

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
 Data File : BF081367.D
 Acq On : 3 Sep 2015 00:52
 Operator : UM/IZ
 Sample : G3474-05MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

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-BF090115.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	1.770	15	16	30	rVB	83617	131095	3.79%	0.137%
2	2.284	57	61	65	rBV2	109670	255253	7.39%	0.268%
3	2.353	65	67	75	rVV	85436	239912	6.94%	0.252%
4	2.707	95	98	102	rBV	79541	145272	4.20%	0.152%
5	3.599	173	176	182	rBV	50438	103943	3.01%	0.109%
6	4.399	243	246	248	rBV	56822	69640	2.02%	0.073%
7	4.444	248	250	261	rVB	466713	849141	24.57%	0.891%
8	4.947	292	294	300	rBV	1075990	1125208	32.56%	1.180%
9	5.370	328	331	335	rVB	39416	48601	1.41%	0.051%
10	5.930	377	380	383	rVB	35202	45105	1.31%	0.047%
11	6.067	390	392	396	rBV2	807525	1192760	34.52%	1.251%
12	6.159	396	400	404	rVB3	1531159	3455378	100.00%	3.624%
13	6.319	412	414	417	rBV	716412	942378	27.27%	0.988%
14	6.410	418	422	424	rBV2	906911	1531441	44.32%	1.606%
15	6.490	425	429	431	rVB	45277	65599	1.90%	0.069%
16	6.547	431	434	438	rBV2	1979153	3328790	96.34%	3.491%
17	6.696	444	447	450	rVB	1298821	1683187	48.71%	1.765%
18	6.822	455	458	459	rBV	1310175	1475988	42.72%	1.548%
19	6.845	459	460	463	rVV2	965505	1235374	35.75%	1.296%
20	6.902	463	465	467	rVB	811036	717658	20.77%	0.753%
21	6.970	467	471	475	rBV3	1085533	2650958	76.72%	2.780%
22	7.176	486	489	491	rBV2	37063	70004	2.03%	0.073%
23	7.245	491	495	497	rVV	977174	1191085	34.47%	1.249%
24	7.302	498	500	502	rVB	480706	657181	19.02%	0.689%
25	7.382	504	507	509	rVB	932643	1064110	30.80%	1.116%
26	7.462	511	514	516	rVV	875685	837317	24.23%	0.878%
27	7.519	516	519	520	rVV2	110919	173092	5.01%	0.182%
28	7.565	520	523	525	rVV	964729	899954	26.05%	0.944%
29	7.633	525	529	531	rVV	841760	1075701	31.13%	1.128%
30	7.702	531	535	538	rVV	1381546	1983839	57.41%	2.081%
31	7.782	540	542	544	rBV	114201	187385	5.42%	0.197%
32	7.828	544	546	548	rVB	1026224	935032	27.06%	0.981%
33	7.885	548	551	552	rVB	59151	80161	2.32%	0.084%
34	7.930	552	555	557	rBV	132700	155218	4.49%	0.163%

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35	8.068	563	567	569	rBV4	34969	99276	2.87%	0.104%
36	8.113	569	571	572	rVV2	32711	48799	1.41%	0.051%
37	8.148	572	574	577	rVV4	52908	98015	2.84%	0.103%
38	8.216	577	580	582	rVV2	77945	145525	4.21%	0.153%
39	8.285	583	586	588	rVB	690293	883427	25.57%	0.927%
40	8.399	588	596	598	rBV2	1230078	2197965	63.61%	2.305%
41	8.456	598	601	602	rBV2	215495	289985	8.39%	0.304%
42	8.490	602	604	606	rVV	1541968	1420442	41.11%	1.490%
43	8.559	606	610	612	rVV2	1138571	1500294	43.42%	1.573%
44	8.639	616	617	618	rBV	34664	46529	1.35%	0.049%
45	8.685	618	621	622	rVV	920783	936852	27.11%	0.983%
46	8.719	622	624	625	rVV	873842	1241289	35.92%	1.302%
47	8.742	625	626	627	rVV	1104145	1124392	32.54%	1.179%
48	8.765	627	628	631	rVV	2272148	2009456	58.15%	2.107%
49	8.868	634	637	640	rBV2	1534991	2753770	79.70%	2.888%
50	8.936	640	643	646	rVV4	32099	44528	1.29%	0.047%
51	8.993	646	648	650	rVV	758015	682670	19.76%	0.716%
52	9.096	655	657	659	rBV	151393	306090	8.86%	0.321%
53	9.142	659	661	662	rVV	536012	585198	16.94%	0.614%
54	9.188	662	665	666	rVV	1174152	1280355	37.05%	1.343%
55	9.245	666	670	671	rVV2	614161	1377802	39.87%	1.445%
56	9.291	671	674	677	rVB	1512825	1762823	51.02%	1.849%
57	9.428	682	686	687	rBV2	632643	1048343	30.34%	1.099%
58	9.462	687	689	691	rVB	1694435	1705119	49.35%	1.788%
59	9.508	691	693	699	rBV	626748	1085825	31.42%	1.139%
60	9.633	699	704	709	rBV2	1916078	2751869	79.64%	2.886%
61	9.713	709	711	713	rBV	594328	733910	21.24%	0.770%
62	9.759	713	715	717	rVV	778175	721060	20.87%	0.756%
63	9.828	719	721	723	rVB2	90147	121480	3.52%	0.127%
64	9.873	723	725	728	rVB	1036015	1064499	30.81%	1.116%
65	9.965	731	733	735	rBV2	1683070	2233798	64.65%	2.343%
66	10.045	735	740	742	rBV3	489095	834340	24.15%	0.875%
67	10.102	742	745	746	rVV	1200729	1415676	40.97%	1.485%
68	10.125	746	747	750	rVV	787832	993071	28.74%	1.042%
69	10.216	752	755	757	rBV2	1769158	2085478	60.35%	2.187%
70	10.331	764	765	767	rBV	112849	102834	2.98%	0.108%
71	10.456	773	776	778	rBV	1039667	1045111	30.25%	1.096%

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72	10.514	778	781	782	rVV	738241	895735	25.92%	0.939%
73	10.559	782	785	790	rVB7	52713	136193	3.94%	0.143%
74	10.685	794	796	797	rVV	310385	344505	9.97%	0.361%
75	10.719	797	799	801	rVB	1022799	1023993	29.63%	1.074%
76	10.834	807	809	812	rBV	203360	364697	10.55%	0.382%
77	10.891	812	814	815	rVV	665562	779922	22.57%	0.818%
78	10.914	815	816	819	rVV	1039667	1258632	36.43%	1.320%
79	10.971	819	821	823	rVV	1494443	1418538	41.05%	1.488%
80	11.005	823	824	827	rVB	153429	168756	4.88%	0.177%
81	11.142	834	836	838	rBV	1175453	1205317	34.88%	1.264%
82	11.256	844	846	848	rBV	114442	146030	4.23%	0.153%
83	11.485	864	866	869	rVB	1132785	1520001	43.99%	1.594%
84	12.091	917	919	922	rVB	1152221	1119496	32.40%	1.174%
85	12.251	931	933	936	rVB	246842	255936	7.41%	0.268%
86	12.319	936	939	941	rVB	970396	1241606	35.93%	1.302%
87	12.479	950	953	955	rBV	2077909	2130084	61.65%	2.234%
88	12.960	993	995	998	rVV	751724	977902	28.30%	1.026%
89	13.051	1000	1003	1005	rVB	1145358	1425639	41.26%	1.495%
90	13.394	1031	1033	1039	rVB	107940	123474	3.57%	0.129%
91	13.497	1039	1042	1043	rBV	1027243	1412179	40.87%	1.481%
92	13.531	1043	1045	1047	rVB	2425631	2288944	66.24%	2.401%
93	14.000	1084	1086	1094	rVB	75997	134812	3.90%	0.141%
94	14.137	1095	1098	1100	rVV	1197938	1194796	34.58%	1.253%
95	14.480	1125	1128	1129	rBV	556752	759967	21.99%	0.797%
96	14.514	1129	1131	1133	rVB2	525435	713399	20.65%	0.748%
97	14.765	1150	1153	1155	rBV	679336	710963	20.58%	0.746%
98	14.811	1155	1157	1160	rVB	340281	350567	10.15%	0.368%
99	15.920	1249	1254	1257	rBV2	585894	1243607	35.99%	1.304%
100	16.228	1277	1281	1284	rBV	331382	622786	18.02%	0.653%

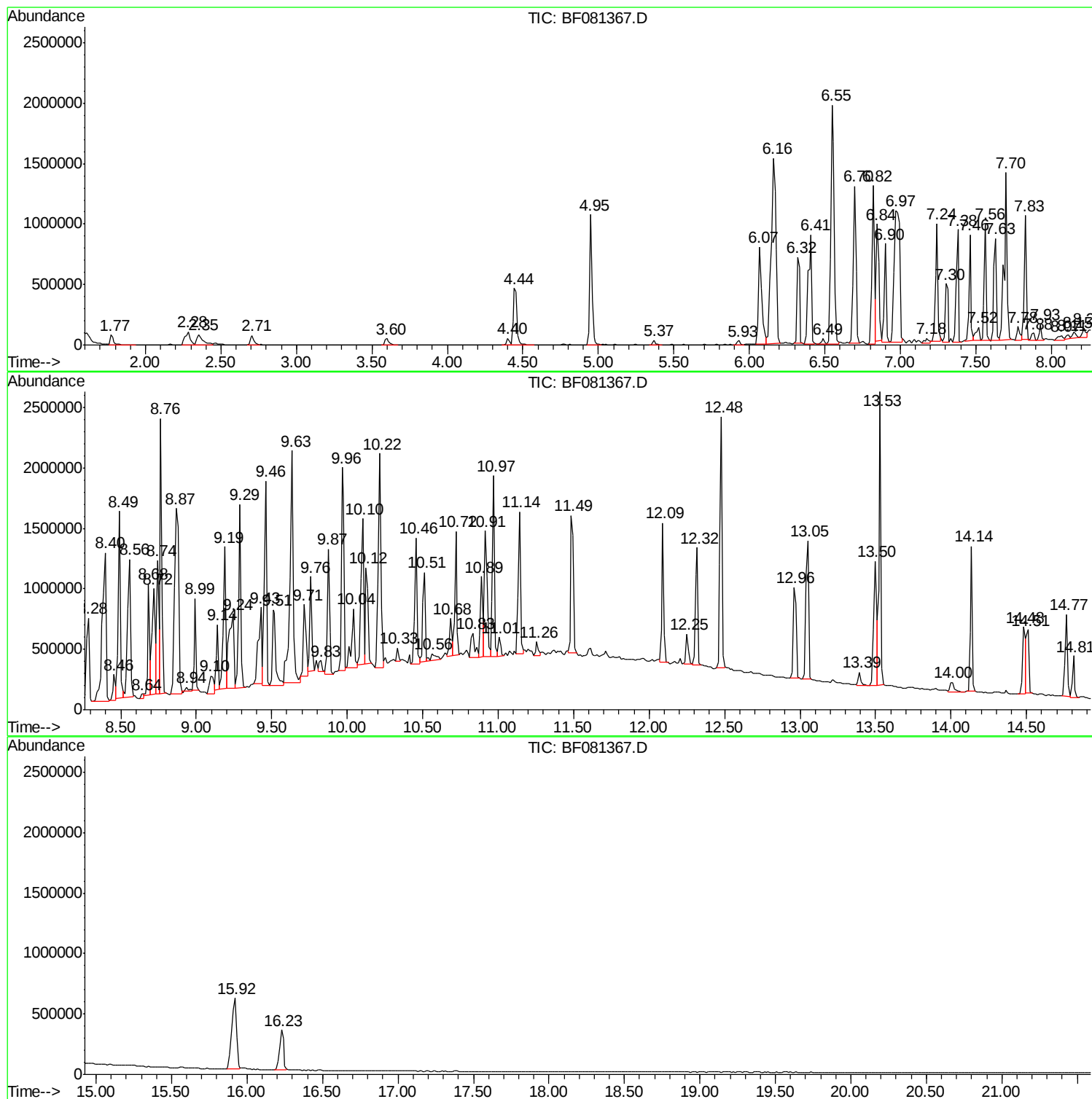
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TIC Library : C:\DATABASE\NIST02.L
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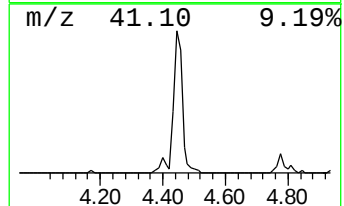
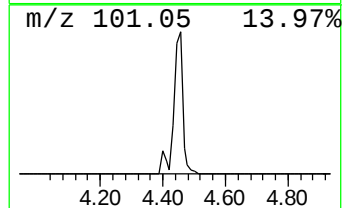
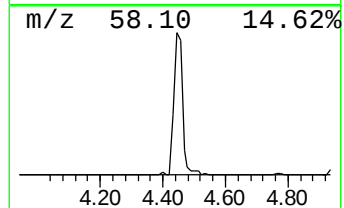
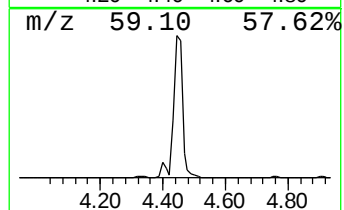
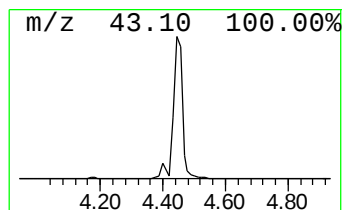
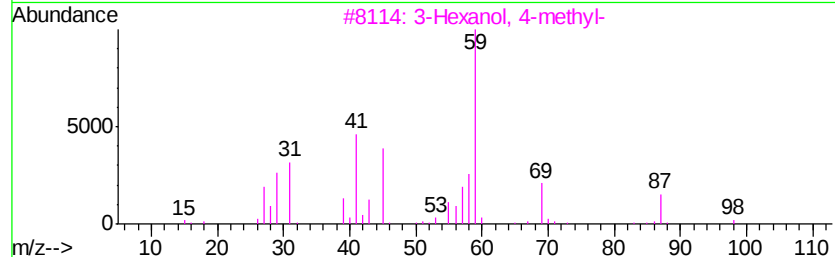
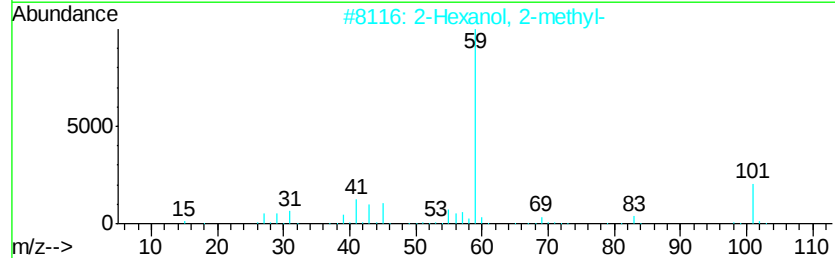
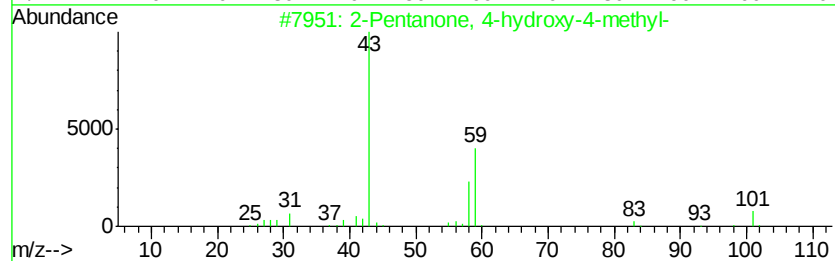
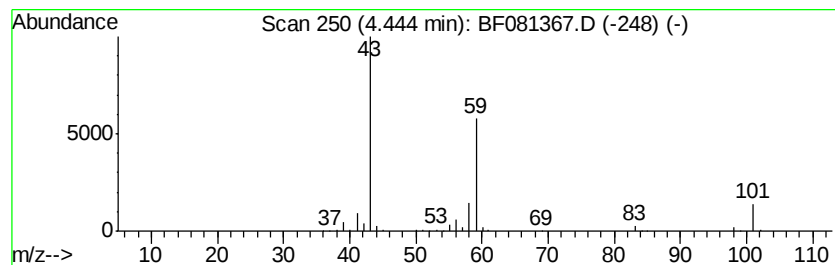
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.44	11.09 ng	849141	1,4-Dichlorobenzene-d4	6.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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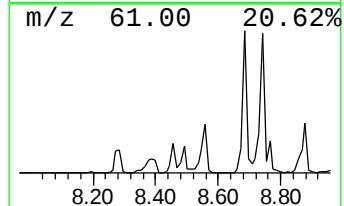
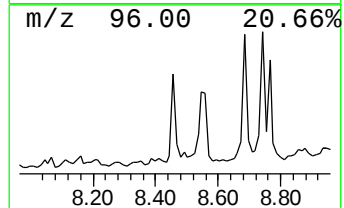
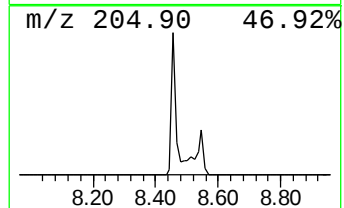
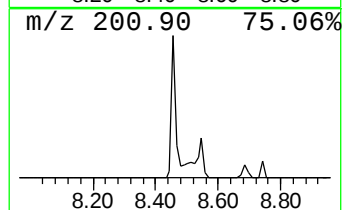
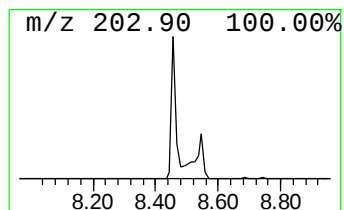
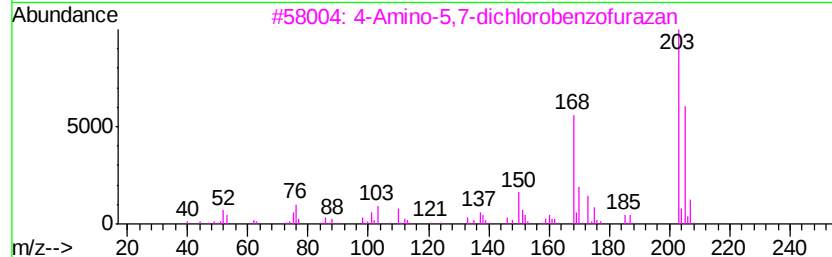
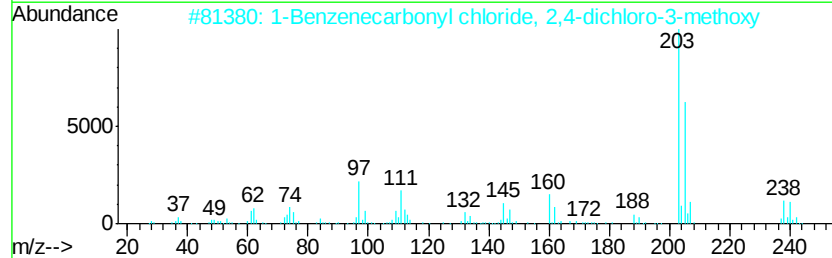
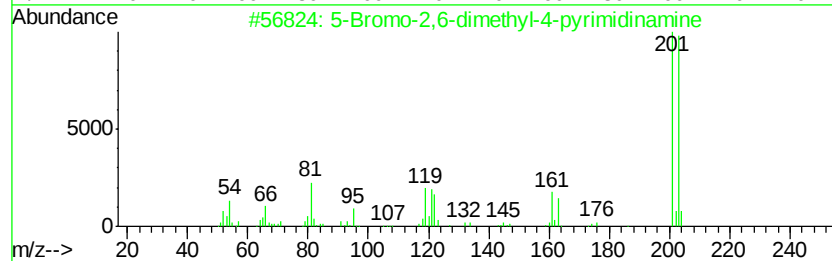
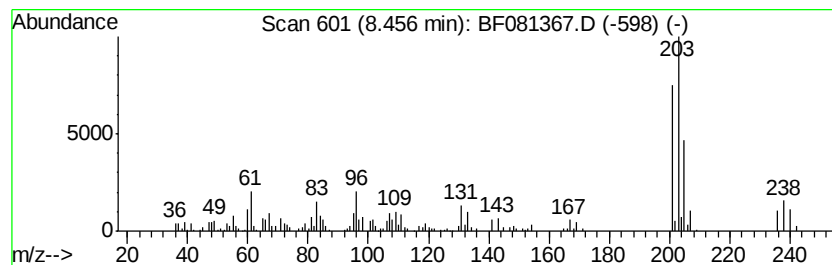
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown8.46 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	2.92 ng	289985	Napthalene-d8	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Bromo-2,6-dimethyl-4-pyrimidin...	201	C6H8BrN3	007752-80-9	43
2		1-Benzenecarbonyl chloride, 2,4-...	238	C8H5Cl3O2	1000196-85-1	38
3		4-Amino-5,7-dichlorobenzofurazan	203	C6H3Cl2N3O	330982-41-7	35
4		3,5-Dichlorophenyl isothiocyanate	203	C7H3Cl2NS	006590-93-8	25
5		Pyrazole-5-carbohydrazide, 4-bro...	232	C6H9BrN4O	1000273-85-6	25



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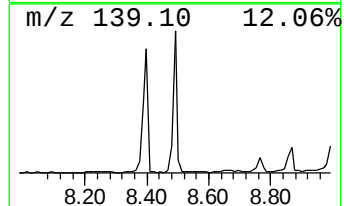
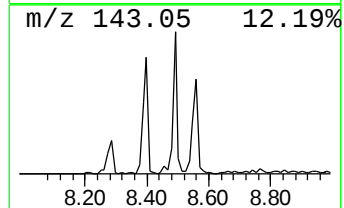
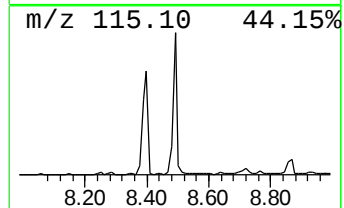
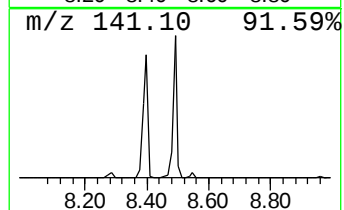
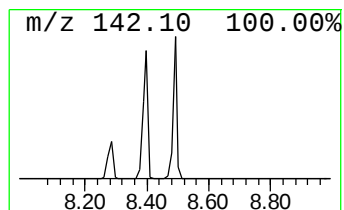
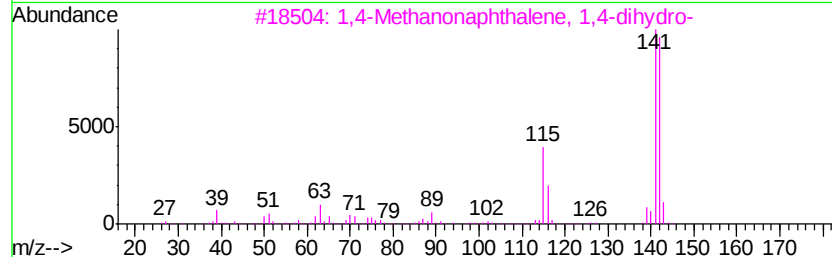
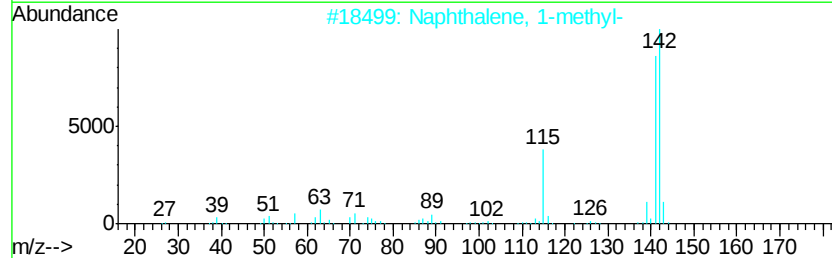
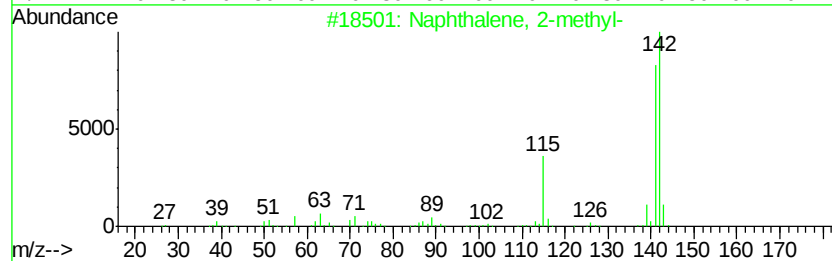
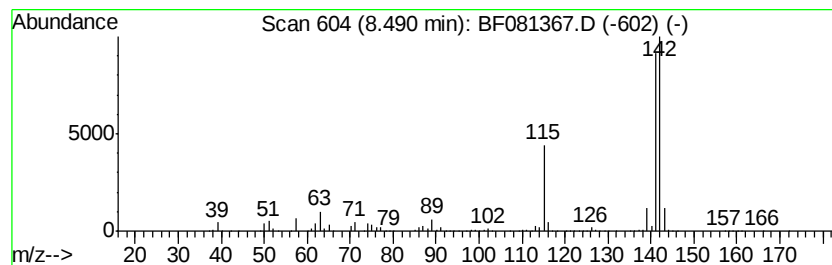
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	14.32 ng	1420440	Naphthalene-d8	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	94
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081367.D
Acq On : 3 Sep 2015 00:52
Operator : UM/IZ
Sample : G3474-05MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

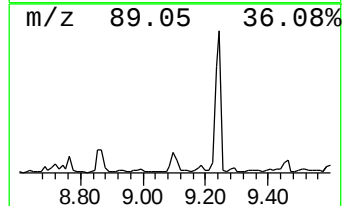
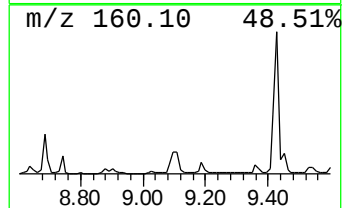
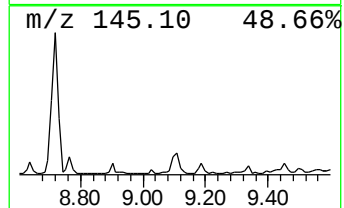
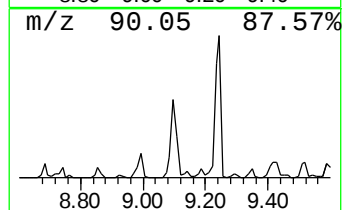
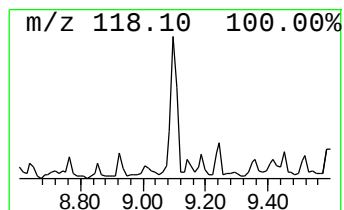
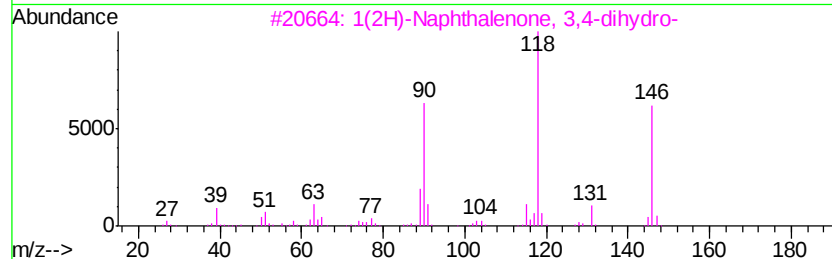
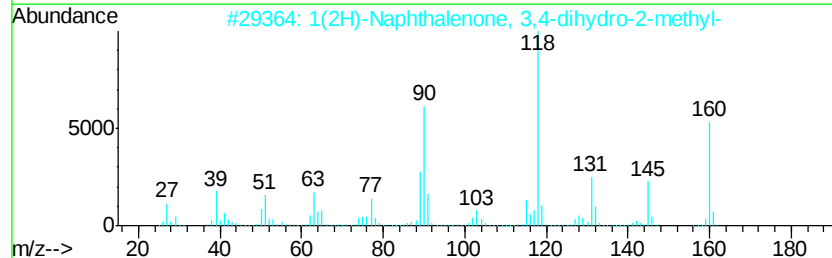
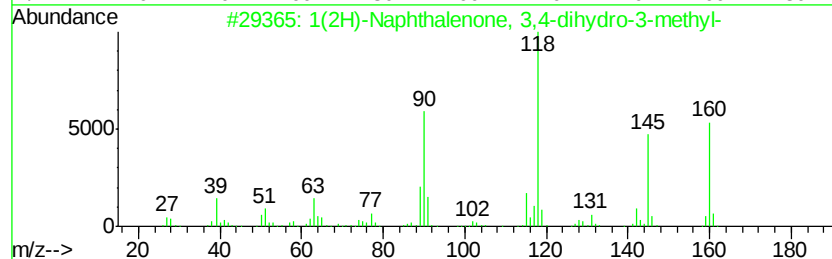
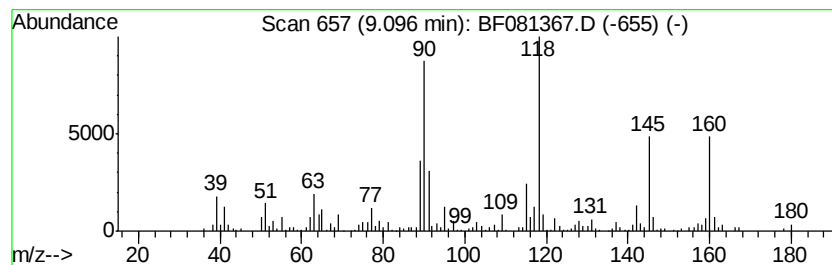
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	5.84 ng	306090	Acenaphthene-d10	9.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	97
2			1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	83
3			1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	81
4			Homophthalimide	161	C9H7NO2	004456-77-3	59
5			1H-2-Benzothiopyran-4(3H)-one	164	C9H8OS	004426-76-0	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081367.D
Acq On : 3 Sep 2015 00:52
Operator : UM/IZ
Sample : G3474-05MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

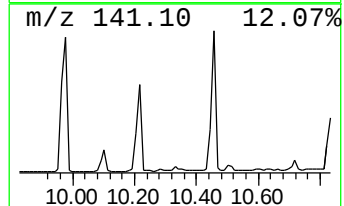
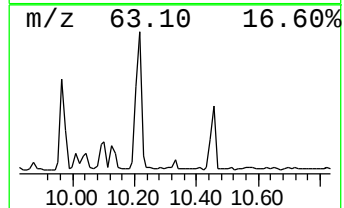
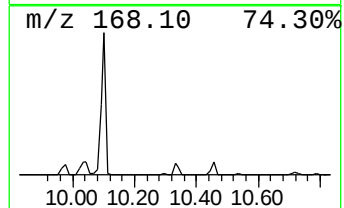
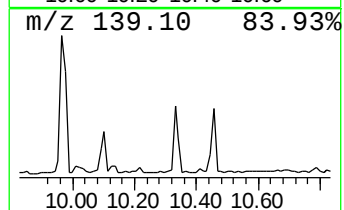
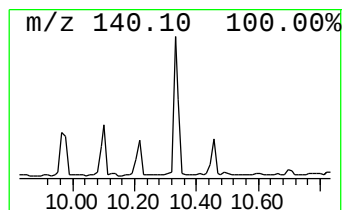
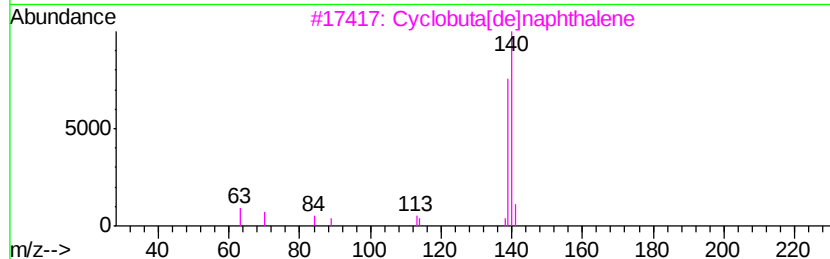
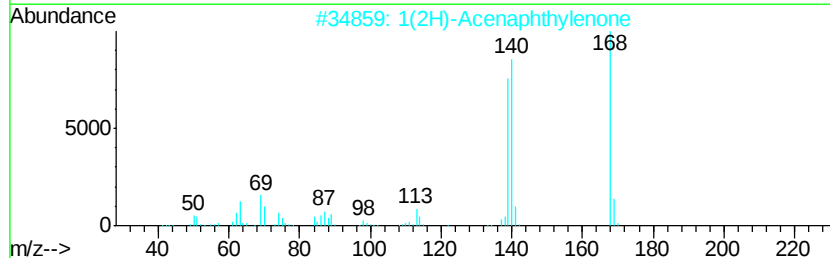
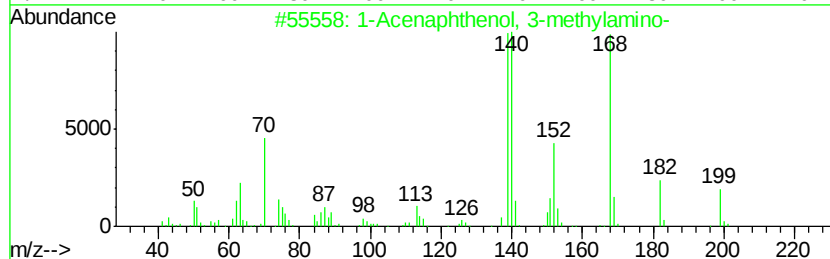
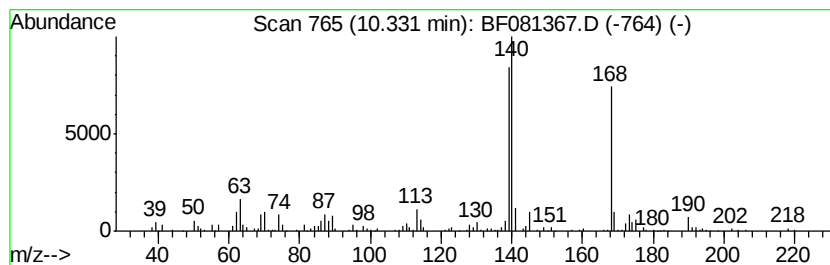
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Acenaphthenol, 3-methylam... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.64 ng	102834	Phenanthrene-d10	10.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	90
2		1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	81
3		Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	49
4		1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	47
5		Benzenaldehyde, 2-fluoro-5-hydroxy-	140	C7H5FO2	103438-84-2	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081367.D
Acq On : 3 Sep 2015 00:52
Operator : UM/IZ
Sample : G3474-05MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

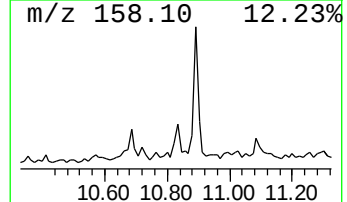
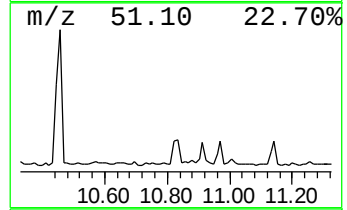
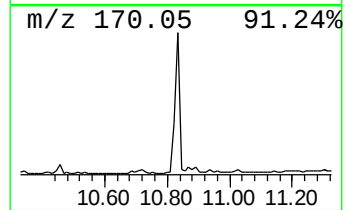
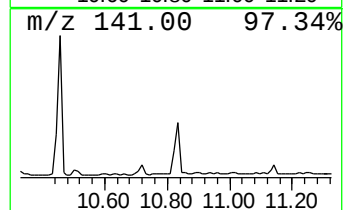
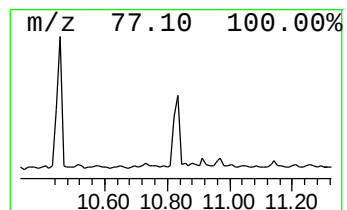
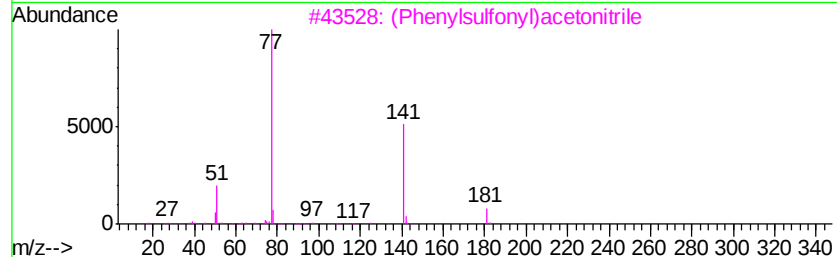
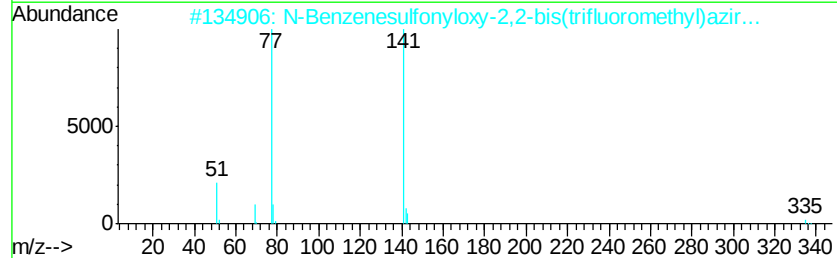
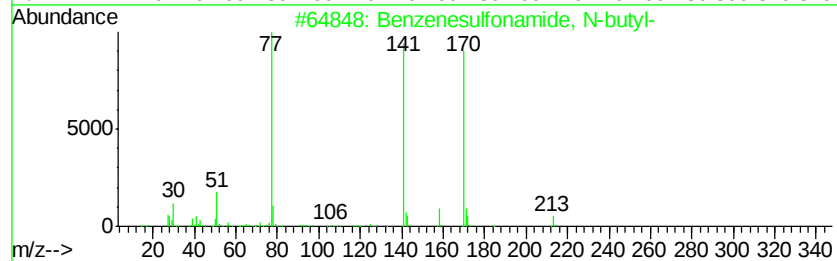
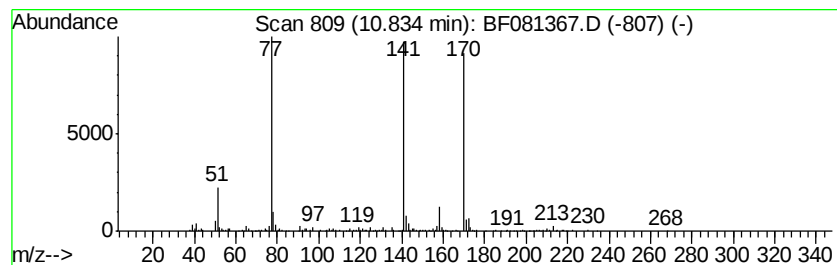
Instrument :
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ClientSampleId :
MW-04MSD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzenesulfonamide, N-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.83	9.35 ng	364697	Phenanthrene-d10		10.89
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15N02S	003622-84-2	83
2	N-Benzenesulfonyloxy-2,2-bis(tri...	335	C10H7F6N03S	055734-41-3	50
3	(Phenylsulfonyl)acetonitrile	181	C8H7N02S	007605-28-9	47
4	Benzenesulfonyl isocyanate	183	C7H5N03S	002845-62-7	43
5	Bensulide	397	C14H24N04PS3	000741-58-2	39



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081367.D
Acq On : 3 Sep 2015 00:52
Operator : UM/IZ
Sample : G3474-05MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

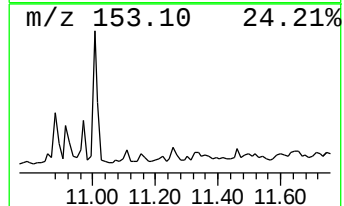
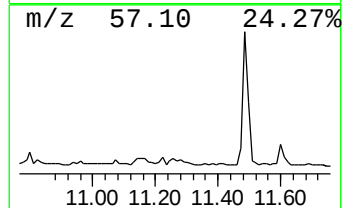
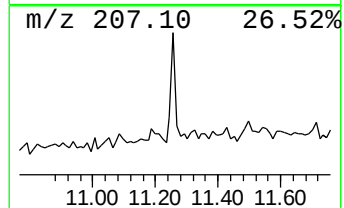
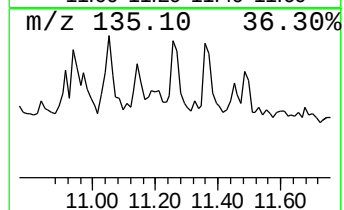
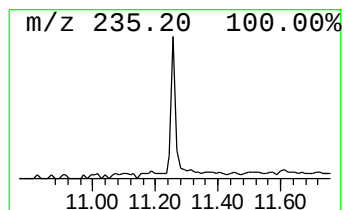
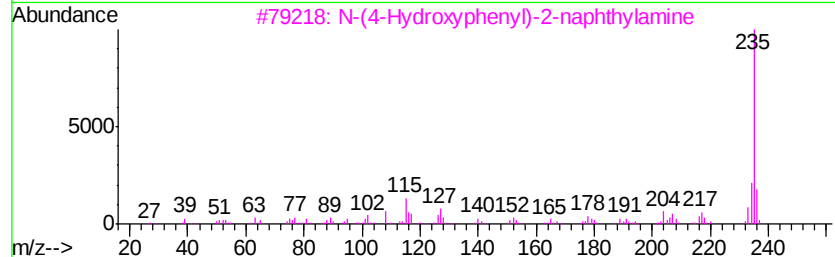
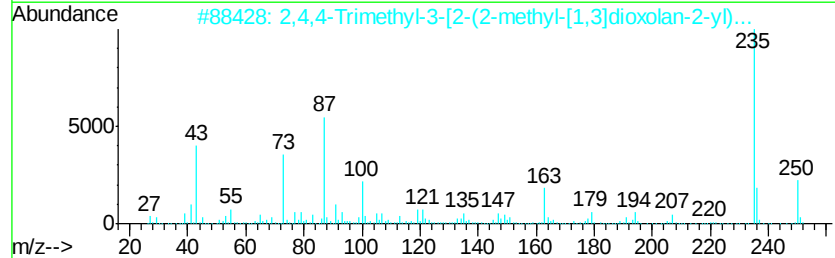
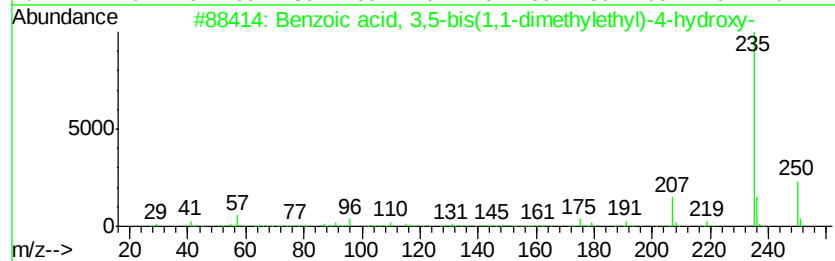
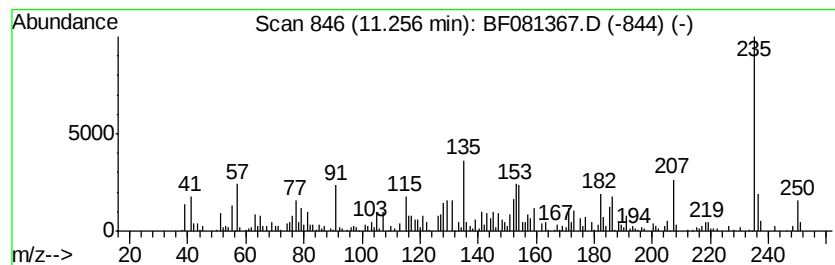
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzoic acid, 3,5-bis(1,1-d... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.26	3.74 ng	146030	Phenanthrene-d10	10.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	60
2	2,4,4-Trimethyl-3-[2-(2-methyl-[...	250	C15H22O3	069659-83-2	55
3	N-(4-Hydroxyphenyl)-2-naphthylamine	235	C16H13NO	000093-45-8	38
4	Methaqualone	250	C16H14N2O	000072-44-6	35
5	[1]Benzothieno[2,3-b]quinoline	235	C15H9NS	000243-47-0	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081367.D
Acq On : 3 Sep 2015 00:52
Operator : UM/IZ
Sample : G3474-05MSD
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ALS Vial : 29 Sample Multiplier: 1

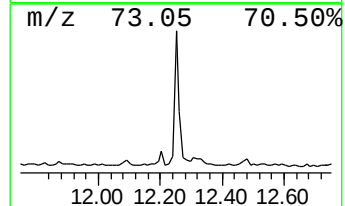
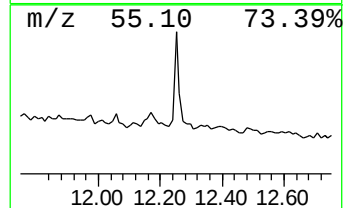
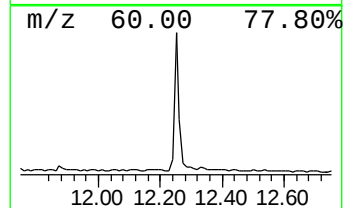
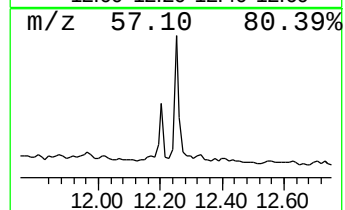
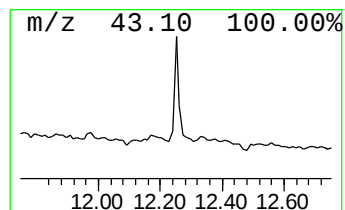
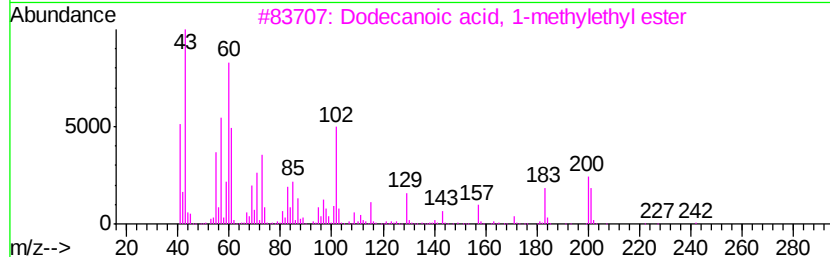
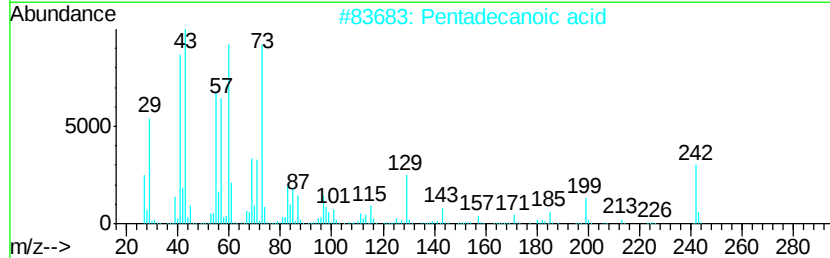
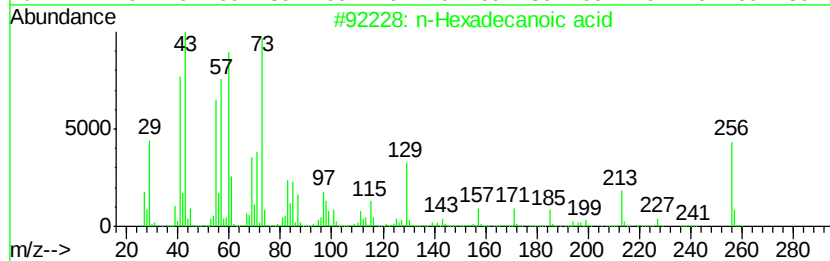
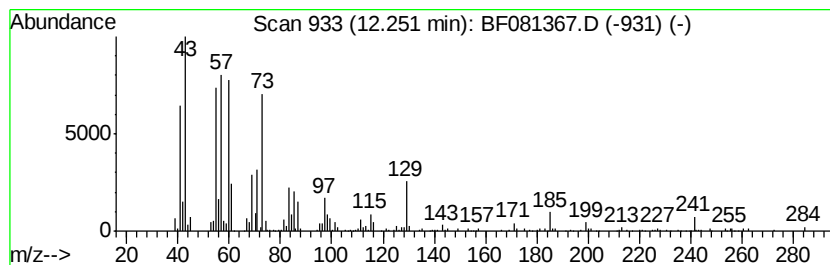
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.25	3.62 ng	255936	Chrysene-d12	13.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081367.D
Acq On : 3 Sep 2015 00:52
Operator : UM/IZ
Sample : G3474-05MSD
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ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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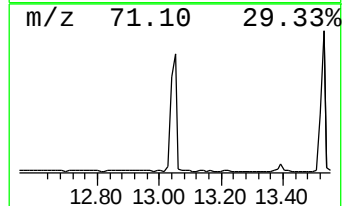
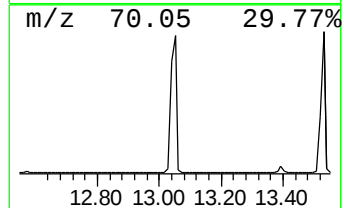
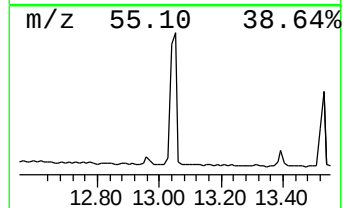
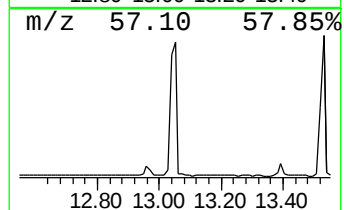
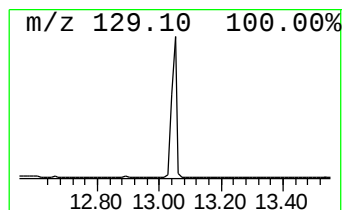
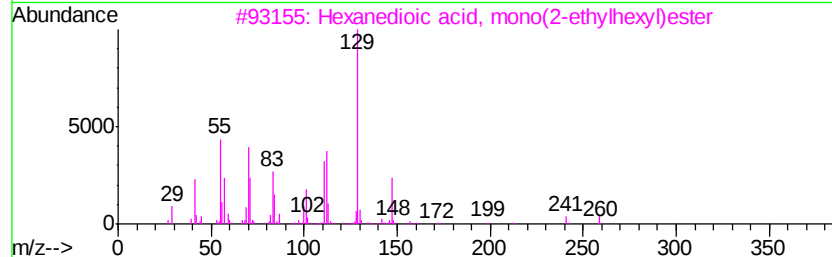
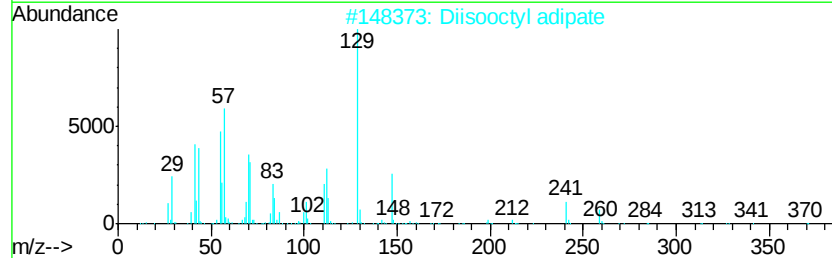
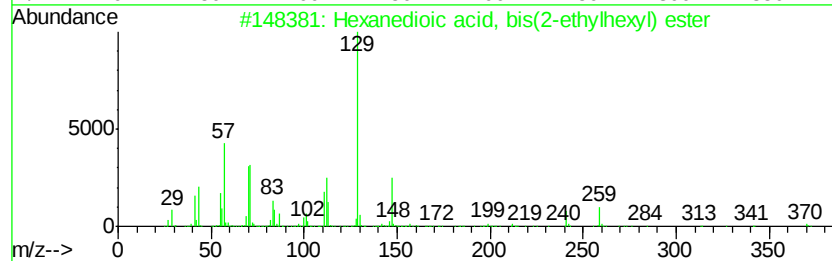
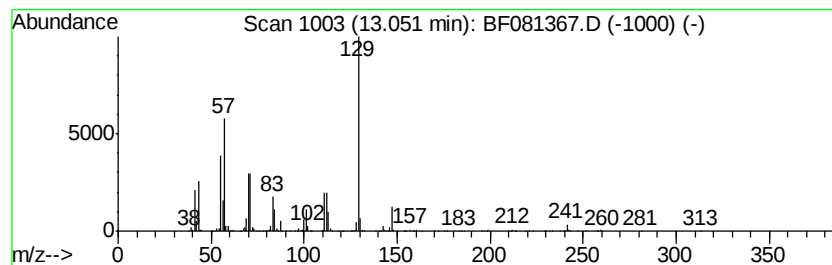
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	20.19 ng	1425640	Chrysene-d12	13.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	83
2		Diisooctyl adipate	370	C22H42O4	001330-86-5	72
3		Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	58
4		Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	50
5		Hexanedioic acid, bis(1,3-dimeth...	314	C18H34O4	055125-22-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
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Acq On : 3 Sep 2015 00:52
Operator : UM/IZ
Sample : G3474-05MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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...	4.44	11.1 ng		849141	1	6.39	1531440	20.0
unknown8.46	8.46	2.9 ng		289985	2	7.68	1983840	20.0
Naphthalene, 2-me...	8.49	14.3 ng		1420440	2	7.68	1983840	20.0
1(2H)-Naphthaleno...	9.10	5.8 ng		306090	3	9.43	1048340	20.0
1-Acenaphthenol, ...	10.33	2.6 ng		102834	4	10.89	779922	20.0
Benzenesulfonamid...	10.83	9.3 ng		364697	4	10.89	779922	20.0
Benzoic acid, 3,5...	11.26	3.7 ng		146030	4	10.89	779922	20.0
n-Hexadecanoic acid	12.25	3.6 ng		255936	5	13.51	1412180	20.0
Hexanedioic acid, ...	13.05	20.2 ng		1425640	5	13.51	1412180	20.0