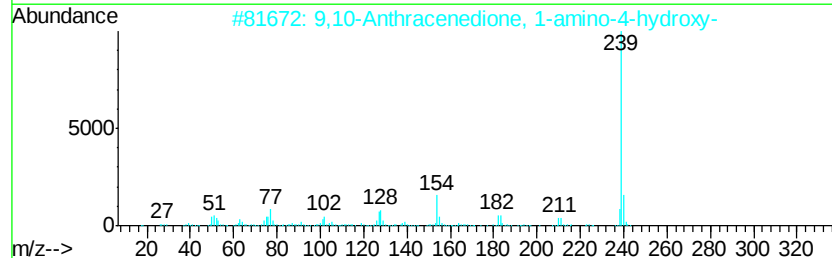
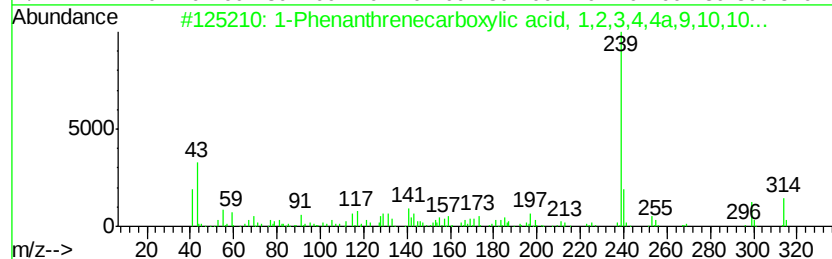
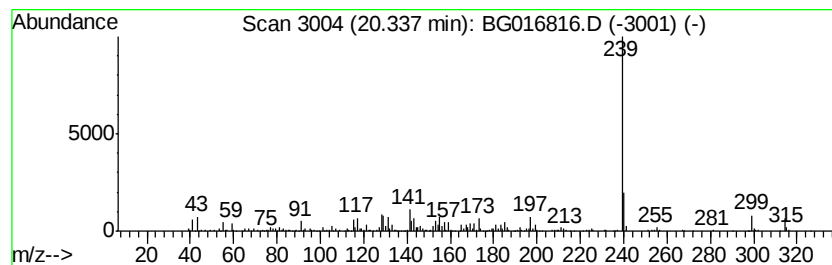
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Phenanthrenecarboxylic ac... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.34	12.33 ng	471527	Chrysene-d12	21.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Phenanthrenecarboxylic acid, 1...	314	C21H30O2	001235-74-1	97
2		9,10-Anthracenedione, 1-amino-4-...	239	C14H9NO3	000116-85-8	59
3		Imidazo[2,1-b]thiazole, 5-(3-i...	239	C13H9N3S	327097-37-0	50
4		Benzaldehyde, 3-[4-(1,1-dimethyl...	254	C17H18O2	069770-23-6	45
5		4-(4-Oxo-1,2,3,4,6,7,12,12b-octa...	326	C19H22N2O3	1000137-91-1	38



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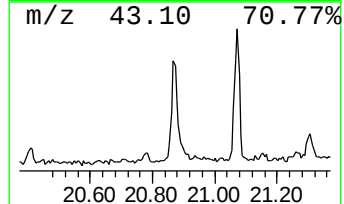
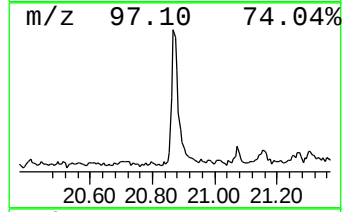
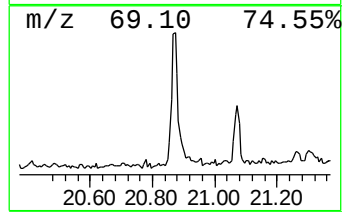
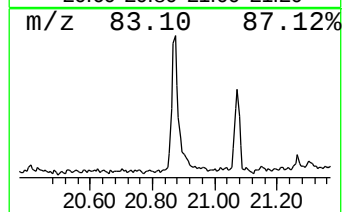
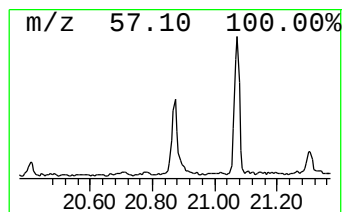
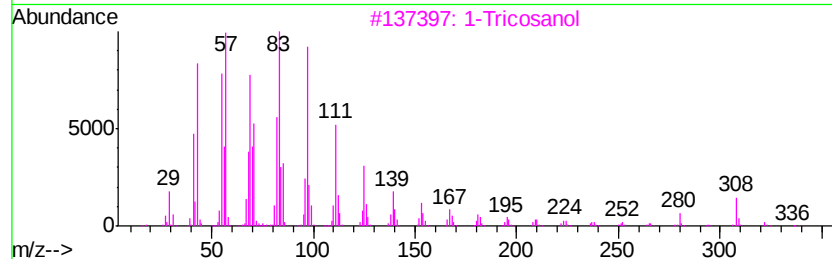
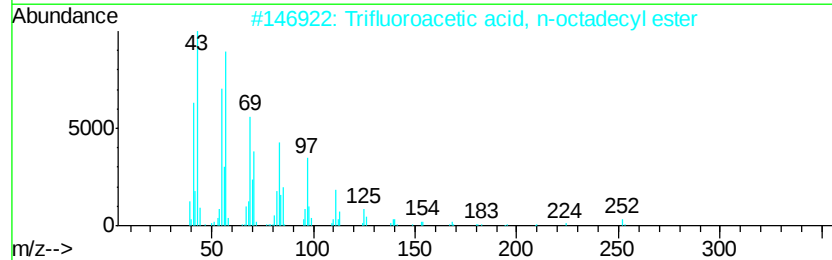
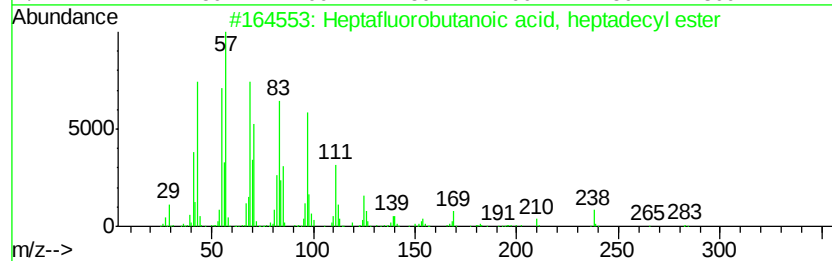
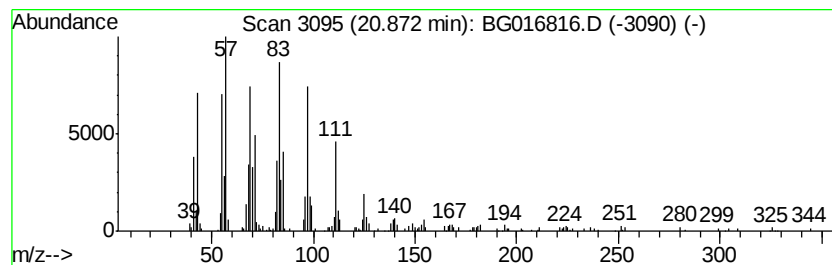
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Heptafluorobutanoic acid, h... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	5.02 ng	191867	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
2		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3		1-Tricosanol	340	C23H48O	003133-01-5	91
4		1-Octadecanol	270	C18H38O	000112-92-5	90
5		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	90



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SB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.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
unknown4.67	4.67	8.3	ng	113760	1	7.56	272764	20.0
unknown7.10	7.10	85.6	ng	1167920	1	7.56	272764	20.0
Phenanthrene, 1-m...	19.81	5.0	ng	189625	5	21.15	764982	20.0
1-Phenanthrenecar...	20.34	12.3	ng	471527	5	21.15	764982	20.0
Heptafluorobutano...	20.87	5.0	ng	191867	5	21.15	764982	20.0