

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093232.D
 Acq On : 28 Feb 2017 3:59
 Operator : SJ/MA
 Sample : I1972-13 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-SW-4

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_F\METHODS\8270-BF013017.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	4.967	249	252	259	rBV	223361	266298	13.98%	1.437%
2	5.413	289	291	300	rBV	679775	721828	37.89%	3.896%
3	6.465	381	383	392	rBV	616282	788849	41.41%	4.258%
4	6.590	392	394	396	rVV	593363	711953	37.37%	3.843%
5	6.647	396	399	401	rVB2	12256	20590	1.08%	0.111%
6	6.819	411	414	416	rBV	774426	994678	52.22%	5.369%
7	6.967	425	427	430	rBV	660159	584974	30.71%	3.158%
8	7.379	461	463	465	rBV	454574	413009	21.68%	2.229%
9	8.099	524	526	530	rBV	1385619	1349827	70.86%	7.286%
10	8.819	585	589	591	rBV	35014	39012	2.05%	0.211%
11	8.910	595	597	600	rVB	25173	24349	1.28%	0.131%
12	9.173	618	620	623	rBV	816588	776469	40.76%	4.191%
13	9.253	625	627	632	rVB	14456	28604	1.50%	0.154%
14	9.436	641	643	645	rBV	15910	23857	1.25%	0.129%
15	9.516	647	650	651	rVV	24373	28014	1.47%	0.151%
16	9.573	653	655	659	rVV	69137	78503	4.12%	0.424%
17	9.722	665	668	670	rBV	37421	45119	2.37%	0.244%
18	9.791	670	674	676	rBV	25060	33959	1.78%	0.183%
19	9.859	677	680	682	rVV	1470429	1398759	73.43%	7.550%
20	9.893	682	683	685	rVB	30638	21450	1.13%	0.116%
21	10.065	695	698	700	rBV2	30522	38369	2.01%	0.207%
22	10.259	713	715	716	rBV	23152	21174	1.11%	0.114%
23	10.282	716	717	721	rVB	26943	27461	1.44%	0.148%
24	10.408	726	728	731	rBV2	28579	43236	2.27%	0.233%
25	10.511	734	737	740	rVV3	16534	28958	1.52%	0.156%
26	10.648	746	749	751	rBV	387134	374864	19.68%	2.024%
27	10.774	757	760	763	rVB3	43212	74797	3.93%	0.404%
28	10.956	772	776	779	rBV5	28260	50618	2.66%	0.273%
29	11.082	785	787	791	rBV5	11995	26199	1.38%	0.141%
30	11.151	791	793	795	rVB	32094	27547	1.45%	0.149%
31	11.208	795	798	799	rBV2	41369	58398	3.07%	0.315%
32	11.242	799	801	803	rVB2	27042	37441	1.97%	0.202%
33	11.345	807	810	811	rBV	1318521	1310184	68.78%	7.072%
34	11.414	814	816	818	rVB	99805	112904	5.93%	0.609%

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35	11.459	818	820	823	rVB3	16925	27510	1.44%	0.148%
36	11.585	827	831	834	rBV2	41854	96130	5.05%	0.519%
37	11.631	834	835	837	rVB	40633	36137	1.90%	0.195%
38	11.734	842	844	849	rBV5	12241	24480	1.29%	0.132%
39	11.848	851	854	855	rBV	57336	71596	3.76%	0.386%
40	11.871	855	856	858	rVB	89351	76338	4.01%	0.412%
41	11.916	858	860	862	rBV2	32549	50837	2.67%	0.274%
42	11.951	862	863	868	rVB	84789	154357	8.10%	0.833%
43	12.042	868	871	873	rBV2	32314	59022	3.10%	0.319%
44	12.145	878	880	881	rVV	32615	43249	2.27%	0.233%
45	12.168	881	882	885	rVB	35765	36974	1.94%	0.200%
46	12.294	890	893	894	rBV2	20804	38040	2.00%	0.205%
47	12.397	900	902	903	rBV	60393	75506	3.96%	0.408%
48	12.431	903	905	908	rVV2	61042	99036	5.20%	0.535%
49	12.488	908	910	912	rVV	47174	64200	3.37%	0.347%
50	12.557	914	916	918	rVV	744800	643516	33.78%	3.474%
51	12.625	918	922	923	rVV4	14529	27363	1.44%	0.148%
52	12.705	926	929	930	rBV3	34949	52906	2.78%	0.286%
53	12.785	933	936	939	rVV	669698	707609	37.15%	3.820%
54	12.842	939	941	944	rVB2	32892	47560	2.50%	0.257%
55	12.922	946	948	952	rVB	542649	654702	34.37%	3.534%
56	13.002	952	955	957	rBV2	57671	97708	5.13%	0.527%
57	13.117	961	965	966	rBV2	73050	125826	6.61%	0.679%
58	13.185	966	971	972	rBV2	45890	91277	4.79%	0.493%
59	13.219	972	974	978	rVB2	69508	96222	5.05%	0.519%
60	13.311	980	982	983	rBV	44710	39117	2.05%	0.211%
61	13.345	983	985	987	rBV2	33030	40709	2.14%	0.220%
62	13.631	1008	1010	1012	rVB	42058	51592	2.71%	0.278%
63	13.734	1017	1019	1020	rBV	57708	57962	3.04%	0.313%
64	13.837	1026	1028	1031	rVB2	66175	97624	5.12%	0.527%
65	13.985	1037	1041	1047	rBV2	1185992	1904913	100.00%	10.283%
66	14.088	1048	1050	1051	rVV	45060	43510	2.28%	0.235%
67	14.374	1073	1075	1076	rBV	77969	85068	4.47%	0.459%
68	15.003	1128	1130	1134	rBV	233259	468317	24.58%	2.528%
69	15.300	1153	1156	1159	rVB	120514	197012	10.34%	1.063%
70	15.357	1159	1161	1163	rVB	199858	237972	12.49%	1.285%
71	15.414	1163	1166	1174	rVB	623439	860000	45.15%	4.642%

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72	15.825	1200	1202	1204	rBV2	78036	122352	6.42%	0.660%
73	16.808	1286	1288	1296	rVB2	96470	238975	12.55%	1.290%

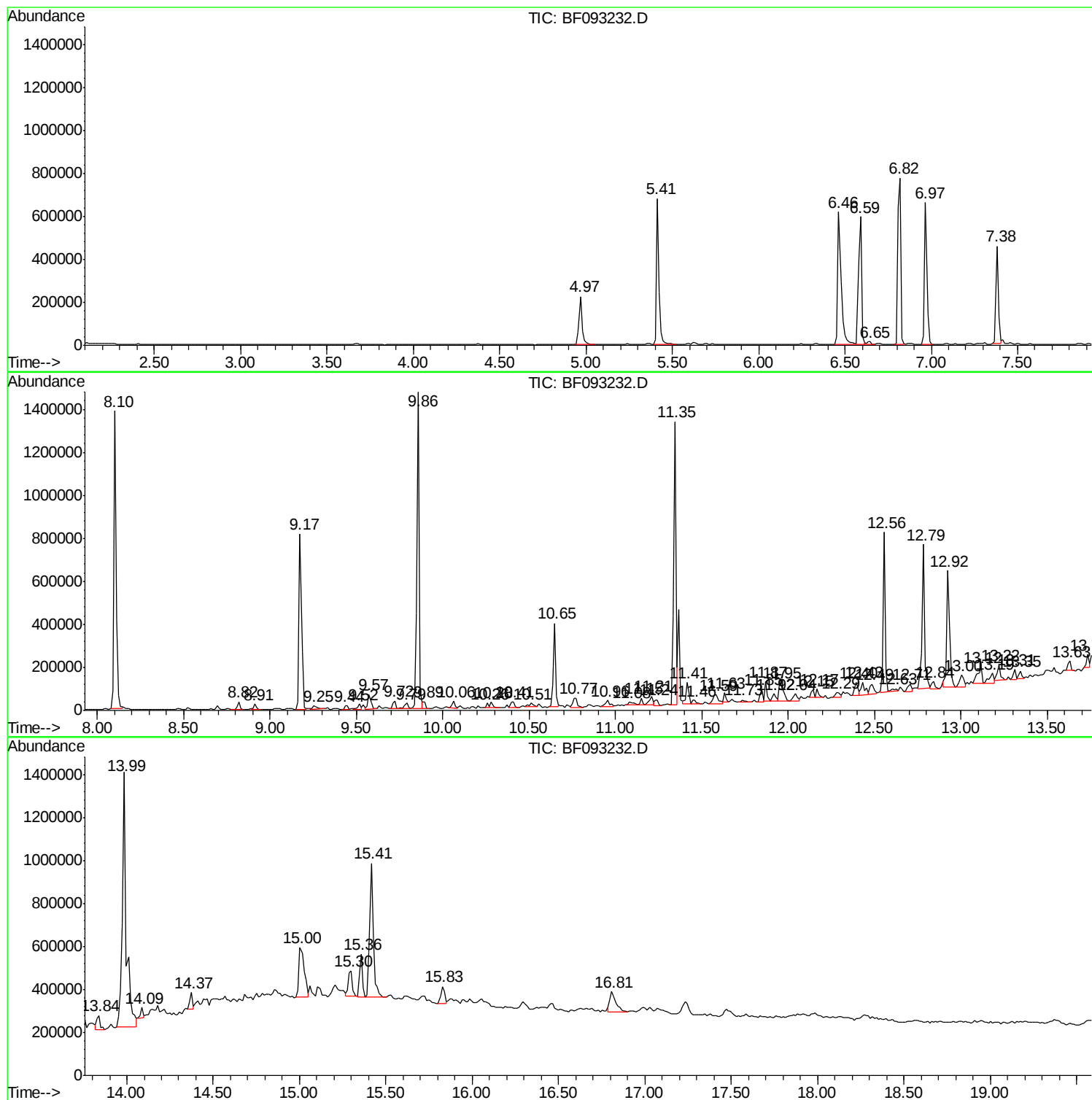
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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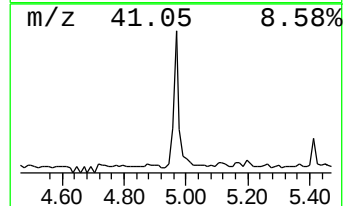
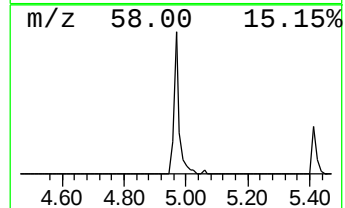
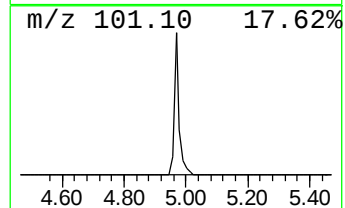
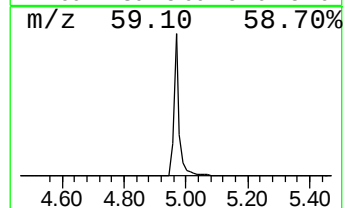
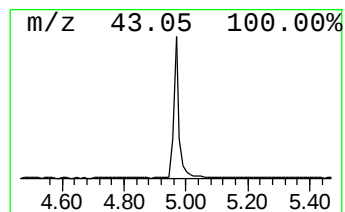
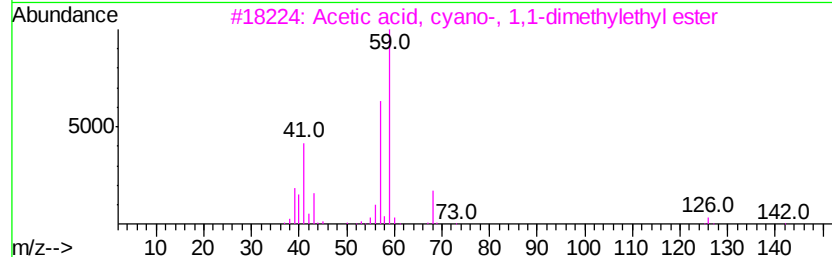
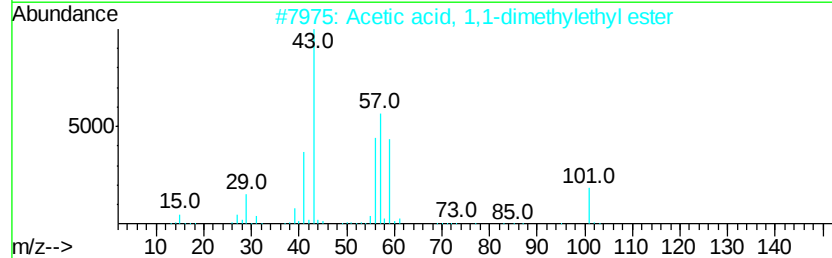
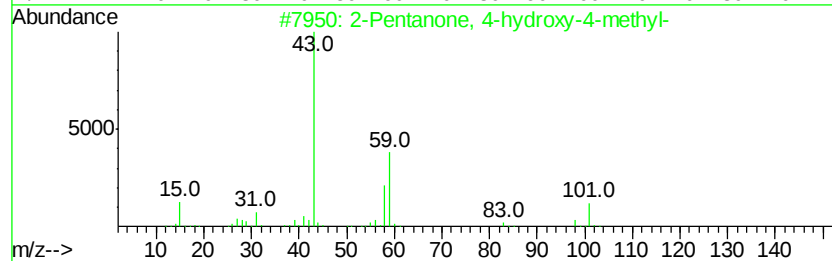
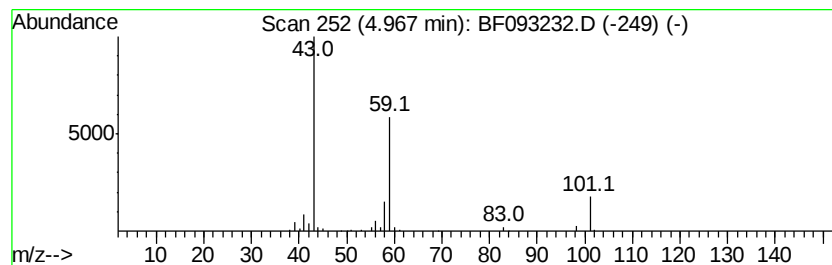
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	5.35 ng	266298	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
5			1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	9



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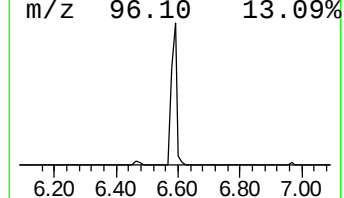
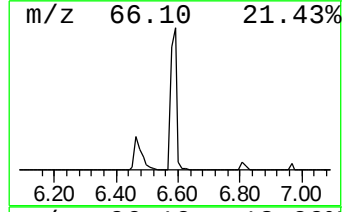
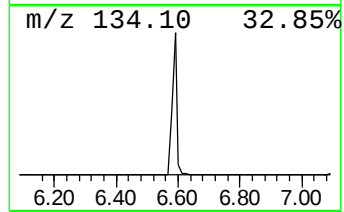
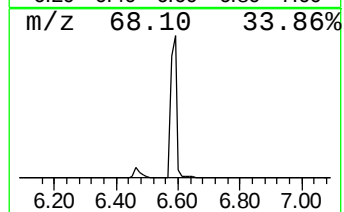
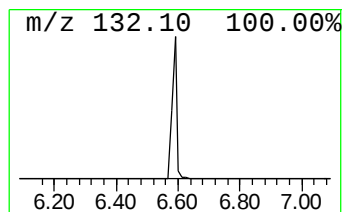
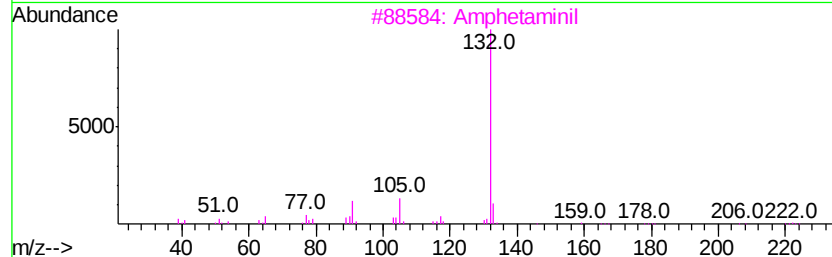
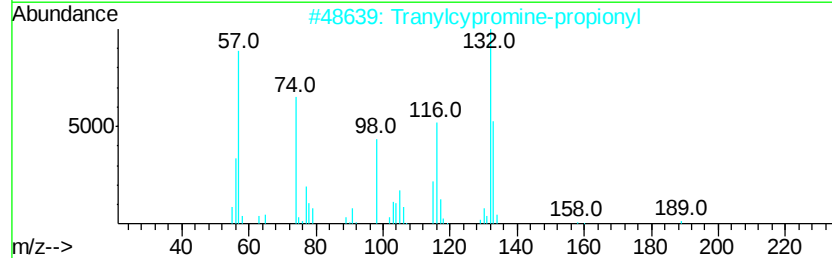
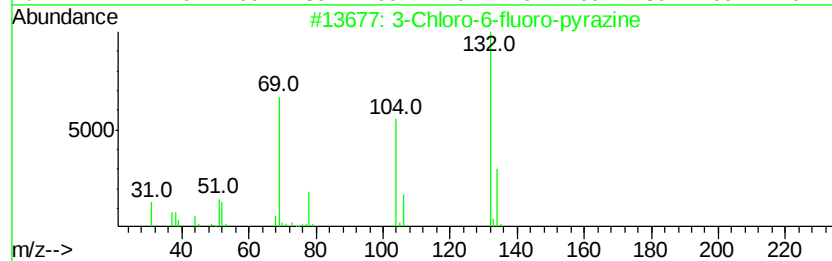
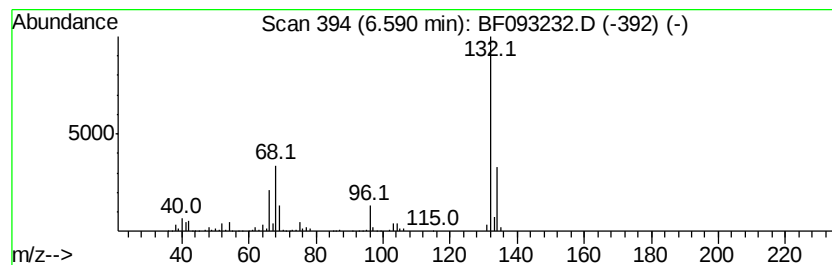
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	14.32 ng	711953	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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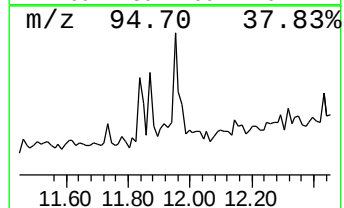
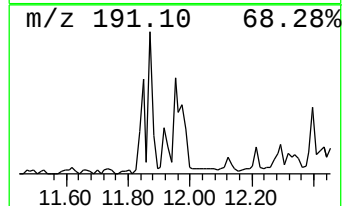
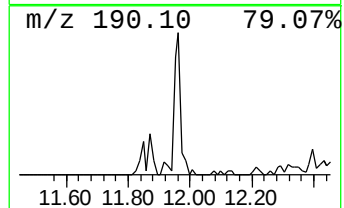
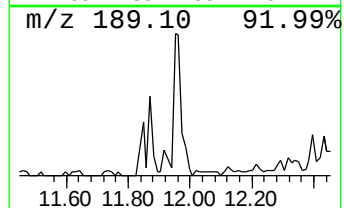
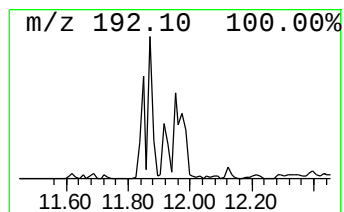
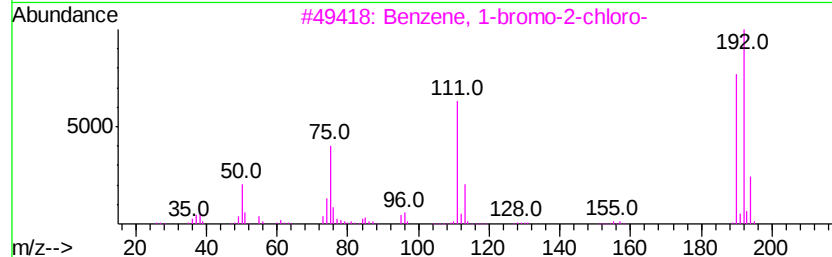
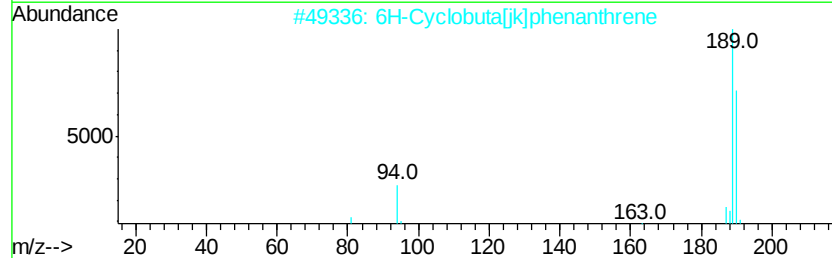
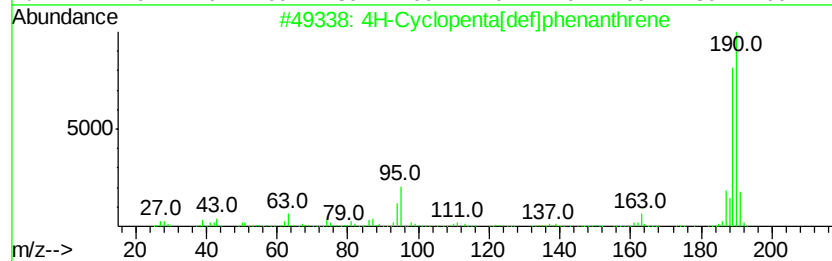
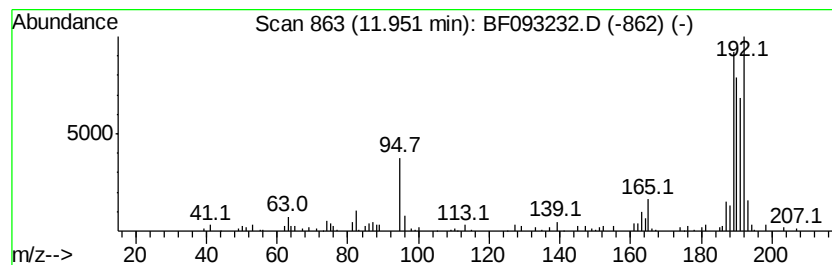
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown11.95 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.95	2.36 ng	154357	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	6H-Cyclobuta[ikl]phenanthrene	190	C15H10	083469-43-6	46
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	43
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	42



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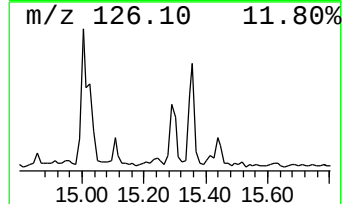
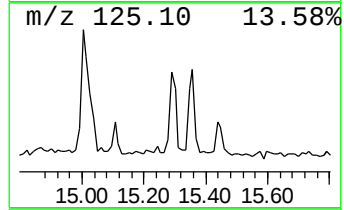
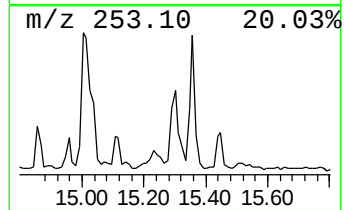
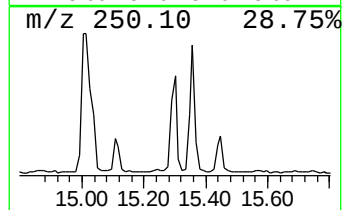
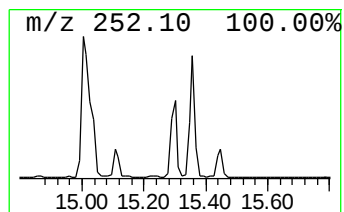
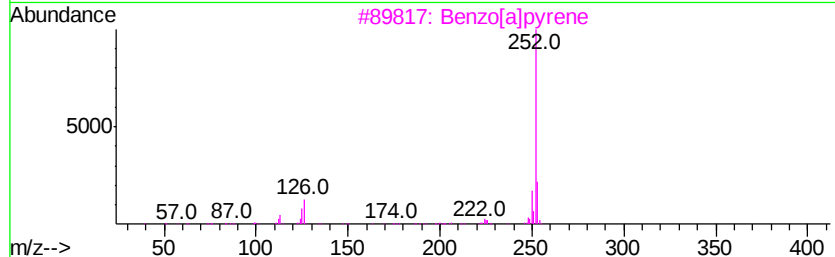
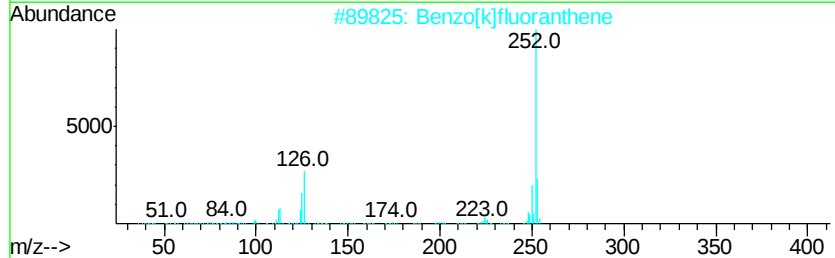
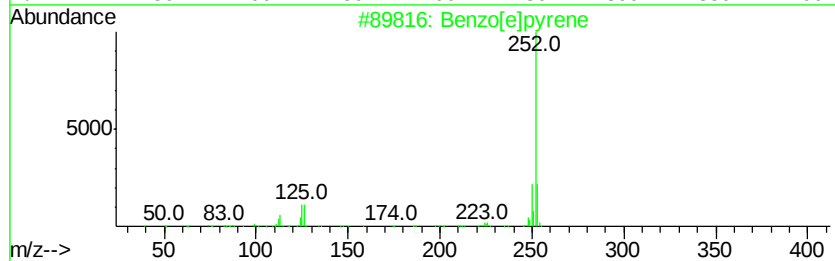
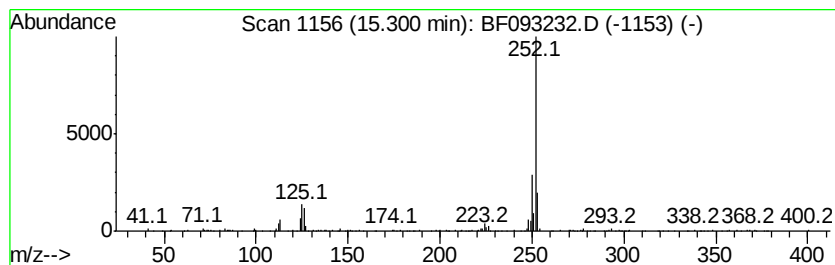
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	4.58 ng	197012	Perylene-d12	15.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3		Benzo[a]pyrene	252	C20H12	000050-32-8	91
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093232.D
Acq On : 28 Feb 2017 3:59
Operator : SJ/MA
Sample : I1972-13 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B1-SW-4

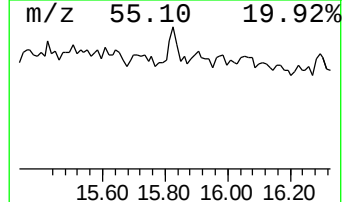
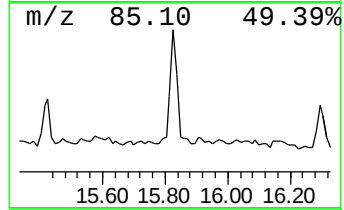
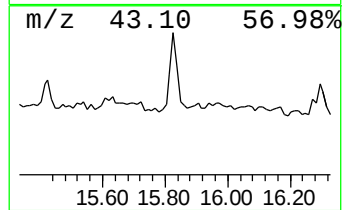
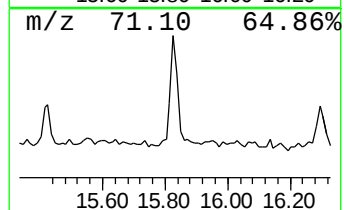
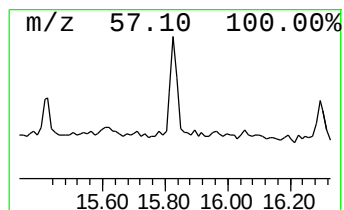
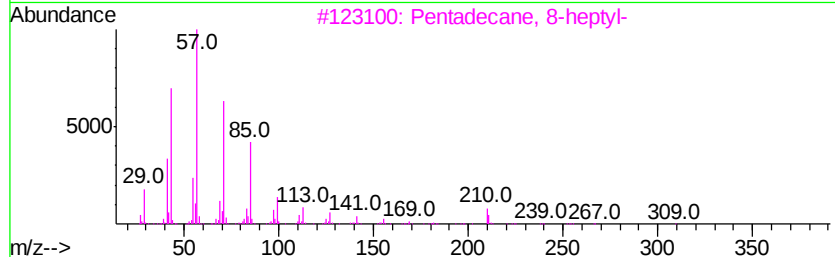
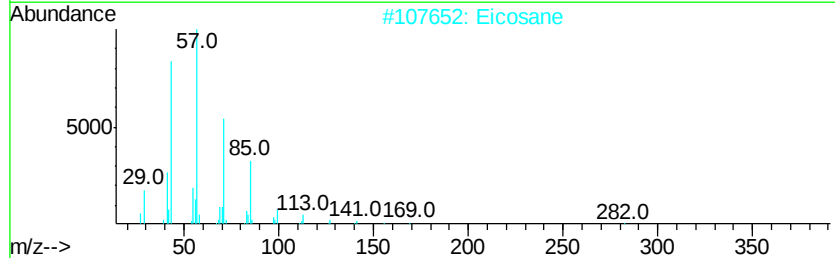
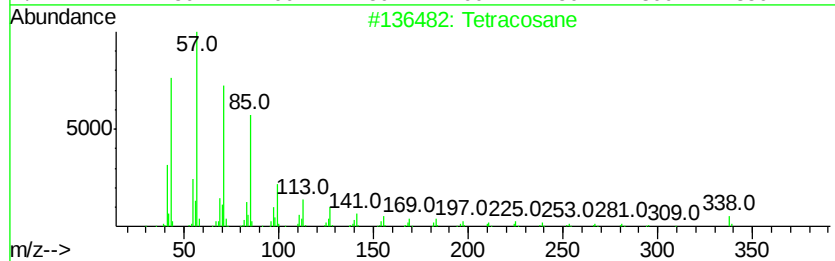
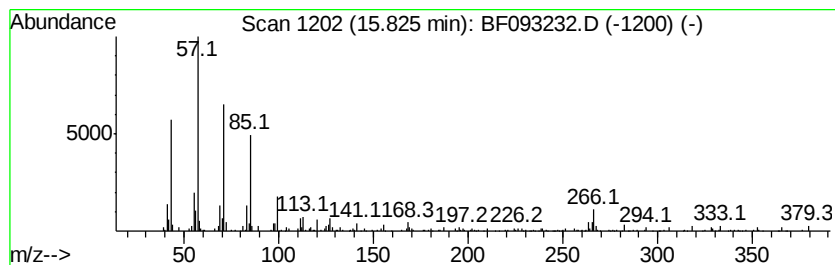
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.85 ng	122352	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	89
2		Eicosane	282	C20H42	000112-95-8	72
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	68
4		Hexadecane	226	C16H34	000544-76-3	68
5		Pentacosane	352	C25H52	000629-99-2	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093232.D
Acq On : 28 Feb 2017 3:59
Operator : SJ/MA
Sample : I1972-13 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B1-SW-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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
2-Pentanone, 4-hy...	4.97	5.3	ng	266298	1	6.82	994678	20.0
unknown6.59	6.59	14.3	ng	711953	1	6.82	994678	20.0
unknown11.95	11.95	2.4	ng	154357	4	11.35	1310180	20.0
Benzo[e]pyrene	15.30	4.6	ng	197012	6	15.41	860000	20.0
Tetracosane	15.83	2.9	ng	122352	6	15.41	860000	20.0