

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
 Data File : BF087751.D
 Acq On : 6 Jun 2016 14:43
 Operator : UM/SJ
 Sample : H3267-10 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1257(0-4)

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_F\METHODS\8270-BF060416.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	1.655	4	6	9	rVB	731401	744328	19.71%	3.560%
2	1.895	26	27	42	rVB	1997469	3776176	100.00%	18.062%
3	5.016	298	300	302	rBV	63410	90725	2.40%	0.434%
4	5.439	334	337	339	rBV	397738	534698	14.16%	2.557%
5	6.467	425	427	431	rBV	615988	611246	16.19%	2.924%
6	6.616	437	440	442	rBV	444245	602236	15.95%	2.881%
7	6.844	458	460	463	rBV	743099	757980	20.07%	3.625%
8	7.004	471	474	476	rBV	611092	509355	13.49%	2.436%
9	7.404	507	509	512	rBV	353976	317286	8.40%	1.518%
10	8.136	570	573	575	rBV	1270506	1099623	29.12%	5.260%
11	9.210	665	667	669	rVB	1001760	794644	21.04%	3.801%
12	9.599	700	701	704	rBV	48662	68661	1.82%	0.328%
13	9.748	712	714	716	rVB	51842	41362	1.10%	0.198%
14	9.885	724	726	728	rBV	1052117	1030402	27.29%	4.928%
15	9.919	728	729	731	rVB	58894	42598	1.13%	0.204%
16	10.433	772	774	776	rVB	45738	42855	1.13%	0.205%
17	10.673	792	795	797	rVB2	241776	308872	8.18%	1.477%
18	10.799	801	806	809	rBV2	38925	59651	1.58%	0.285%
19	11.245	841	845	846	rBV2	28328	42499	1.13%	0.203%
20	11.371	853	856	860	rBV2	1009423	1314352	34.81%	6.287%
21	11.439	860	862	864	rVB	117676	99066	2.62%	0.474%
22	11.599	873	876	880	rBV2	26231	43943	1.16%	0.210%
23	11.862	897	899	901	rBV	39037	56491	1.50%	0.270%
24	11.896	901	902	904	rVV	74142	54498	1.44%	0.261%
25	11.976	907	909	914	rVB	112446	146888	3.89%	0.703%
26	12.182	923	927	929	rVB	51160	87830	2.33%	0.420%
27	12.411	945	947	949	rBV	34832	43592	1.15%	0.209%
28	12.502	953	955	959	rVB2	27922	43951	1.16%	0.210%
29	12.571	959	961	964	rBV	565317	742953	19.67%	3.554%
30	12.731	971	975	978	rBV4	17856	55640	1.47%	0.266%
31	12.799	978	981	984	rBV	626415	789129	20.90%	3.774%
32	12.856	984	986	988	rVB2	27041	39416	1.04%	0.189%
33	12.948	992	994	997	rVB	633844	585309	15.50%	2.800%
34	13.016	997	1000	1004	rBV3	45290	94407	2.50%	0.452%

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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_F\METHODS\8270-BF060416.M
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35	13.131	1004	1010	1012	rBV	110099	166243	4.40%	0.795%
36	13.199	1012	1016	1017	rBV	77071	81158	2.15%	0.388%
37	13.234	1017	1019	1020	rBV	84769	84227	2.23%	0.403%
38	13.531	1041	1045	1050	rBV4	25349	63007	1.67%	0.301%
39	13.634	1050	1054	1057	rBV	57035	90705	2.40%	0.434%
40	13.748	1061	1064	1065	rBV2	60016	92063	2.44%	0.440%
41	13.794	1065	1068	1071	rVV3	44675	131595	3.48%	0.629%
42	13.839	1071	1072	1076	rVB	56761	66057	1.75%	0.316%
43	13.999	1082	1086	1091	rBV2	1017349	1666147	44.12%	7.969%
44	14.102	1093	1095	1097	rVV	67155	63921	1.69%	0.306%
45	14.217	1103	1105	1107	rVB2	28226	46453	1.23%	0.222%
46	14.388	1115	1120	1121	rBV	58289	134488	3.56%	0.643%
47	14.422	1121	1123	1124	rVB2	35785	42756	1.13%	0.205%
48	14.479	1125	1128	1129	rBV2	39500	61580	1.63%	0.295%
49	14.685	1144	1146	1147	rBV2	24383	39504	1.05%	0.189%
50	15.017	1172	1175	1180	rBV	333809	641802	17.00%	3.070%
51	15.120	1181	1184	1186	rVB	64933	85789	2.27%	0.410%
52	15.302	1198	1200	1203	rVB	198497	245099	6.49%	1.172%
53	15.360	1203	1205	1208	rBV	261744	313832	8.31%	1.501%
54	15.428	1208	1211	1213	rBV	526317	759508	20.11%	3.633%
55	16.800	1328	1331	1335	rBV2	93791	190073	5.03%	0.909%
56	17.223	1364	1368	1373	rBV	78339	168536	4.46%	0.806%

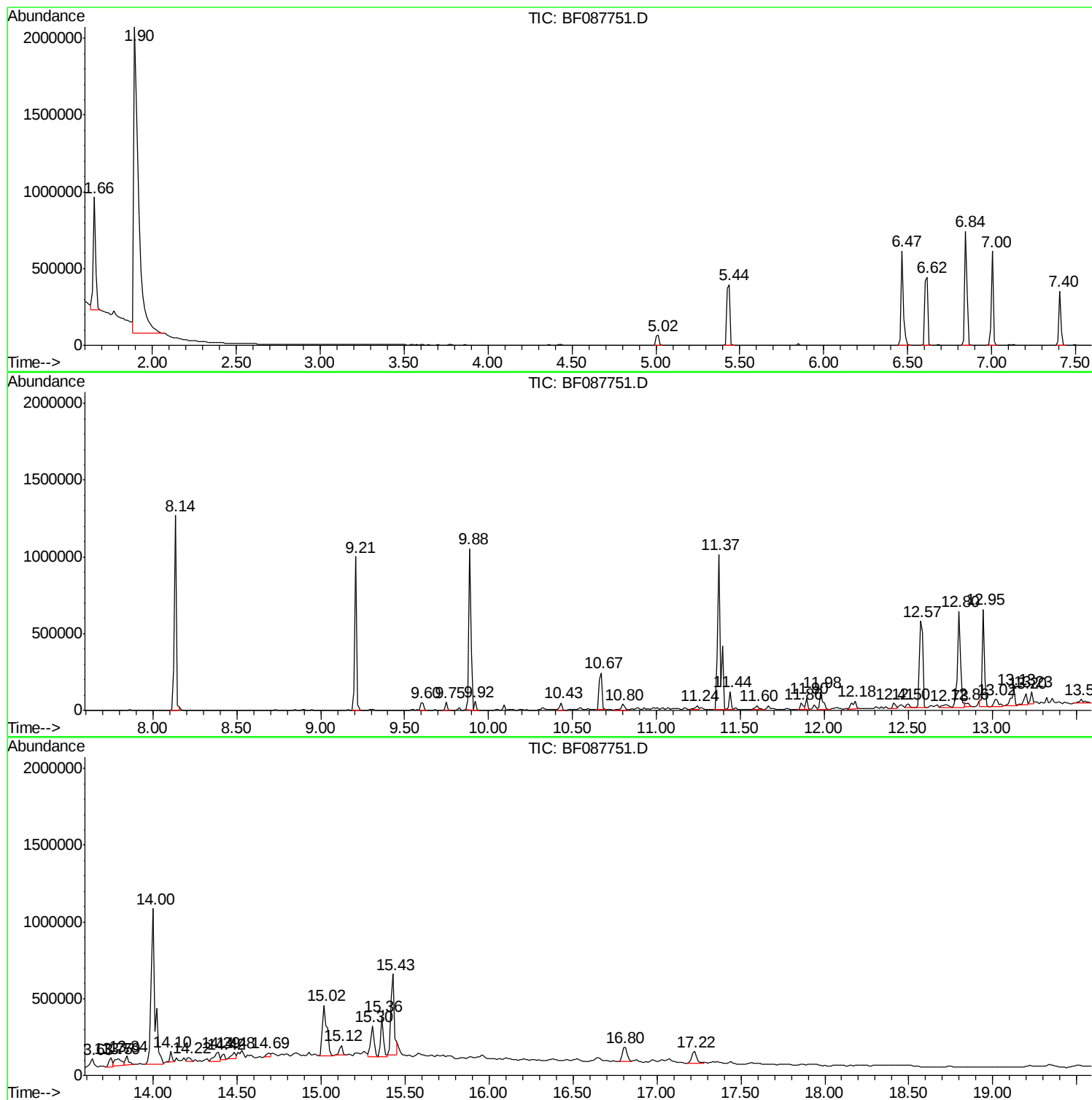
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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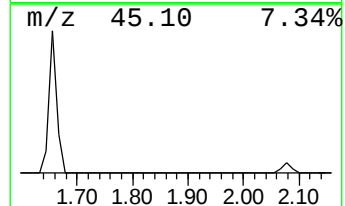
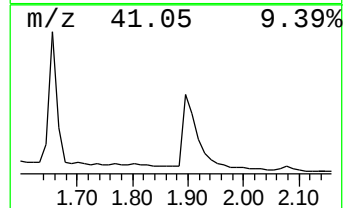
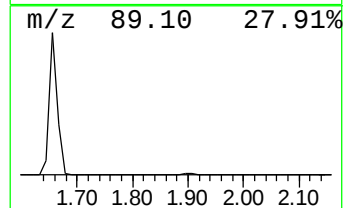
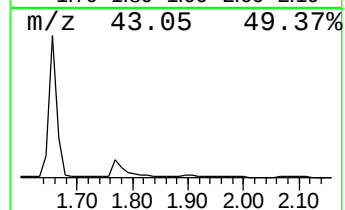
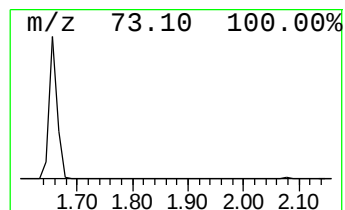
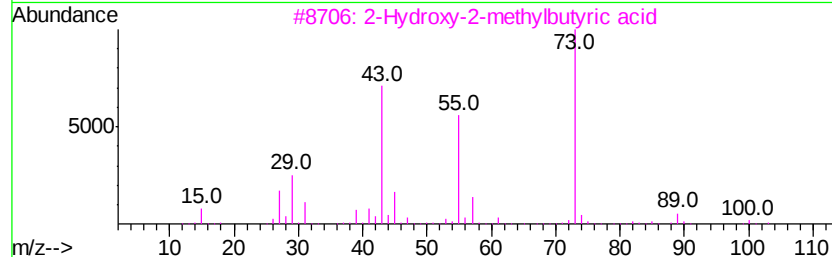
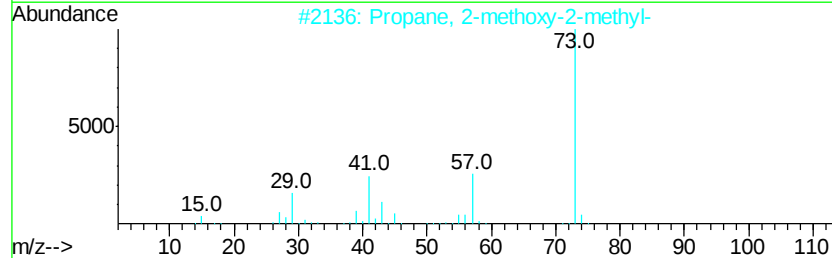
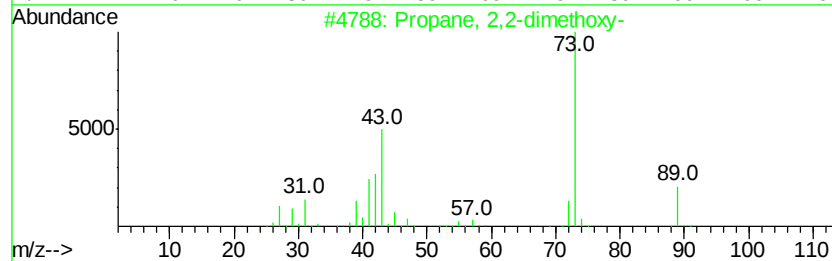
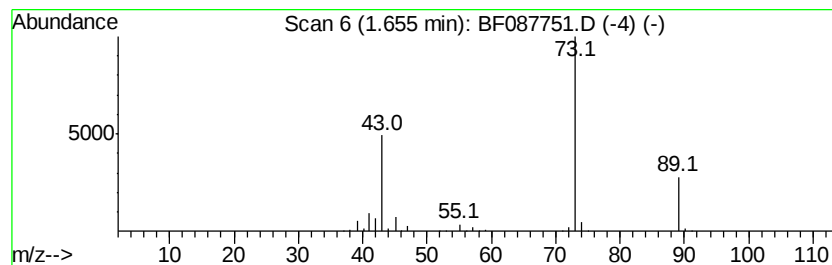
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown1.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.66	19.64 ng	744328	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	39
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7
5		N-Ethylformamide	73	C3H7NO	000627-45-2	5



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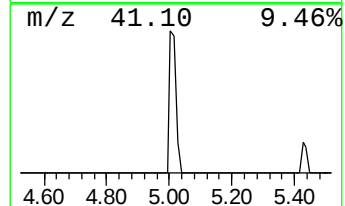
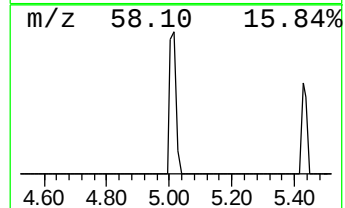
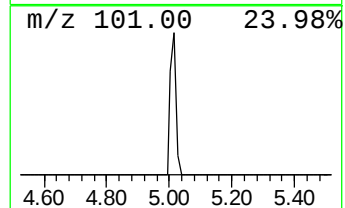
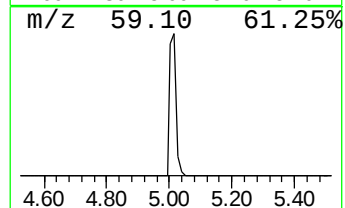
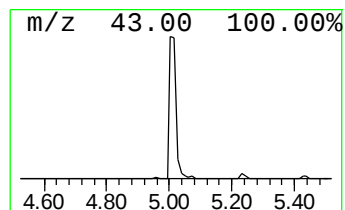
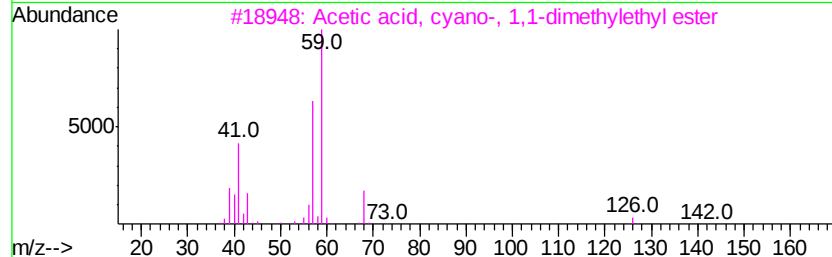
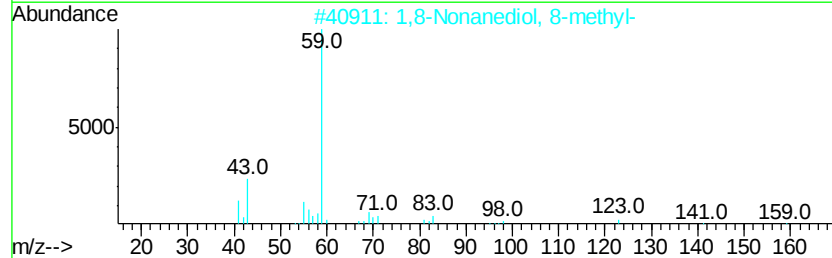
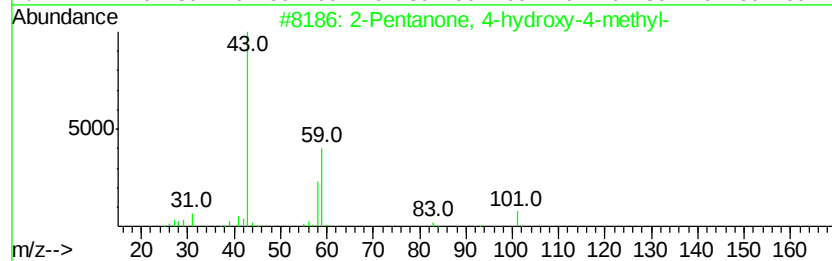
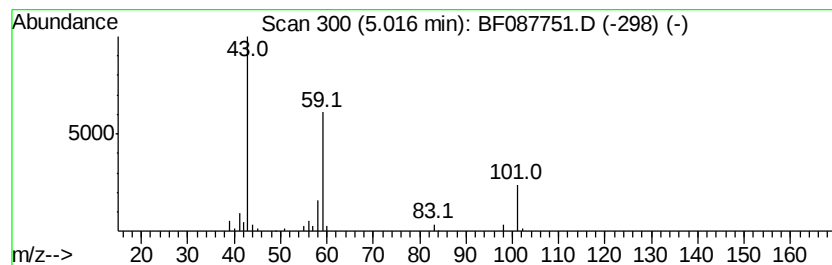
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	2.39 ng	90725	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		5-Hexen-2-one	98	C6H10O	000109-49-9	10
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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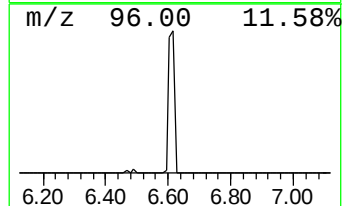
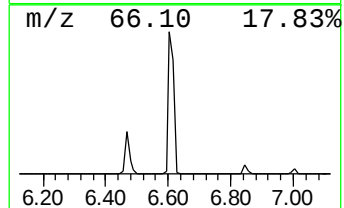
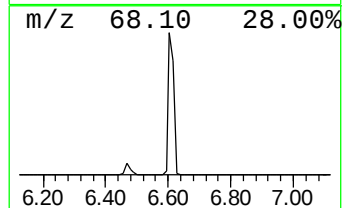
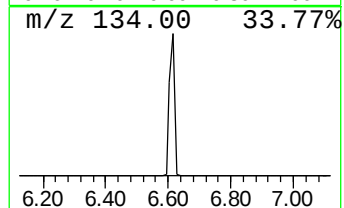
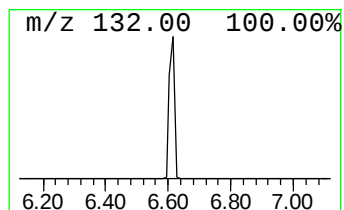
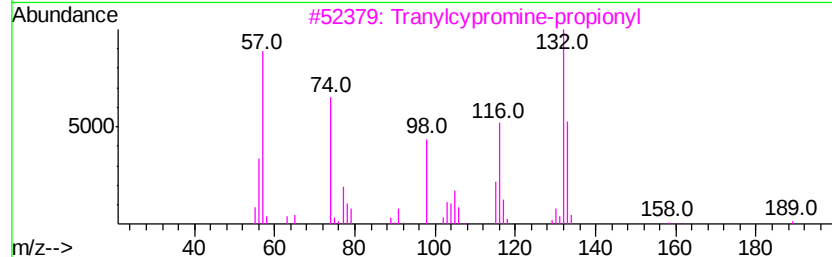
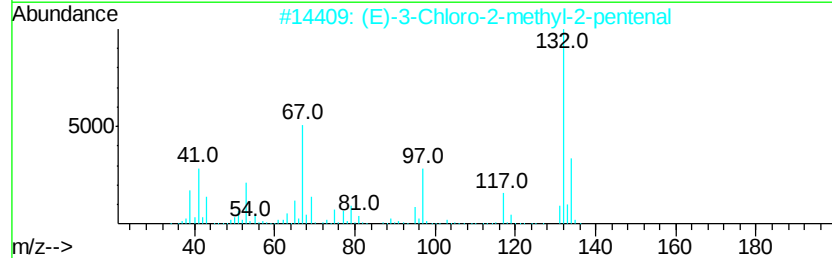
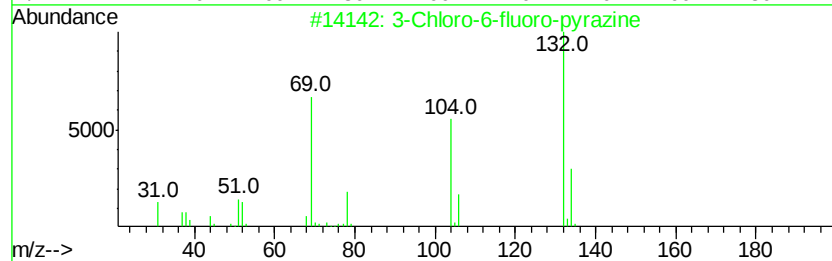
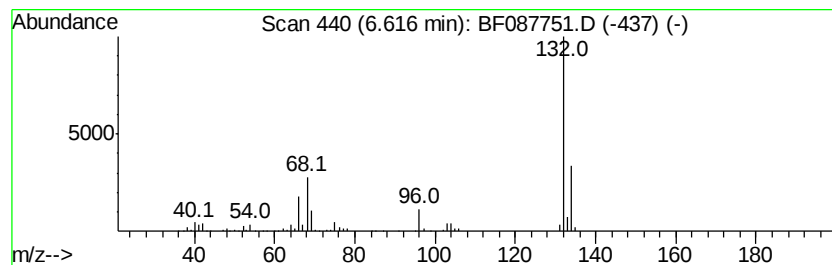
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	15.89 ng	602236	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	40
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	33
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	32
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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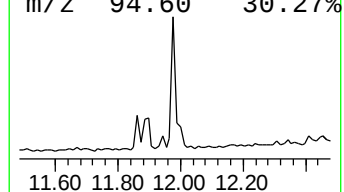
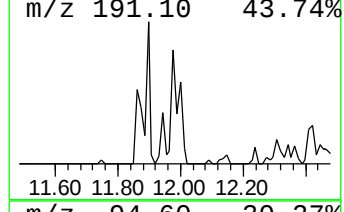
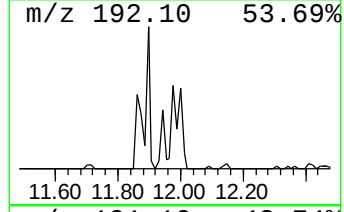
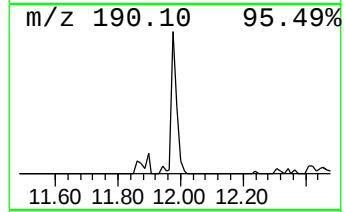
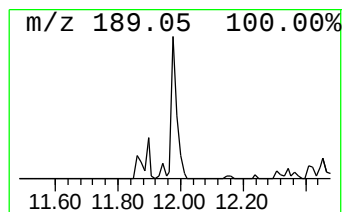
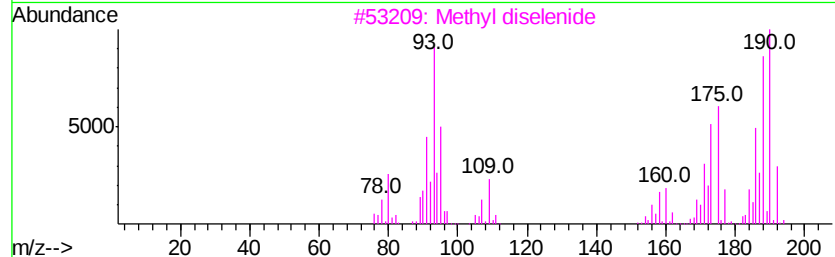
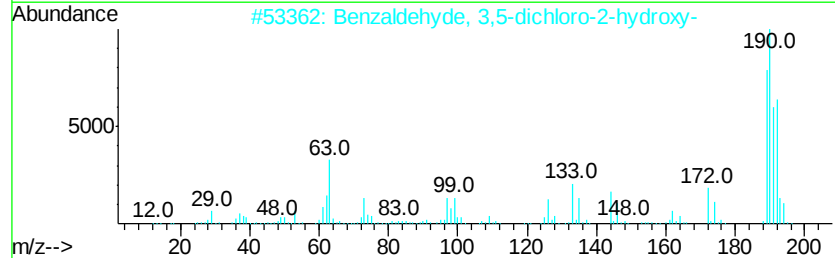
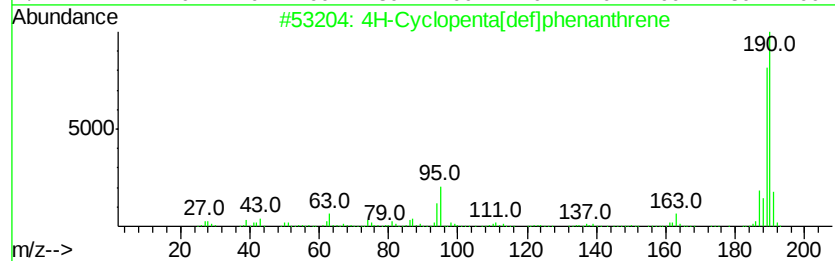
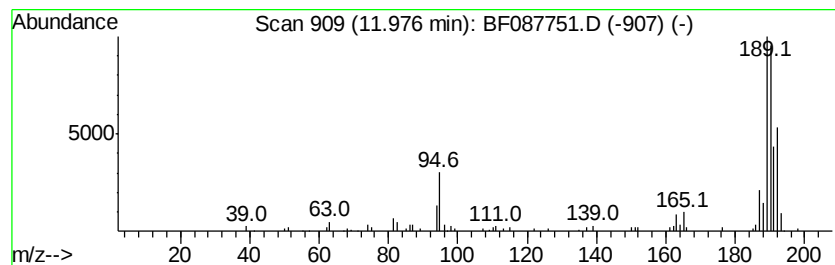
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.98	2.24 ng	146888	Phenanthrene-d10		11.37
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	47
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	18



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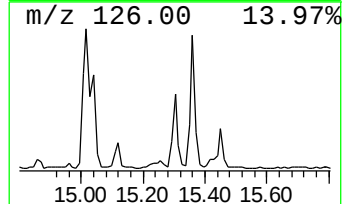
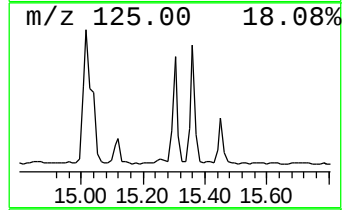
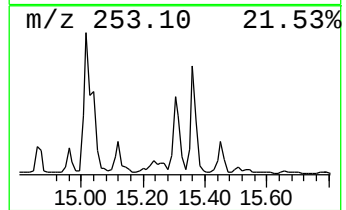
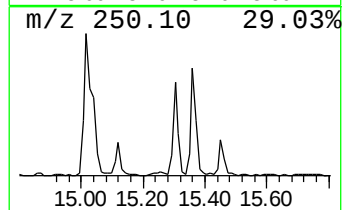
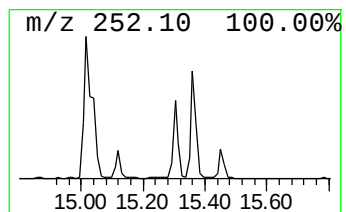
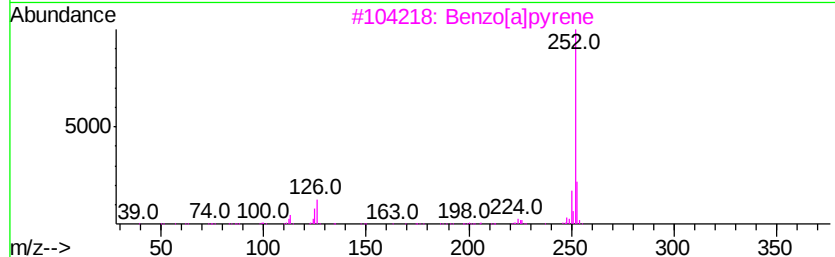
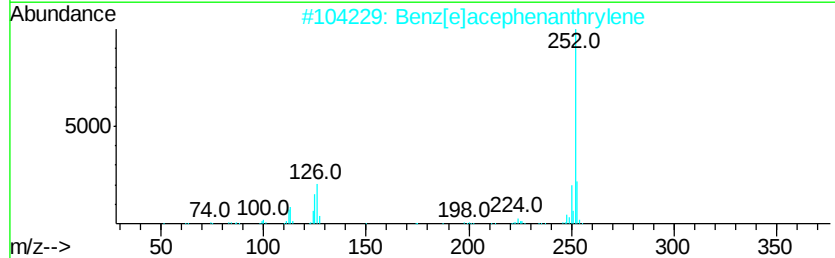
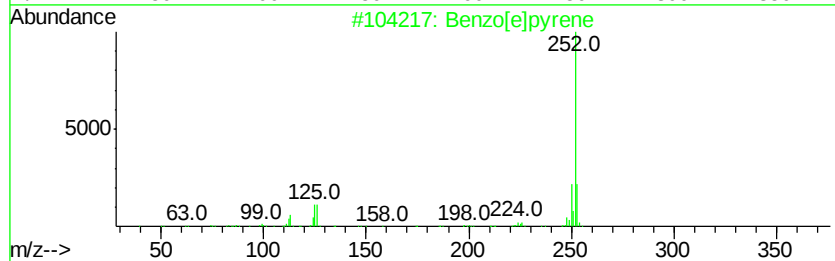
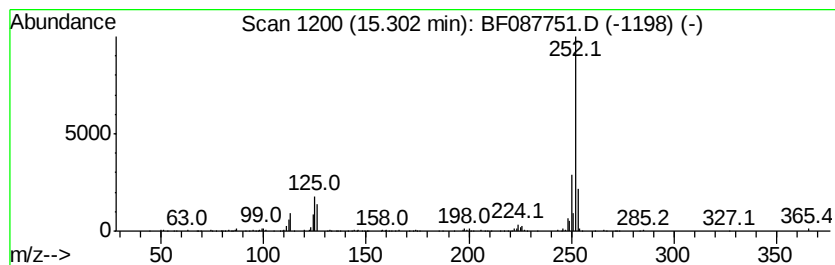
Instrument :
BNA_F
ClientSampleId :
STA-TA-1257(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	6.45 ng	245099	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 97
2		Benzo[e]acephenanthrylene	252 C20H12	000205-99-2 94
3		Benzo[a]pyrene	252 C20H12	000050-32-8 91
4		Perylene	252 C20H12	000198-55-0 90
5		Benzo[k]fluoranthene	252 C20H12	000207-08-9 83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087751.D
Acq On : 6 Jun 2016 14:43
Operator : UM/SJ
Sample : H3267-10 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-TA-1257(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown1.66	1.66	19.6	ng	744328	1	6.84	757980	20.0
2-Pentanone, 4-hy...	5.02	2.4	ng	90725	1	6.84	757980	20.0
unknown6.62	6.62	15.9	ng	602236	1	6.84	757980	20.0
4H-Cyclopenta[def...	11.98	2.2	ng	146888	4	11.37	1314350	20.0
Benzo[e]pyrene	15.30	6.5	ng	245099	6	15.43	759508	20.0