

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086744.D
 Acq On : 7 May 2016 00:52
 Operator : UM/SJ
 Sample : H2770-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW16

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-BF050416.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	4.887	244	245	253	rBV	120529	229758	3.96%	0.256%
2	5.310	280	282	290	rBV	2600769	2695030	46.40%	2.999%
3	5.721	317	318	326	rVB3	31991	68805	1.18%	0.077%
4	5.859	326	330	333	rBV	93834	166093	2.86%	0.185%
5	6.156	354	356	359	rVB	120122	118327	2.04%	0.132%
6	6.316	368	370	372	rBV	49436	77964	1.34%	0.087%
7	6.361	372	374	382	rVV	1532350	1751842	30.16%	1.950%
8	6.476	382	384	387	rBV	3726329	4618380	79.52%	5.140%
9	6.659	397	400	402	rBV2	104635	207316	3.57%	0.231%
10	6.704	402	404	410	rVB	1233841	1225246	21.10%	1.364%
11	6.784	410	411	415	rVB	64305	80195	1.38%	0.089%
12	6.864	415	418	422	rBV2	4442179	5808097	100.00%	6.464%
13	6.956	424	426	428	rVB	152836	151277	2.60%	0.168%
14	7.047	431	434	437	rBV3	121254	297404	5.12%	0.331%
15	7.173	442	445	447	rVB2	96055	168629	2.90%	0.188%
16	7.242	448	451	452	rBV2	494638	637529	10.98%	0.709%
17	7.276	452	454	456	rVV	3040091	4258907	73.33%	4.740%
18	7.310	456	457	460	rVB3	192024	199529	3.44%	0.222%
19	7.356	460	461	463	rVB2	67222	79123	1.36%	0.088%
20	7.402	463	465	466	rBV	137275	155766	2.68%	0.173%
21	7.436	466	468	469	rVB2	71773	62004	1.07%	0.069%
22	7.482	469	472	475	rVB	492130	538302	9.27%	0.599%
23	7.664	484	488	491	rVB	954929	1214140	20.90%	1.351%
24	7.733	491	494	496	rBV	1242255	1585304	27.29%	1.764%
25	7.824	498	502	505	rVB3	165237	440859	7.59%	0.491%
26	7.882	505	507	509	rBV2	95797	133354	2.30%	0.148%
27	7.996	509	517	520	rBV2	1468732	3846041	66.22%	4.280%
28	8.144	526	530	532	rVB4	337068	568154	9.78%	0.632%
29	8.190	532	534	535	rBV	394629	471222	8.11%	0.524%
30	8.247	536	539	540	rVV	407953	745165	12.83%	0.829%
31	8.270	540	541	544	rVB3	555934	642947	11.07%	0.716%
32	8.316	544	545	546	rVB	227191	155739	2.68%	0.173%
33	8.384	548	551	553	rBV2	624890	1169759	20.14%	1.302%
34	8.464	553	558	560	rBV2	969777	1427995	24.59%	1.589%

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35	8.499	560	561	562 rVB	311812	213903	3.68%	0.238%
36	8.533	562	564	567 rVB3	236620	276561	4.76%	0.308%
37	8.590	567	569	571 rBV2	503601	721933	12.43%	0.803%
38	8.659	571	575	576 rBV3	564466	816794	14.06%	0.909%
39	8.693	576	578	580 rVB2	456514	608532	10.48%	0.677%
40	8.739	580	582	584 rBV3	275233	554676	9.55%	0.617%
41	8.807	584	588	590 rBV	2853773	4052056	69.77%	4.509%
42	8.853	590	592	594 rVB3	422032	655213	11.28%	0.729%
43	8.887	594	595	596 rBV	317042	424040	7.30%	0.472%
44	8.933	596	599	601 rVB3	515760	819496	14.11%	0.912%
45	9.025	603	607	608 rVB4	339951	689127	11.86%	0.767%
46	9.070	608	611	613 rBV	4498297	5639669	97.10%	6.276%
47	9.105	613	614	617 rVB3	428630	423131	7.29%	0.471%
48	9.207	620	623	624 rBV3	288890	619543	10.67%	0.689%
49	9.242	624	626	627 rBV	539161	646714	11.13%	0.720%
50	9.276	627	629	630 rVB	633102	662571	11.41%	0.737%
51	9.333	630	634	636 rVB2	1069249	1555498	26.78%	1.731%
52	9.402	636	640	642 rBV3	1721189	3174340	54.65%	3.533%
53	9.516	647	650	653 rVV4	732305	1873690	32.26%	2.085%
54	9.562	653	654	656 rVB	323162	439656	7.57%	0.489%
55	9.596	656	657	659 rBV	389734	603543	10.39%	0.672%
56	9.642	659	661	662 rVB	182897	183532	3.16%	0.204%
57	9.745	667	670	671 rBV	1837266	2143607	36.91%	2.386%
58	9.779	671	673	675 rVB2	458894	624541	10.75%	0.695%
59	9.825	675	677	679 rBV2	593737	644588	11.10%	0.717%
60	9.859	679	680	682 rBV2	418494	361399	6.22%	0.402%
61	9.893	682	683	686 rBV3	358906	425824	7.33%	0.474%
62	9.950	686	688	692 rVB3	547861	901820	15.53%	1.004%
63	10.019	692	694	696 rVB3	210808	201814	3.47%	0.225%
64	10.065	696	698	699 rBV	827336	833117	14.34%	0.927%
65	10.156	704	706	708 rVB3	764885	1189117	20.47%	1.323%
66	10.259	714	715	716 rVB	515099	353100	6.08%	0.393%
67	10.293	716	718	720 rVV3	336662	506052	8.71%	0.563%
68	10.362	722	724	726 rBV2	1003903	1566993	26.98%	1.744%
69	10.396	726	727	733 rVB5	720425	1596838	27.49%	1.777%
70	10.488	733	735	736 rBV2	338182	508572	8.76%	0.566%
71	10.545	737	740	744 rVB4	2825217	4763776	82.02%	5.301%

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72	10.693	752	753	756	rBV3	253477	474734	8.17%	0.528%
73	10.739	756	757	759	rVB	313606	239568	4.12%	0.267%
74	10.956	774	776	777	rBV2	276229	449498	7.74%	0.500%
75	11.219	797	799	803	rBV	1050355	1741755	29.99%	1.938%
76	11.288	803	805	806	rVB2	264785	248000	4.27%	0.276%
77	11.345	809	810	813	rVB2	332942	484707	8.35%	0.539%
78	11.653	835	837	840	rBV2	443447	669128	11.52%	0.745%
79	11.791	847	849	851	rVB2	549116	550864	9.48%	0.613%
80	12.556	914	916	919	rVB	499342	520006	8.95%	0.579%
81	12.808	936	938	941	rVB	3488433	4009275	69.03%	4.462%
82	13.425	990	992	994	rVB	99203	138668	2.39%	0.154%
83	13.699	1014	1016	1025	rVB	188475	333197	5.74%	0.371%
84	13.848	1027	1029	1032	rBV	840949	912627	15.71%	1.016%
85	15.231	1147	1150	1157	rVB	634897	815459	14.04%	0.907%

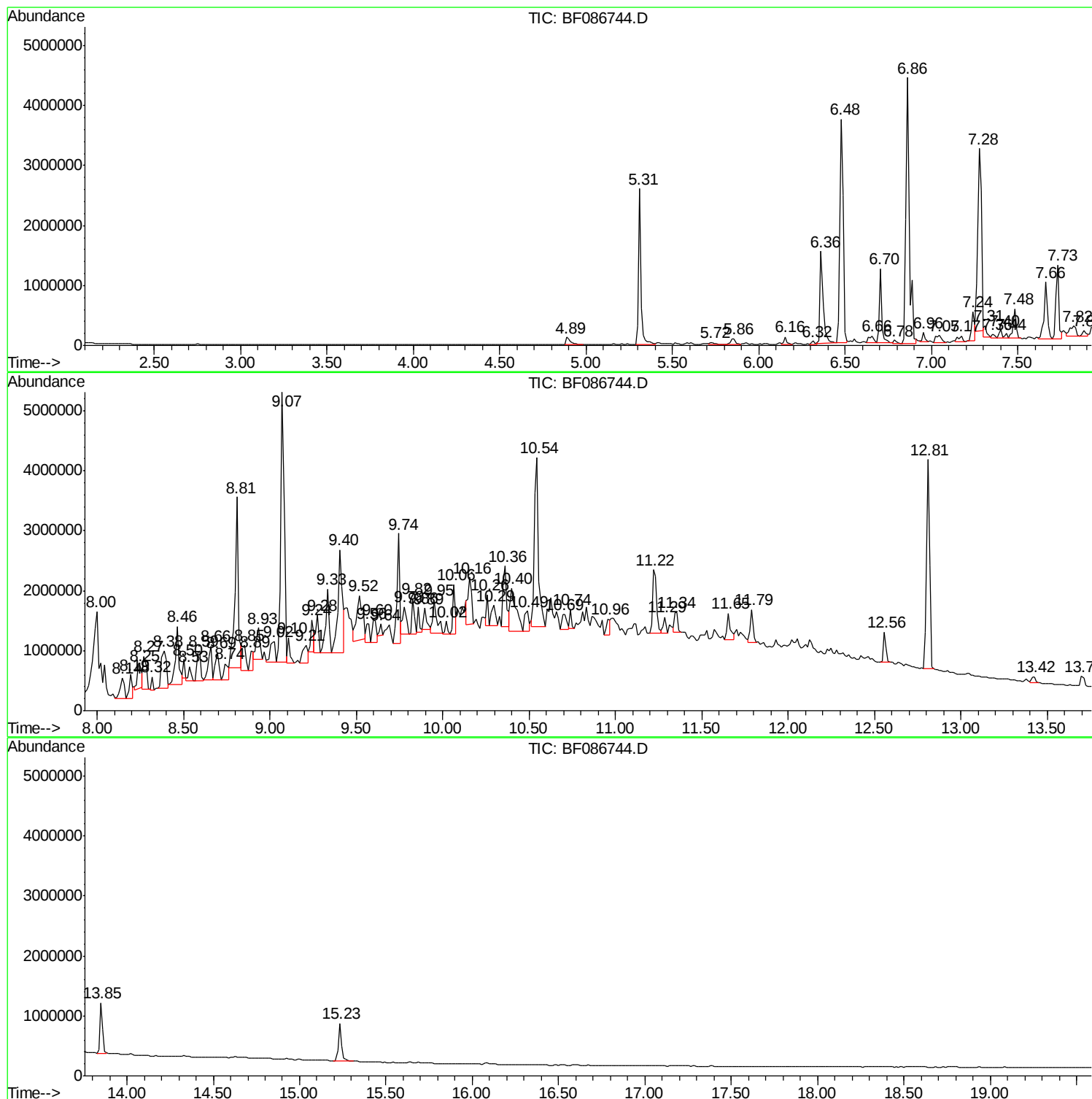
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BNA_F
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : H2770-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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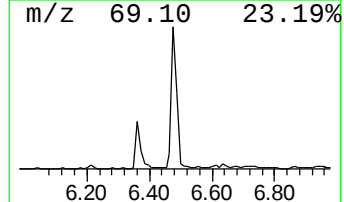
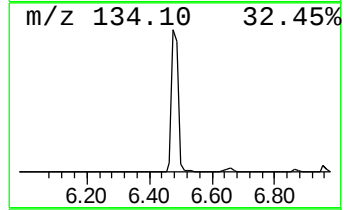
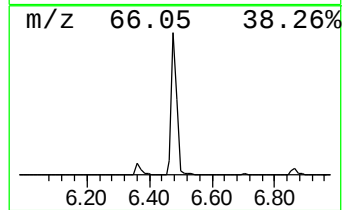
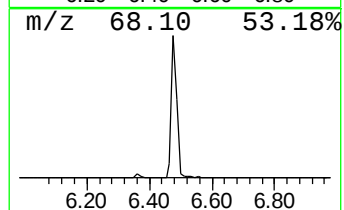
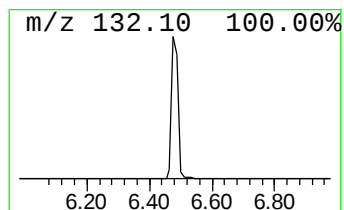
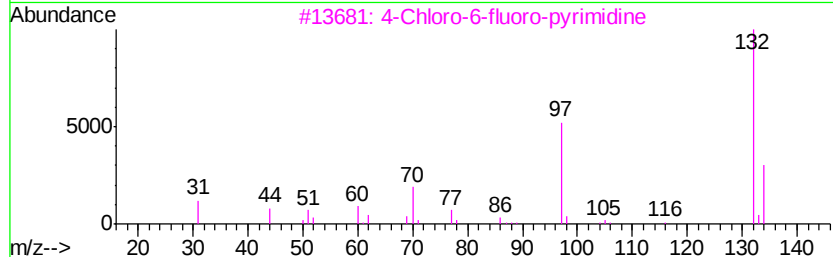
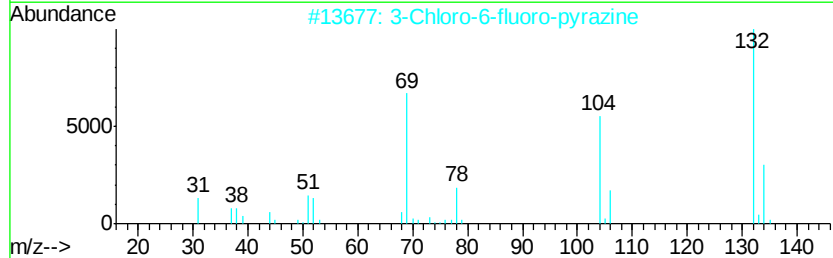
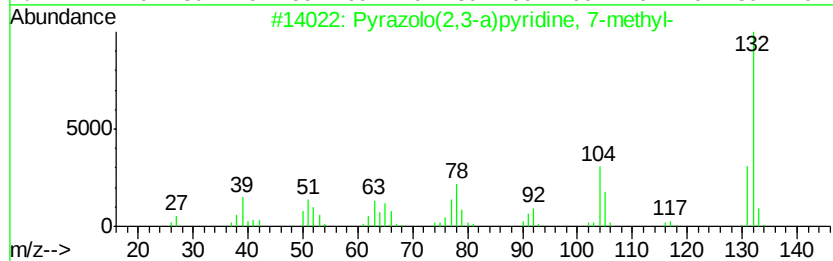
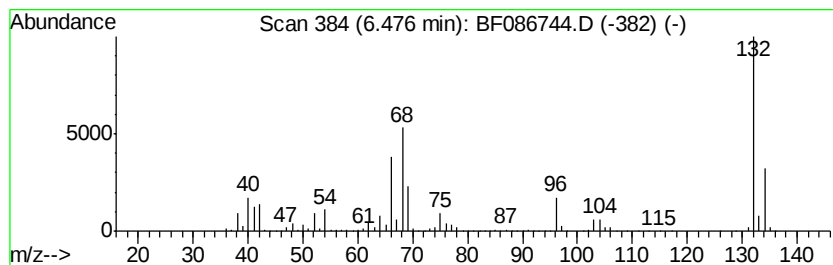
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	150.77 ng	4618380	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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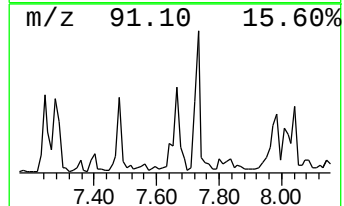
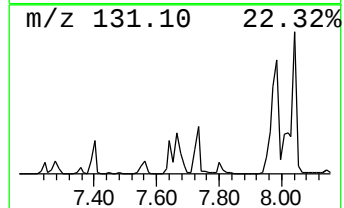
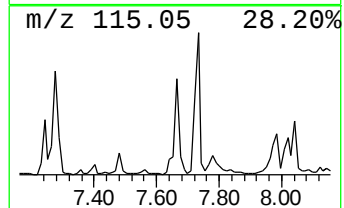
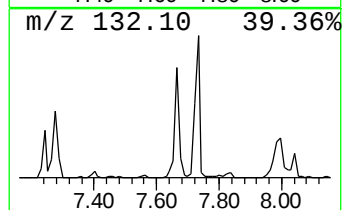
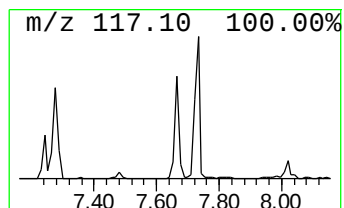
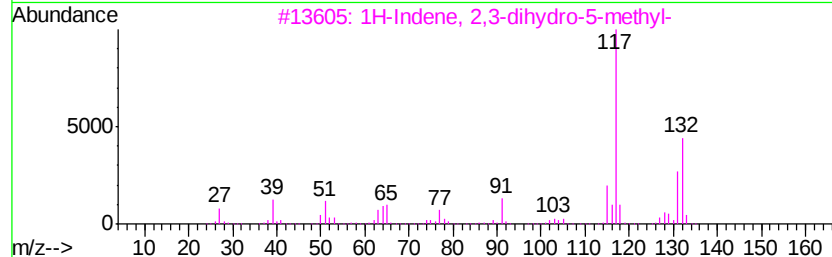
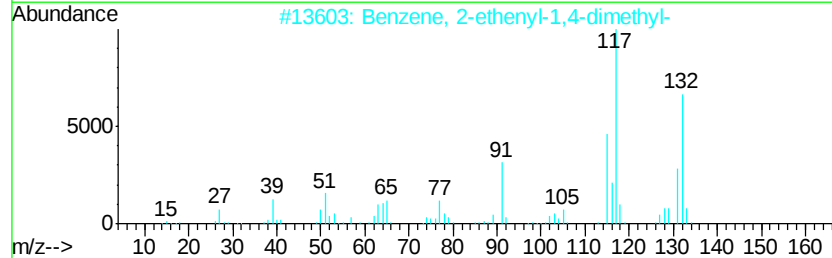
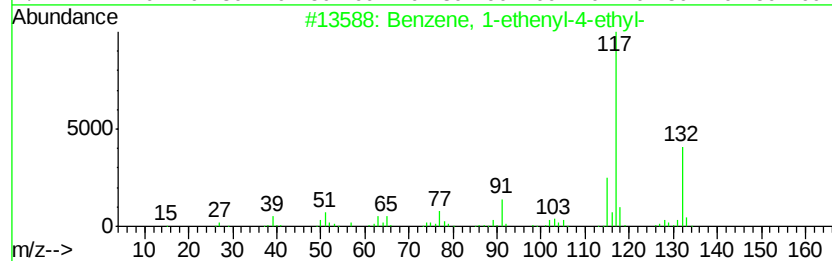
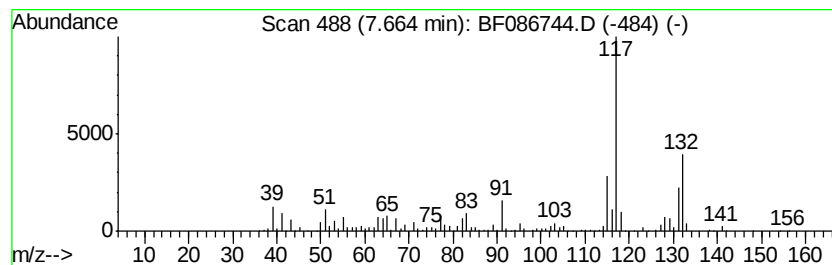
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	12.63 ng	1214140	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90



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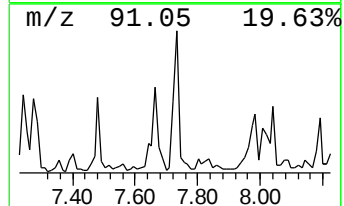
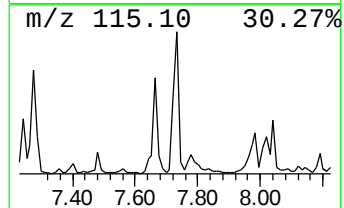
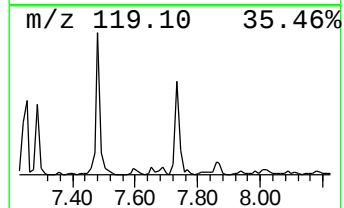
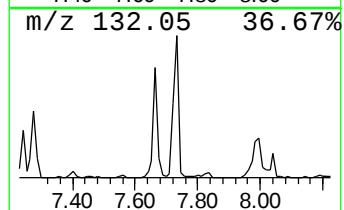
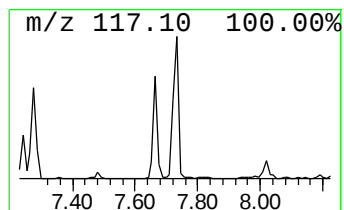
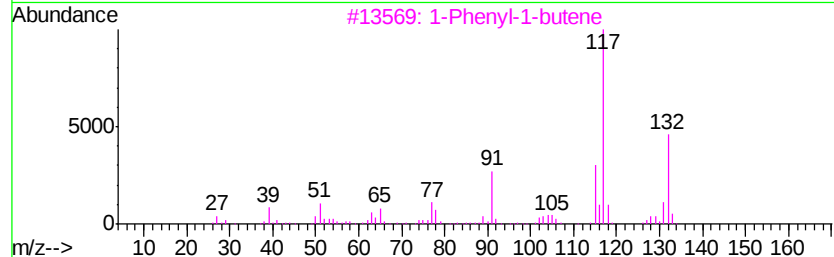
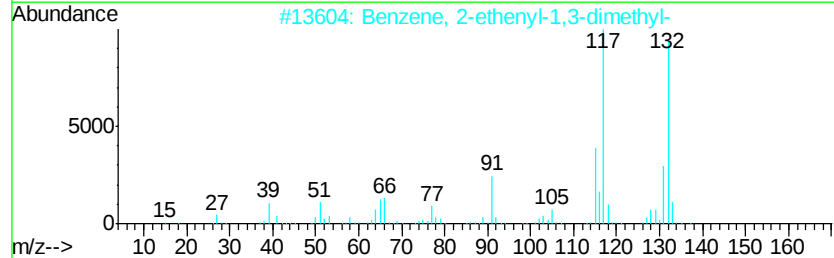
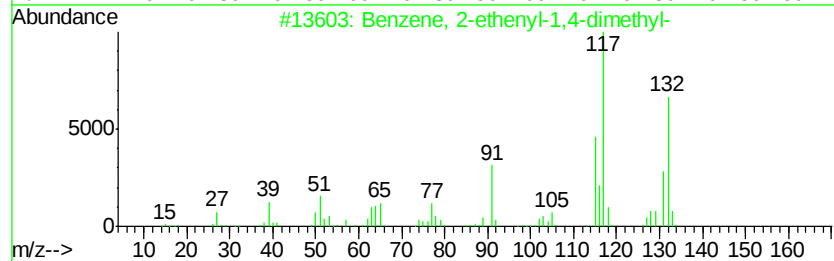
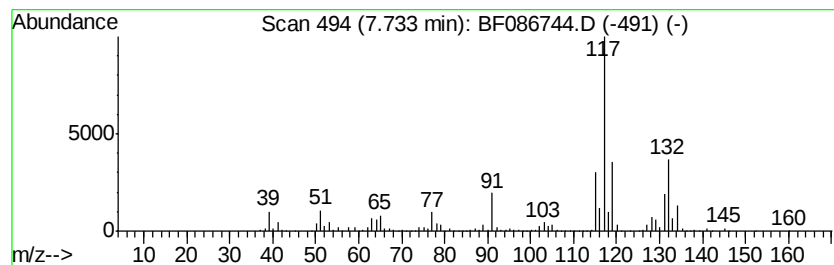
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	16.49 ng	1585300	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	83
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	83
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81



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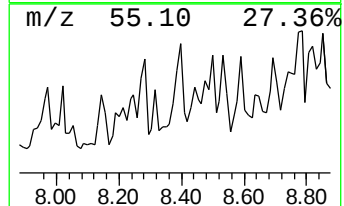
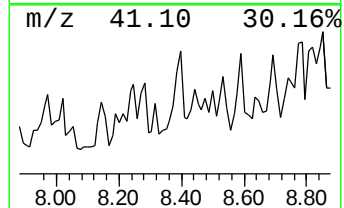
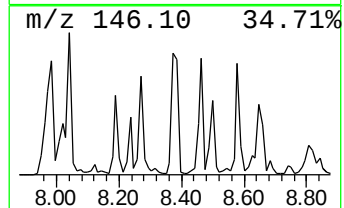
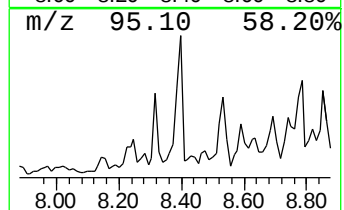
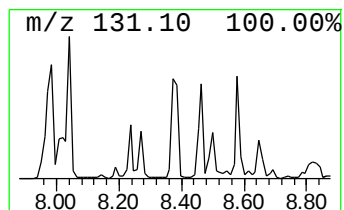
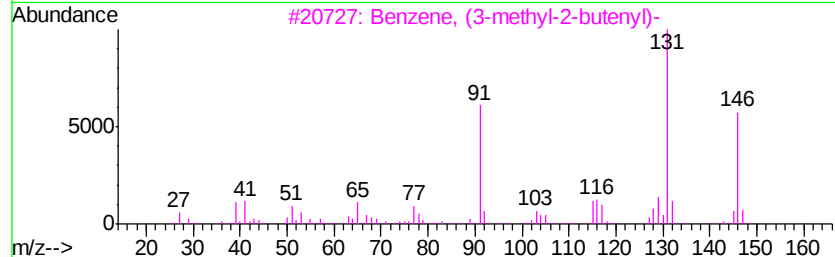
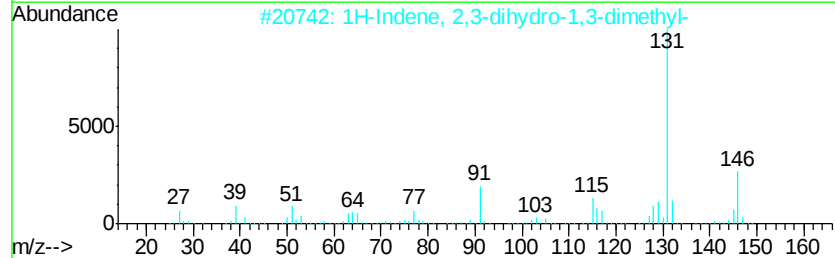
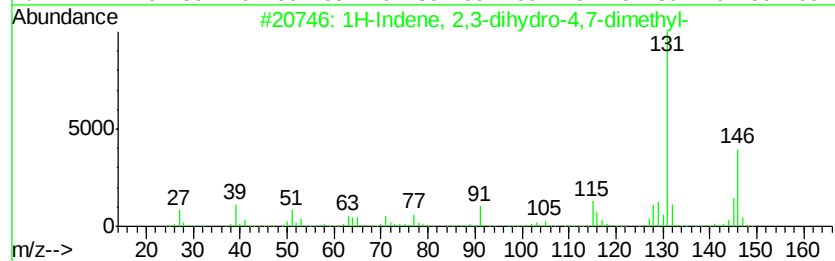
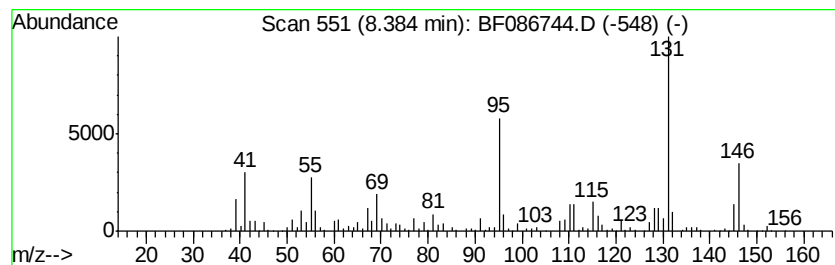
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	12.17 ng	1169760	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
2		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086744.D
Acq On : 7 May 2016 00:52
Operator : UM/SJ
Sample : H2770-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

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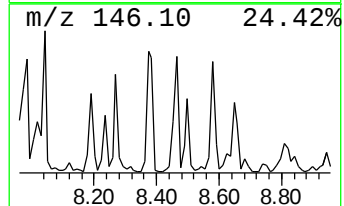
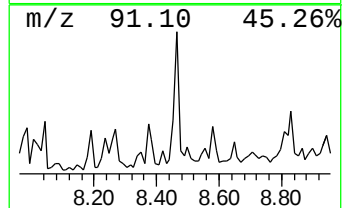
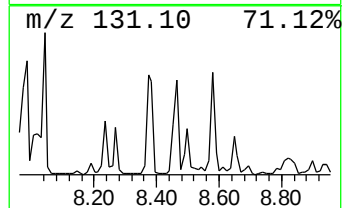
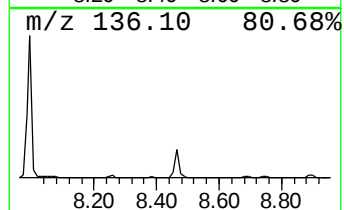
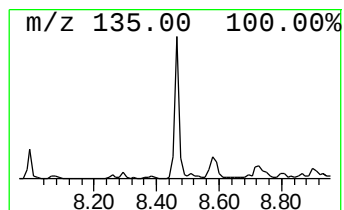
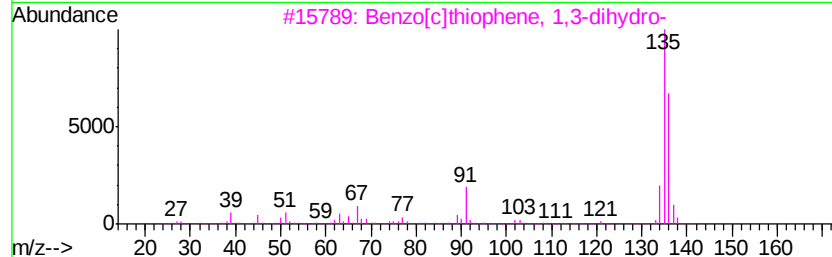
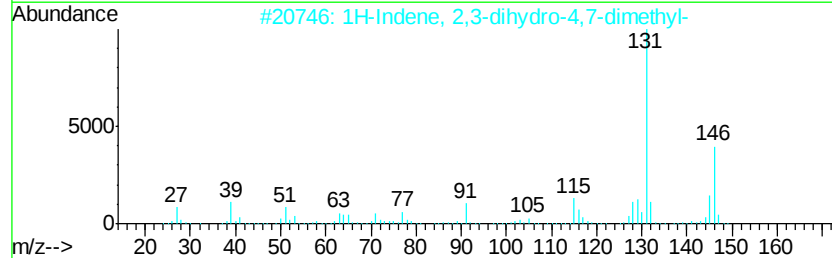
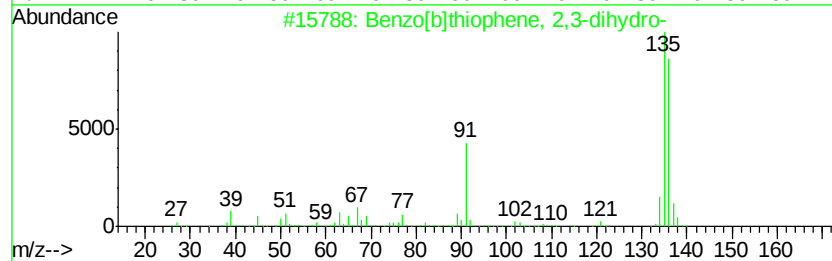
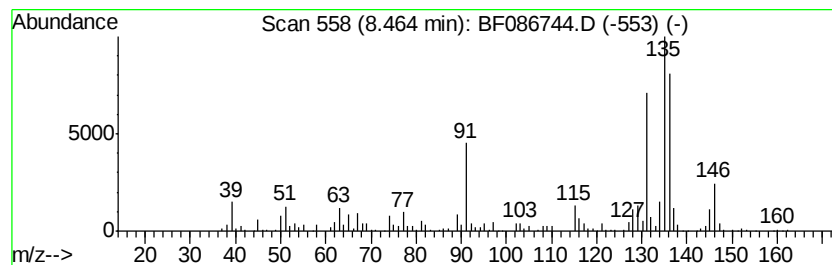
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	14.85 ng	1428000	Napthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	83
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	78
3		Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	78
4		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	74
5		Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
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Sample : H2770-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

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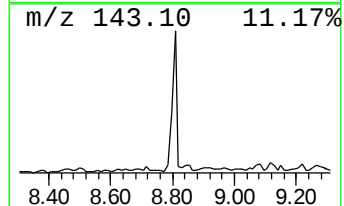
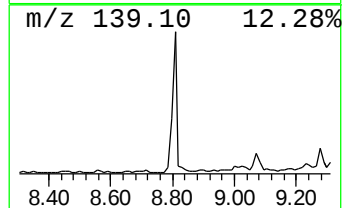
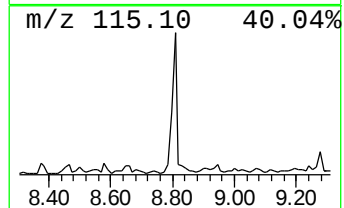
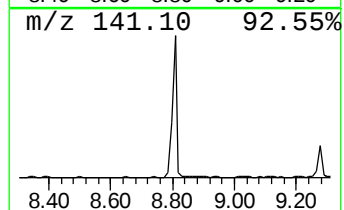
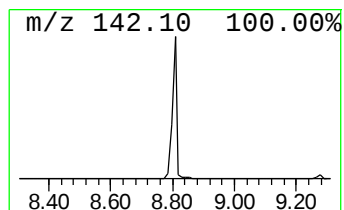
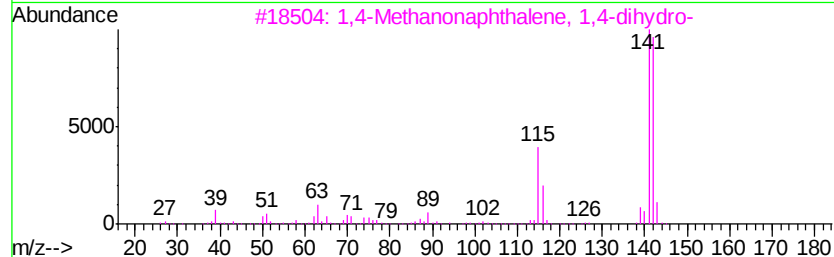
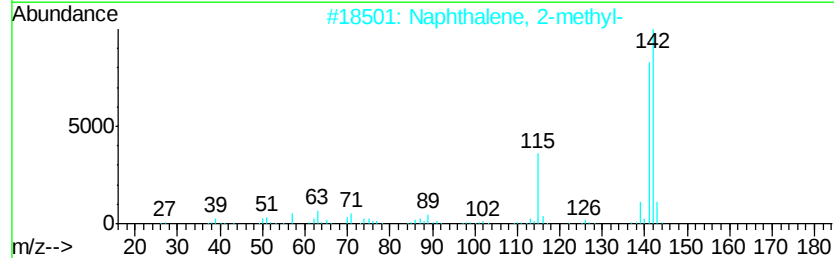
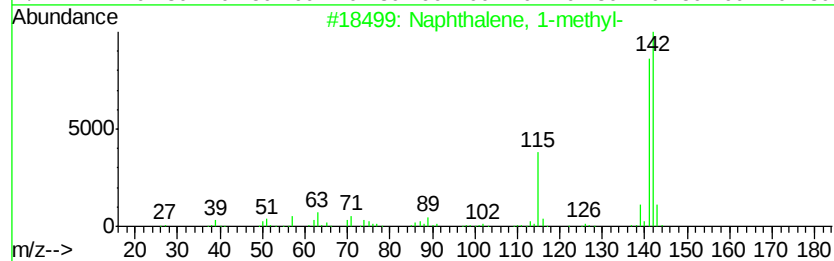
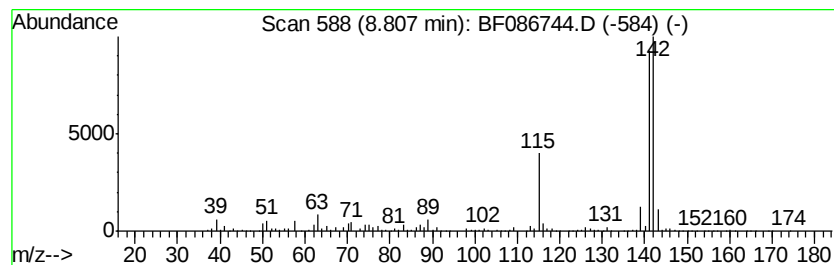
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	42.14 ng	4052060	Naphthalene-d8	8.00

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



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ALS Vial : 19 Sample Multiplier: 1

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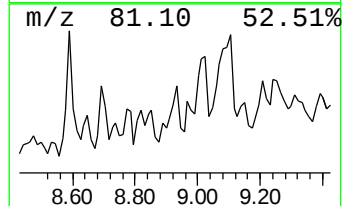
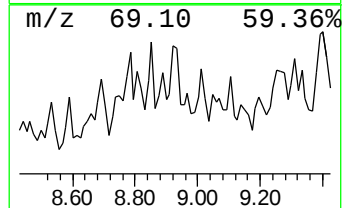
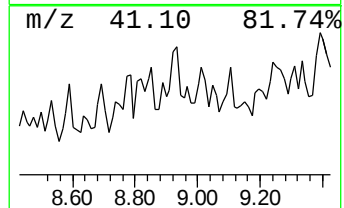
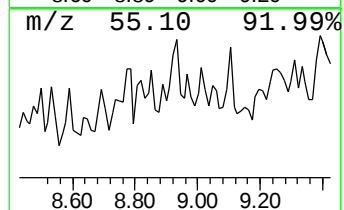
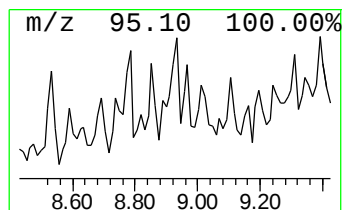
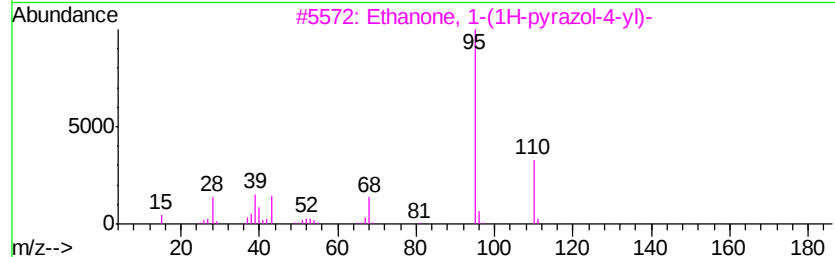
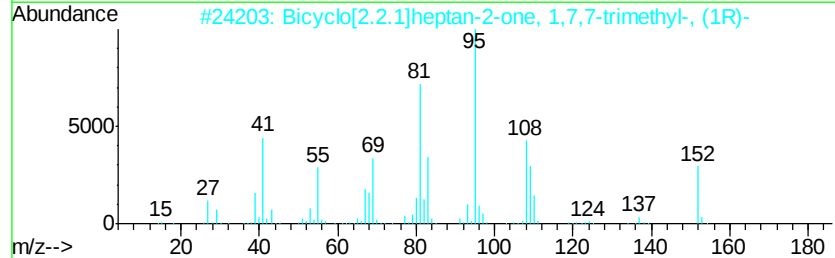
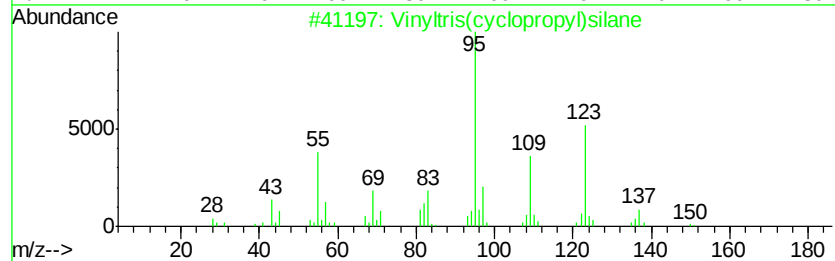
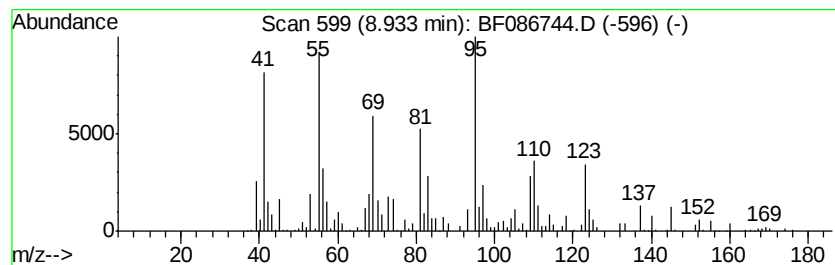
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Vinyltris(cyclopropyl)silane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	15.29 ng	819496	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vinyltris(cyclopropyl)silane	178	C11H18Si	1000109-97-3	59
2		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	43
3		Ethanone, 1-(1H-pyrazol-4-yl)-	110	C5H6N2O	025016-16-4	43
4		Camphor	152	C10H16O	000076-22-2	43
5		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	43



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ALS Vial : 19 Sample Multiplier: 1

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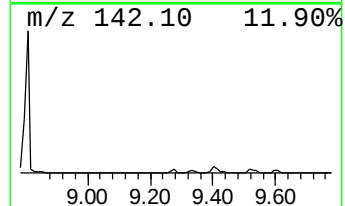
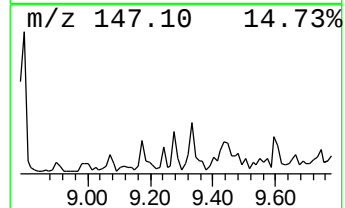
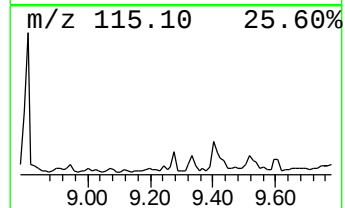
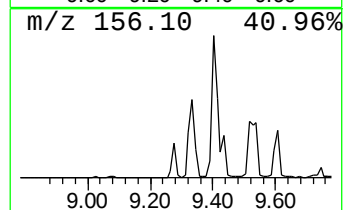
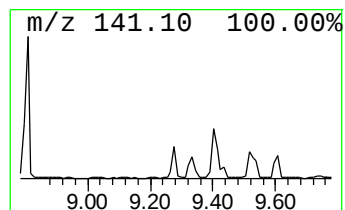
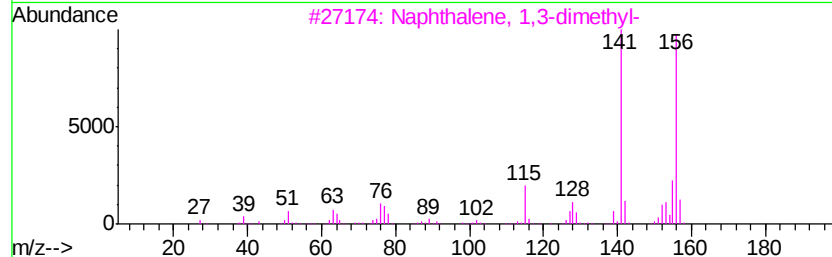
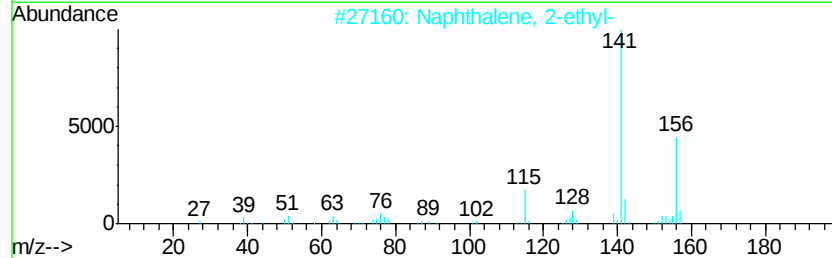
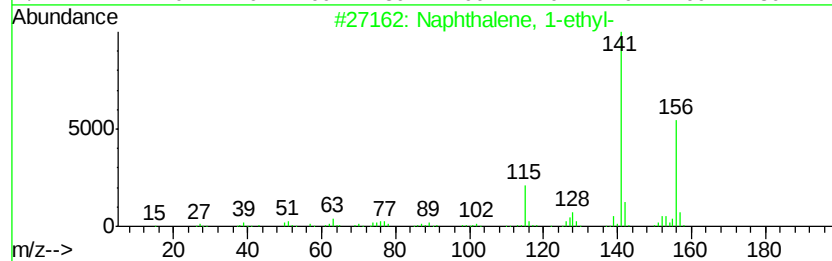
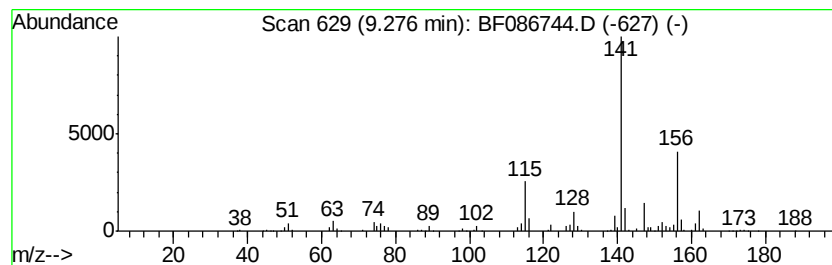
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	12.36 ng	662571	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	64
4		2',5'-Difluoroacetophenone	156	C8H6F2O	001979-36-8	53
5		Naphthalene, 1-propyl-	170	C13H14	002765-18-6	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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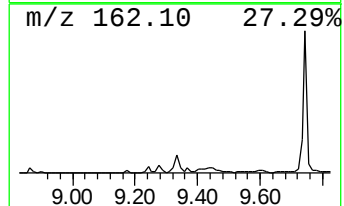
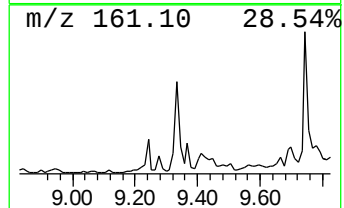
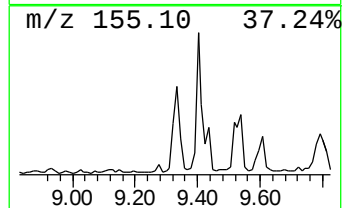
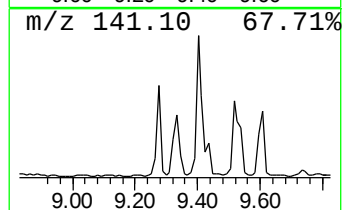
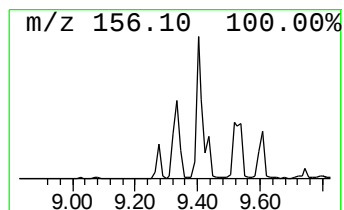
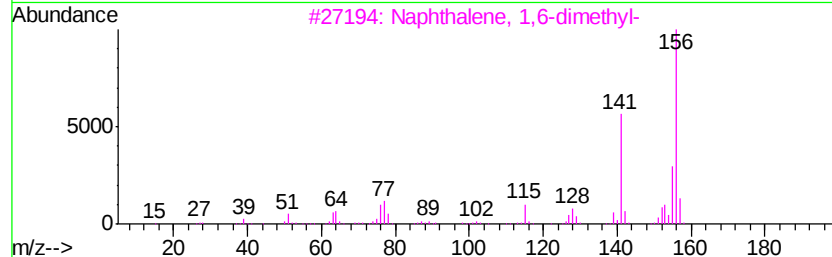
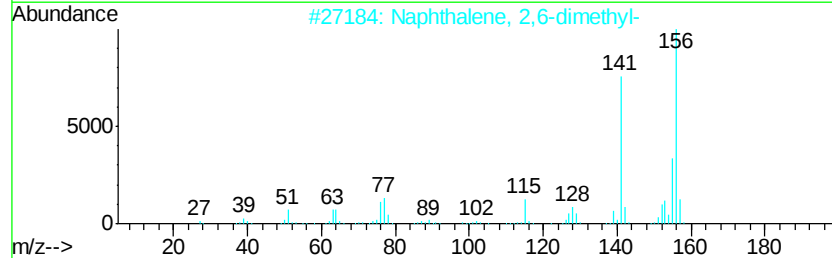
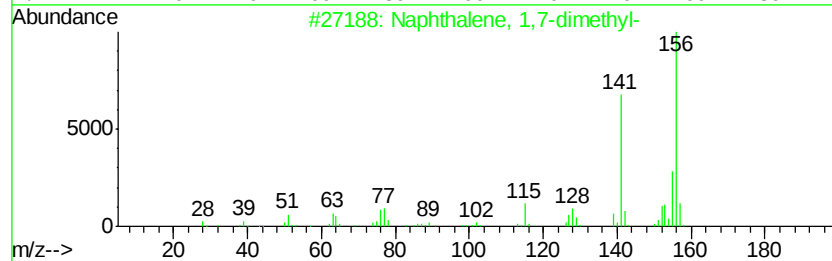
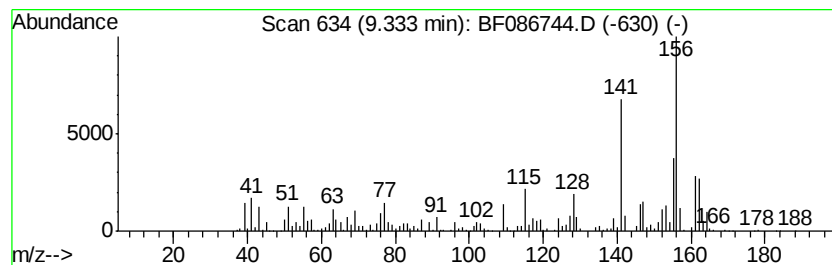
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	29.03 ng	1555500	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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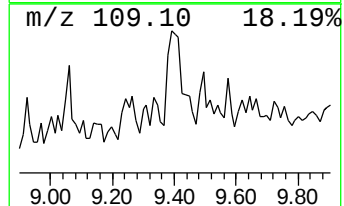
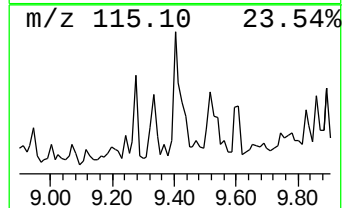
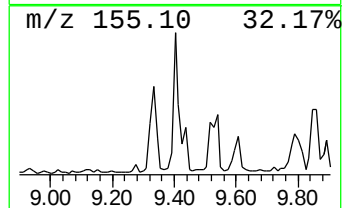
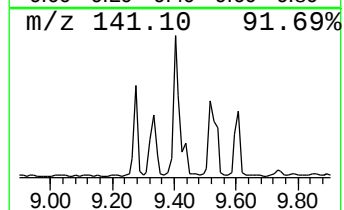
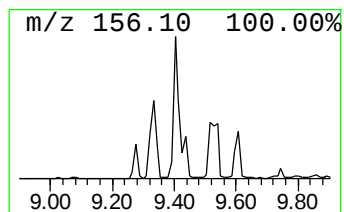
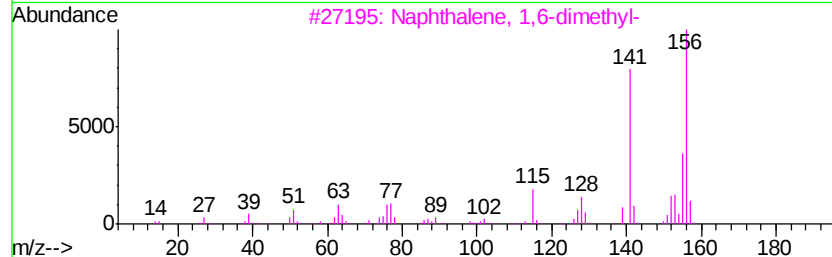
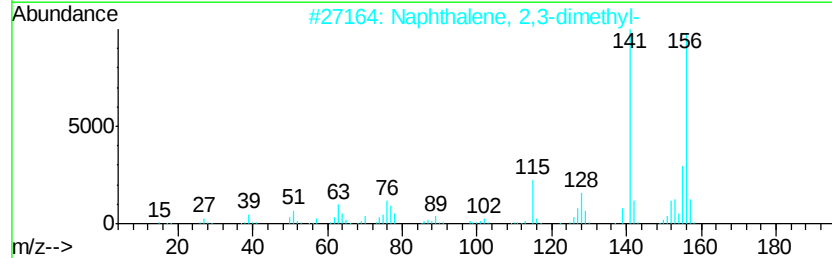
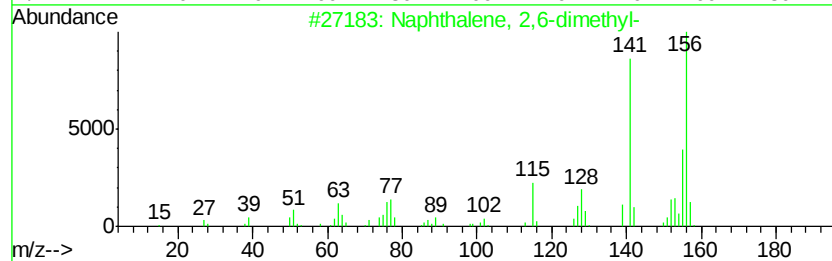
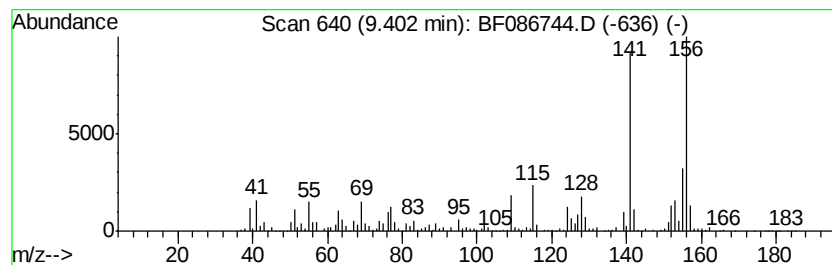
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	59.23 ng	3174340	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



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ALS Vial : 19 Sample Multiplier: 1

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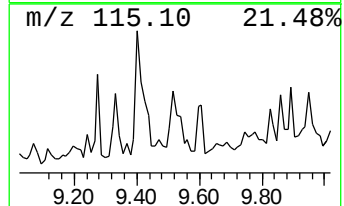
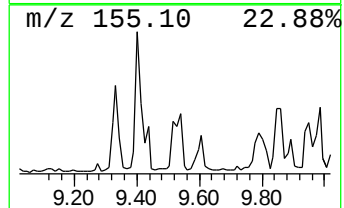
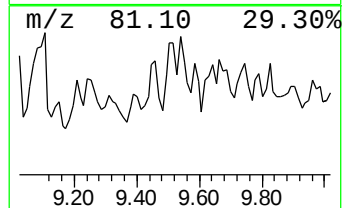
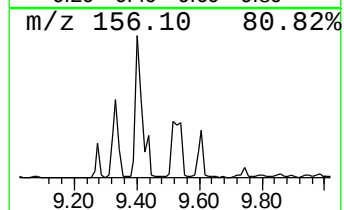
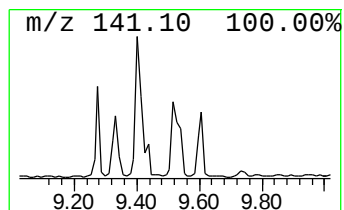
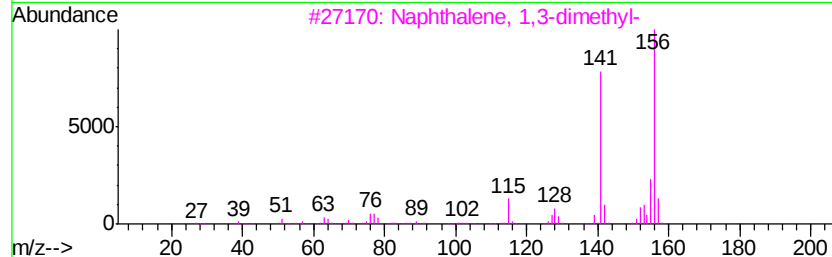
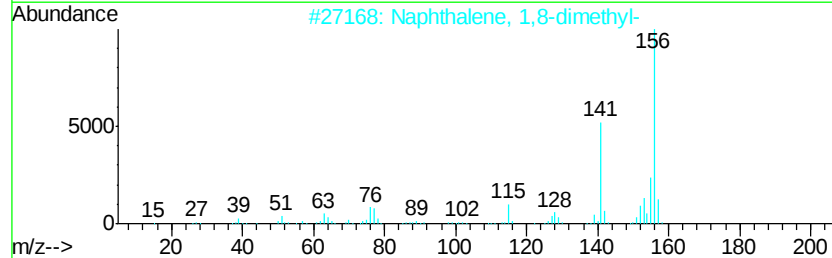
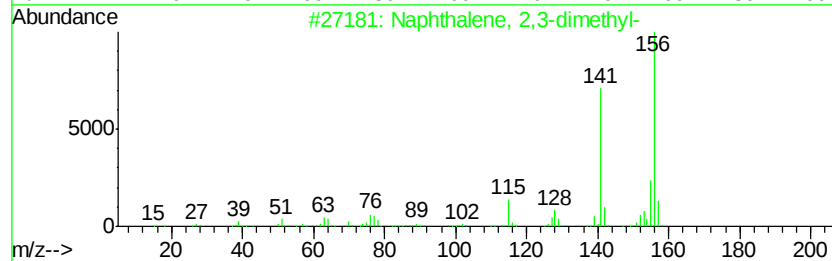
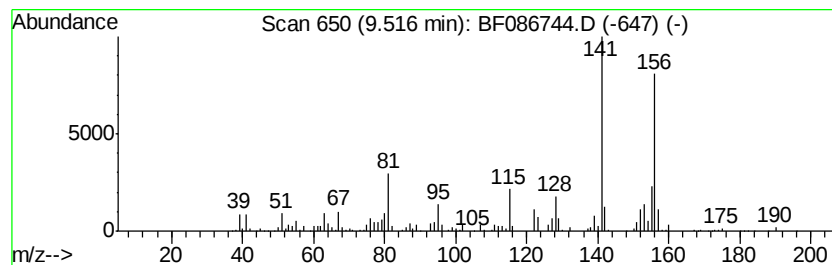
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	34.96 ng	1873690	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086744.D
Acq On : 7 May 2016 00:52
Operator : UM/SJ
Sample : H2770-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

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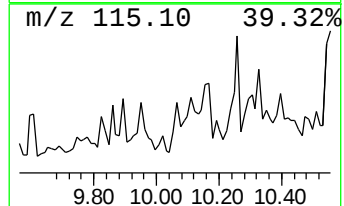
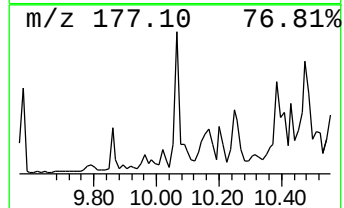
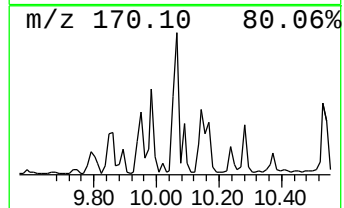
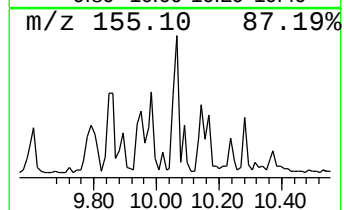
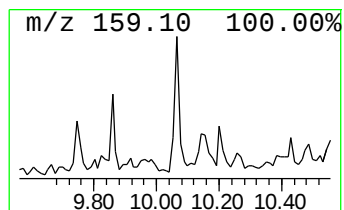
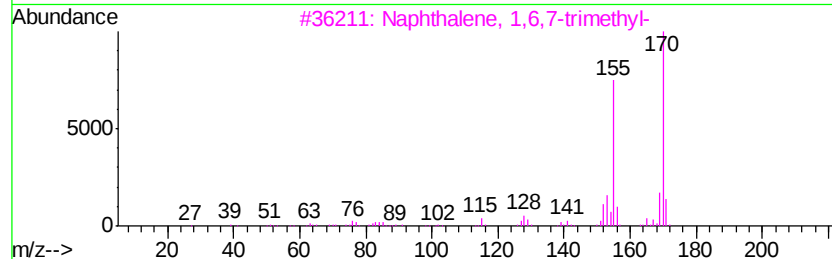
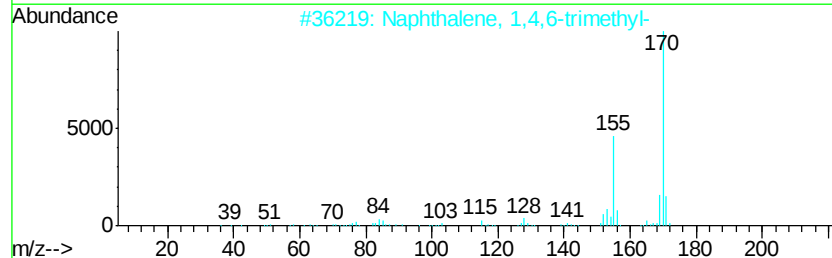
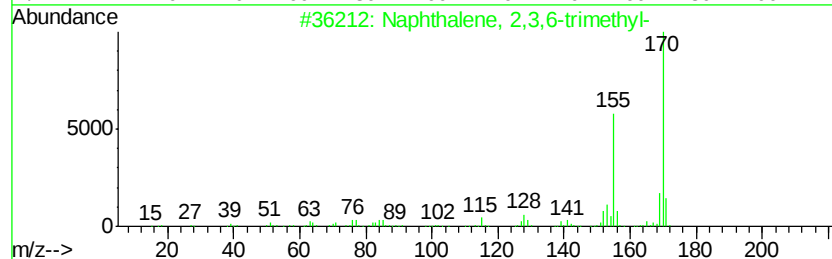
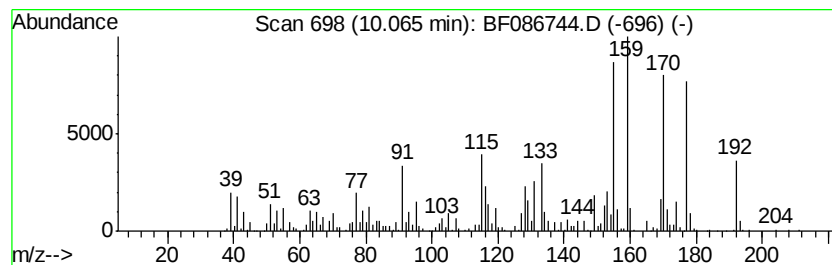
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	15.55 ng	833117	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	84
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	84
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086744.D
Acq On : 7 May 2016 00:52
Operator : UM/SJ
Sample : H2770-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

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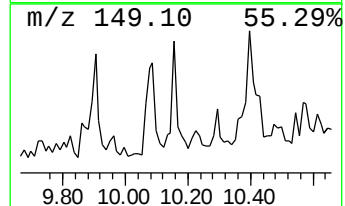
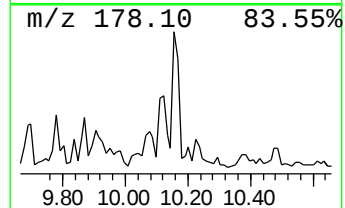
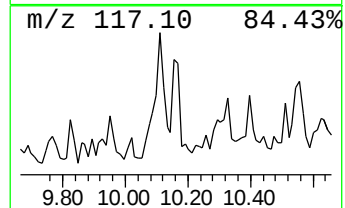
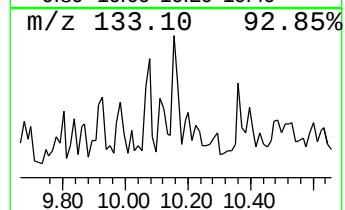
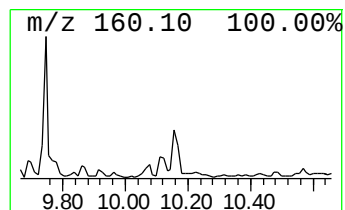
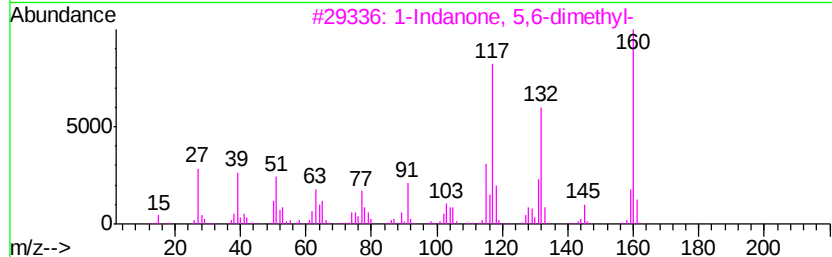
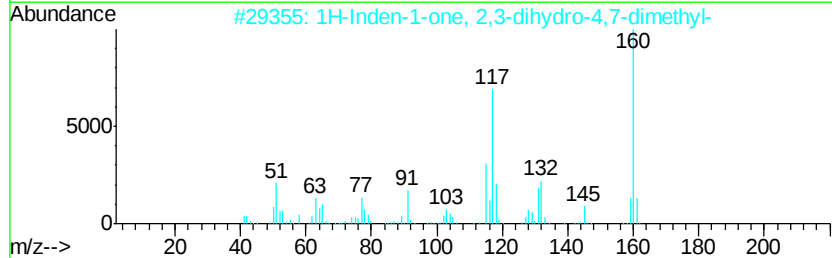
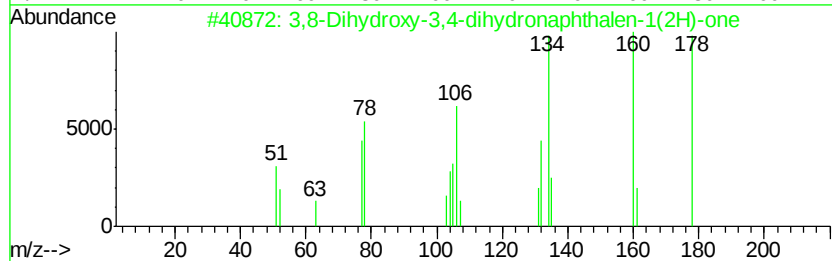
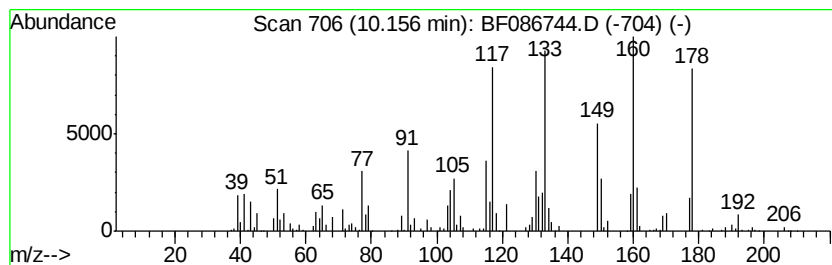
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown10.16 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	22.19 ng	1189120	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,8-Dihydroxy-3,4-dihydronaphtha...	178	C10H10O3	059796-04-2	30
2		1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	30
3		1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	25
4		1H-2-Benzopyran-1-one, 3,4-dihyd...	178	C10H10O3	000480-33-1	25
5		3,4-Dimethylbenzamide	149	C9H11NO	005580-33-6	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086744.D
Acq On : 7 May 2016 00:52
Operator : UM/SJ
Sample : H2770-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

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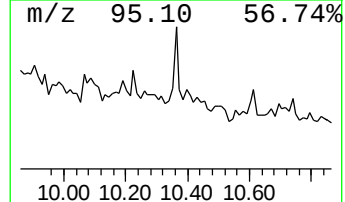
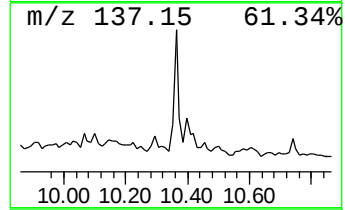
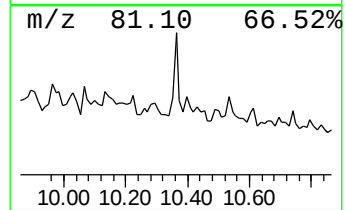
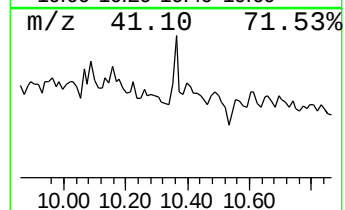
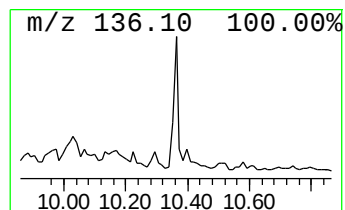
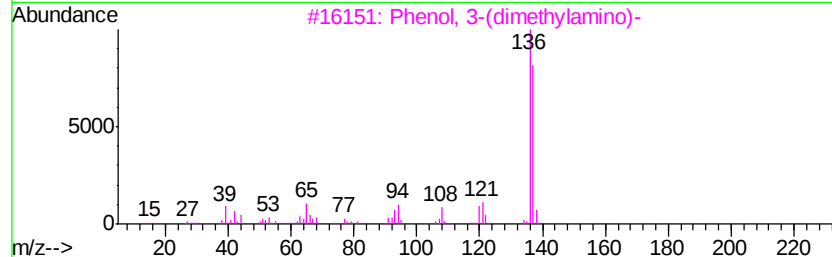
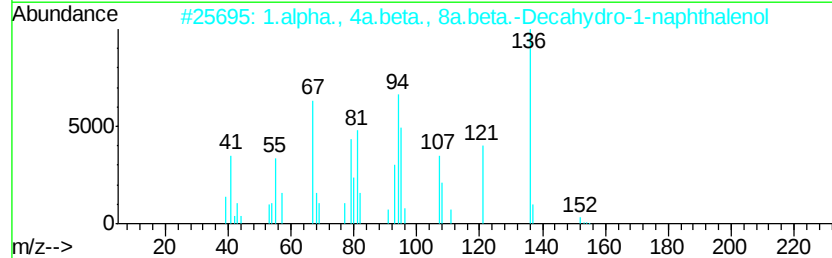
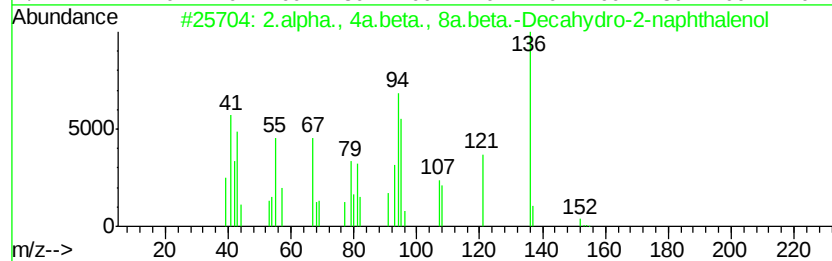
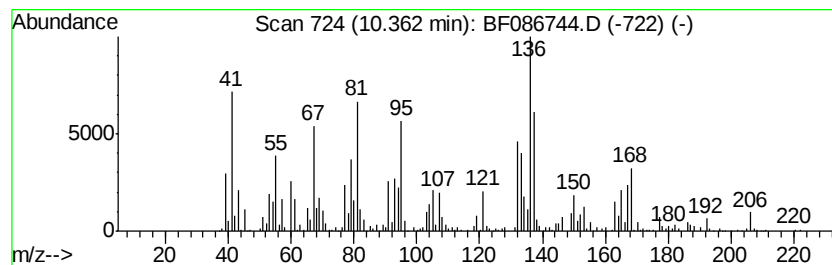
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown10.36 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	29.24 ng	1566990	Acenaphthene-d10	9.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2.alpha., 4a.beta., 8a.beta.-Dec...	154	C10H18O	001424-37-9	38		
2	1.alpha., 4a.beta., 8a.beta.-Dec...	154	C10H18O	002529-05-7	30		
3	Phenol, 3-(dimethylamino)-	137	C8H11NO	000099-07-0	30		
4	5-Cyano-1,2,3,4-tetrahydro-6-met...	136	C7H8N2O	027036-90-4	27		
5	Adamantane-1-carboxylic acid N'-...	280	C15H24N2O3	1000294-38-3	27		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
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Sample : H2770-09
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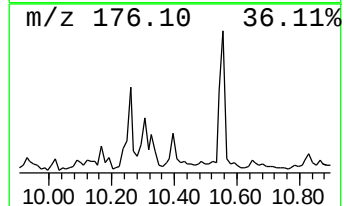
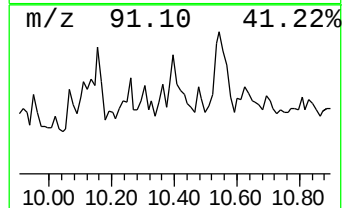
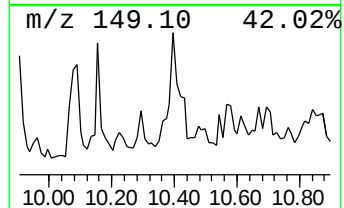
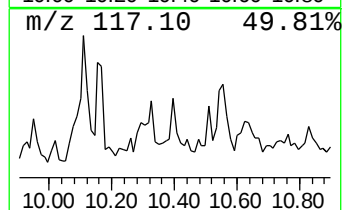
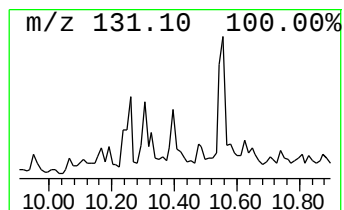
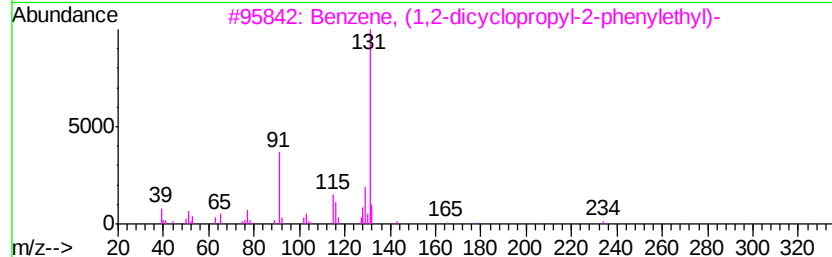
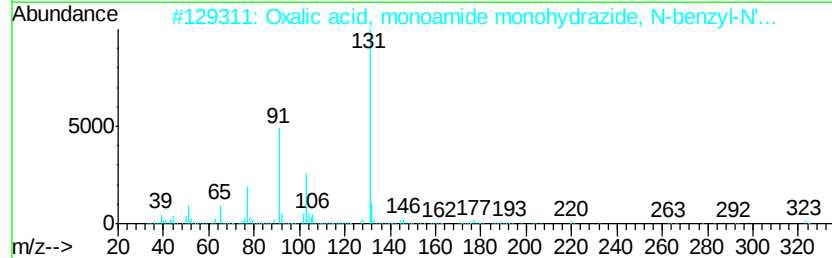
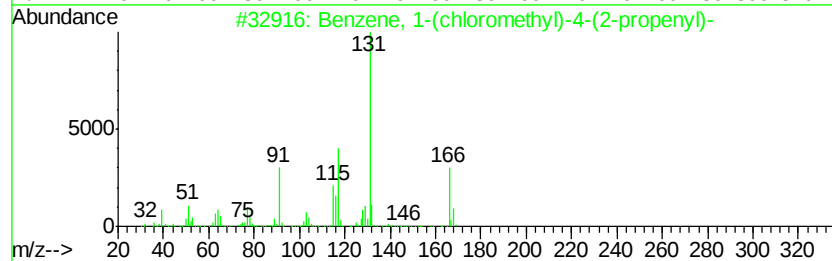
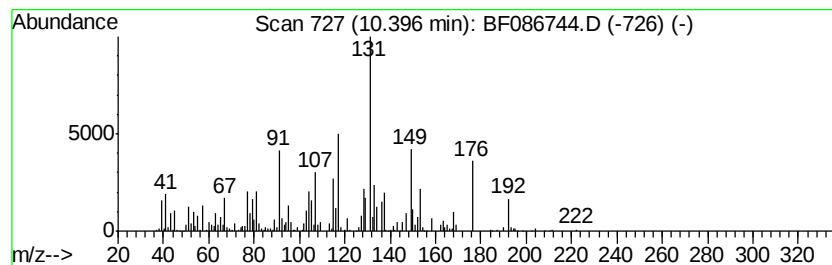
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown10.40 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	29.80 ng	1596840	Acenaphthene-d10	9.74
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-(chloromethyl)-4-(2-p...	166 C10H11Cl	036875-10-2 16
2		Oxalic acid, monoamide monohydra...	323 C18H17N3O3	1000294-01-4 14
3		Benzene, (1,2-dicyclopropyl-2-ph...	262 C20H22	110330-90-0 14
4		2-Propenoic acid, 3-phenyl-, eth...	176 C11H12O2	000103-36-6 12
5		4,5-Diphenylocta-1,7-diene(meso)	262 C20H22	1000215-92-7 10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
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Operator : UM/SJ
Sample : H2770-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW16

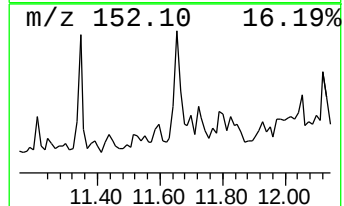
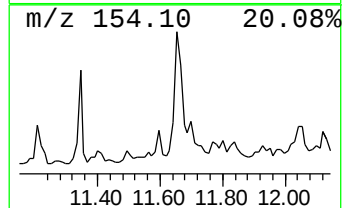
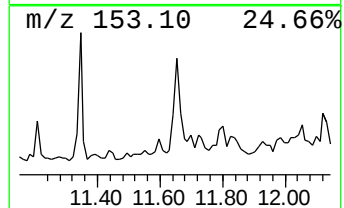
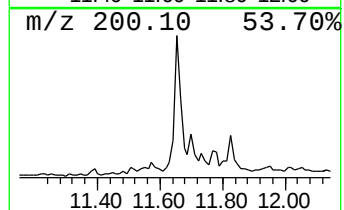
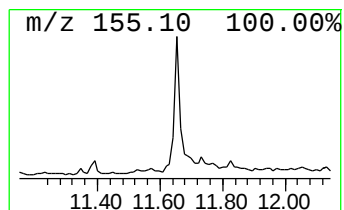
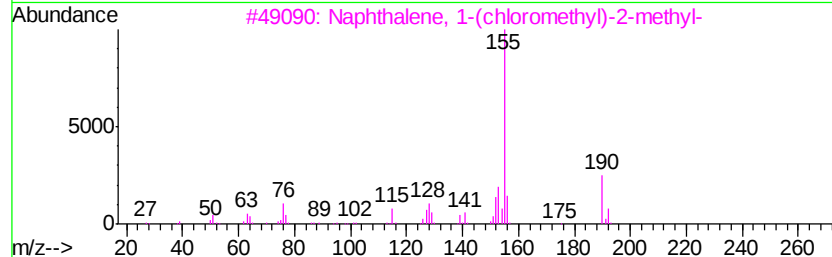
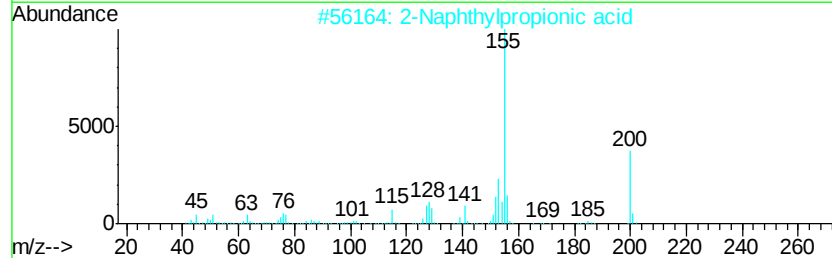
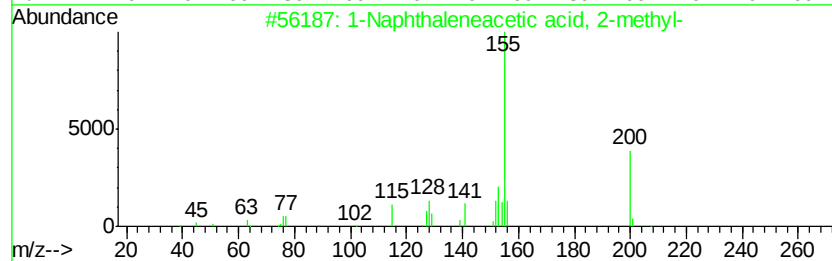
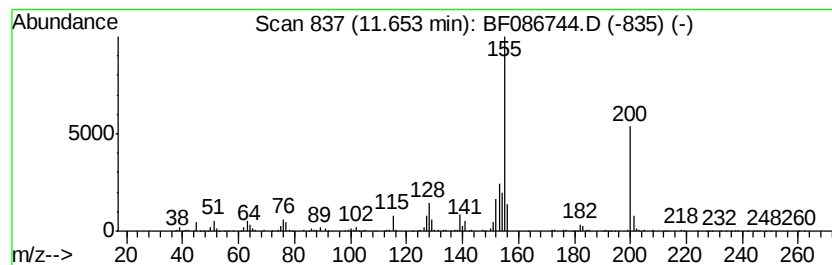
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Naphthaleneacetic acid, 2... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	15.37 ng	669128	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthaleneacetic acid, 2-methyl-	200	C13H12O2	000085-08-5	93
2		2-Naphthylpropionic acid	200	C13H12O2	1000129-24-1	86
3		Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	50
4		Benzenepropanoic acid, 2-fluoro-...	200	C9H9FO4	1000116-44-0	50
5		1-Naphthaleneacetic acid, .alpha...	200	C12H8O3	026153-26-4	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
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Acq On : 7 May 2016 00:52
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Sample : H2770-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

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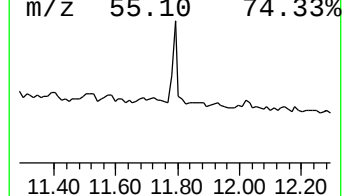
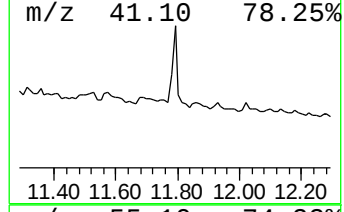
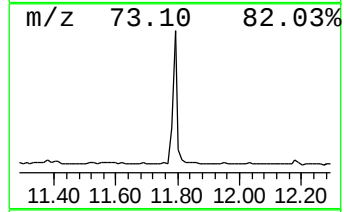
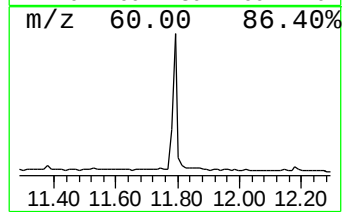
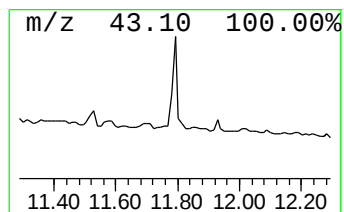
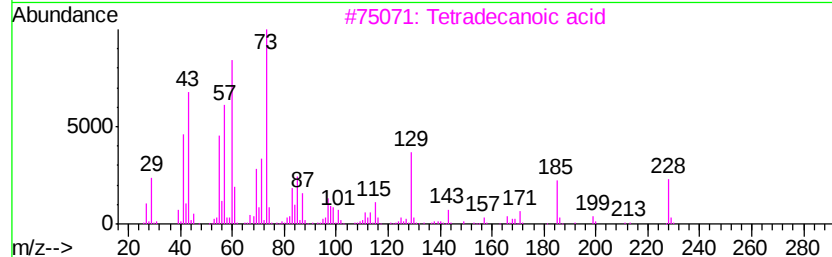
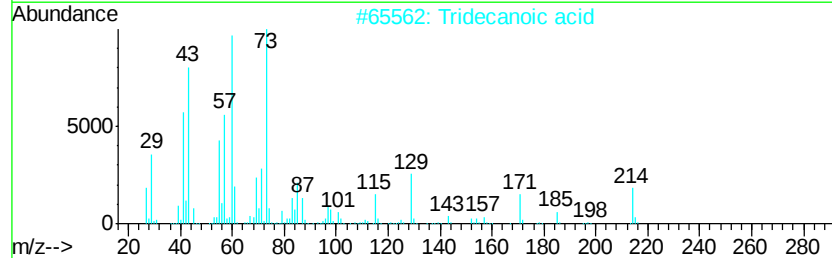
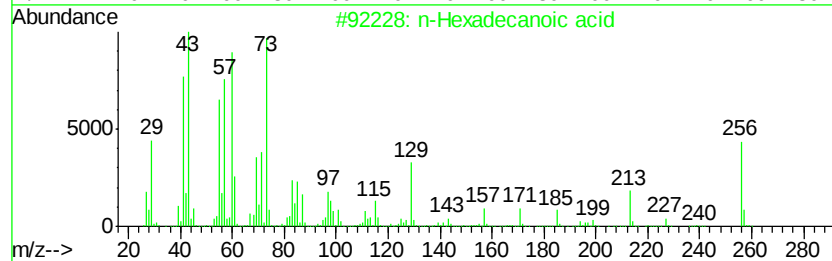
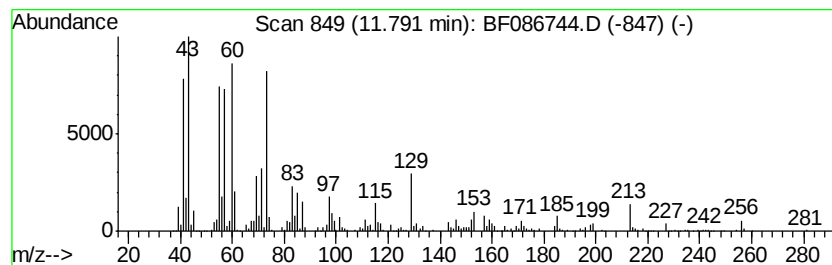
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	12.65 ng	550864	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		Undecanoic acid	186	C11H22O2	000112-37-8	72
5		12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086744.D
Acq On : 7 May 2016 00:52
Operator : UM/SJ
Sample : H2770-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW16

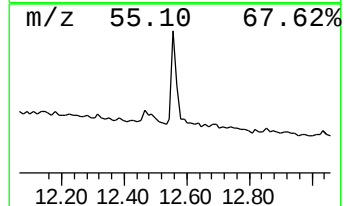
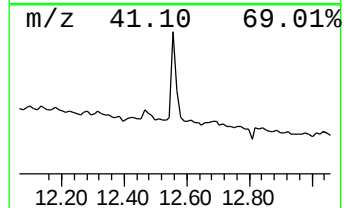
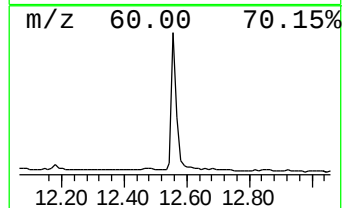
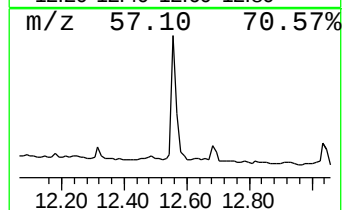
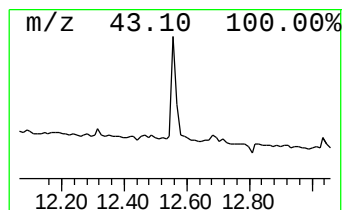
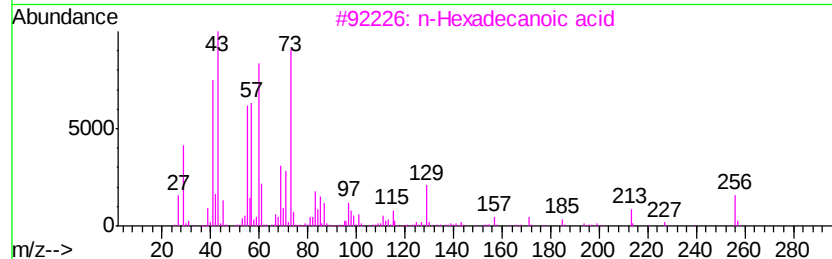
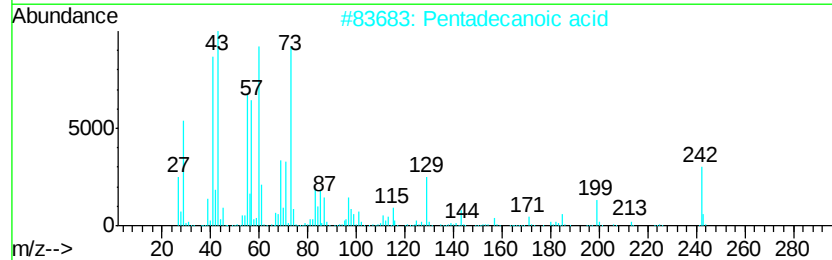
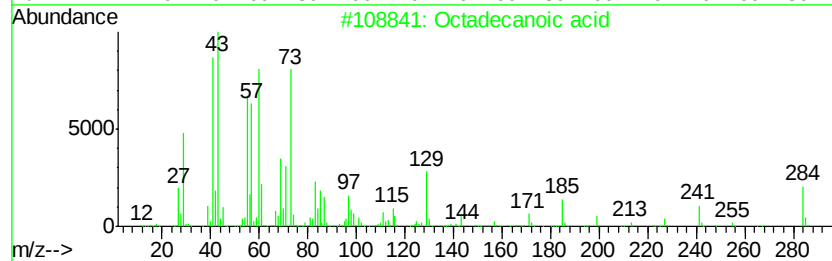
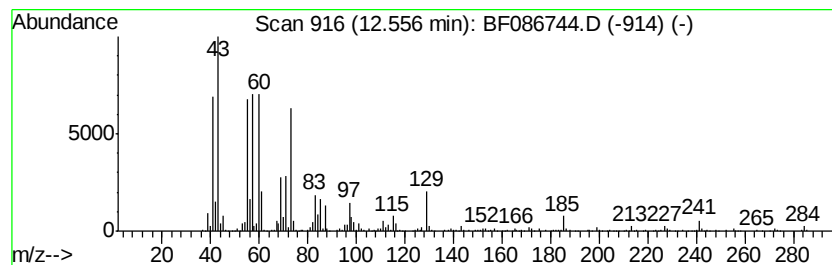
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	22.79 ng	520006	Chrysene-d12	13.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		n-Decanoic acid	172	C10H20O2	000334-48-5	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086744.D
Acq On : 7 May 2016 00:52
Operator : UM/SJ
Sample : H2770-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW16

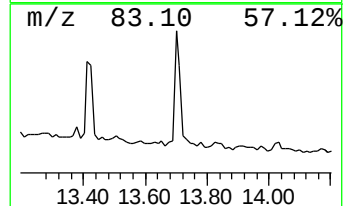
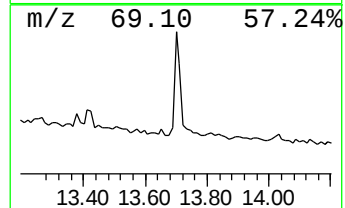
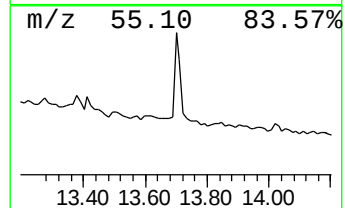
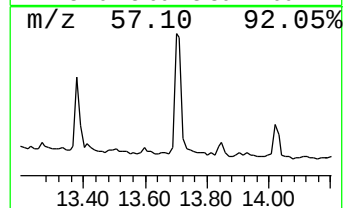
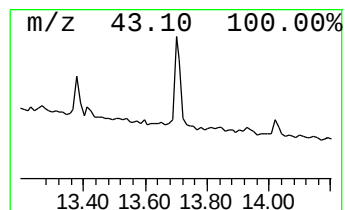
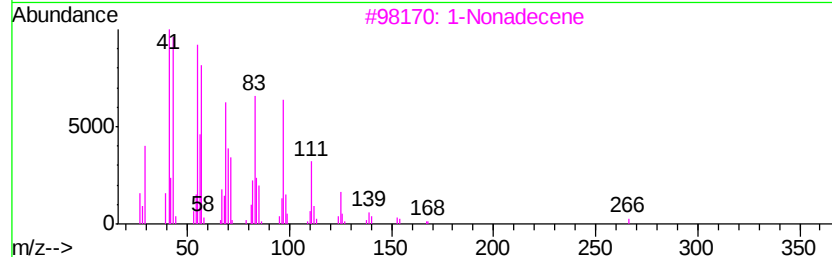
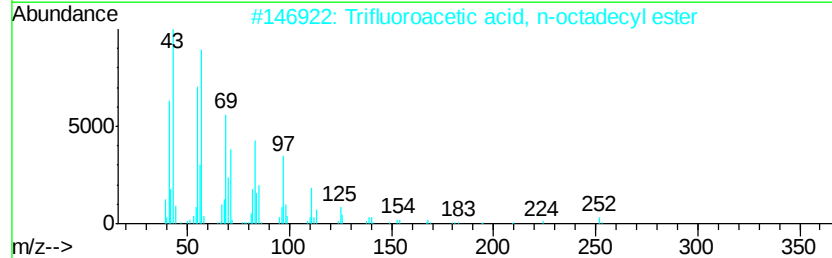
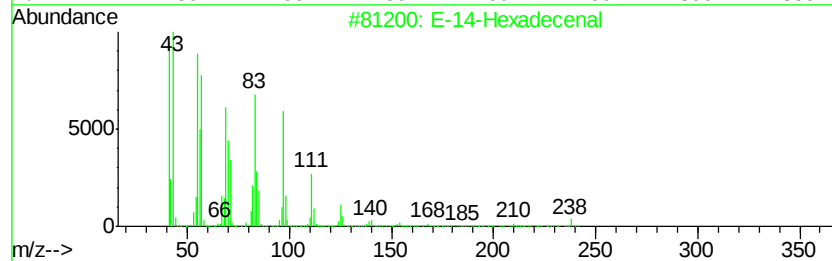
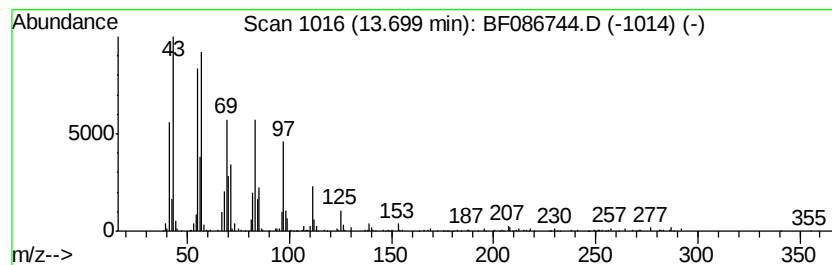
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 E-14-Hexadecenal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	14.60 ng	333197	Chrysene-d12	13.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	E-14-Hexadecenal	238	C16H30O	330207-53-9	93
2		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91
3		1-Nonadecene	266	C19H38	018435-45-5	91
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5		E-15-Heptadecenal	252	C17H32O	1000130-97-9	91



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 Sample : H2770-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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
unknown6.48	6.48	150.8	ng	4618380	1	6.70	1225250	40.0
Benzene, 1-etheny...	7.66	12.6	ng	1214140	2	8.00	3846040	40.0
Benzene, 2-etheny...	7.73	16.5	ng	1585300	2	8.00	3846040	40.0
1H-Indene, 2,3-di...	8.38	12.2	ng	1169760	2	8.00	3846040	40.0
Benzo[b]thiophene...	8.46	14.9	ng	1428000	2	8.00	3846040	40.0
Naphthalene, 1-me...	8.81	42.1	ng	4052060	2	8.00	3846040	40.0
Vinyltris(cyclopr...	8.93	15.3	ng	819496	3	9.74	2143610	40.0
Naphthalene, 1-et...	9.28	12.4	ng	662571	3	9.74	2143610	40.0
Naphthalene, 1,7-...	9.33	29.0	ng	1555500	3	9.74	2143610	40.0
Naphthalene, 2,6-...	9.40	59.2	ng	3174340	3	9.74	2143610	40.0
Naphthalene, 2,3-...	9.52	35.0	ng	1873690	3	9.74	2143610	40.0
Naphthalene, 2,3,...	10.06	15.6	ng	833117	3	9.74	2143610	40.0
unknown10.16	10.16	22.2	ng	1189120	3	9.74	2143610	40.0
unknown10.36	10.36	29.2	ng	1566990	3	9.74	2143610	40.0
unknown10.40	10.40	29.8	ng	1596840	3	9.74	2143610	40.0
1-Naphthaleneacet...	11.65	15.4	ng	669128	4	11.22	1741760	40.0
n-Hexadecanoic acid	11.79	12.7	ng	550864	4	11.22	1741760	40.0
Octadecanoic acid	12.56	22.8	ng	520006	5	13.85	912627	40.0
E-14-Hexadecenal	13.70	14.6	ng	333197	5	13.85	912627	40.0