

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
 Data File : BF084428.D
 Acq On : 13 Jan 2016 00:06
 Operator : SJ/UM
 Sample : G4988-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RX2

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-BF123115.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	5.013	253	256	262	rVB	625683	769752	3.19%	0.557%
2	5.447	292	294	296	rVB	3163970	3046191	12.62%	2.204%
3	5.573	303	305	307	rBV	371672	336220	1.39%	0.243%
4	6.362	372	374	375	rBV	313443	248636	1.03%	0.180%
5	6.442	378	381	382	rBV	250602	263490	1.09%	0.191%
6	6.476	382	384	386	rBV	2148804	1793685	7.43%	1.298%
7	6.613	393	396	398	rBV	5848472	5775891	23.94%	4.178%
8	6.659	398	400	402	rVV	550068	717866	2.98%	0.519%
9	6.842	413	416	417	rBV	1900674	1621125	6.72%	1.173%
10	6.899	420	421	425	rVV2	705291	1011309	4.19%	0.732%
11	7.002	427	430	431	rVV	5693291	6267082	25.97%	4.534%
12	7.024	431	432	434	rVB	874045	614737	2.55%	0.445%
13	7.104	437	439	441	rBV	1758483	2004576	8.31%	1.450%
14	7.162	442	444	449	rVB	392683	394362	1.63%	0.285%
15	7.242	449	451	455	rBV2	177754	258662	1.07%	0.187%
16	7.413	461	466	468	rBV	4448992	6135264	25.43%	4.438%
17	7.527	474	476	481	rVB4	227223	527646	2.19%	0.382%
18	7.642	485	486	488	rBV	489421	351057	1.45%	0.254%
19	7.802	497	500	503	rVB2	507830	672215	2.79%	0.486%
20	7.870	503	506	508	rBV2	1199449	1614221	6.69%	1.168%
21	7.905	508	509	512	rVV2	241251	438088	1.82%	0.317%
22	7.973	512	515	516	rVB2	451342	689398	2.86%	0.499%
23	8.167	526	532	534	rBV2	13201168	24128572	100.00%	17.455%
24	8.202	534	535	537	rVV	1886243	1422073	5.89%	1.029%
25	8.373	548	550	551	rBV	291519	266713	1.11%	0.193%
26	8.407	551	553	556	rVB3	315415	340319	1.41%	0.246%
27	8.510	561	562	565	rBV	346697	321130	1.33%	0.232%
28	8.590	565	569	571	rBV	251452	443903	1.84%	0.321%
29	8.636	571	573	576	rVB2	517393	629798	2.61%	0.456%
30	8.716	579	580	582	rVB2	353323	306218	1.27%	0.222%
31	8.785	585	586	588	rVV2	413797	556063	2.30%	0.402%
32	8.842	588	591	594	rVV	6811630	7044093	29.19%	5.096%
33	8.945	597	600	602	rVV	5386434	5641903	23.38%	4.082%
34	9.208	620	623	625	rVB	8328529	7956053	32.97%	5.756%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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35	9.299	629	631	634	rVB	923027	1111687	4.61%	0.804%
36	9.356	634	636	637	rBV	225459	265908	1.10%	0.192%
37	9.402	637	640	643	rVB	708027	1000378	4.15%	0.724%
38	9.470	643	646	650	rBV	1030563	1546306	6.41%	1.119%
39	9.539	650	652	653	rBV	1967656	1976850	8.19%	1.430%
40	9.562	653	654	656	rVB	825596	1006605	4.17%	0.728%
41	9.653	661	662	665	rVB	658305	974040	4.04%	0.705%
42	9.745	667	670	672	rBV2	760765	911163	3.78%	0.659%
43	9.882	679	682	683	rBV	2591920	2586829	10.72%	1.871%
44	9.916	683	685	687	rVV	6865221	6399398	26.52%	4.630%
45	9.950	687	688	690	rVV	374374	332541	1.38%	0.241%
46	9.985	690	691	693	rVV	266091	326616	1.35%	0.236%
47	10.042	693	696	697	rVV3	180580	326397	1.35%	0.236%
48	10.088	697	700	702	rVV	4445650	4029221	16.70%	2.915%
49	10.122	702	703	705	rVV	386639	328474	1.36%	0.238%
50	10.202	708	710	711	rBV2	277116	348561	1.44%	0.252%
51	10.305	714	719	721	rBV3	226659	563388	2.33%	0.408%
52	10.373	723	725	728	rBV3	130076	245283	1.02%	0.177%
53	10.431	728	730	732	rVV	4347353	3804274	15.77%	2.752%
54	10.499	732	736	739	rVV2	478938	997854	4.14%	0.722%
55	10.591	741	744	746	rVB2	224572	430104	1.78%	0.311%
56	10.671	748	751	753	rBV	4572770	4579802	18.98%	3.313%
57	10.968	774	777	779	rVV2	158975	322880	1.34%	0.234%
58	11.002	779	780	783	rVV	284788	328364	1.36%	0.238%
59	11.265	800	803	805	rVB	422433	484829	2.01%	0.351%
60	11.368	809	812	813	rVV	2310727	2576376	10.68%	1.864%
61	11.391	813	814	816	rVV	4786580	3585115	14.86%	2.594%
62	11.596	830	832	834	rBV	715292	587770	2.44%	0.425%
63	11.894	857	858	860	rVV	529460	422120	1.75%	0.305%
64	11.974	863	865	869	rVB	281957	378023	1.57%	0.273%
65	12.122	877	878	881	rBV2	178294	255379	1.06%	0.185%
66	12.408	901	903	907	rVV2	159060	280439	1.16%	0.203%
67	12.579	914	918	919	rVB	302567	450572	1.87%	0.326%
68	12.956	948	951	953	rBV	6531426	6515461	27.00%	4.713%
69	13.859	1027	1030	1040	rBV2	105372	266350	1.10%	0.193%
70	13.997	1040	1042	1045	rBV	1571900	1515588	6.28%	1.096%
71	15.425	1164	1167	1170	rBV	1058059	1247013	5.17%	0.902%

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72	17.768	1368	1372	1379	rBV	125719	313519	1.30%	0.227%
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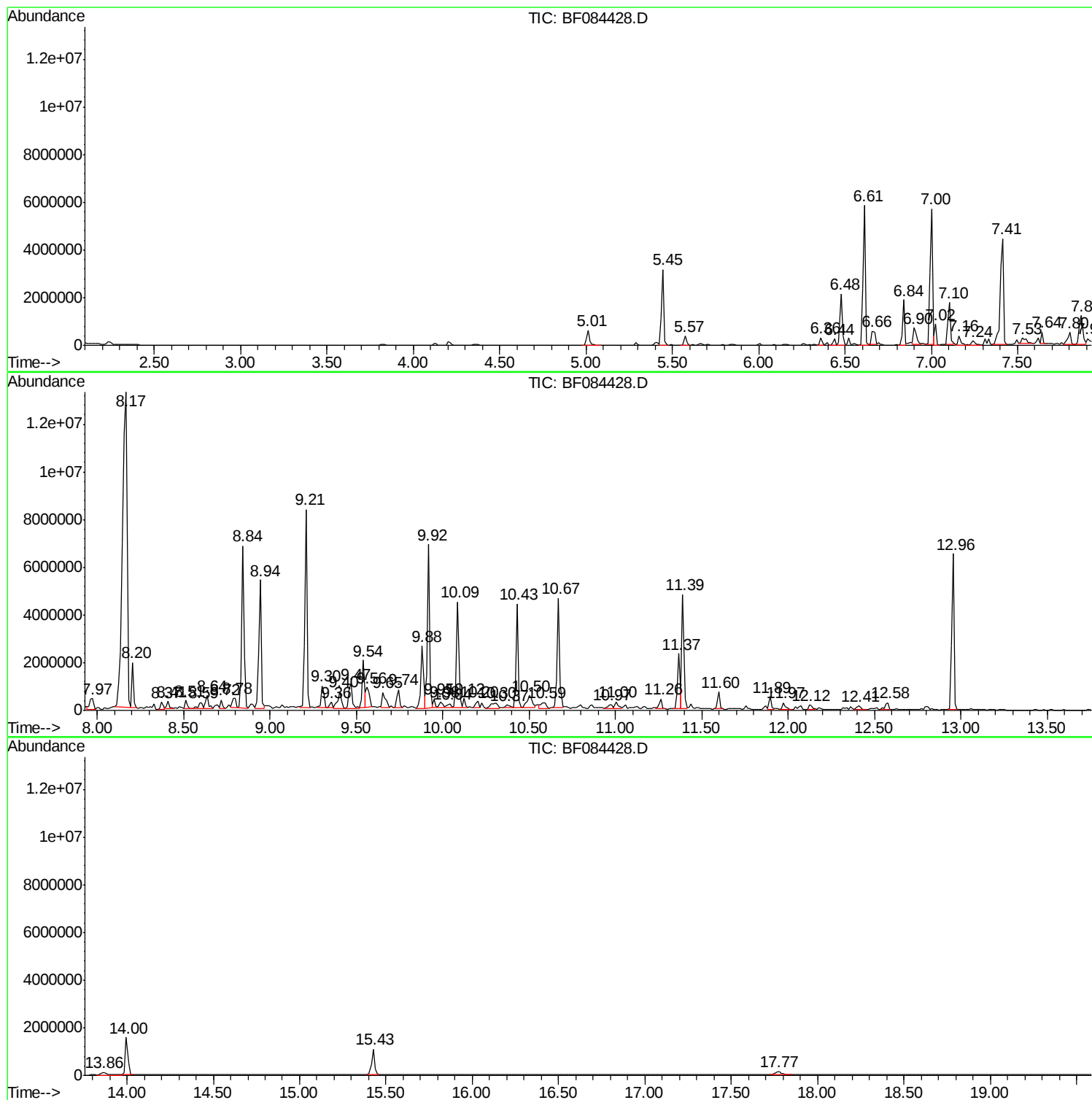
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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ClientSampleId :
RX2

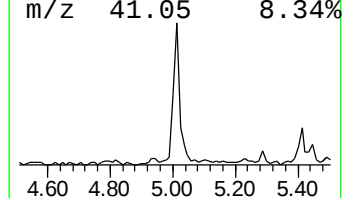
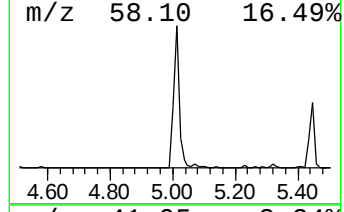
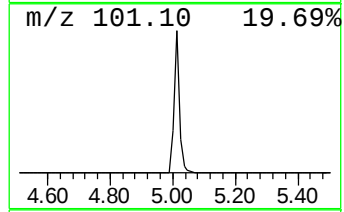
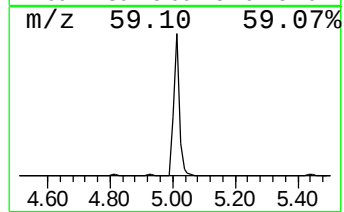
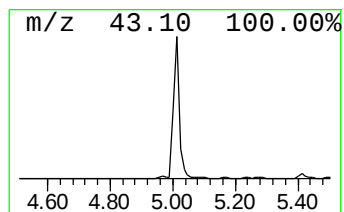
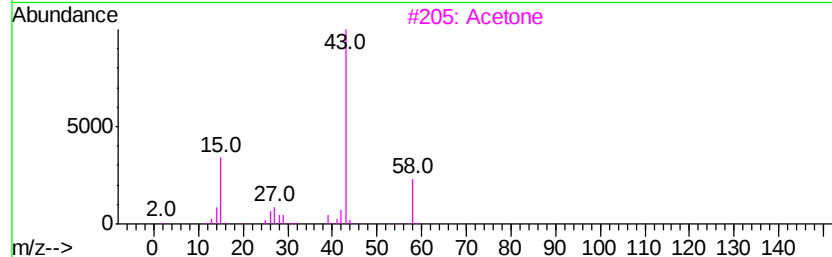
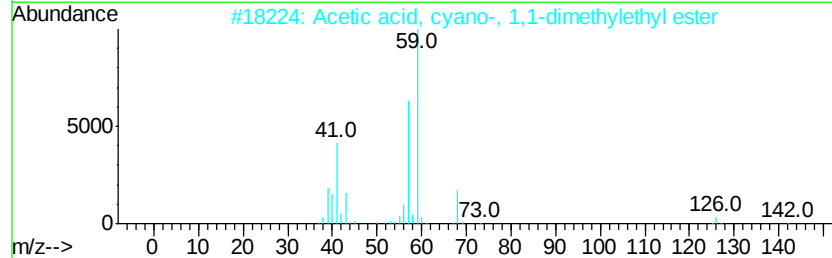
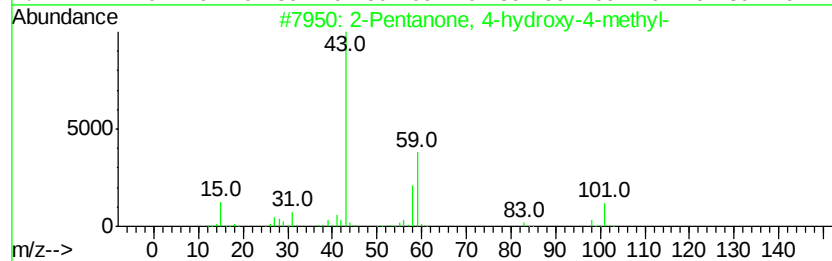
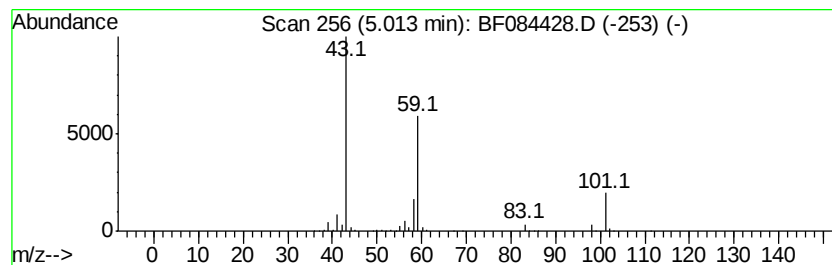
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown5.01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	9.50 ng	769752	1,4-Dichlorobenzene-d4	6.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		Acetone	58	C3H6O	000067-64-1	9
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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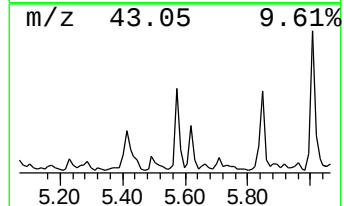
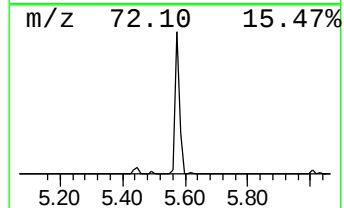
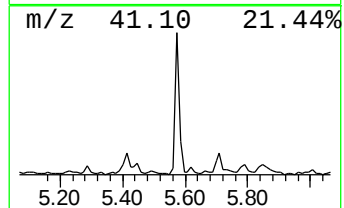
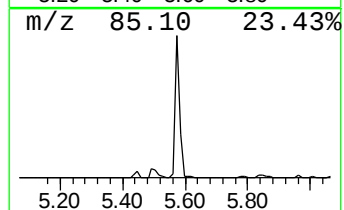
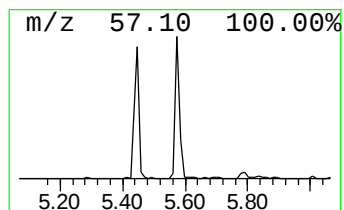
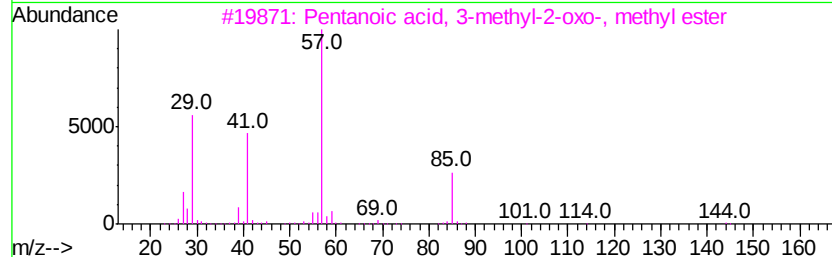
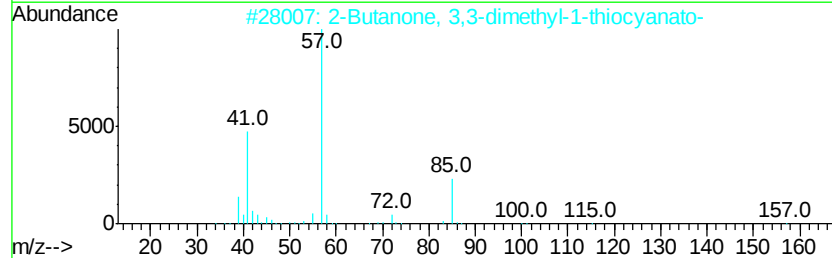
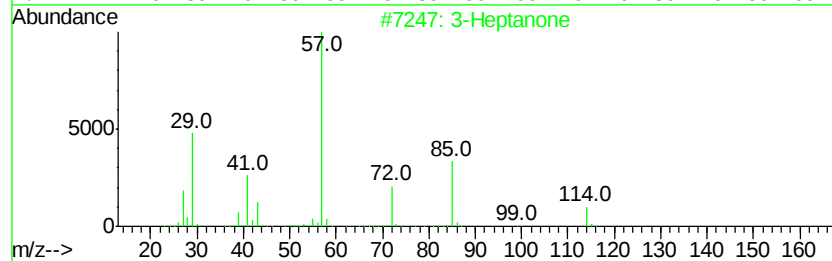
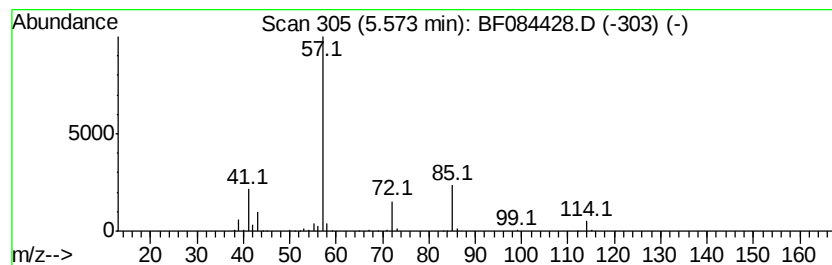
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 3-Heptanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	4.15 ng	336220	1,4-Dichlorobenzene-d4	6.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Heptanone	114	C7H14O	000106-35-4	72
2			2-Butanone, 3,3-dimethyl-1-thioc...	157	C7H11NOS	057518-71-5	45
3			Pentanoic acid, 3-methyl-2-oxo-,...	144	C7H12O3	003682-42-6	42
4			2-Butanone, 1-bromo-3,3-dimethyl-	178	C6H11BrO	005469-26-1	42
5			3-Hexanone, 5-methyl-	114	C7H14O	000623-56-3	38



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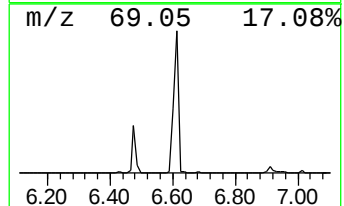
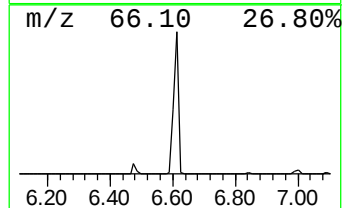
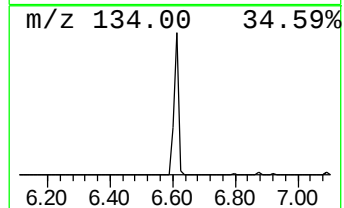
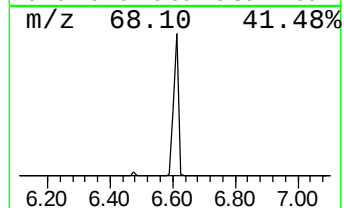
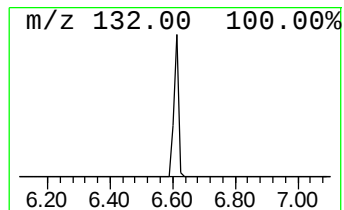
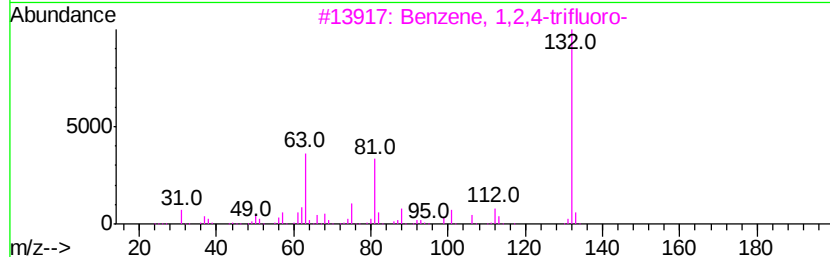
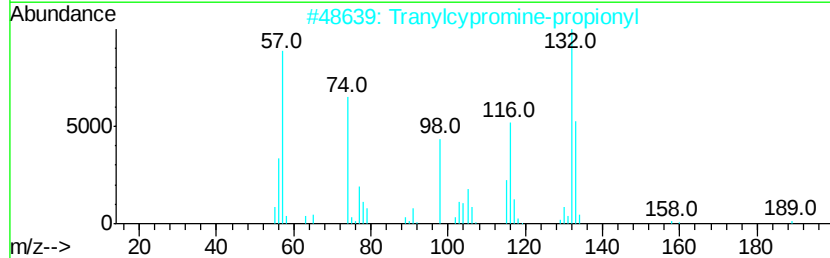
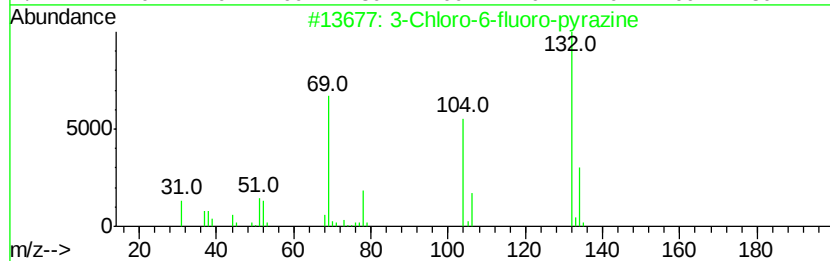
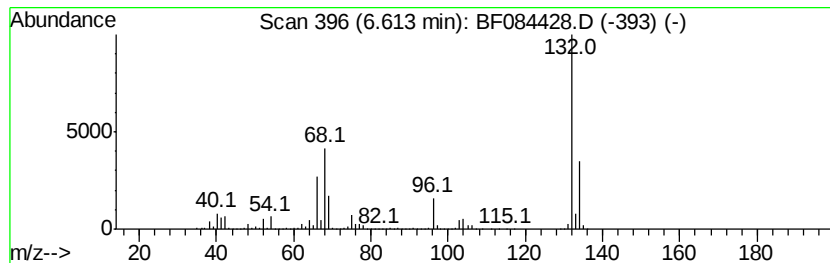
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown6.61 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	71.26 ng	5775890	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	27
2		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
3		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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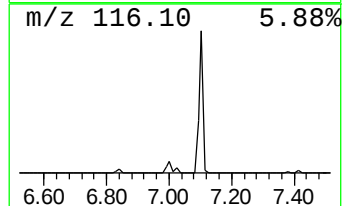
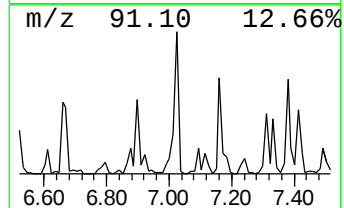
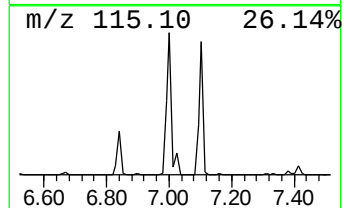
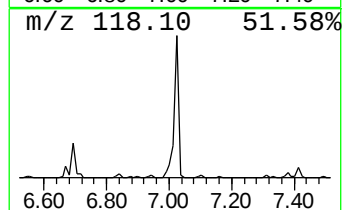
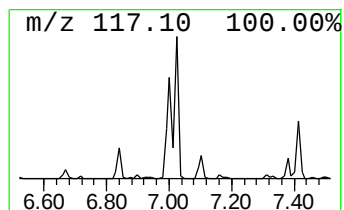
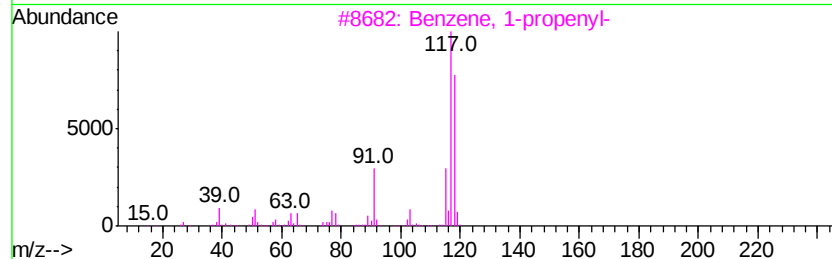
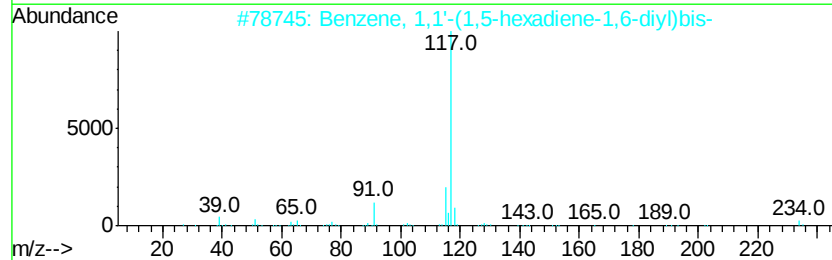
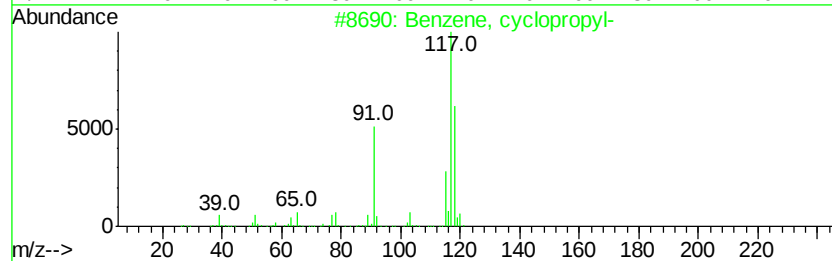
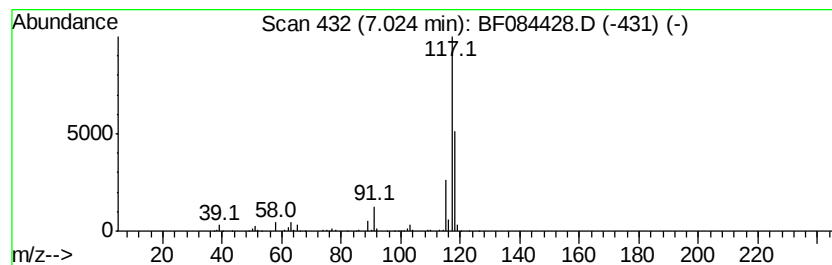
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, cyclopropyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	7.58 ng	614737	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, cvclopropyl-	118	C9H10	000873-49-4	72
2		Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	47
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	47
5		Indane	118	C9H10	000496-11-7	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084428.D
Acq On : 13 Jan 2016 00:06
Operator : SJ/UM
Sample : G4988-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

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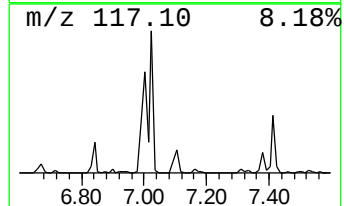
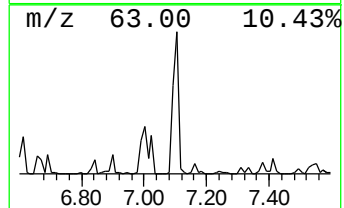
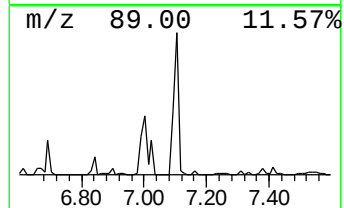
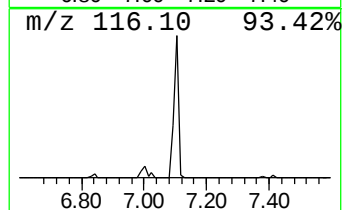
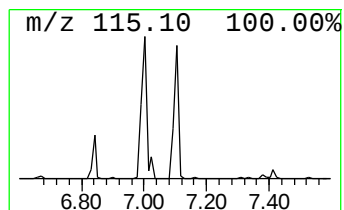
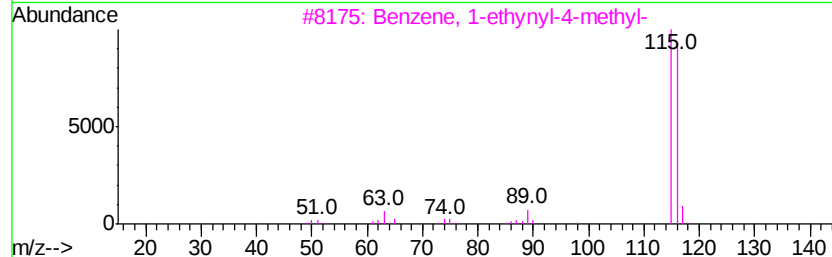
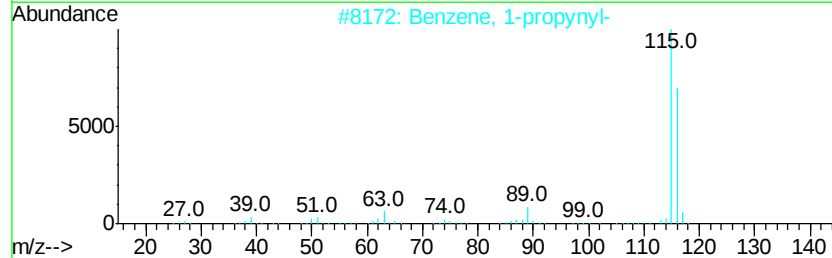
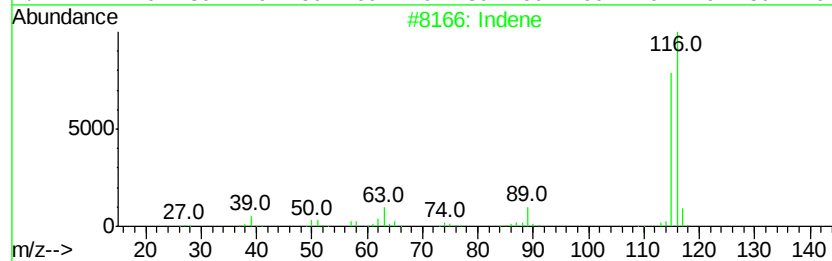
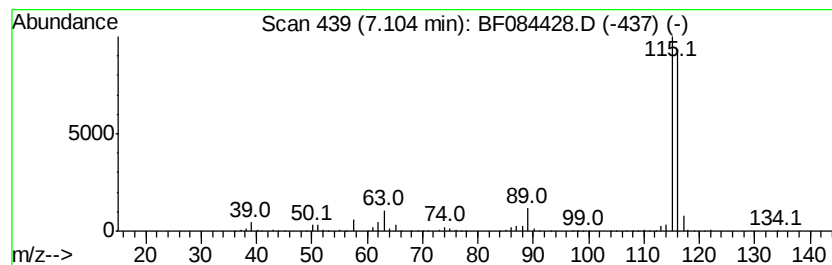
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	24.73 ng	2004580	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4		Benzene, 1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
5		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
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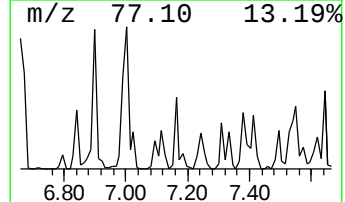
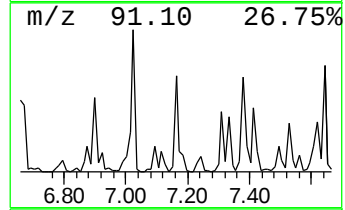
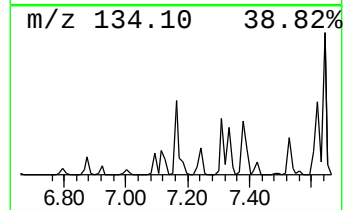
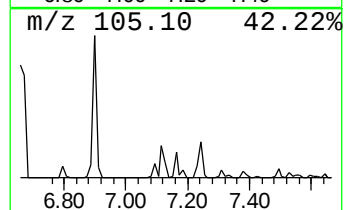
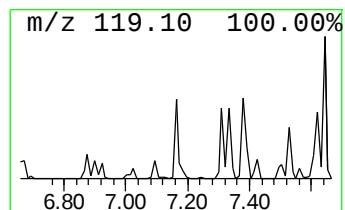
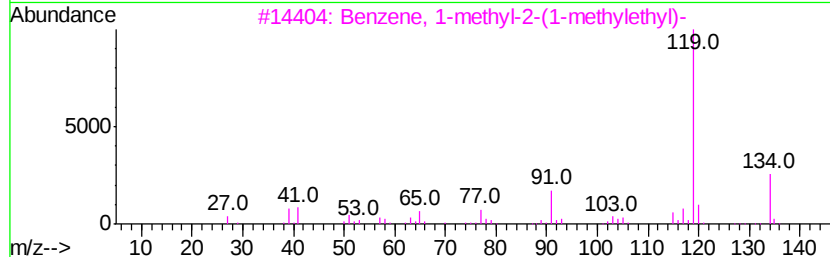
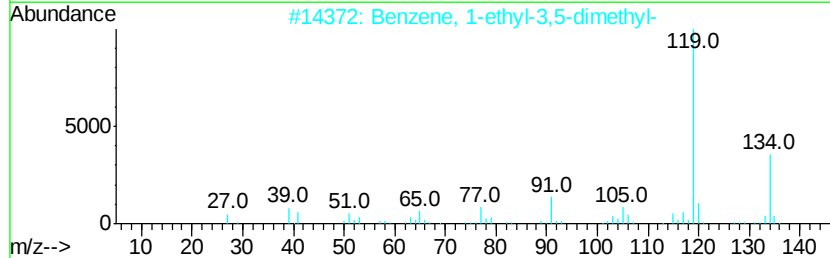
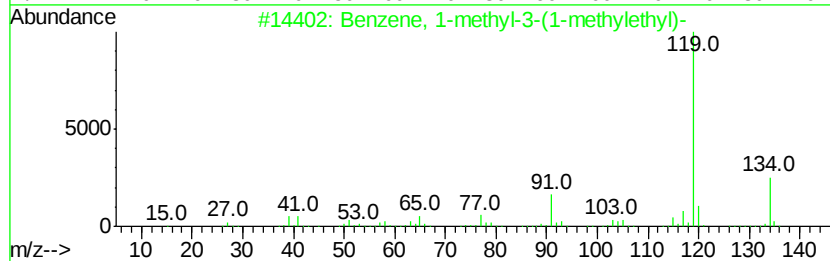
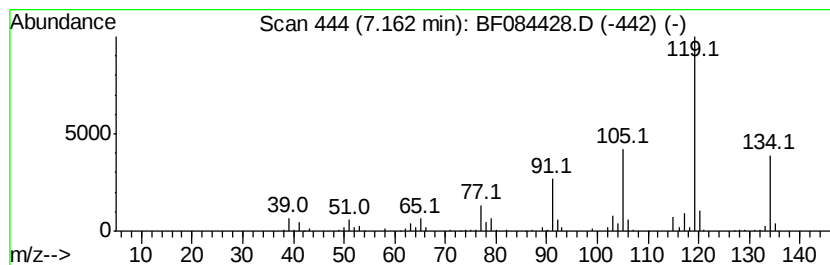
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	4.87 ng	394362	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
Data File : BF084428.D
Acq On : 13 Jan 2016 00:06
Operator : SJ/UM
Sample : G4988-09
Misc :
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Instrument :
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ClientSampleId :
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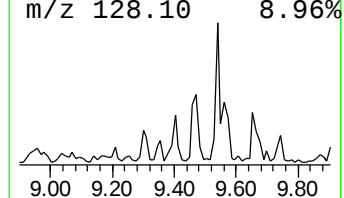
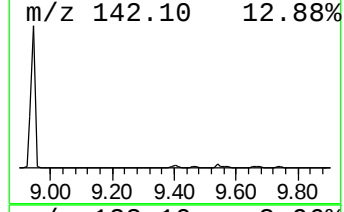
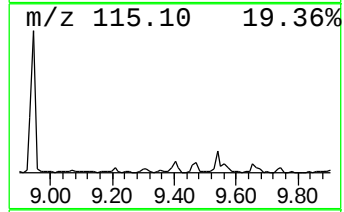
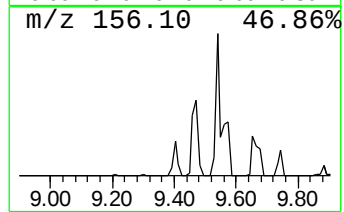
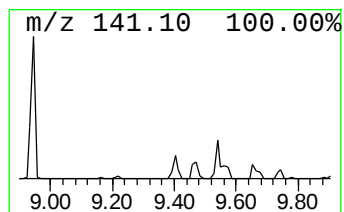
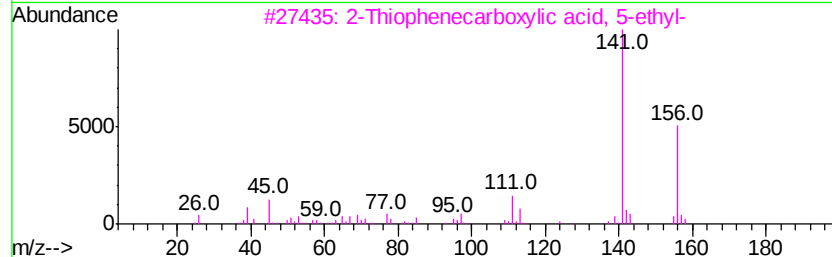
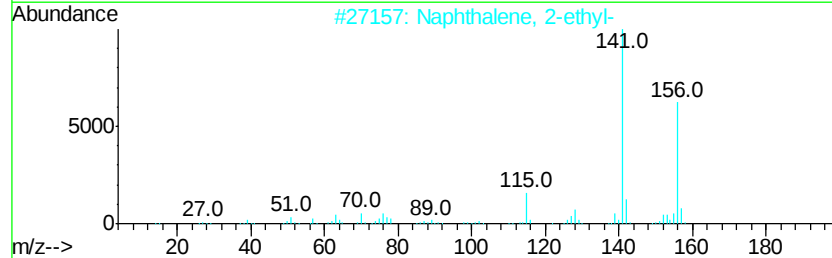
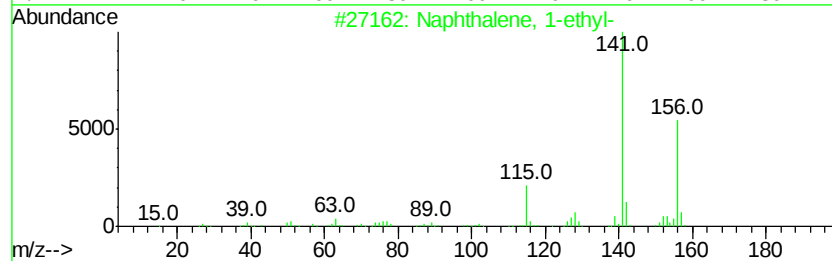
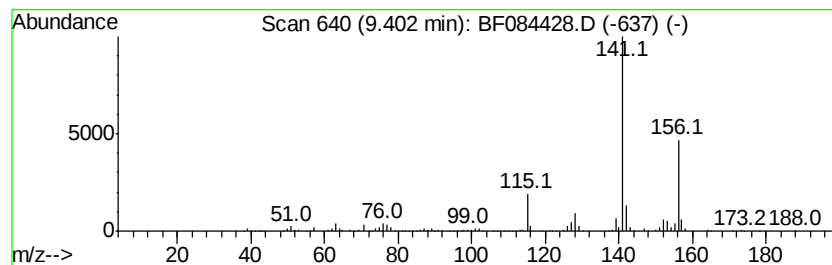
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	7.73 ng	1000380	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3		2-Thiophenecarboxylic acid, 5-ethyl-	156	C7H8O2S	023229-72-3	72
4		Naphthalene, 1-propyl-	170	C13H14	002765-18-6	53
5		1-Naphthaleneethanol	172	C12H12O	000773-99-9	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084428.D
Acq On : 13 Jan 2016 00:06
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Sample : G4988-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

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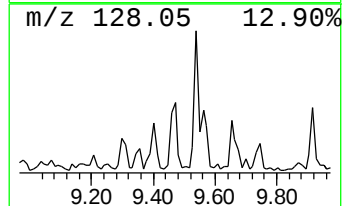
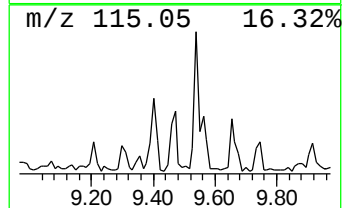
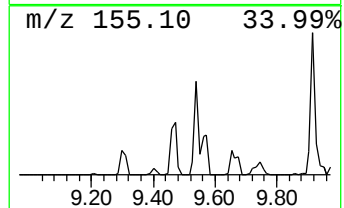
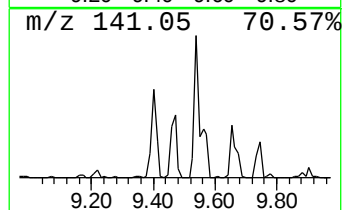
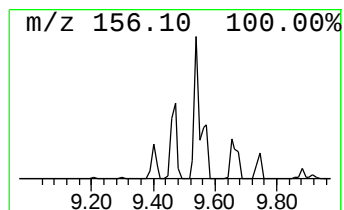
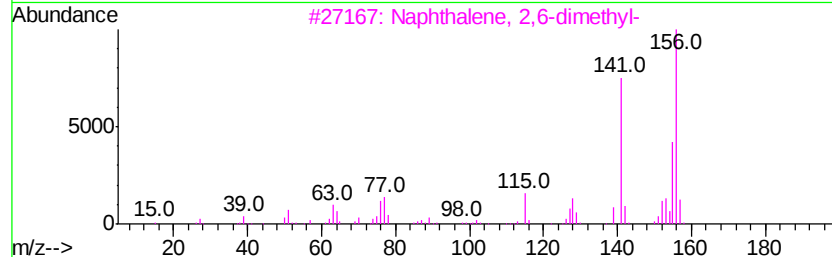
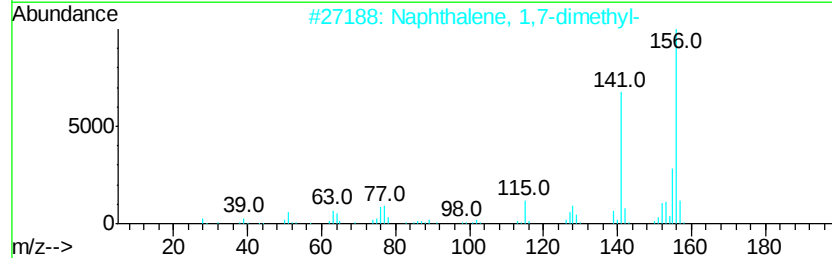
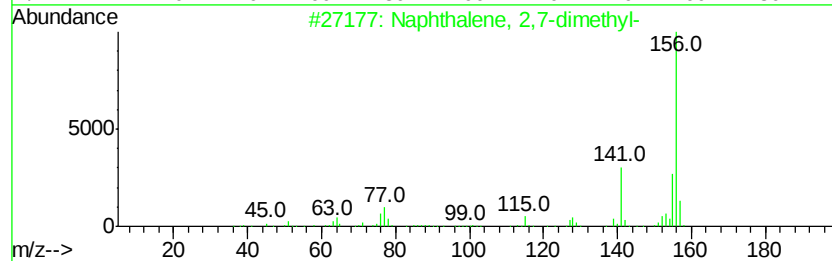
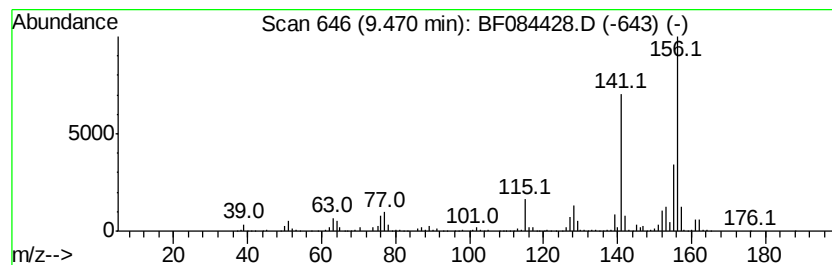
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	11.96 ng	1546310	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084428.D
Acq On : 13 Jan 2016 00:06
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Misc :
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Instrument :
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ClientSampleId :
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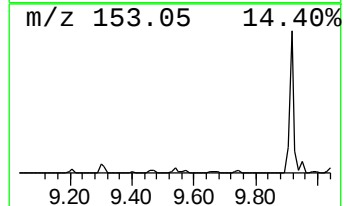
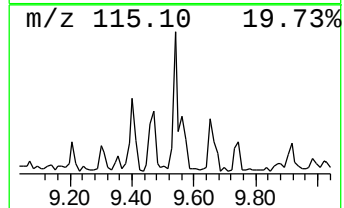
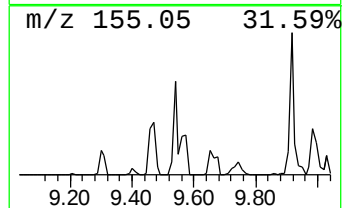
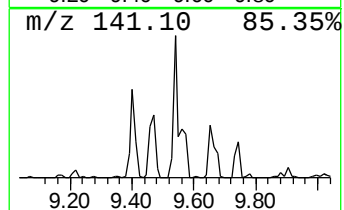
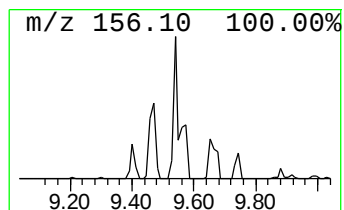
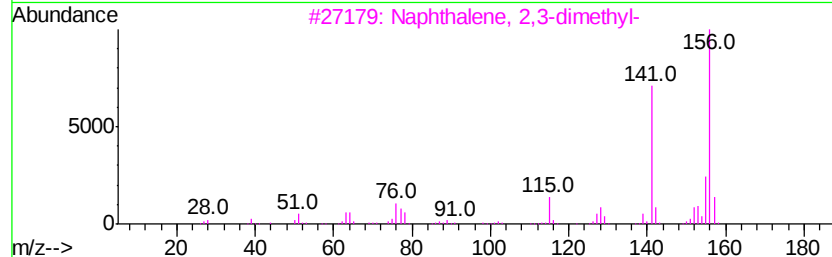
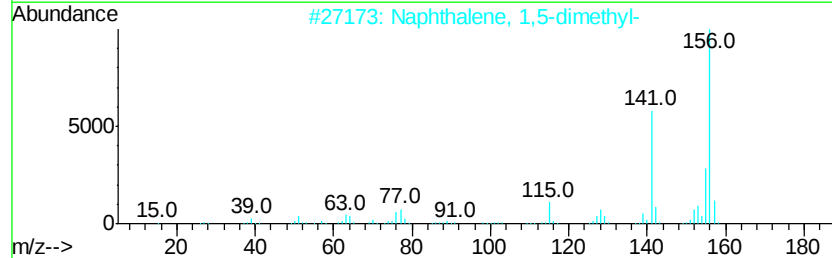
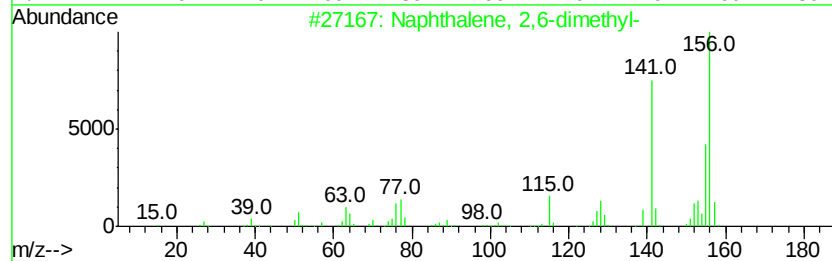
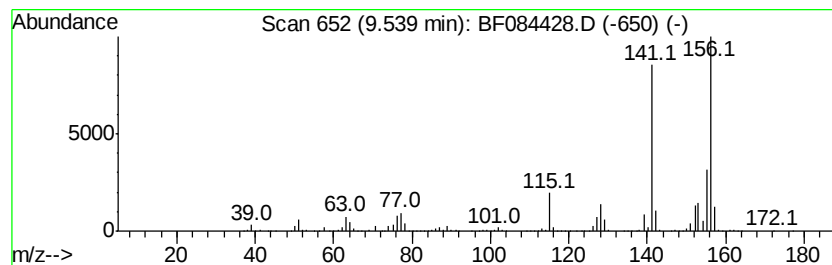
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	15.28 ng	1976850	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084428.D
Acq On : 13 Jan 2016 00:06
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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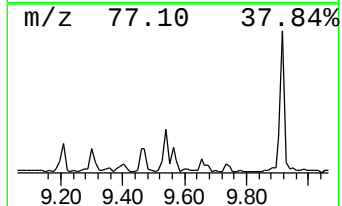
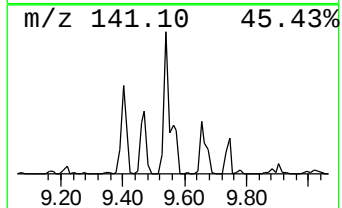
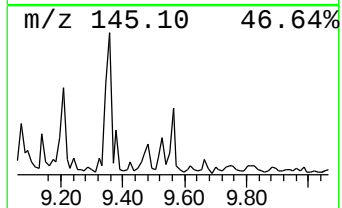
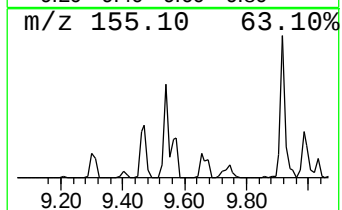
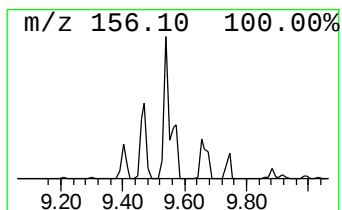
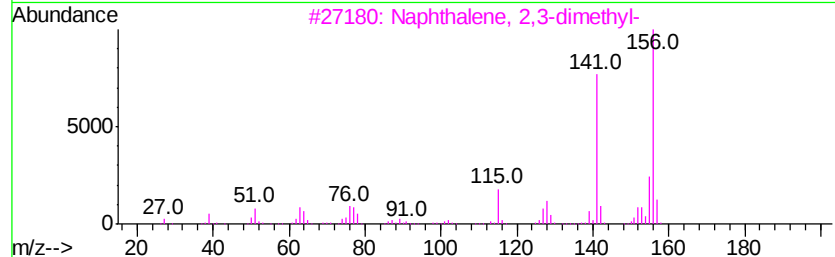
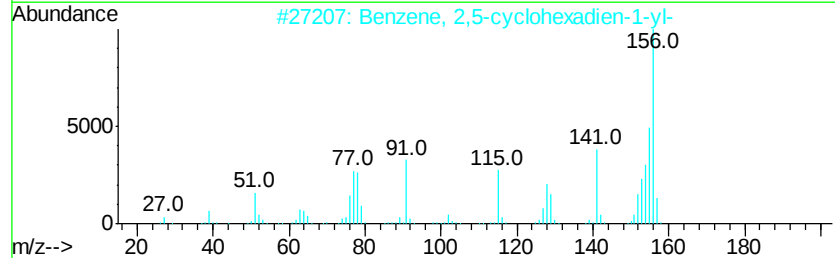
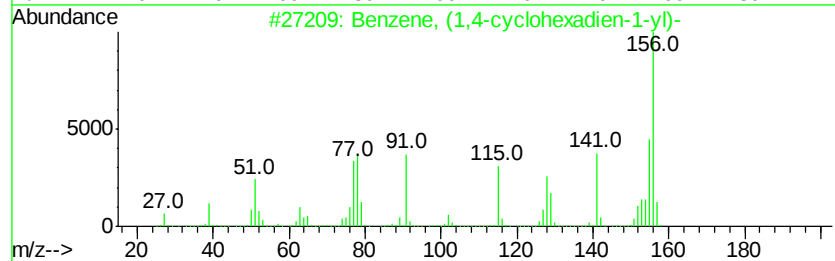
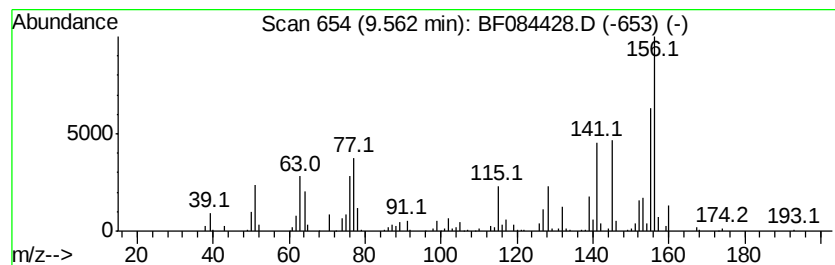
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, (1,4-cyclohexadien... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	7.78 ng	1006610	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,4-cyclohexadien-1-yl)-	156	C12H12	013703-52-1	58
2		Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	52
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	50
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	49
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084428.D
Acq On : 13 Jan 2016 00:06
Operator : SJ/UM
Sample : G4988-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

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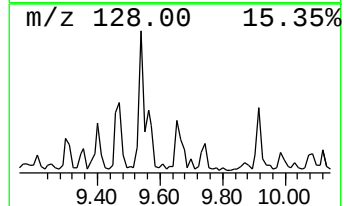
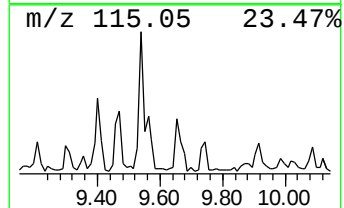
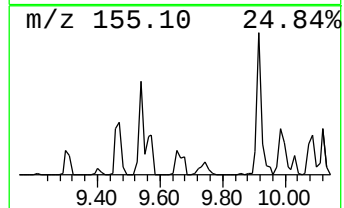
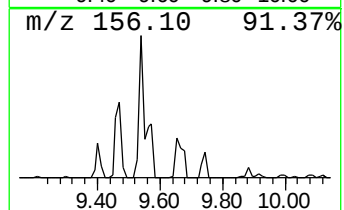
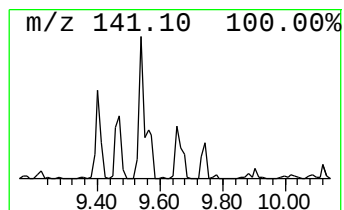
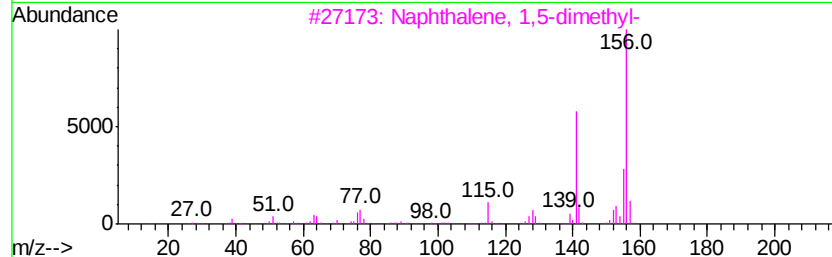
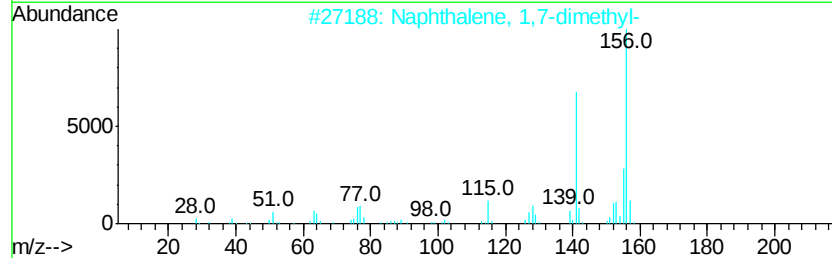
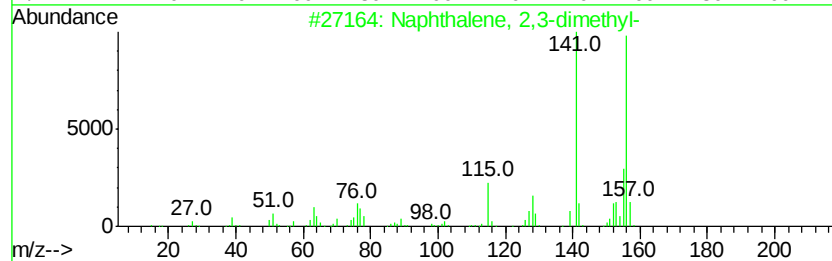
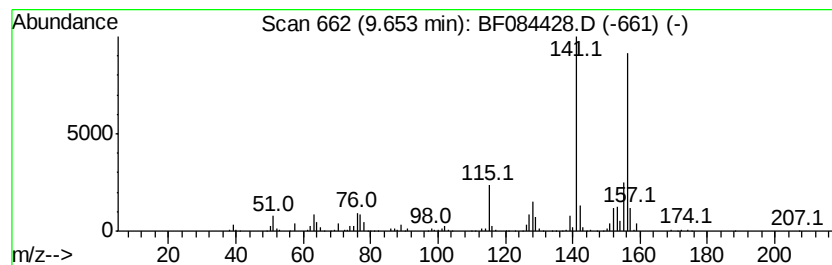
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	7.53 ng	974040	Acenaphthene-d10	9.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
Data File : BF084428.D
Acq On : 13 Jan 2016 00:06
Operator : SJ/UM
Sample : G4988-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RX2

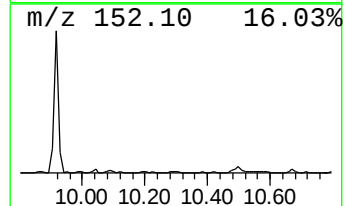
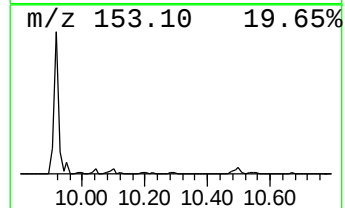
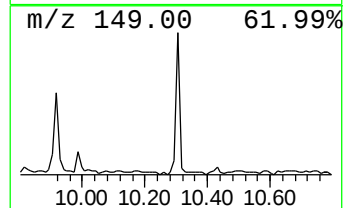
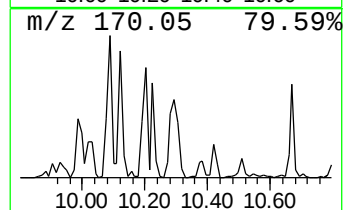
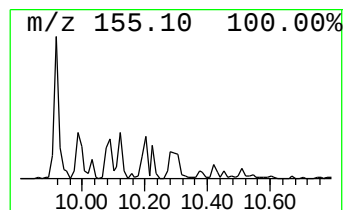
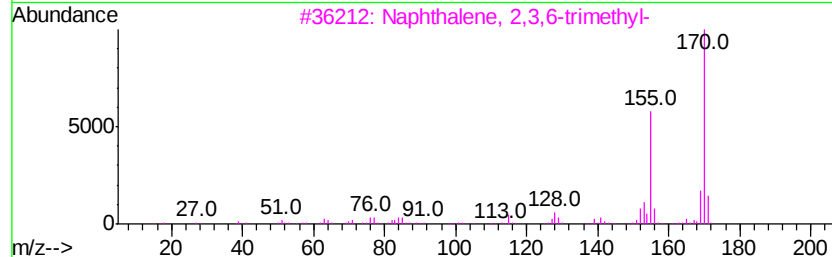
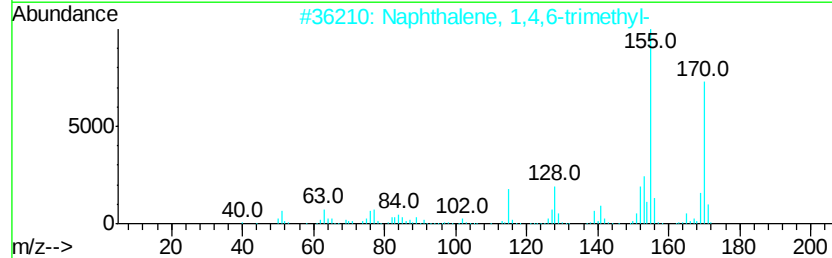
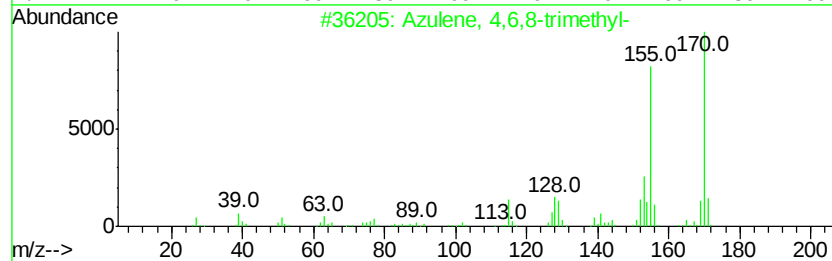
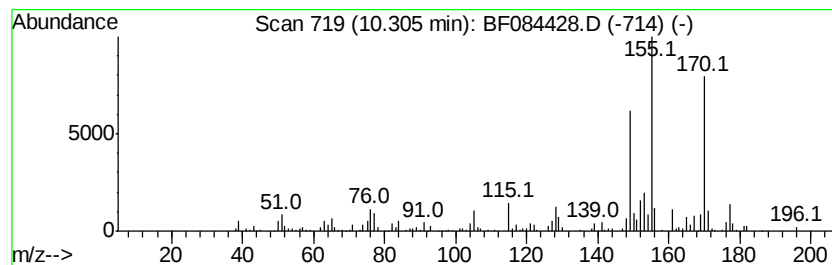
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Azulene, 4,6,8-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	4.36 ng	563388	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	92
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084428.D
Acq On : 13 Jan 2016 00:06
Operator : SJ/UM
Sample : G4988-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

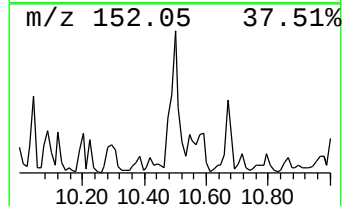
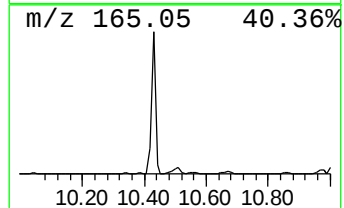
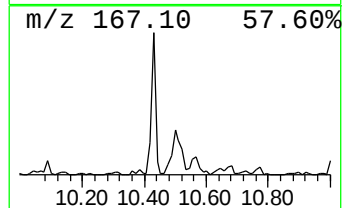
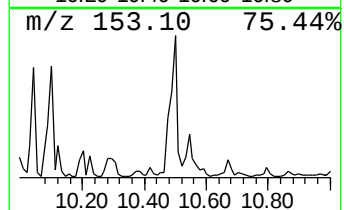
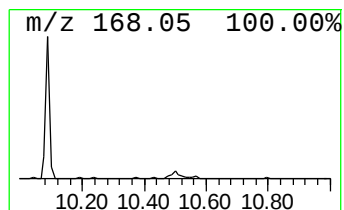
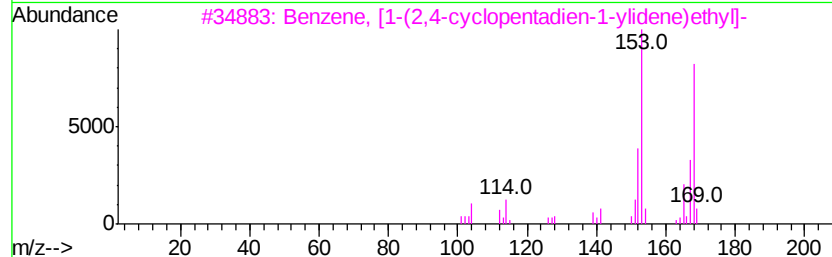
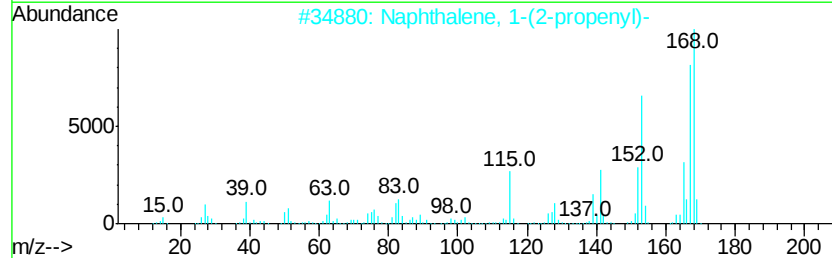
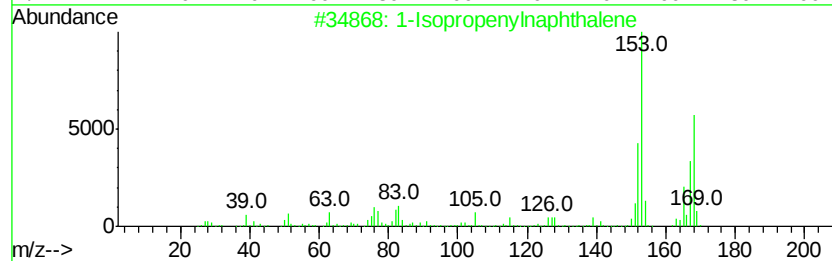
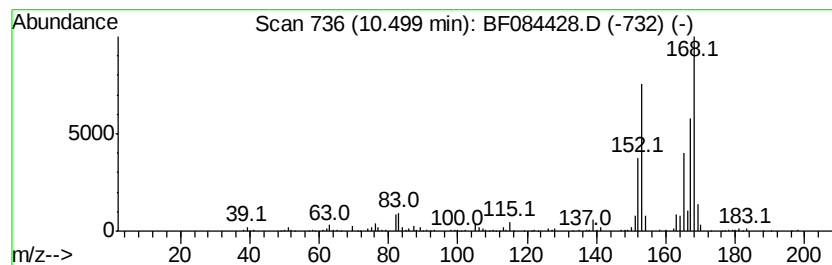
Instrument :
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ClientSampleId :
RX2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Isopropenylnaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.50	7.71 ng	997854	Acenaphthene-d10	9.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	81
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	62
3	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	53
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084428.D
Acq On : 13 Jan 2016 00:06
Operator : SJ/UM
Sample : G4988-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

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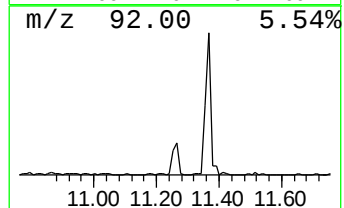
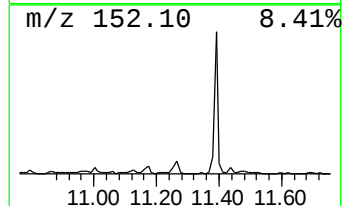
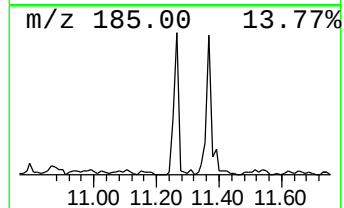
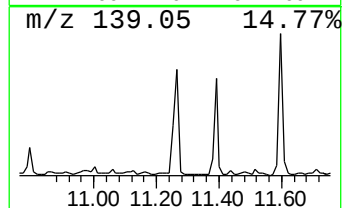
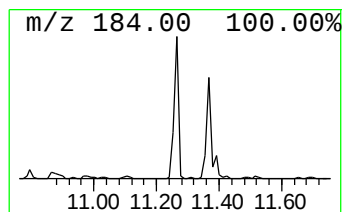
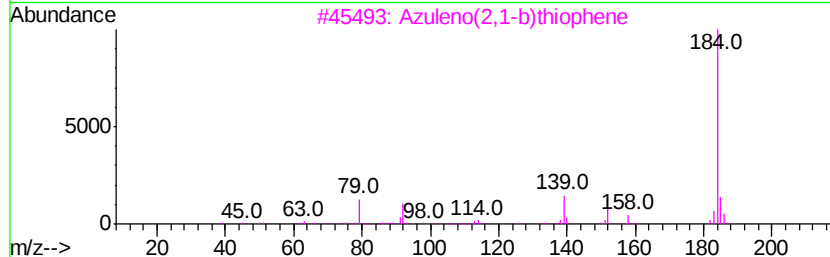
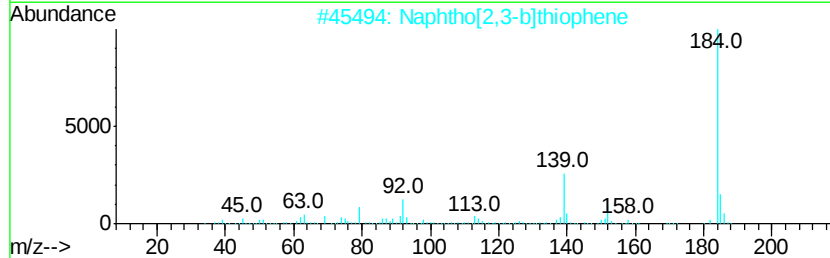
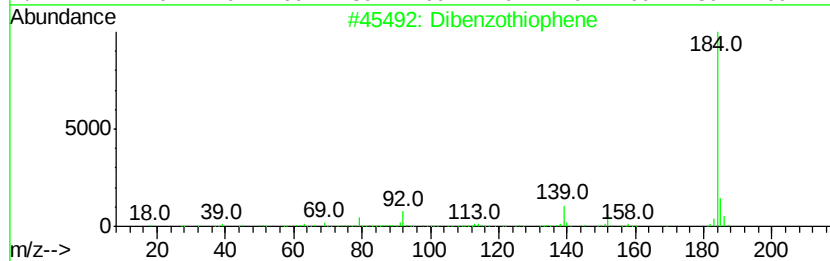
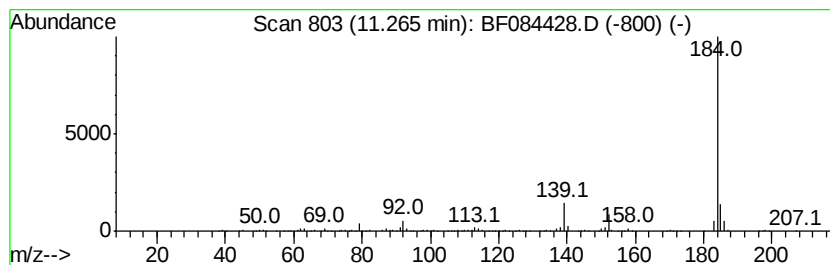
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	3.76 ng	484829	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4			Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	80
5			1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084428.D
Acq On : 13 Jan 2016 00:06
Operator : SJ/UM
Sample : G4988-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

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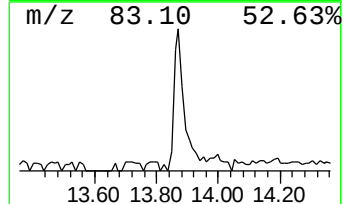
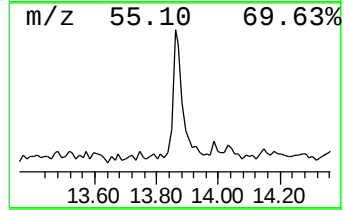
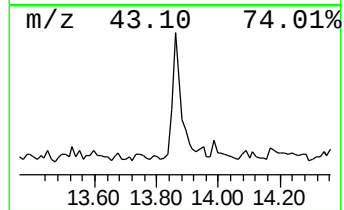
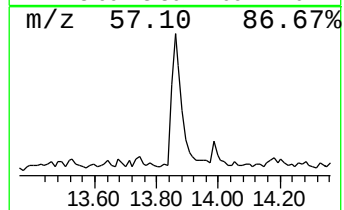
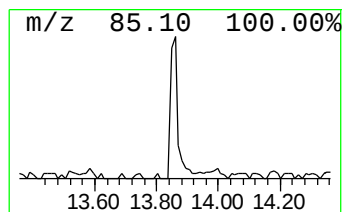
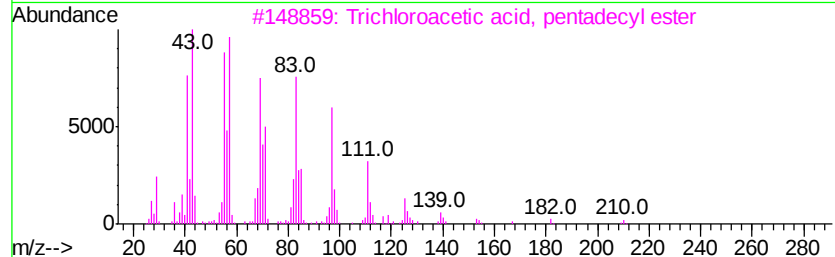
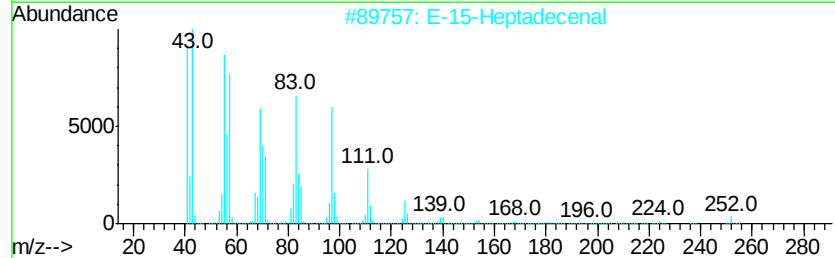
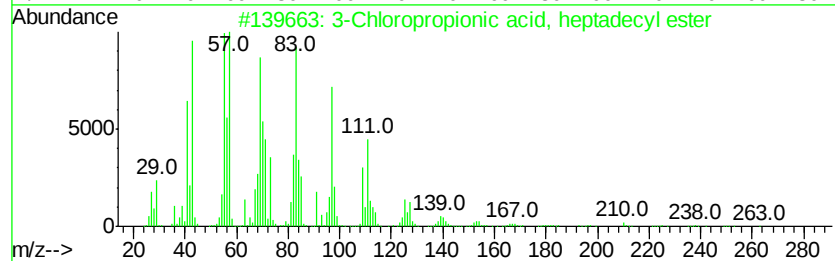
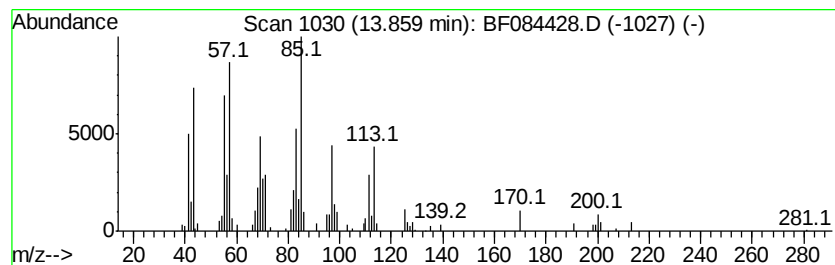
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3-Chloropropionic acid, hep... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	3.51 ng	266350	Chrysene-d12	14.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	50
2			E-15-Heptadecenal	252	C17H32O	1000130-97-9	46
3			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	46
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	46
5			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084428.D
Acq On : 13 Jan 2016 00:06
Operator : SJ/UM
Sample : G4988-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

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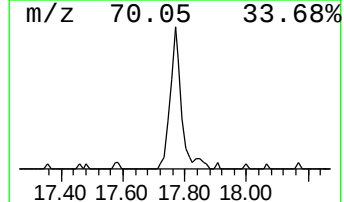
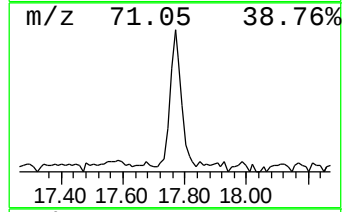
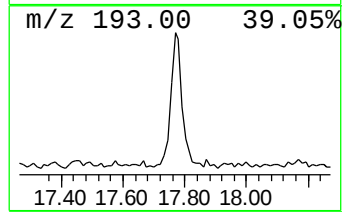
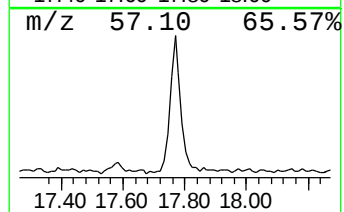
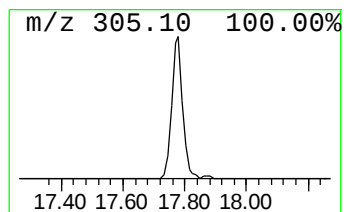
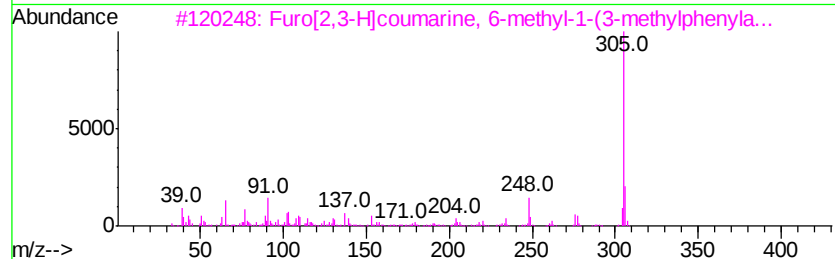
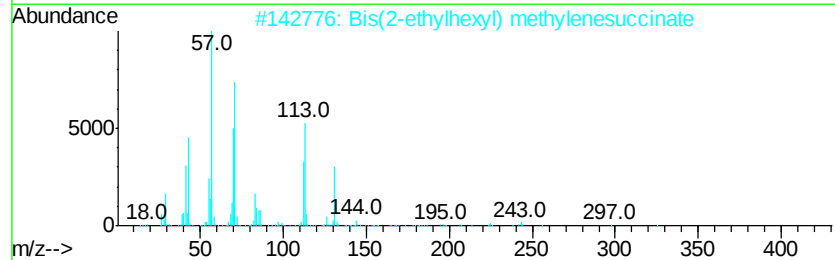
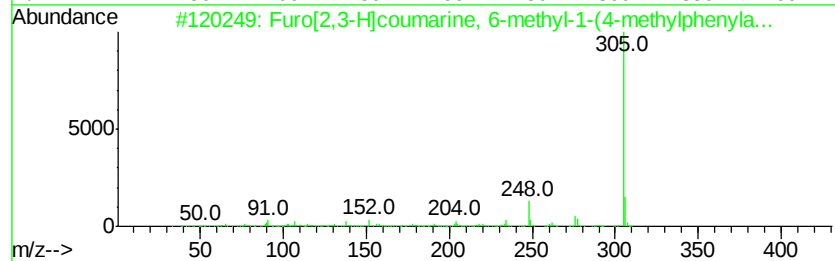
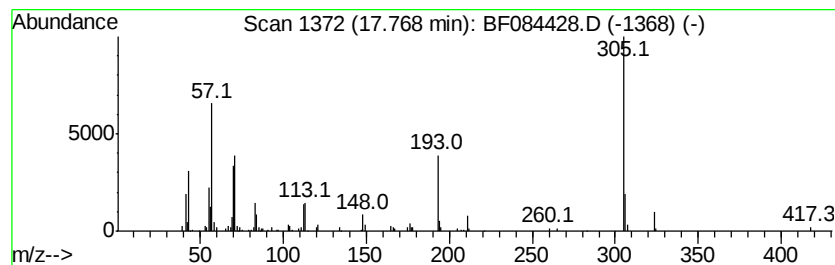
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.77 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	5.03 ng	313519	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Furo[2,3-H]coumarine, 6-methyl-1...	305	C19H15N03	298684-60-3	27
2		Bis(2-ethylhexyl) methylenesucci...	354	C21H38O4	002287-83-4	22
3		Furo[2,3-H]coumarine, 6-methyl-1...	305	C19H15N03	1000270-15-3	16
4		2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	14
5		Propanoic acid, 3-mercapto-, 2-e...	218	C11H22O2S	050448-95-8	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
 Data File : BF084428.D
 Acq On : 13 Jan 2016 00:06
 Operator : SJ/UM
 Sample : G4988-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RX2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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
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3-Heptanone	5.57	4.2	ng	336220	1	6.84	1621130	20.0
unknown6.61	6.61	71.3	ng	5775890	1	6.84	1621130	20.0
Benzene, cyclopro...	7.02	7.6	ng	614737	1	6.84	1621130	20.0
Indene	7.10	24.7	ng	2004580	1	6.84	1621130	20.0
Benzene, 1-methyl...	7.16	4.9	ng	394362	1	6.84	1621130	20.0
Naphthalene, 1-et...	9.40	7.7	ng	1000380	3	9.88	2586830	20.0
Naphthalene, 2,7-...	9.47	12.0	ng	1546310	3	9.88	2586830	20.0
Naphthalene, 2,6-...	9.54	15.3	ng	1976850	3	9.88	2586830	20.0
Benzene, (1,4-cyc...	9.56	7.8	ng	1006610	3	9.88	2586830	20.0
Naphthalene, 2,3-...	9.65	7.5	ng	974040	3	9.88	2586830	20.0
Azulene, 4,6,8-tr...	10.30	4.4	ng	563388	3	9.88	2586830	20.0
1-Isopropenyl naph...	10.50	7.7	ng	997854	3	9.88	2586830	20.0
Dibenzothiophene	11.26	3.8	ng	484829	4	11.37	2576380	20.0
3-Chloropropionic...	13.86	3.5	ng	266350	5	14.00	1515590	20.0
unknown17.77	17.77	5.0	ng	313519	6	15.43	1247010	20.0