

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
 Data File : BF083028.D
 Acq On : 19 Nov 2015 00:51
 Operator : UM/IZ
 Sample : G4440-02 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 V1S2

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-BF110715.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	2.293	16	18	28	rVB2	51915	95728	5.47%	0.544%
2	4.864	241	243	246	rBV	294999	293935	16.80%	1.671%
3	5.322	281	283	286	rBV	592045	634143	36.24%	3.605%
4	6.270	364	366	370	rVB	18032	20213	1.16%	0.115%
5	6.373	373	375	378	rBV	517009	686825	39.25%	3.905%
6	6.499	384	386	388	rBV	850837	685418	39.17%	3.897%
7	6.727	404	406	408	rBV	904940	782363	44.71%	4.448%
8	6.887	417	420	422	rBV	647512	556476	31.80%	3.164%
9	6.967	425	427	429	rBV	16836	23684	1.35%	0.135%
10	7.287	453	455	457	rBV	433238	386947	22.11%	2.200%
11	7.779	491	498	500	rBV5	10168	33252	1.90%	0.189%
12	8.019	517	519	521	rBV	1305574	1042867	59.59%	5.929%
13	8.465	555	558	565	rVB3	17101	35265	2.02%	0.200%
14	8.579	565	568	571	rBV3	7907	18737	1.07%	0.107%
15	8.625	571	572	574	rBV	21571	19600	1.12%	0.111%
16	8.785	582	586	589	rBV	96456	136810	7.82%	0.778%
17	8.933	595	599	602	rBV4	7238	19976	1.14%	0.114%
18	9.059	609	610	611	rVB	30583	20980	1.20%	0.119%
19	9.093	611	613	616	rVB	874518	733586	41.92%	4.171%
20	9.196	616	622	624	rBV	37669	60633	3.46%	0.345%
21	9.436	641	643	645	rBV3	11131	19622	1.12%	0.112%
22	9.493	645	648	649	rVV	289859	254018	14.52%	1.444%
23	9.516	649	650	653	rVB	33586	33161	1.89%	0.189%
24	9.722	666	668	670	rBV	47221	34203	1.95%	0.194%
25	9.768	670	672	674	rBV	1223767	1061223	60.64%	6.033%
26	9.802	674	675	677	rVB	30764	23301	1.33%	0.132%
27	9.973	688	690	692	rBV	18087	18840	1.08%	0.107%
28	10.042	694	696	698	rVB2	21145	18264	1.04%	0.104%
29	10.191	706	709	710	rBV	50306	51317	2.93%	0.292%
30	10.213	710	711	714	rVB	23238	26142	1.49%	0.149%
31	10.316	716	720	723	rVB	29710	55174	3.15%	0.314%
32	10.442	728	731	732	rBV	19426	24217	1.38%	0.138%
33	10.556	738	741	743	rBV	297817	325215	18.58%	1.849%
34	10.705	751	754	757	rBV3	37467	72544	4.15%	0.412%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.751	757	758	759 rVV	56723	40625	2.32%	0.231%
36	10.785	759	761	762 rVV	62918	61782	3.53%	0.351%
37	10.819	762	764	767 rVV2	60343	94248	5.39%	0.536%
38	10.888	767	770	772 rVB3	23931	47891	2.74%	0.272%
39	10.922	772	773	775 rBV2	39031	48511	2.77%	0.276%
40	10.968	775	777	778 rBV	43985	38041	2.17%	0.216%
41	11.002	778	780	783 rVB3	34620	56701	3.24%	0.322%
42	11.059	783	785	787 rBV3	13473	24114	1.38%	0.137%
43	11.105	787	789	790 rBV	17140	20438	1.17%	0.116%
44	11.139	790	792	794 rBV2	37776	36505	2.09%	0.208%
45	11.242	799	801	805 rBV	612035	1213878	69.36%	6.901%
46	11.322	805	808	809 rBV	101746	89444	5.11%	0.509%
47	11.356	809	811	813 rBV2	27886	25395	1.45%	0.144%
48	11.482	820	822	823 rBV	41638	39390	2.25%	0.224%
49	11.745	843	845	847 rBV	43115	66682	3.81%	0.379%
50	11.779	847	848	850 rVB	65590	47746	2.73%	0.271%
51	11.825	850	852	853 rBV	41976	40439	2.31%	0.230%
52	11.859	853	855	856 rBV	135371	120741	6.90%	0.686%
53	12.065	869	873	876 rBV3	76089	188904	10.79%	1.074%
54	12.191	882	884	886 rBV3	26638	48972	2.80%	0.278%
55	12.248	887	889	891 rVV3	35781	44902	2.57%	0.255%
56	12.385	899	901	905 rBV2	33030	39531	2.26%	0.225%
57	12.454	905	907	910 rBV	922872	822770	47.02%	4.678%
58	12.511	910	912	914 rBV	69824	87726	5.01%	0.499%
59	12.682	924	927	929 rBV	756012	788486	45.06%	4.483%
60	12.717	929	930	934 rVB2	99067	152329	8.70%	0.866%
61	12.831	938	940	943 rVB	622417	560168	32.01%	3.185%
62	13.014	954	956	958 rVB	153028	140698	8.04%	0.800%
63	13.082	959	962	963 rBV2	100443	122098	6.98%	0.694%
64	13.117	963	965	969 rVV3	83429	153946	8.80%	0.875%
65	13.631	1007	1010	1011 rBV2	71741	138230	7.90%	0.786%
66	13.757	1019	1021	1023 rVB	93133	87074	4.98%	0.495%
67	13.882	1029	1032	1036 rBV2	1126245	1750012	100.00%	9.949%
68	14.888	1117	1120	1124 rVB	282577	599840	34.28%	3.410%
69	15.151	1141	1143	1146 rBV	146921	228666	13.07%	1.300%
70	15.208	1146	1148	1151 rBV	200903	229173	13.10%	1.303%
71	15.265	1151	1153	1155 rBV	378741	507474	29.00%	2.885%

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Stop Thrs : 0 Peak Location: TOP

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72	15.917	1208	1210	1216	rVB3	89182	207982	11.88%	1.182%
73	16.580	1266	1268	1277	rVB2	113309	272860	15.59%	1.551%

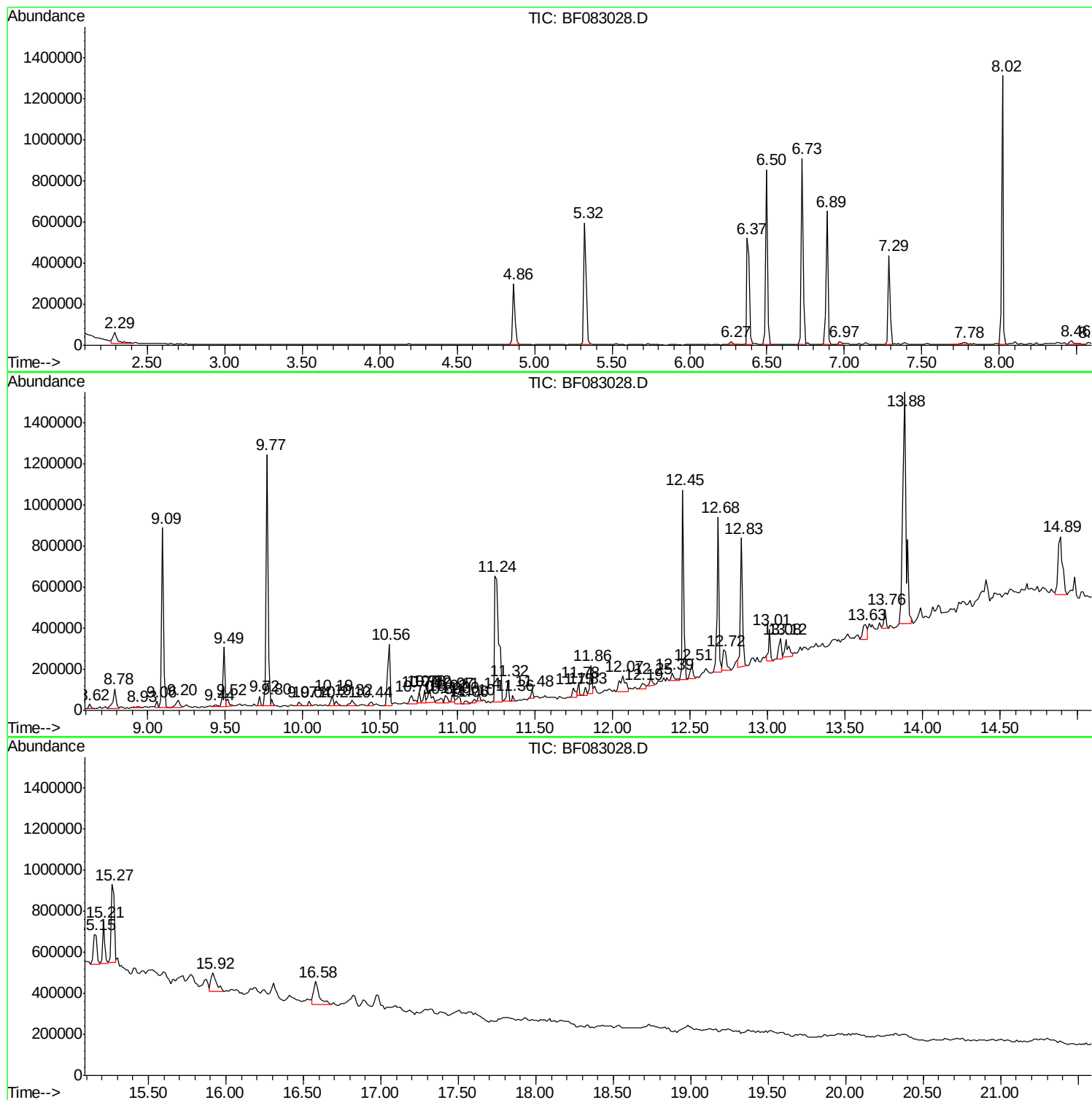
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Instrument :
BNA_F
ClientSampled :
V1S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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Instrument :
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ClientSampleId :
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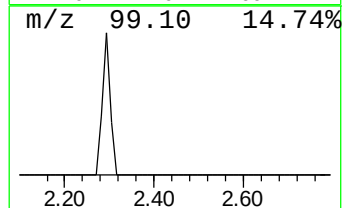
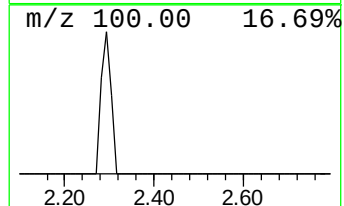
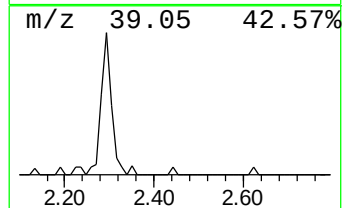
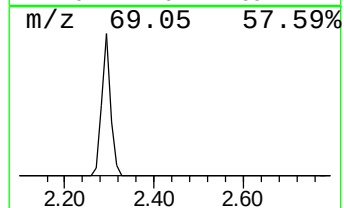
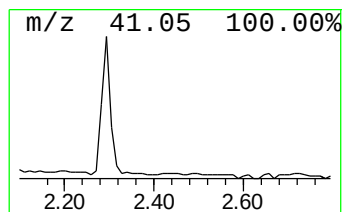
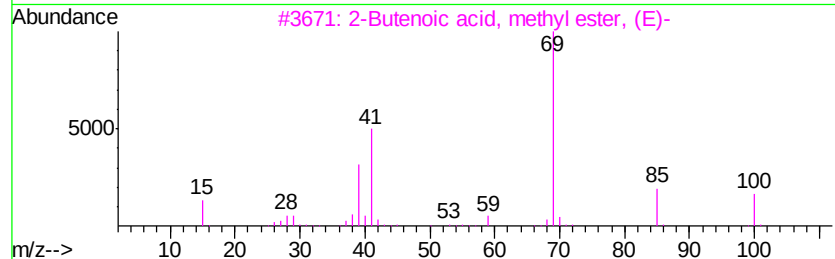
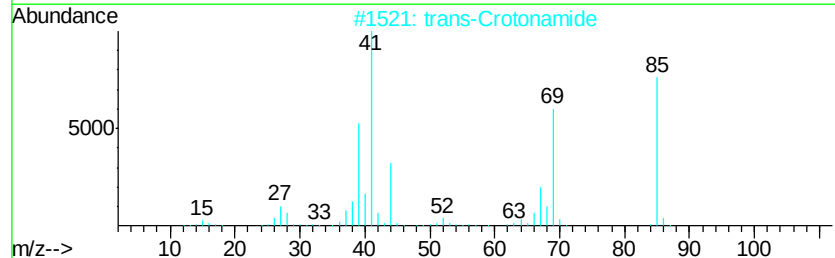
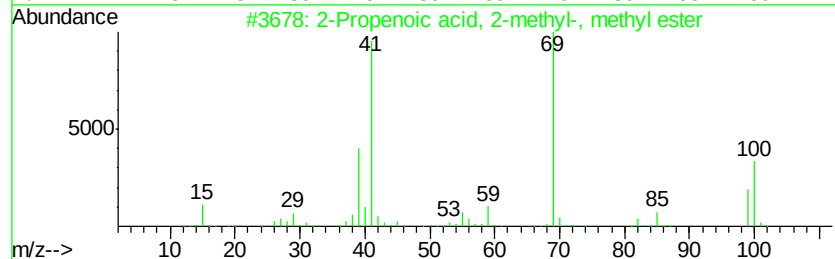
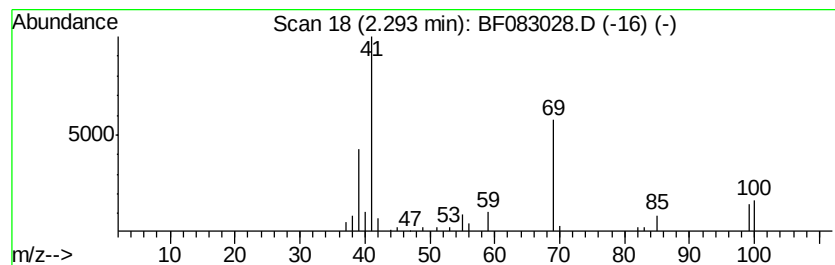
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Propenoic acid, 2-methyl-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.29	2.45 ng	95728	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propenoic acid, 2-methyl-, met...	100	C5H8O2	000080-62-6	80
2			trans-Crotonamide	85	C4H7NO	000625-37-6	53
3			2-Butenoic acid, methyl ester, (E)-	100	C5H8O2	000623-43-8	38
4			Methacryloyl chloride	104	C4H5ClO	000920-46-7	37
5			Oxetane, 2-methyl-4-propyl-	114	C7H14O	007045-79-6	36



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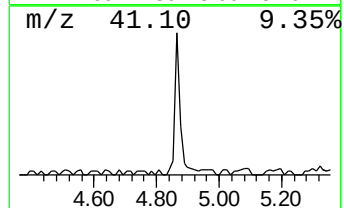
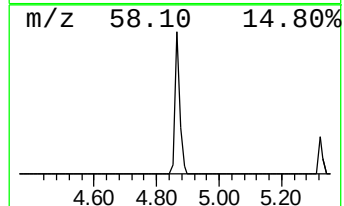
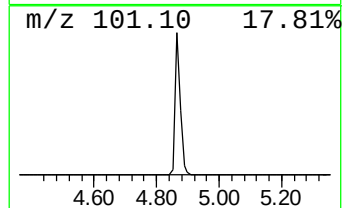
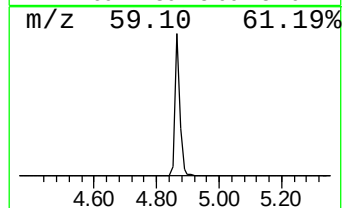
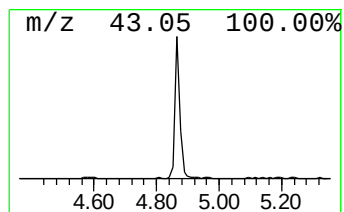
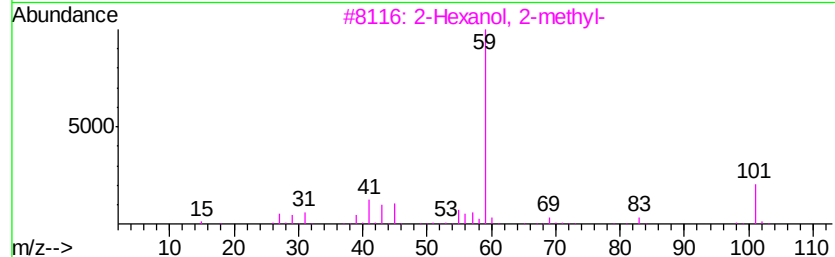
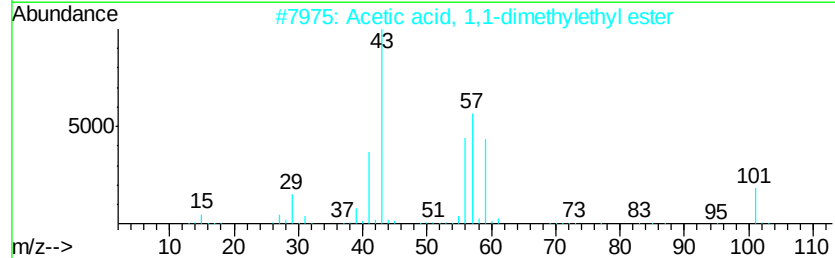
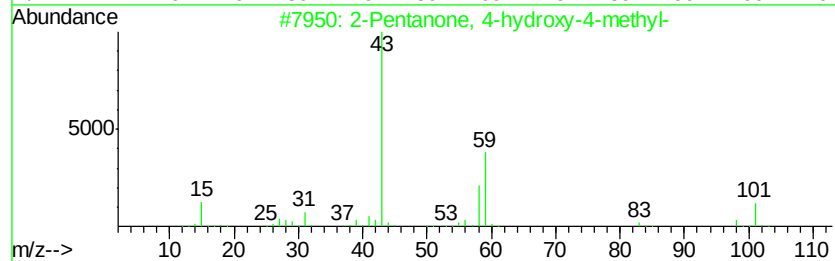
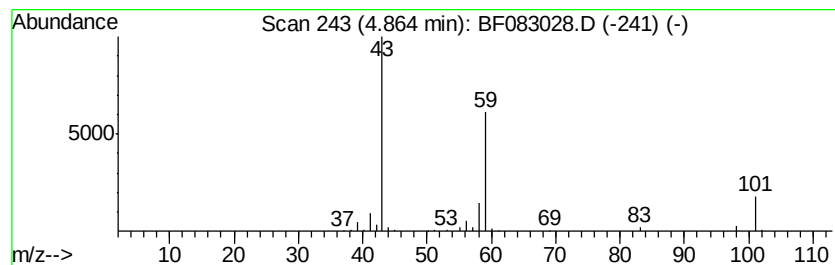
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	7.51 ng	293935	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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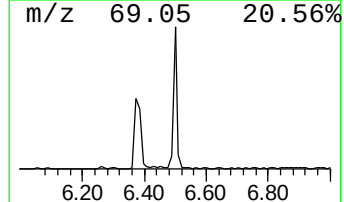
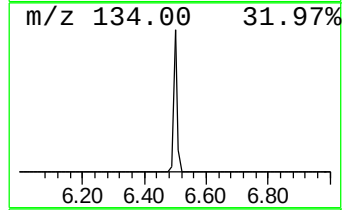
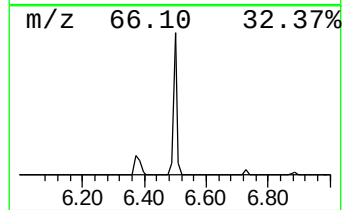
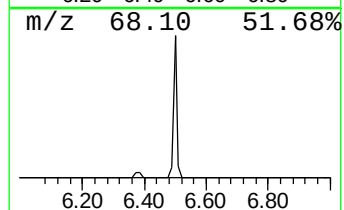
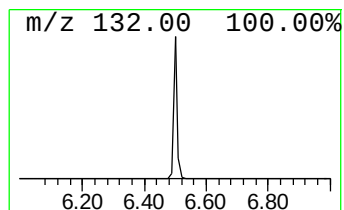
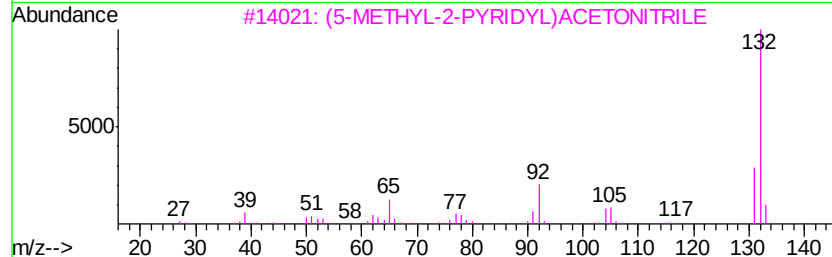
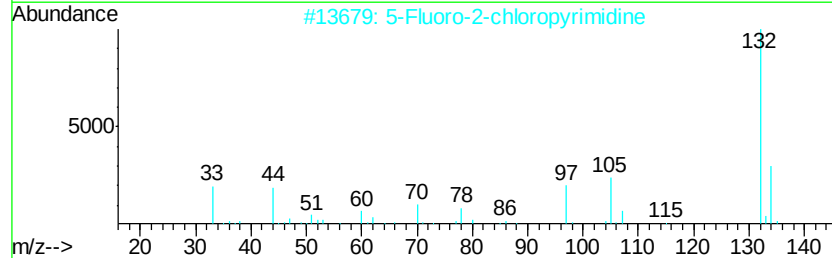
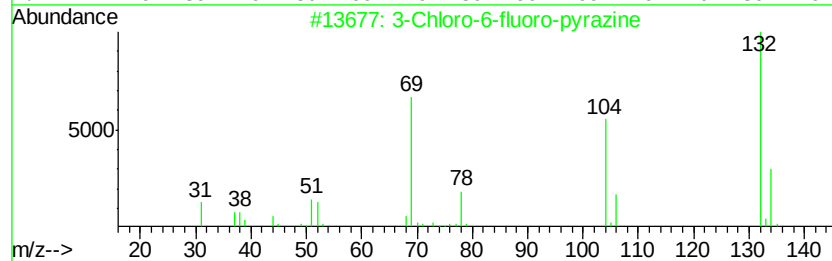
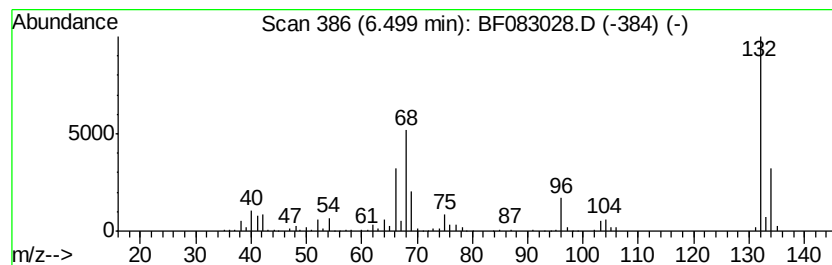
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	17.52 ng	685418	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5		Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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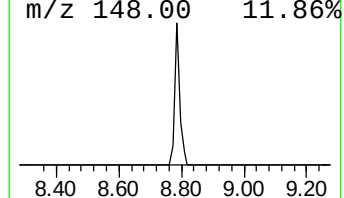
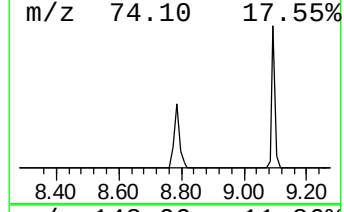
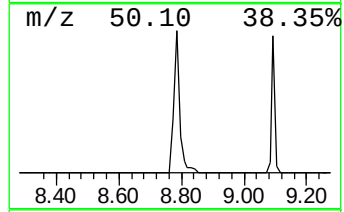
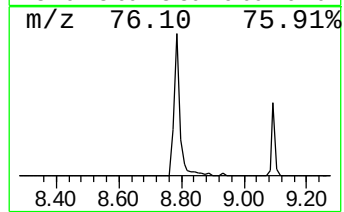
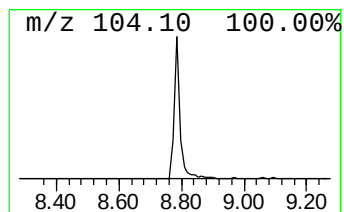
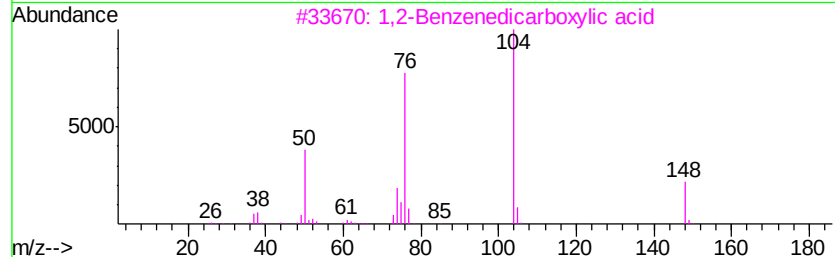
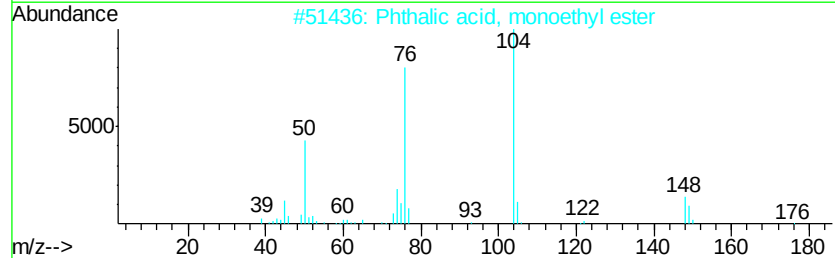
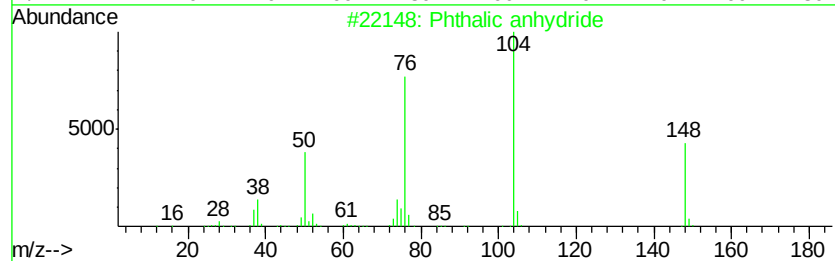
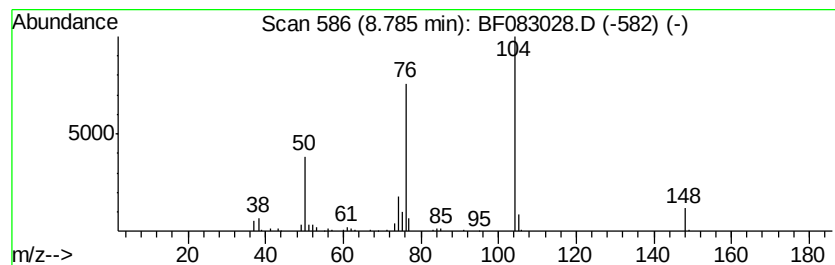
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Phthalic anhydride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	2.62 ng	136810	Naphthalene-d8	8.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Phthalic anhydride	148 C8H4O3	000085-44-9 94
2		Phthalic acid, monoethyl ester	194 C10H10O4	002306-33-4 90
3		1,2-Benzenedicarboxylic acid	166 C8H6O4	000088-99-3 83
4		N-[2-Acetamidoethylthio]phthalimide	264 C12H12N2O3S	025158-14-9 78
5		Bicyclo[4.2.0]octa-1,3,5-triene...	132 C8H4O2	006383-11-5 78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083028.D
Acq On : 19 Nov 2015 00:51
Operator : UM/IZ
Sample : G4440-02 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
V1S2

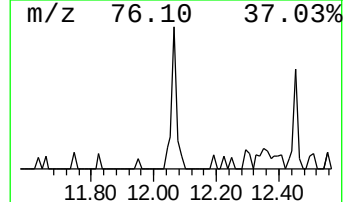
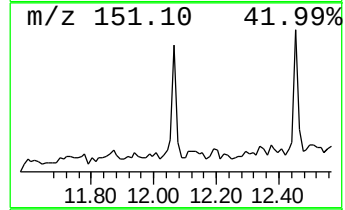
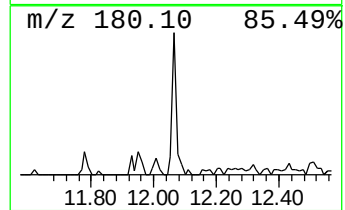
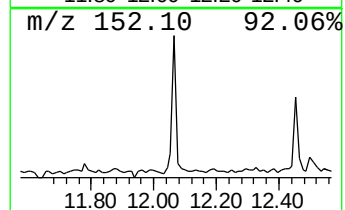
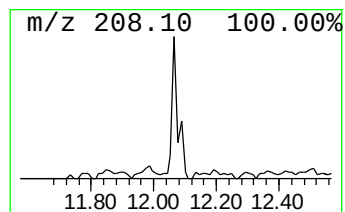
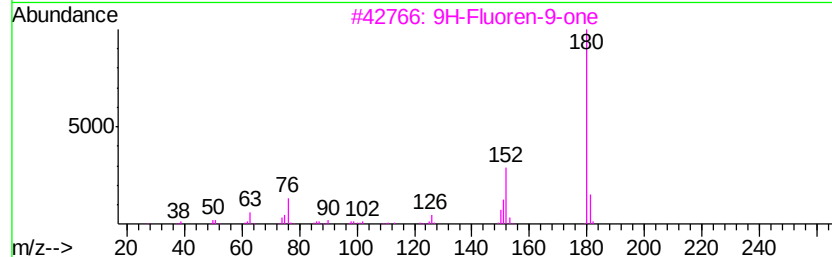
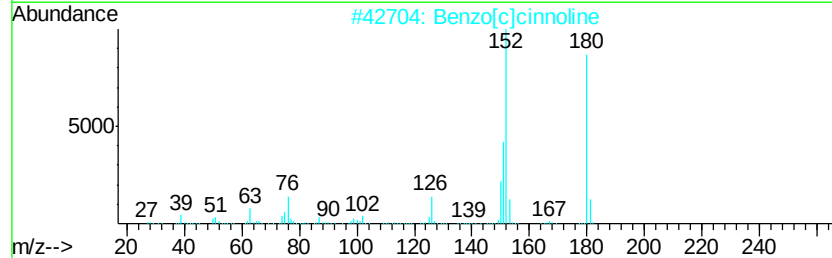
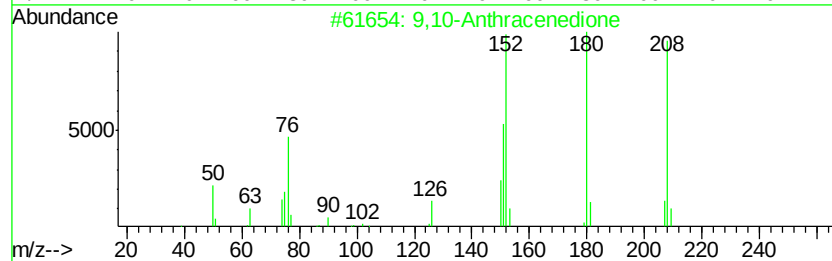
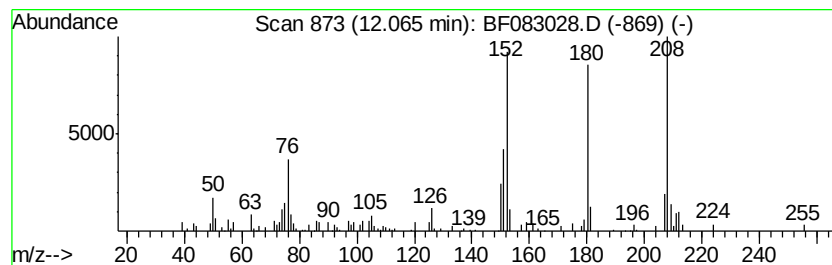
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	3.11 ng	188904	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
4		1,4-Anthracenedione	208	C14H8O2	000635-12-1	60
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083028.D
Acq On : 19 Nov 2015 00:51
Operator : UM/IZ
Sample : G4440-02 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
V1S2

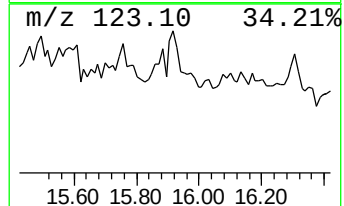
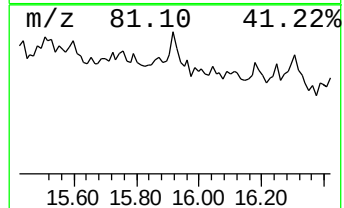
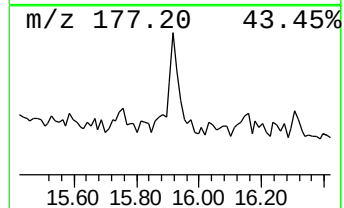
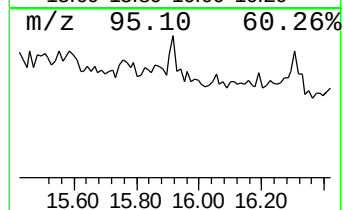
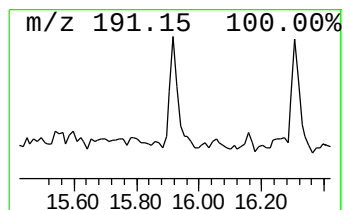
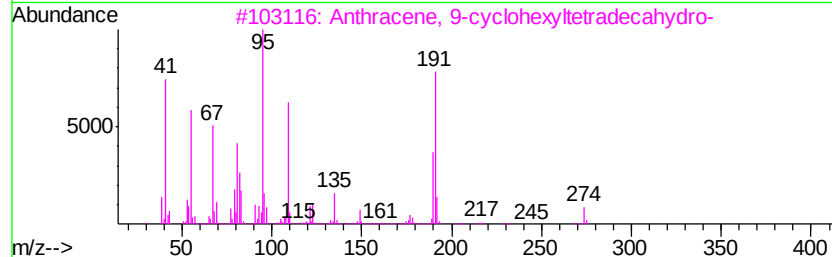
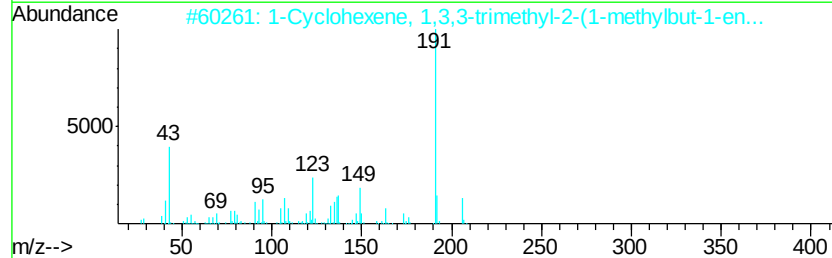
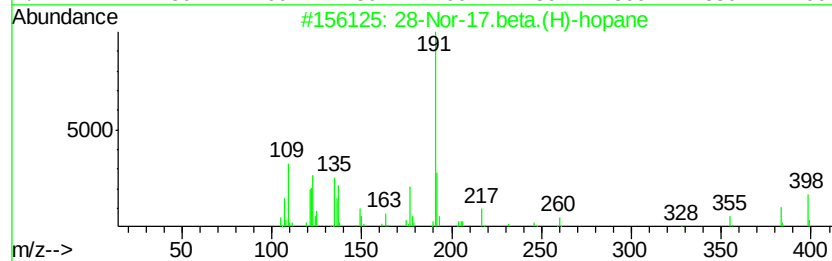
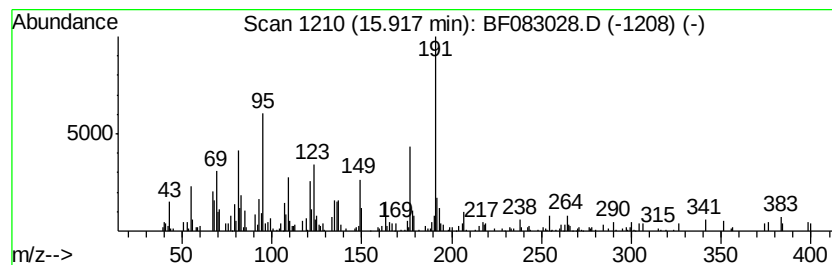
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown15.92 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	8.20 ng	207982	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	47
2		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	46
3		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	38
4		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	35
5		9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
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Operator : UM/IZ
Sample : G4440-02 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
V1S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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-Propenoic acid,...	2.29	2.5	ng	95728	1	6.73	782363	20.0
2-Pentanone, 4-hy...	4.86	7.5	ng	293935	1	6.73	782363	20.0
unknown6.50	6.50	17.5	ng	685418	1	6.73	782363	20.0
Phthalic anhydride	8.78	2.6	ng	136810	2	8.02	1042870	20.0
9,10-Anthracenedione	12.07	3.1	ng	188904	4	11.25	1213880	20.0
unknown15.92	15.92	8.2	ng	207982	6	15.28	507474	20.0