

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087060.D
 Acq On : 15 May 2016 10:38
 Operator : UM/SJ
 Sample : H2966-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

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-BF050916.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	1.736	11	13	44	rVB	4895707	9682985	100.00%	8.798%
2	5.210	315	317	325	rBV	1283407	2024890	20.91%	1.840%
3	5.747	363	364	367	rVB	377310	343125	3.54%	0.312%
4	6.056	389	391	393	rBV	499130	473678	4.89%	0.430%
5	6.285	408	411	418	rBV	986525	1250615	12.92%	1.136%
6	6.387	418	420	422	rBV	3839370	3817661	39.43%	3.469%
7	6.559	432	435	438	rBV2	269864	407121	4.20%	0.370%
8	6.605	438	439	442	rBV	655674	891395	9.21%	0.810%
9	6.765	451	453	458	rBV2	3232435	4791036	49.48%	4.353%
10	6.867	460	462	464	rVV	546082	497461	5.14%	0.452%
11	6.959	466	470	472	rVB2	424804	592956	6.12%	0.539%
12	7.153	484	487	488	rBV	1280731	1485520	15.34%	1.350%
13	7.187	488	490	493	rVV	3395604	3856602	39.83%	3.504%
14	7.268	495	497	498	rVV	223118	328858	3.40%	0.299%
15	7.302	498	500	504	rVV2	331150	556442	5.75%	0.506%
16	7.393	504	508	510	rVV	987779	1177803	12.16%	1.070%
17	7.576	519	524	527	rVV3	375408	1085945	11.21%	0.987%
18	7.645	527	530	532	rVV2	1892089	2481392	25.63%	2.255%
19	7.679	532	533	534	rVV	183491	149442	1.54%	0.136%
20	7.725	534	537	540	rVV4	219946	508004	5.25%	0.462%
21	7.770	540	541	543	rVV	113142	145386	1.50%	0.132%
22	7.839	544	547	548	rVV	353475	541948	5.60%	0.492%
23	7.896	548	552	553	rVV	1580855	1966127	20.30%	1.786%
24	7.953	555	557	559	rVV	418175	674357	6.96%	0.613%
25	7.999	559	561	562	rVV	155792	212495	2.19%	0.193%
26	8.056	562	566	567	rVV3	278224	512470	5.29%	0.466%
27	8.090	567	569	572	rVV2	340646	724813	7.49%	0.659%
28	8.148	572	574	575	rVV	380695	694618	7.17%	0.631%
29	8.170	575	576	580	rVV4	453117	774970	8.00%	0.704%
30	8.285	582	586	589	rVV4	484570	1085368	11.21%	0.986%
31	8.342	589	591	592	rVV	339696	504651	5.21%	0.459%
32	8.365	592	593	597	rVV3	435232	787146	8.13%	0.715%
33	8.433	597	599	600	rVV2	187298	317648	3.28%	0.289%
34	8.502	600	605	607	rVV5	261678	1072816	11.08%	0.975%

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 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-BF050916.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.559	608	610	611 rVV	662808	838127	8.66%	0.762%
36	8.593	611	613	615 rVV	459707	811862	8.38%	0.738%
37	8.673	617	620	621 rVV	318021	721578	7.45%	0.656%
38	8.742	621	626	628 rVV4	615290	2009334	20.75%	1.826%
39	8.776	628	629	630 rVV	281753	349450	3.61%	0.318%
40	8.833	630	634	637 rVV	711296	1964966	20.29%	1.785%
41	8.891	637	639	642 rVV3	326701	924640	9.55%	0.840%
42	8.982	644	647	649 rVV	5075663	5489285	56.69%	4.988%
43	9.028	649	651	653 rVV2	294747	536405	5.54%	0.487%
44	9.096	653	657	658 rVV4	402737	1034729	10.69%	0.940%
45	9.119	658	659	661 rVV	525518	772105	7.97%	0.702%
46	9.165	661	663	667 rVV5	356266	1117789	11.54%	1.016%
47	9.245	667	670	672 rVV2	792016	1813828	18.73%	1.648%
48	9.313	672	676	679 rVV4	950680	3290913	33.99%	2.990%
49	9.359	679	680	681 rVV	780860	825996	8.53%	0.750%
50	9.428	685	686	691 rVV2	650987	1590118	16.42%	1.445%
51	9.508	691	693	697 rVV4	646575	1548154	15.99%	1.407%
52	9.599	699	701	702 rVV2	431056	687088	7.10%	0.624%
53	9.645	704	705	710 rVV2	1507340	2619217	27.05%	2.380%
54	9.713	710	711	712 rVV	305996	329805	3.41%	0.300%
55	9.748	712	714	717 rVV4	327764	861184	8.89%	0.782%
56	9.805	717	719	720 rVV	338425	612365	6.32%	0.556%
57	9.851	720	723	725 rVV3	417138	1049854	10.84%	0.954%
58	9.908	725	728	730 rVV4	347964	941298	9.72%	0.855%
59	10.033	732	739	741 rVV	3159016	7669345	79.20%	6.968%
60	10.091	741	744	745 rVV	828283	1386508	14.32%	1.260%
61	10.125	745	747	750 rVV3	407215	944713	9.76%	0.858%
62	10.171	750	751	755 rVV4	375530	986406	10.19%	0.896%
63	10.239	755	757	759 rVV3	497554	1013494	10.47%	0.921%
64	10.274	759	760	766 rVV2	622626	1456345	15.04%	1.323%
65	10.388	767	770	771 rVV2	378991	701644	7.25%	0.638%
66	10.445	771	775	777 rVV2	2527243	4135182	42.71%	3.757%
67	10.491	777	779	782 rVV3	908833	1719109	17.75%	1.562%
68	10.582	783	787	789 rVV4	371020	1042174	10.76%	0.947%
69	10.639	789	792	793 rVV2	269495	554432	5.73%	0.504%
70	10.696	796	797	798 rVV	214993	230690	2.38%	0.210%
71	10.788	800	805	808 rVV4	318767	1025323	10.59%	0.932%

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Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	10.845	808	810	811	rVV	276905	322296	3.33%	0.293%
73	10.879	811	813	816	rVV2	286792	484527	5.00%	0.440%
74	10.971	819	821	822	rVV	154801	174604	1.80%	0.159%
75	11.005	822	824	826	rVB2	147670	197255	2.04%	0.179%
76	11.074	828	830	833	rVV	344227	453354	4.68%	0.412%
77	11.119	833	834	837	rVB	836977	1019981	10.53%	0.927%
78	11.531	868	870	874	rBV	175143	208316	2.15%	0.189%
79	11.679	881	883	886	rVB2	200366	232416	2.40%	0.211%
80	11.897	899	902	904	rBV	214825	368314	3.80%	0.335%
81	12.708	970	973	975	rBV	3021333	2760605	28.51%	2.508%
82	13.622	1050	1053	1058	rBV	158965	233077	2.41%	0.212%
83	13.748	1062	1064	1067	rBV	796919	782325	8.08%	0.711%
84	15.108	1180	1183	1188	rBV	695429	800462	8.27%	0.727%

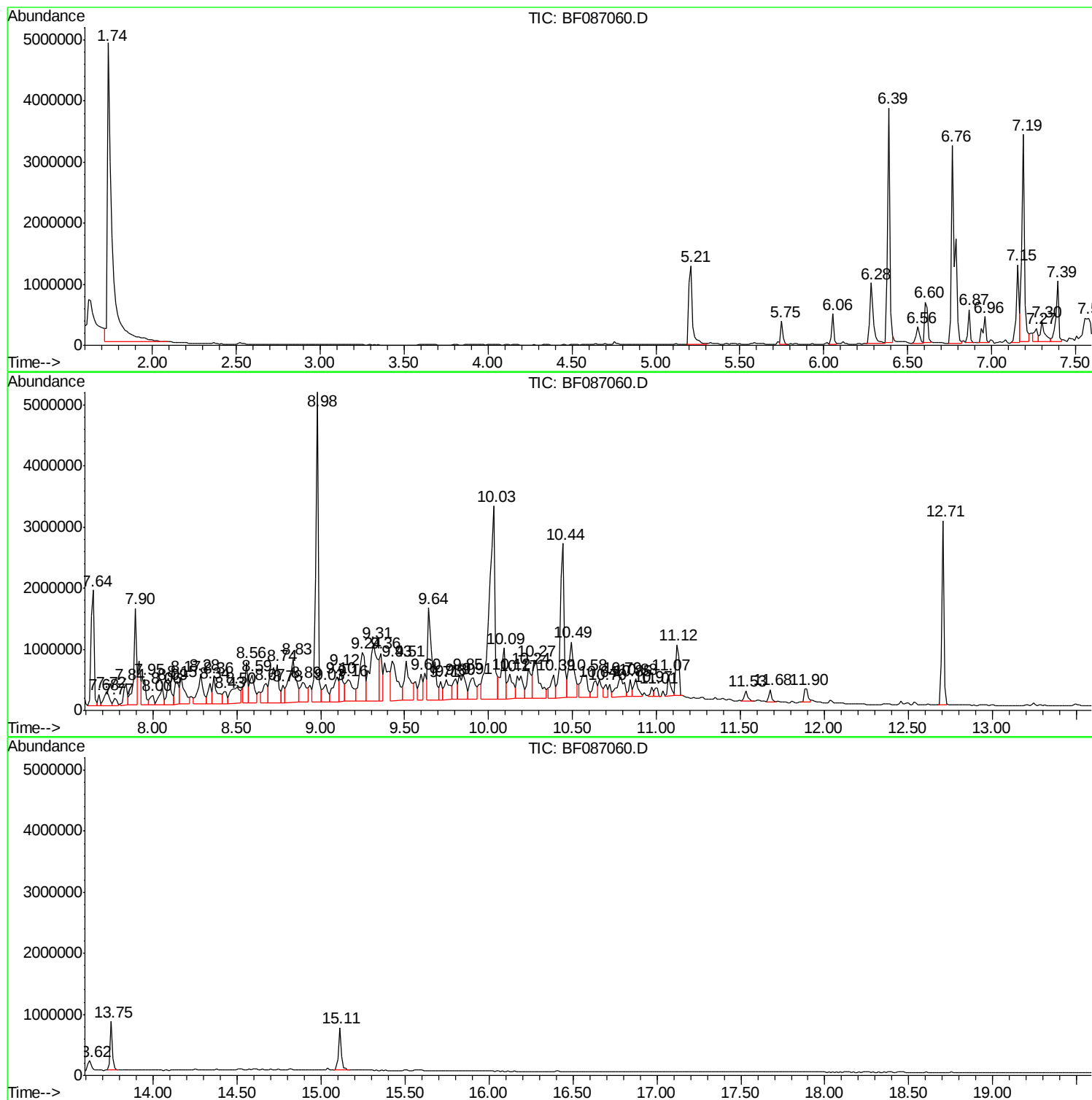
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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Misc :
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Instrument :
BNA_F
ClientSampleId :
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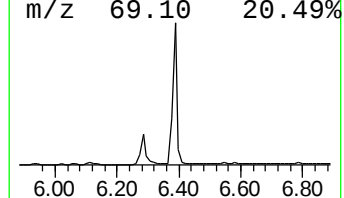
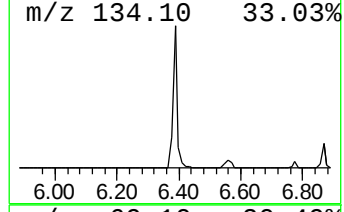
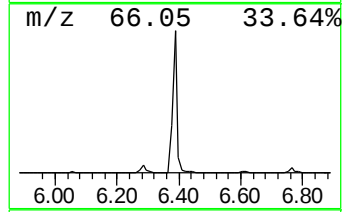
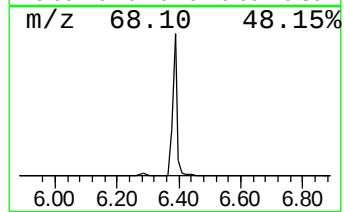
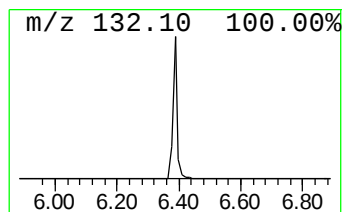
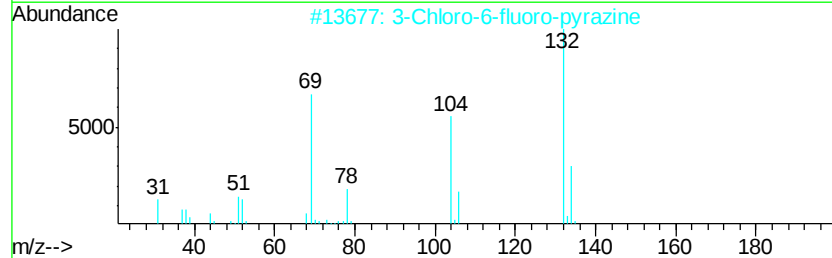
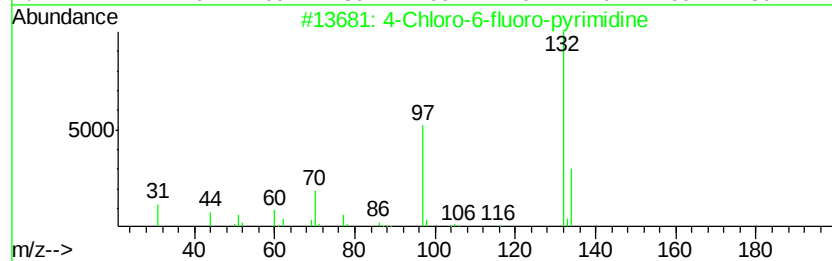
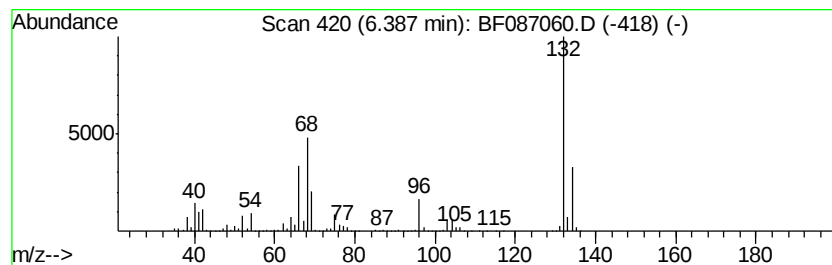
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.39 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	85.66 ng	3817660	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16



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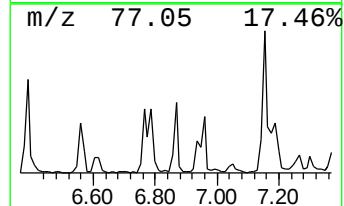
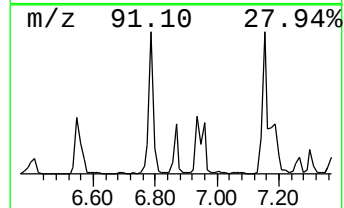
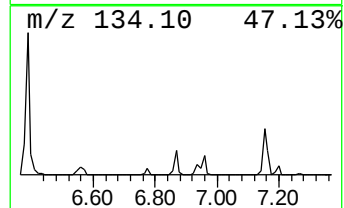
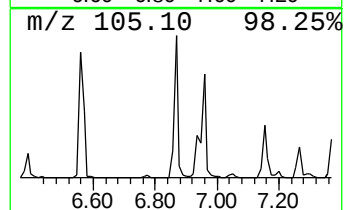
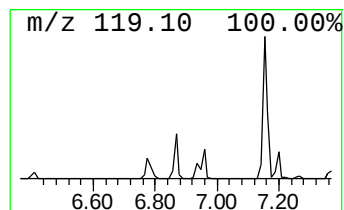
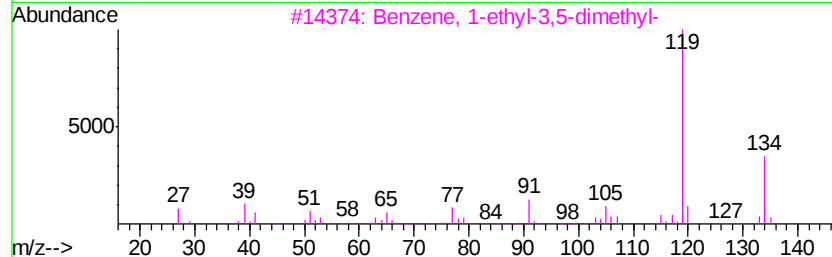
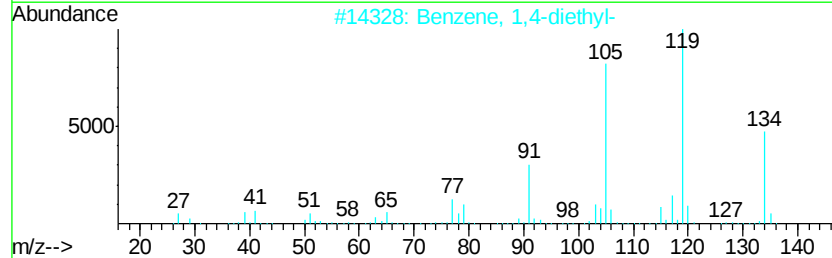
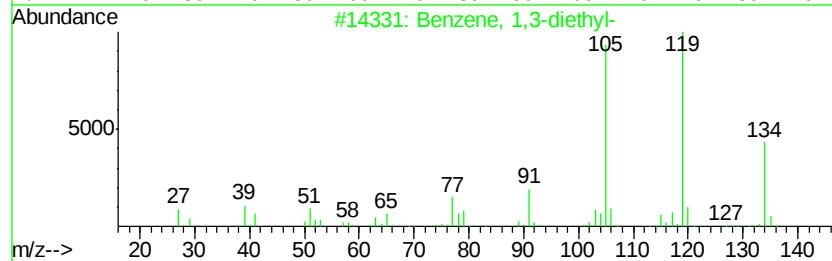
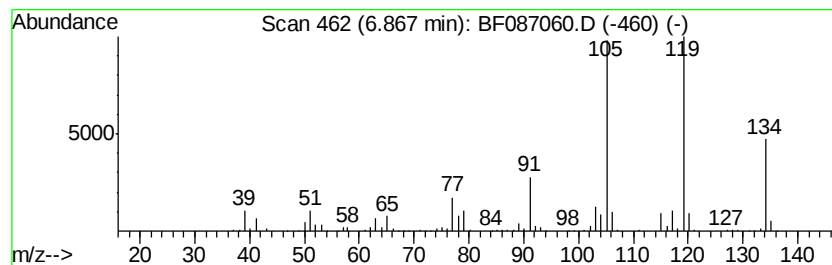
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	11.16 ng	497461	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	81



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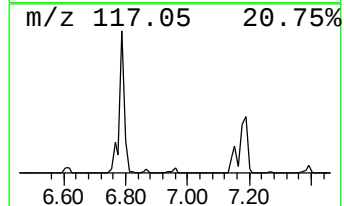
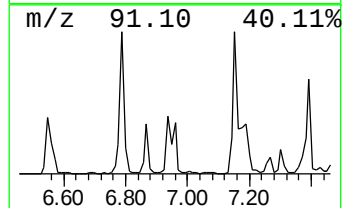
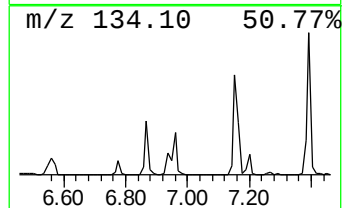
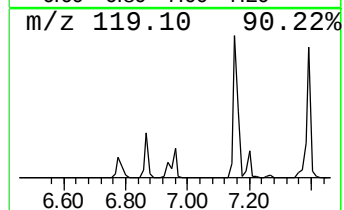
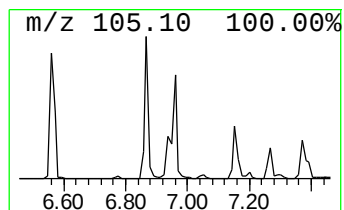
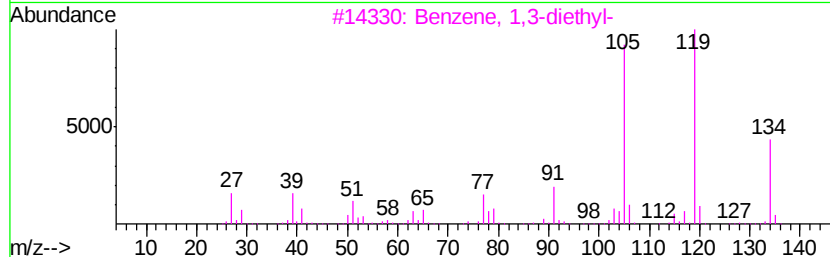
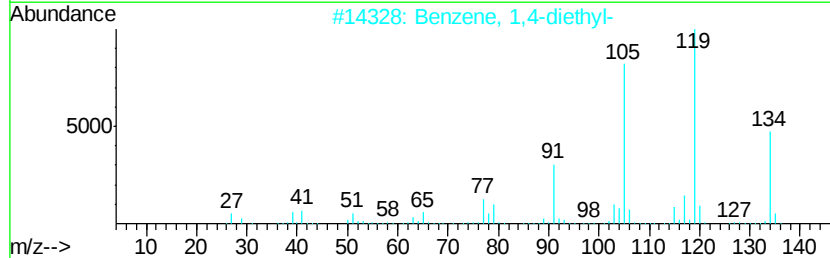
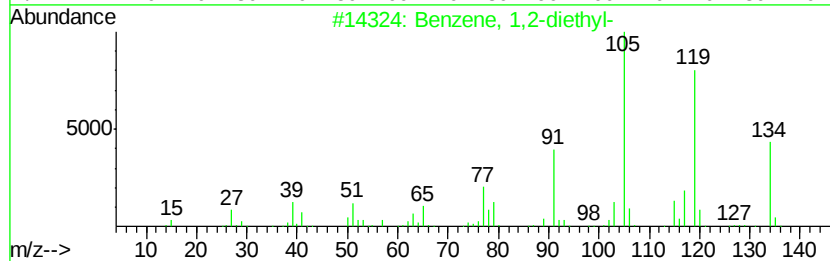
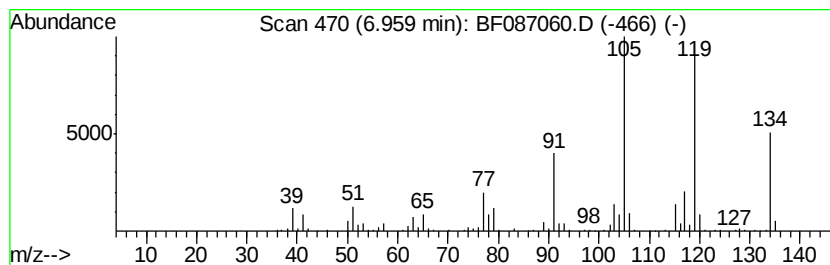
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	13.30 ng	592956	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81



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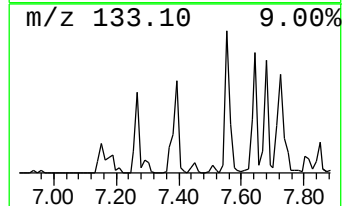
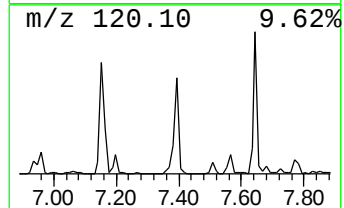
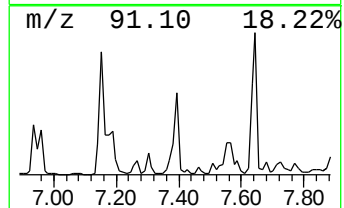
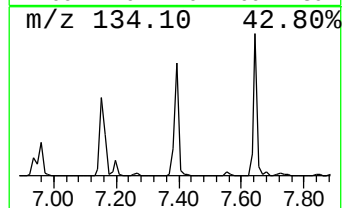
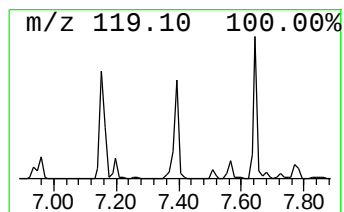
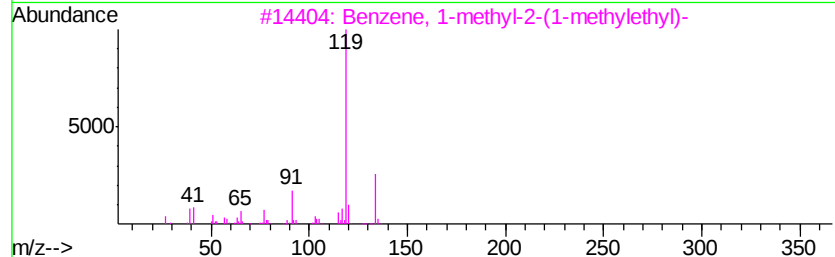
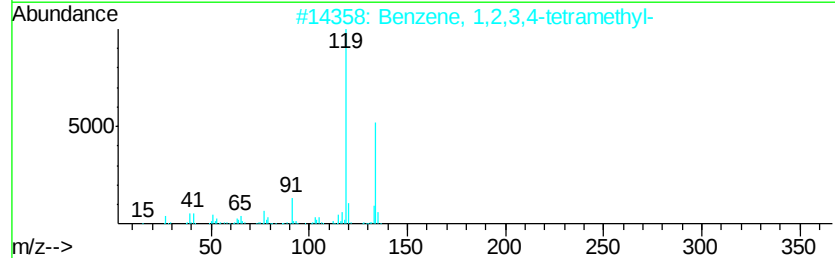
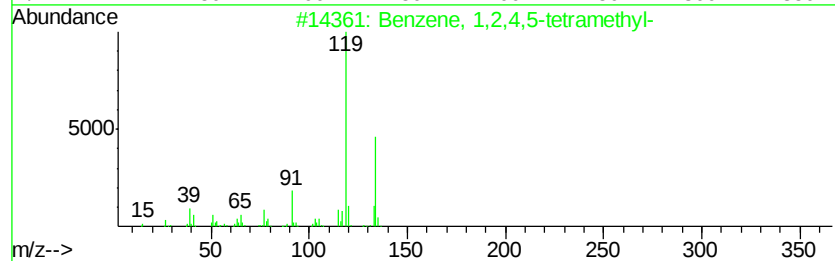
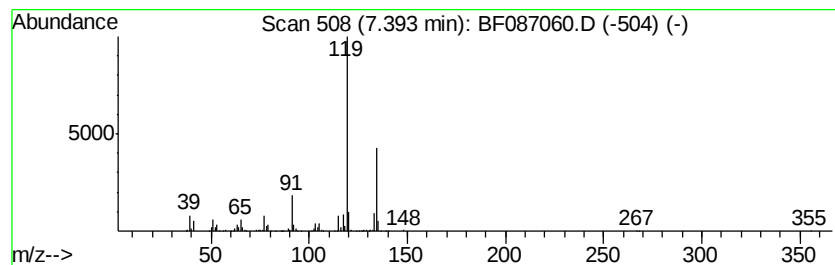
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	11.98 ng	1177800	Naphthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087060.D
Acq On : 15 May 2016 10:38
Operator : UM/SJ
Sample : H2966-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

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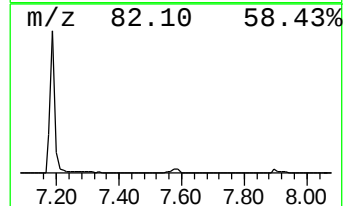
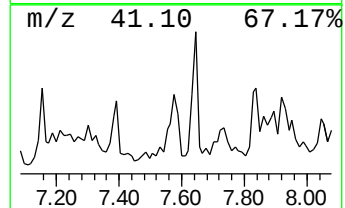
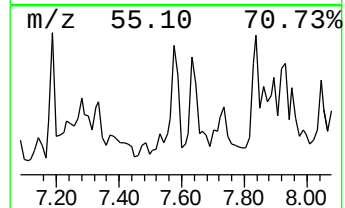
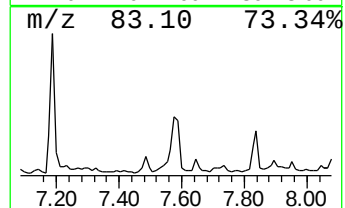
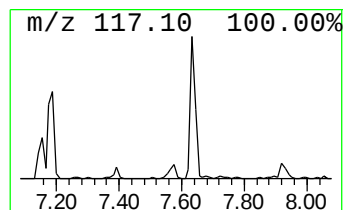
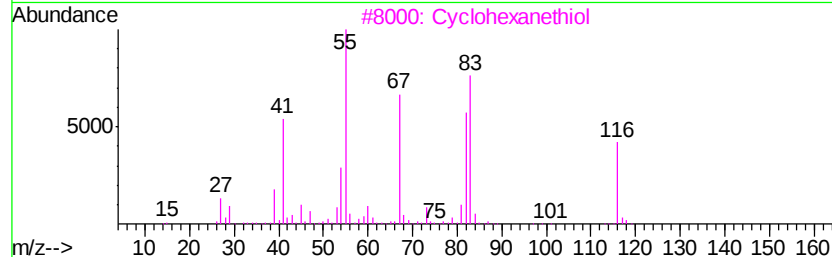
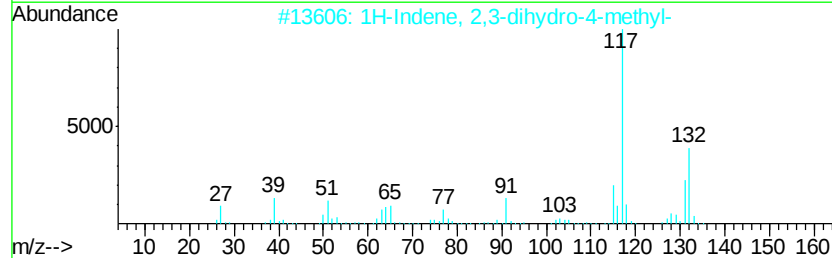
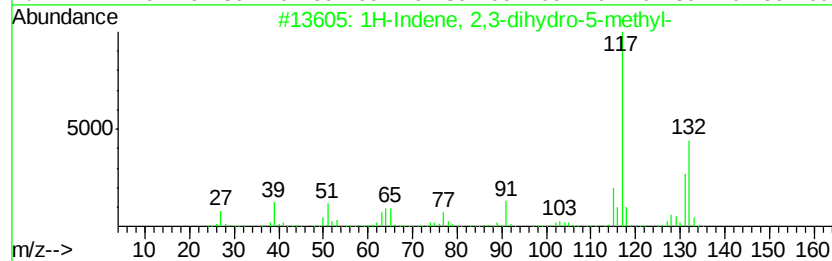
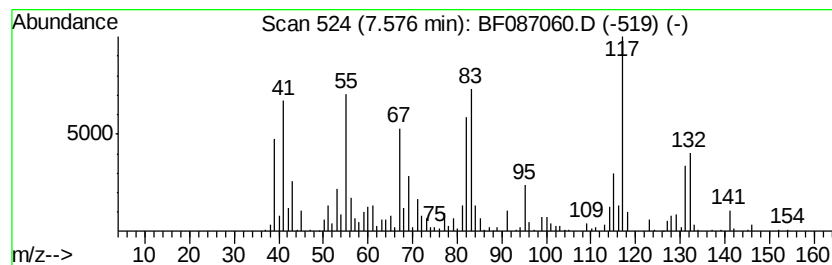
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.58 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	11.05 ng	1085950	Napthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	42
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	38
3		Cyclohexanethiol	116	C6H12S	001569-69-3	38
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	30
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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Acq On : 15 May 2016 10:38
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Misc :
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ClientSampleId :
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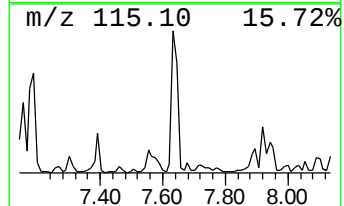
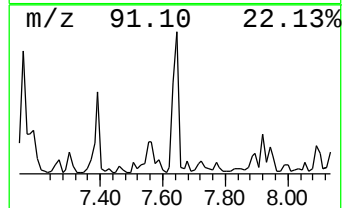
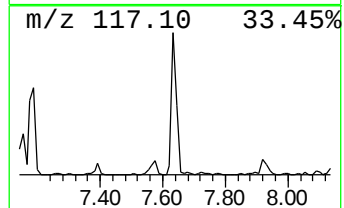
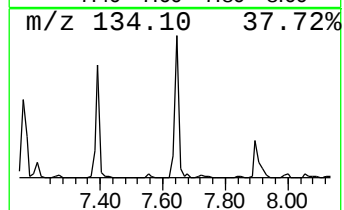
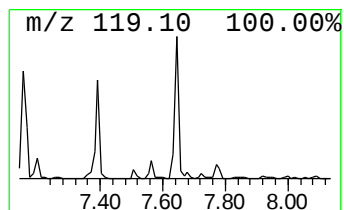
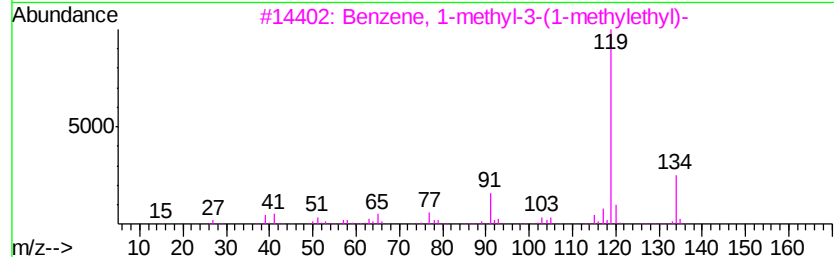
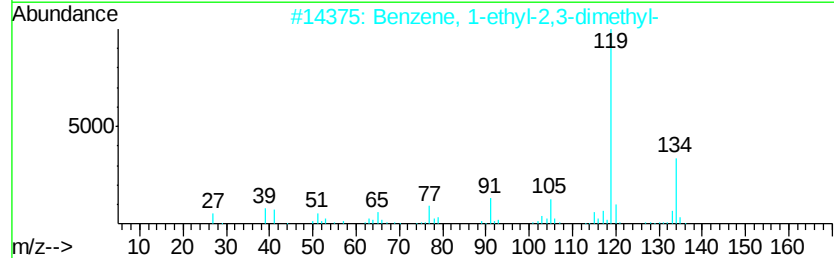
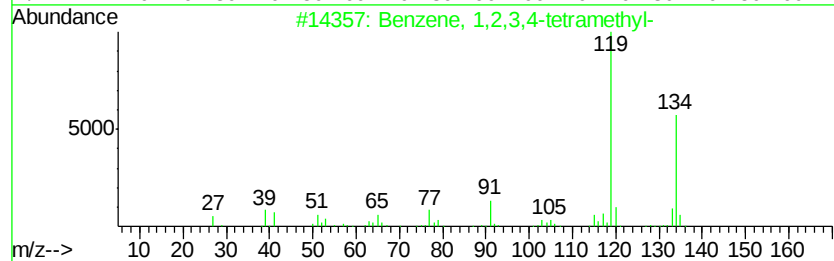
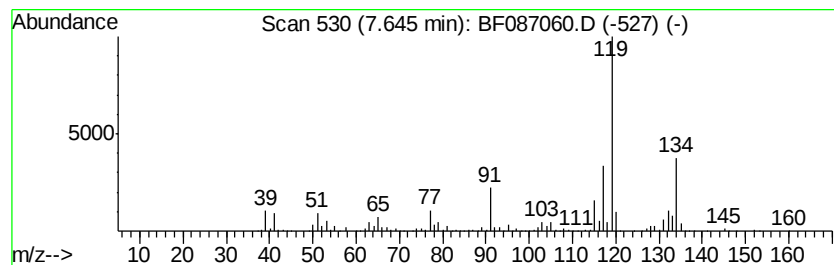
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	25.24 ng	2481390	Naphthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	76
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087060.D
Acq On : 15 May 2016 10:38
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Sample : H2966-06
Misc :
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ClientSampleId :
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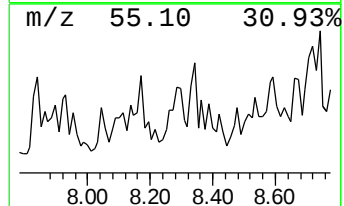
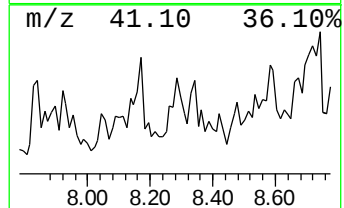
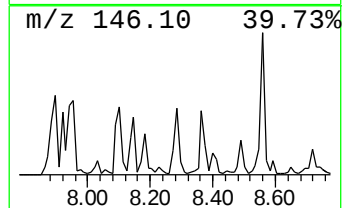
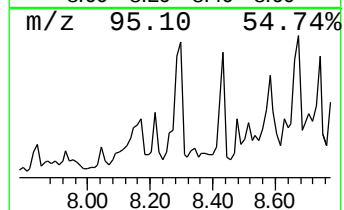
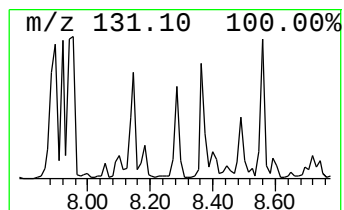
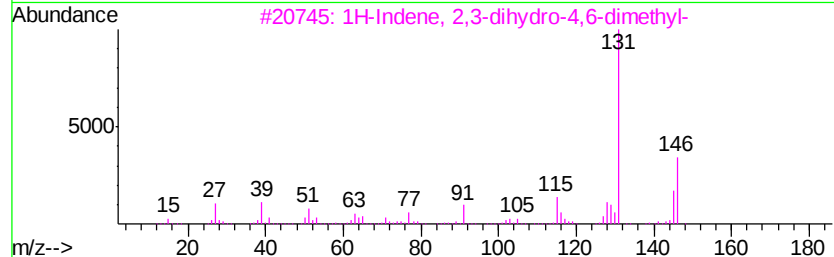
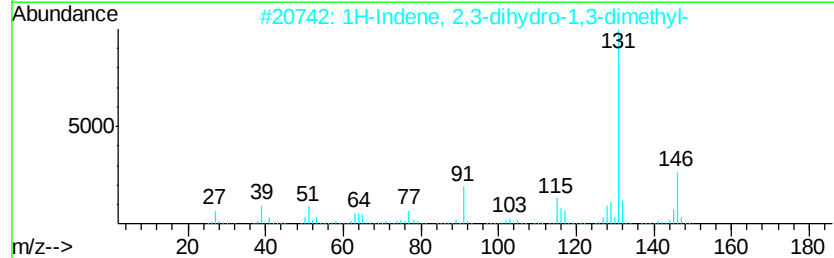
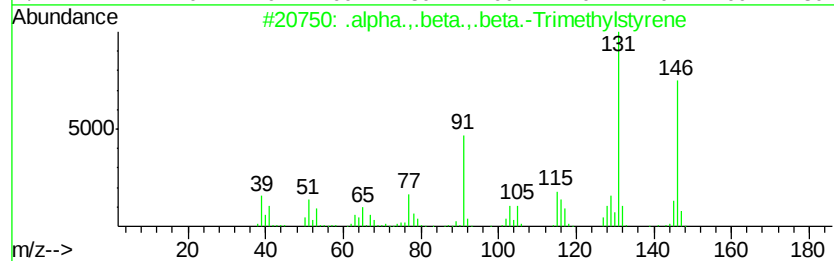
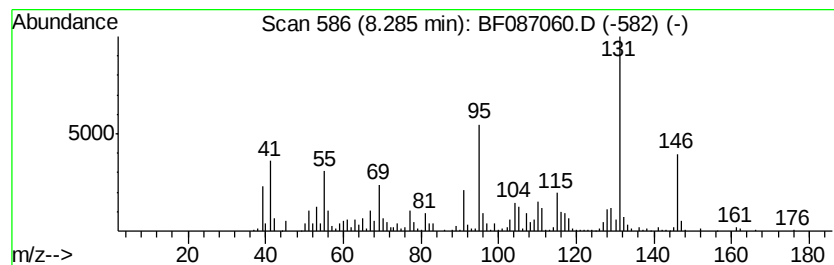
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 .alpha.,.beta.,.beta.-Trime... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	11.04 ng	1085370	Napthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	86
2		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
3		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	70
4		1H-Indene, 2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	70
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087060.D
Acq On : 15 May 2016 10:38
Operator : UM/SJ
Sample : H2966-06
Misc :
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Instrument :
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ClientSampleId :
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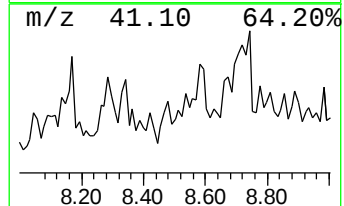
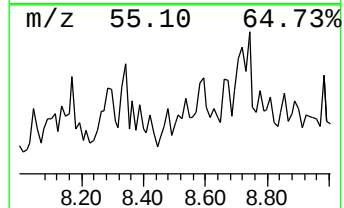
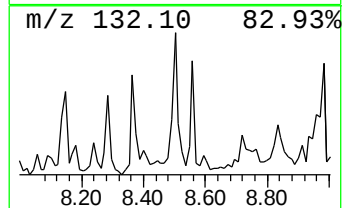
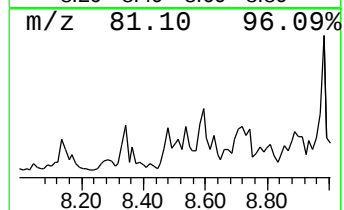
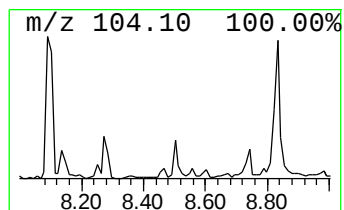
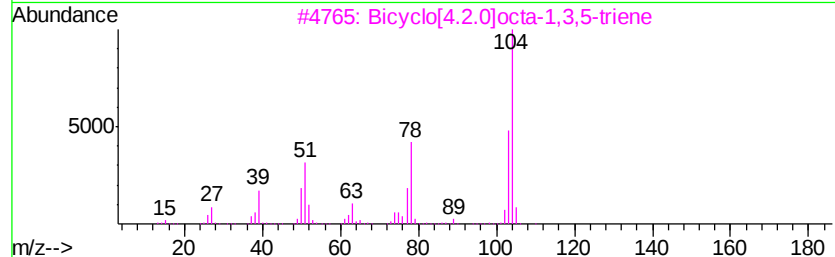
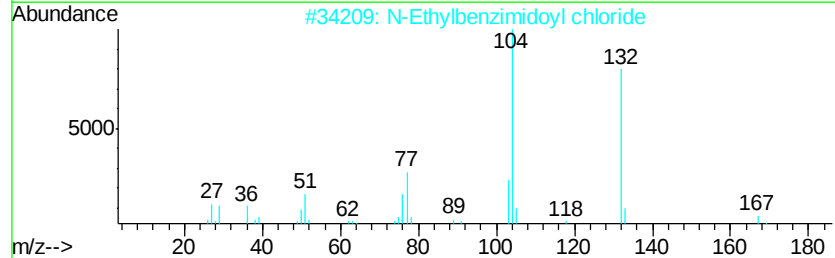
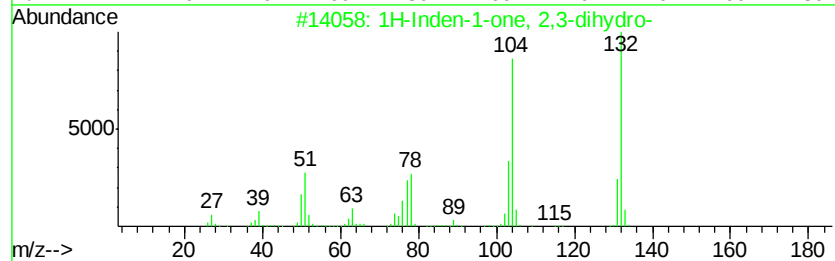
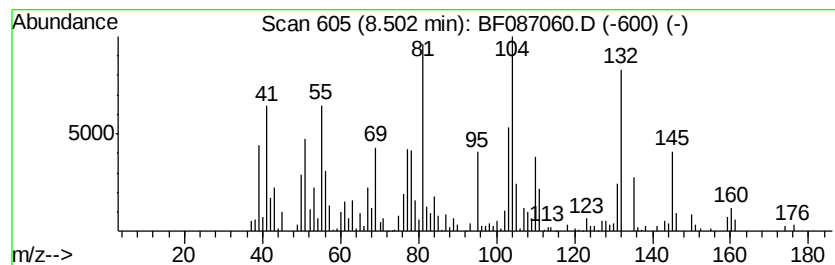
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	10.91 ng	1072820	Napthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	94
2		N-Ethylbenzimidoyl chloride	167	C9H10ClN	001006-93-5	27
3		Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	25
4		2-Propenyl-3-vinylloxirane	110	C7H10O	070597-49-8	22
5		Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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Acq On : 15 May 2016 10:38
Operator : UM/SJ
Sample : H2966-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

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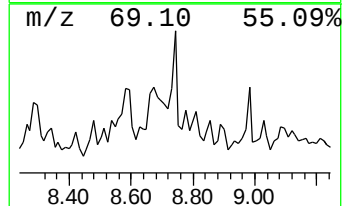
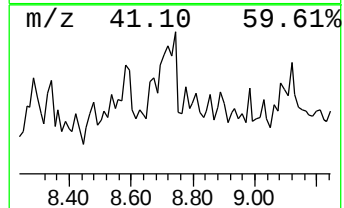
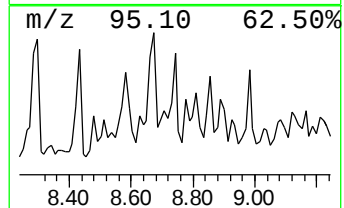
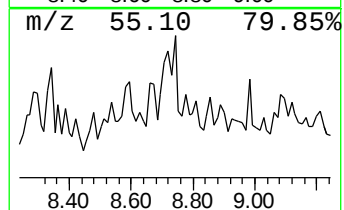
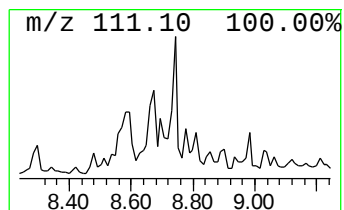
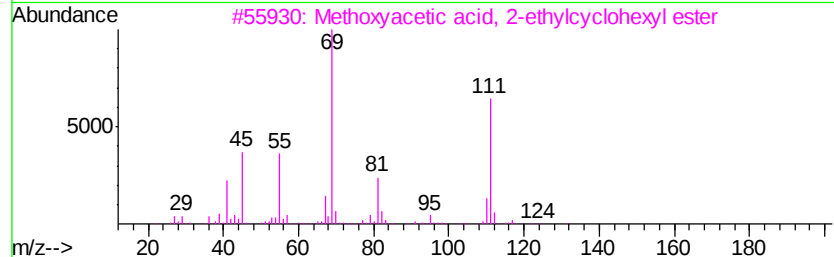
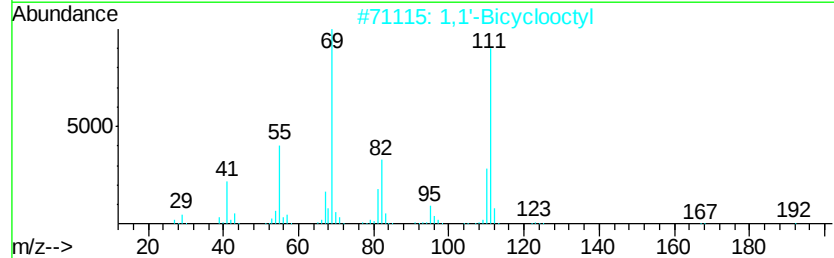
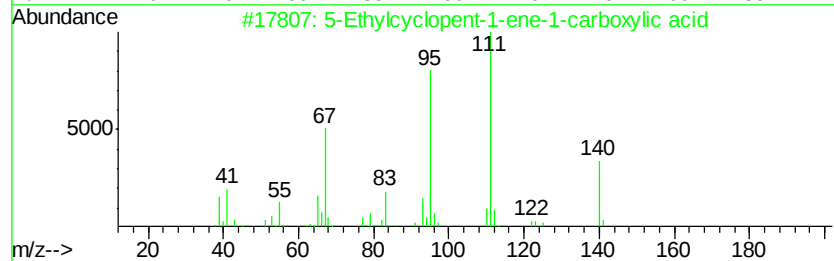
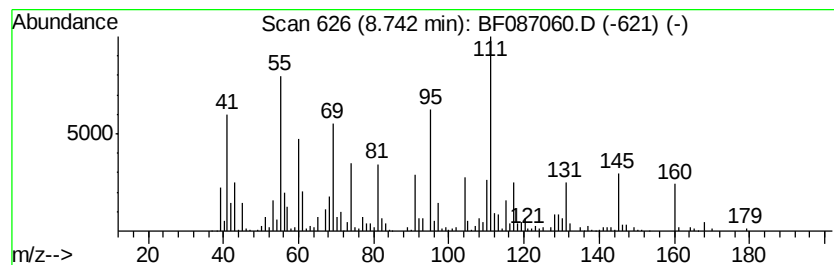
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown8.74 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	20.44 ng	2009330	Naphthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Ethylcyclopent-1-ene-1-carboxy...	140	C8H12O2	036258-07-8	27
2		1,1'-Bicyclooctyl	222	C16H30	006708-17-4	22
3		Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	22
4		Cycloheptanone, 3-butyl-	168	C11H20O	1000164-85-6	14
5		Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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Misc :
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ClientSampleId :
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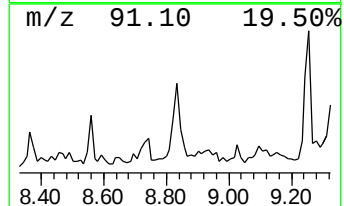
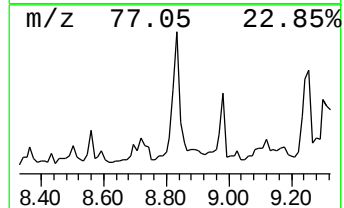
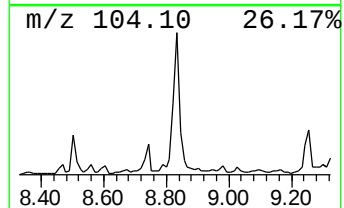
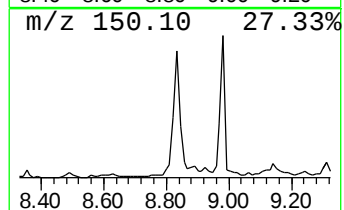
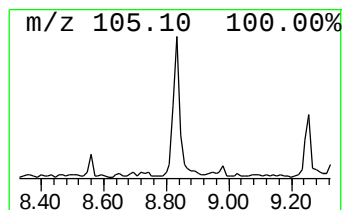
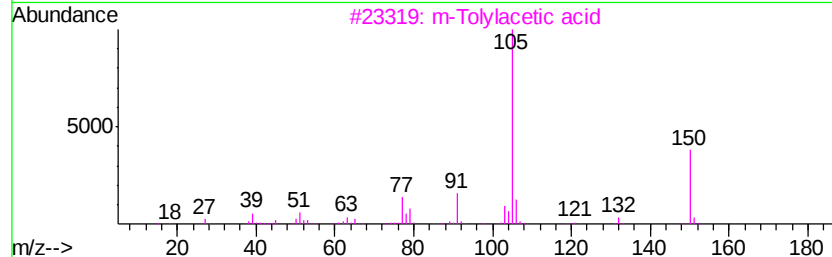
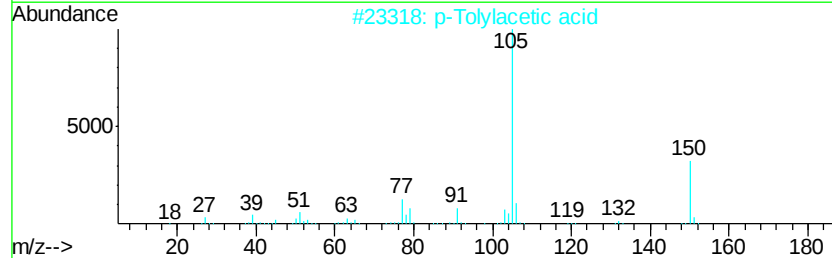
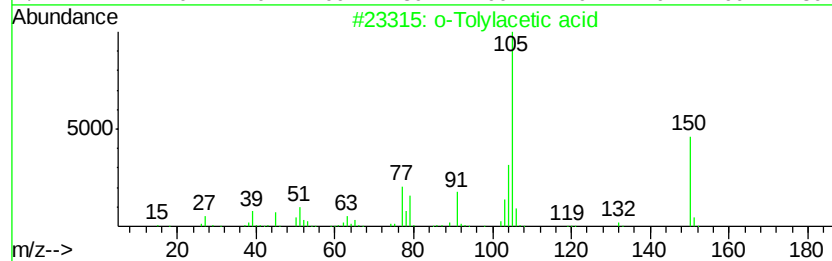
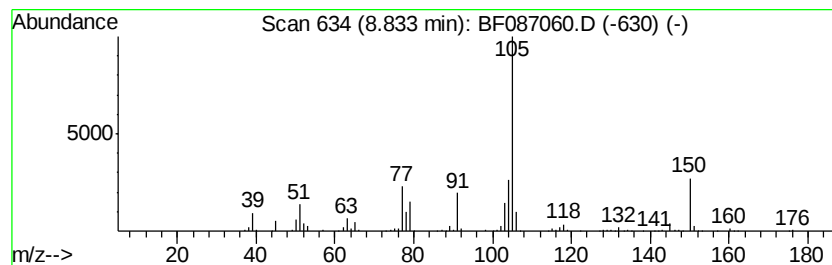
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 o-Tolylacetic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	15.00 ng	1964970	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Tolylacetic acid	150	C9H10O2	000644-36-0	95
2		p-Tolylacetic acid	150	C9H10O2	000622-47-9	81
3		m-Tolylacetic acid	150	C9H10O2	000621-36-3	81
4		Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	81
5		Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-26-5	76



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Misc :
ALS Vial : 26 Sample Multiplier: 1

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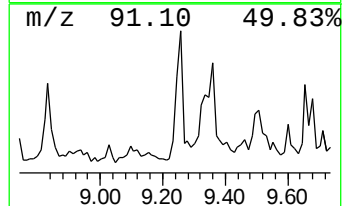
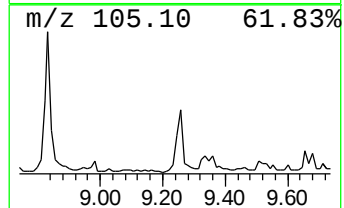
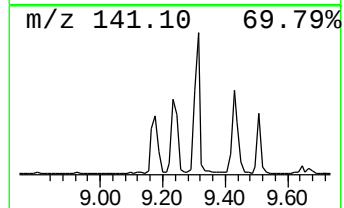
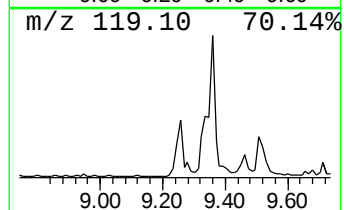
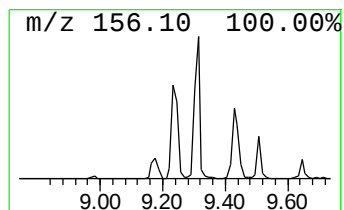
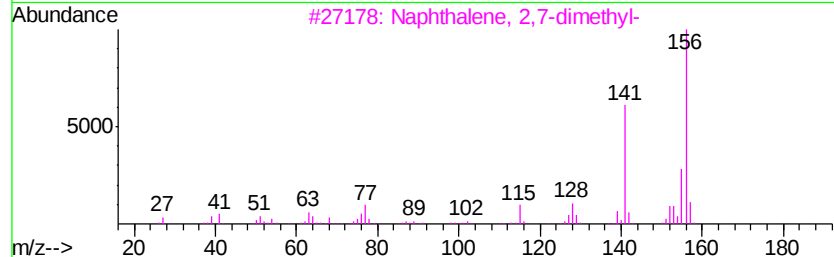
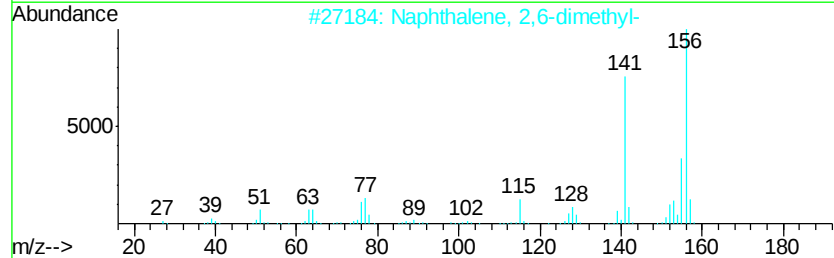
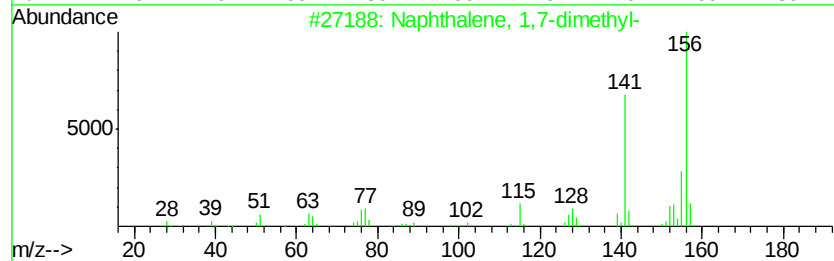
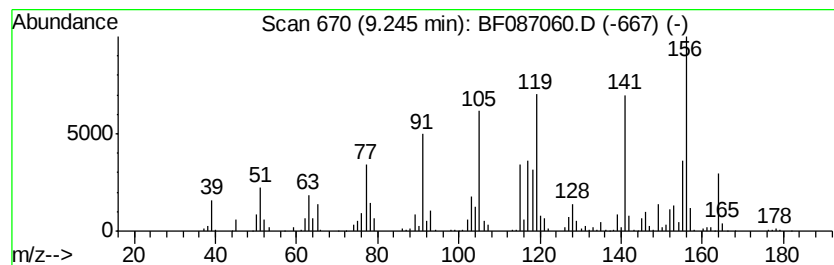
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	13.85 ng	1813830	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	92



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087060.D
Acq On : 15 May 2016 10:38
Operator : UM/SJ
Sample : H2966-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

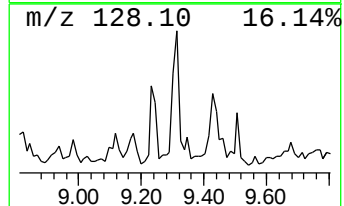
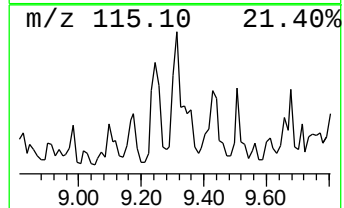
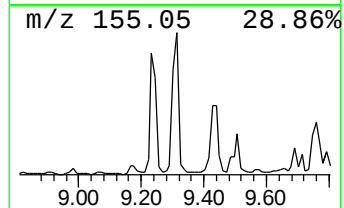
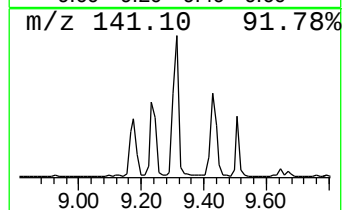
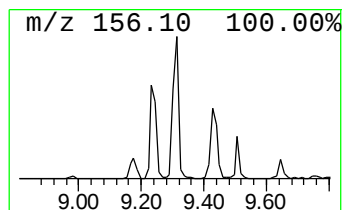
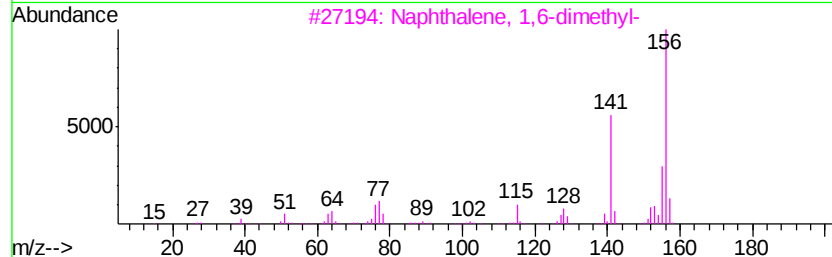
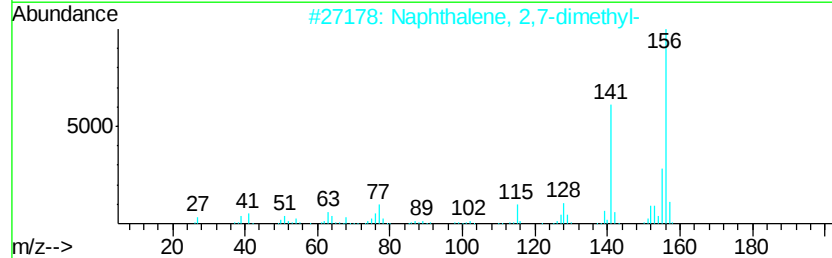
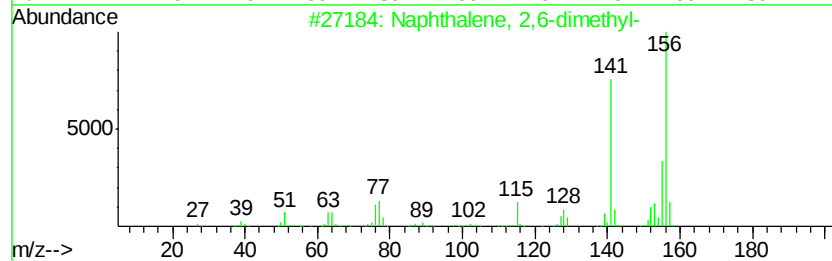
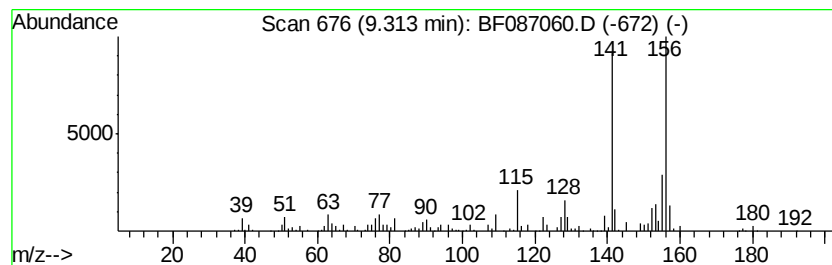
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	25.13 ng	3290910	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087060.D
Acq On : 15 May 2016 10:38
Operator : UM/SJ
Sample : H2966-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

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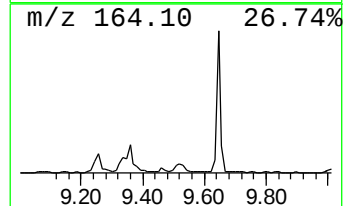
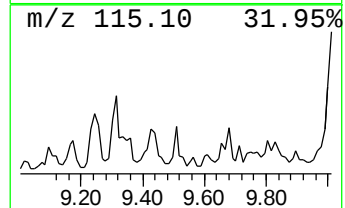
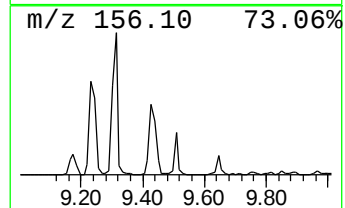
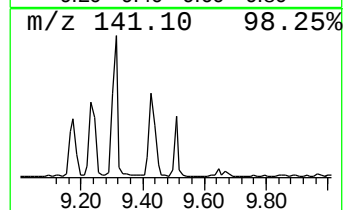
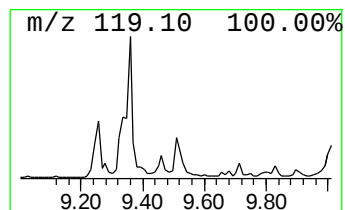
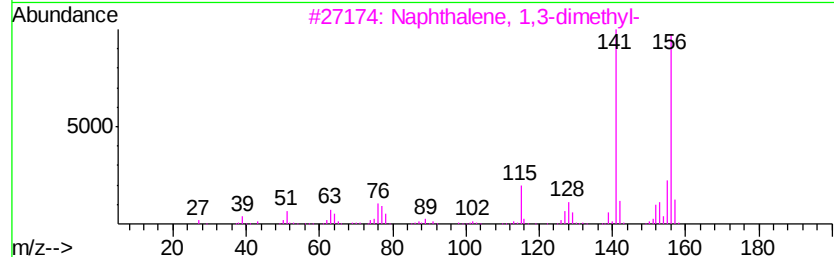
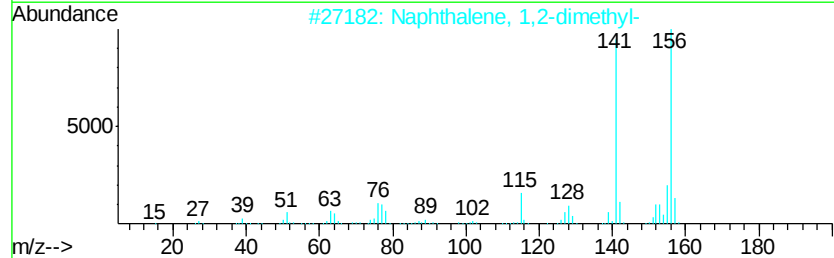
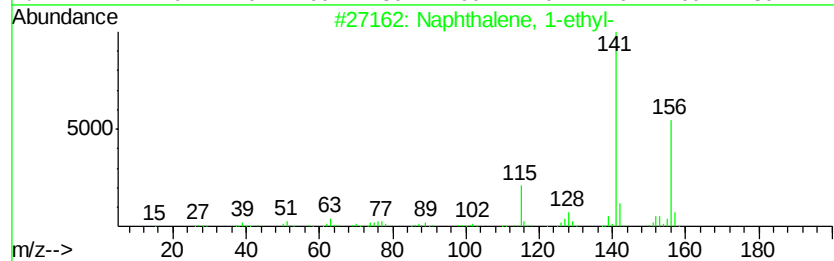
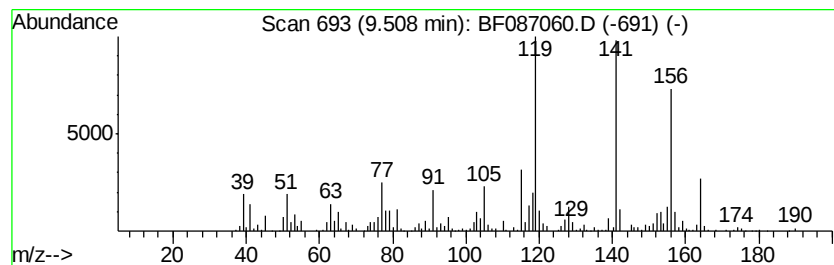
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	11.82 ng	1548150	Acenaphthene-d10	9.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	83
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	83
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	70
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087060.D
Acq On : 15 May 2016 10:38
Operator : UM/SJ
Sample : H2966-06
Misc :
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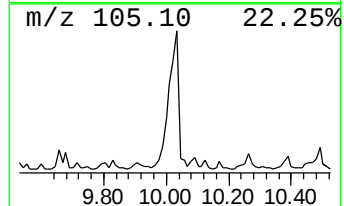
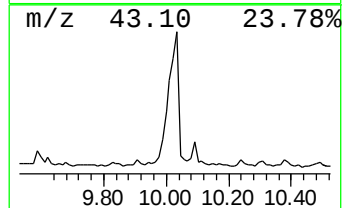
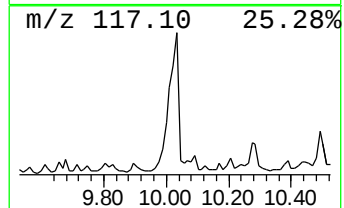
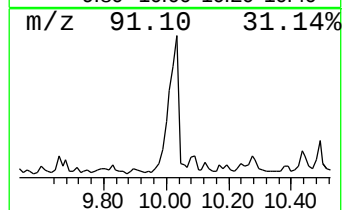
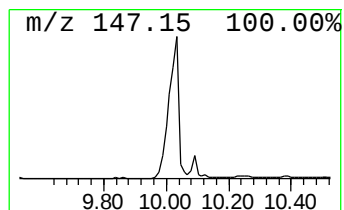
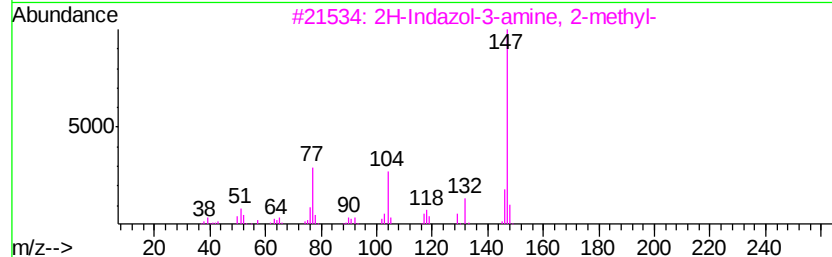
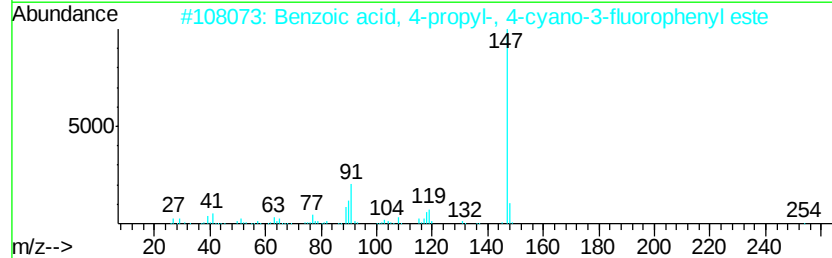
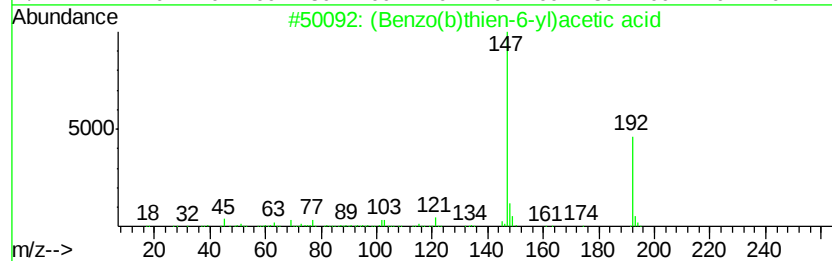
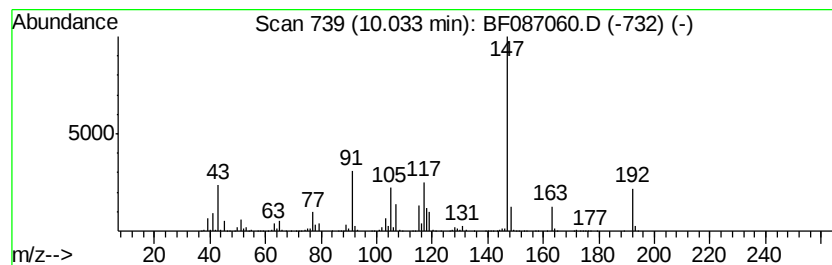
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown10.03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.03	58.56 ng	7669350	Acenaphthene-d10	9.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Benzo(b)thien-6-yl)acetic acid	192	C10H8O2S	006177-87-3	43
2	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FN02	086776-51-4	43
3	2H-Indazol-3-amine, 2-methyl-	147	C8H9N3	097990-19-7	43
4	Benzene, 1,3-bis(1-methylethyl)-	162	C12H18	000099-62-7	40
5	Benzo[b]furan-5-carboxylic acid,...	274	C15H11ClO3	1000268-06-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087060.D
Acq On : 15 May 2016 10:38
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Sample : H2966-06
Misc :
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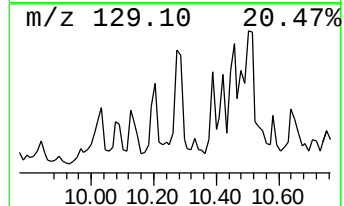
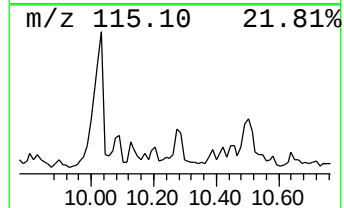
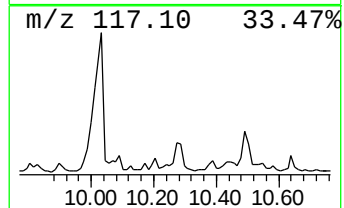
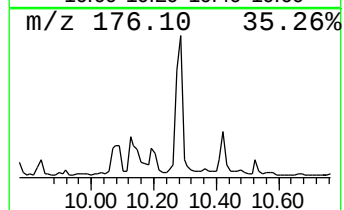
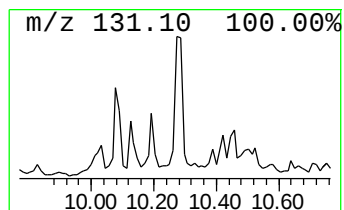
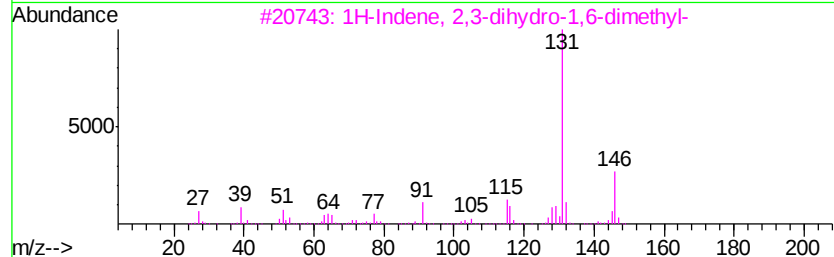
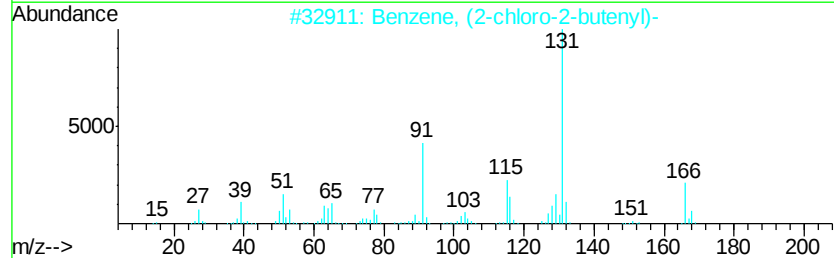
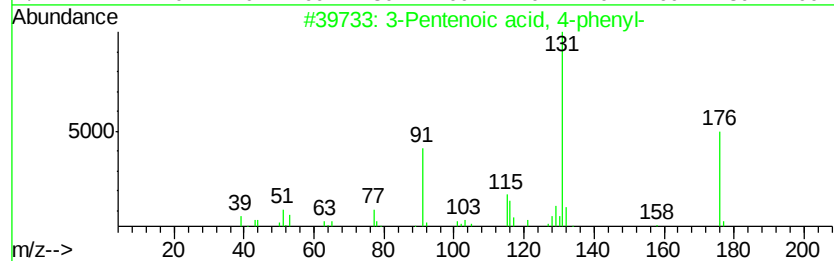
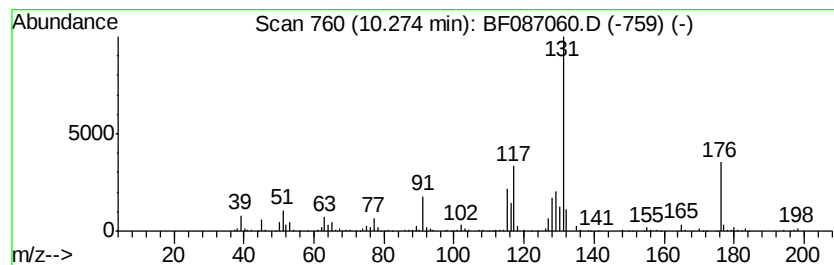
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 3-Pentenoic acid, 4-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	11.12 ng	1456350	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	64
2		Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	62
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	53
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	53
5		2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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ALS Vial : 26 Sample Multiplier: 1

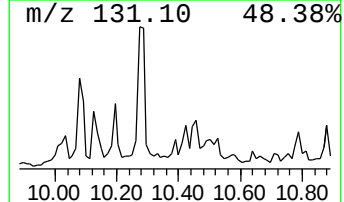
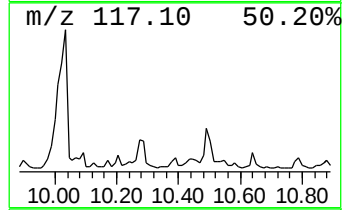
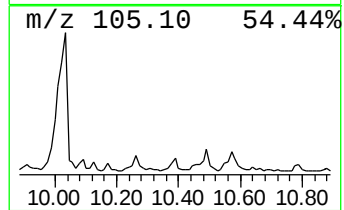
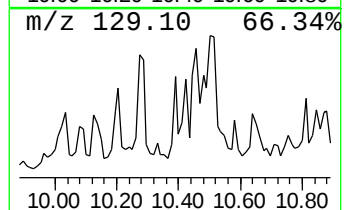
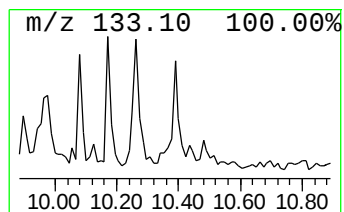
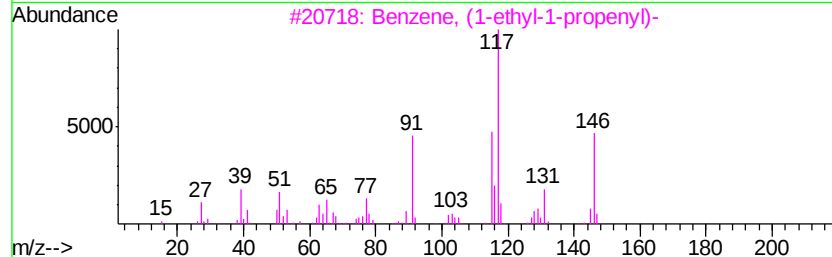
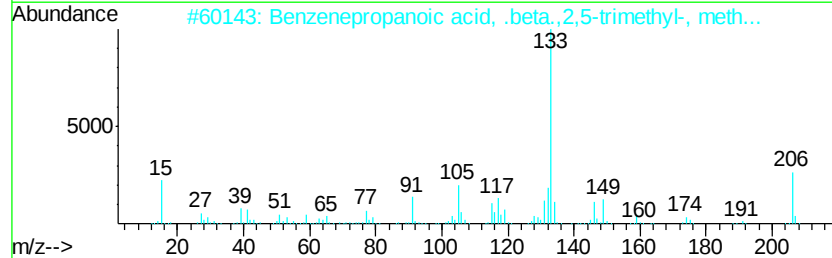
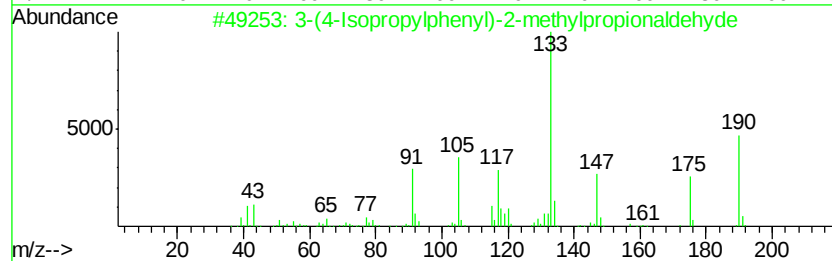
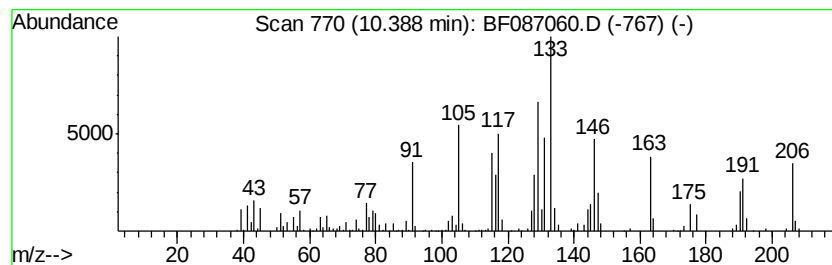
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown10.39 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	13.76 ng	701644	Phenanthrene-d10	11.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-(4-Isopropylphenyl)-2-methylpr...	190 C13H18O	000103-95-7	38
2	Benzenepropanoic acid, .beta.,2,...	206 C13H18O2	055683-09-5	22
3	Benzene, (1-ethyl-1-propenyl)-	146 C11H14	004701-36-4	15
4	1H-Imidazole, 4,5-dihydro-2-phenyl-	146 C9H10N2	000936-49-2	15
5	2-Butenoic acid, 4-phenyl-, ethy...	190 C12H14O2	054966-42-6	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087060.D
Acq On : 15 May 2016 10:38
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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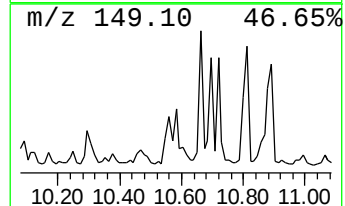
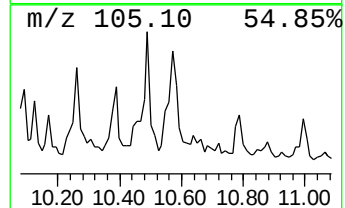
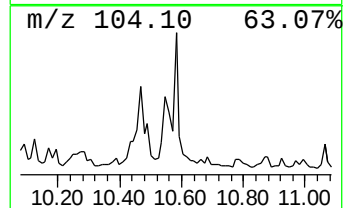
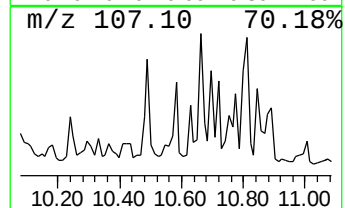
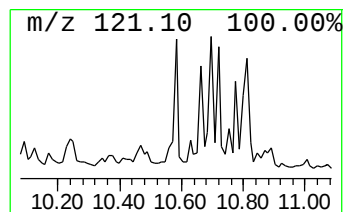
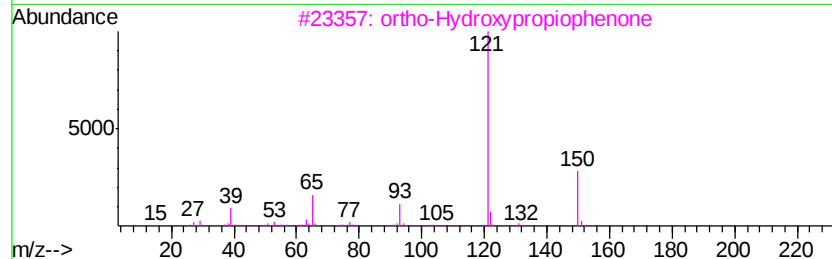
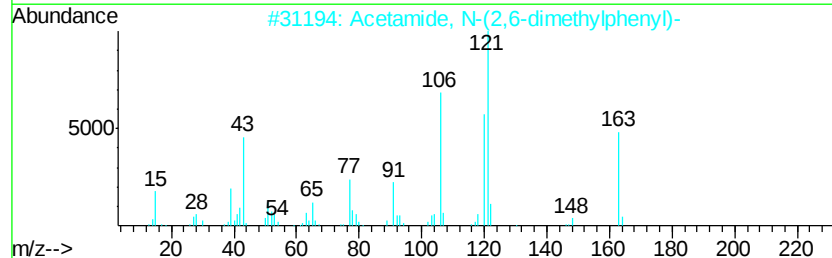
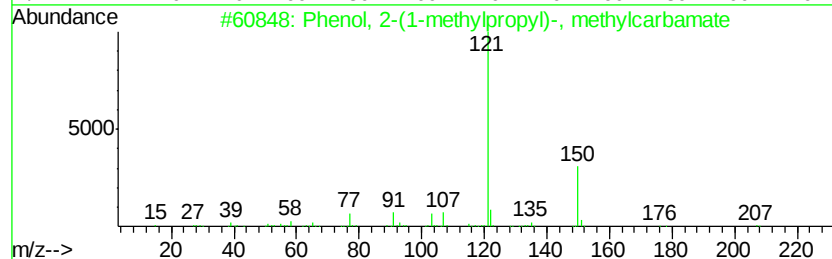
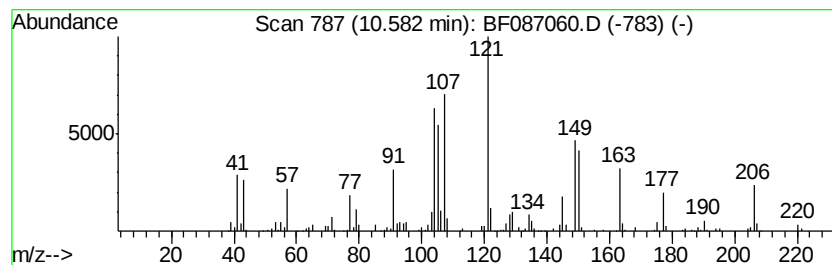
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown10.58 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	20.44 ng	1042170	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-(1-methylpropyl)-, met...	207	C12H17NO2	003766-81-2	27
2		Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	22
3		ortho-Hydroxypropiophenone	150	C9H10O2	000610-99-1	22
4		Acetamide, N-methyl-N-(4-methylp...	163	C10H13NO	000612-03-3	18
5		2-Acetamidotropone	163	C9H9NO2	006422-12-4	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087060.D
Acq On : 15 May 2016 10:38
Operator : UM/SJ
Sample : H2966-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

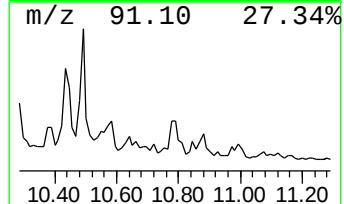
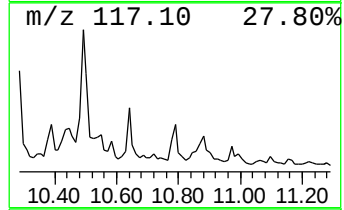
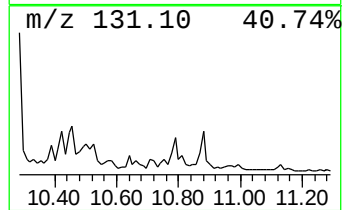
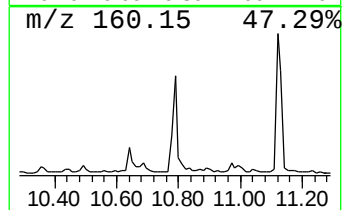
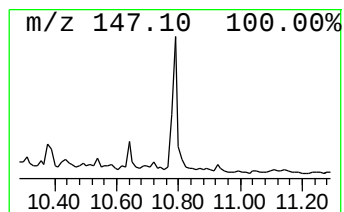
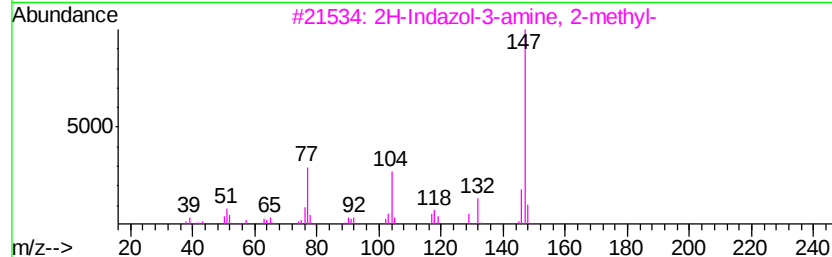
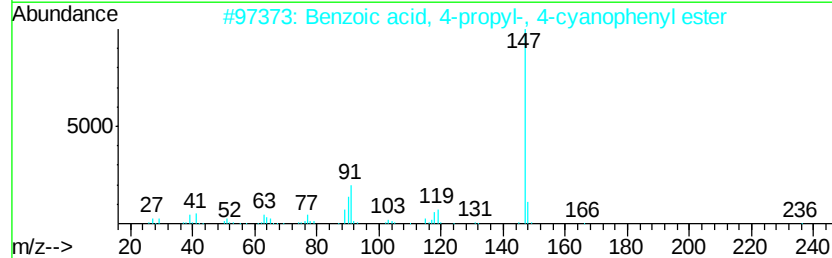
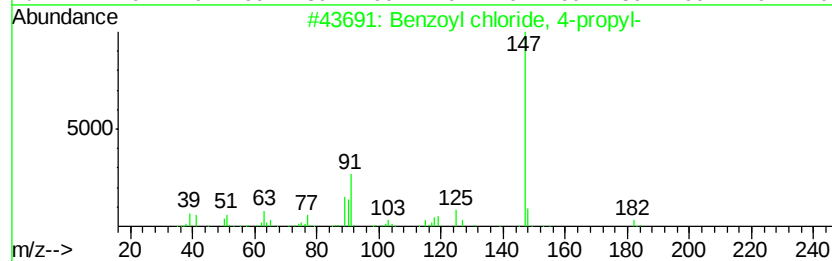
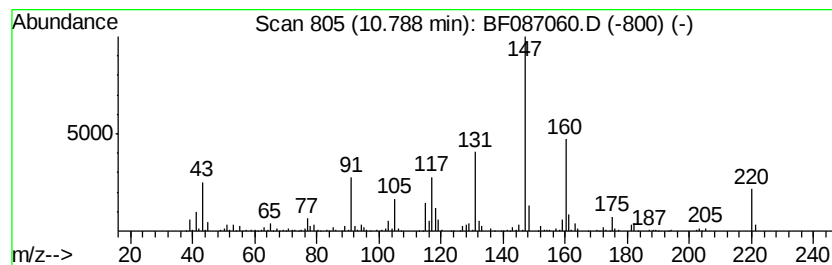
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown10.79 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	20.10 ng	1025320	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoyl chloride, 4-propyl-	182	C10H11ClO	052710-27-7	41
2		Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	35
3		2H-Indazol-3-amine, 2-methyl-	147	C8H9N3	097990-19-7	27
4		Benzene, 1,2-diethyl-3,4-dimethyl-	162	C12H18	054410-75-2	27
5		Benzene, 1,2,4-trimethyl-5-(1-me...	162	C12H18	010222-95-4	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087060.D
 Acq On : 15 May 2016 10:38
 Operator : UM/SJ
 Sample : H2966-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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
unknown6.39	6.39	85.7	ng	3817660	1	6.62	891395	20.0
Benzene, 1,3-diet...	6.87	11.2	ng	497461	1	6.62	891395	20.0
Benzene, 1,2-diet...	6.96	13.3	ng	592956	1	6.62	891395	20.0
Benzene, 1,2,4,5-...	7.39	12.0	ng	1177800	2	7.90	1966130	20.0
unknown7.58	7.58	11.1	ng	1085950	2	7.90	1966130	20.0
Benzene, 1,2,3,4-...	7.64	25.2	ng	2481390	2	7.90	1966130	20.0
.alpha.,.beta.,.b...	8.28	11.0	ng	1085370	2	7.90	1966130	20.0
1H-Inden-1-one, 2...	8.50	10.9	ng	1072820	2	7.90	1966130	20.0
unknown8.74	8.74	20.4	ng	2009330	2	7.90	1966130	20.0
o-Tolylacetic acid	8.83	15.0	ng	1964970	3	9.64	2619220	20.0
Naphthalene, 1,7-...	9.24	13.9	ng	1813830	3	9.64	2619220	20.0
Naphthalene, 2,6-...	9.31	25.1	ng	3290910	3	9.64	2619220	20.0
Naphthalene, 1-et...	9.51	11.8	ng	1548150	3	9.64	2619220	20.0
unknown10.03	10.03	58.6	ng	7669350	3	9.64	2619220	20.0
3-Pentenoic acid, ...	10.27	11.1	ng	1456350	3	9.64	2619220	20.0
unknown10.39	10.39	13.8	ng	701644	4	11.12	1019980	20.0
unknown10.58	10.58	20.4	ng	1042170	4	11.12	1019980	20.0
unknown10.79	10.79	20.1	ng	1025320	4	11.12	1019980	20.0