

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
 Data File : BF088161.D
 Acq On : 19 Jun 2016 4:45
 Operator : UM/SJ
 Sample : H3628-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-14

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-BF060716.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	1.781	15	17	26	rVB	96247	130019	5.84%	0.740%
2	4.833	282	284	293	rBB	38602	58363	2.62%	0.332%
3	5.278	321	323	326	rBV	1028591	954754	42.86%	5.435%
4	6.330	413	415	418	rBV	468708	658568	29.56%	3.749%
5	6.456	423	426	428	rBV	1829188	1673285	75.12%	9.525%
6	6.684	444	446	448	rBV	642912	538238	24.16%	3.064%
7	6.741	450	451	453	rVB	50240	37096	1.67%	0.211%
8	6.844	457	460	462	rBV	1684192	1842051	82.69%	10.485%
9	6.936	467	468	473	rVV3	20089	26165	1.17%	0.149%
10	7.027	473	476	479	rVB2	20622	27657	1.24%	0.157%
11	7.221	491	493	494	rBV	28402	34878	1.57%	0.199%
12	7.256	494	496	498	rVB	1395889	1354726	60.82%	7.711%
13	7.370	505	506	508	rVB	25178	28087	1.26%	0.160%
14	7.462	511	514	515	rBV	58664	53593	2.41%	0.305%
15	7.484	515	516	518	rVB	32187	34625	1.55%	0.197%
16	7.633	525	529	534	rVB3	26004	80385	3.61%	0.458%
17	7.713	534	536	538	rBV	139701	167505	7.52%	0.953%
18	7.816	540	545	546	rVB4	32960	65944	2.96%	0.375%
19	7.919	549	554	556	rBV2	24311	49926	2.24%	0.284%
20	7.976	556	559	561	rVV	484542	745947	33.49%	4.246%
21	8.067	565	567	569	rBV	27470	26562	1.19%	0.151%
22	8.102	569	570	573	rBV	9468	23562	1.06%	0.134%
23	8.170	573	576	578	rVB3	40169	43899	1.97%	0.250%
24	8.216	578	580	581	rBV	80157	65597	2.94%	0.373%
25	8.250	581	583	586	rVB3	42548	50223	2.25%	0.286%
26	8.353	591	592	595	rVB	28676	33741	1.51%	0.192%
27	8.444	595	600	601	rBV	64448	100674	4.52%	0.573%
28	8.536	605	608	609	rVV	51402	65528	2.94%	0.373%
29	8.604	612	614	615	rVV2	20922	38562	1.73%	0.220%
30	8.627	615	616	618	rVB	52850	50883	2.28%	0.290%
31	8.799	629	631	632	rBV	49060	62587	2.81%	0.356%
32	8.833	632	634	635	rVB	31027	41074	1.84%	0.234%
33	8.913	639	641	644	rBV2	20856	32810	1.47%	0.187%
34	9.050	650	653	655	rVB	2411375	2227587	100.00%	12.680%

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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 >
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35	9.199	663	666	667	rVB	45084	57812	2.60%	0.329%
36	9.325	673	677	679	rBV3	13620	35438	1.59%	0.202%
37	9.370	679	681	682	rVV2	26622	41349	1.86%	0.235%
38	9.450	685	688	689	rVV	49421	63905	2.87%	0.364%
39	9.496	691	692	695	rVB2	20843	30892	1.39%	0.176%
40	9.576	698	699	703	rBV4	11627	23661	1.06%	0.135%
41	9.725	709	712	714	rBV	560655	636634	28.58%	3.624%
42	9.930	728	730	733	rVB2	25190	37901	1.70%	0.216%
43	10.045	733	740	744	rBV6	26014	79400	3.56%	0.452%
44	10.159	747	750	752	rVV2	31699	38736	1.74%	0.220%
45	10.216	754	755	758	rBV3	23242	30206	1.36%	0.172%
46	10.330	763	765	766	rBV	95583	80213	3.60%	0.457%
47	10.513	778	781	783	rBV	927522	1081886	48.57%	6.158%
48	10.628	790	791	796	rBV4	20073	39326	1.77%	0.224%
49	10.845	807	810	812	rBV2	38519	66141	2.97%	0.376%
50	10.948	817	819	822	rVB	20833	35439	1.59%	0.202%
51	11.199	839	841	843	rVB	665131	558885	25.09%	3.181%
52	11.313	849	851	855	rVB6	16094	29473	1.32%	0.168%
53	11.428	860	861	866	rVB	20411	35845	1.61%	0.204%
54	11.771	887	891	892	rVB4	20783	43547	1.95%	0.248%
55	11.953	904	907	909	rBV	19054	36808	1.65%	0.210%
56	12.285	934	936	941	rVB5	12763	23589	1.06%	0.134%
57	12.616	963	965	966	rBV	35574	33109	1.49%	0.188%
58	12.788	977	980	982	rBV	1785157	2044640	91.79%	11.639%
59	13.702	1057	1060	1067	rVB2	18257	31626	1.42%	0.180%
60	13.828	1069	1071	1074	rBV	582915	524156	23.53%	2.984%
61	15.211	1189	1192	1197	rVB	341423	402060	18.05%	2.289%

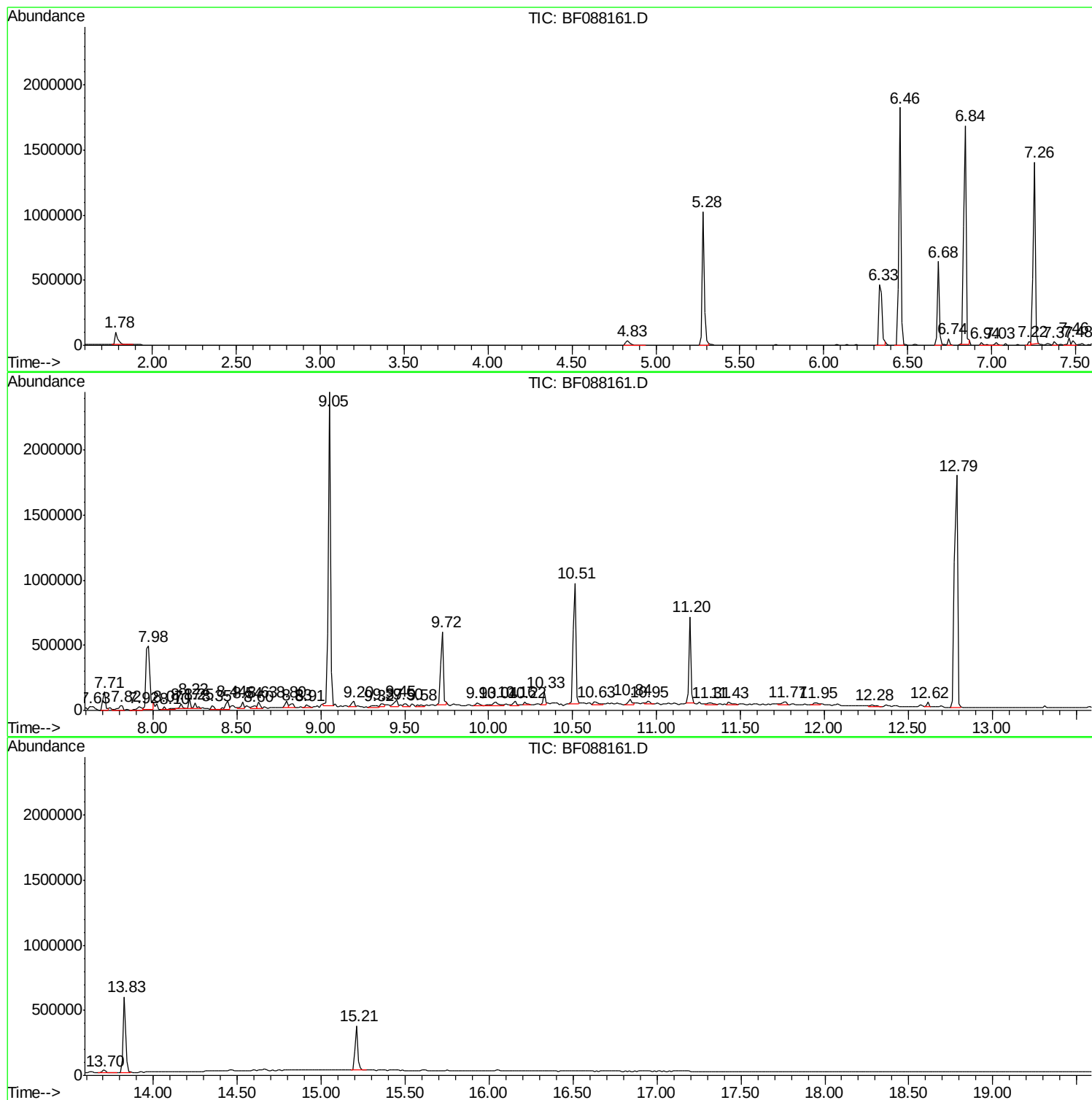
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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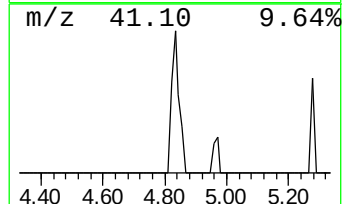
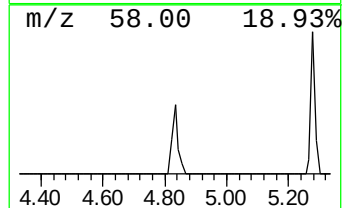
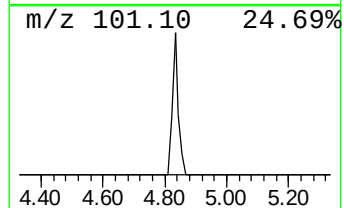
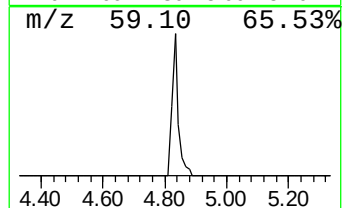
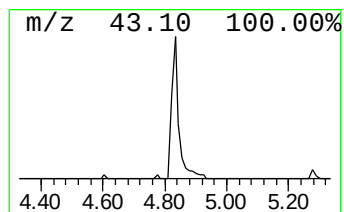
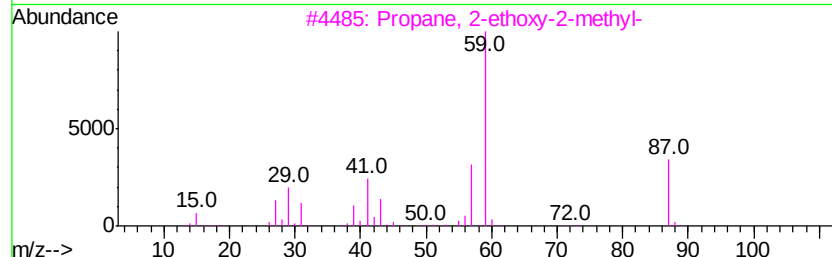
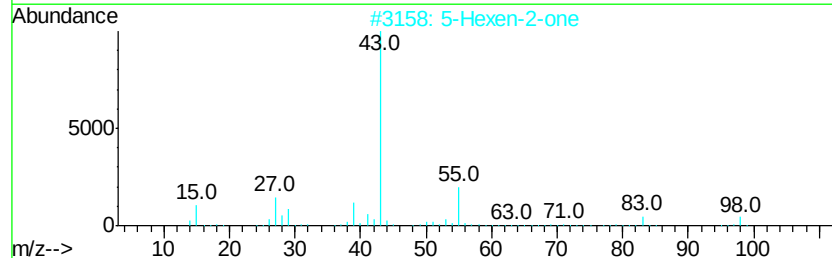
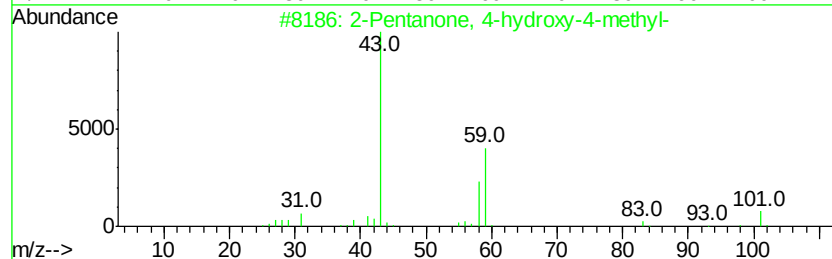
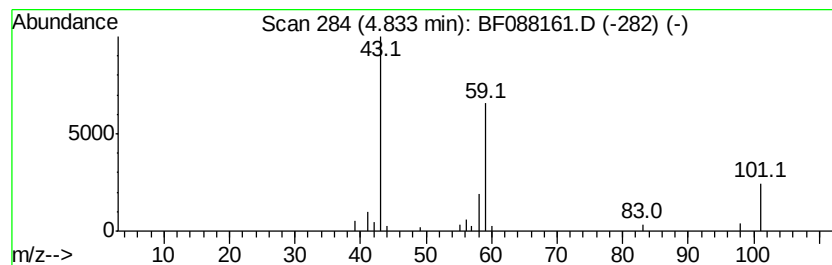
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	2.17 ng	58363	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		5-Hexen-2-one	98	C6H10O	000109-49-9	9
3		Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	9
4		2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9
5		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	9



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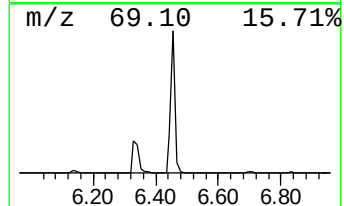
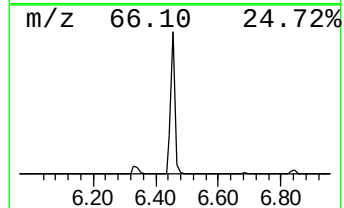
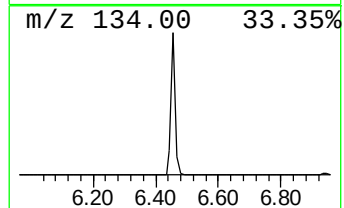
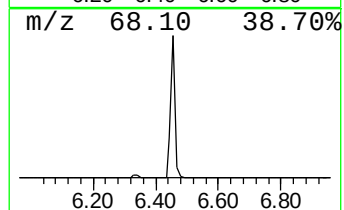
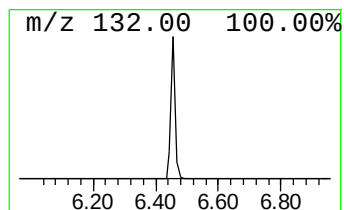
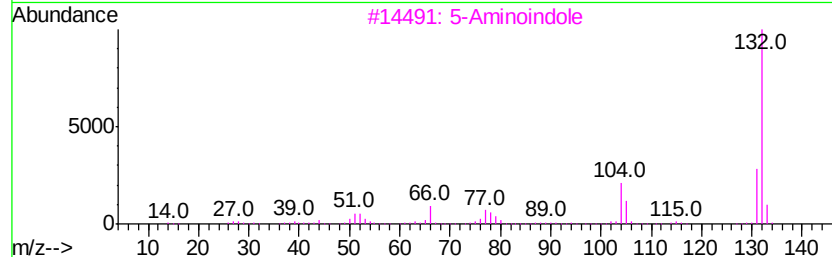
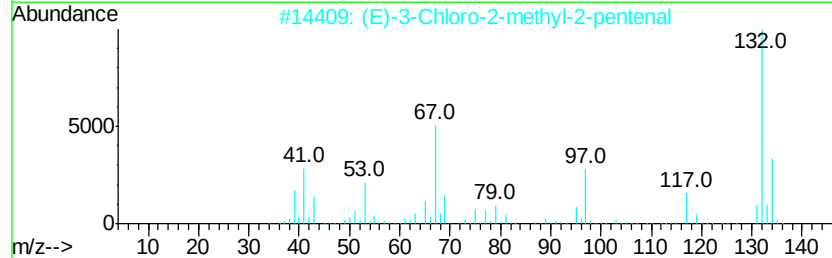
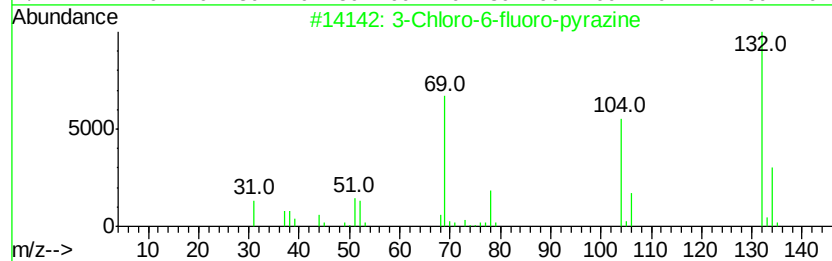
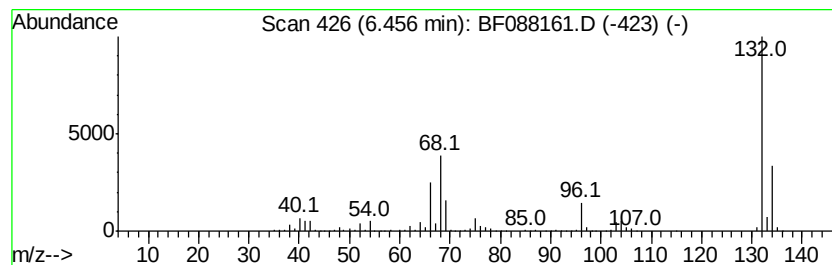
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.46 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	62.18 ng	1673290	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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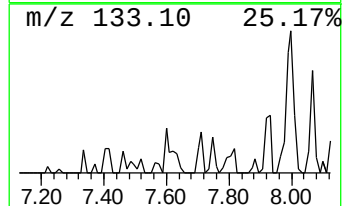
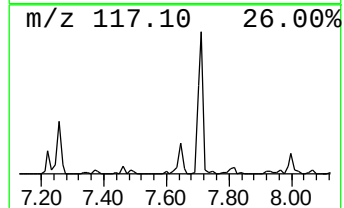
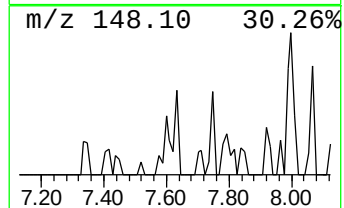
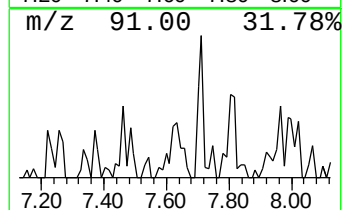
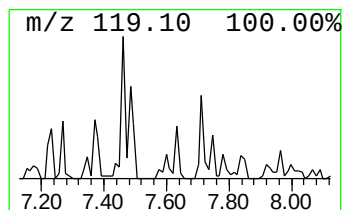
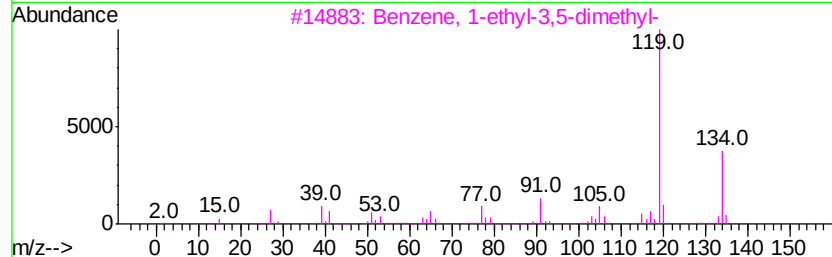
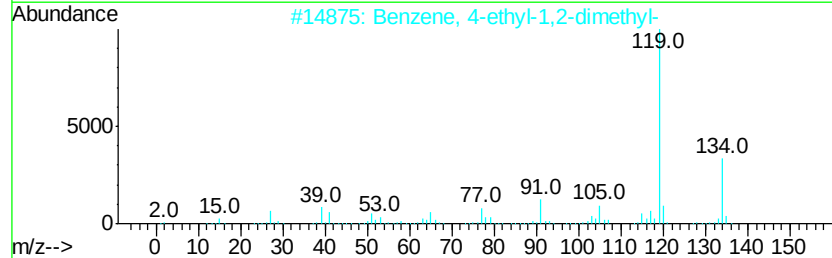
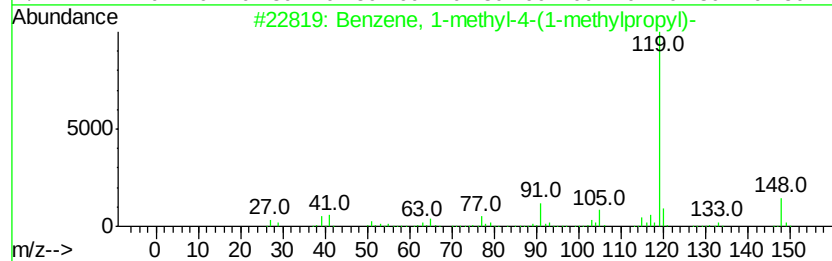
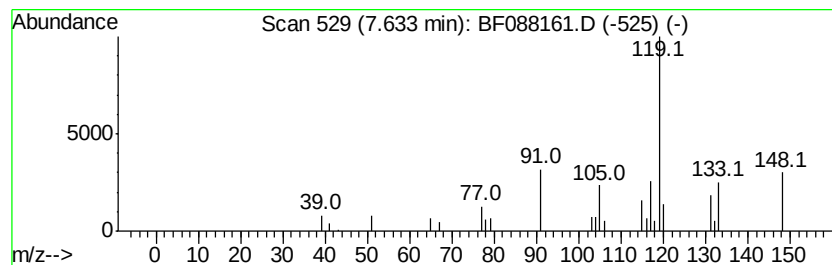
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-methyl-4-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	2.16 ng	80385	Napthalene-d8	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	50
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	50
4		1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	50
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	47



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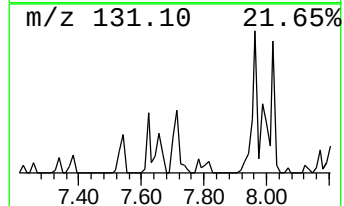
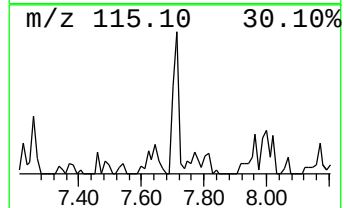
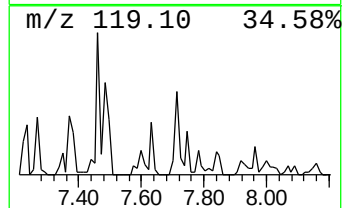
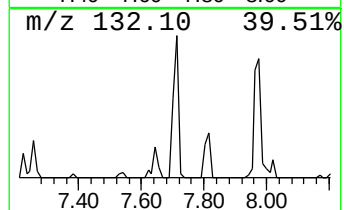
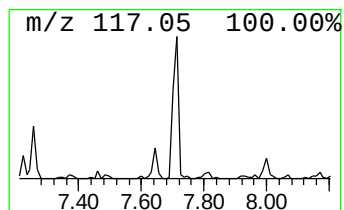
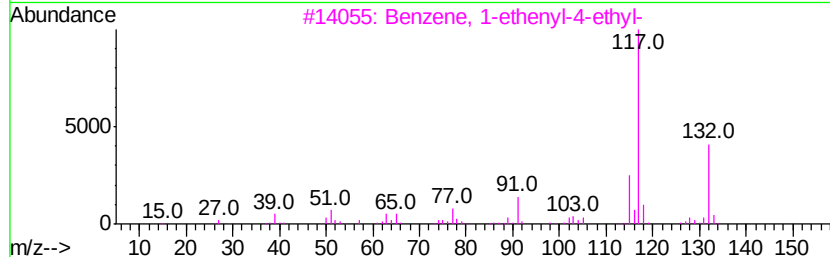
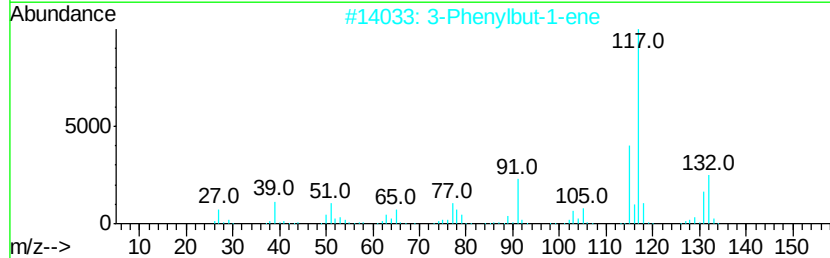
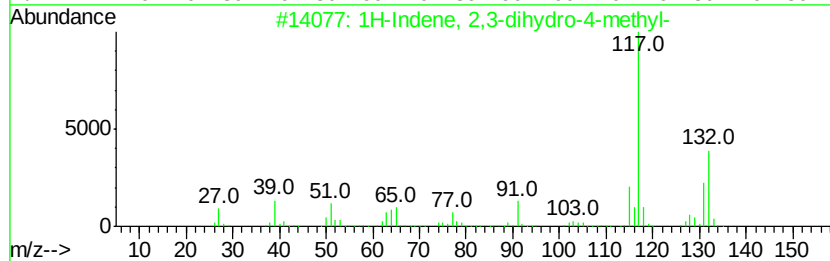
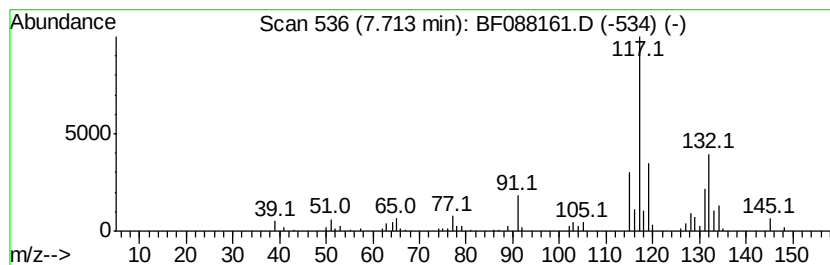
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	4.49 ng	167505	Napthalene-d8	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	74
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	68



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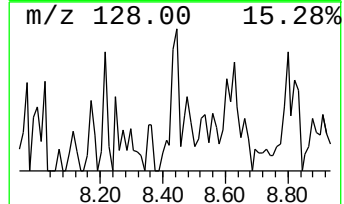
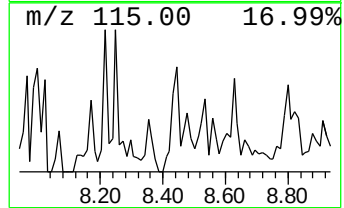
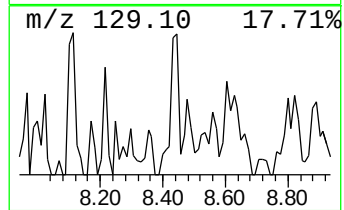
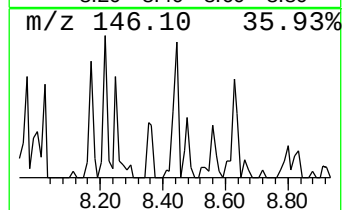
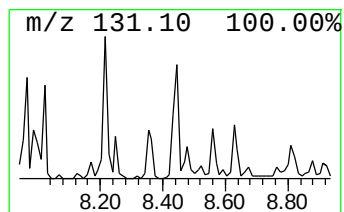
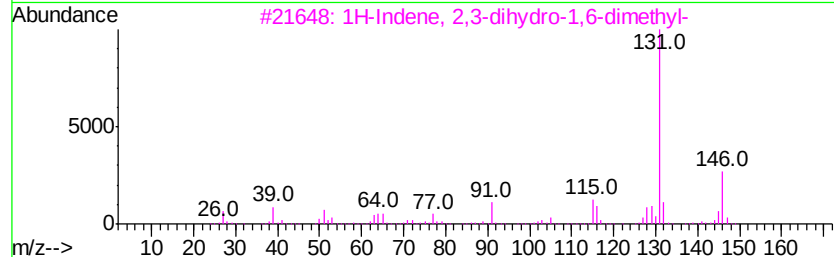
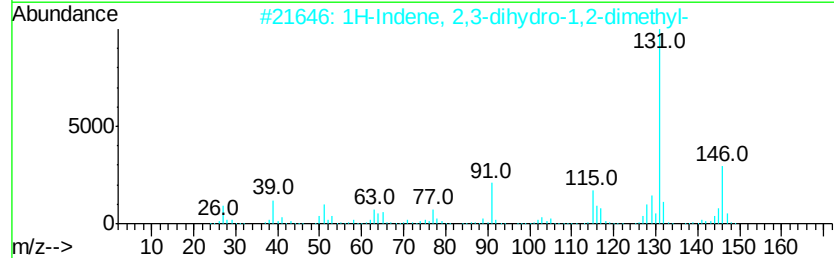
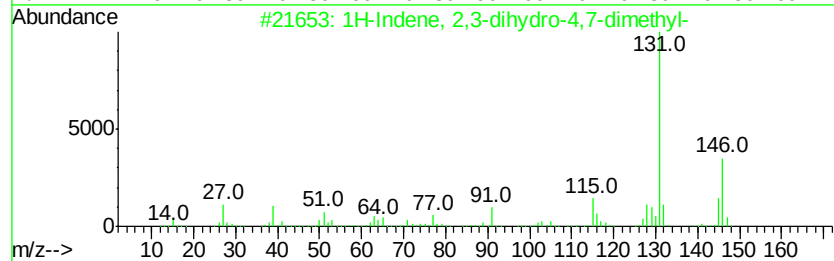
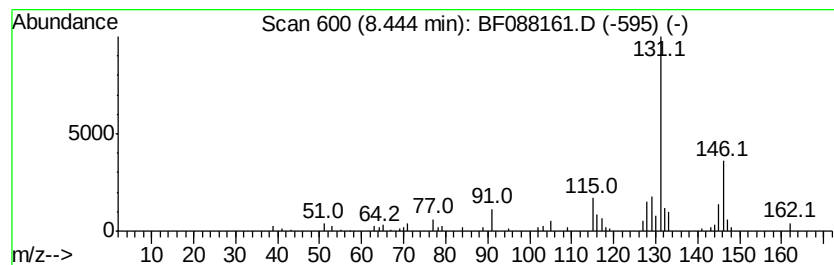
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	2.70 ng	100674	Napthalene-d8	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088161.D
Acq On : 19 Jun 2016 4:45
Operator : UM/SJ
Sample : H3628-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

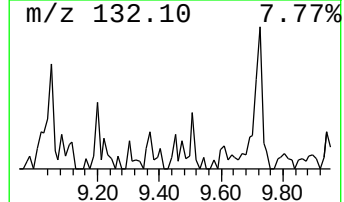
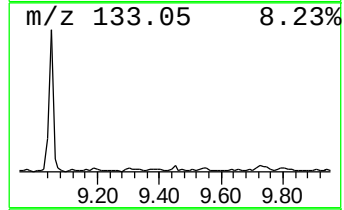
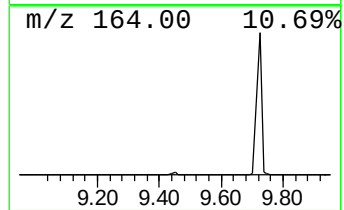
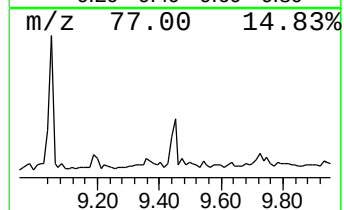
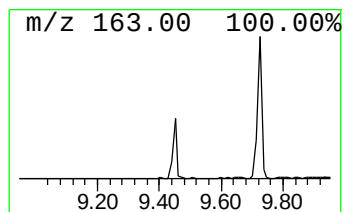
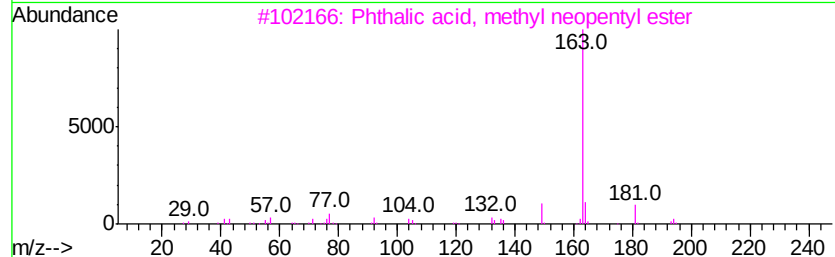
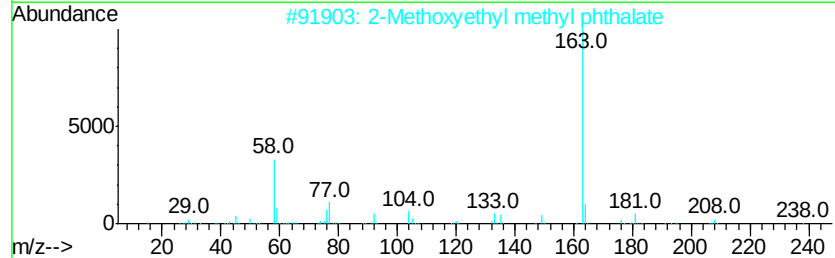
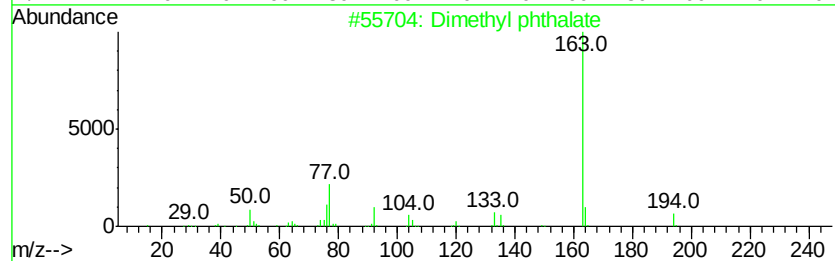
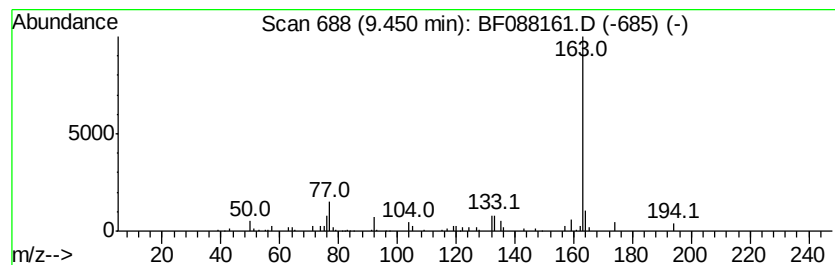
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dimethyl phthalate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.45	2.01 ng	63905	Acenaphthene-d10	9.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	90
2	2-Methoxyethyl methyl phthalate	238	C12H14O5	1000373-89-4	72
3	Phthalic acid, methyl neopentyl ...	250	C14H18O4	1000315-53-9	72
4	2-Ethylbutyl methyl phthalate	264	C15H20O4	1000373-89-6	72
5	Methyl 2-ethylhexyl phthalate	292	C17H24O4	056166-83-7	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088161.D
Acq On : 19 Jun 2016 4:45
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Sample : H3628-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-14

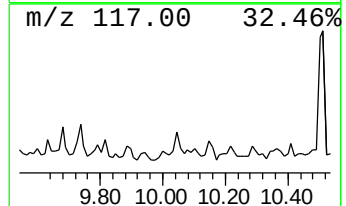
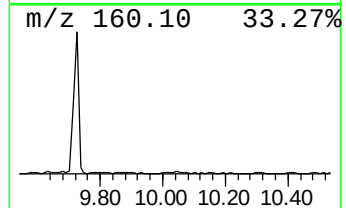
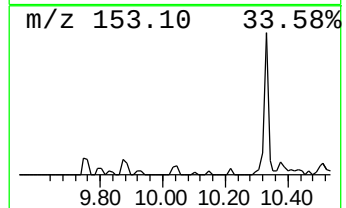
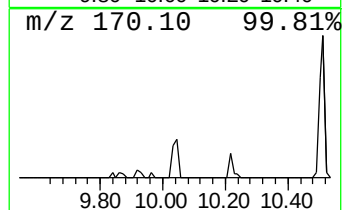
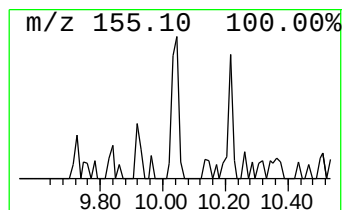
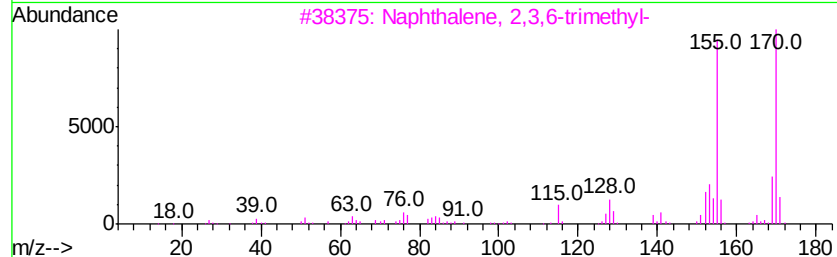
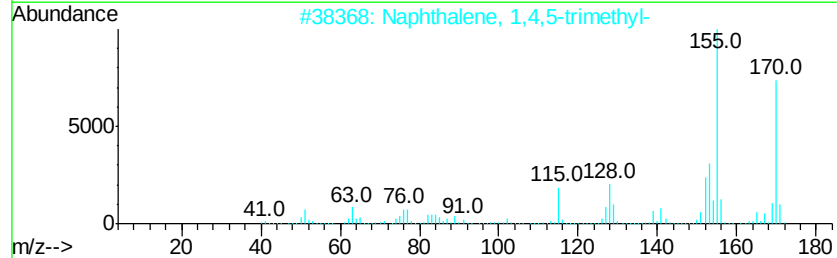
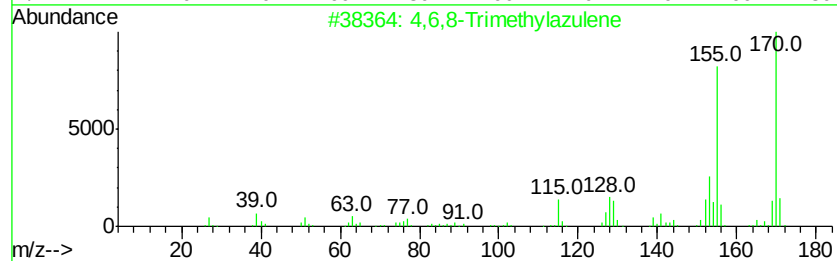
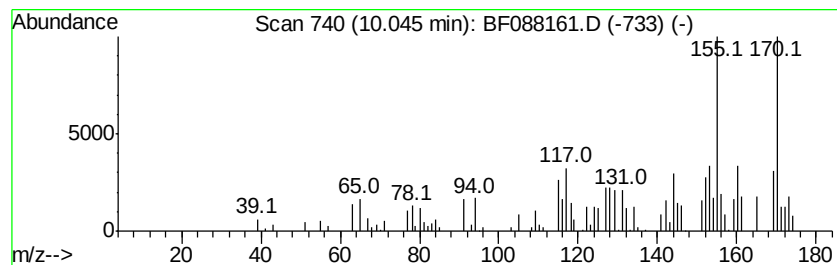
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4,6,8-Trimethylazulene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	2.49 ng	79400	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	62
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	58
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
Data File : BF088161.D
Acq On : 19 Jun 2016 4:45
Operator : UM/SJ
Sample : H3628-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

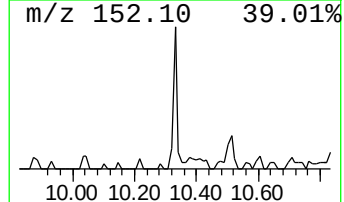
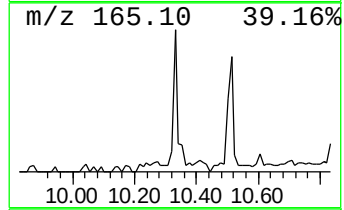
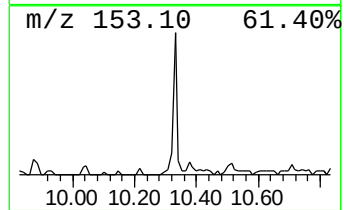
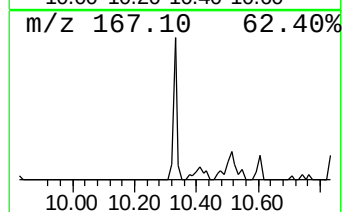
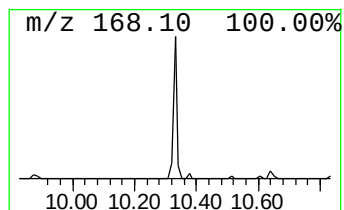
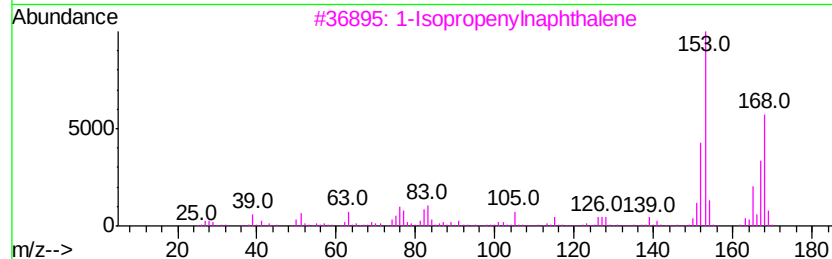
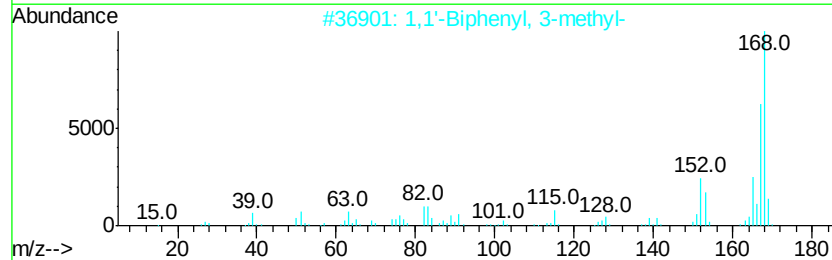
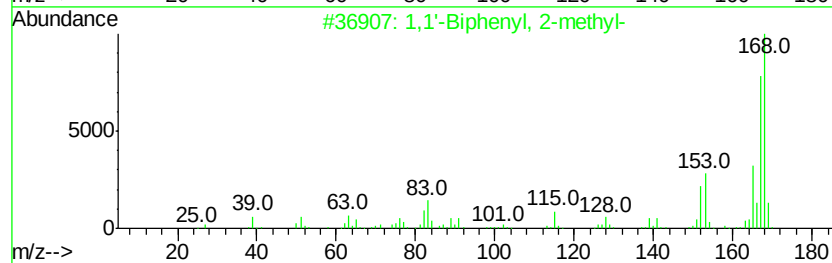
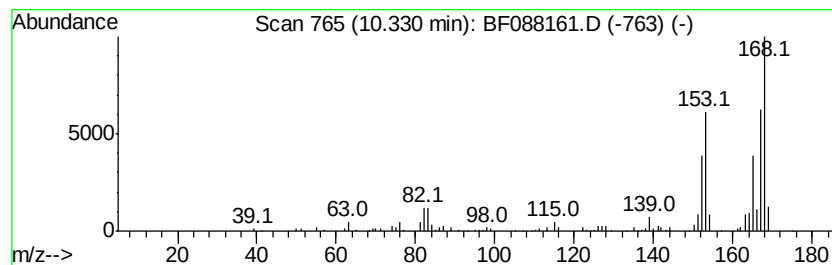
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.33	2.52 ng	80213	Acenaphthene-d10		9.72
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	81
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	76
3	1-Isopropenvlnaphthalene	168	C13H12	001855-47-6	76
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	68
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
Data File : BF088161.D
Acq On : 19 Jun 2016 4:45
Operator : UM/SJ
Sample : H3628-05
Misc :
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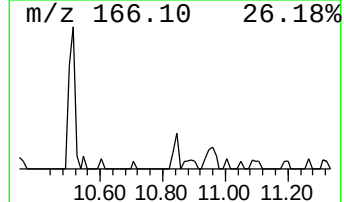
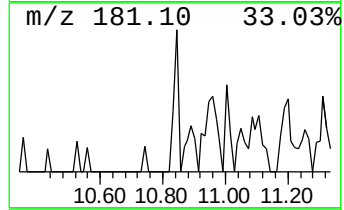
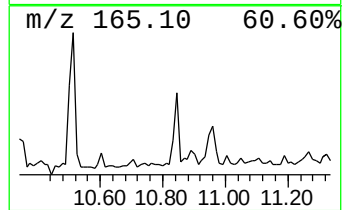
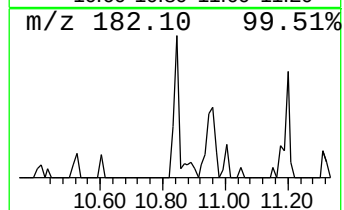
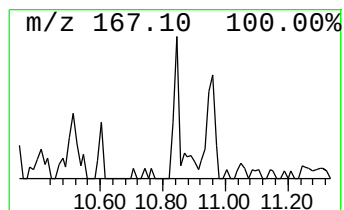
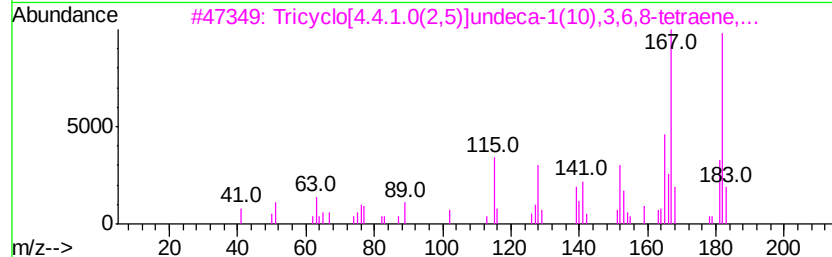
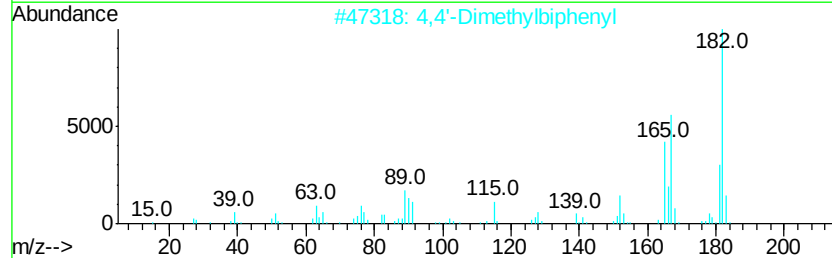
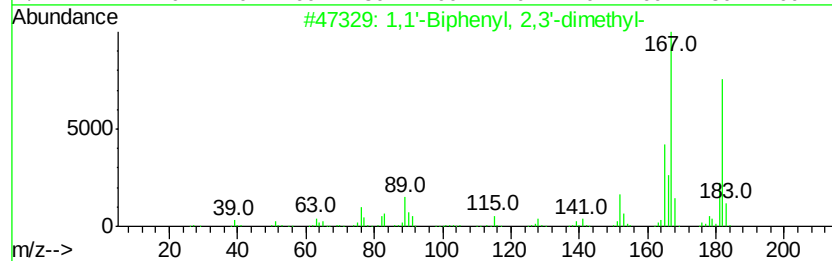
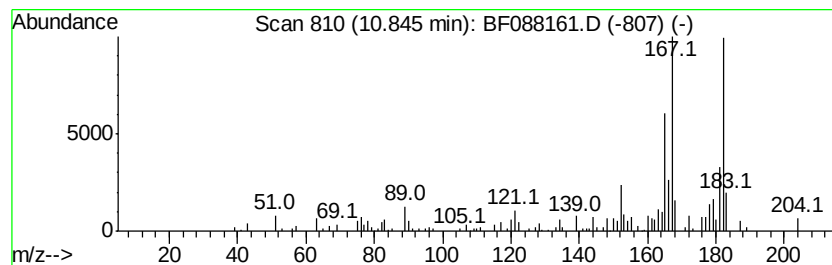
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,3'-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.84	2.37 ng	66141	Phenanthrene-d10	11.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	90
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	90
3	Tricyclo[4.4.1.0(2,5)]undeca-1(1...	182	C14H14	055836-29-8	87
4	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	87
5	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
Data File : BF088161.D
Acq On : 19 Jun 2016 4:45
Operator : UM/SJ
Sample : H3628-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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
2-Pentanone, 4-hy...	4.83	2.2	ng	58363	1	6.68	538238	20.0
unknown6.46	6.46	62.2	ng	1673290	1	6.68	538238	20.0
Benzene, 1-methyl...	7.63	2.2	ng	80385	2	7.98	745947	20.0
1H-Indene, 2,3-di...	7.71	4.5	ng	167505	2	7.98	745947	20.0
1H-Indene, 2,3-di...	8.44	2.7	ng	100674	2	7.98	745947	20.0
Dimethyl phthalate	9.45	2.0	ng	63905	3	9.72	636634	20.0
4,6,8-Trimethylaz...	10.04	2.5	ng	79400	3	9.72	636634	20.0
1,1'-Biphenyl, 2-...	10.33	2.5	ng	80213	3	9.72	636634	20.0
1,1'-Biphenyl, 2,...	10.84	2.4	ng	66141	4	11.20	558885	20.0