

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050117\
 Data File : BF094755.D
 Acq On : 1 May 2017 18:11
 Operator : SJ/MA
 Sample : I2931-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-042817

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-BF041717.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	3.907	331	335	344	rBV	143305	180542	4.94%	0.255%
2	4.278	391	398	403	rBV2	287661	498319	13.62%	0.704%
3	4.319	403	405	417	rBV	538927	651968	17.83%	0.922%
4	4.525	436	440	443	rBV	556377	544817	14.90%	0.770%
5	5.149	540	546	552	rBV2	71692	145439	3.98%	0.206%
6	5.213	552	557	559	rBV3	173561	258162	7.06%	0.365%
7	5.243	559	562	565	rVV	1366291	1422235	38.89%	2.011%
8	5.272	565	567	572	rVB	863060	733502	20.06%	1.037%
9	5.325	572	576	583	rBV	1834238	1769111	48.37%	2.501%
10	5.413	585	591	595	rBV2	1425285	1671186	45.69%	2.362%
11	5.513	605	608	614	rBV	1067665	1159344	31.70%	1.639%
12	5.572	614	618	620	rVV	1810801	1631023	44.59%	2.306%
13	5.590	620	621	628	rVB	214455	162488	4.44%	0.230%
14	5.760	647	650	654	rVB	646607	545697	14.92%	0.771%
15	5.801	654	657	659	rBV2	347197	350808	9.59%	0.496%
16	5.831	659	662	668	rVB	1756537	1674029	45.77%	2.366%
17	5.913	671	676	677	rBV2	216001	229322	6.27%	0.324%
18	5.937	677	680	683	rVV	1566480	1488581	40.70%	2.104%
19	5.966	683	685	690	rVB	900751	741869	20.28%	1.049%
20	6.054	696	700	702	rBV	882096	787438	21.53%	1.113%
21	6.084	702	705	711	rVB2	1131352	1182138	32.32%	1.671%
22	6.137	711	714	717	rBV2	1915165	2055503	56.20%	2.906%
23	6.172	717	720	724	rVB	422130	482534	13.19%	0.682%
24	6.219	724	728	736	rVB2	726265	889909	24.33%	1.258%
25	6.284	736	739	740	rBV	115910	133180	3.64%	0.188%
26	6.307	740	743	745	rBV	1188874	1065692	29.14%	1.506%
27	6.337	745	748	751	rVB	1154295	1026612	28.07%	1.451%
28	6.395	751	758	760	rBV	2310982	2980437	81.49%	4.213%
29	6.419	760	762	769	rVB2	2163407	2023668	55.33%	2.861%
30	6.478	769	772	774	rBV	237972	201261	5.50%	0.285%
31	6.519	776	779	782	rBV3	294493	312835	8.55%	0.442%
32	6.560	782	786	789	rVB	773241	650264	17.78%	0.919%
33	6.601	789	793	797	rVB4	190740	287772	7.87%	0.407%
34	6.666	799	804	806	rBV	1825938	1649396	45.10%	2.332%

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35	6.701	806	810	813	rVB	2680335	2455454	67.14%	3.471%
36	6.754	816	819	823	rVB3	168334	230966	6.31%	0.327%
37	6.807	824	828	830	rBV	580179	562554	15.38%	0.795%
38	6.837	830	833	837	rBV2	587603	518828	14.19%	0.733%
39	6.872	837	839	842	rVB	1430295	1315966	35.98%	1.860%
40	6.907	842	845	849	rBV4	207163	273599	7.48%	0.387%
41	6.954	849	853	857	rVB3	2894575	3657421	100.00%	5.170%
42	7.001	857	861	866	rVB2	1117938	1096784	29.99%	1.550%
43	7.060	866	871	877	rVB6	703911	1343801	36.74%	1.900%
44	7.125	877	882	885	rVB	660275	689897	18.86%	0.975%
45	7.225	895	899	901	rBV3	550851	760823	20.80%	1.076%
46	7.260	901	905	908	rBV	1752977	1700210	46.49%	2.403%
47	7.295	908	911	915	rBV4	872288	1368562	37.42%	1.935%
48	7.384	922	926	929	rVB2	705666	765100	20.92%	1.082%
49	7.460	936	939	942	rVB2	210421	207143	5.66%	0.293%
50	7.495	942	945	948	rBV2	597676	584443	15.98%	0.826%
51	7.601	957	963	966	rBV2	842841	1170979	32.02%	1.655%
52	7.637	966	969	972	rVV3	321770	459122	12.55%	0.649%
53	7.672	972	975	979	rVB3	334226	504335	13.79%	0.713%
54	7.713	979	982	984	rBV3	330959	405371	11.08%	0.573%
55	7.737	984	986	988	rVV	1070189	794165	21.71%	1.123%
56	7.760	988	990	992	rVV	202174	144201	3.94%	0.204%
57	7.813	996	999	1001	rBV2	459820	549814	15.03%	0.777%
58	7.837	1001	1003	1006	rVB	730478	591127	16.16%	0.836%
59	7.872	1006	1009	1012	rBV	345184	403781	11.04%	0.571%
60	7.954	1021	1023	1025	rVB	364994	275339	7.53%	0.389%
61	7.978	1025	1027	1029	rVV	490217	370589	10.13%	0.524%
62	8.001	1029	1031	1032	rVV	192059	133894	3.66%	0.189%
63	8.025	1032	1035	1040	rVV4	398127	750110	20.51%	1.060%
64	8.060	1040	1041	1046	rVV3	319616	230587	6.30%	0.326%
65	8.113	1046	1050	1058	rVB4	305972	616022	16.84%	0.871%
66	8.184	1058	1062	1065	rVB2	174676	188297	5.15%	0.266%
67	8.242	1065	1072	1074	rBV	1200335	1329542	36.35%	1.879%
68	8.266	1074	1076	1079	rVV3	193226	225750	6.17%	0.319%
69	8.295	1079	1081	1085	rVB2	256899	239525	6.55%	0.339%
70	8.372	1091	1094	1099	rVV3	213991	275725	7.54%	0.390%
71	8.425	1100	1103	1107	rVB3	139362	194092	5.31%	0.274%

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72	8.466	1107	1110	1114	rVB6	116934	150242	4.11%	0.212%
73	8.519	1116	1119	1122	rBV3	151043	161784	4.42%	0.229%
74	8.548	1122	1124	1126	rBV2	200687	199888	5.47%	0.283%
75	8.578	1126	1129	1132	rVB	2362818	2171230	59.37%	3.069%
76	8.719	1150	1153	1157	rBV3	170168	255580	6.99%	0.361%
77	8.754	1157	1159	1162	rVV	166349	180513	4.94%	0.255%
78	8.807	1165	1168	1174	rVB3	106853	173078	4.73%	0.245%
79	8.889	1178	1182	1188	rBV3	248849	422636	11.56%	0.597%
80	8.984	1194	1198	1200	rBV	366399	394714	10.79%	0.558%
81	9.013	1200	1203	1205	rVV	203046	165233	4.52%	0.234%
82	9.078	1212	1214	1217	rBV	154824	170475	4.66%	0.241%
83	9.113	1217	1220	1223	rVB2	253321	275410	7.53%	0.389%
84	9.366	1259	1263	1264	rBV2	141715	143300	3.92%	0.203%
85	9.389	1264	1267	1271	rVB2	738268	721496	19.73%	1.020%
86	9.536	1288	1292	1297	rBV	84899	168921	4.62%	0.239%
87	9.654	1309	1312	1316	rVB2	136175	160488	4.39%	0.227%
88	9.701	1316	1320	1323	rBV2	119799	156862	4.29%	0.222%
89	9.795	1333	1336	1340	rVV2	114225	170990	4.68%	0.242%
90	9.983	1366	1368	1371	rBV	136568	127981	3.50%	0.181%
91	10.107	1386	1389	1392	rBV2	76307	106447	2.91%	0.150%
92	10.260	1411	1415	1418	rBV	232087	249649	6.83%	0.353%
93	10.372	1429	1434	1439	rBV	682953	801176	21.91%	1.133%
94	10.589	1465	1471	1475	rVV	411579	548816	15.01%	0.776%
95	11.160	1565	1568	1572	rVB	199928	217930	5.96%	0.308%
96	11.213	1573	1577	1581	rBV	612145	594643	16.26%	0.841%
97	11.948	1699	1702	1708	rBV3	88836	126565	3.46%	0.179%
98	13.189	1908	1913	1917	rBV	1699484	1757158	48.04%	2.484%
99	14.466	2125	2130	2135	rBV	497936	516250	14.12%	0.730%
100	16.095	2402	2407	2414	rBV	419590	479154	13.10%	0.677%

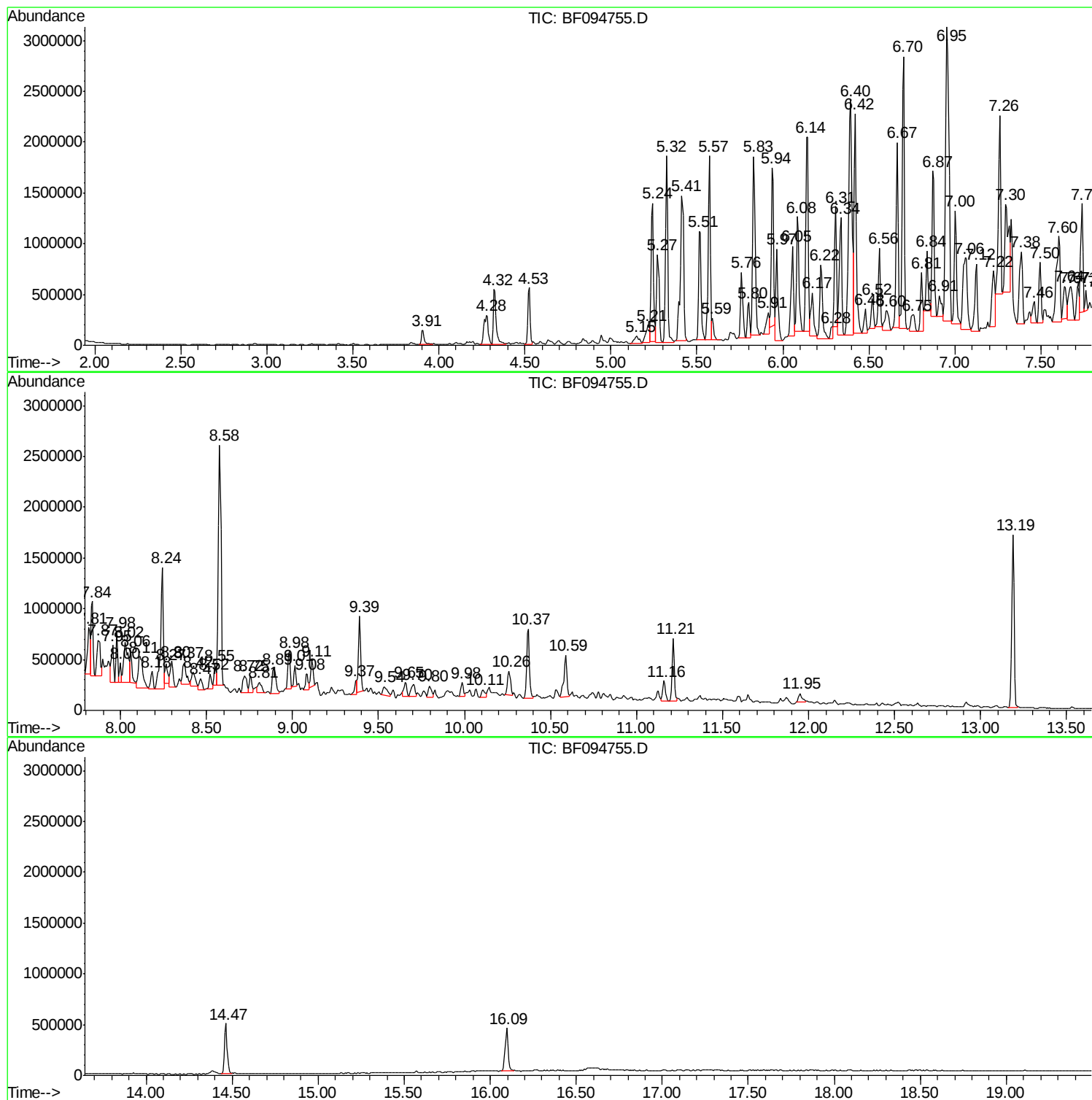
Sum of corrected areas: 70739608

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.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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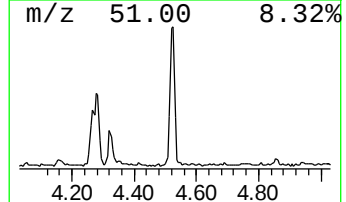
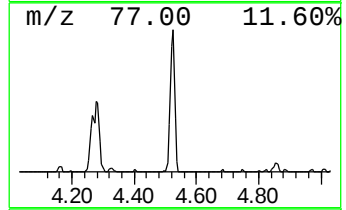
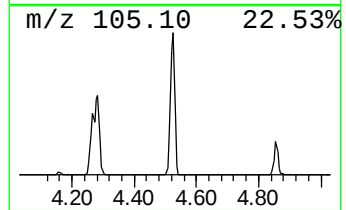
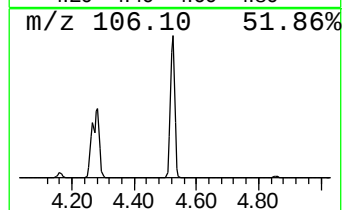
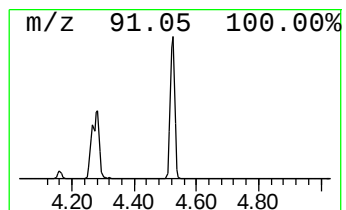
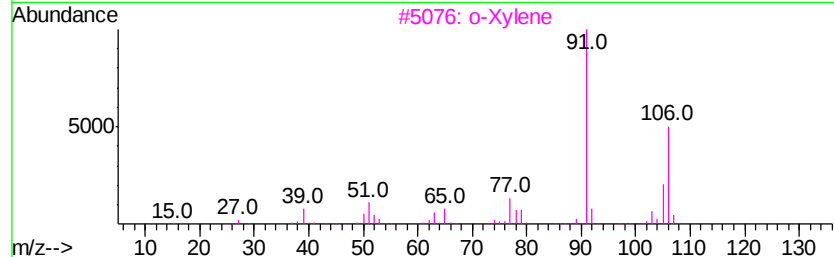
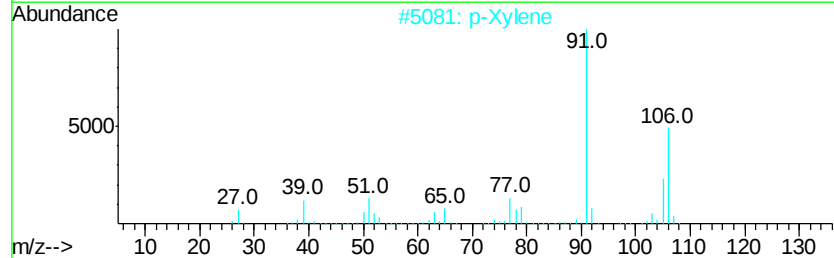
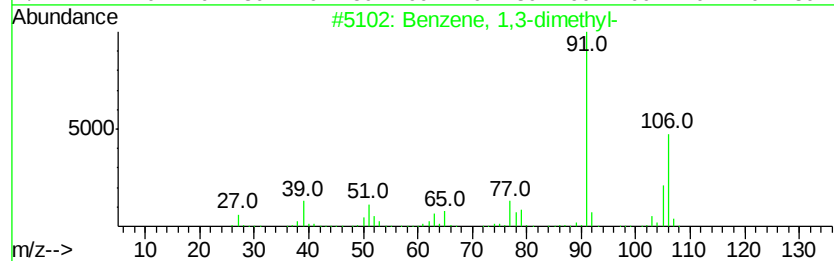
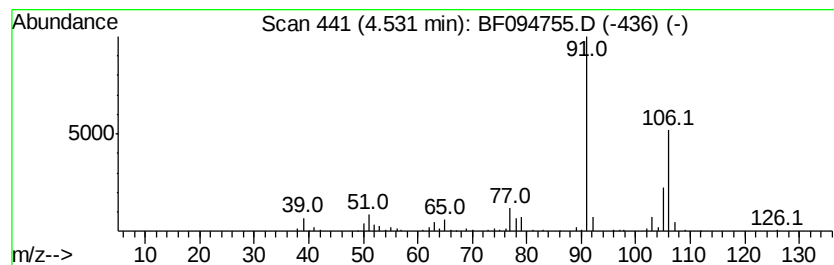
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	19.97 ng	544817	1,4-Dichlorobenzene-d4	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		p-Xylene	106	C8H10	000106-42-3	97
3		o-Xylene	106	C8H10	000095-47-6	97
4		Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86
5		Ethylbenzene	106	C8H10	000100-41-4	83



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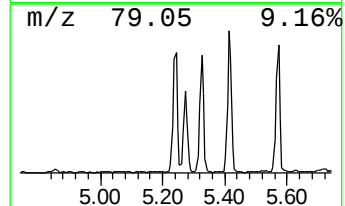
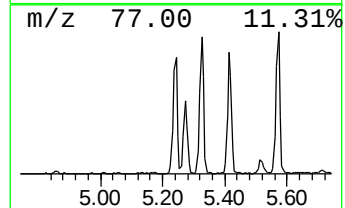
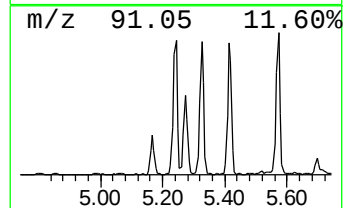
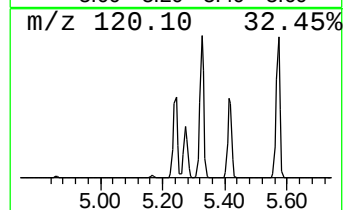
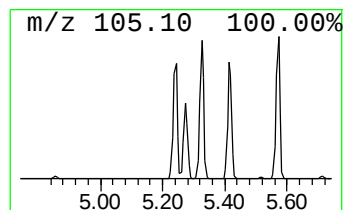
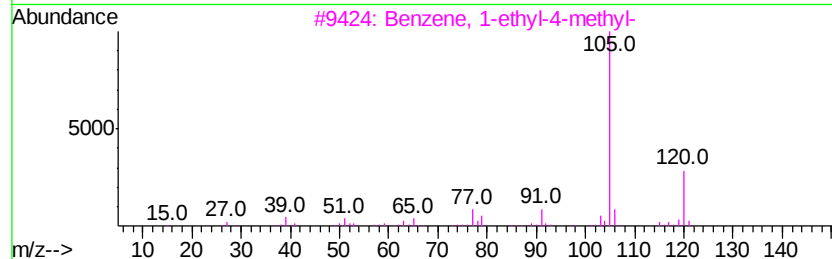
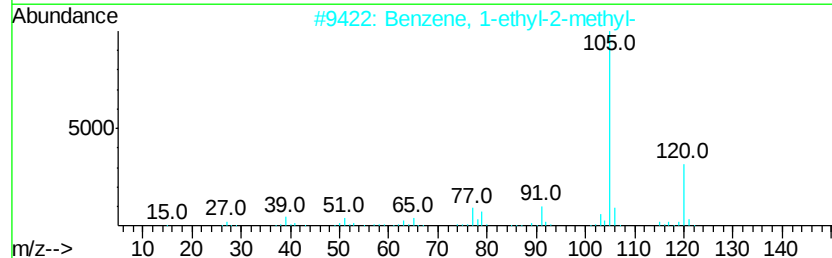
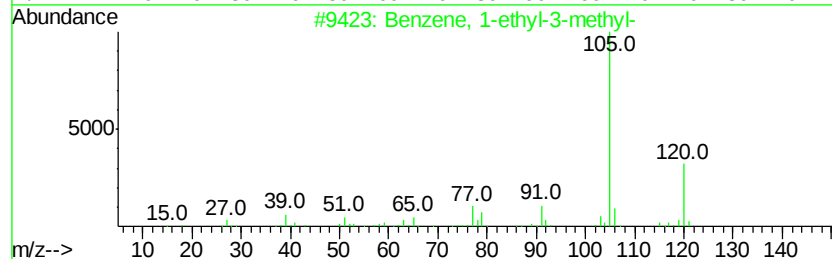
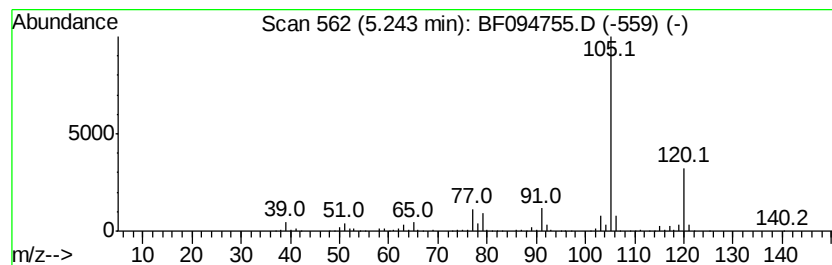
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	52.13 ng	1422240	1,4-Dichlorobenzene-d4	5.76

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	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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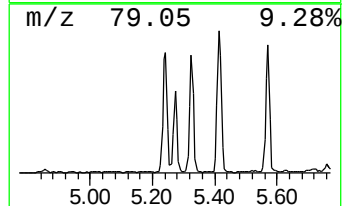
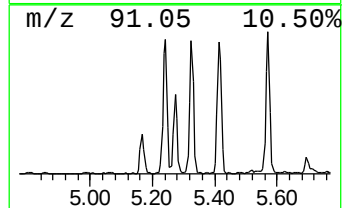
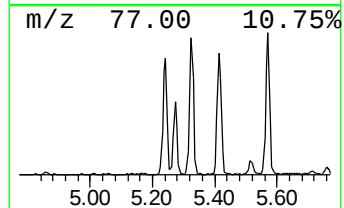
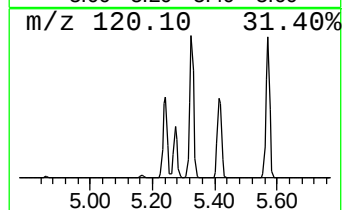
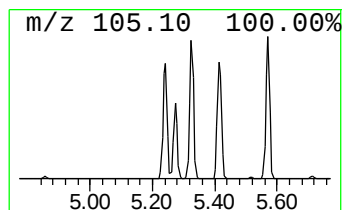
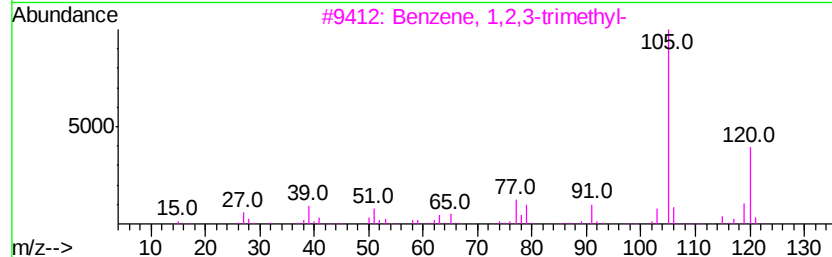
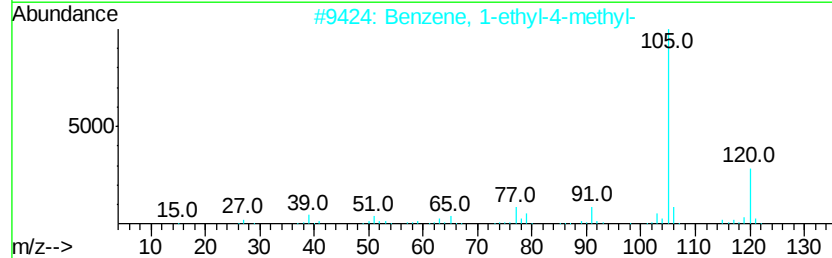
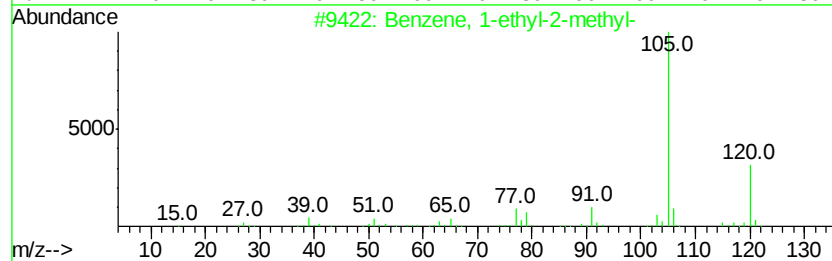
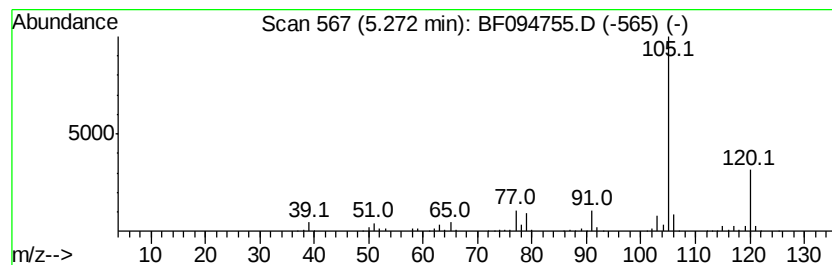
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Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	26.88 ng	733502	1,4-Dichlorobenzene-d4	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050117\
Data File : BF094755.D
Acq On : 1 May 2017 18:11
Operator : SJ/MA
Sample : I2931-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-042817

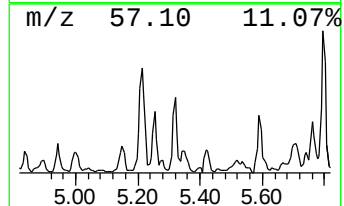
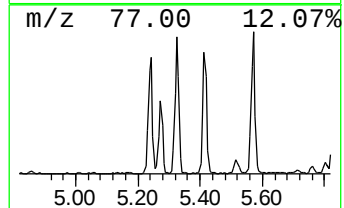
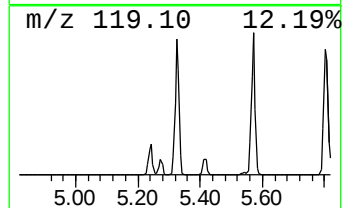
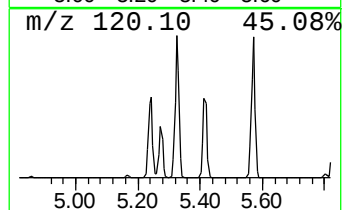
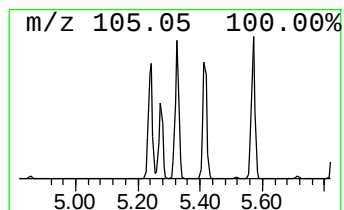
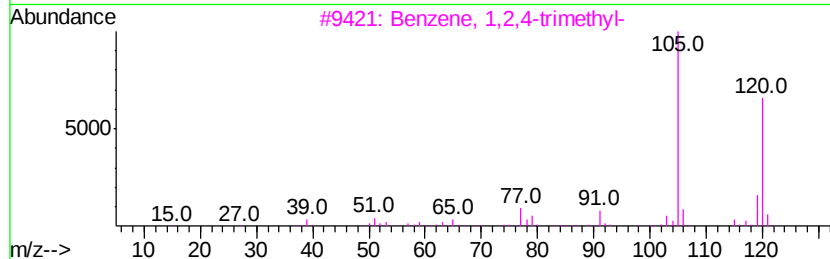
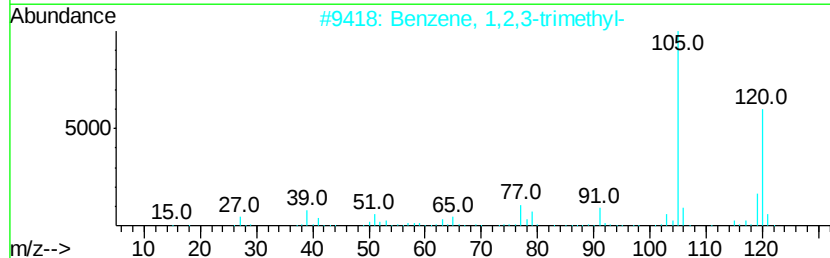
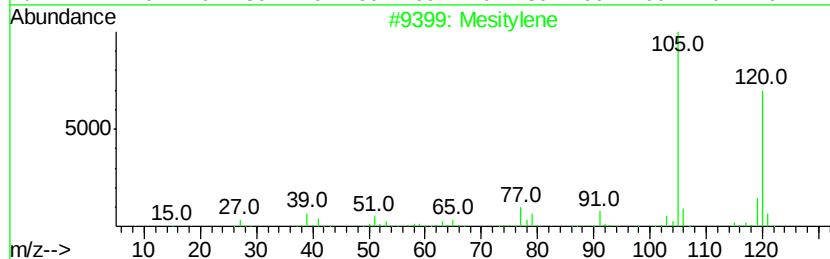
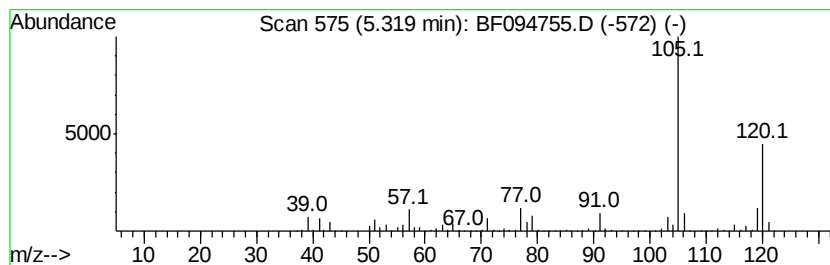
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Mesitylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	64.84 ng	1769110	1,4-Dichlorobenzene-d4	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	97
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050117\
Data File : BF094755.D
Acq On : 1 May 2017 18:11
Operator : SJ/MA
Sample : I2931-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-042817

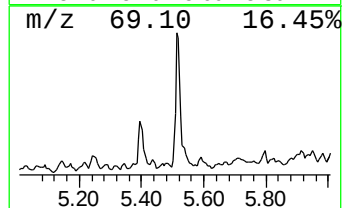
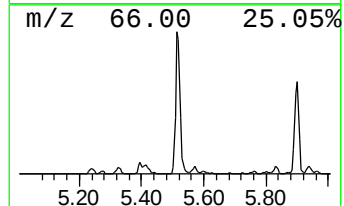
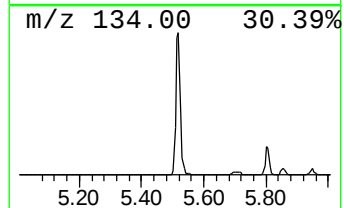
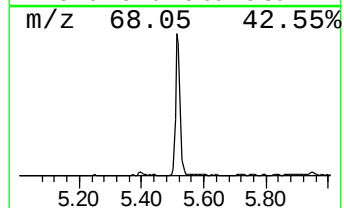
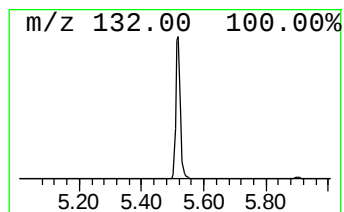
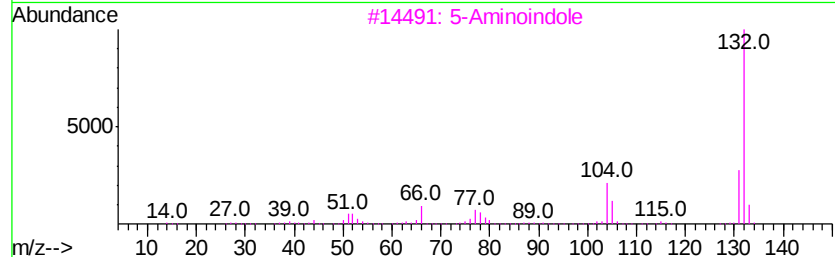
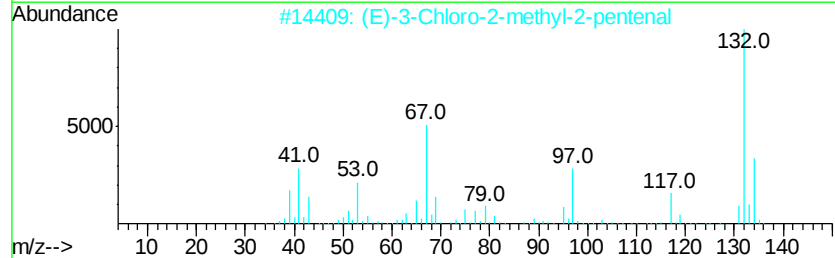
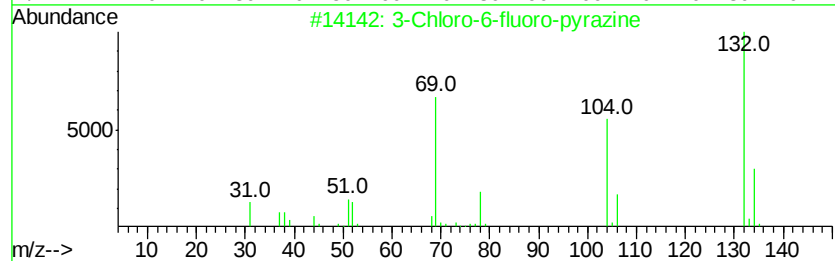
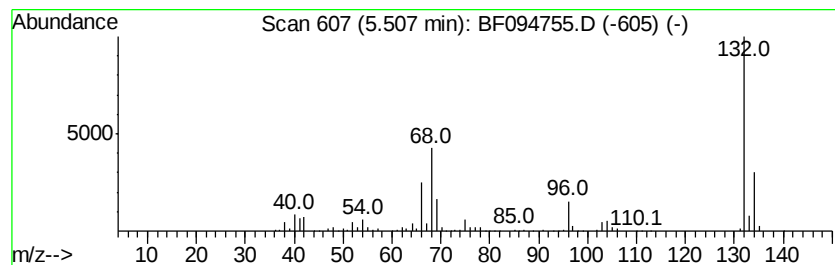
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown5.51 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	42.49 ng	1159340	1,4-Dichlorobenzene-d4	5.76

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		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050117\
Data File : BF094755.D
Acq On : 1 May 2017 18:11
Operator : SJ/MA
Sample : I2931-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-042817

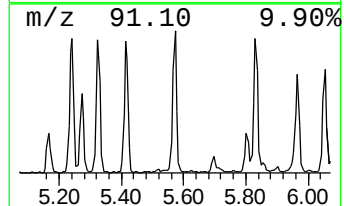
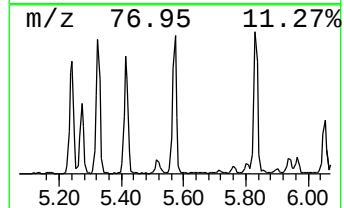
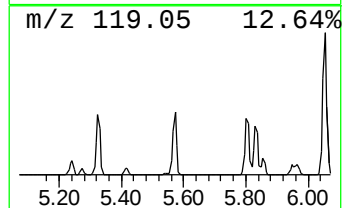
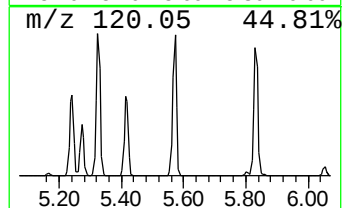
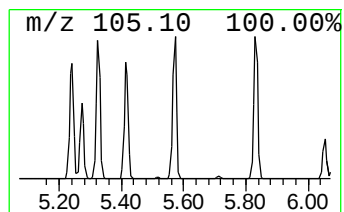
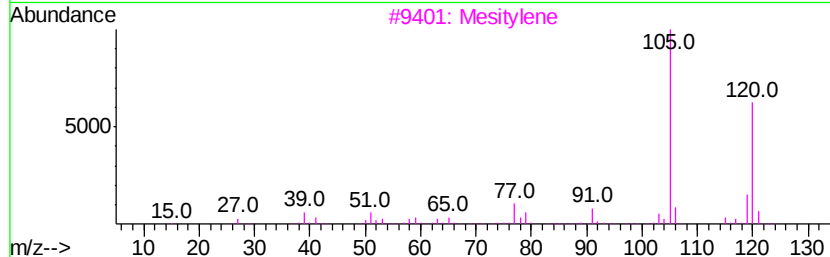
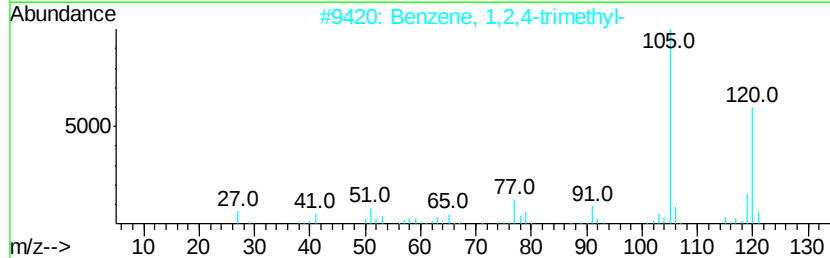
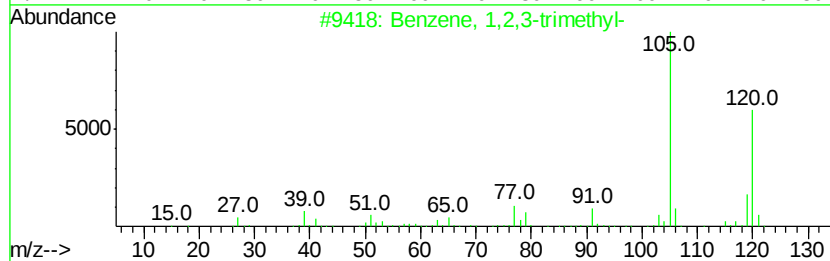
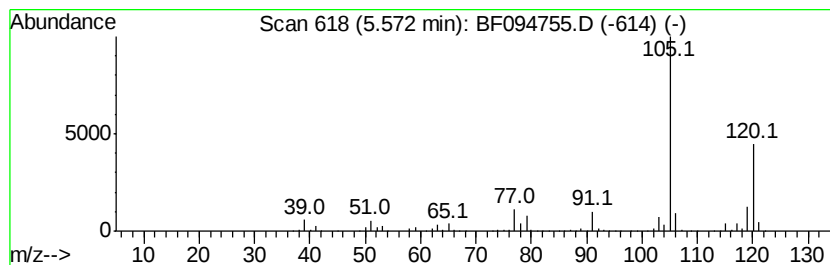
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	59.78 ng	1631020	1,4-Dichlorobenzene-d4	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Mesitylene	120	C9H12	000108-67-8	94
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050117\
Data File : BF094755.D
Acq On : 1 May 2017 18:11
Operator : SJ/MA
Sample : I2931-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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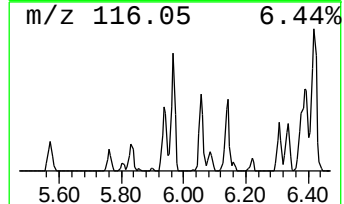
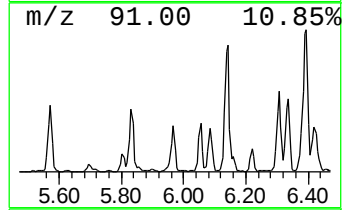
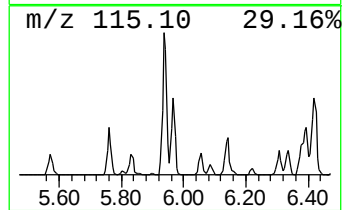
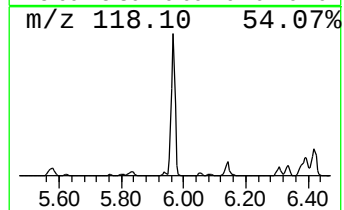
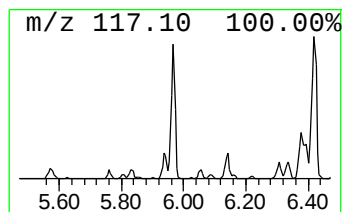
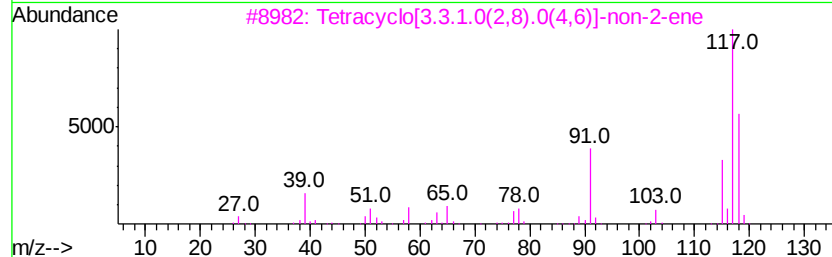
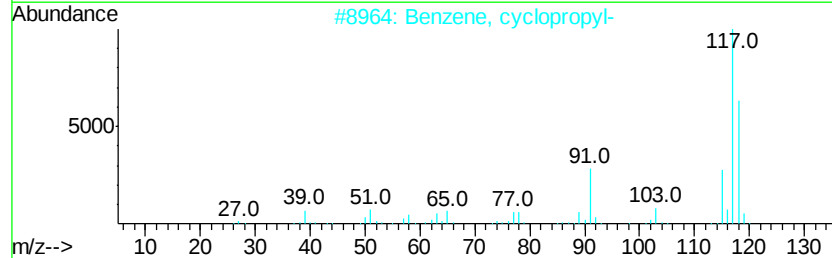
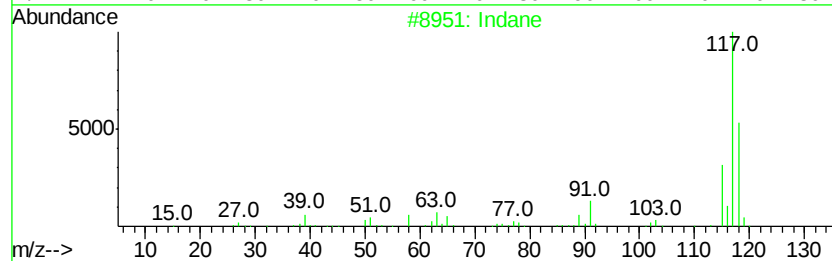
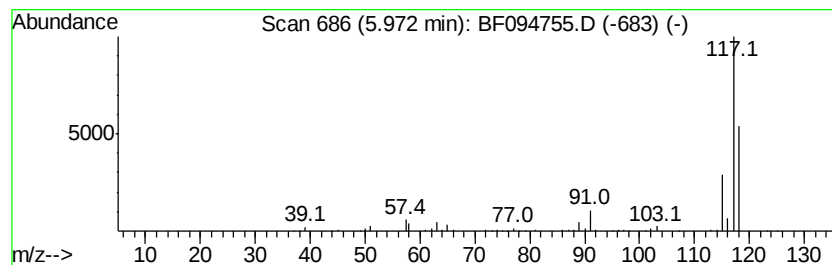
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	27.19 ng	741869	1,4-Dichlorobenzene-d4	5.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	91
2	Benzene, cyclopropyl-		118	C9H10	000873-49-4	74
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	72
4	Benzene, 2-propenyl-		118	C9H10	000300-57-2	64
5	Benzene, 1-ethenyl-4-methyl-		118	C9H10	000622-97-9	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094755.D
Acq On : 1 May 2017 18:11
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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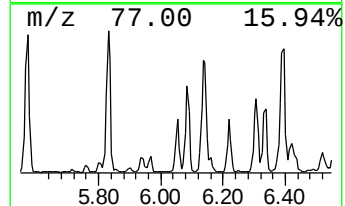
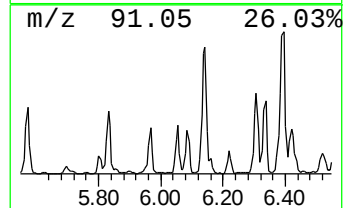
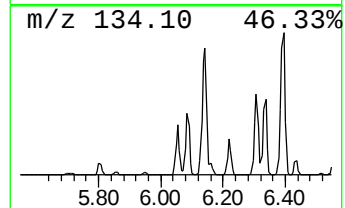
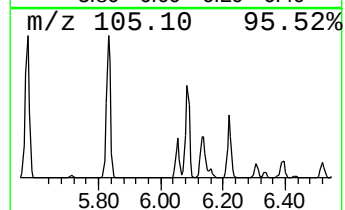
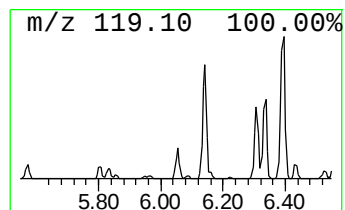
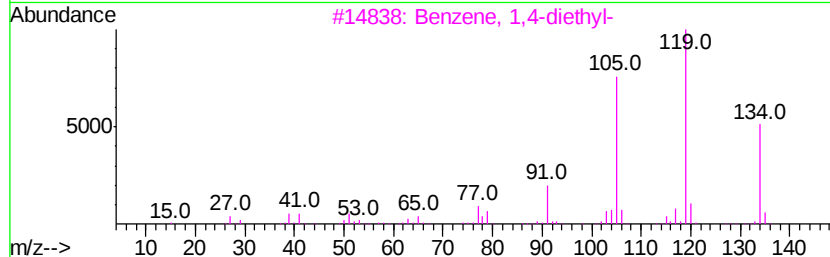
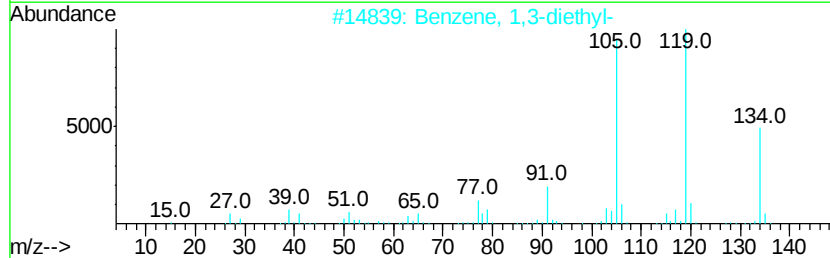
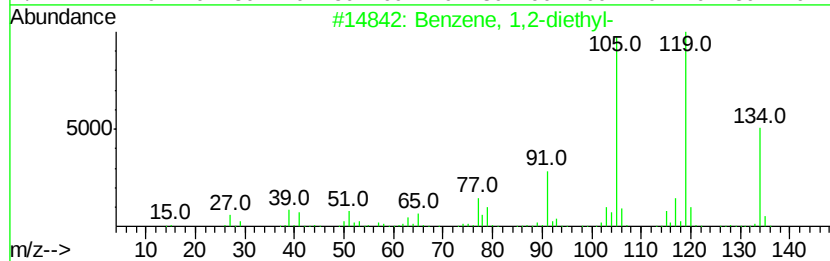
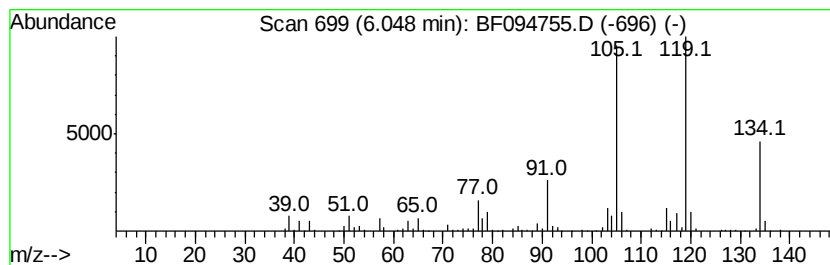
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,2-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	28.86 ng	787438	1,4-Dichlorobenzene-d4	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050117\
Data File : BF094755.D
Acq On : 1 May 2017 18:11
Operator : SJ/MA
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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
WATER-042817

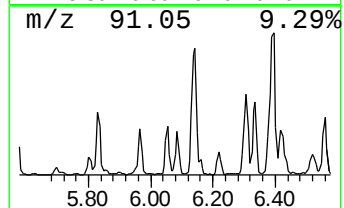
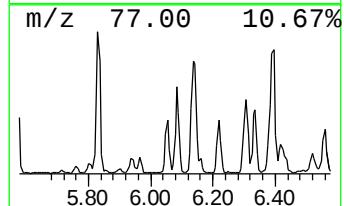
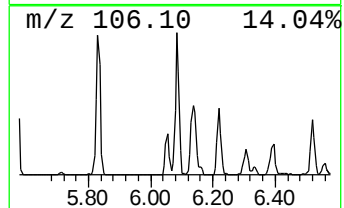
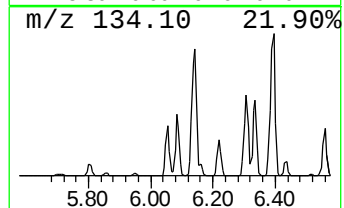
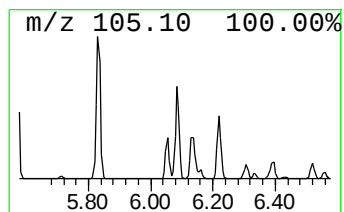
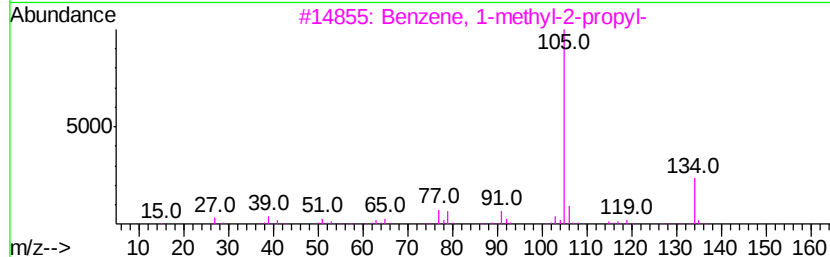
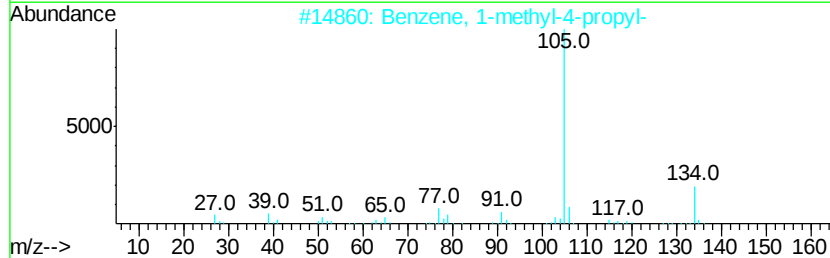
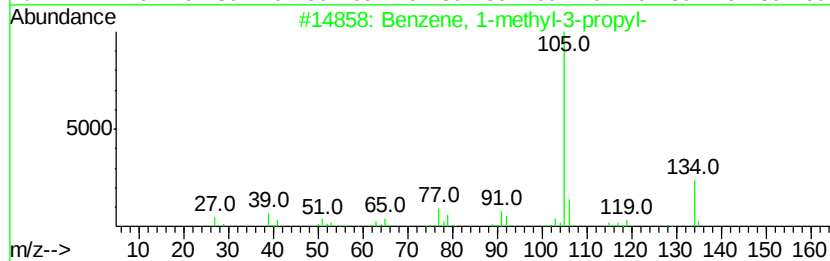
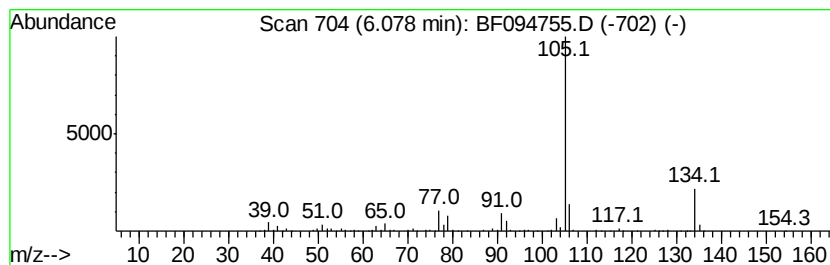
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1-methyl-3-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	43.33 ng	1182140	1,4-Dichlorobenzene-d4	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094755.D
Acq On : 1 May 2017 18:11
Operator : SJ/MA
Sample : I2931-01
Misc :
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ClientSampleId :
WATER-042817

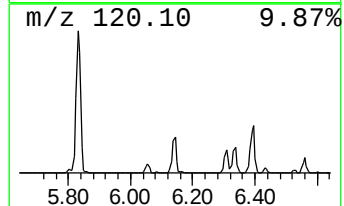
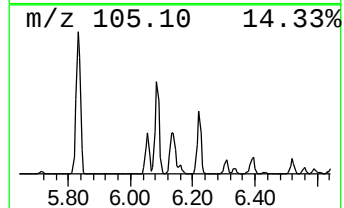
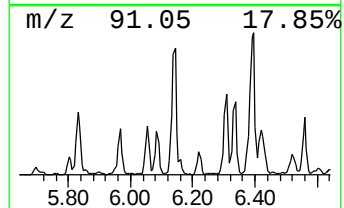
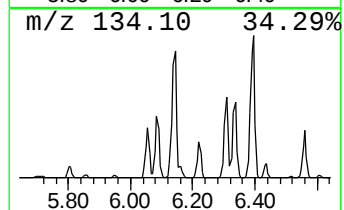
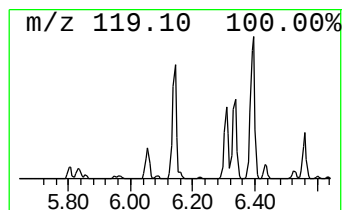
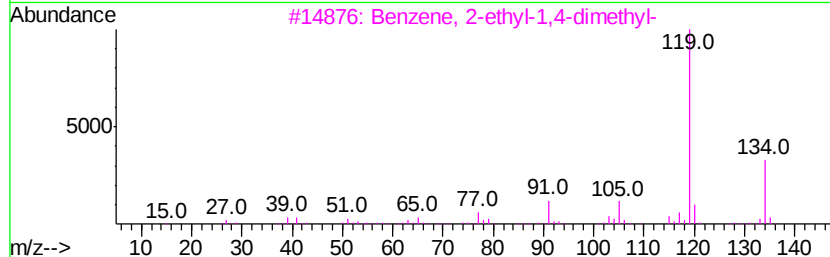
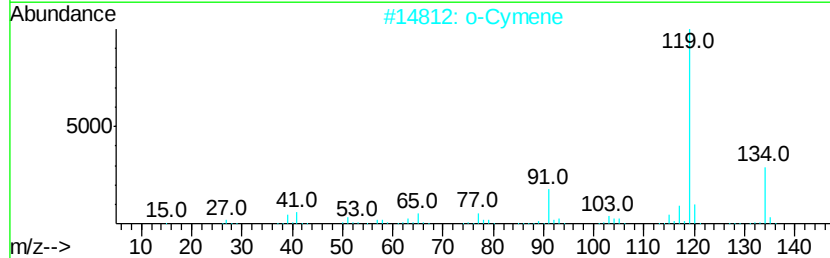
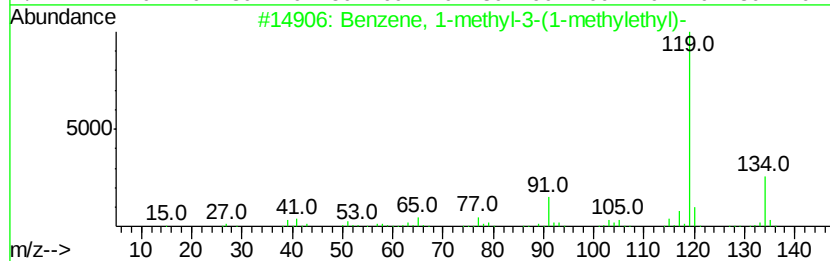
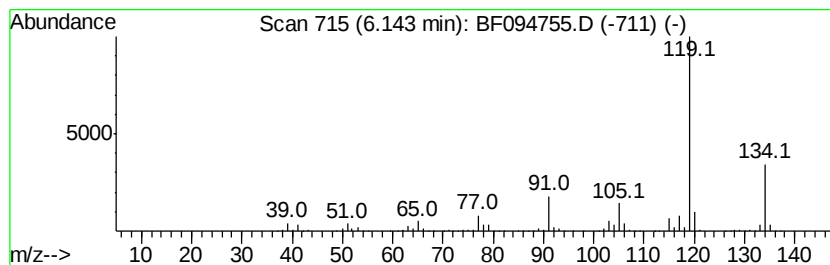
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-methyl-3-(1-meth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	75.34 ng	2055500	1,4-Dichlorobenzene-d4	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050117\
Data File : BF094755.D
Acq On : 1 May 2017 18:11
Operator : SJ/MA
Sample : I2931-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-042817

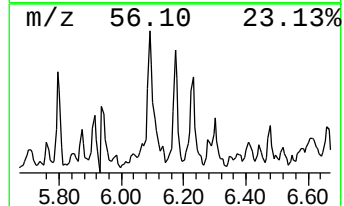
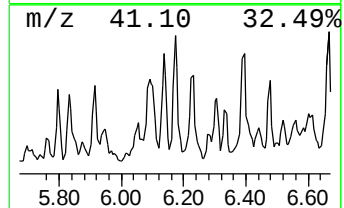
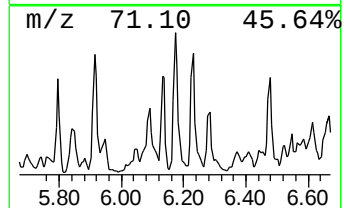
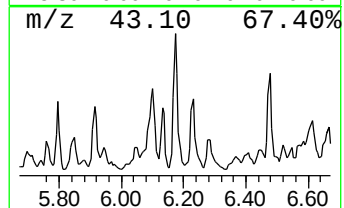
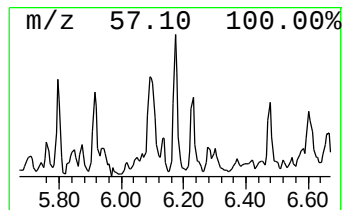
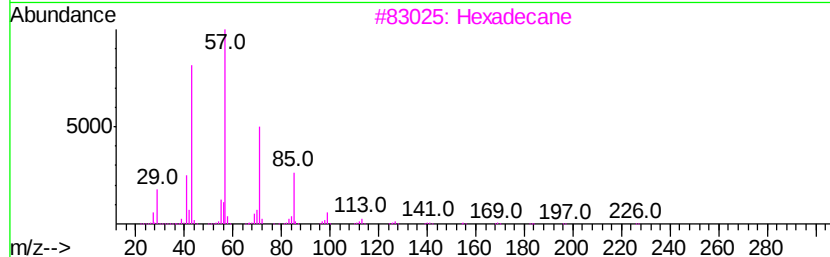
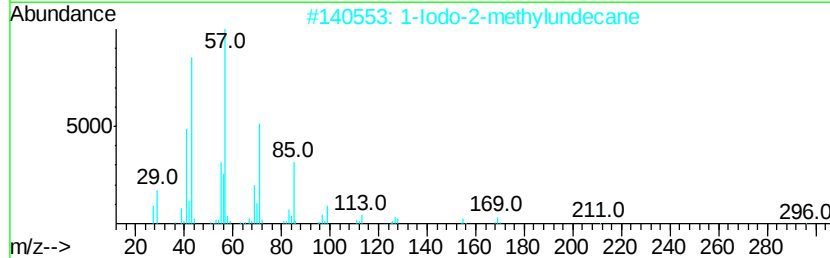
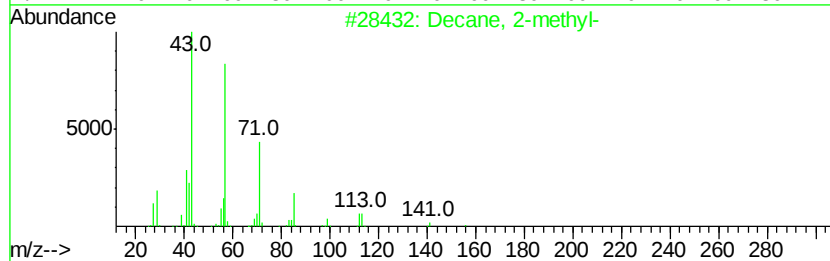
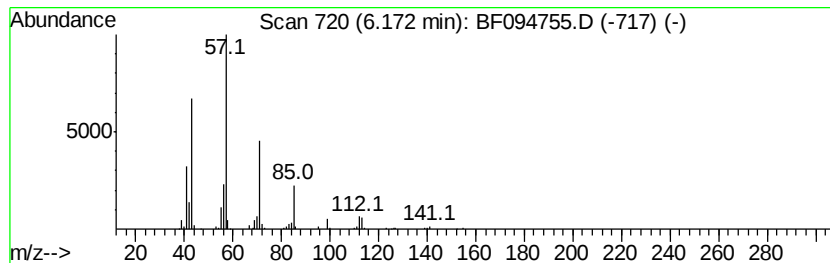
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Decane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	17.69 ng	482534	1,4-Dichlorobenzene-d4	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	72
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
3		Hexadecane	226	C16H34	000544-76-3	64
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
5		Decane, 3-methyl-	156	C11H24	013151-34-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050117\
Data File : BF094755.D
Acq On : 1 May 2017 18:11
Operator : SJ/MA
Sample : I2931-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-042817

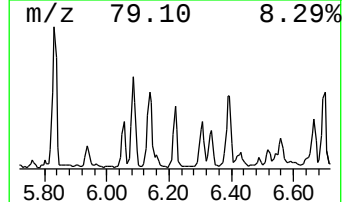
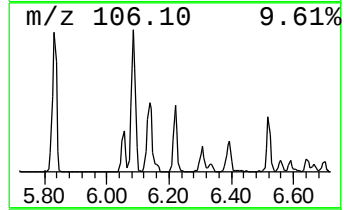
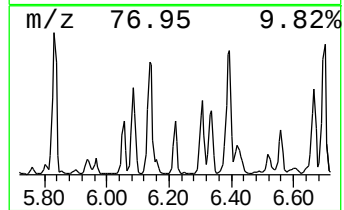
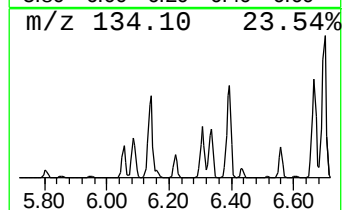
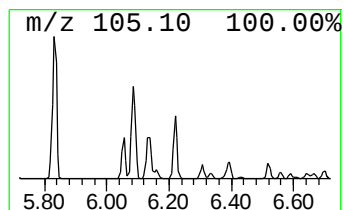
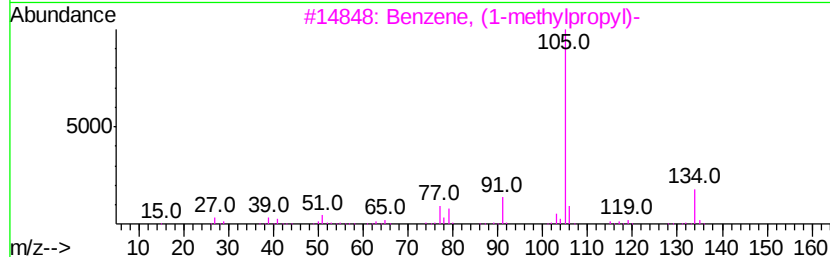
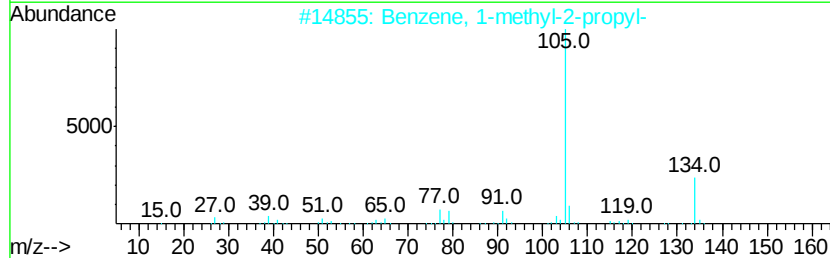
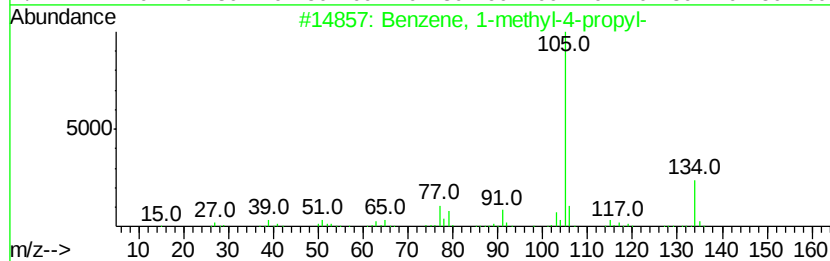
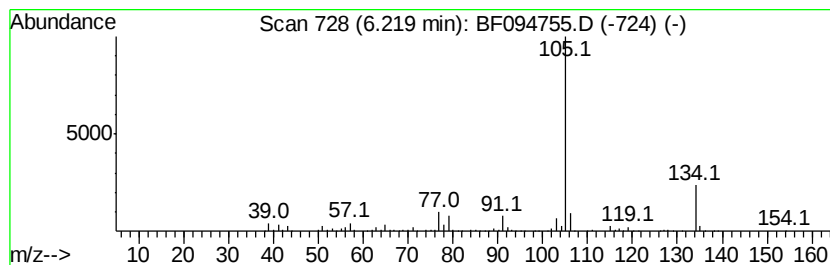
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1-methyl-4-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	32.62 ng	889909	1,4-Dichlorobenzene-d4	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90
5		2-Tolyloxirane	134	C9H10O	002783-26-8	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094755.D
Acq On : 1 May 2017 18:11
Operator : SJ/MA
Sample : I2931-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-042817

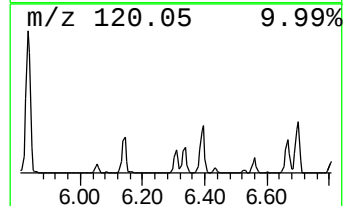
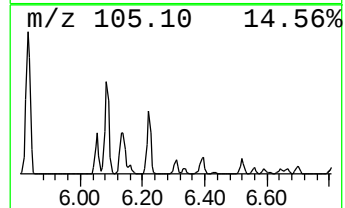
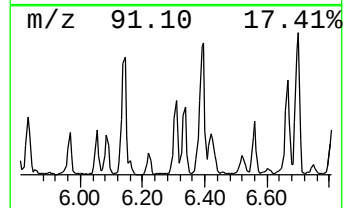
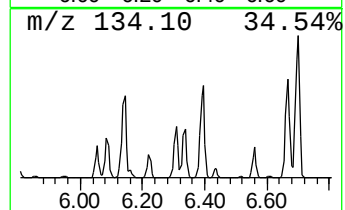
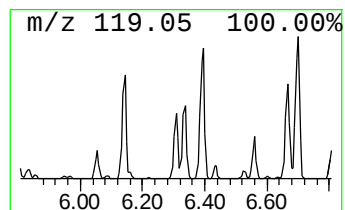
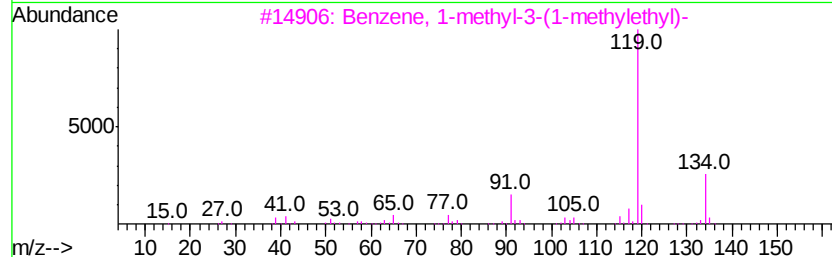
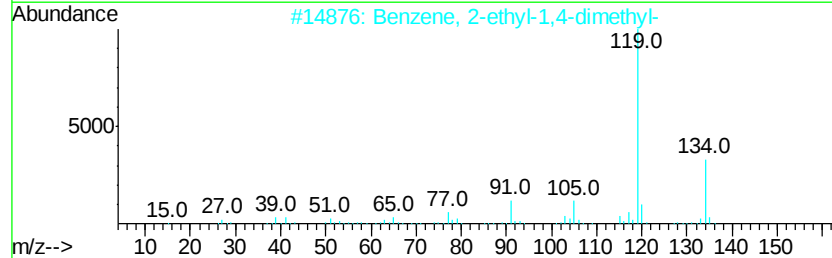
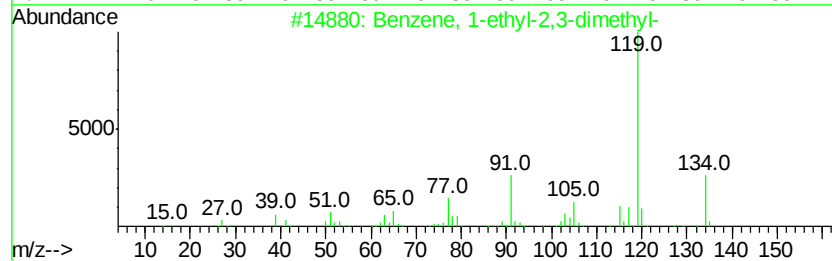
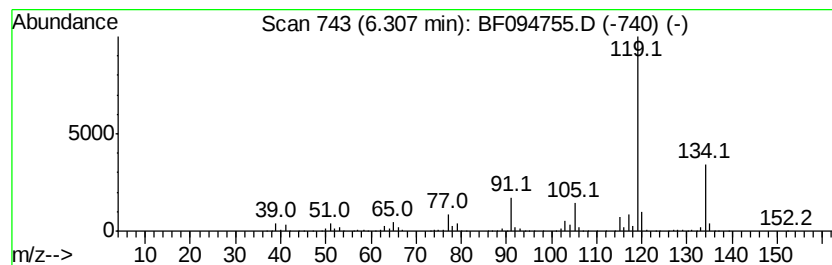
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	39.06 ng	1065690	1,4-Dichlorobenzene-d4	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094755.D
Acq On : 1 May 2017 18:11
Operator : SJ/MA
Sample : I2931-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-042817

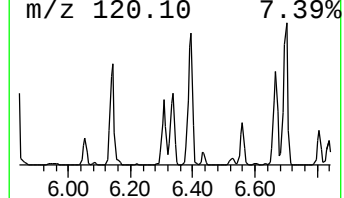
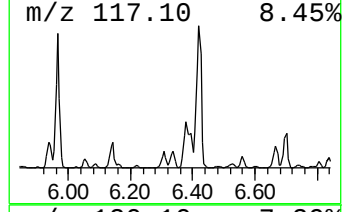
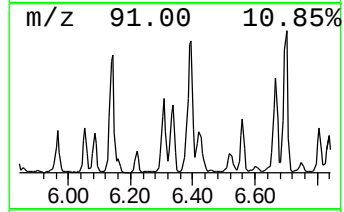
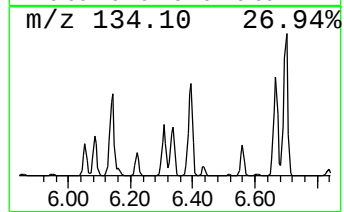
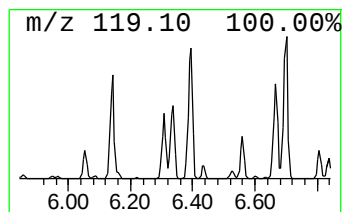
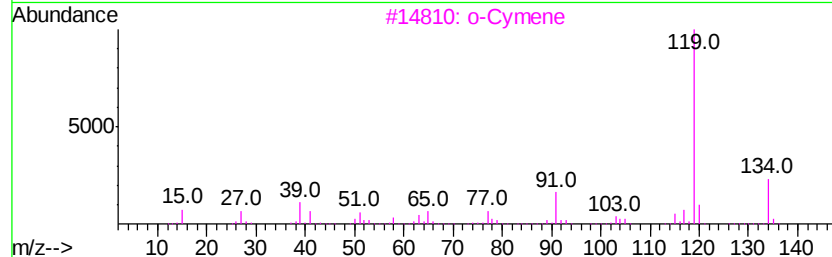
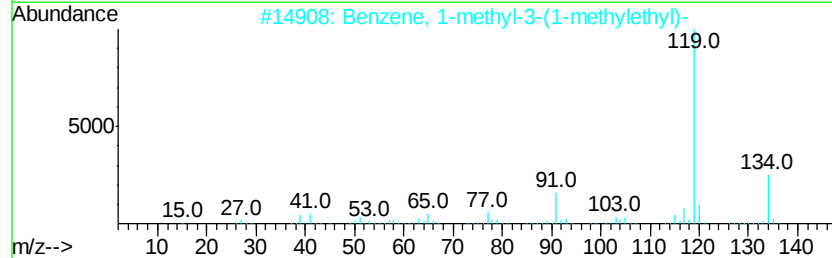
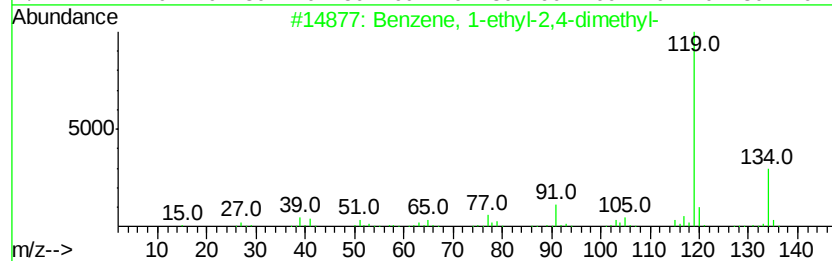
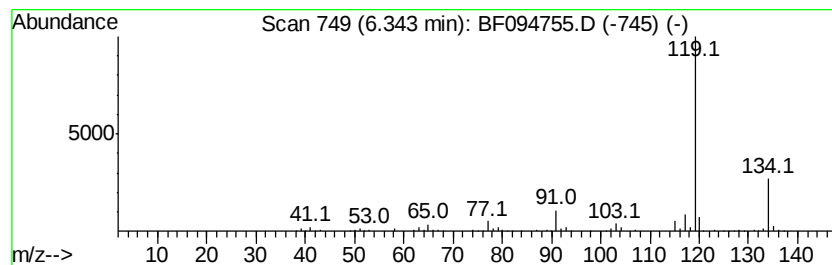
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	37.63 ng	1026610	1,4-Dichlorobenzene-d4	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	94
3		o-Cymene	134	C10H14	000527-84-4	94
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094755.D
Acq On : 1 May 2017 18:11
Operator : SJ/MA
Sample : I2931-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-042817

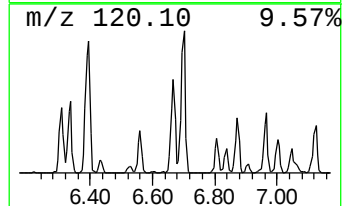
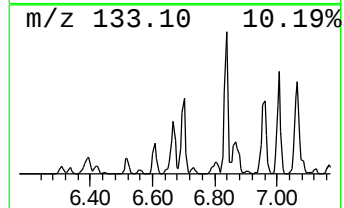
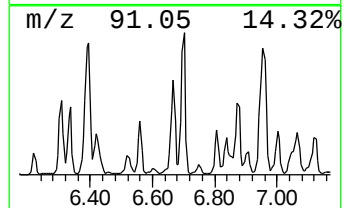
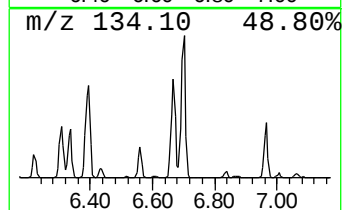
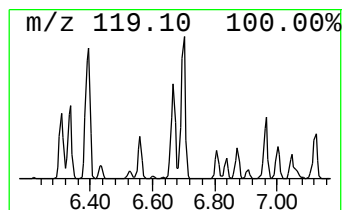
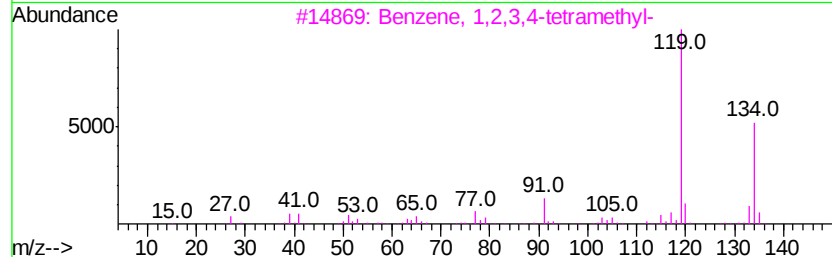
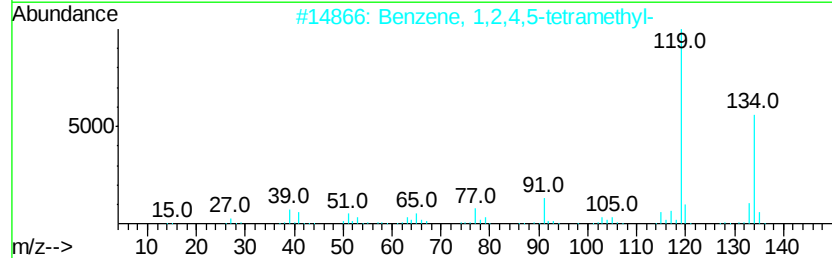
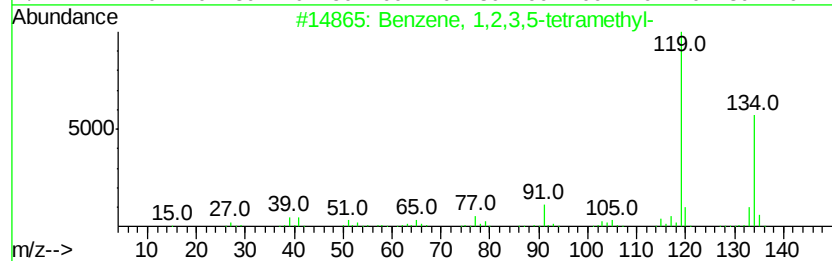
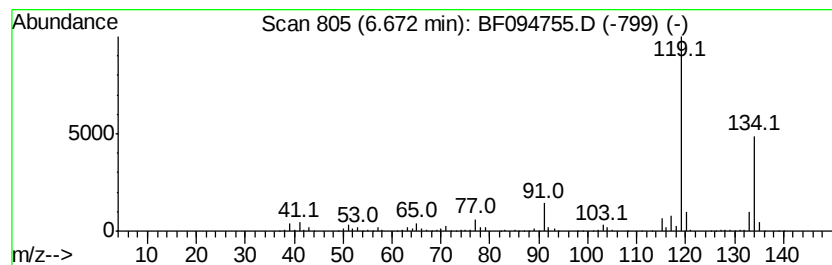
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	19.40 ng	1649400	Napthalene-d8	7.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094755.D
Acq On : 1 May 2017 18:11
Operator : SJ/MA
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-042817

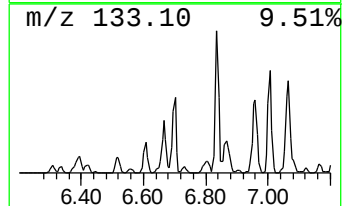
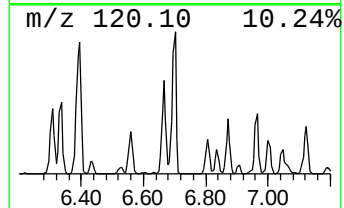
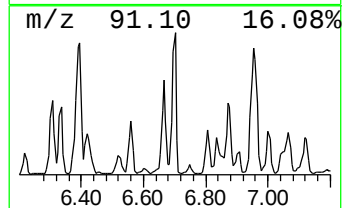
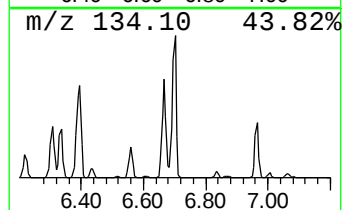
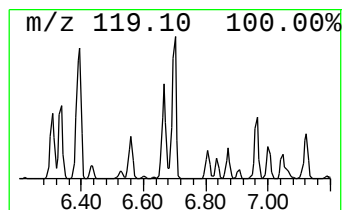
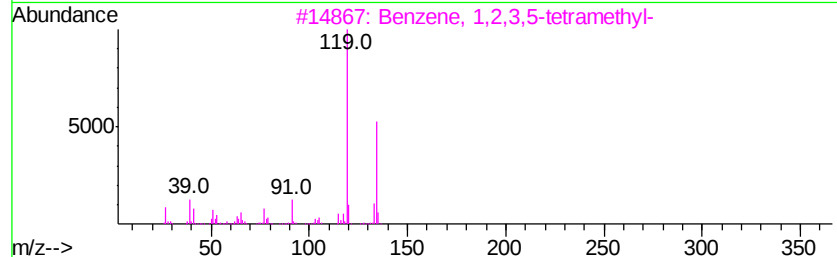
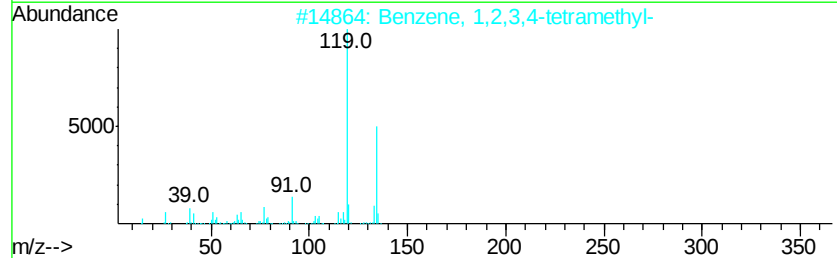
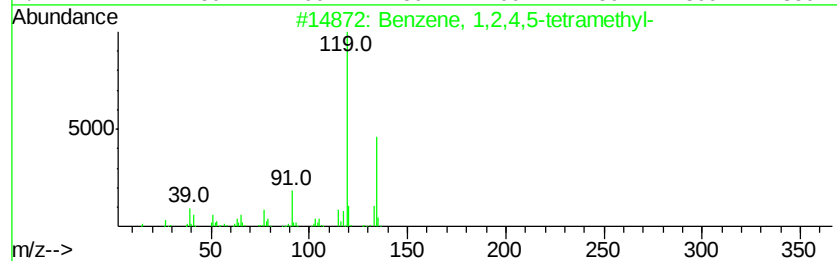
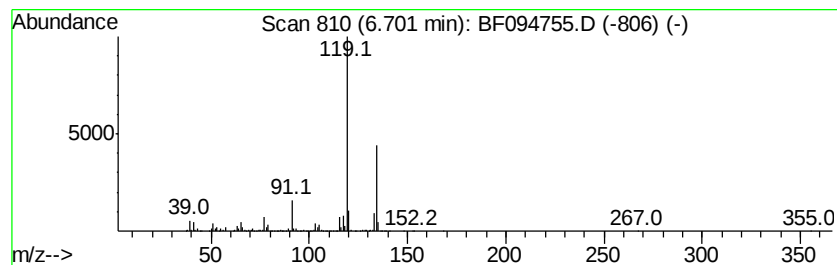
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	28.88 ng	2455450	Naphthalene-d8	7.25

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, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050117\
Data File : BF094755.D
Acq On : 1 May 2017 18:11
Operator : SJ/MA
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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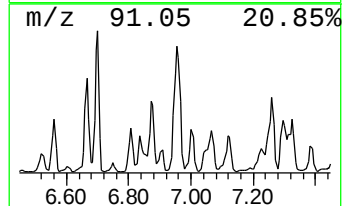
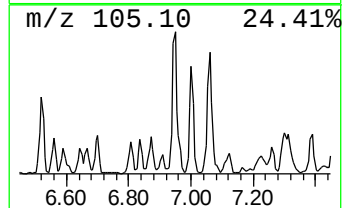
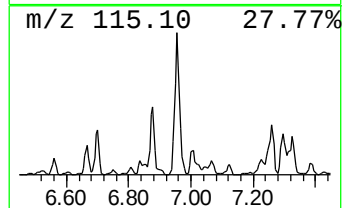
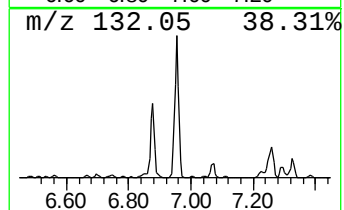
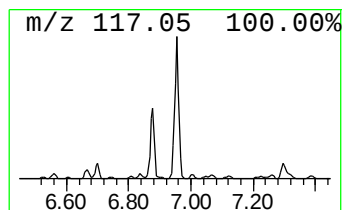
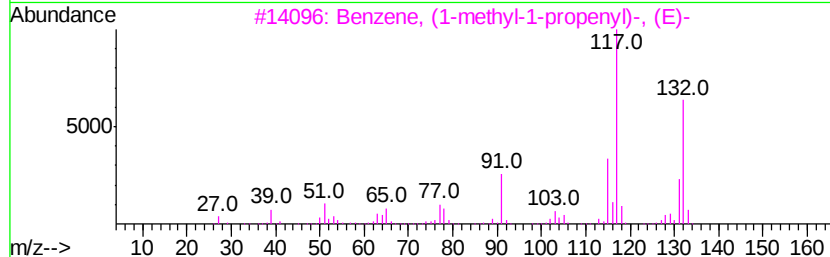
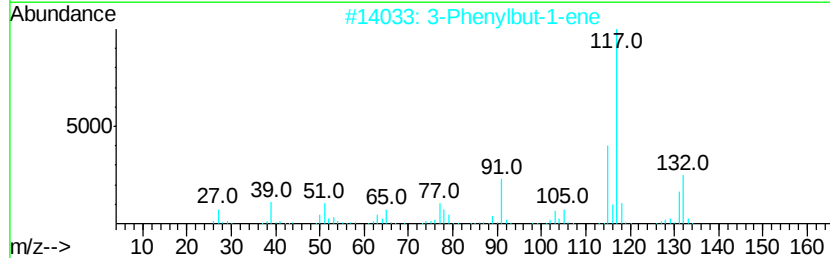
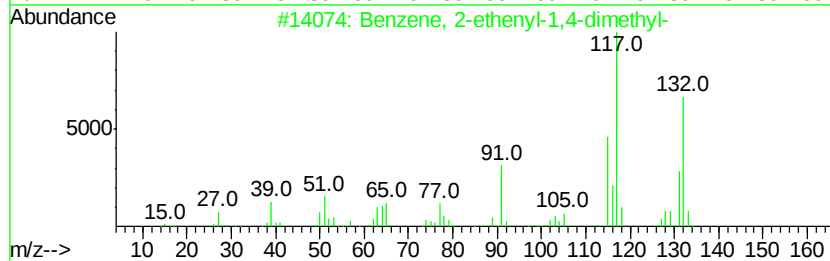
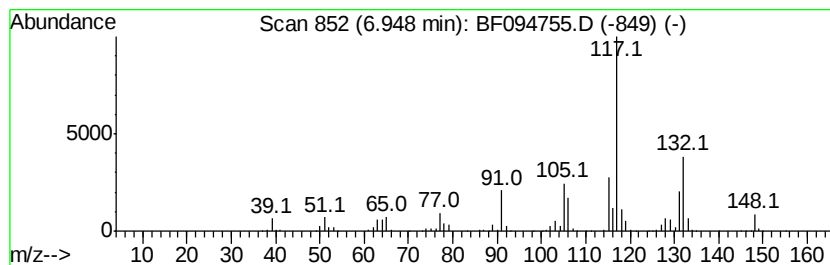
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	43.02 ng	3657420	Napthalene-d8	7.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050117\
Data File : BF094755.D
Acq On : 1 May 2017 18:11
Operator : SJ/MA
Sample : I2931-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-042817

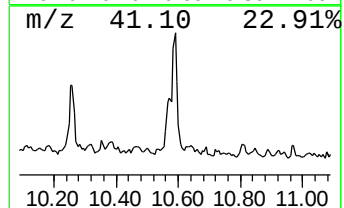
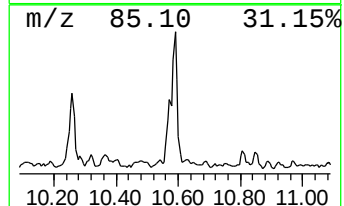
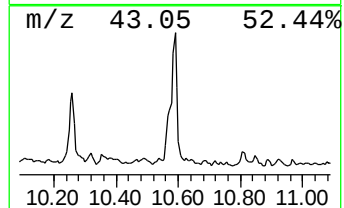
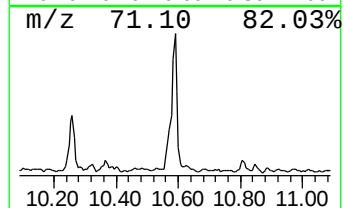
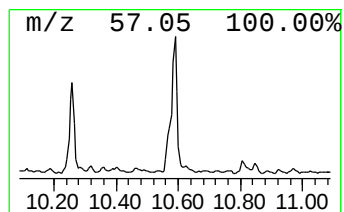
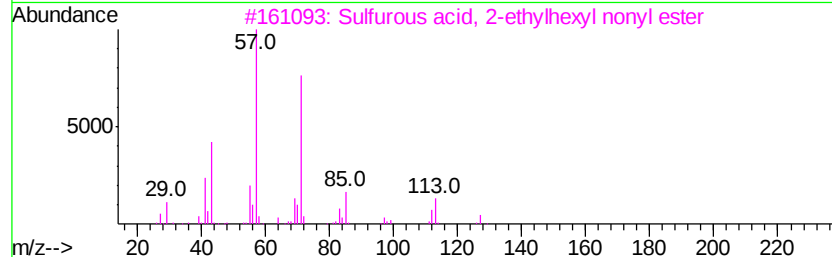
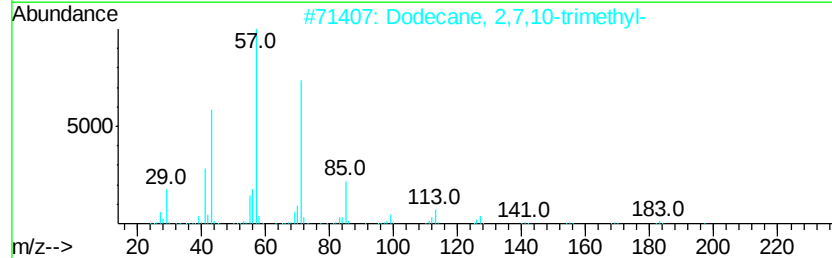
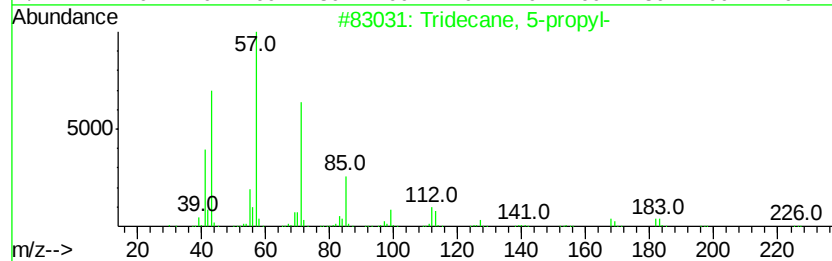
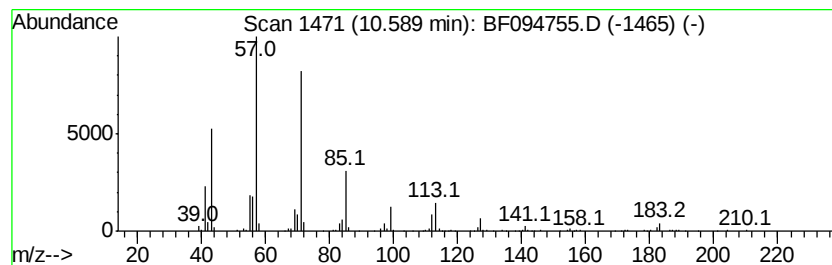
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tridecane, 5-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	18.46 ng	548816	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Sulfurous acid, 2-ethylhexyl nonyl...	320	C17H36O3S	1000309-19-2	80
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
5		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050117\
 Data File : BF094755.D
 Acq On : 1 May 2017 18:11
 Operator : SJ/MA
 Sample : I2931-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-042817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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, 1,3-dime...	4.53	20.0	ng	544817	1	5.76	545697	20.0
Benzene, 1-ethyl-...	5.24	52.1	ng	1422240	1	5.76	545697	20.0
Benzene, 1-ethyl-...	5.27	26.9	ng	733502	1	5.76	545697	20.0
Mesitylene	5.32	64.8	ng	1769110	1	5.76	545697	20.0
unknown5.51	5.51	42.5	ng	1159340	1	5.76	545697	20.0
Benzene, 1,2,3-tr...	5.57	59.8	ng	1631020	1	5.76	545697	20.0
Indane	5.97	27.2	ng	741869	1	5.76	545697	20.0
Benzene, 1,2-diet...	6.05	28.9	ng	787438	1	5.76	545697	20.0
Benzene, 1-methyl...	6.08	43.3	ng	1182140	1	5.76	545697	20.0
Benzene, 1-methyl...	6.14	75.3	ng	2055500	1	5.76	545697	20.0
Decane, 2-methyl-	6.17	17.7	ng	482534	1	5.76	545697	20.0
Benzene, 1-methyl...	6.22	32.6	ng	889909	1	5.76	545697	20.0
Benzene, 1-ethyl-...	6.31	39.1	ng	1065690	1	5.76	545697	20.0
Benzene, 1-ethyl-...	6.34	37.6	ng	1026610	1	5.76	545697	20.0
Benzene, 1,2,3,5-...	6.67	19.4	ng	1649400	2	7.25	1700210	20.0
Benzene, 1,2,4,5-...	6.70	28.9	ng	2455450	2	7.25	1700210	20.0
Benzene, 2-etheny...	6.95	43.0	ng	3657420	2	7.25	1700210	20.0
Tridecane, 5-propyl-	10.59	18.5	ng	548816	4	11.21	594643	20.0