

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
 Data File : BF087394.D
 Acq On : 26 May 2016 4:11
 Operator : UM/SJ
 Sample : H3212-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE3-1

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-BF052316.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	1.644	4	5	40	rVB	2540294	4643233	100.00%	3.912%
2	3.598	173	176	187	rBV	68941	169361	3.65%	0.143%
3	4.764	275	278	281	rBV2	98818	196001	4.22%	0.165%
4	4.821	281	283	289	rVV3	42087	116879	2.52%	0.098%
5	4.924	289	292	304	rVB	187863	358782	7.73%	0.302%
6	5.450	335	338	346	rBV	748403	1574712	33.91%	1.327%
7	5.633	352	354	358	rVV2	85885	199563	4.30%	0.168%
8	5.827	370	371	377	rVB2	53918	127653	2.75%	0.108%
9	6.044	388	390	398	rVB	142687	217356	4.68%	0.183%
10	6.479	426	428	434	rVB2	68704	151483	3.26%	0.128%
11	6.616	434	440	443	rBV	60152	130802	2.82%	0.110%
12	6.764	449	453	457	rBV2	63468	208123	4.48%	0.175%
13	6.902	460	465	469	rBV4	76811	213056	4.59%	0.179%
14	7.096	480	482	487	rVV	536098	957341	20.62%	0.807%
15	7.187	487	490	494	rVV	2022344	2792550	60.14%	2.353%
16	7.244	494	495	498	rVB	78704	104713	2.26%	0.088%
17	7.519	516	519	522	rBV	604218	847532	18.25%	0.714%
18	7.610	525	527	529	rVB	286248	392473	8.45%	0.331%
19	7.679	529	533	537	rVB4	55013	155100	3.34%	0.131%
20	7.759	537	540	542	rBV	2059541	2681188	57.74%	2.259%
21	7.885	548	551	553	rBV4	64241	106398	2.29%	0.090%
22	8.067	562	567	569	rBV4	237653	508496	10.95%	0.428%
23	8.102	569	570	574	rVB2	183602	291165	6.27%	0.245%
24	8.239	577	582	585	rBV4	109140	338848	7.30%	0.285%
25	8.296	585	587	588	rBV2	109881	187955	4.05%	0.158%
26	8.330	588	590	592	rVB2	158016	206552	4.45%	0.174%
27	8.399	592	596	597	rBV2	234342	497126	10.71%	0.419%
28	8.445	597	600	602	rVV	1690836	2501699	53.88%	2.108%
29	8.593	610	613	614	rBV2	184717	249232	5.37%	0.210%
30	8.627	614	616	620	rVB3	177508	256402	5.52%	0.216%
31	8.696	620	622	627	rVB5	252983	570409	12.28%	0.481%
32	8.776	627	629	631	rBV	298516	345706	7.45%	0.291%
33	8.810	631	632	636	rVB	295668	411994	8.87%	0.347%
34	8.925	640	642	644	rBV2	81678	109848	2.37%	0.093%

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35	9.016	644	650	651 rBV5	228091	774881	16.69%	0.653%
36	9.050	651	653	659 rVB2	369091	671626	14.46%	0.566%
37	9.153	659	662	666 rBV2	715195	1981153	42.67%	1.669%
38	9.245	666	670	671 rBV	219876	487497	10.50%	0.411%
39	9.290	672	674	679 rVB5	345910	626859	13.50%	0.528%
40	9.382	679	682	687 rVB2	577582	1224985	26.38%	1.032%
41	9.450	687	688	689 rBV	109538	138306	2.98%	0.117%
42	9.553	694	697	702 rBV2	793345	1395894	30.06%	1.176%
43	9.656	702	706	708 rVB3	413446	881927	18.99%	0.743%
44	9.759	709	715	717 rBV2	768342	1963561	42.29%	1.654%
45	9.873	722	725	732 rVB6	433839	1650962	35.56%	1.391%
46	9.988	732	735	737 rBV3	200221	513919	11.07%	0.433%
47	10.033	737	739	741 rBV3	293716	391814	8.44%	0.330%
48	10.079	741	743	745 rBV2	278941	602095	12.97%	0.507%
49	10.216	748	755	758 rBV4	779147	2592477	55.83%	2.184%
50	10.296	758	762	764 rBV3	622403	1448079	31.19%	1.220%
51	10.342	764	766	769 rVB3	658572	1124855	24.23%	0.948%
52	10.388	769	770	772 rBV2	277999	357809	7.71%	0.301%
53	10.525	776	782	784 rBV4	856581	2356946	50.76%	1.986%
54	10.559	784	785	788 rVV3	807225	1436437	30.94%	1.210%
55	10.639	788	792	794 rVV4	555543	1424457	30.68%	1.200%
56	10.719	797	799	801 rVB	1808560	2378695	51.23%	2.004%
57	10.799	801	806	809 rBV6	516108	1800352	38.77%	1.517%
58	10.879	809	813	815 rVB	2019269	2769959	59.66%	2.334%
59	10.936	815	818	822 rBV4	416494	1368101	29.46%	1.153%
60	11.096	830	832	834 rBV	484277	663160	14.28%	0.559%
61	11.222	840	843	845 rBV2	926439	1509783	32.52%	1.272%
62	11.279	845	848	850 rVV2	482260	1053066	22.68%	0.887%
63	11.348	850	854	855 rVV2	2344734	3862789	83.19%	3.254%
64	11.382	855	857	858 rVB	301062	373030	8.03%	0.314%
65	11.451	861	863	864 rBV	504352	661612	14.25%	0.557%
66	11.565	869	873	876 rBV5	1004814	2569785	55.34%	2.165%
67	11.633	876	879	883 rVB2	890572	1577148	33.97%	1.329%
68	11.759	886	890	894 rBV2	1504950	3630461	78.19%	3.058%
69	11.874	896	900	902 rVV	1896849	3878610	83.53%	3.268%
70	11.908	902	903	907 rVB	1480349	2158632	46.49%	1.819%
71	12.068	912	917	919 rBV3	1380606	3366002	72.49%	2.836%

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72	12.114	919	921	924	rVB2	578692	980075	21.11%	0.826%
73	12.182	924	927	929	rBV	893919	2024829	43.61%	1.706%
74	12.285	934	936	939	rVB2	599648	1237771	26.66%	1.043%
75	12.342	939	941	943	rBV2	287644	511257	11.01%	0.431%
76	12.388	943	945	948	rBV3	776932	1552446	33.43%	1.308%
77	12.445	948	950	952	rVB3	509525	679886	14.64%	0.573%
78	12.502	952	955	956	rBV3	387405	879031	18.93%	0.741%
79	12.594	960	963	966	rBV2	624887	1652842	35.60%	1.392%
80	12.742	973	976	980	rBV3	972039	3102446	66.82%	2.614%
81	12.822	980	983	985	rVV2	784631	1421030	30.60%	1.197%
82	12.936	988	993	995	rBV2	1336915	3088470	66.52%	2.602%
83	13.039	1000	1002	1003	rBV	261631	358867	7.73%	0.302%
84	13.291	1021	1024	1028	rVB6	753757	1573862	33.90%	1.326%
85	13.382	1028	1032	1034	rBV4	960735	2005093	43.18%	1.689%
86	13.508	1041	1043	1044	rBV	556209	806770	17.38%	0.680%
87	13.588	1048	1050	1052	rVV	438818	847856	18.26%	0.714%
88	13.714	1057	1061	1064	rVB4	1038940	2231576	48.06%	1.880%
89	13.919	1077	1079	1082	rVB2	587789	762387	16.42%	0.642%
90	14.022	1086	1088	1092	rVB	994221	1805046	38.87%	1.521%
91	14.239	1105	1107	1111	rVB4	590312	1068334	23.01%	0.900%
92	14.308	1111	1113	1115	rBV2	466270	887269	19.11%	0.747%
93	14.582	1133	1137	1144	rVB6	594217	1879471	40.48%	1.583%
94	14.800	1152	1156	1158	rBV3	448383	1301175	28.02%	1.096%
95	14.960	1168	1170	1174	rBV3	381651	1105504	23.81%	0.931%
96	15.017	1174	1175	1177	rVB	587968	802960	17.29%	0.676%
97	17.154	1359	1362	1365	rVB	1720254	2264240	48.76%	1.907%
98	18.503	1477	1480	1483	rVB	478691	616233	13.27%	0.519%
99	18.560	1483	1485	1487	rVB	349699	363249	7.82%	0.306%
100	20.160	1623	1625	1628	rVB	358335	405140	8.73%	0.341%

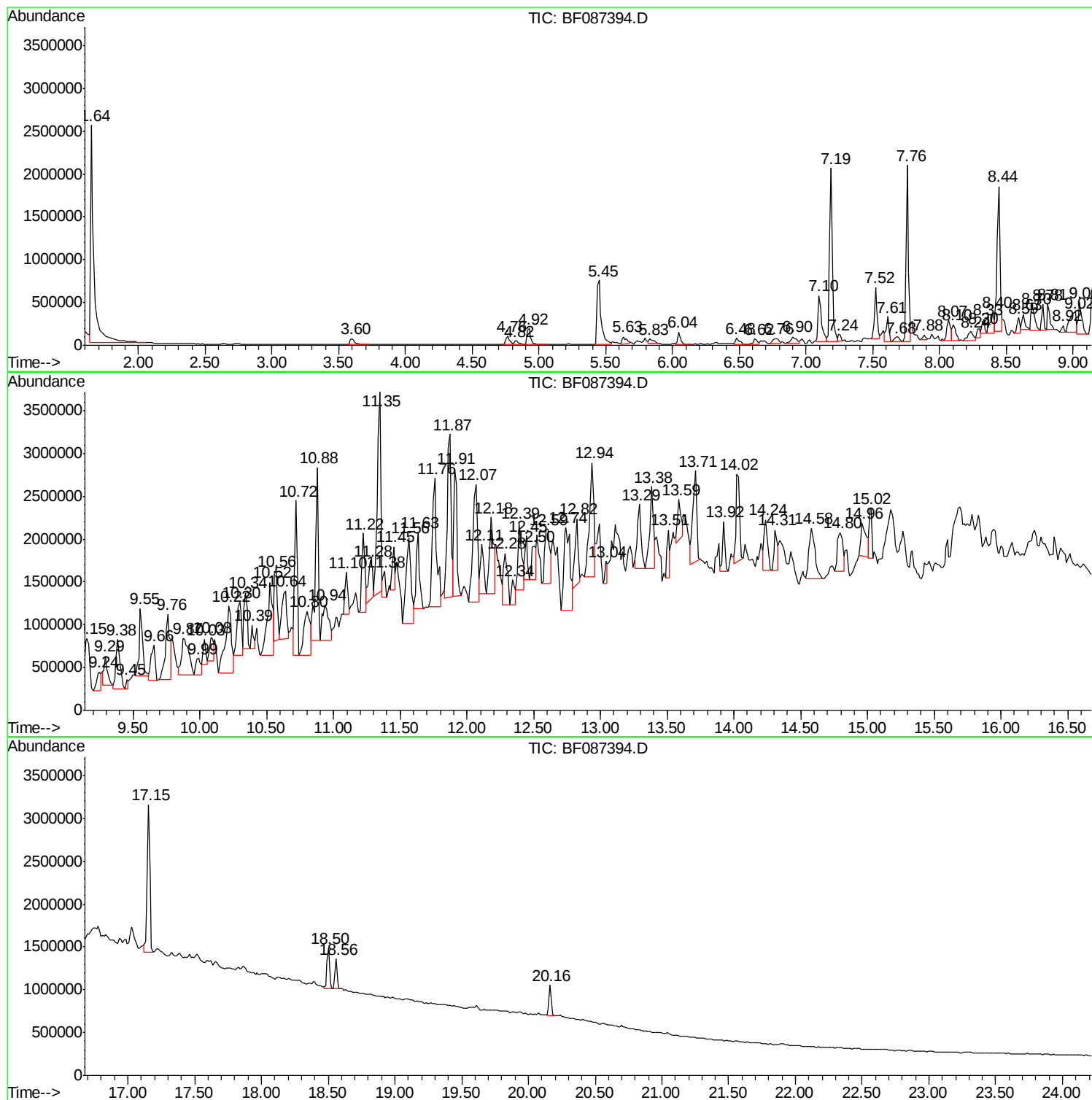
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VE3-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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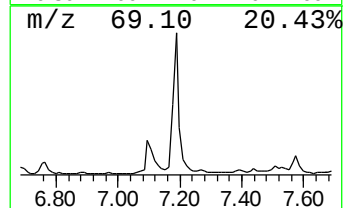
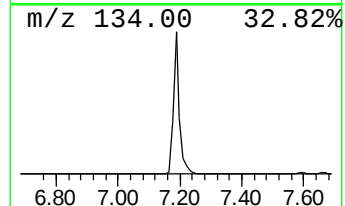
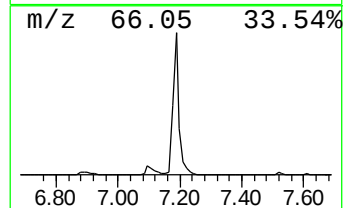
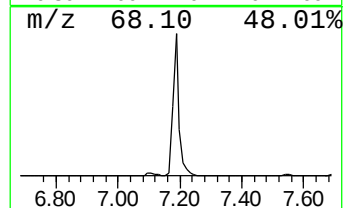
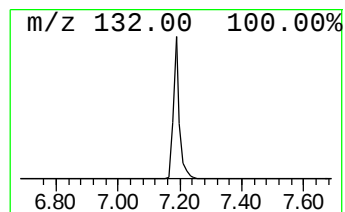
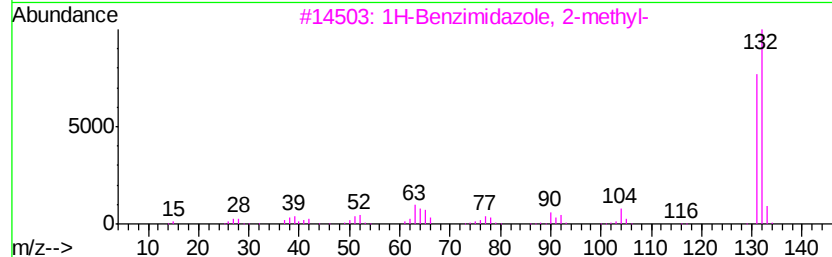
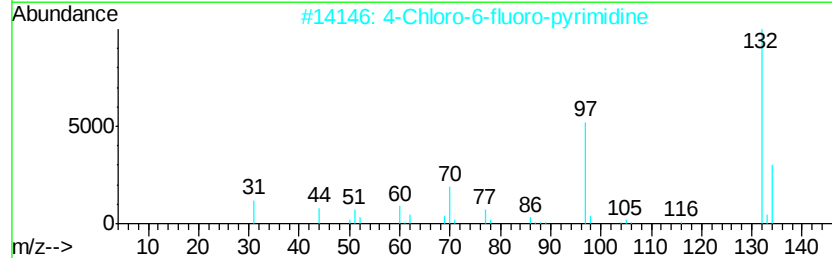
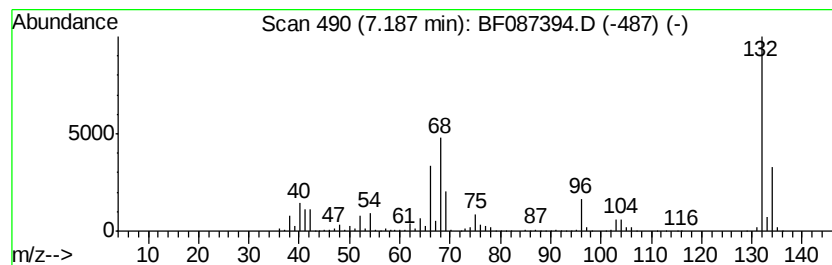
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.19 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	65.90 ng	2792550	1,4-Dichlorobenzene-d4	7.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	10



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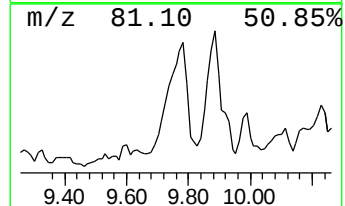
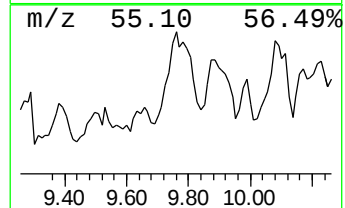
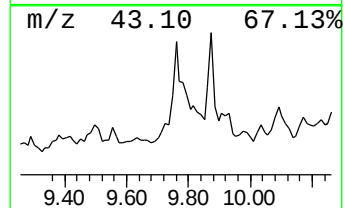
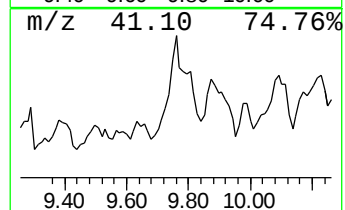
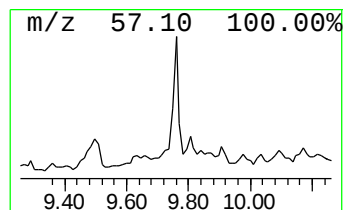
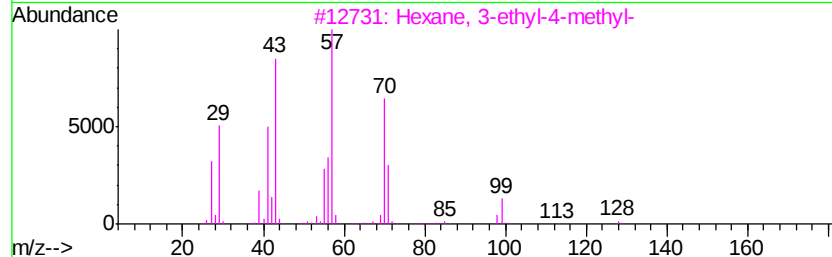
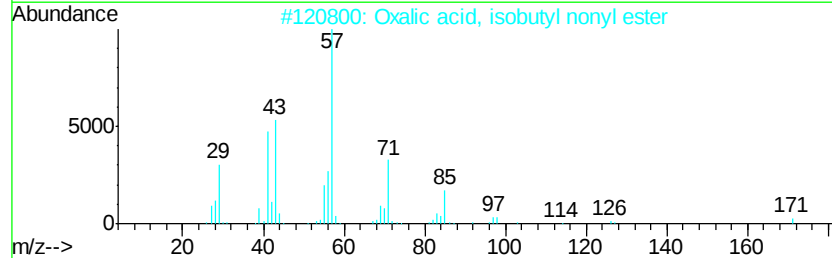
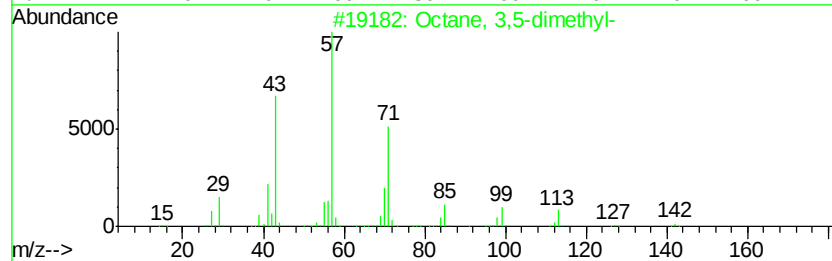
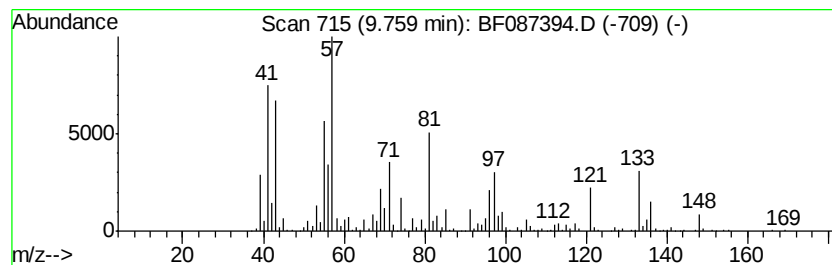
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown9.76 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	28.13 ng	1963560	Naphthalene-d8	9.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	35
2		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	35
3		Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	35
4		Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	35
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	35



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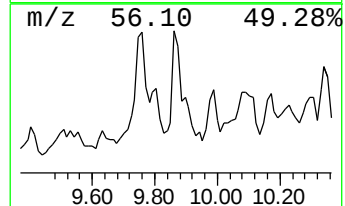
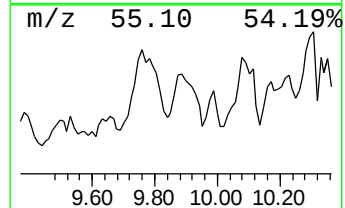
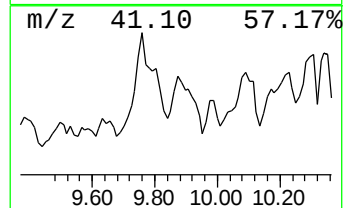
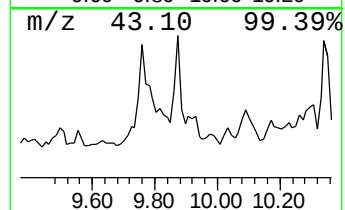
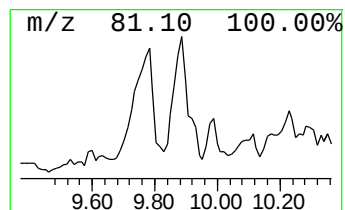
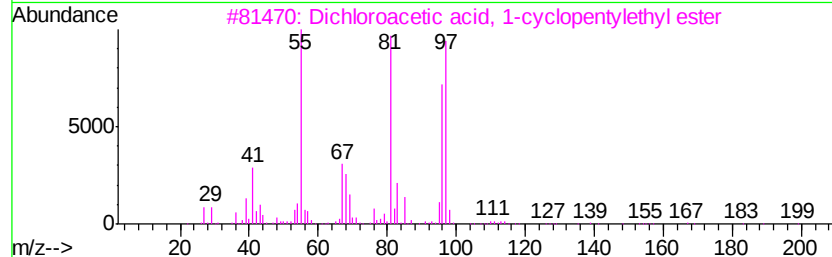
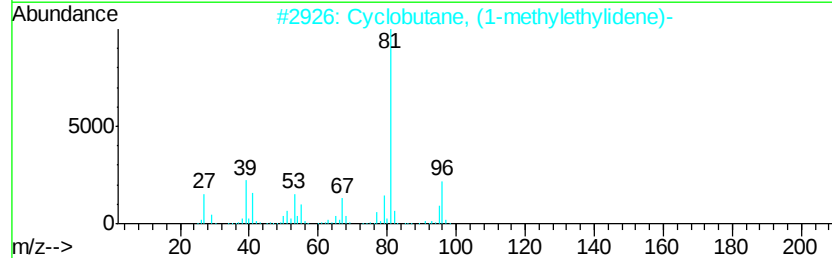
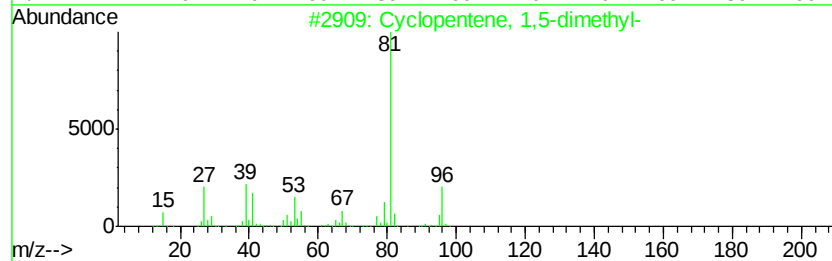
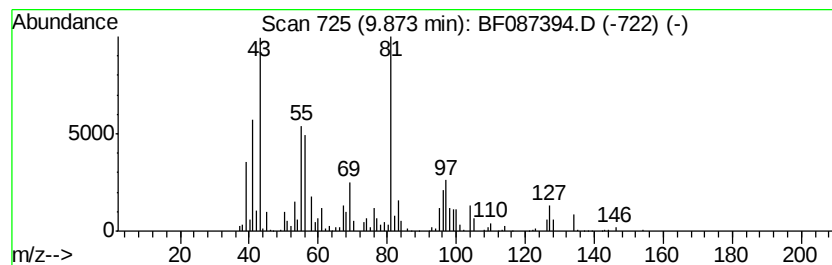
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.87 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	23.65 ng	1650960	Napthalene-d8	9.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	45
2		Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	43
3		Dichloroacetic acid, 1-cyclopent...	224	C9H14Cl2O2	1000282-56-3	37
4		Formic acid, trans-4-methylcyclo...	142	C8H14O2	1000368-24-5	35
5		Formic acid, cis-4-methylcyclohe...	142	C8H14O2	1000368-24-7	35



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ClientSampleId :
VE3-1

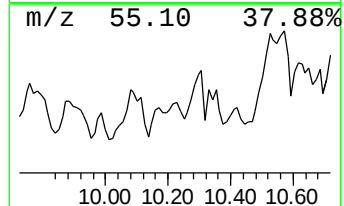
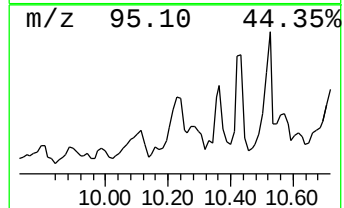
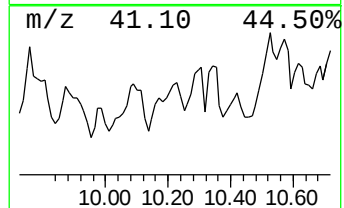
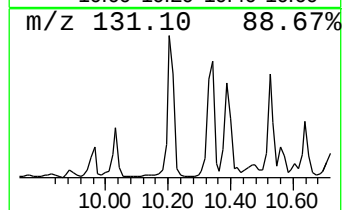
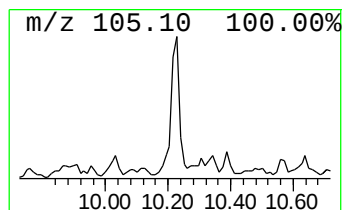
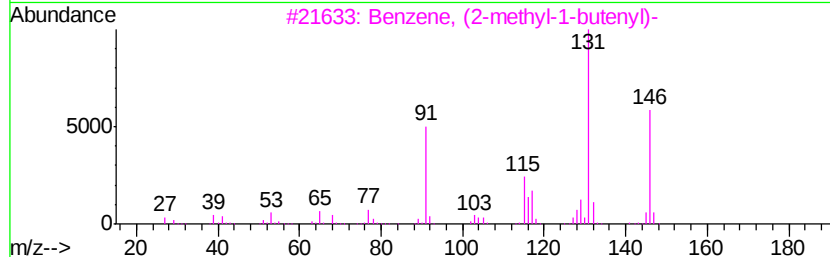
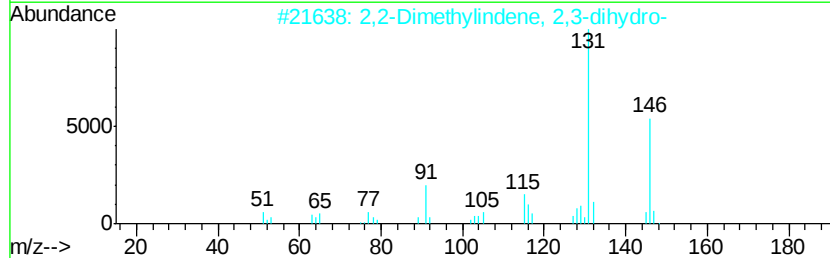
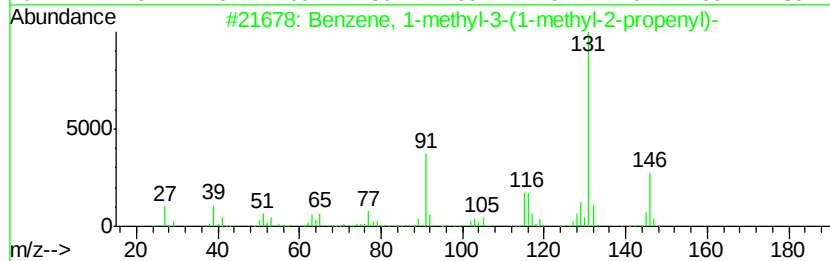
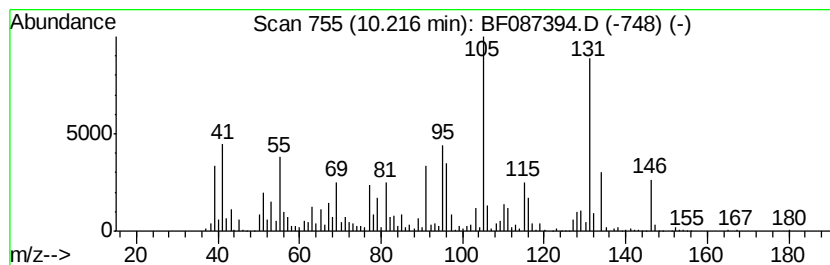
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-methyl-3-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	37.14 ng	2592480	Napthalene-d8	9.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	64
2		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
3		Benzene, (2-methyl-1-butenvl)-	146	C11H14	056253-64-6	64
4		Benzene, (1-methyl-1-butenvl)-	146	C11H14	053172-84-2	60
5		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087394.D
Acq On : 26 May 2016 4:11
Operator : UM/SJ
Sample : H3212-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VE3-1

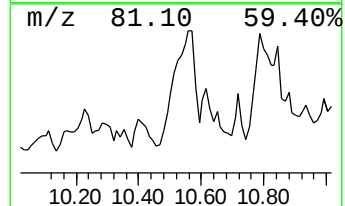
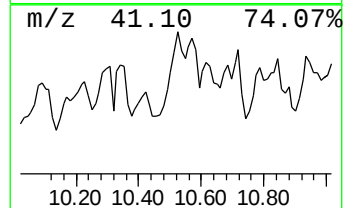
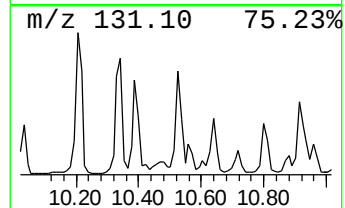
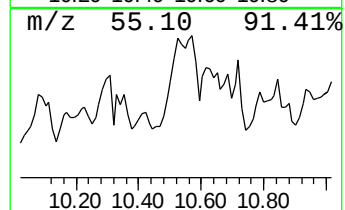
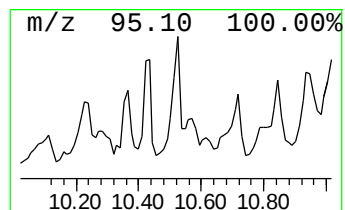
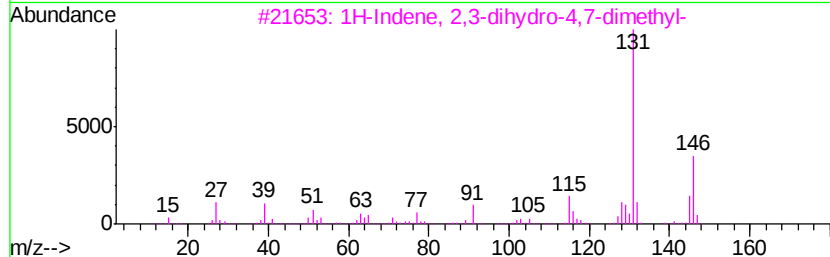
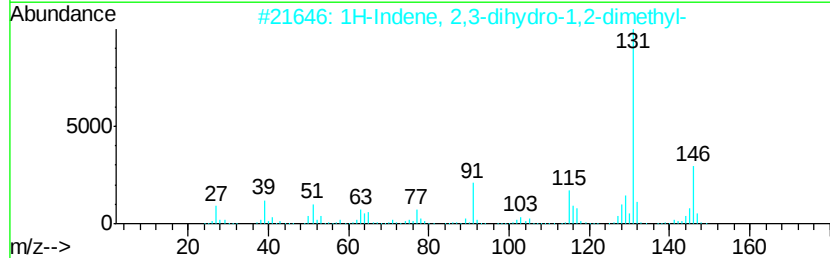
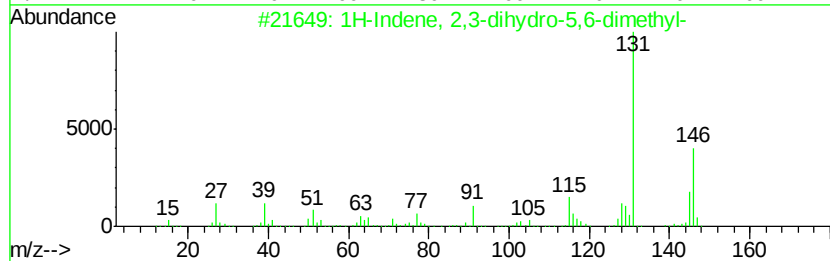
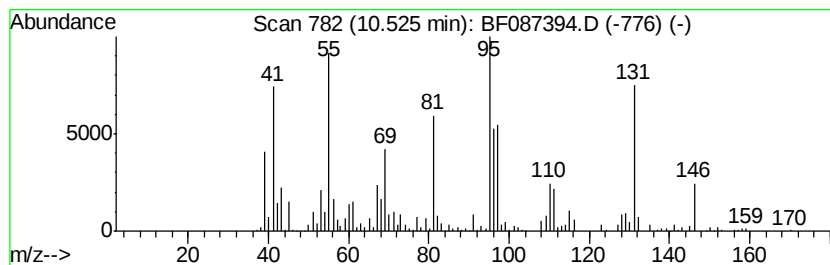
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown10.52 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	33.77 ng	2356950	Naphthalene-d8	9.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	35
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	35
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	35
4		1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	35
5		1H-Imidazole, 2-ethyl-	96	C5H8N2	001072-62-4	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087394.D
Acq On : 26 May 2016 4:11
Operator : UM/SJ
Sample : H3212-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

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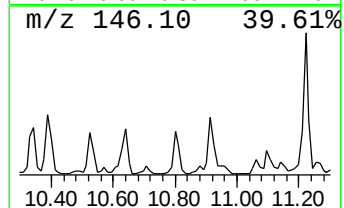
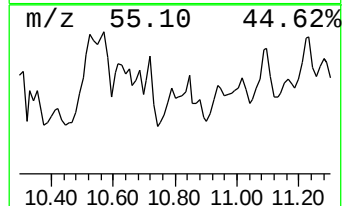
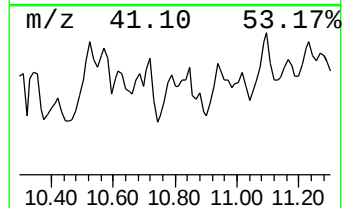
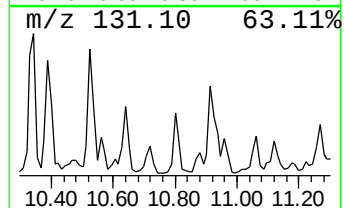
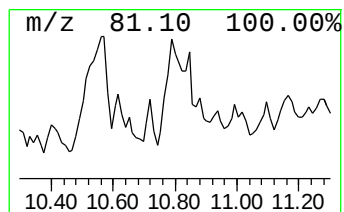
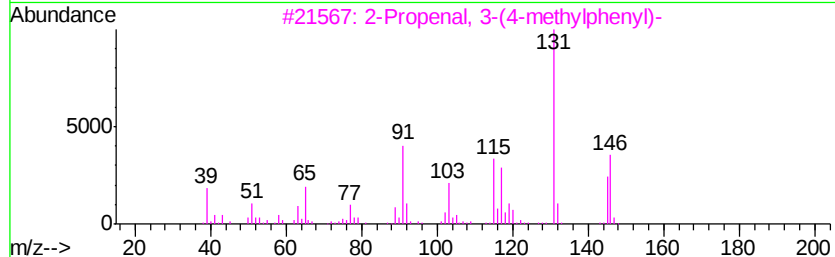
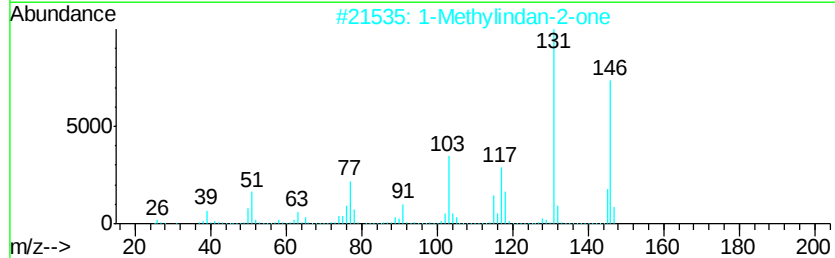
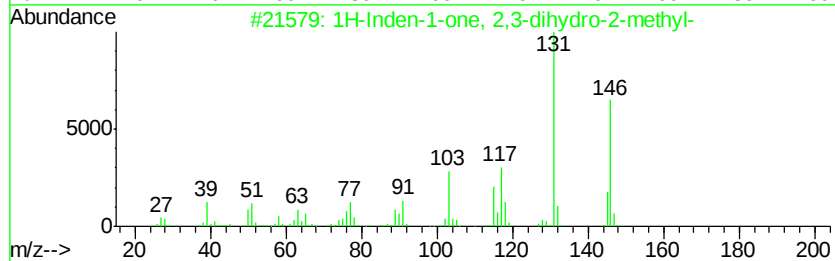
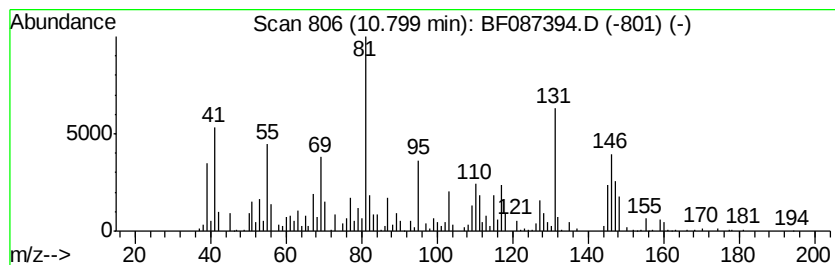
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	25.80 ng	1800350	Napthalene-d8	9.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	83
2		1-Methylindan-2-one	146	C10H10O	035587-60-1	42
3		2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	38
4		Benzene, (2-methyl-1-methylenepyr...	146	C11H14	017498-71-4	38
5		2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087394.D
Acq On : 26 May 2016 4:11
Operator : UM/SJ
Sample : H3212-08
Misc :
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Instrument :
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ClientSampleId :
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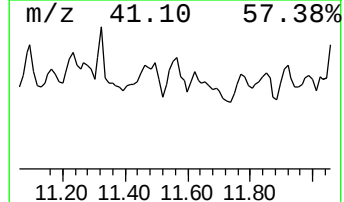
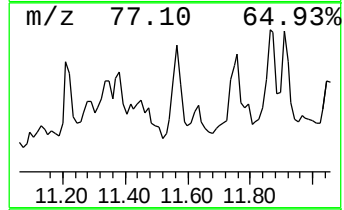
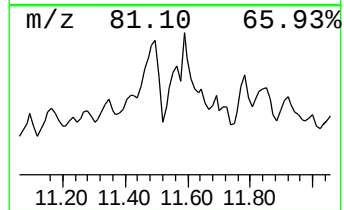
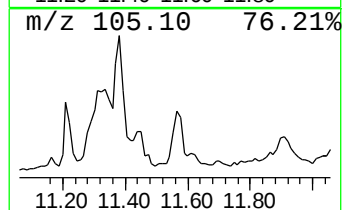
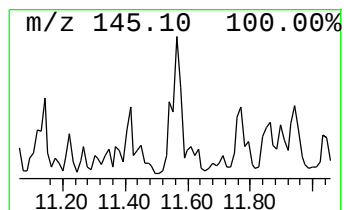
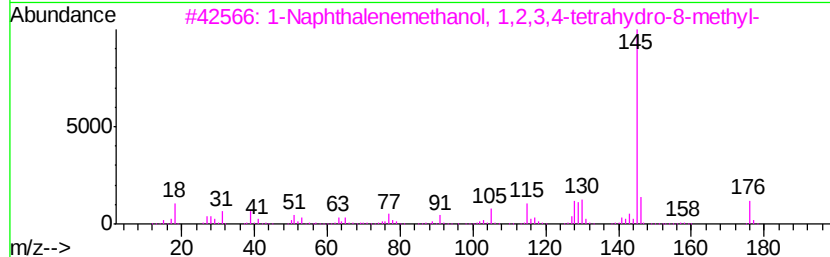
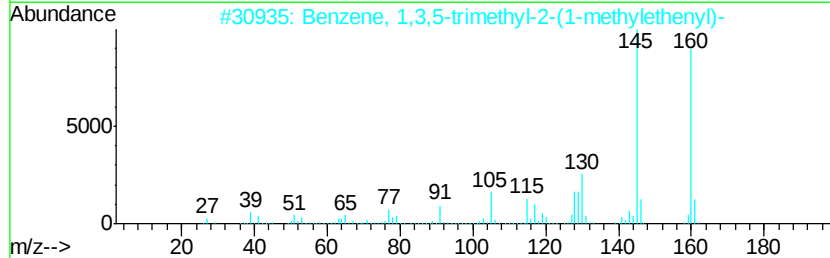
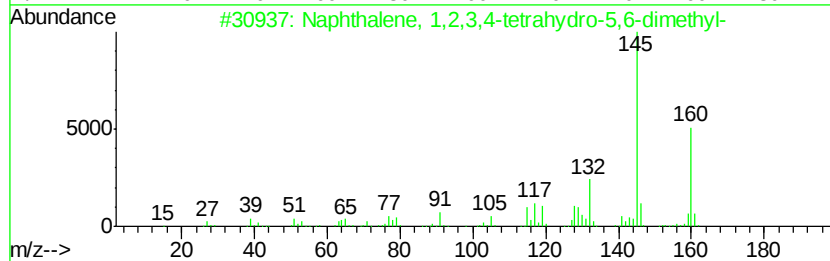
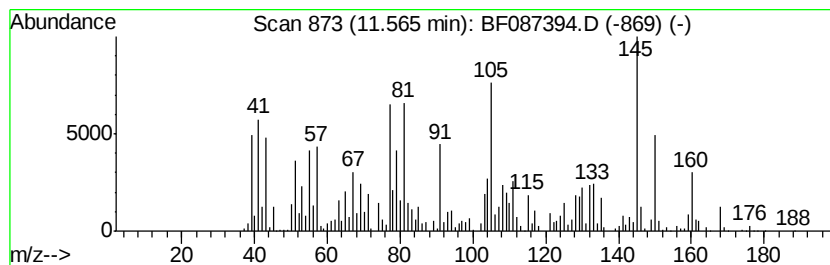
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	33.11 ng	2569790	Acenaphthene-d10	12.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	84
2		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	83
3		1-Naphthalenemethanol, 1,2,3,4-t...	176	C12H16O	036052-28-5	74
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	55
5		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087394.D
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Misc :
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ClientSampleId :
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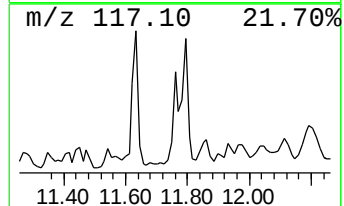
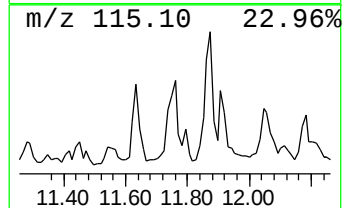
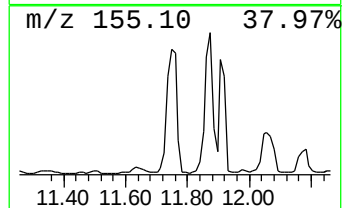
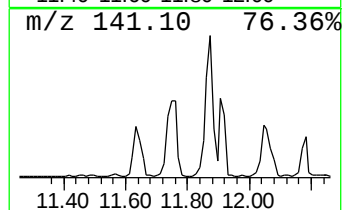
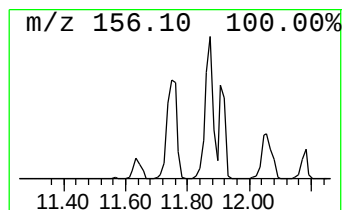
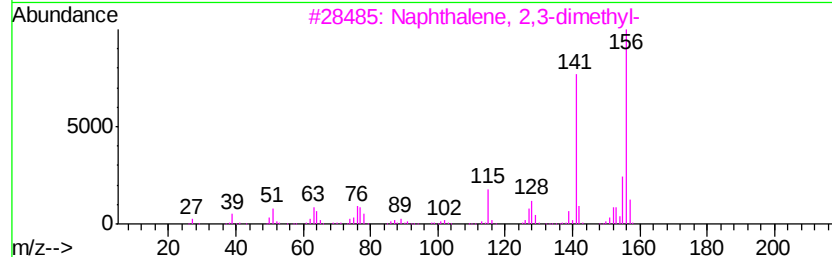
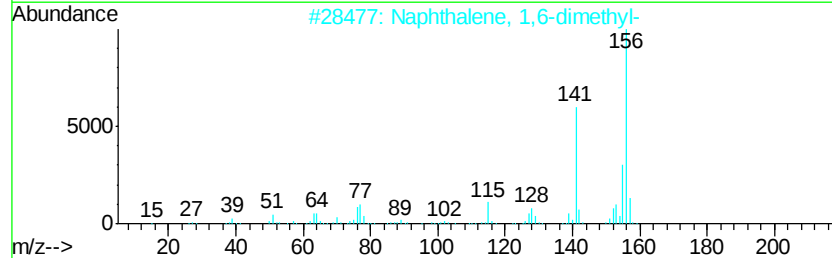
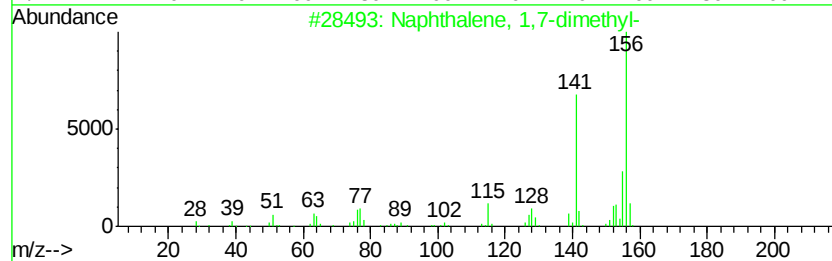
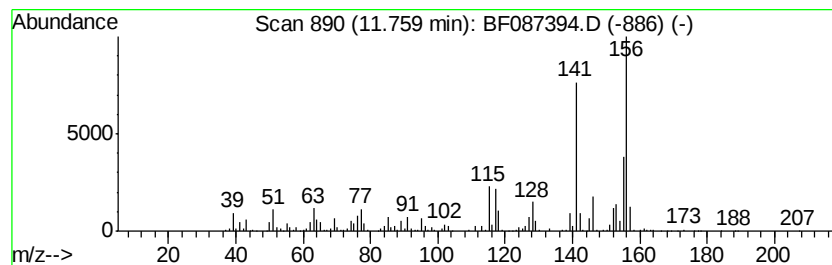
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	46.77 ng	3630460	Acenaphthene-d10	12.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
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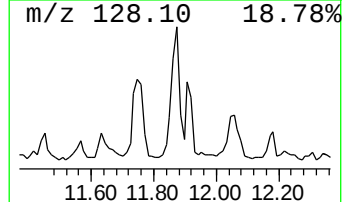
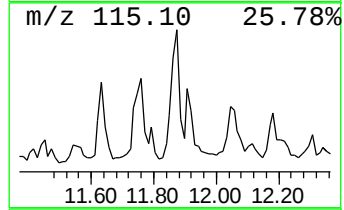
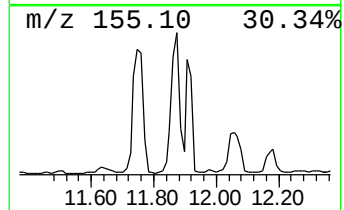
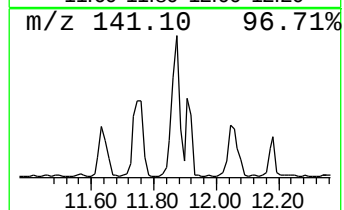
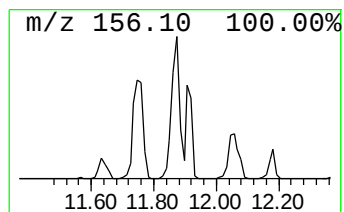
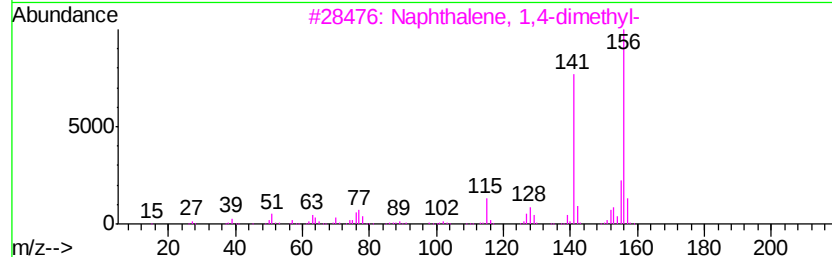
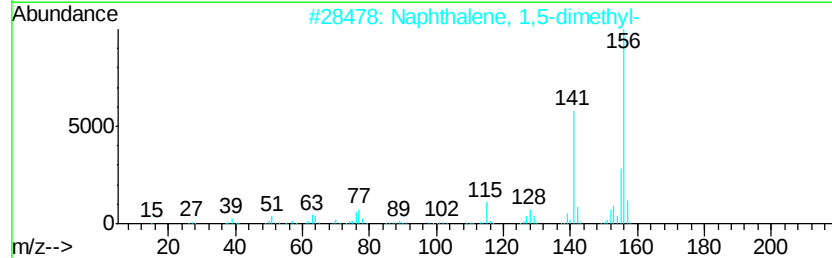
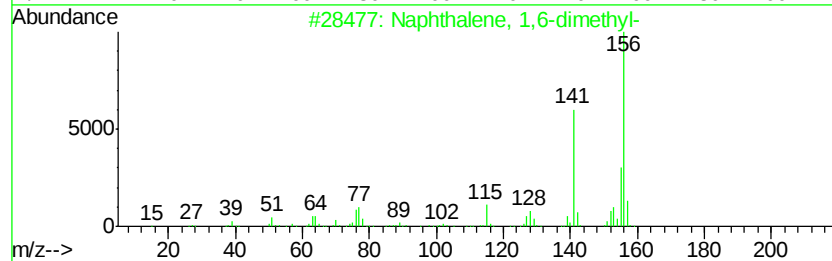
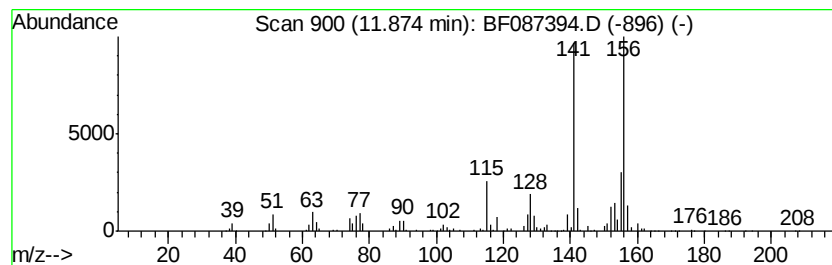
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	49.97 ng	3878610	Acenaphthene-d10	12.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087394.D
Acq On : 26 May 2016 4:11
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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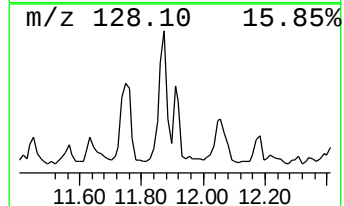
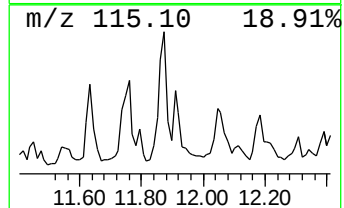
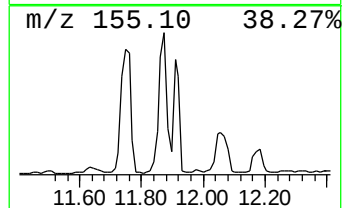
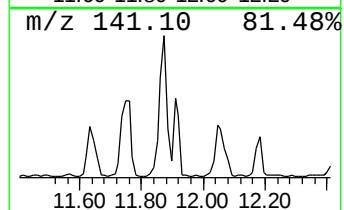
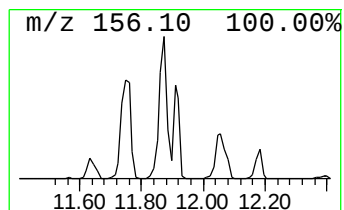
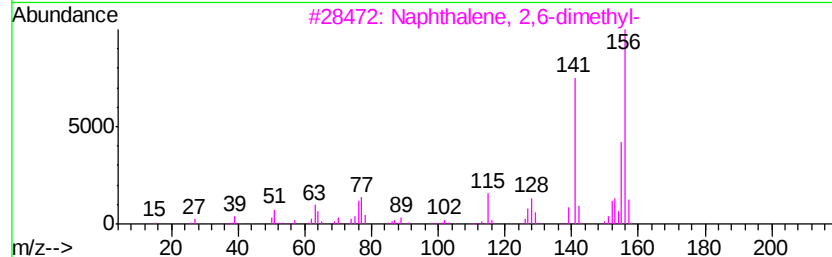
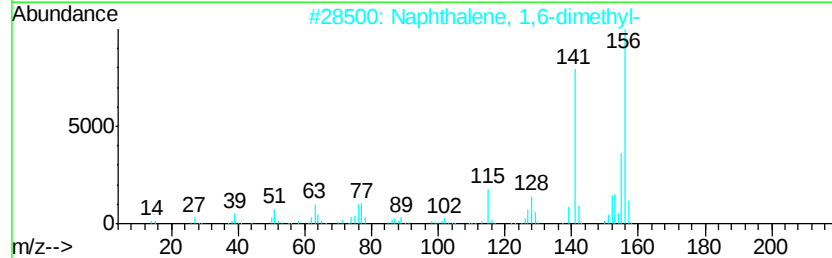
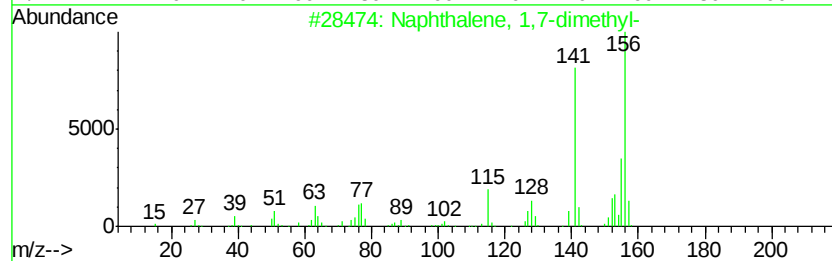
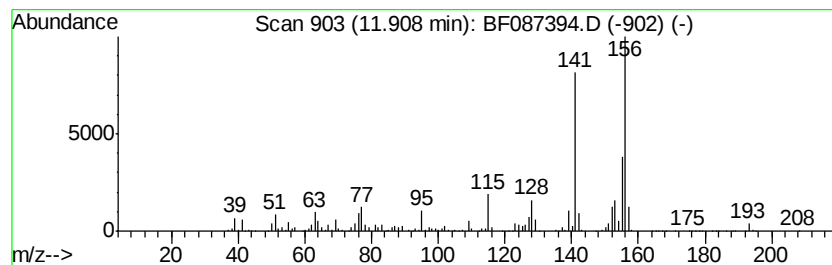
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	27.81 ng	2158630	Acenaphthene-d10	12.39

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087394.D
Acq On : 26 May 2016 4:11
Operator : UM/SJ
Sample : H3212-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VE3-1

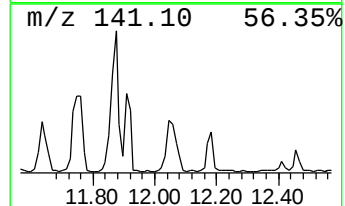
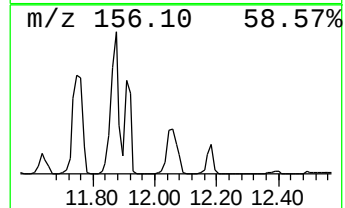
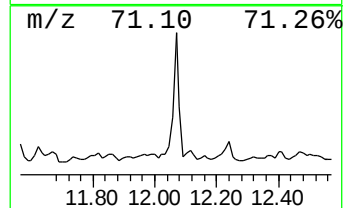
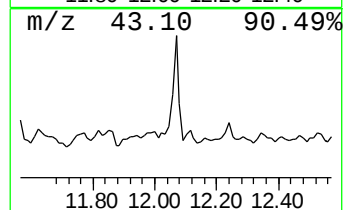
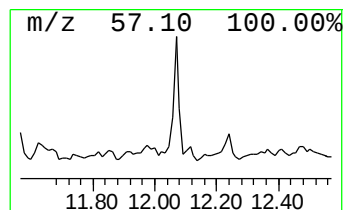
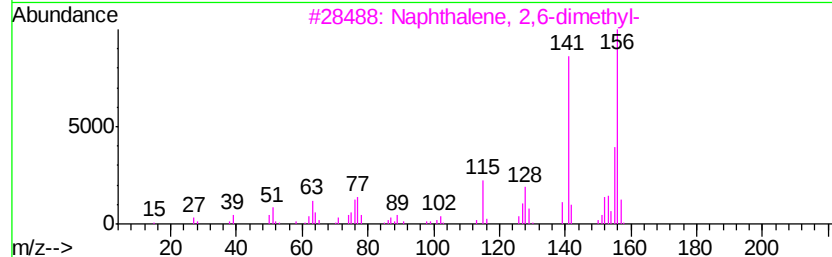
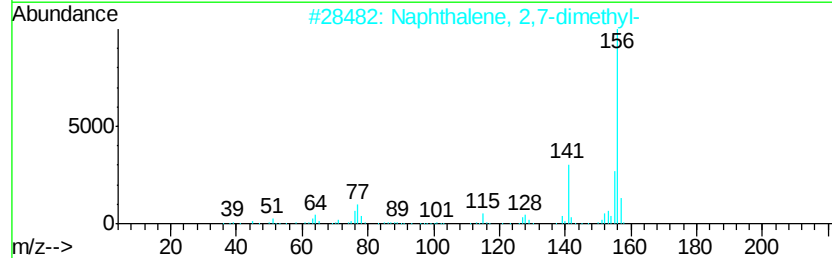
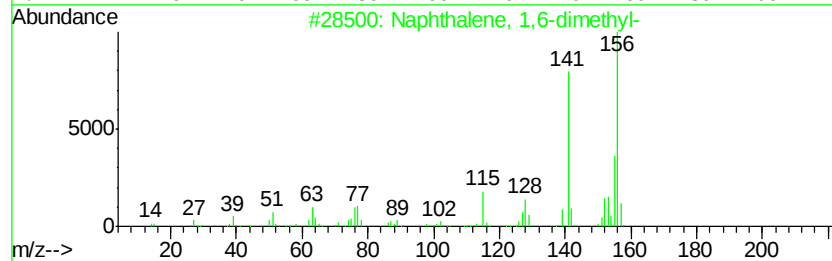
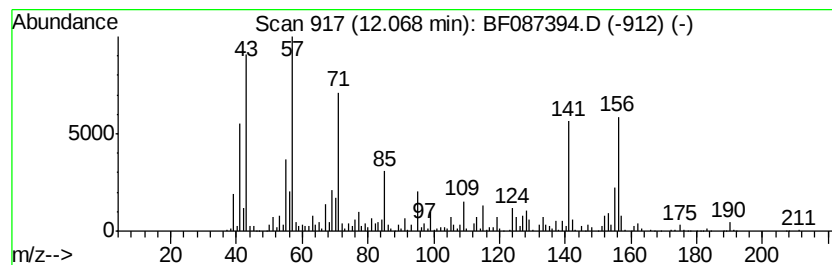
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	43.36 ng	3366000	Acenaphthene-d10	12.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
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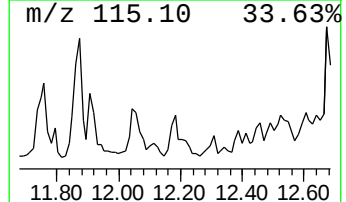
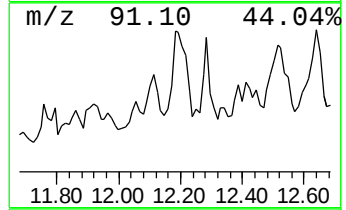
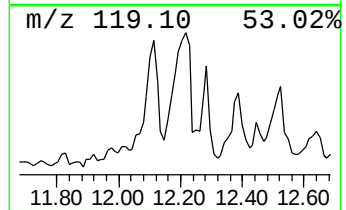
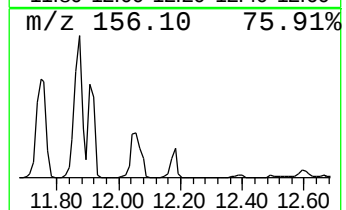
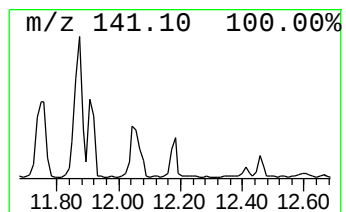
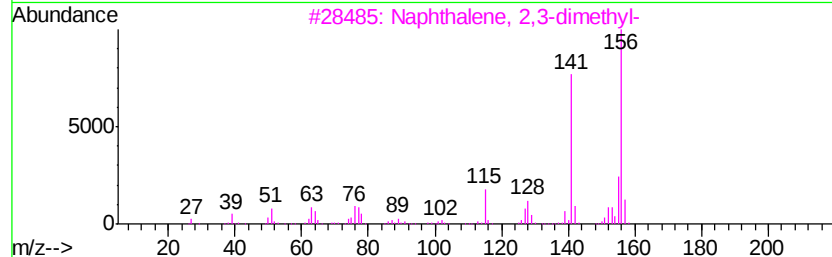
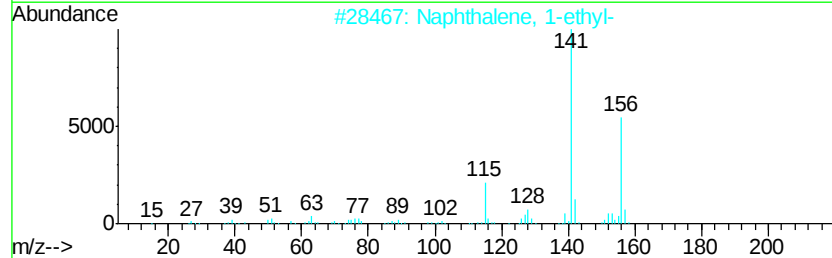
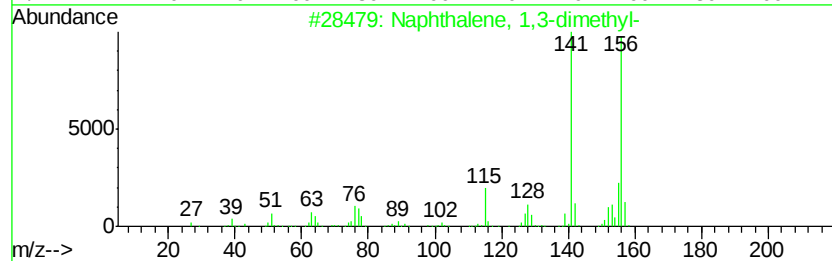
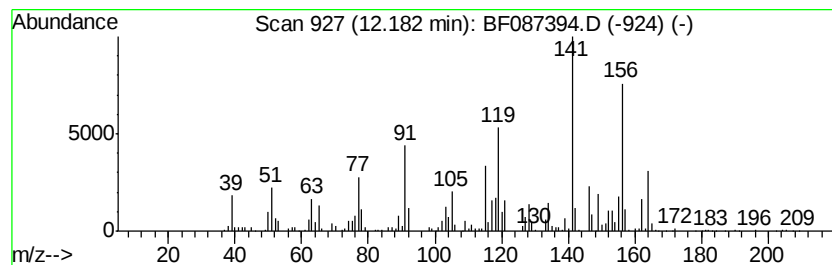
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	26.09 ng	2024830	Acenaphthene-d10	12.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	89
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087394.D
Acq On : 26 May 2016 4:11
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Sample : H3212-08
Misc :
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Instrument :
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ClientSampleId :
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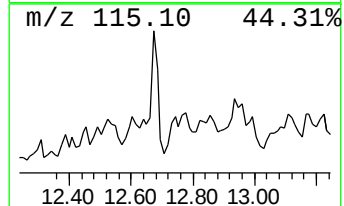
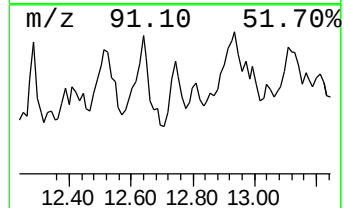
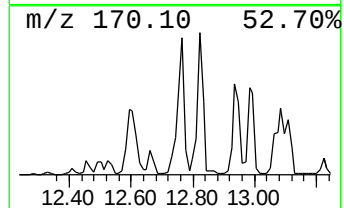
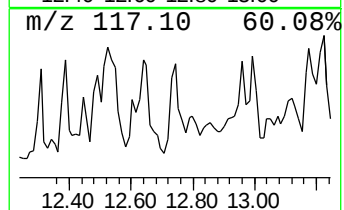
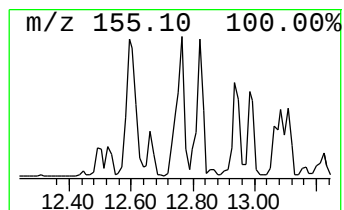
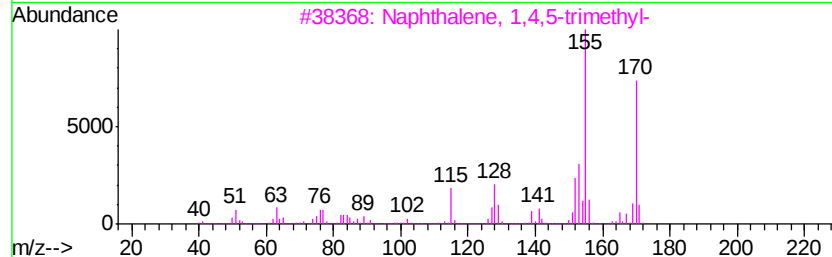
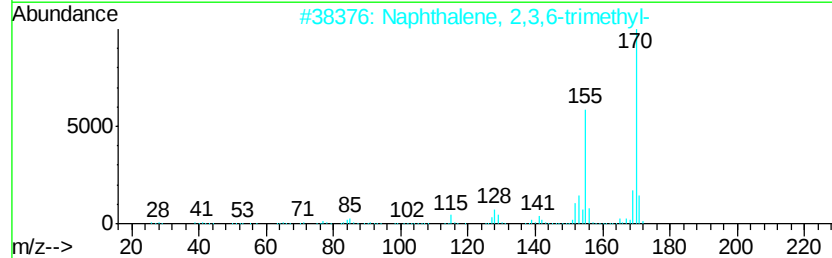
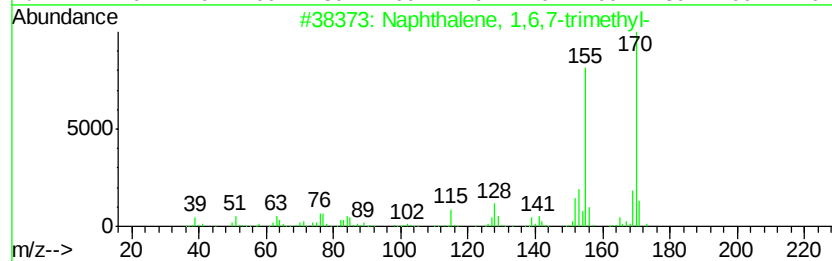
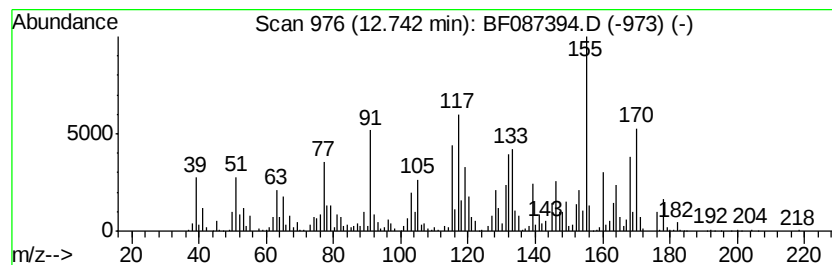
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	39.97 ng	3102450	Acenaphthene-d10	12.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	84
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	60
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	49
5		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
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Acq On : 26 May 2016 4:11
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Misc :
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ClientSampleId :
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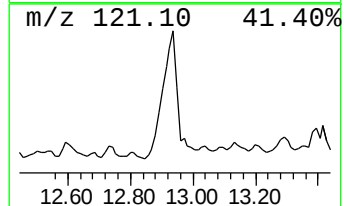
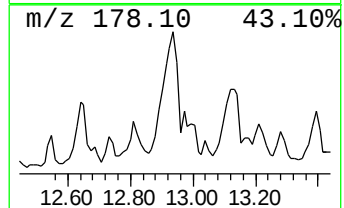
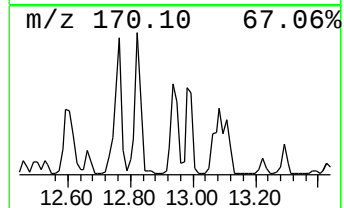
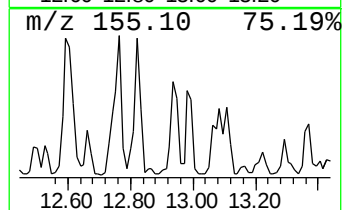
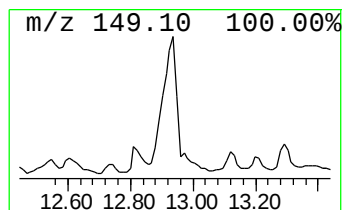
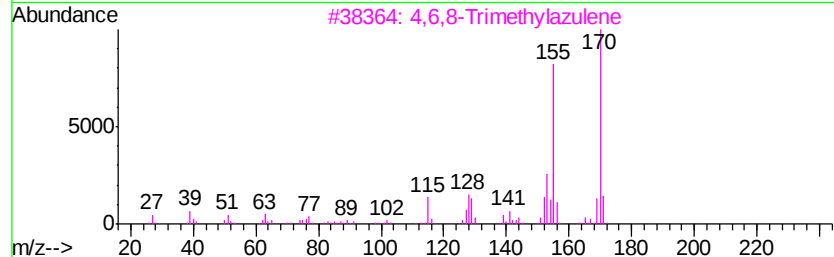
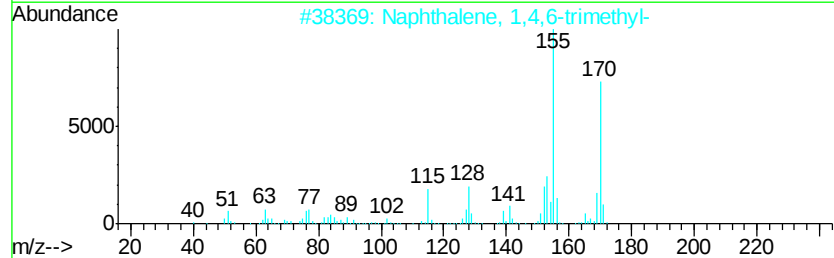
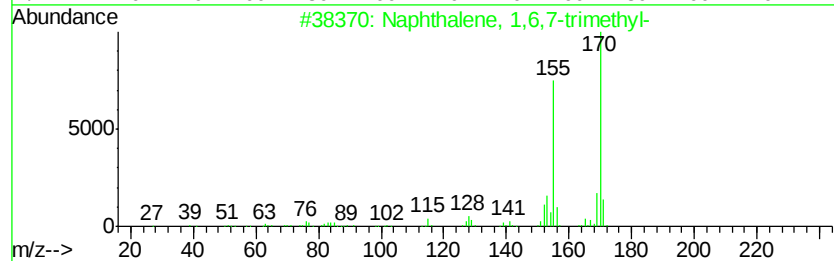
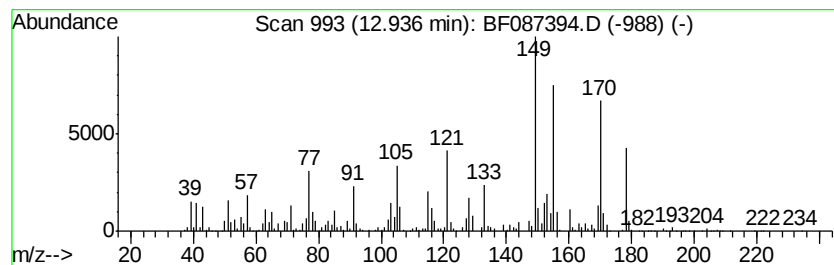
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	39.79 ng	3088470	Acenaphthene-d10	12.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
3		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	80
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	56



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087394.D
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ClientSampleId :
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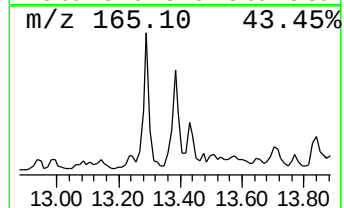
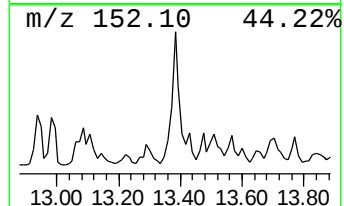
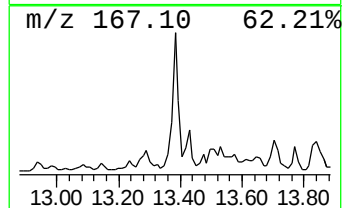
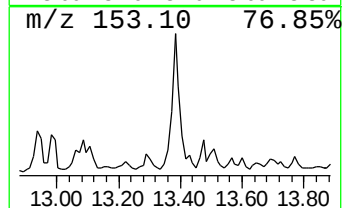
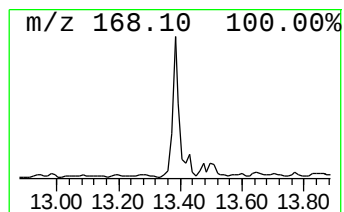
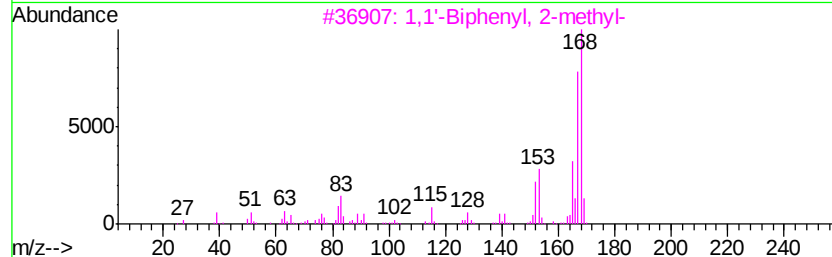
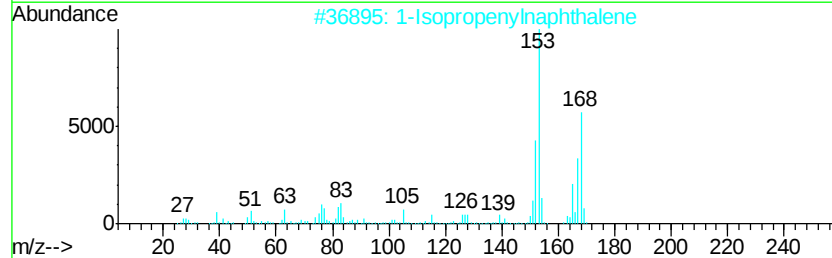
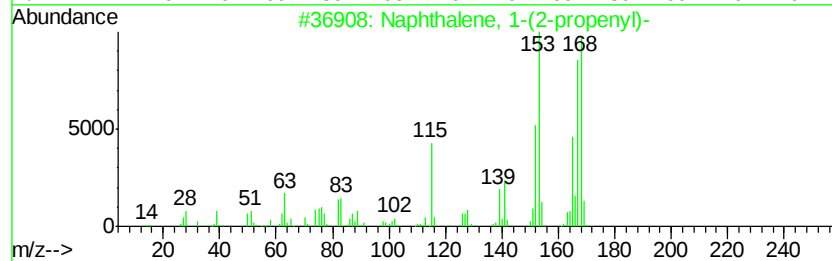
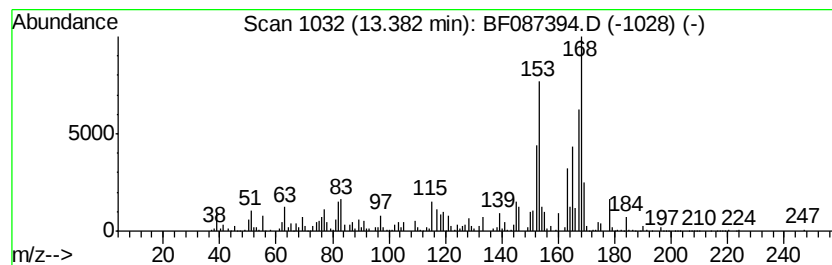
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 1-(2-propenyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	25.83 ng	2005090	Acenaphthene-d10	12.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
2		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	58
3		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50
4		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	50
5		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087394.D
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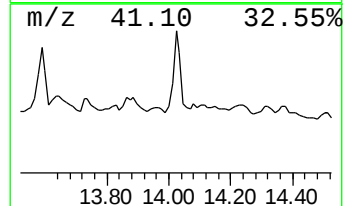
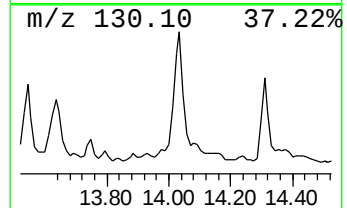
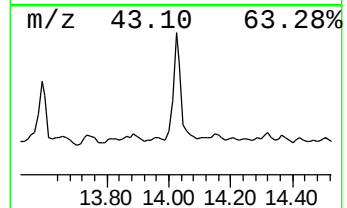
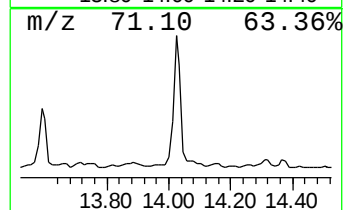
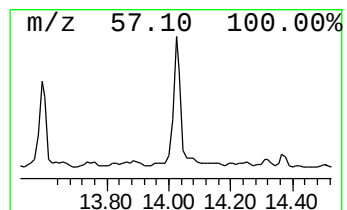
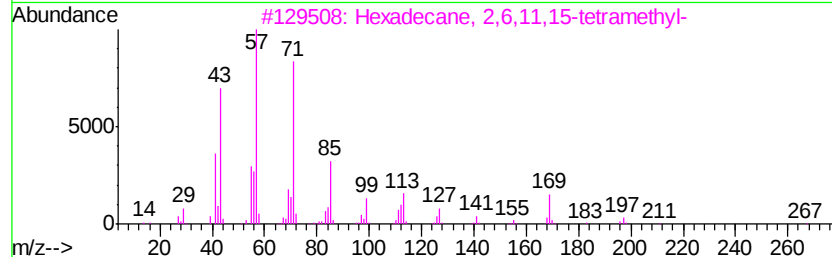
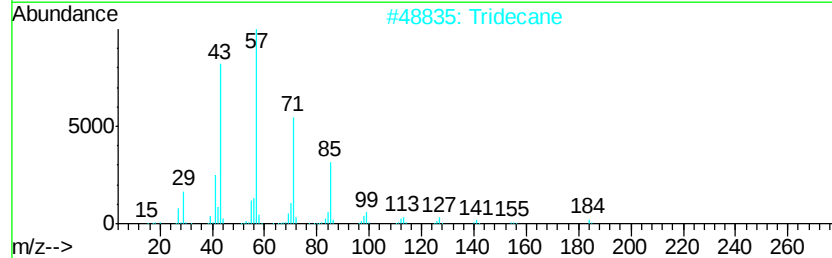
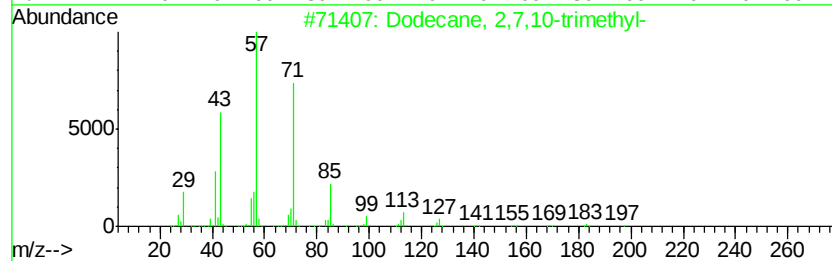
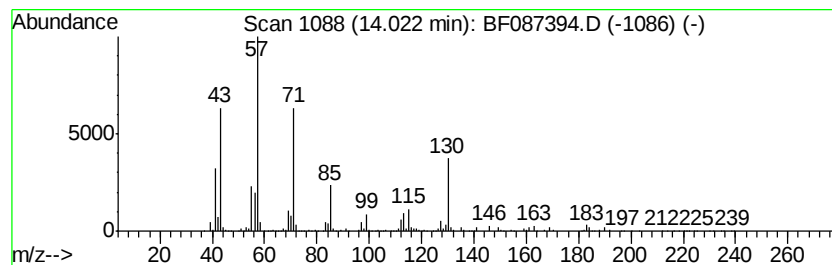
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dodecane, 2,7,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	27.74 ng	1805050	Phenanthrene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
2		Tridecane	184	C13H28	000629-50-5	58
3		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58
4		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	52
5		Octane, 2-methyl-	128	C9H20	003221-61-2	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087394.D
Acq On : 26 May 2016 4:11
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Sample : H3212-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
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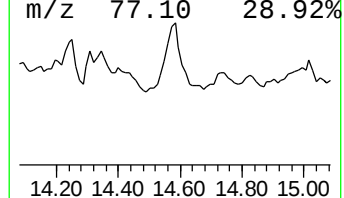
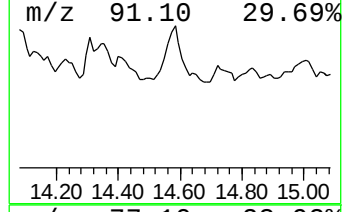
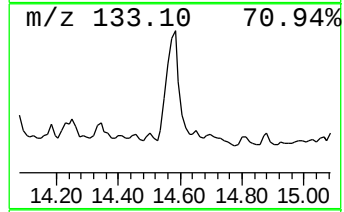
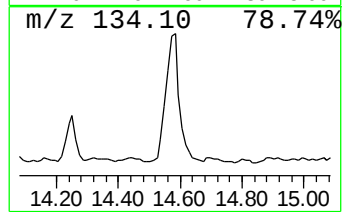
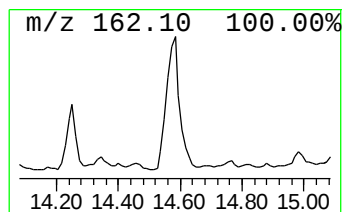
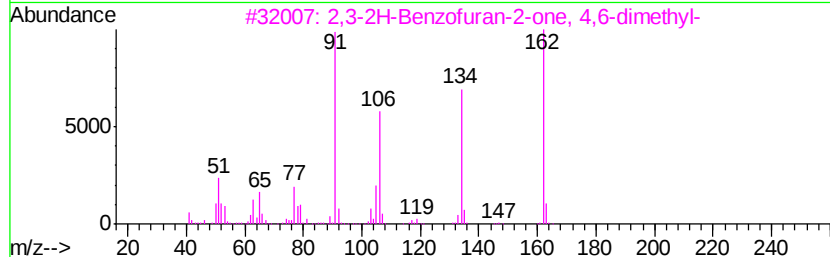
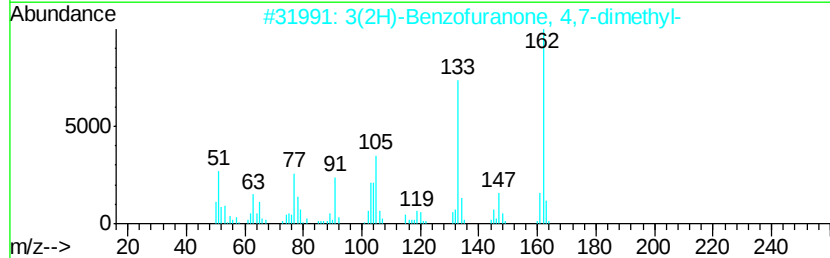
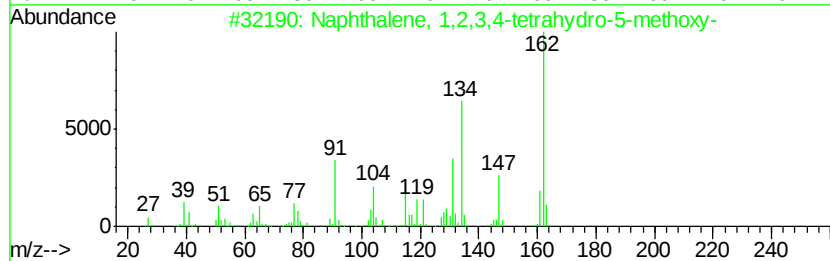
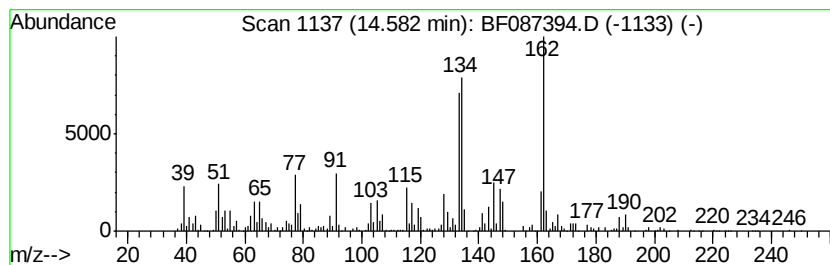
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	28.89 ng	1879470	Phenanthrene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	162	C11H14O	001008-19-1	62
2		3(2H)-Benzofuranone, 4,7-dimethyl-	162	C10H10O2	020895-45-8	60
3		2,3-2H-Benzofuran-2-one, 4,6-dim...	162	C10H10O2	033901-25-6	60
4		Benzaldehyde, 4-ethyl-	134	C9H10O	004748-78-1	55
5		2(3H)-Benzofuranone, 3,3-dimethyl-	162	C10H10O2	013524-76-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
 Data File : BF087394.D
 Acq On : 26 May 2016 4:11
 Operator : UM/SJ
 Sample : H3212-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE3-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.19	7.19	65.9	ng	2792550	1	7.52	847532	20.0
unknown9.76	9.76	28.1	ng	1963560	2	9.55	1395890	20.0
unknown9.87	9.87	23.6	ng	1650960	2	9.55	1395890	20.0
Benzene, 1-methyl...	10.22	37.1	ng	2592480	2	9.55	1395890	20.0
unknown10.52	10.52	33.8	ng	2356950	2	9.55	1395890	20.0
1H-Inden-1-one, 2...	10.80	25.8	ng	1800350	2	9.55	1395890	20.0
Naphthalene, 1,2,...	11.56	33.1	ng	2569790	3	12.39	1552450	20.0
Naphthalene, 1,7-...	11.76	46.8	ng	3630460	3	12.39	1552450	20.0
Naphthalene, 1,6-...	11.87	50.0	ng	3878610	3	12.39	1552450	20.0
Naphthalene, 2,6-...	11.91	27.8	ng	2158630	3	12.39	1552450	20.0
Naphthalene, 2,7-...	12.07	43.4	ng	3366000	3	12.39	1552450	20.0
Naphthalene, 1,3-...	12.18	26.1	ng	2024830	3	12.39	1552450	20.0
Naphthalene, 1,6,...	12.74	40.0	ng	3102450	3	12.39	1552450	20.0
Naphthalene, 1,4,...	12.94	39.8	ng	3088470	3	12.39	1552450	20.0
Naphthalene, 1-(2...	13.38	25.8	ng	2005090	3	12.39	1552450	20.0
Dodecane, 2,7,10-...	14.02	27.7	ng	1805050	4	14.80	1301180	20.0
Naphthalene, 1,2,...	14.58	28.9	ng	1879470	4	14.80	1301180	20.0