

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
 Data File : BF097069.D
 Acq On : 26 Jul 2017 12:23
 Operator : SJ/JU
 Sample : I4443-01 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M6-BASE

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-BF072517.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	4.622	461	465	474	rVV	50560	64137	4.85%	0.261%
2	4.704	474	479	488	rVB	98425	108423	8.20%	0.441%
3	5.093	541	545	558	rBV	498946	608454	46.04%	2.478%
4	6.093	712	715	720	rBV	55378	50689	3.84%	0.206%
5	6.151	722	725	735	rVV	526603	643474	48.69%	2.620%
6	6.234	735	739	742	rVV	207505	206334	15.61%	0.840%
7	6.263	742	744	751	rVV	619835	595823	45.09%	2.426%
8	6.322	751	754	756	rVV	78736	68124	5.15%	0.277%
9	6.493	779	783	788	rBV	841504	760209	57.53%	3.096%
10	6.645	805	809	819	rVB	377679	442779	33.51%	1.803%
11	6.781	829	832	836	rVV	113312	114516	8.67%	0.466%
12	6.828	836	840	843	rVV	225363	221989	16.80%	0.904%
13	6.898	848	852	855	rVV2	88402	92947	7.03%	0.378%
14	6.975	859	865	866	rBV	106070	109424	8.28%	0.446%
15	6.993	866	868	871	rVV	98108	89057	6.74%	0.363%
16	7.040	871	876	878	rVV	297267	352600	26.68%	1.436%
17	7.057	878	879	887	rVV2	386231	327558	24.79%	1.334%
18	7.157	891	896	899	rVV3	74932	88030	6.66%	0.358%
19	7.187	899	901	904	rVV2	79232	76739	5.81%	0.312%
20	7.228	904	908	911	rVB3	47089	55852	4.23%	0.227%
21	7.275	911	916	918	rBV	264502	252412	19.10%	1.028%
22	7.304	918	921	925	rVB	423579	351708	26.61%	1.432%
23	7.416	938	940	943	rVV3	70379	65205	4.93%	0.266%
24	7.451	943	946	949	rVB3	140414	141364	10.70%	0.576%
25	7.522	954	958	961	rBV3	332525	405962	30.72%	1.653%
26	7.563	961	965	968	rVB3	117019	121829	9.22%	0.496%
27	7.598	968	971	973	rBV	96769	105706	8.00%	0.430%
28	7.663	978	982	984	rBV	103955	96952	7.34%	0.395%
29	7.751	990	997	998	rBV2	73033	117164	8.87%	0.477%
30	7.781	998	1002	1004	rVV	1014952	1204153	91.12%	4.903%
31	7.798	1004	1005	1014	rVV2	820310	788666	59.68%	3.211%
32	7.869	1014	1017	1018	rVV	105308	107208	8.11%	0.437%
33	7.969	1031	1034	1038	rVV3	60403	96844	7.33%	0.394%
34	8.063	1046	1050	1052	rVV2	75083	124988	9.46%	0.509%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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35	8.087	1052	1054	1056	rVV2	71705	67410	5.10%	0.274%
36	8.169	1066	1068	1075	rVV2	156985	173182	13.10%	0.705%
37	8.228	1075	1078	1080	rVV2	152603	167255	12.66%	0.681%
38	8.251	1080	1082	1084	rVV	134422	121936	9.23%	0.497%
39	8.287	1085	1088	1092	rVV2	110323	159914	12.10%	0.651%
40	8.322	1092	1094	1096	rVV	54410	63833	4.83%	0.260%
41	8.345	1096	1098	1100	rVV	92660	81220	6.15%	0.331%
42	8.369	1100	1102	1104	rVV	81515	75888	5.74%	0.309%
43	8.404	1104	1108	1112	rVV5	61031	133491	10.10%	0.544%
44	8.439	1112	1114	1117	rVV3	56331	72092	5.46%	0.294%
45	8.492	1118	1123	1126	rVB	1451133	1321523	100.00%	5.381%
46	8.557	1131	1134	1135	rVV	50076	54814	4.15%	0.223%
47	8.587	1135	1139	1143	rVV	1056119	1092631	82.68%	4.449%
48	8.622	1143	1145	1150	rVV4	91759	127560	9.65%	0.519%
49	8.675	1150	1154	1156	rVV4	69718	108118	8.18%	0.440%
50	8.698	1156	1158	1160	rVV3	73435	80910	6.12%	0.329%
51	8.728	1160	1163	1166	rVV5	65488	82360	6.23%	0.335%
52	8.769	1166	1170	1172	rVV3	63281	74277	5.62%	0.302%
53	8.822	1176	1179	1181	rVV	185119	170813	12.93%	0.696%
54	8.857	1181	1185	1190	rVB	494931	485758	36.76%	1.978%
55	8.951	1197	1201	1205	rBV2	161945	162325	12.28%	0.661%
56	9.051	1212	1218	1224	rVB	195373	310078	23.46%	1.263%
57	9.116	1224	1229	1233	rBV	461724	645432	48.84%	2.628%
58	9.186	1233	1241	1244	rBV	620003	787450	59.59%	3.206%
59	9.216	1244	1246	1249	rVV	459239	387652	29.33%	1.578%
60	9.275	1251	1256	1258	rVV3	135971	183924	13.92%	0.749%
61	9.304	1258	1261	1266	rVB2	260878	275028	20.81%	1.120%
62	9.386	1272	1275	1280	rVB2	160001	161730	12.24%	0.659%
63	9.439	1281	1284	1289	rVB2	51624	53437	4.04%	0.218%
64	9.481	1289	1291	1293	rBV	71592	71422	5.40%	0.291%
65	9.528	1293	1299	1301	rVV	1127757	1232955	93.30%	5.021%
66	9.551	1301	1303	1305	rVV2	107919	120171	9.09%	0.489%
67	9.634	1313	1317	1322	rBV	154883	214371	16.22%	0.873%
68	9.675	1322	1324	1328	rVV4	49531	69317	5.25%	0.282%
69	9.734	1328	1334	1337	rVV3	162448	231908	17.55%	0.944%
70	9.769	1337	1340	1344	rVV2	133834	146284	11.07%	0.596%
71	9.804	1344	1346	1349	rVB3	58487	51602	3.90%	0.210%

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72	9.845	1349	1353	1355	rBV2	110622	110741	8.38%	0.451%
73	9.875	1355	1358	1360	rVB	99100	80944	6.13%	0.330%
74	9.934	1360	1368	1370	rBV6	131980	249743	18.90%	1.017%
75	9.951	1370	1371	1374	rVB	145043	107882	8.16%	0.439%
76	10.004	1378	1380	1384	rVV	335412	306289	23.18%	1.247%
77	10.039	1384	1386	1388	rVV2	93792	83740	6.34%	0.341%
78	10.069	1388	1391	1393	rVB2	75673	59802	4.53%	0.244%
79	10.133	1399	1402	1409	rVB5	58836	83464	6.32%	0.340%
80	10.204	1409	1414	1416	rBV2	74546	105023	7.95%	0.428%
81	10.310	1428	1432	1436	rVB2	404558	386065	29.21%	1.572%
82	10.375	1440	1443	1445	rVB2	58899	52554	3.98%	0.214%
83	10.428	1449	1452	1455	rBV2	54200	64502	4.88%	0.263%
84	10.463	1455	1458	1464	rVB	108953	127518	9.65%	0.519%
85	10.616	1478	1484	1487	rBV6	33111	68760	5.20%	0.280%
86	10.922	1534	1536	1541	rVB2	49060	57028	4.32%	0.232%
87	10.998	1543	1549	1552	rVV	1101822	1014836	76.79%	4.132%
88	11.022	1552	1553	1557	rVV	160475	97593	7.38%	0.397%
89	11.075	1559	1562	1565	rVV	51914	52136	3.95%	0.212%
90	11.551	1641	1643	1646	rVV	70438	72752	5.51%	0.296%
91	12.204	1751	1754	1758	rBV	138358	121671	9.21%	0.495%
92	12.333	1771	1776	1782	rBV3	60849	77796	5.89%	0.317%
93	12.427	1788	1792	1795	rBV	138858	144659	10.95%	0.589%
94	12.580	1814	1818	1822	rVB	438111	371804	28.13%	1.514%
95	13.292	1936	1939	1943	rVB	94422	82483	6.24%	0.336%
96	13.498	1970	1974	1980	rVB2	46400	61250	4.63%	0.249%
97	13.621	1991	1995	1998	rVV	875610	895790	67.78%	3.648%
98	13.939	2046	2049	2053	rVB2	66998	61637	4.66%	0.251%
99	14.974	2220	2225	2231	rVV	564763	631036	47.75%	2.570%
100	15.386	2290	2295	2299	rBV2	30261	51461	3.89%	0.210%

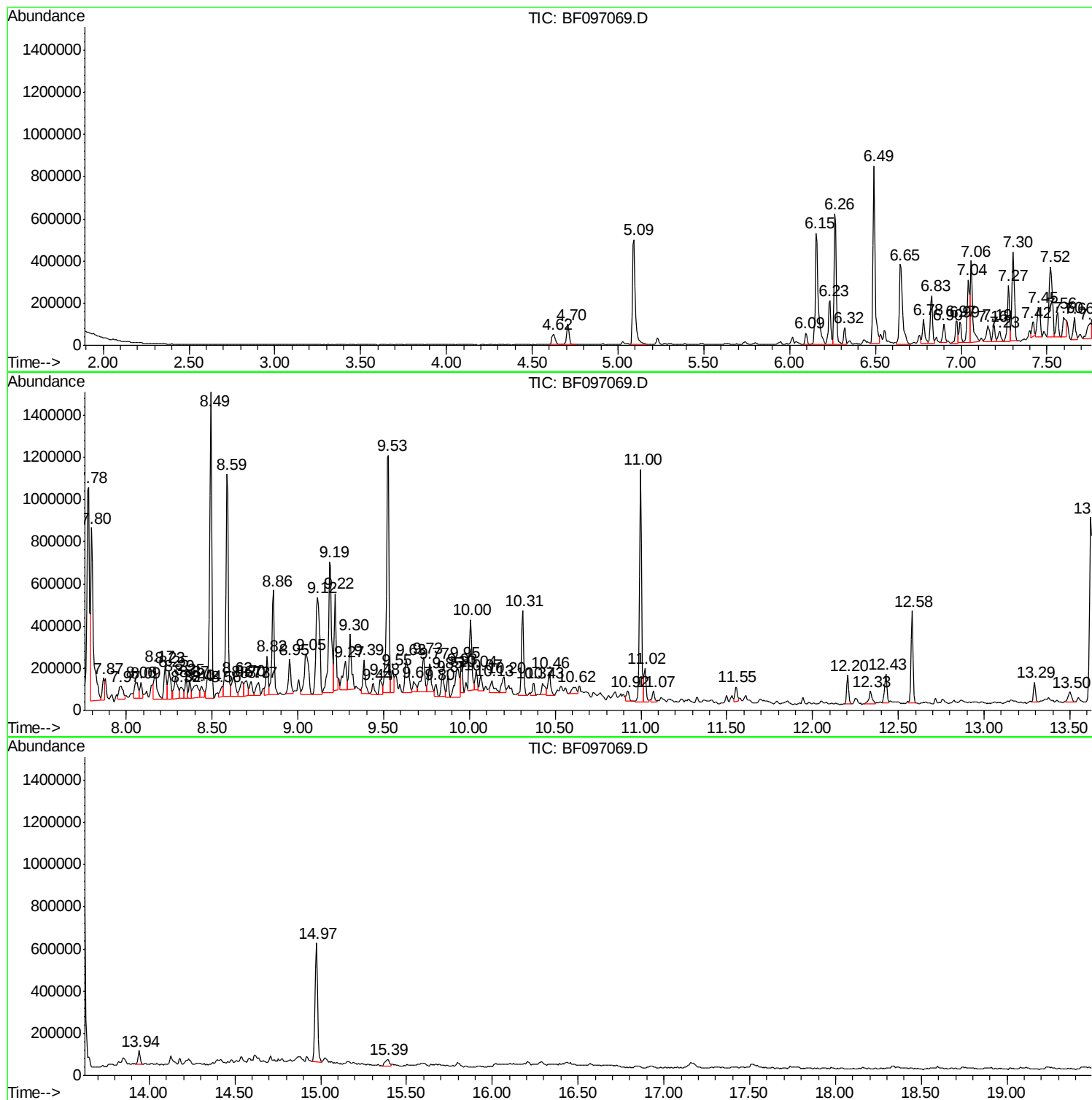
Sum of corrected areas: 24558349

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.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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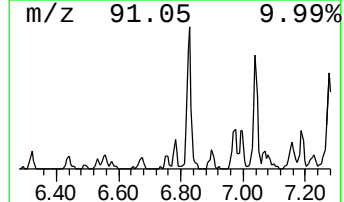
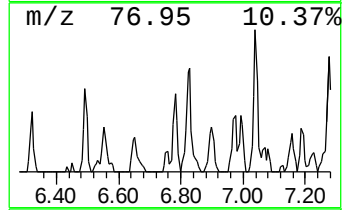
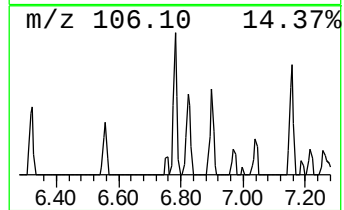
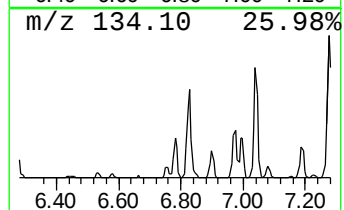
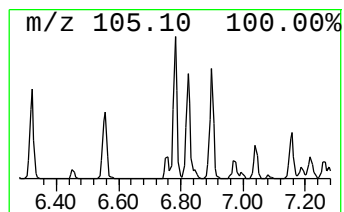
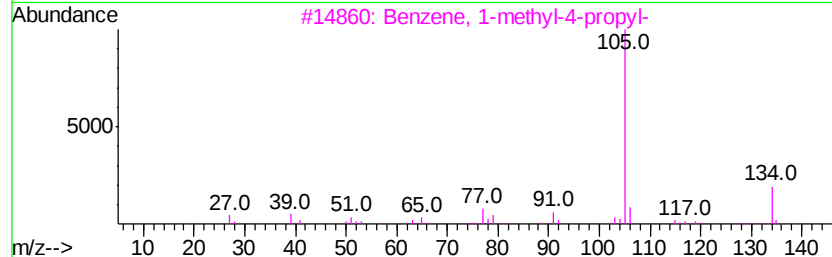
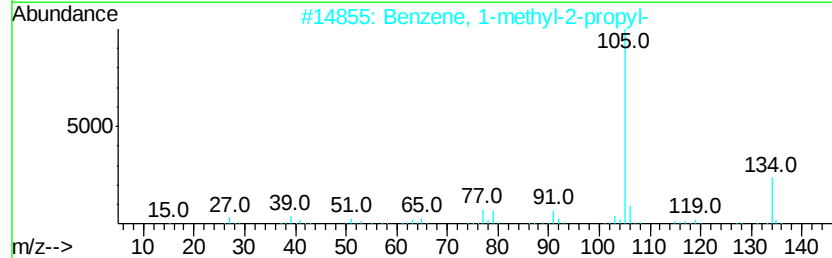
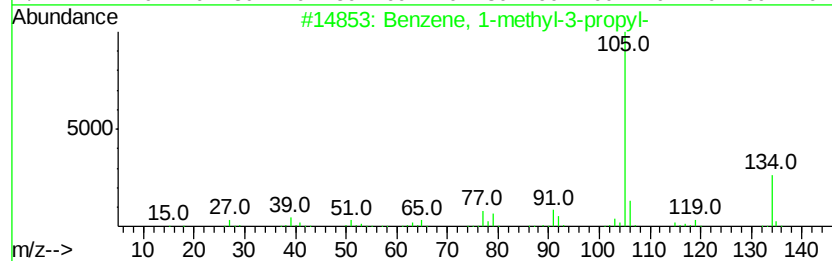
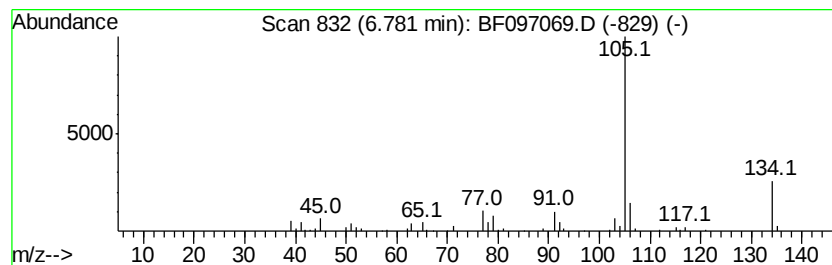
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-methyl-3-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	3.01 ng	114516	1,4-Dichlorobenzene-d4	6.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5		2-Tolylloxirane	134	C9H10O	002783-26-8	74



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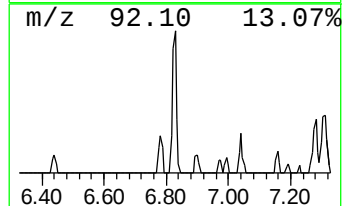
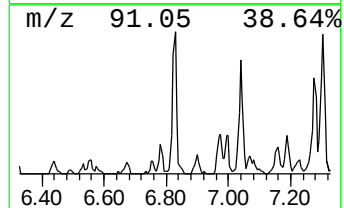
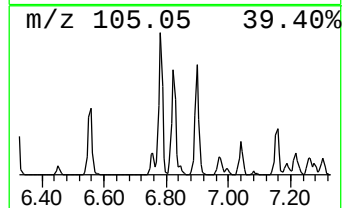
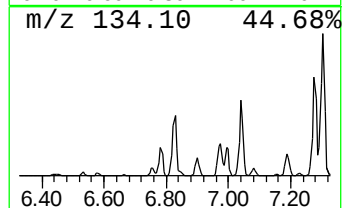
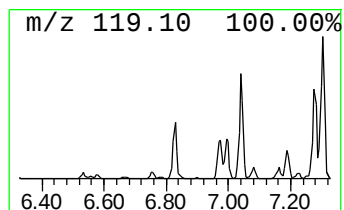
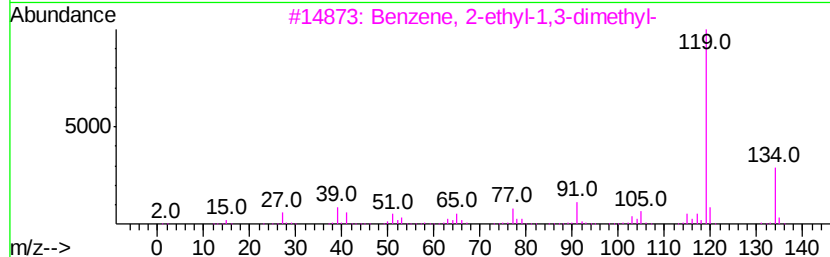
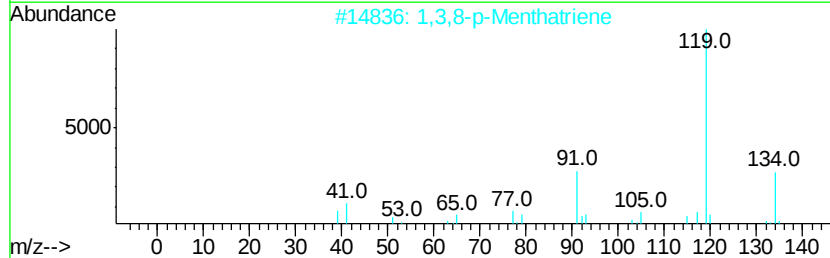
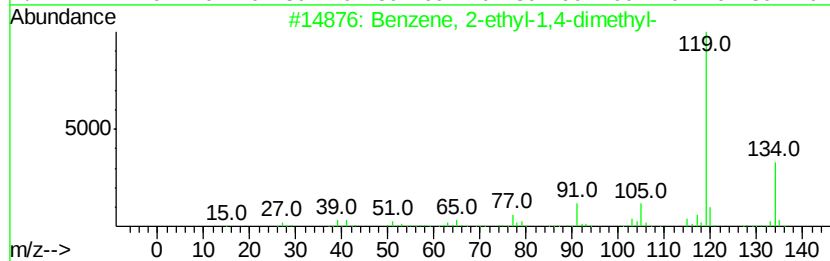
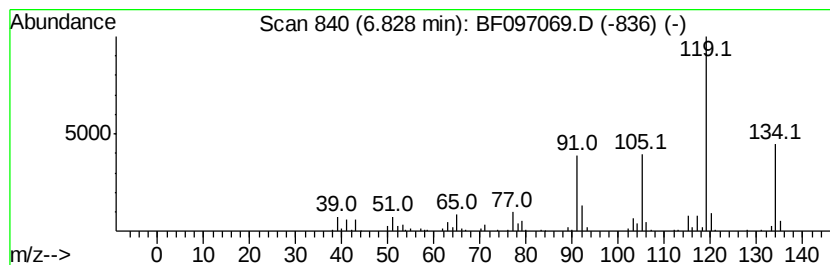
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	5.84 ng	221989	1,4-Dichlorobenzene-d4	6.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2		1,3,8-p-Menthatriene	134	C10H14	018368-95-1	91
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



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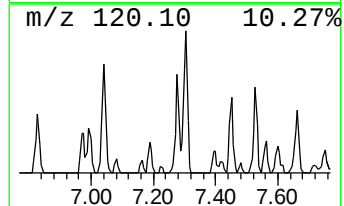
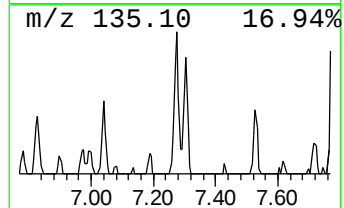
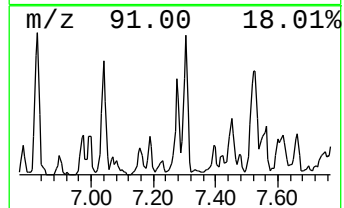
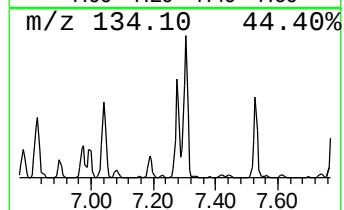
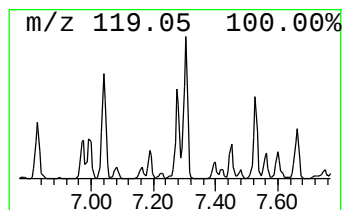
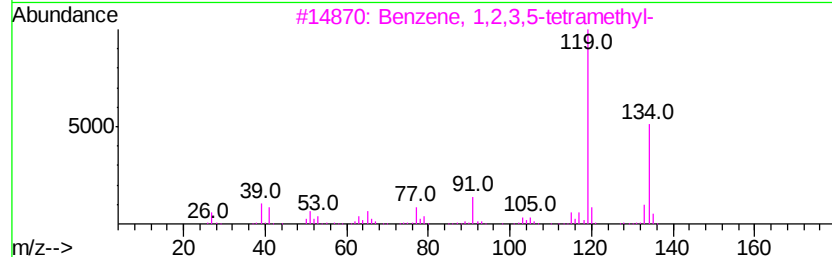
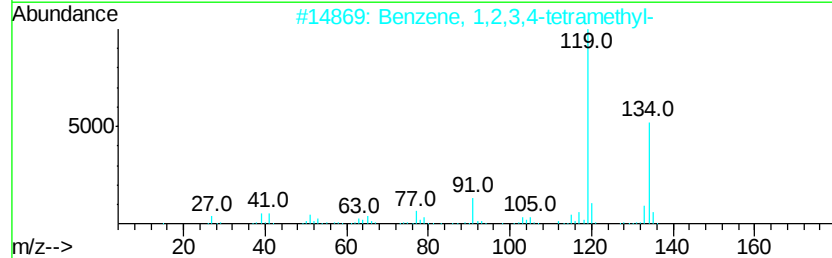
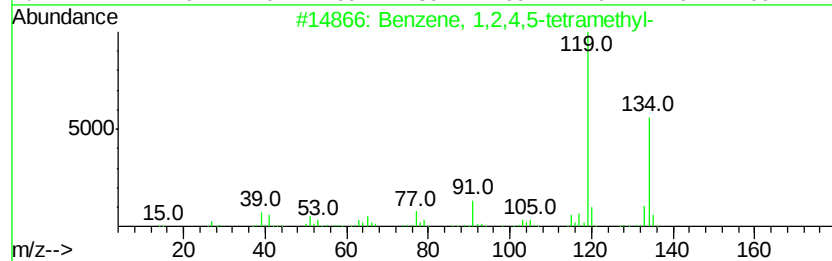
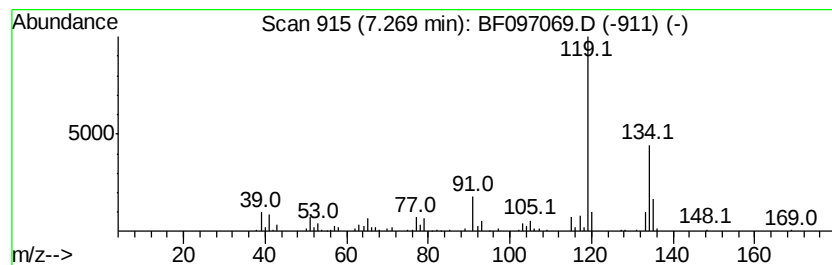
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	4.19 ng	252412	Naphthalene-d8	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



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Data File : BF097069.D
Acq On : 26 Jul 2017 12:23
Operator : SJ/JU
Sample : I4443-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

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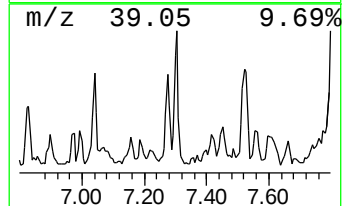
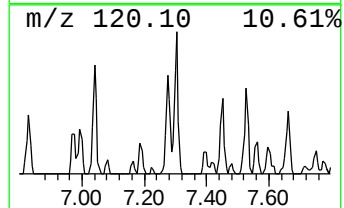
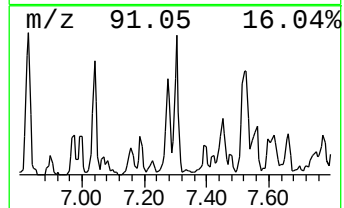
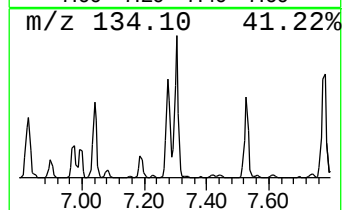
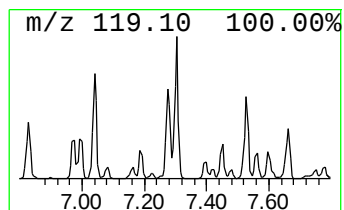
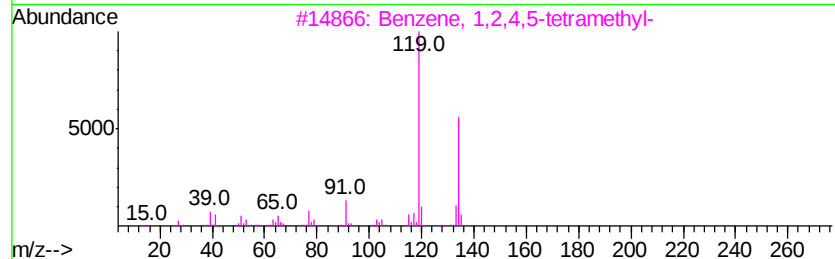
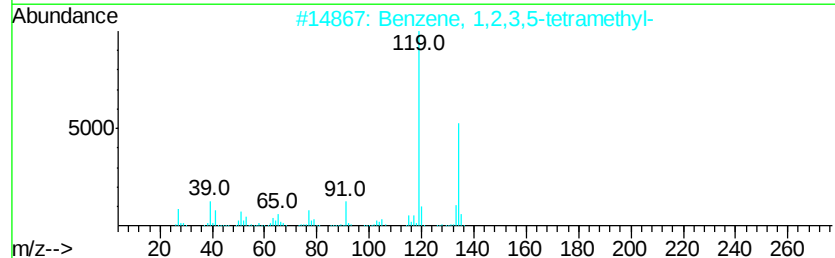
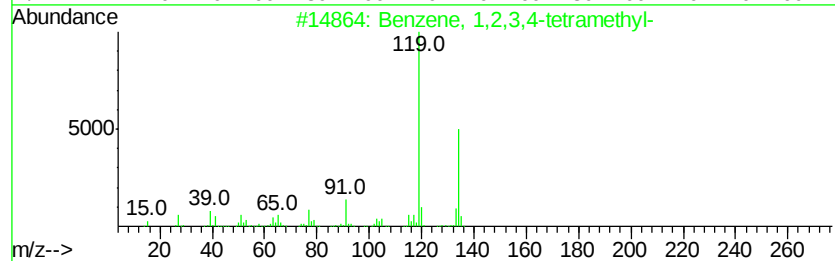
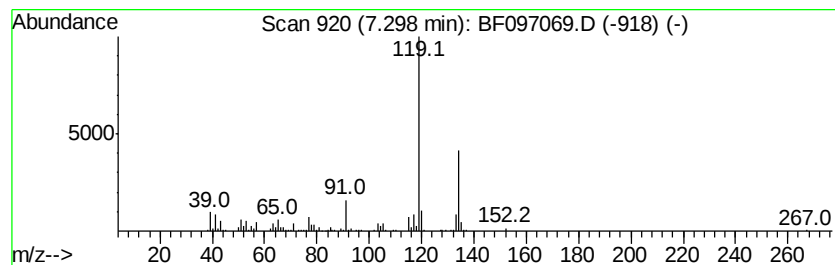
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	5.84 ng	351708	Napthalene-d8	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		p-Cymene	134	C10H14	000099-87-6	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
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Operator : SJ/JU
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ClientSampleId :
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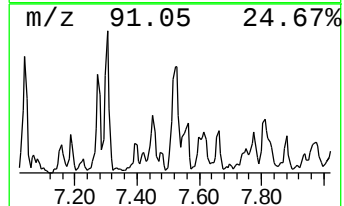
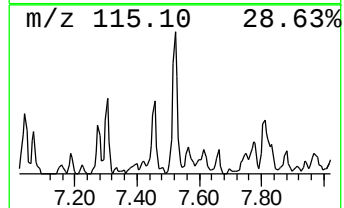
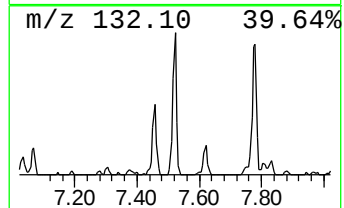
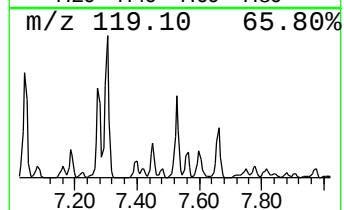
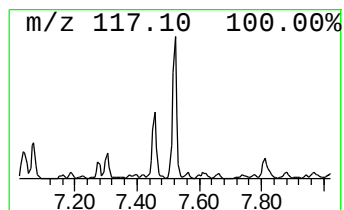
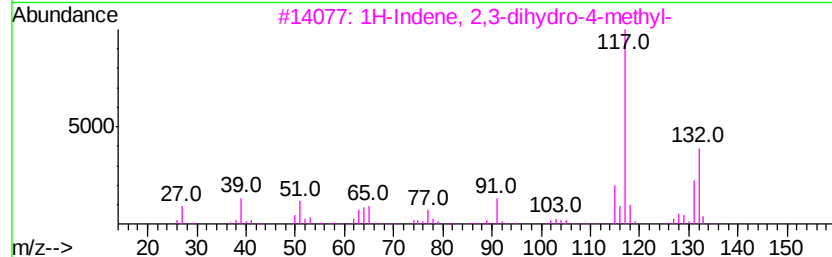
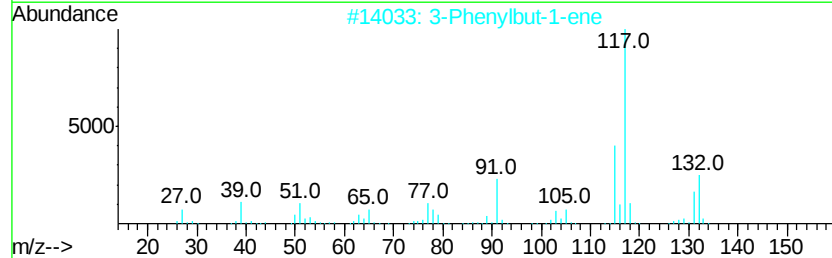
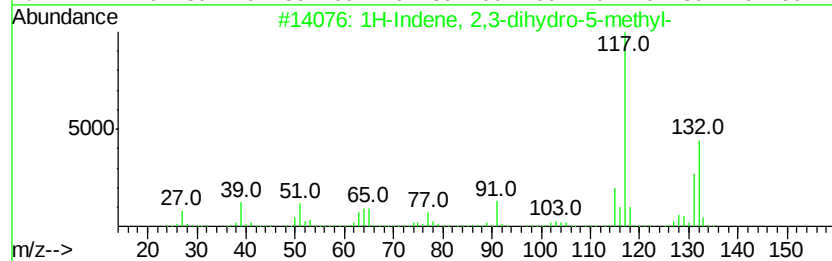
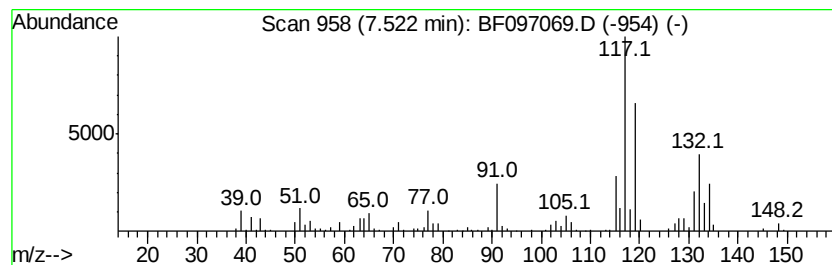
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	6.74 ng	405962	Napthalene-d8	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	64
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097069.D
Acq On : 26 Jul 2017 12:23
Operator : SJ/JU
Sample : I4443-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

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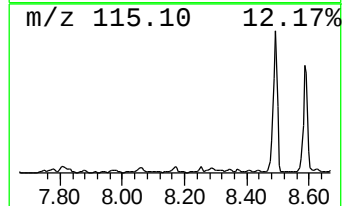
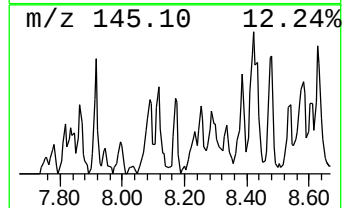
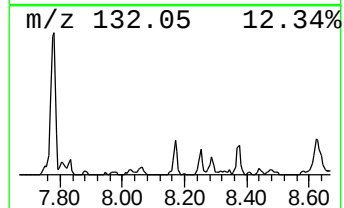
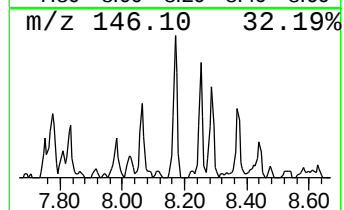
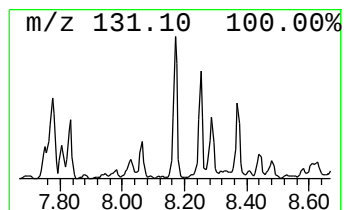
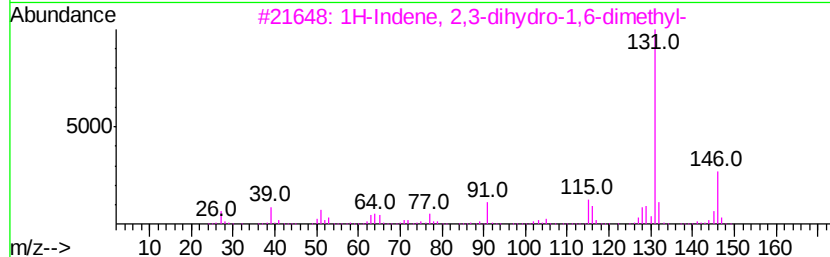
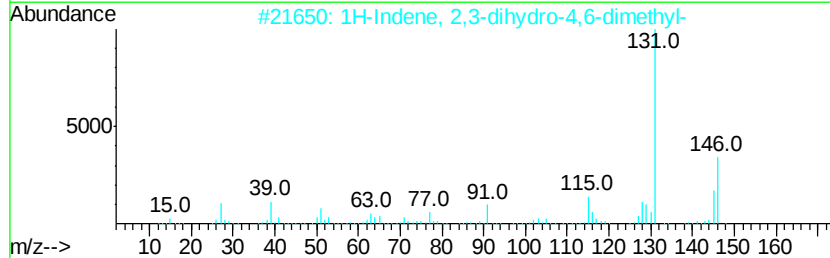
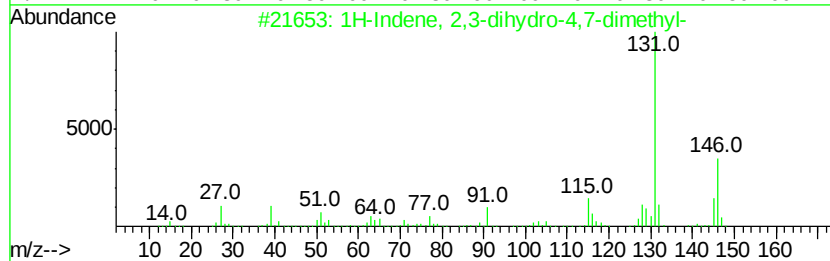
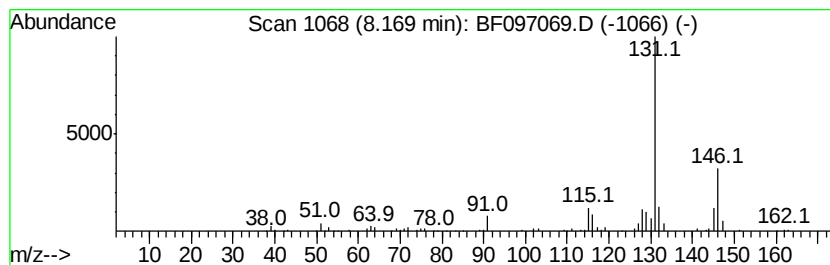
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	2.88 ng	173182	Naphthalene-d8	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	95
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
Data File : BF097069.D
Acq On : 26 Jul 2017 12:23
Operator : SJ/JU
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Instrument :
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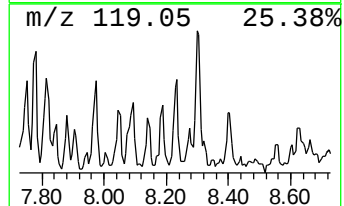
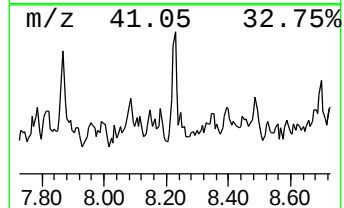
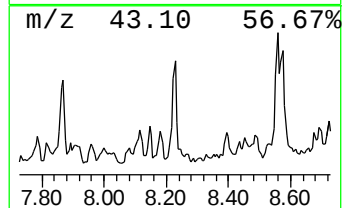
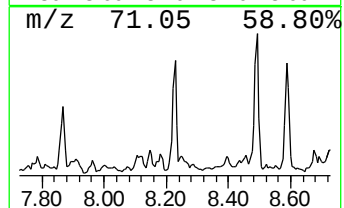
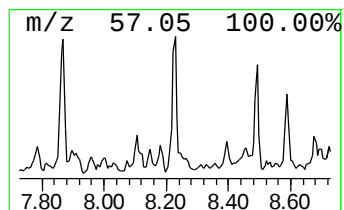
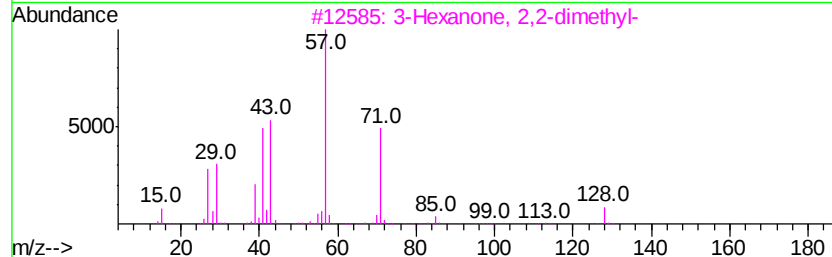
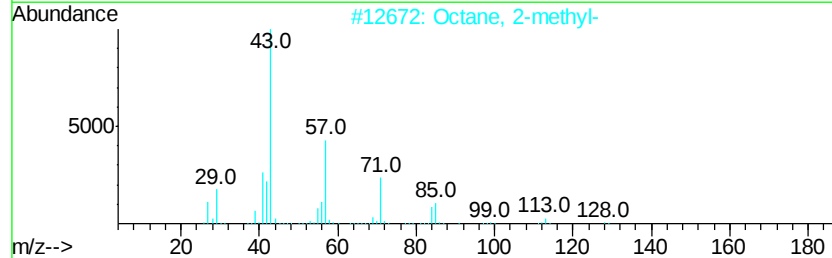
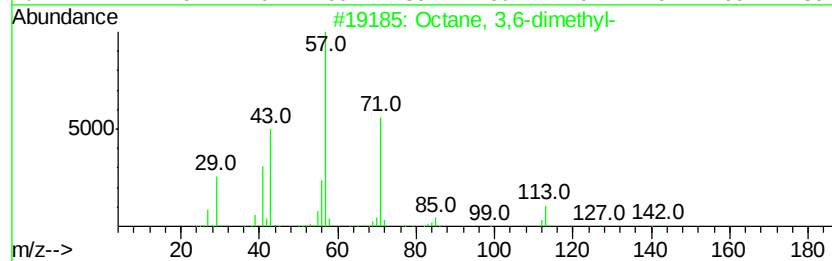
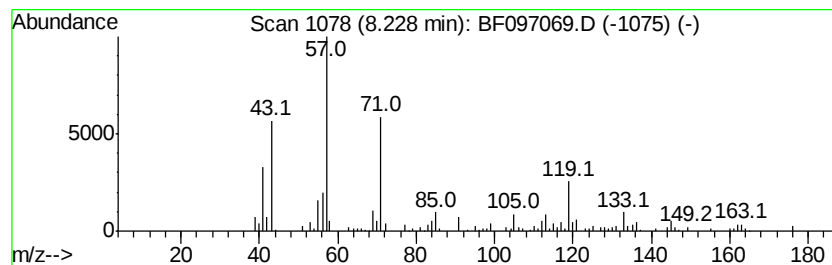
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown8.23 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	2.78 ng	167255	Naphthalene-d8	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	47
2			Octane, 2-methyl-	128	C9H20	003221-61-2	46
3			3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	43
4			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	43
5			2-Undecene, 5-methyl-	168	C12H24	056851-34-4	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
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Misc :
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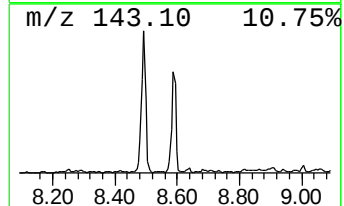
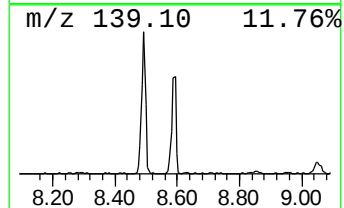
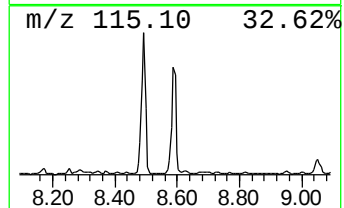
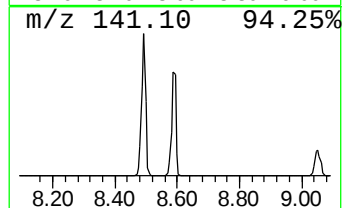
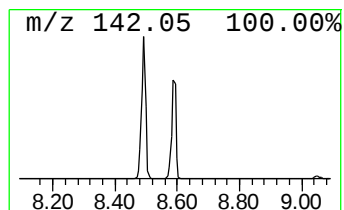
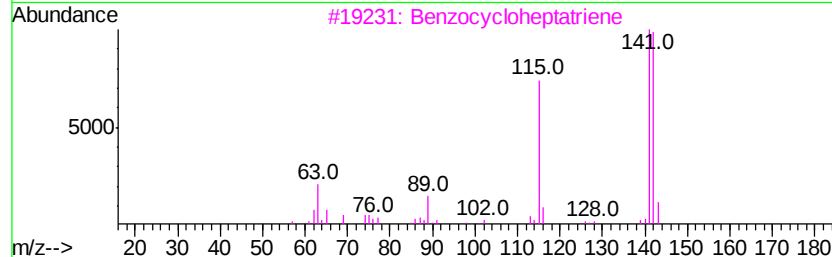
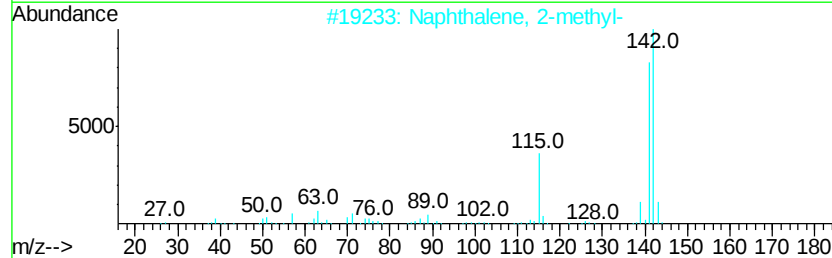
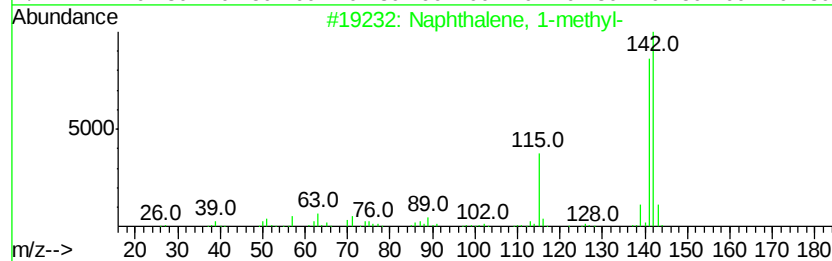
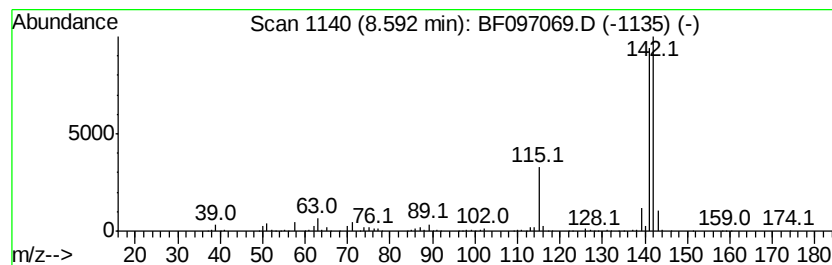
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	18.15 ng	1092630	Naphthalene-d8	7.78

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		Benzocycloheptatriene	142	C11H10	000264-09-5	94
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86



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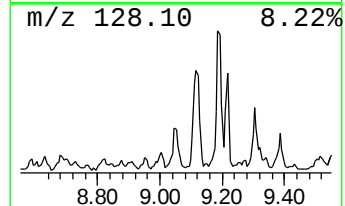
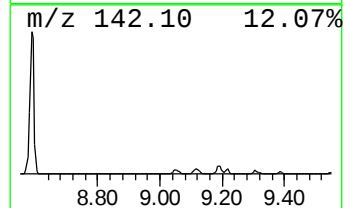
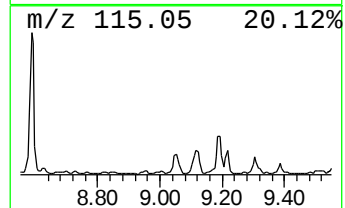
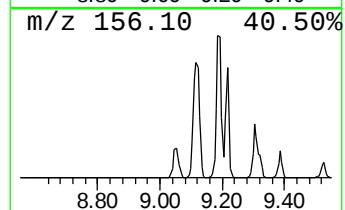
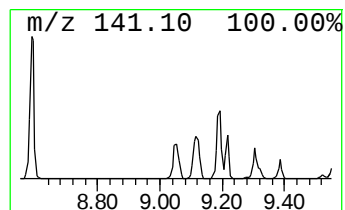
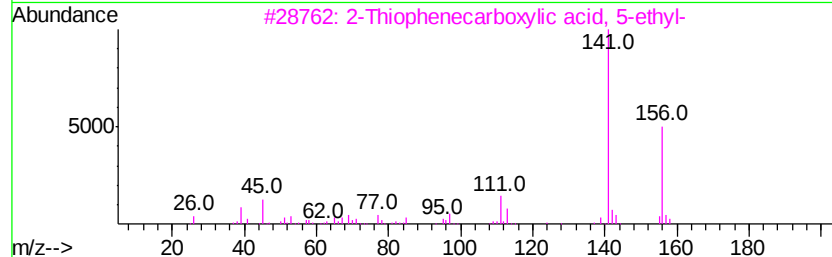
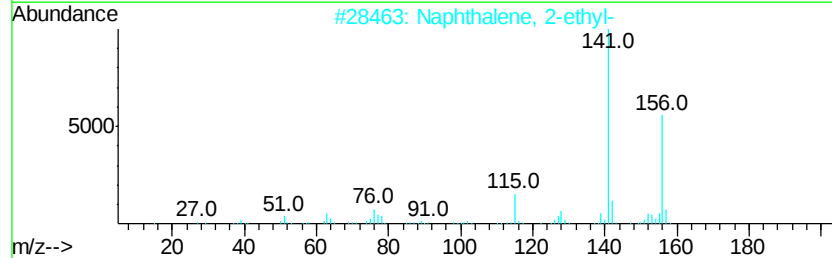
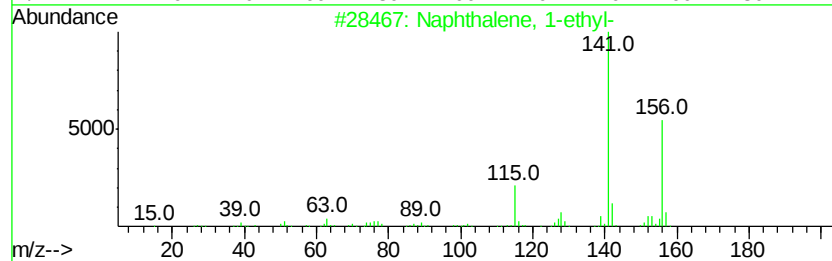
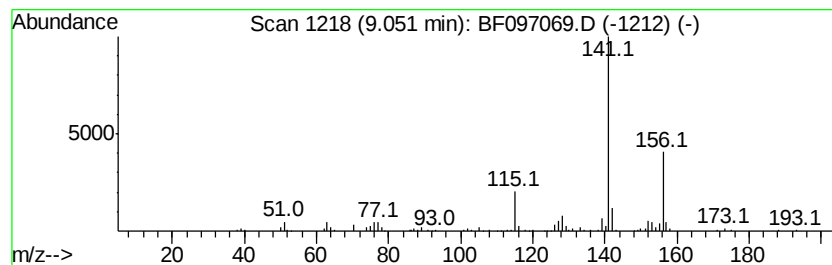
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	5.03 ng	310078	Acenaphthene-d10	9.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 96
3		2-Thiophenecarboxylic acid, 5-et...	156 C7H8O2S	023229-72-3 72
4		2-Amino-4-tertbutylthiazole	156 C7H12N2S	074370-93-7 59
5		2',5'-Difluoroacetophenone	156 C8H6F2O	001979-36-8 59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
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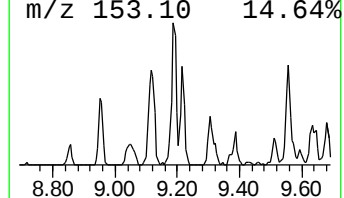
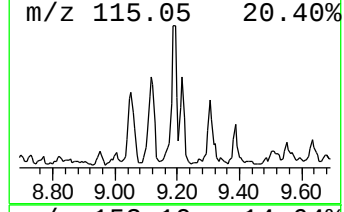
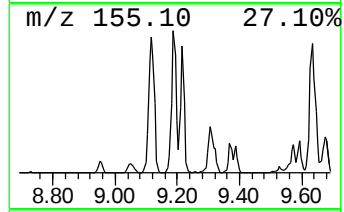
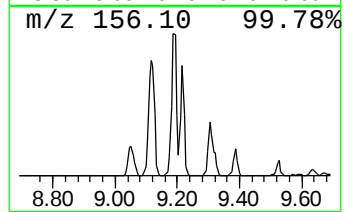
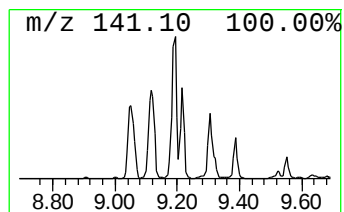
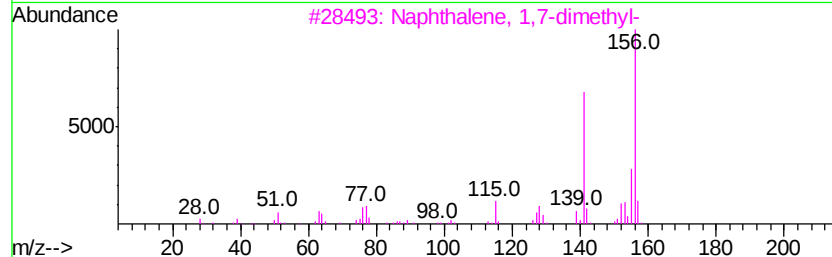
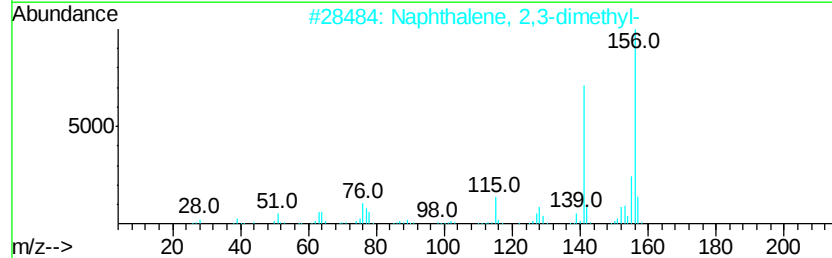
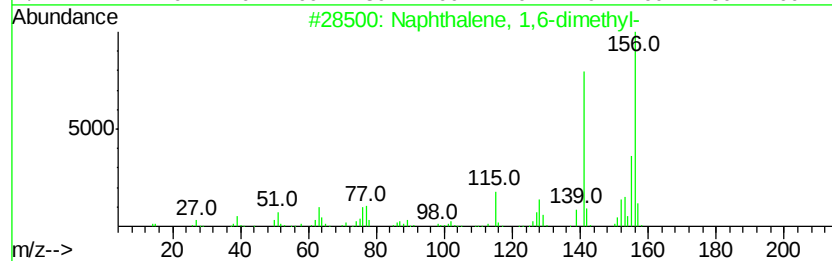
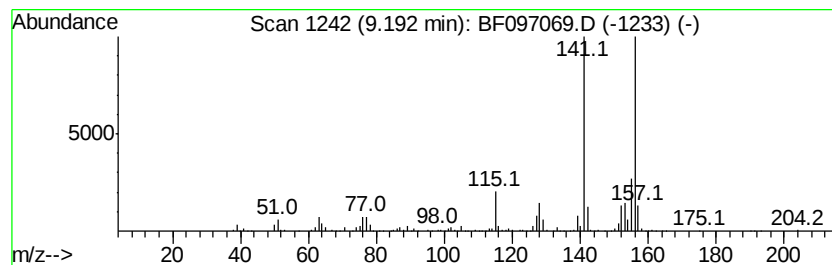
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	12.77 ng	787450	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
Data File : BF097069.D
Acq On : 26 Jul 2017 12:23
Operator : SJ/JU
Sample : I4443-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M6-BASE

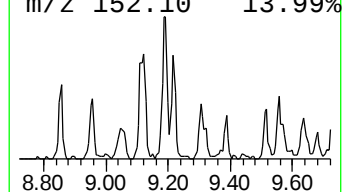
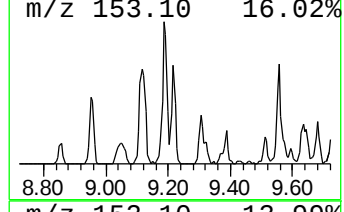
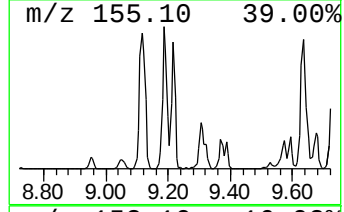
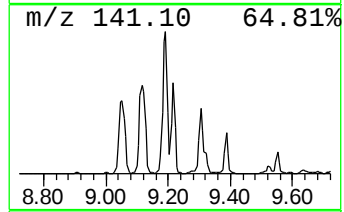
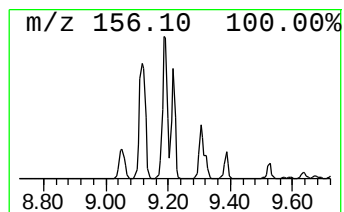
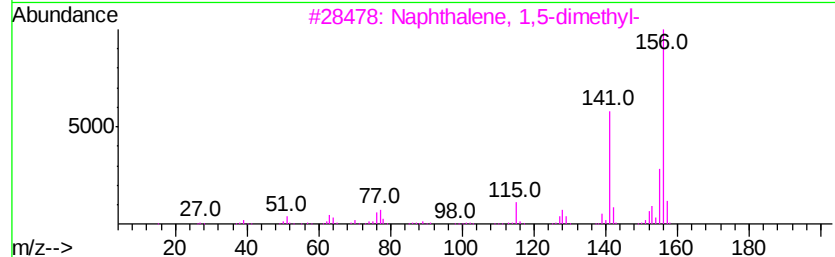
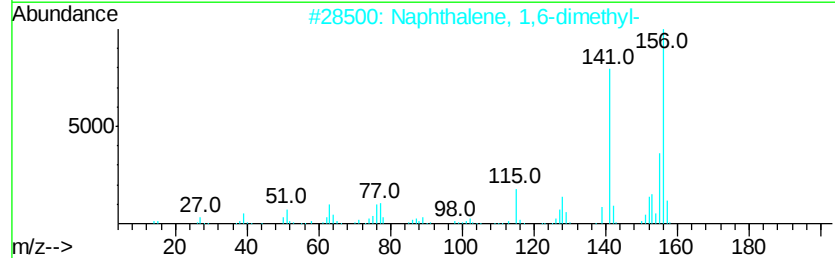
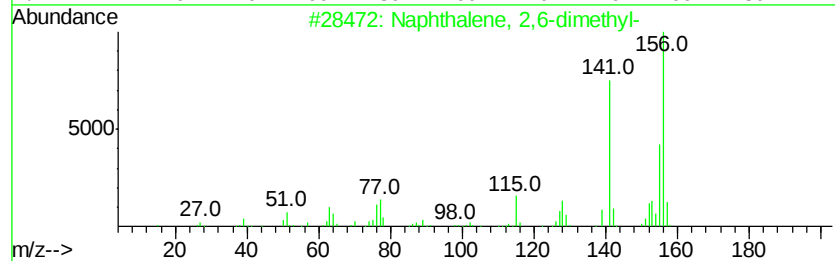
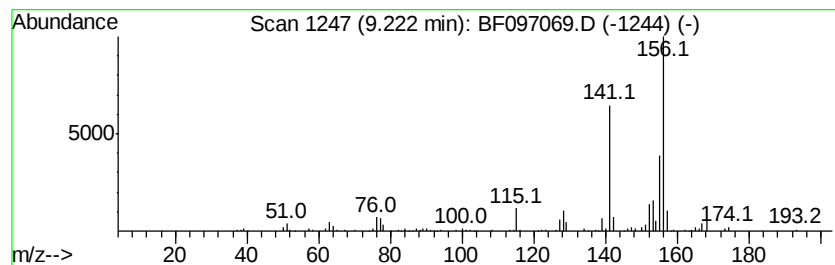
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	6.29 ng	387652	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097069.D
Acq On : 26 Jul 2017 12:23
Operator : SJ/JU
Sample : I4443-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M6-BASE

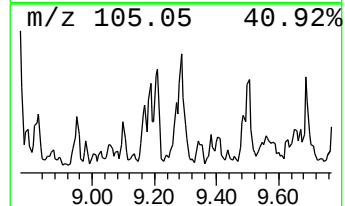
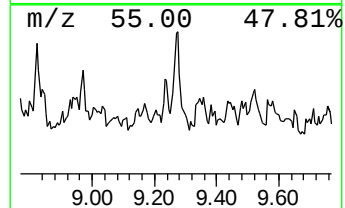
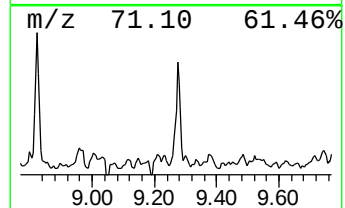
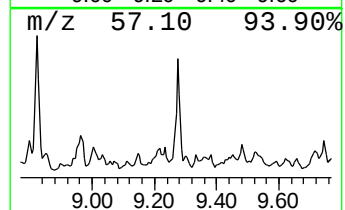
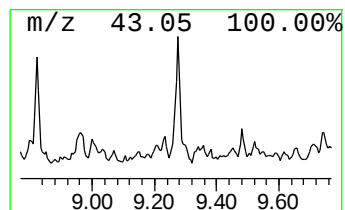
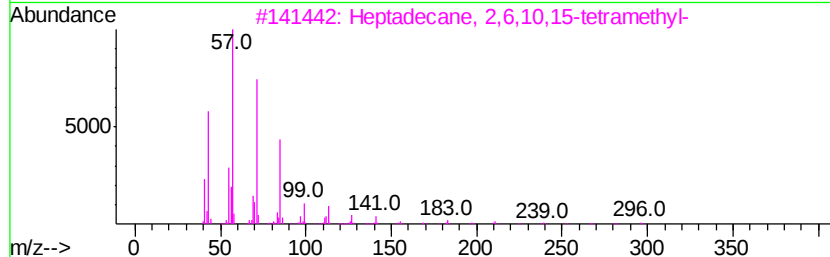
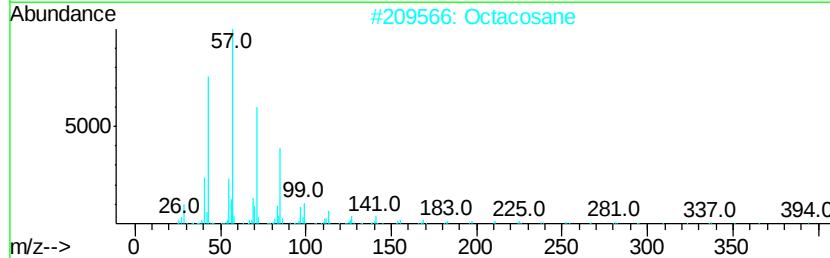
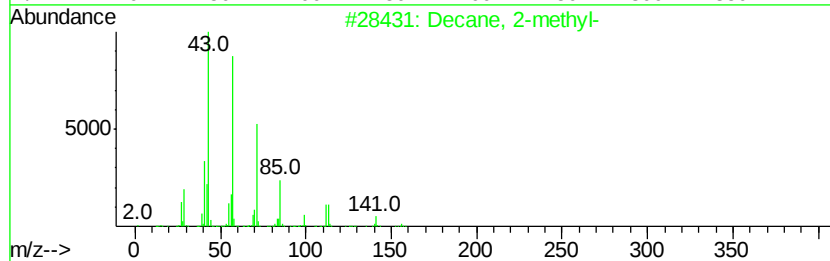
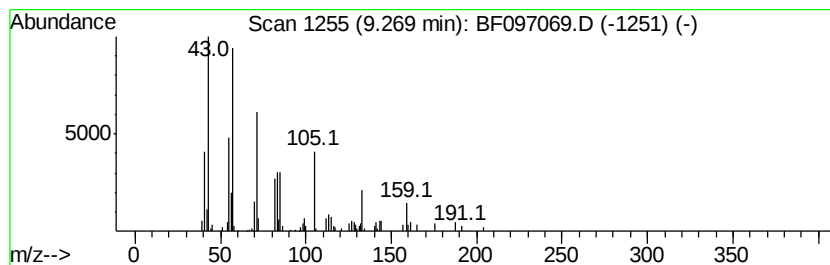
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Decane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	2.98 ng	183924	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	81
2		Octacosane	394	C28H58	000630-02-4	64
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	59
5		Heptacosane	380	C27H56	000593-49-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
Data File : BF097069.D
Acq On : 26 Jul 2017 12:23
Operator : SJ/JU
Sample : I4443-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M6-BASE

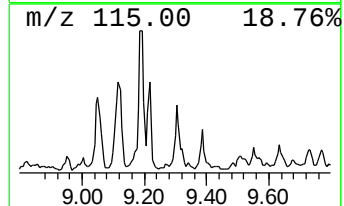
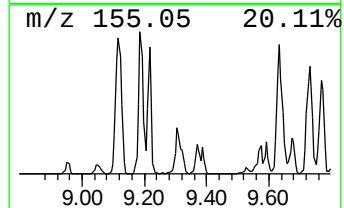
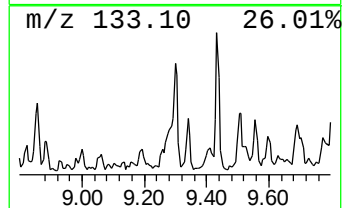
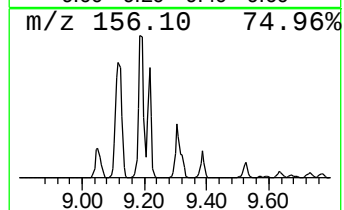
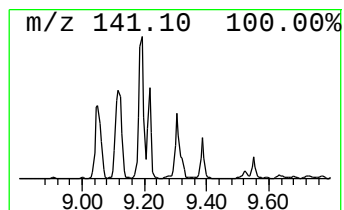
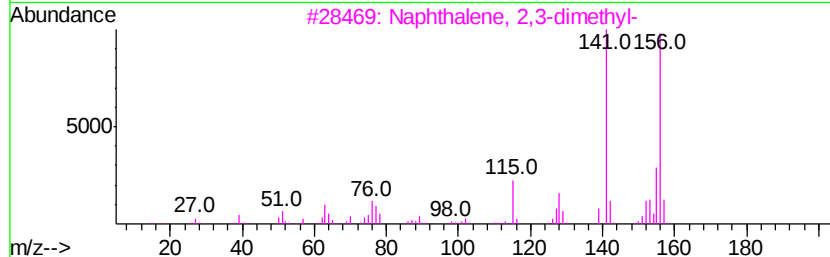
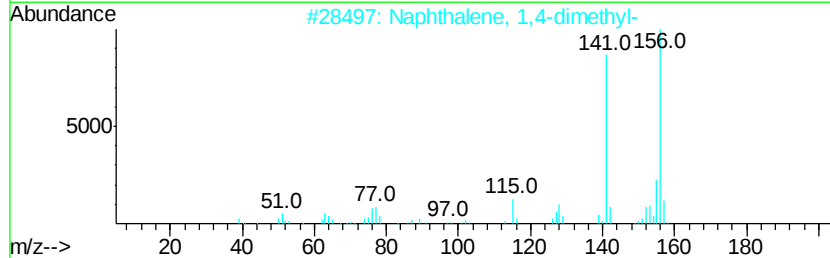
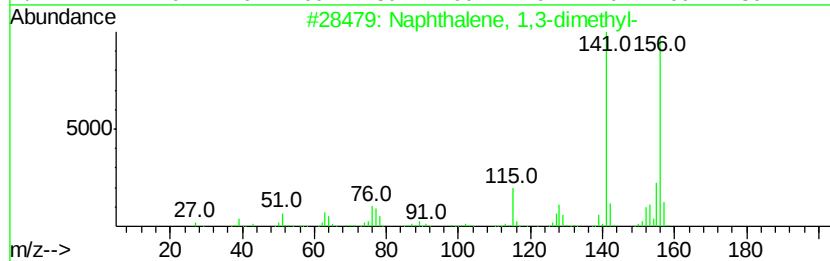
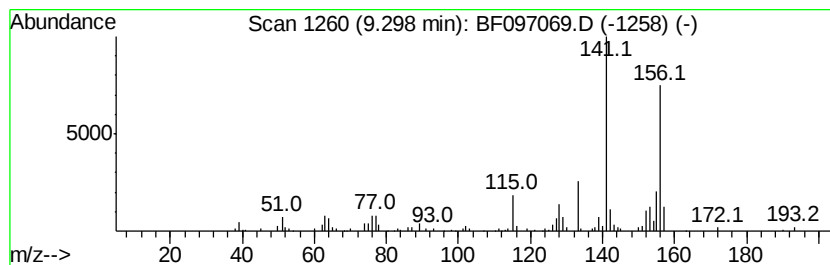
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	4.46 ng	275028	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097069.D
Acq On : 26 Jul 2017 12:23
Operator : SJ/JU
Sample : I4443-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-M6-BASE

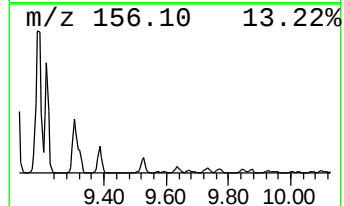
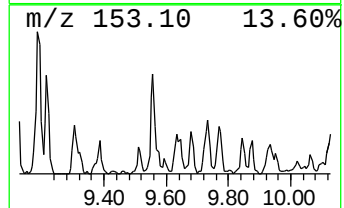
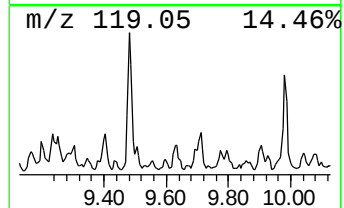
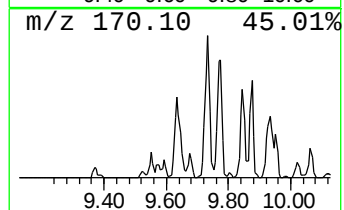
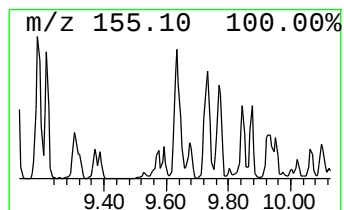
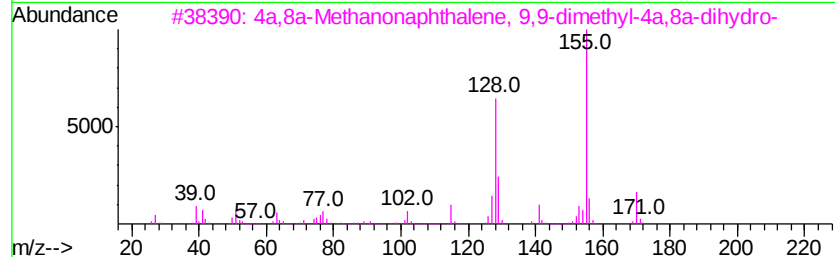
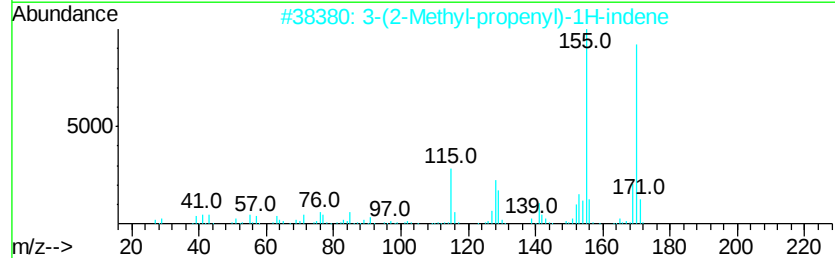
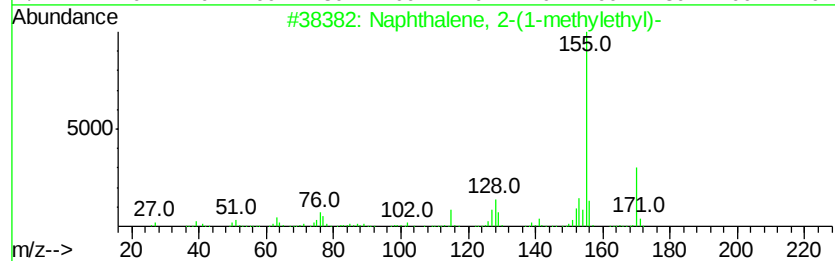
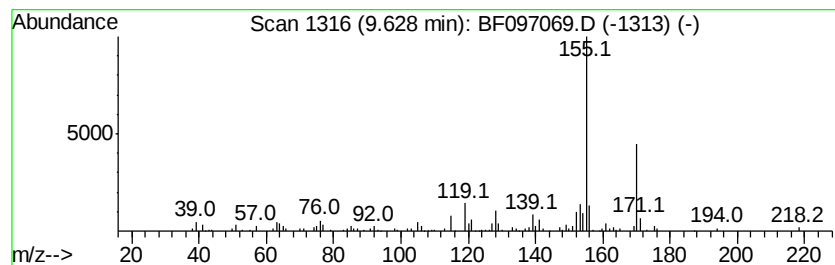
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 2-(1-methyleth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	3.48 ng	214371	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
2		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83
3		4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	80
4		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	68
5		Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097069.D
Acq On : 26 Jul 2017 12:23
Operator : SJ/JU
Sample : I4443-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M6-BASE

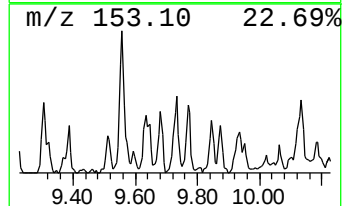
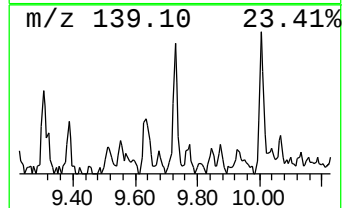
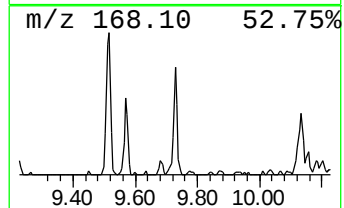
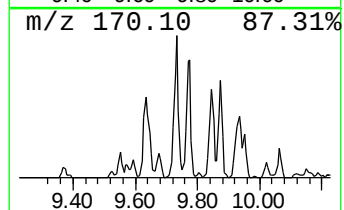
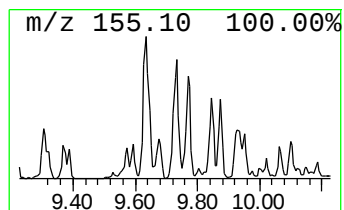
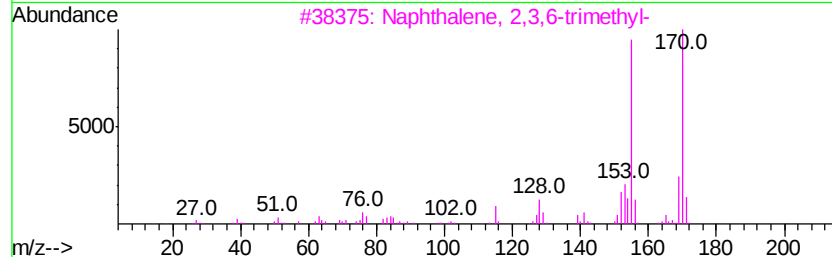
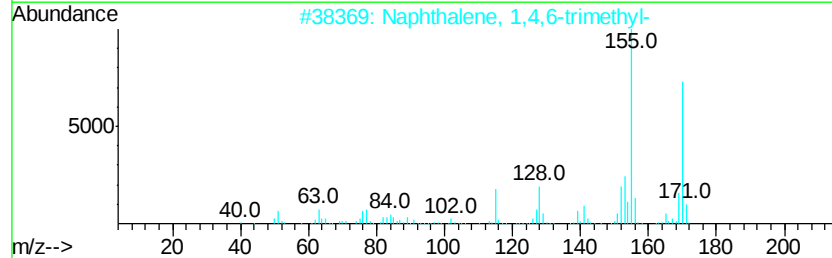
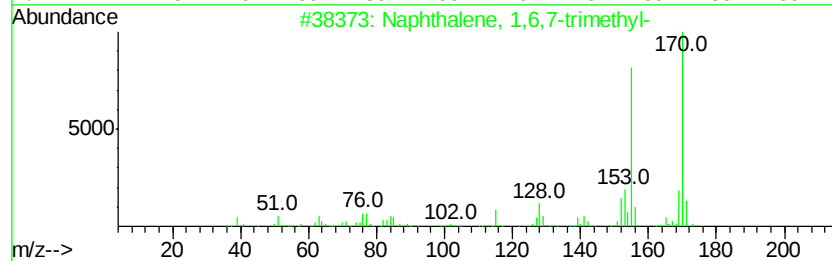
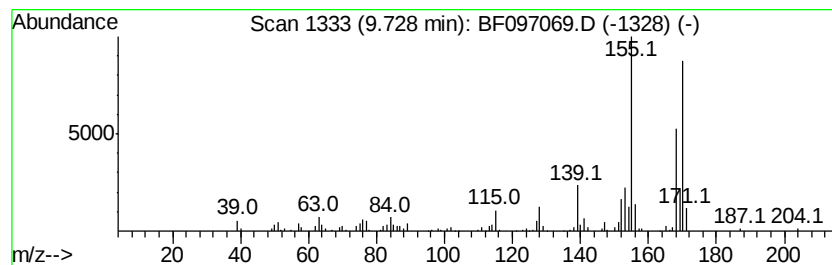
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	3.76 ng	231908	Acenaphthene-d10	9.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
 Data File : BF097069.D
 Acq On : 26 Jul 2017 12:23
 Operator : SJ/JU
 Sample : I4443-01 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M6-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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
Benzene, 1-methyl...	6.78	3.0	ng	114516	1	6.49	760209	20.0
Benzene, 2-ethyl...	6.83	5.8	ng	221989	1	6.49	760209	20.0
Benzene, 1,2,4,5-...	7.27	4.2	ng	252412	2	7.78	1204150	20.0
Benzene, 1,2,3,4-...	7.30	5.8	ng	351708	2	7.78	1204150	20.0
1H-Indene, 2,3-di...	7.52	6.7	ng	405962	2	7.78	1204150	20.0
1H-Indene, 2,3-di...	8.17	2.9	ng	173182	2	7.78	1204150	20.0
unknown8.23	8.23	2.8	ng	167255	2	7.78	1204150	20.0
Naphthalene, 1-me...	8.59	18.1	ng	1092630	2	7.78	1204150	20.0
Naphthalene, 1-et...	9.05	5.0	ng	310078	3	9.52	1232960	20.0
Naphthalene, 1,6-...	9.19	12.8	ng	787450	3	9.52	1232960	20.0
Naphthalene, 2,6-...	9.22	6.3	ng	387652	3	9.52	1232960	20.0
Decane, 2-methyl-	9.27	3.0	ng	183924	3	9.52	1232960	20.0
Naphthalene, 1,3-...	9.30	4.5	ng	275028	3	9.52	1232960	20.0
Naphthalene, 2-(1...	9.63	3.5	ng	214371	3	9.52	1232960	20.0
Naphthalene, 1,6,...	9.73	3.8	ng	231908	3	9.52	1232960	20.0