

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093971.D
 Acq On : 28 Mar 2017 4:44
 Operator : SJ/MA
 Sample : I2413-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-02

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-BF032217.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	2.010	3	21	22	rBV4	323986	860900	3.85%	0.201%
2	2.046	22	27	31	rVB	890603	1446001	6.46%	0.338%
3	2.587	96	119	124	rBV2	630514	1810507	8.09%	0.423%
4	2.646	124	129	132	rBV	550437	912650	4.08%	0.213%
5	2.934	168	178	181	rBV	1520395	2639652	11.80%	0.617%
6	3.022	186	193	197	rBV2	1405196	2060686	9.21%	0.482%
7	3.069	197	201	204	rVB	721336	871578	3.89%	0.204%
8	3.146	208	214	216	rBV	2016724	3007928	13.44%	0.703%
9	3.246	221	231	236	rVB2	2799024	4879283	21.80%	1.140%
10	3.357	243	250	253	rBV3	1712304	2215619	9.90%	0.518%
11	3.469	262	269	272	rBV	710193	1271950	5.68%	0.297%
12	3.504	272	275	282	rVB2	570923	1024808	4.58%	0.239%
13	3.598	286	291	298	rVB3	2703407	3909181	17.47%	0.914%
14	3.698	302	308	315	rBV2	1590991	2178355	9.73%	0.509%
15	3.957	349	352	357	rVB	766532	890686	3.98%	0.208%
16	4.034	357	365	367	rBV	2189976	3255636	14.55%	0.761%
17	4.098	372	376	380	rBV2	595419	1029327	4.60%	0.241%
18	4.287	403	408	411	rBV2	1153027	1804195	8.06%	0.422%
19	4.357	411	420	424	rBV	6167002	9663325	43.18%	2.258%
20	4.475	432	440	446	rVB3	8168754	20397640	91.15%	4.767%
21	4.534	446	450	453	rBV3	759051	978557	4.37%	0.229%
22	4.640	464	468	473	rVV3	929473	1499636	6.70%	0.350%
23	4.722	477	482	485	rVV	6137103	8088538	36.15%	1.890%
24	4.775	488	491	498	rVB	3764624	4196106	18.75%	0.981%
25	4.940	515	519	522	rBV3	1035115	1636078	7.31%	0.382%
26	5.040	526	536	539	rBV2	2691421	4486060	20.05%	1.048%
27	5.075	539	542	545	rVB2	1023097	1066222	4.76%	0.249%
28	5.128	545	551	554	rBV2	2194883	2607106	11.65%	0.609%
29	5.357	581	590	593	rBV	5259089	8850707	39.55%	2.068%
30	5.445	593	605	607	rVV2	7311875	19014433	84.97%	4.444%
31	5.475	607	610	613	rVV	7056421	8510966	38.03%	1.989%
32	5.528	613	619	621	rVV2	7005583	12953199	57.89%	3.027%
33	5.551	621	623	626	rVV	2511414	2563886	11.46%	0.599%
34	5.616	628	634	637	rBV	6427441	8162501	36.48%	1.908%

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35	5.692	639	647	653	rBV	2683069	4765539	21.30%	1.114%
36	5.787	653	663	667	rVV	7873822	22377045	100.00%	5.229%
37	5.887	677	680	682	rBV	1394841	1631587	7.29%	0.381%
38	5.904	682	683	686	rVV	1366312	1103511	4.93%	0.258%
39	5.951	687	691	694	rVV	1562315	1597610	7.14%	0.373%
40	5.998	694	699	700	rVV2	1719098	2746378	12.27%	0.642%
41	6.034	700	705	709	rVV	6409106	9265527	41.41%	2.165%
42	6.128	718	721	724	rVV	3080953	4434396	19.82%	1.036%
43	6.163	724	727	731	rVB	5461130	6393686	28.57%	1.494%
44	6.245	731	741	744	rBV	4106544	6907691	30.87%	1.614%
45	6.287	744	748	751	rVV2	5914956	9076058	40.56%	2.121%
46	6.339	751	757	759	rVV2	7320750	13586244	60.72%	3.175%
47	6.363	759	761	765	rVV2	2671537	2873243	12.84%	0.671%
48	6.416	765	770	777	rVV2	4440268	5527643	24.70%	1.292%
49	6.504	777	785	787	rVV	4885650	7992322	35.72%	1.868%
50	6.534	787	790	793	rVV	4857496	5380853	24.05%	1.258%
51	6.592	793	800	802	rVV2	6720237	12411912	55.47%	2.901%
52	6.622	802	805	809	rVV2	4334229	5637131	25.19%	1.317%
53	6.669	809	813	816	rVV	3111509	3551611	15.87%	0.830%
54	6.716	816	821	824	rVV3	1916936	3013024	13.46%	0.704%
55	6.751	824	827	830	rVV	2992685	3543618	15.84%	0.828%
56	6.792	830	834	838	rVV4	1052835	1898318	8.48%	0.444%
57	6.863	838	846	848	rVV	4649915	7641383	34.15%	1.786%
58	6.898	848	852	855	rVV	5825321	7156361	31.98%	1.672%
59	6.998	865	869	872	rVV	2078574	2941322	13.14%	0.687%
60	7.028	872	874	877	rVV	2340258	2852843	12.75%	0.667%
61	7.069	877	881	884	rVV3	5134343	7798824	34.85%	1.823%
62	7.104	884	887	890	rVV4	1634463	2420522	10.82%	0.566%
63	7.157	890	896	899	rVV4	6042734	11649528	52.06%	2.722%
64	7.198	899	903	907	rVV4	3851293	5397358	24.12%	1.261%
65	7.245	907	911	918	rVV5	2526768	5441217	24.32%	1.272%
66	7.322	918	924	927	rVB	2135474	2806915	12.54%	0.656%
67	7.428	936	942	943	rVV3	1664512	2535488	11.33%	0.593%
68	7.463	943	948	950	rVV3	5037967	8947028	39.98%	2.091%
69	7.492	950	953	957	rVV2	6645922	9533779	42.61%	2.228%
70	7.522	957	958	963	rVV2	2183037	1853156	8.28%	0.433%
71	7.575	963	967	972	rVV2	1557961	2276055	10.17%	0.532%

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72	7.686	982	986	990	rVB3	1162110	1385954	6.19%	0.324%
73	7.798	998	1005	1007	rBV3	1710140	2485774	11.11%	0.581%
74	7.833	1007	1011	1013	rVV2	809049	904207	4.04%	0.211%
75	7.904	1020	1023	1025	rBV3	838390	1010907	4.52%	0.236%
76	7.933	1025	1028	1030	rVV	1967038	2030194	9.07%	0.474%
77	8.004	1036	1040	1042	rBV2	1081446	1382606	6.18%	0.323%
78	8.028	1042	1044	1047	rVB	1358443	1164488	5.20%	0.272%
79	8.175	1066	1069	1071	rVV	1013008	1008272	4.51%	0.236%
80	8.216	1071	1076	1079	rVV2	2254705	2921593	13.06%	0.683%
81	8.328	1088	1095	1098	rVV	5405221	7910293	35.35%	1.849%
82	8.445	1106	1115	1118	rVV	3682552	4935212	22.05%	1.153%
83	8.769	1162	1170	1173	rVB	3497145	3885722	17.36%	0.908%
84	8.904	1191	1193	1198	rVV	885201	861165	3.85%	0.201%
85	8.998	1205	1209	1216	rVB	690514	958547	4.28%	0.224%
86	9.080	1219	1223	1229	rVB2	1118964	1845343	8.25%	0.431%
87	9.175	1234	1239	1242	rVV	1622561	1901884	8.50%	0.444%
88	9.210	1242	1245	1249	rVV	1062116	1079732	4.83%	0.252%
89	9.316	1256	1263	1270	rVB2	752690	1188436	5.31%	0.278%
90	9.586	1306	1309	1312	rVB3	1394002	1482634	6.63%	0.346%
91	9.627	1312	1316	1319	rBV	1957838	1788434	7.99%	0.418%
92	9.839	1345	1352	1357	rBV	1508208	1665645	7.44%	0.389%
93	10.263	1420	1424	1427	rVB	1937923	1904660	8.51%	0.445%
94	10.557	1464	1474	1480	rVV2	1996165	2510776	11.22%	0.587%
95	11.410	1614	1619	1621	rBV	1008678	1193687	5.33%	0.279%
96	11.445	1621	1625	1629	rVV	3484904	4018242	17.96%	0.939%
97	12.910	1869	1874	1877	rBV	1639865	1580930	7.06%	0.369%
98	13.180	1914	1920	1923	rBV	1143341	1332452	5.95%	0.311%
99	13.386	1949	1955	1959	rBV	2259340	2607156	11.65%	0.609%
100	14.657	2166	2171	2175	rBV2	894633	1244794	5.56%	0.291%

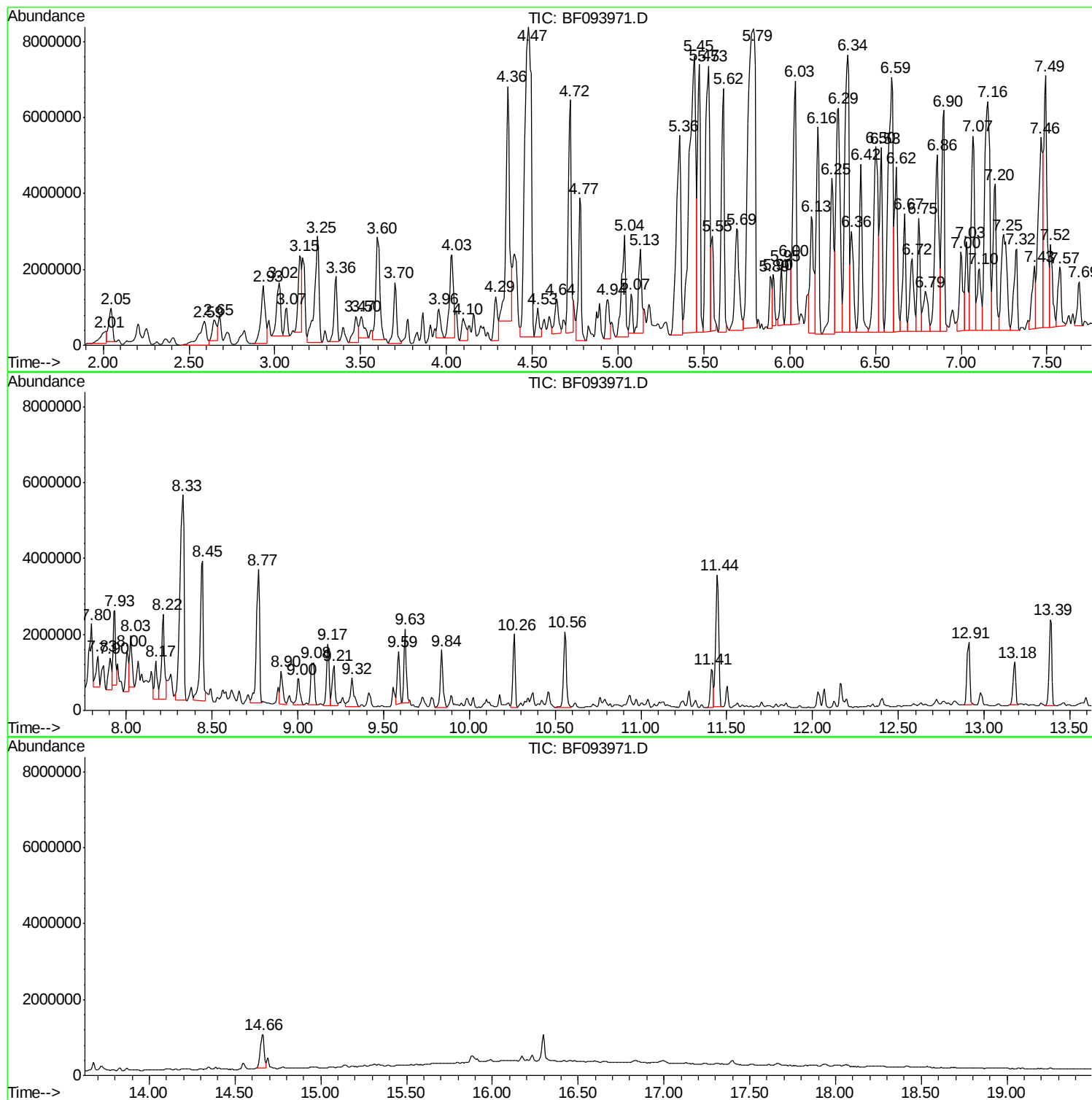
Sum of corrected areas: 427900367

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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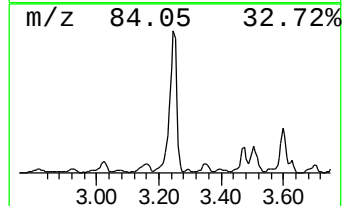
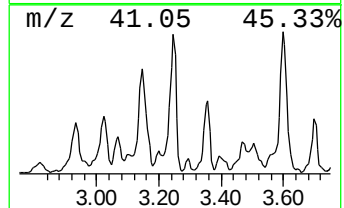
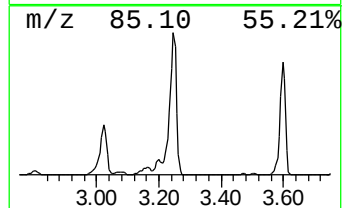
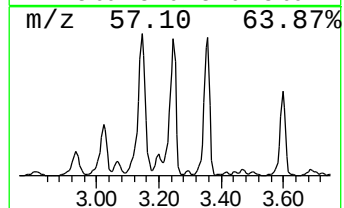
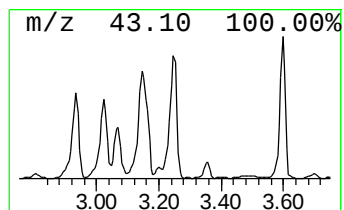
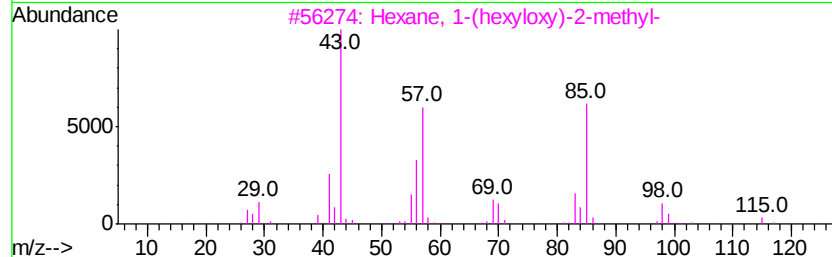
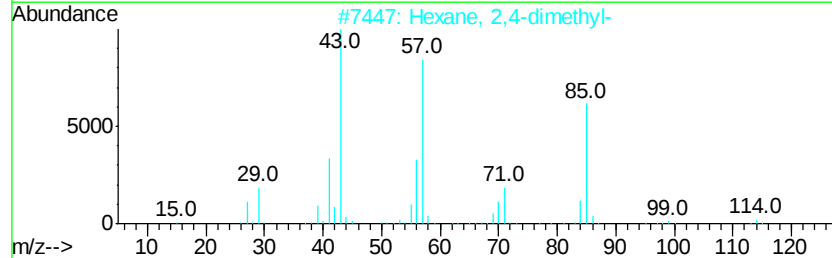
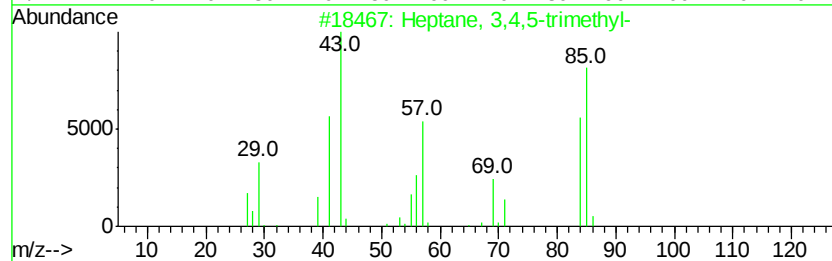
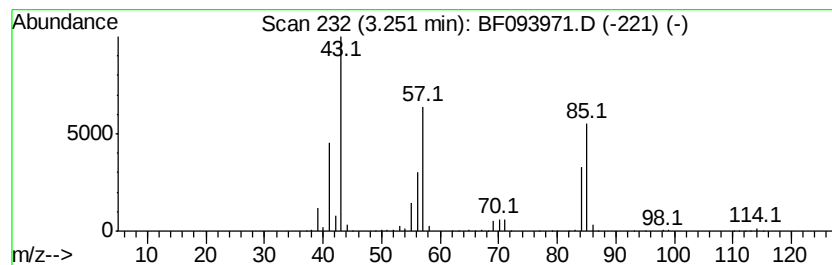
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Heptane, 3,4,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	61.08 ng	4879280	1,4-Dichlorobenzene-d4	5.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	86
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	74
3			Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	64
4			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64
5			Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	59



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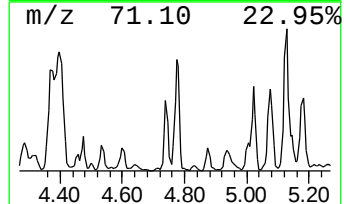
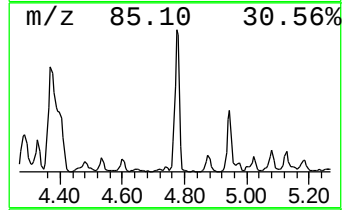
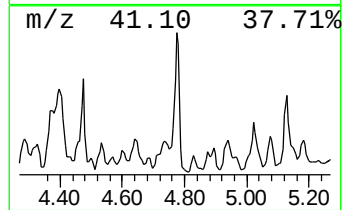
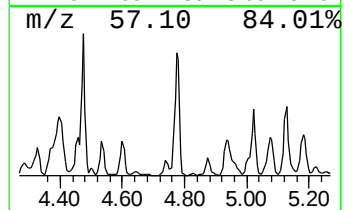
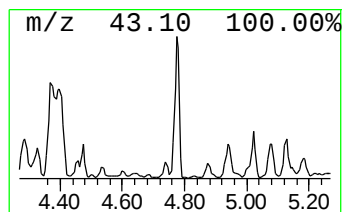
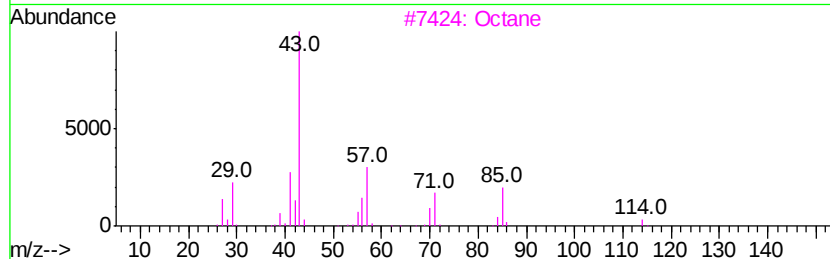
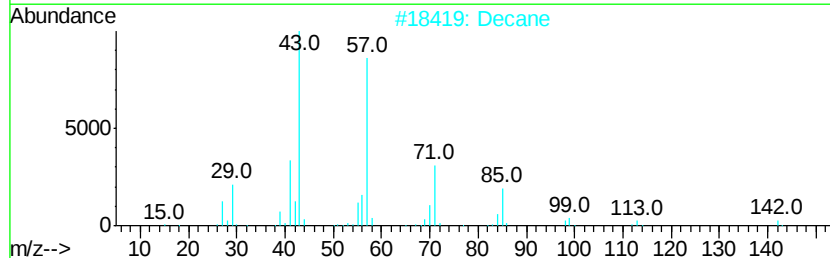
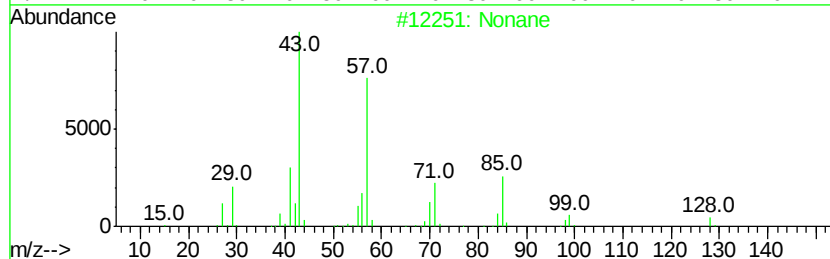
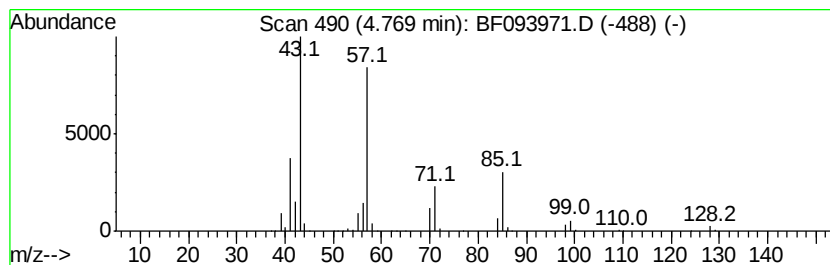
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Nonane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	52.53 ng	4196110	1,4-Dichlorobenzene-d4	5.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane		128	C9H20	000111-84-2	91
2	Decane		142	C10H22	000124-18-5	78
3	Octane		114	C8H18	000111-65-9	64
4	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	64
5	Octane, 2,4,6-trimethyl-		156	C11H24	062016-37-9	53



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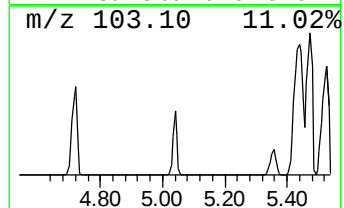
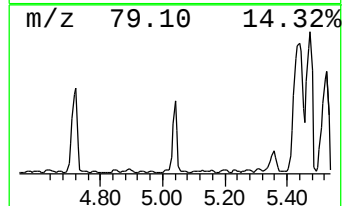
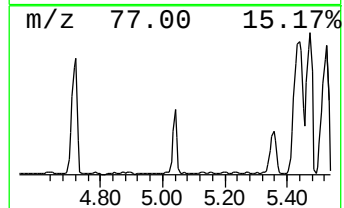
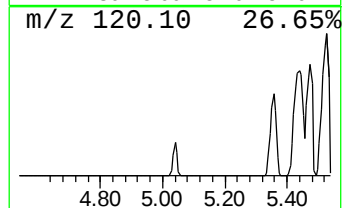
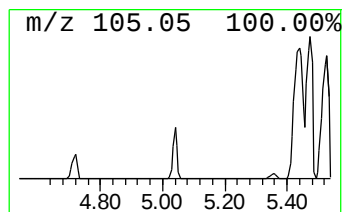
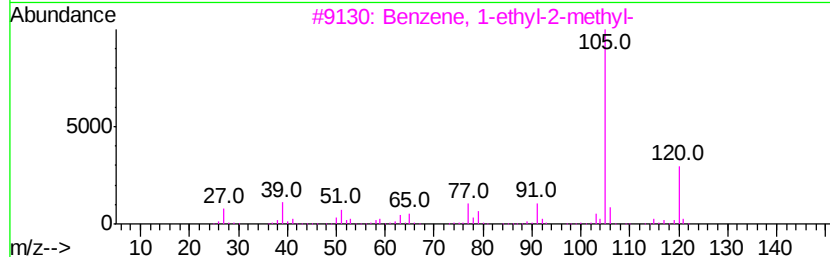
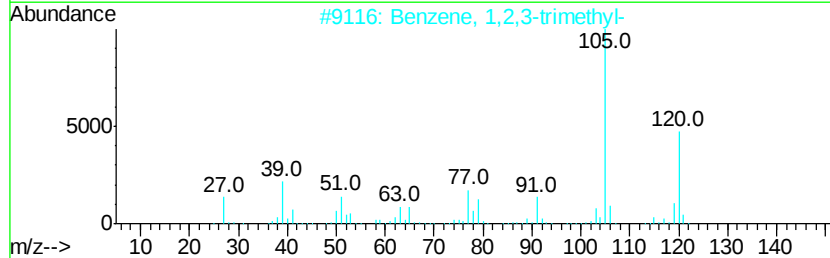
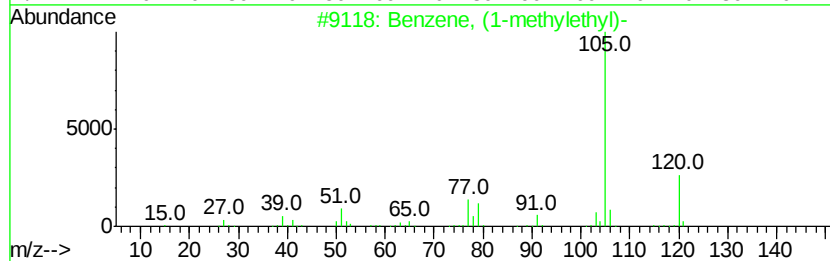
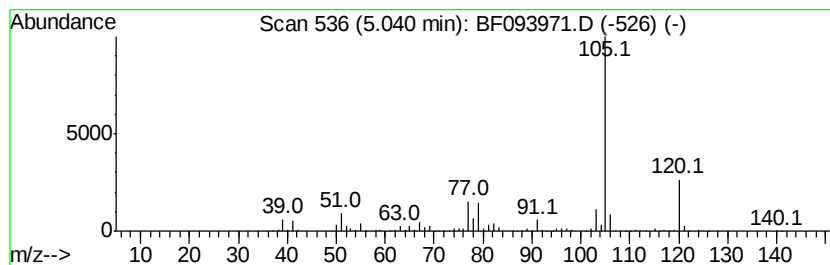
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	56.16 ng	4486060	1,4-Dichlorobenzene-d4	5.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	72
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	72



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Data File : BF093971.D
Acq On : 28 Mar 2017 4:44
Operator : SJ/MA
Sample : I2413-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

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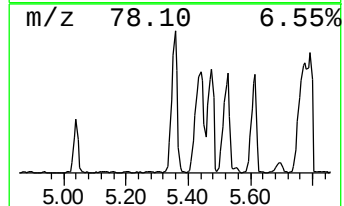
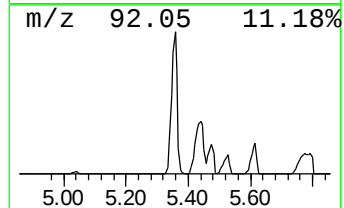
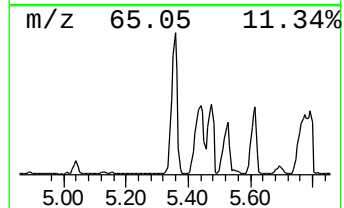
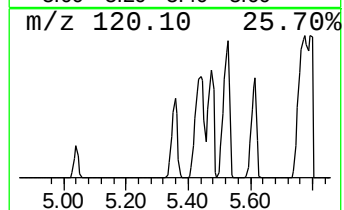
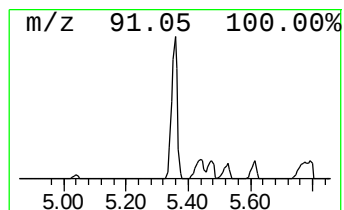
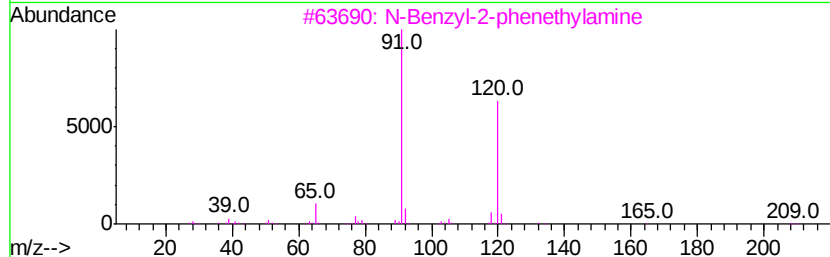
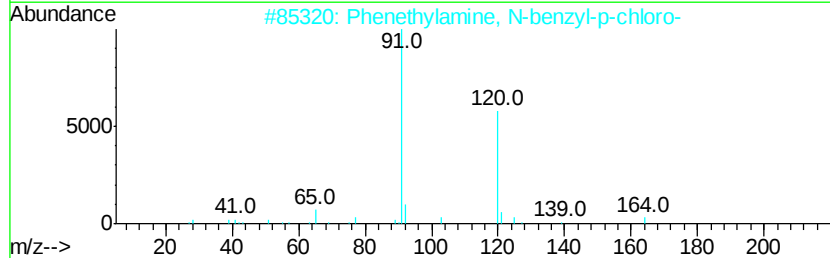
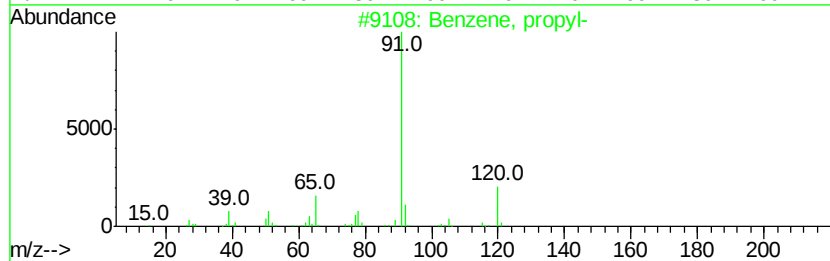
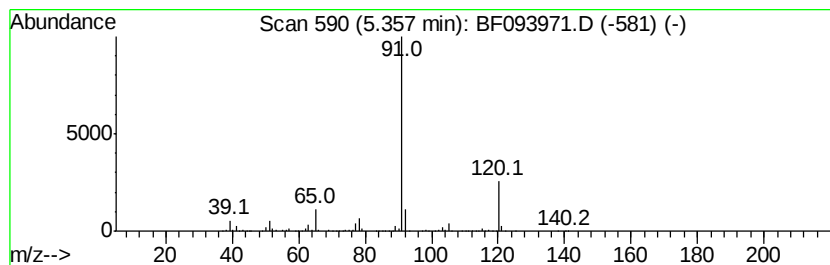
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	110.80 ng	8850710	1,4-Dichlorobenzene-d4	5.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, propyl-	120	C9H12	000103-65-1	91
2		Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
3		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
4		1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5		Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032717\
Data File : BF093971.D
Acq On : 28 Mar 2017 4:44
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ClientSampled :
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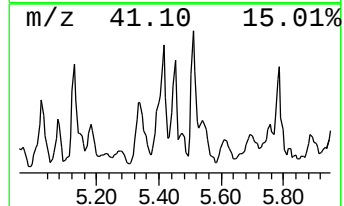
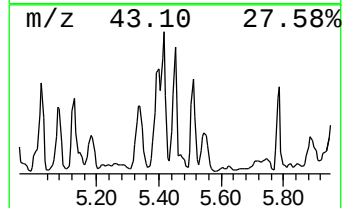
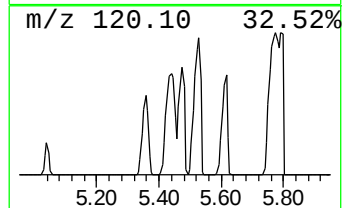
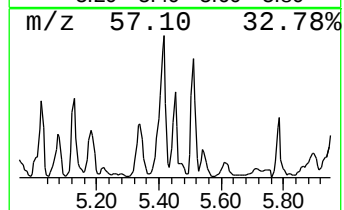
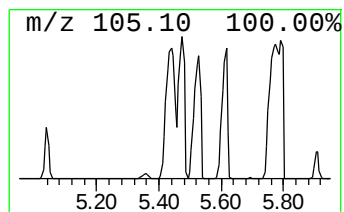
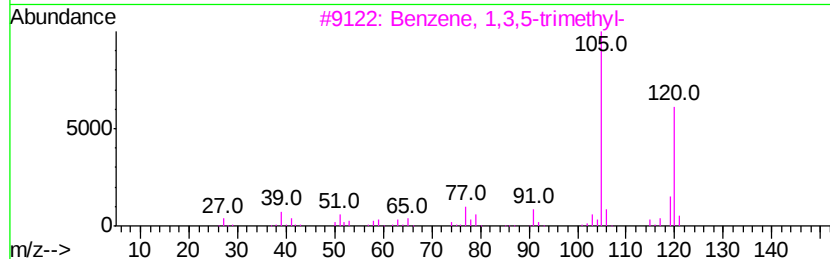
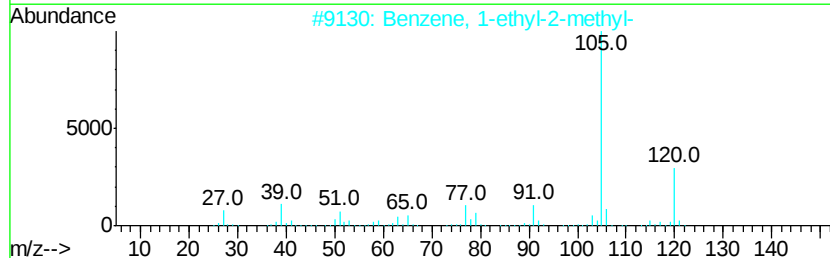
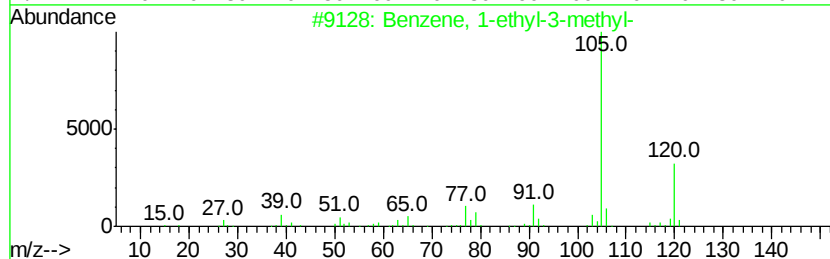
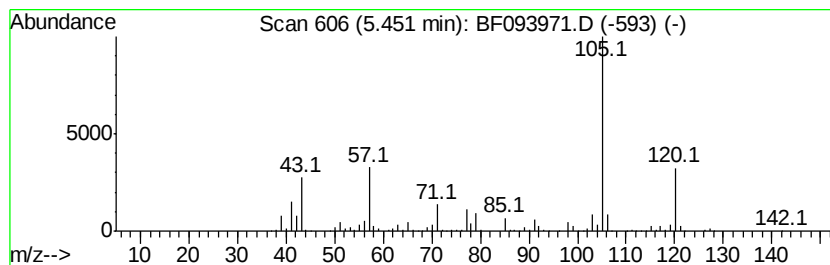
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	238.04 ng	19014400	1,4-Dichlorobenzene-d4	5.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032717\
Data File : BF093971.D
Acq On : 28 Mar 2017 4:44
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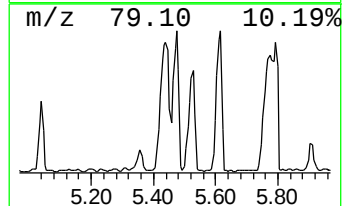
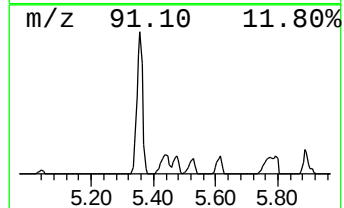
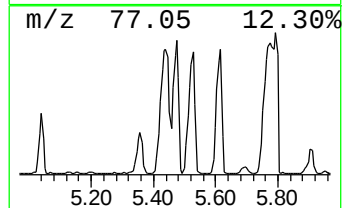
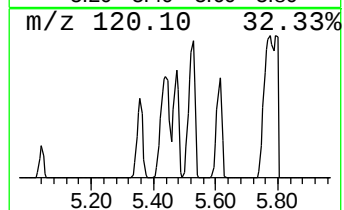
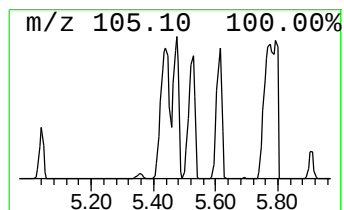
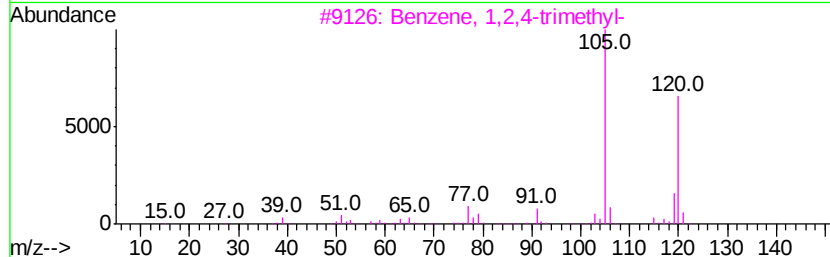
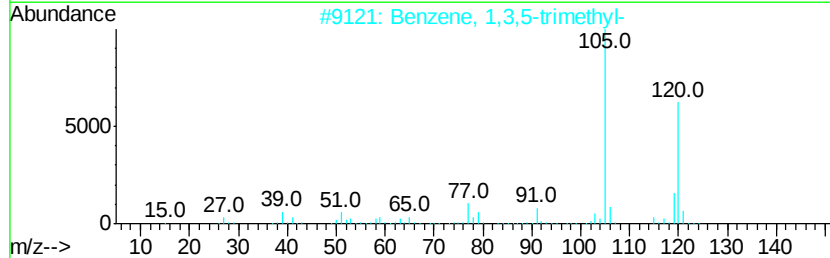
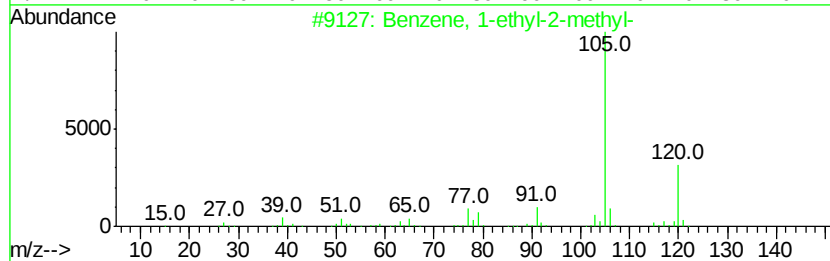
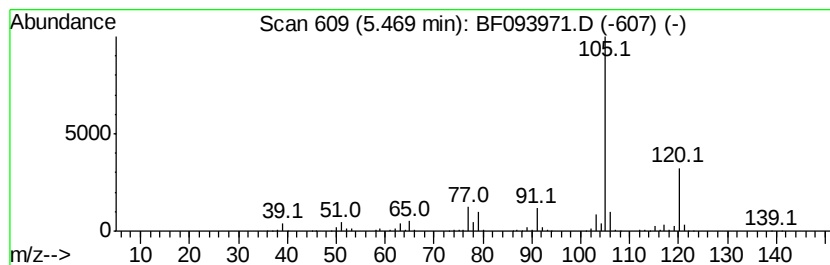
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	106.55 ng	8510970	1,4-Dichlorobenzene-d4	5.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032717\
Data File : BF093971.D
Acq On : 28 Mar 2017 4:44
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Misc :
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Instrument :
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ClientSampleId :
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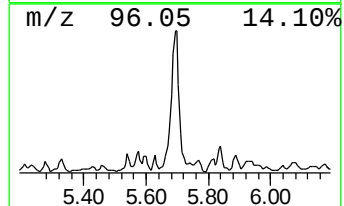
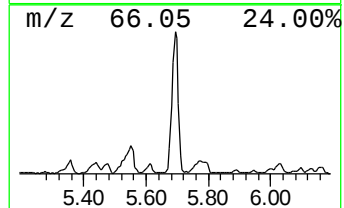
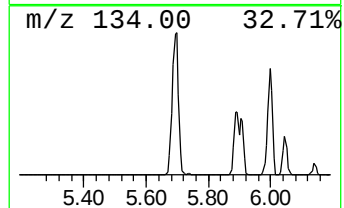
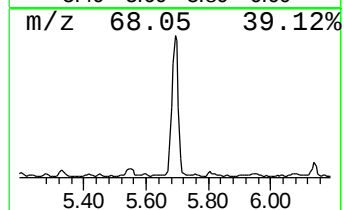
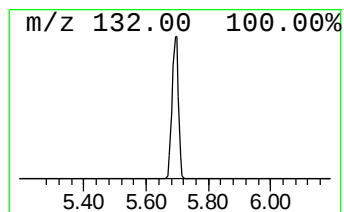
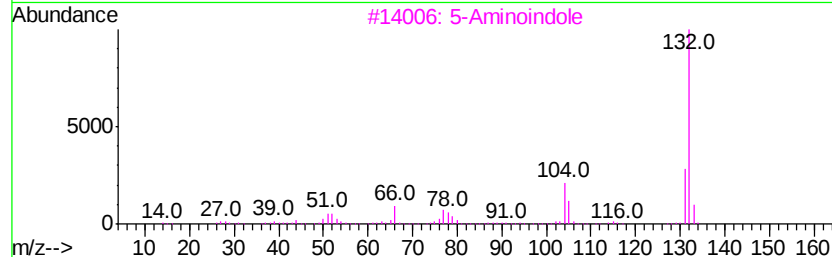
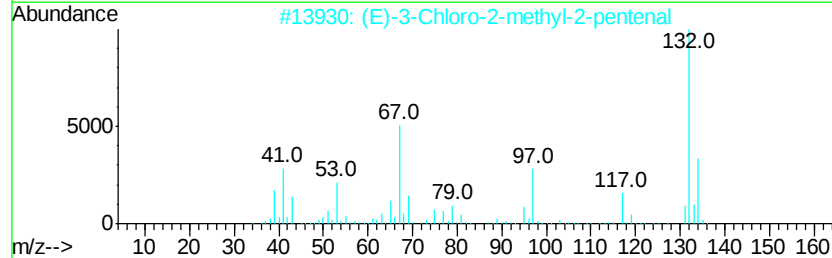
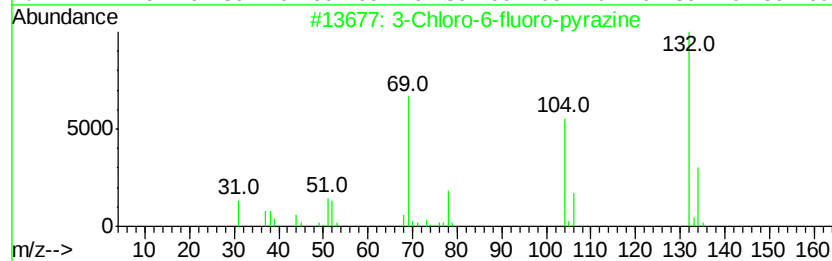
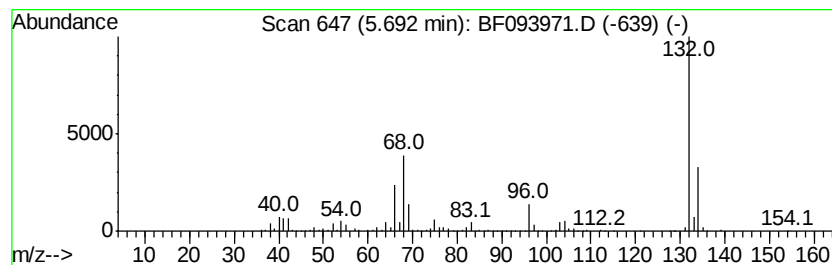
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown5.69 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	59.66 ng	4765540	1,4-Dichlorobenzene-d4	5.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032717\
Data File : BF093971.D
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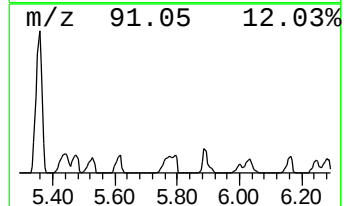
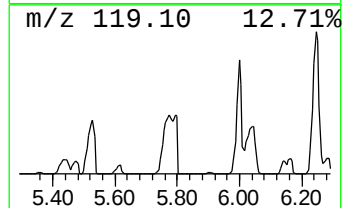
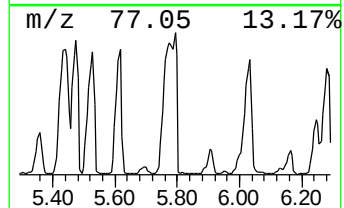
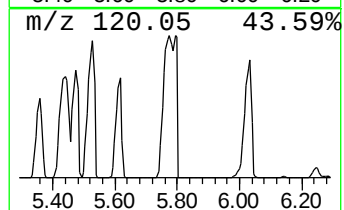
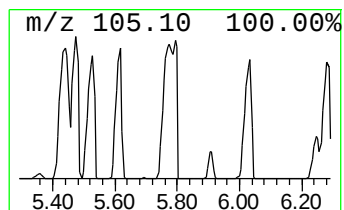
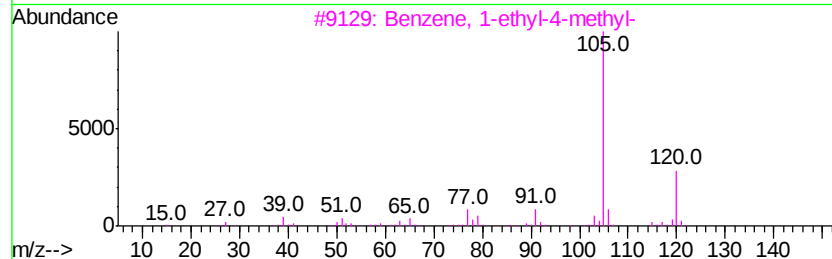
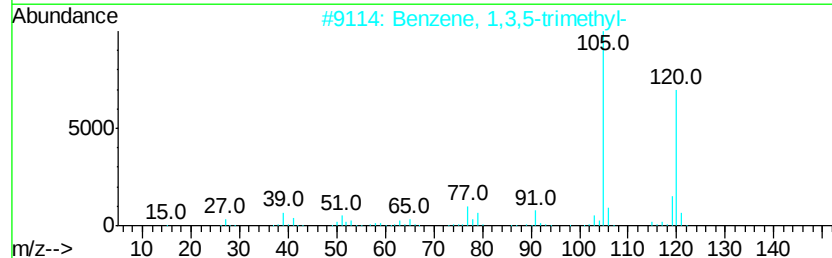
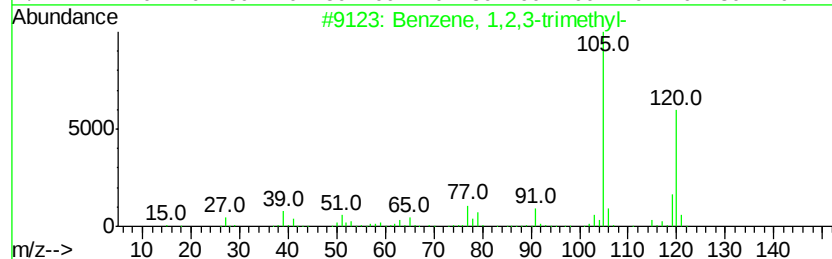
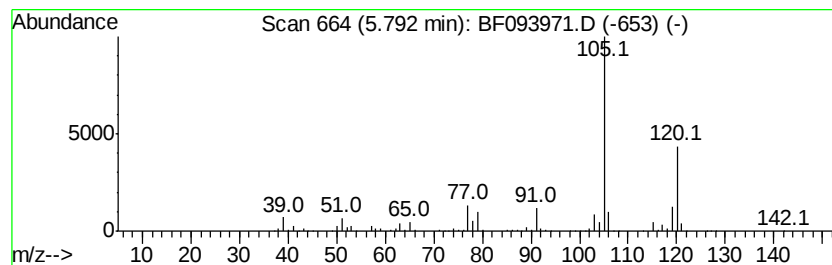
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	280.13 ng	22377000	1,4-Dichlorobenzene-d4	5.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
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ClientSampleId :
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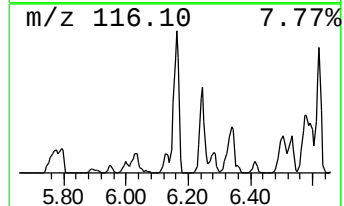
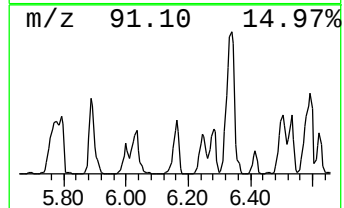
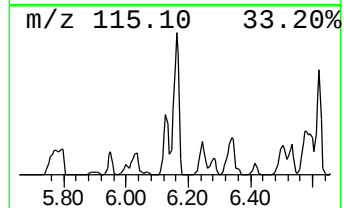
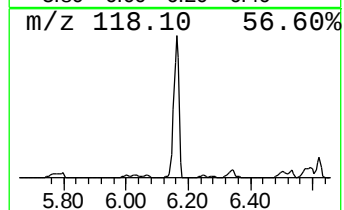
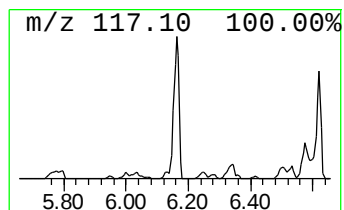
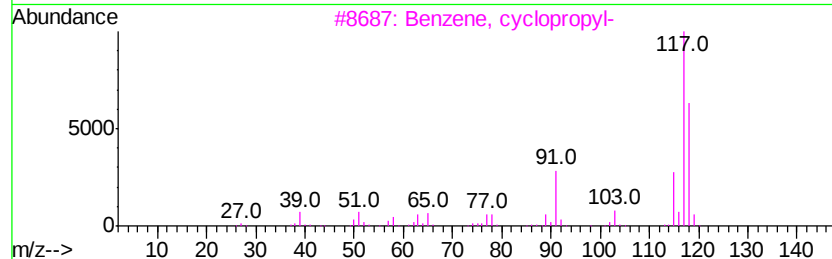
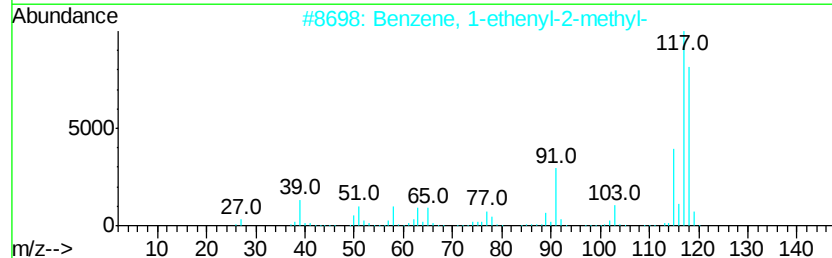
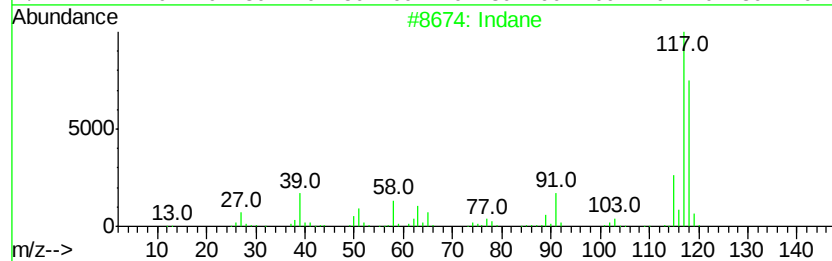
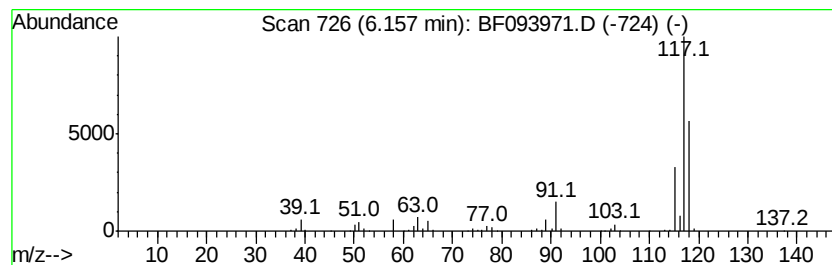
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	80.04 ng	6393690	1,4-Dichlorobenzene-d4	5.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	87
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	64
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032717\
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Acq On : 28 Mar 2017 4:44
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ClientSampleId :
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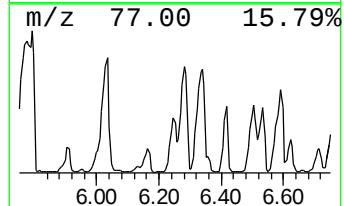
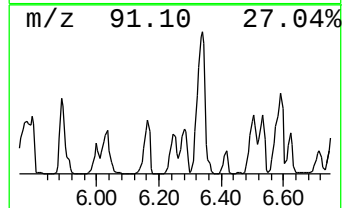
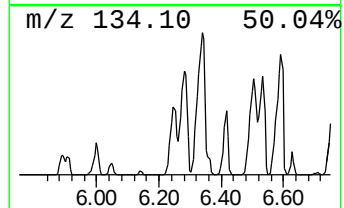
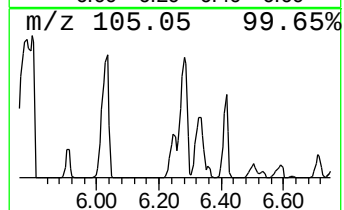
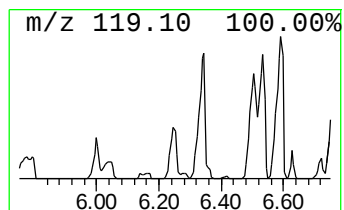
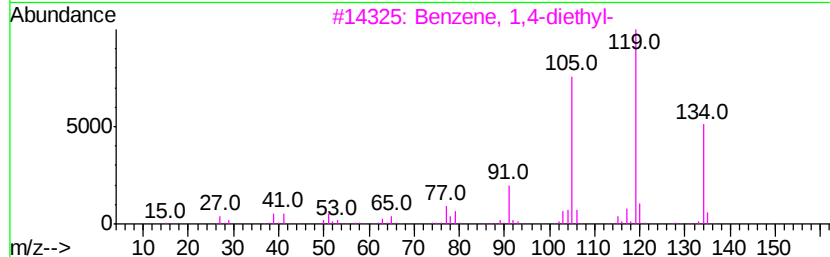
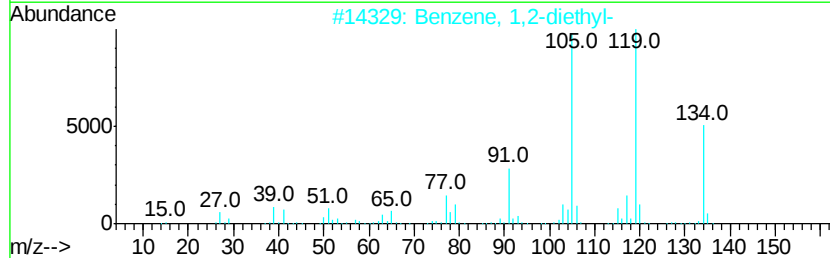
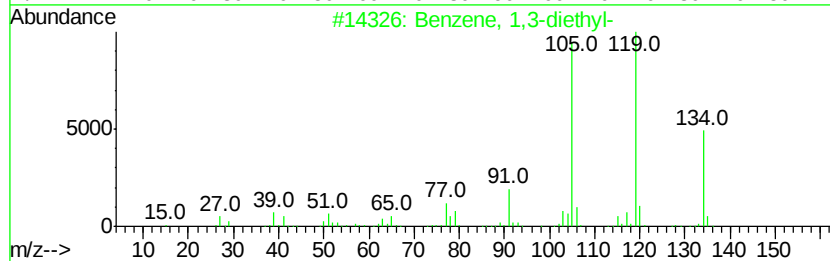
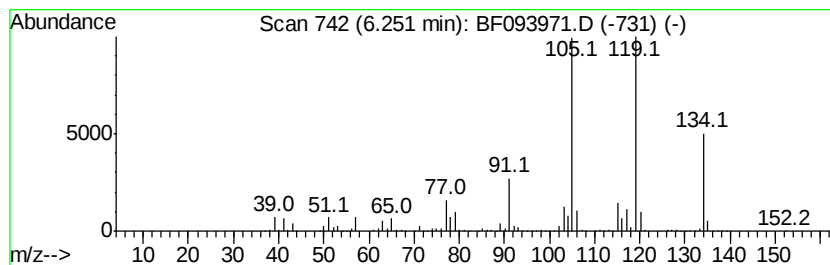
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1,3-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	86.48 ng	6907690	1,4-Dichlorobenzene-d4	5.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032717\
Data File : BF093971.D
Acq On : 28 Mar 2017 4:44
Operator : SJ/MA
Sample : I2413-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-02

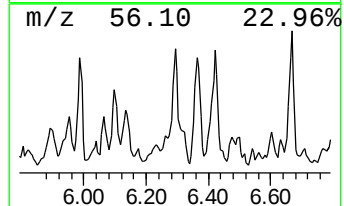
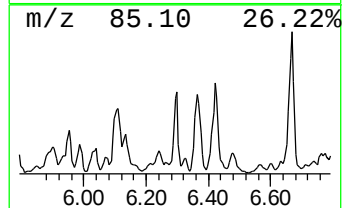
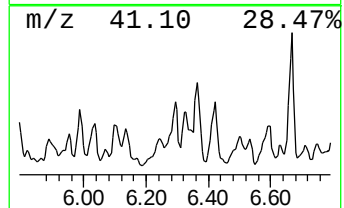
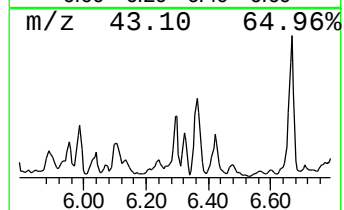
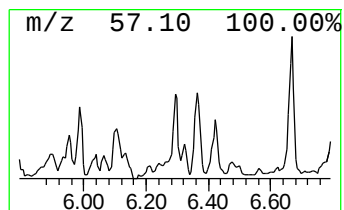
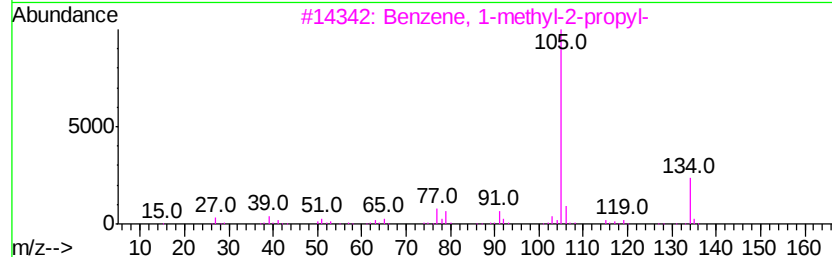
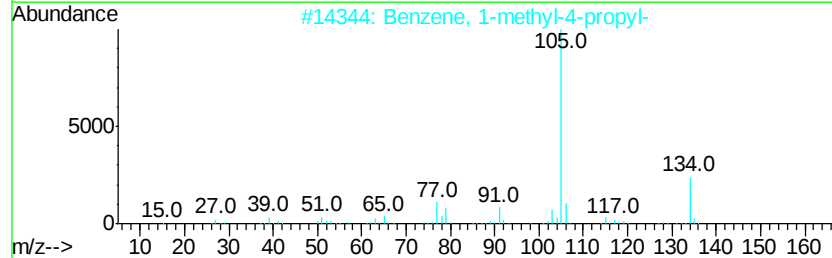
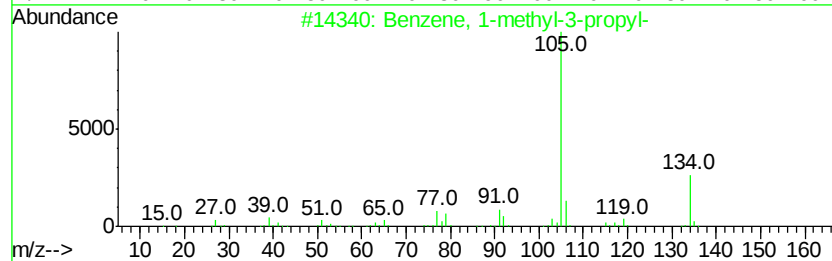
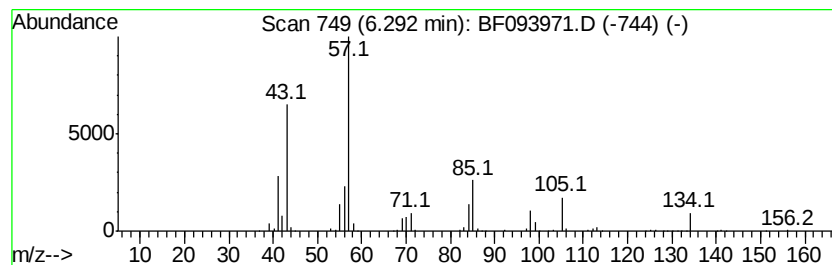
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1-methyl-3-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	113.62 ng	9076060	1,4-Dichlorobenzene-d4	5.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4		2-Tolylloxirane	134	C9H10O	002783-26-8	81
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032717\
Data File : BF093971.D
Acq On : 28 Mar 2017 4:44
Operator : SJ/MA
Sample : I2413-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-02

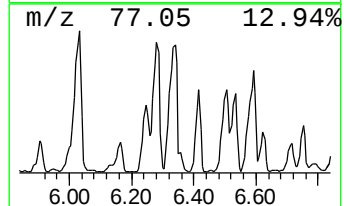
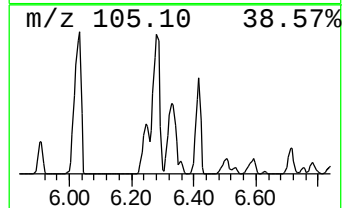
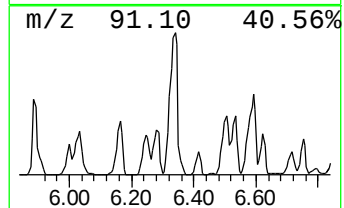
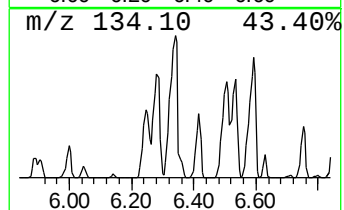
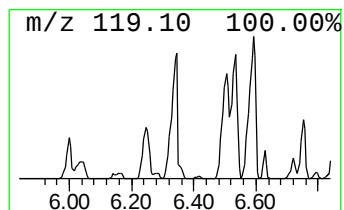
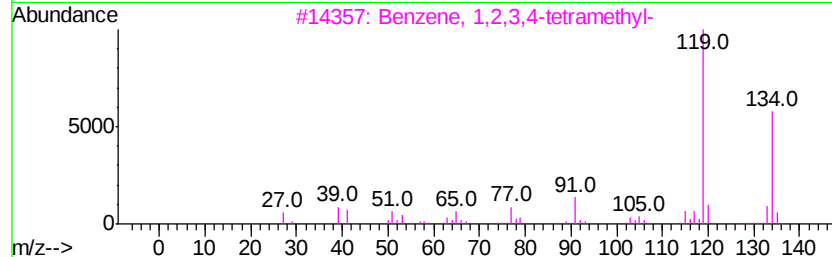
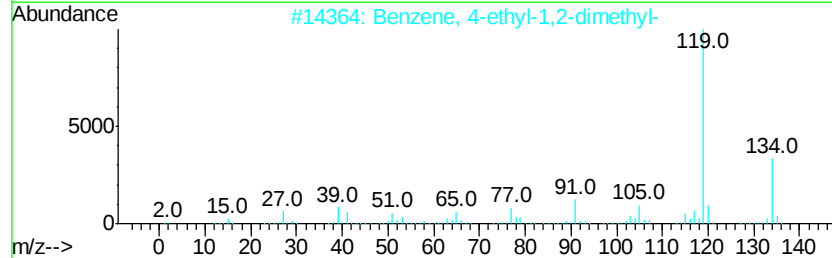
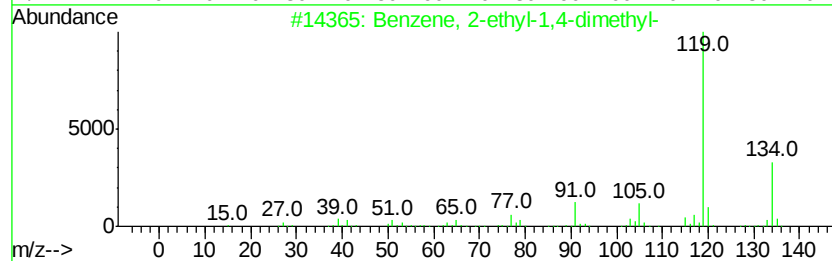
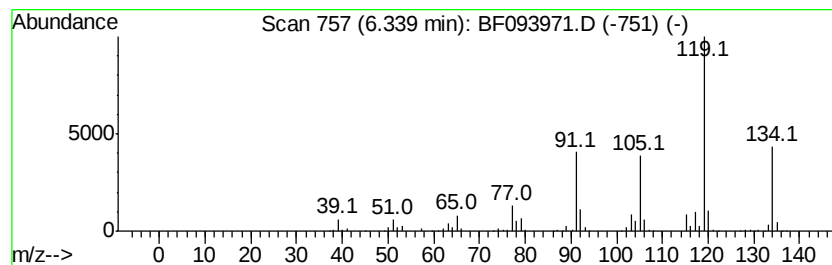
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	170.08 ng	13586200	1,4-Dichlorobenzene-d4	5.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032717\
Data File : BF093971.D
Acq On : 28 Mar 2017 4:44
Operator : SJ/MA
Sample : I2413-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-02

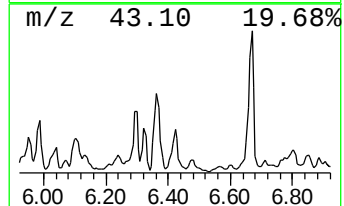
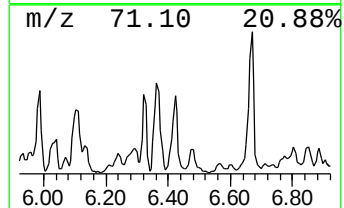
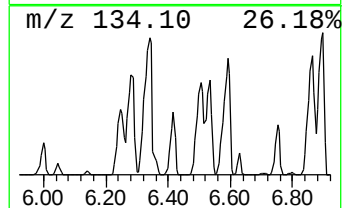
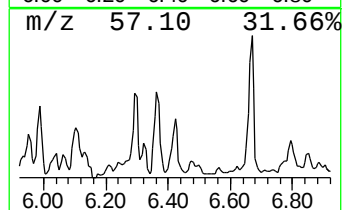
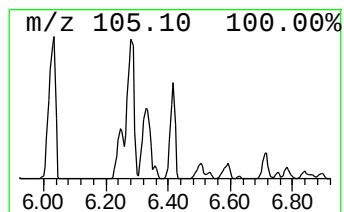
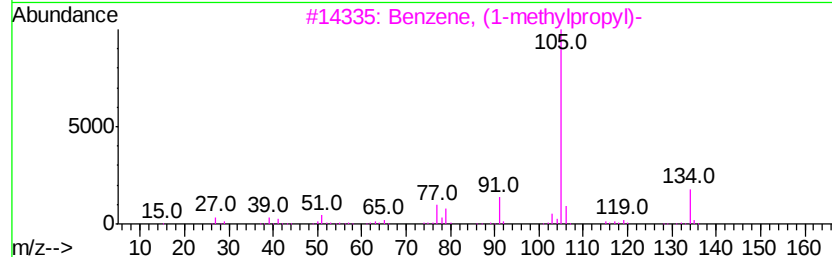
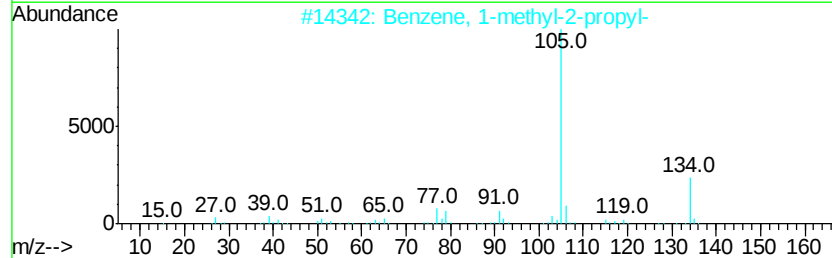
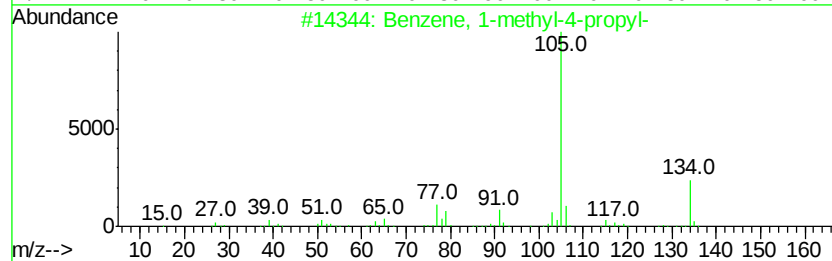
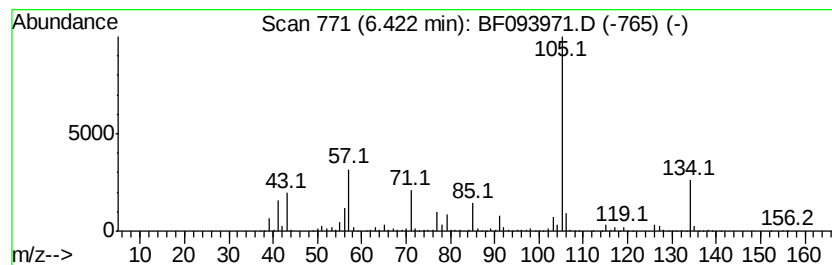
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 1-methyl-4-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	69.20 ng	5527640	1,4-Dichlorobenzene-d4	5.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	93
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	81
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	81
5		2-Tolyloxirane	134	C9H10O	002783-26-8	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032717\
Data File : BF093971.D
Acq On : 28 Mar 2017 4:44
Operator : SJ/MA
Sample : I2413-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TS-02

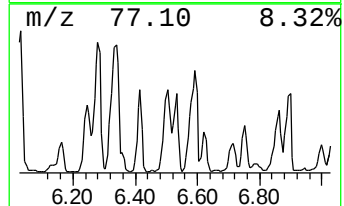
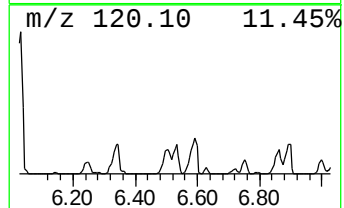
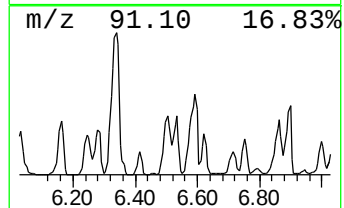
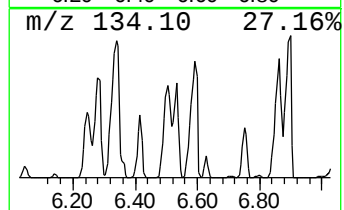
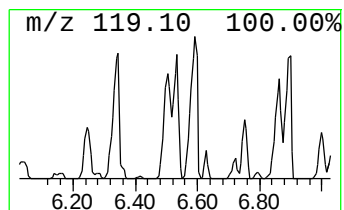
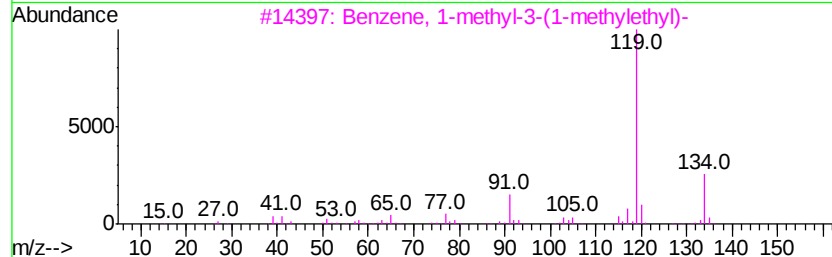
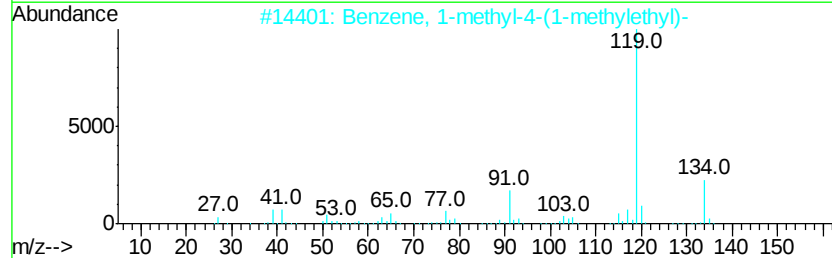
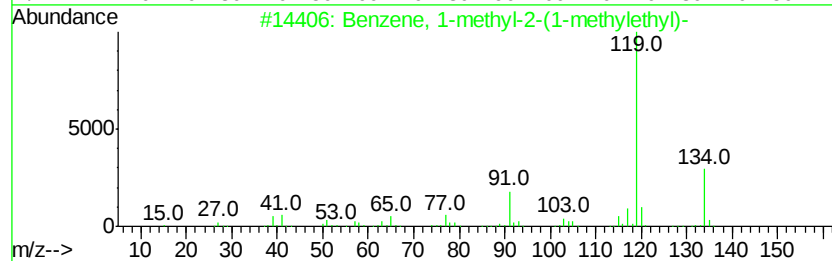
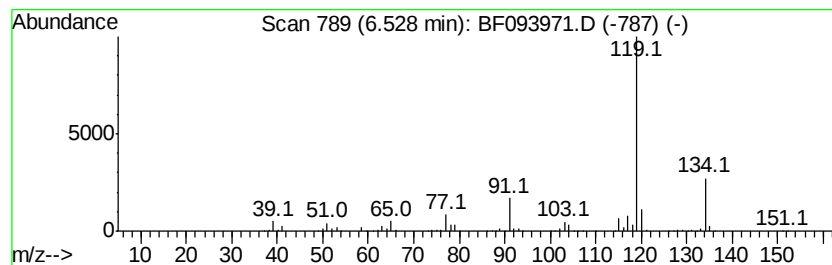
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzene, 1-methyl-2-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	67.36 ng	5380850	1,4-Dichlorobenzene-d4	5.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
2		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032717\
 Data File : BF093971.D
 Acq On : 28 Mar 2017 4:44
 Operator : SJ/MA
 Sample : I2413-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Heptane, 3,4,5-tr...	3.25	61.1	ng	4879280	1	5.95	1597610	20.0
Nonane	4.77	52.5	ng	4196110	1	5.95	1597610	20.0
Benzene, (1-methy...	5.04	56.2	ng	4486060	1	5.95	1597610	20.0
Benzene, propyl-	5.36	110.8	ng	8850710	1	5.95	1597610	20.0
Benzene, 1-ethyl-...	5.45	238.0	ng	19014400	1	5.95	1597610	20.0
Benzene, 1-ethyl-...	5.47	106.6	ng	8510970	1	5.95	1597610	20.0
unknown5.69	5.69	59.7	ng	4765540	1	5.95	1597610	20.0
Benzene, 1,2,3-tr...	5.79	280.1	ng	22377000	1	5.95	1597610	20.0
Indane	6.16	80.0	ng	6393690	1	5.95	1597610	20.0
Benzene, 1,3-diet...	6.25	86.5	ng	6907690	1	5.95	1597610	20.0
Benzene, 1-methyl...	6.29	113.6	ng	9076060	1	5.95	1597610	20.0
Benzene, 2-ethyl-...	6.34	170.1	ng	13586200	1	5.95	1597610	20.0
Benzene, 1-methyl...	6.42	69.2	ng	5527640	1	5.95	1597610	20.0
Benzene, 1-methyl...	6.53	67.4	ng	5380850	1	5.95	1597610	20.0