

Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
 Data File : BF094551.D
 Acq On : 20 Apr 2017 18:15
 Operator : SJ/MA
 Sample : I2744-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(18-20)20170418

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	1.966	3	5	9	rVB	2216685	2508201	6.12%	0.444%
2	2.008	9	12	18	rVB2	1393973	2309689	5.64%	0.409%
3	2.072	18	23	27	rBV	525092	780608	1.91%	0.138%
4	2.125	28	32	35	rBV	494792	727256	1.78%	0.129%
5	2.166	35	39	48	rVB4	849894	1817502	4.44%	0.322%
6	2.366	48	73	78	rBV	3431416	11333523	27.67%	2.005%
7	2.431	78	84	86	rVV	1149276	1990458	4.86%	0.352%
8	2.460	86	89	93	rVV	1350790	1984469	4.84%	0.351%
9	2.508	94	97	101	rVB	943188	1233081	3.01%	0.218%
10	2.607	104	114	121	rBV4	1263378	3513624	8.58%	0.622%
11	2.725	127	134	137	rBV3	1096536	2576519	6.29%	0.456%
12	2.825	146	151	155	rBV3	637022	1461783	3.57%	0.259%
13	2.919	161	167	168	rBV2	1569549	2768368	6.76%	0.490%
14	3.043	168	188	189	rVV4	7175760	40966187	100.00%	7.247%
15	3.102	193	198	201	rVB2	6497537	12096537	29.53%	2.140%
16	3.131	201	203	205	rBV	1516065	1278353	3.12%	0.226%
17	3.190	208	213	216	rVB2	3557074	4423160	10.80%	0.782%
18	3.219	216	218	225	rVB2	1614792	1612074	3.94%	0.285%
19	3.296	225	231	233	rBV2	2099992	3444686	8.41%	0.609%
20	3.466	244	260	266	rBV3	6335895	25248618	61.63%	4.466%
21	3.543	266	273	279	rVB2	3499096	6122776	14.95%	1.083%
22	3.607	281	284	289	rVB3	1252222	1664767	4.06%	0.294%
23	3.672	290	295	297	rBV5	806567	1514493	3.70%	0.268%
24	3.713	298	302	304	rBV3	578068	931916	2.27%	0.165%
25	4.237	376	391	392	rBV	5004428	20888453	50.99%	3.695%
26	4.496	432	435	437	rVB2	1711078	1618386	3.95%	0.286%
27	4.554	437	445	446	rBV2	1621053	3140343	7.67%	0.556%
28	4.672	447	465	467	rBV	5457809	28136425	68.68%	4.977%
29	4.731	472	475	478	rBV	1810055	1888736	4.61%	0.334%
30	4.790	479	485	488	rBV3	2391621	4720397	11.52%	0.835%
31	4.825	488	491	500	rVB5	1534198	3967154	9.68%	0.702%
32	4.925	501	508	516	rBV	4650423	15065534	36.78%	2.665%
33	5.307	552	573	574	rBV	5517083	31089887	75.89%	5.500%
34	5.554	605	615	618	rVB	5153428	16368814	39.96%	2.896%

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

35	5.743	625	647	654	rBV3	6151278	39034781	95.29%	6.905%
36	5.807	654	658	659	rBV	3207325	3757128	9.17%	0.665%
37	5.907	671	675	676	rBV	3592798	4248578	10.37%	0.752%
38	6.066	688	702	705	rVB2	5801776	22275383	54.38%	3.940%
39	6.166	705	719	720	rBV3	5880410	19624728	47.90%	3.471%
40	6.325	740	746	752	rVB2	5281593	11253634	27.47%	1.991%
41	6.419	752	762	764	rBV	4896916	16267086	39.71%	2.878%
42	6.513	769	778	779	rVV	4694902	14483862	35.36%	2.562%
43	6.531	779	781	783	rVV3	4259252	4481830	10.94%	0.793%
44	6.578	783	789	790	rVV	3868297	6539999	15.96%	1.157%
45	6.601	790	793	797	rVV4	2061047	3749750	9.15%	0.663%
46	6.648	797	801	803	rVV2	2781498	2988691	7.30%	0.529%
47	6.754	812	819	820	rBV3	3374873	6905994	16.86%	1.222%
48	6.831	830	832	834	rBV	1027463	748320	1.83%	0.132%
49	6.890	835	842	844	rBV2	3069050	5993708	14.63%	1.060%
50	7.037	858	867	870	rBV5	4230467	12293940	30.01%	2.175%
51	7.131	879	883	884	rBV2	3857706	5464312	13.34%	0.967%
52	7.207	889	896	898	rVB	4257494	8569098	20.92%	1.516%
53	7.237	898	901	905	rBV5	483518	822049	2.01%	0.145%
54	7.319	905	915	916	rBV4	4455544	9182072	22.41%	1.624%
55	7.437	933	935	937	rBV	1462640	1259409	3.07%	0.223%
56	7.454	937	938	941	rVB2	3652682	2681276	6.55%	0.474%
57	7.490	941	944	946	rVB2	1231812	975363	2.38%	0.173%
58	7.519	946	949	951	rBV3	915403	826608	2.02%	0.146%
59	7.548	951	954	958	rVB3	2870733	3420724	8.35%	0.605%
60	7.584	958	960	965	rVB4	1149455	1094622	2.67%	0.194%
61	7.660	967	973	975	rBV3	2919722	5405819	13.20%	0.956%
62	7.684	975	977	980	rVB3	1915676	2186326	5.34%	0.387%
63	7.719	980	983	987	rVB3	1998674	2907043	7.10%	0.514%
64	7.766	987	991	992	rBV3	3055038	3452850	8.43%	0.611%
65	7.795	992	996	1000	rVB2	2690873	4078321	9.96%	0.721%
66	7.866	1003	1008	1009	rBV3	3670682	5026354	12.27%	0.889%
67	7.884	1009	1011	1014	rVB2	2290278	2037795	4.97%	0.360%
68	7.925	1014	1018	1021	rBV2	1451324	2080234	5.08%	0.368%
69	8.001	1029	1031	1033	rBV	807532	706091	1.72%	0.125%
70	8.025	1033	1035	1037	rVB	1890688	1477667	3.61%	0.261%
71	8.078	1039	1044	1047	rBV	4581267	6387412	15.59%	1.130%

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72	8.101	1047	1048	1052	rVB3	1344992	1298252	3.17%	0.230%
73	8.195	1055	1064	1066	rVB	5866533	14336637	35.00%	2.536%
74	8.231	1067	1070	1073	rBV3	635678	956216	2.33%	0.169%
75	8.266	1073	1076	1077	rBV	1737834	1593332	3.89%	0.282%
76	8.301	1077	1082	1085	rVB	4879747	7507808	18.33%	1.328%
77	8.331	1085	1087	1090	rVB	906199	789583	1.93%	0.140%
78	8.407	1099	1100	1104	rVB2	802652	684281	1.67%	0.121%
79	8.448	1104	1107	1110	rVB3	706363	615631	1.50%	0.109%
80	8.507	1111	1117	1119	rVB2	1708825	2289420	5.59%	0.405%
81	8.537	1119	1122	1125	rVB4	671240	680399	1.66%	0.120%
82	8.566	1125	1127	1129	rBV	951972	765117	1.87%	0.135%
83	8.601	1129	1133	1135	rVB	2565523	2611671	6.38%	0.462%
84	8.737	1153	1156	1159	rVB	2808536	2641122	6.45%	0.467%
85	8.789	1159	1165	1168	rVB4	715831	1012723	2.47%	0.179%
86	8.825	1168	1171	1178	rVB2	1064756	1473674	3.60%	0.261%
87	8.913	1178	1186	1191	rVB3	2054279	3730079	9.11%	0.660%
88	9.001	1197	1201	1204	rBV	1730273	2071959	5.06%	0.367%
89	9.031	1204	1206	1209	rVB	1191750	987524	2.41%	0.175%
90	9.089	1213	1216	1220	rBV2	723888	1102808	2.69%	0.195%
91	9.136	1223	1224	1230	rVB3	825364	1095914	2.68%	0.194%
92	9.301	1248	1252	1255	rVB	671971	667640	1.63%	0.118%
93	9.378	1259	1265	1267	rBV2	1202534	1745845	4.26%	0.309%
94	9.401	1267	1269	1272	rVB4	999337	947757	2.31%	0.168%
95	9.989	1366	1369	1372	rBV	617491	538614	1.31%	0.095%
96	10.372	1429	1434	1439	rVB	1425697	1633707	3.99%	0.289%
97	11.213	1573	1577	1580	rBV	1088349	1094167	2.67%	0.194%
98	13.195	1908	1914	1917	rBV	2443579	2953957	7.21%	0.523%
99	14.460	2124	2129	2136	rVB	855217	942701	2.30%	0.167%
100	16.083	2400	2405	2411	rBV	581425	662077	1.62%	0.117%

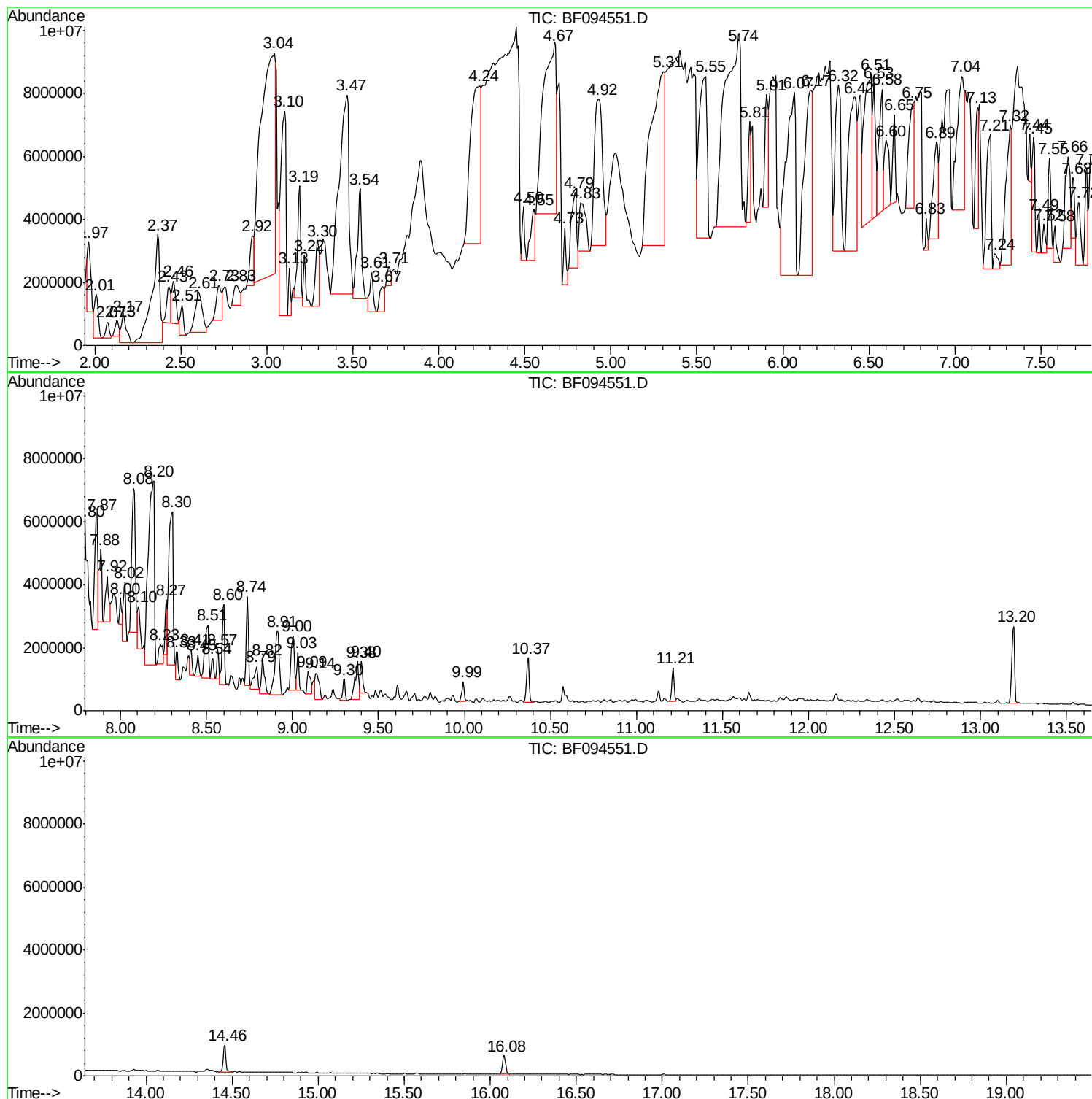
Sum of corrected areas: 565312249

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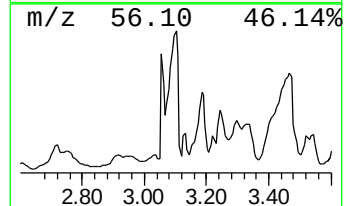
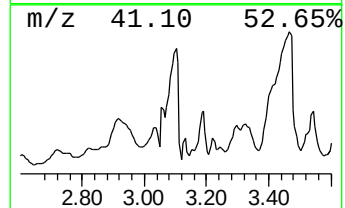
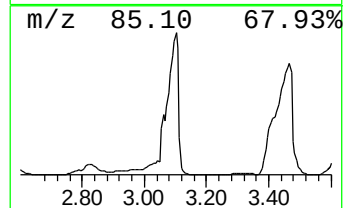
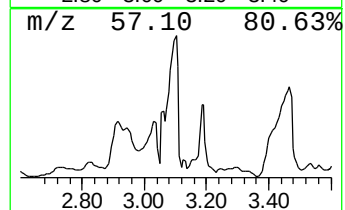
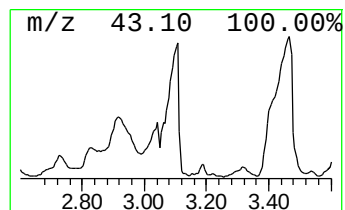
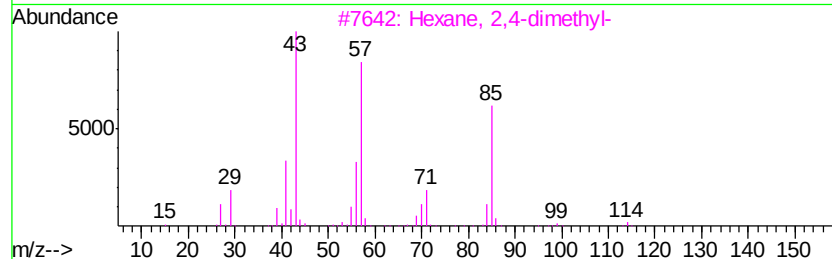
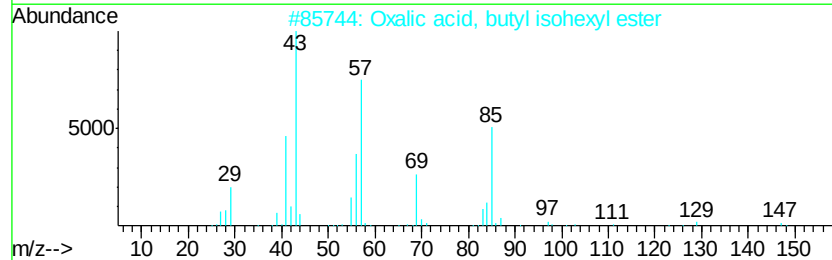
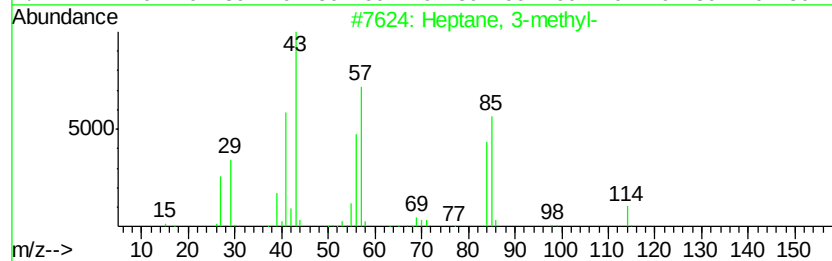
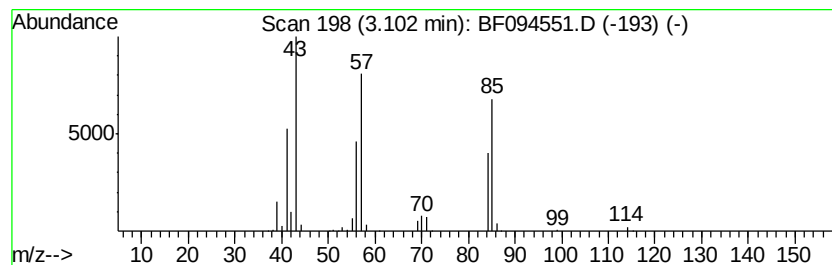
Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Heptane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.10	56.94 ng	12096500	1,4-Dichlorobenzene-d4	5.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	59



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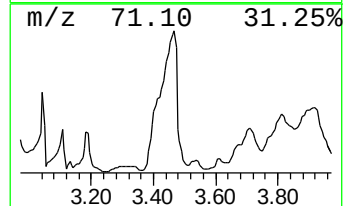
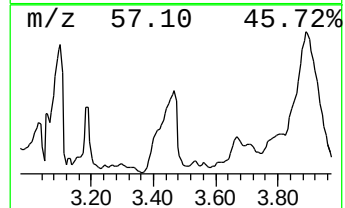
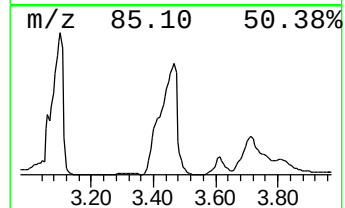
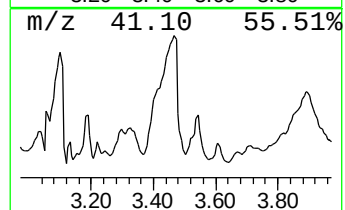
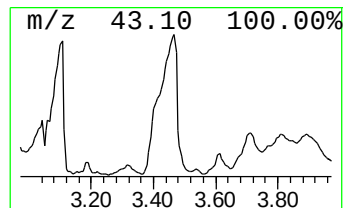
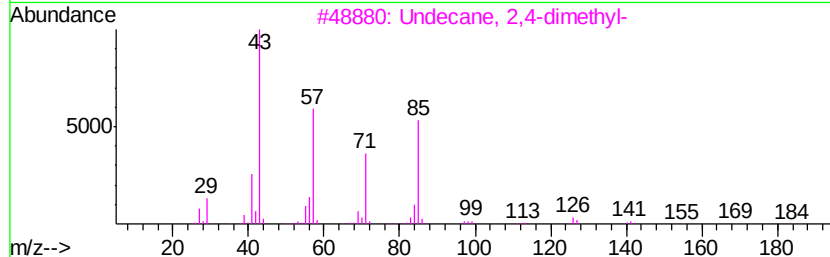
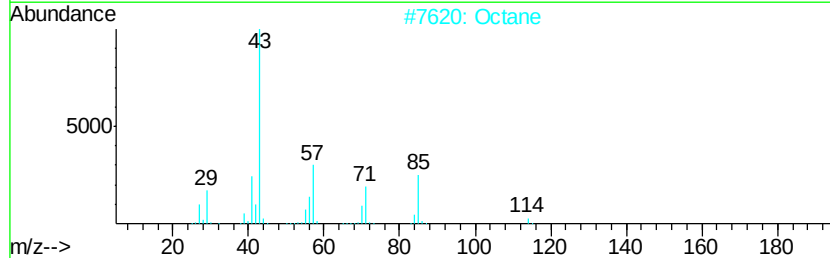
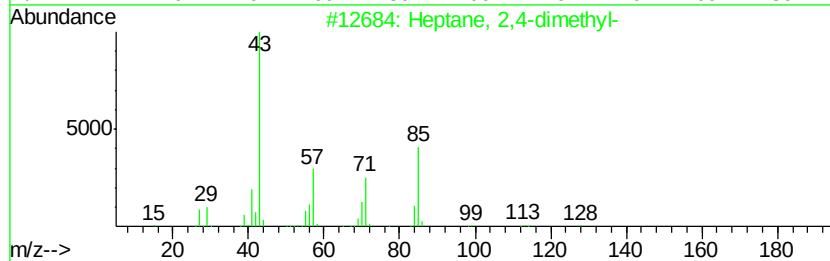
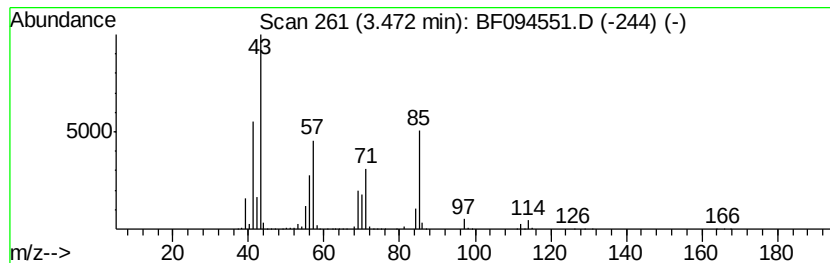
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptane, 2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.47	118.86 ng	25248600	1,4-Dichlorobenzene-d4	5.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	80
2		Octane	114	C8H18	000111-65-9	76
3		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	64
4		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	53
5		Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53



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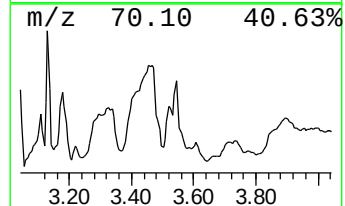
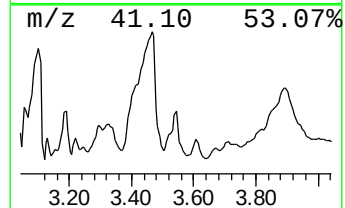
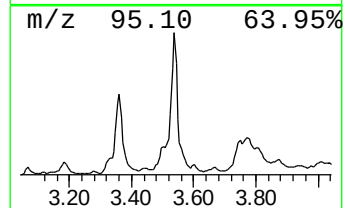
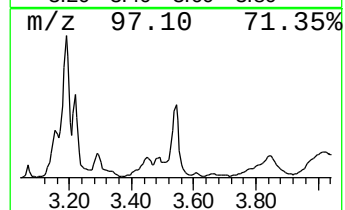
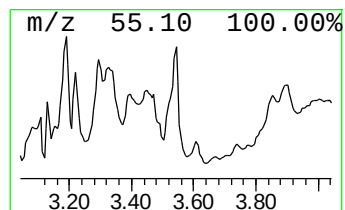
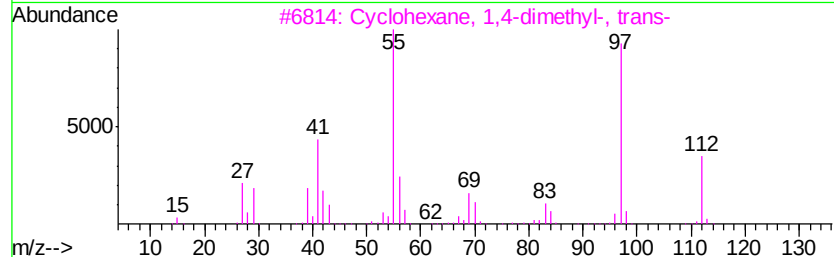
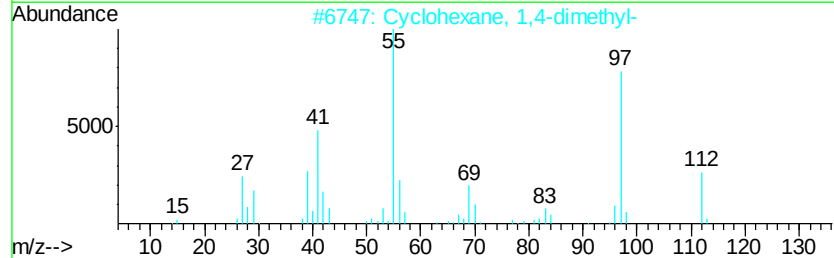
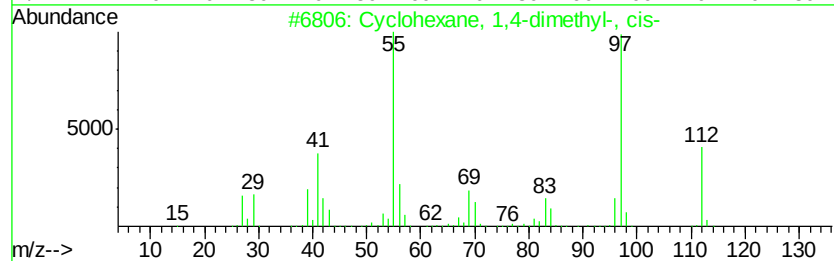
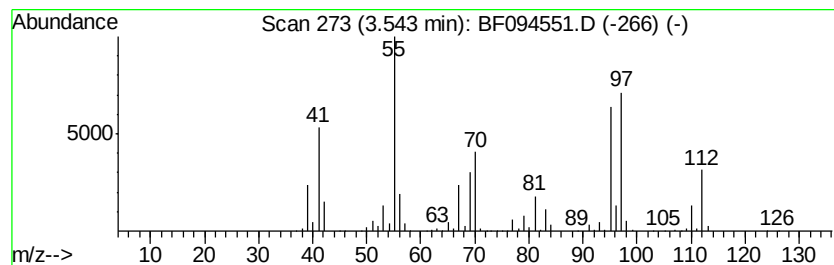
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.54	28.82 ng	6122780	1,4-Dichlorobenzene-d4	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	55
2		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	50
3		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	45
4		3-Heptene, 4-methyl-	112	C8H16	004485-16-9	41
5		Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	38



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
Data File : BF094551.D
Acq On : 20 Apr 2017 18:15
Operator : SJ/MA
Sample : I2744-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2(18-20)20170418

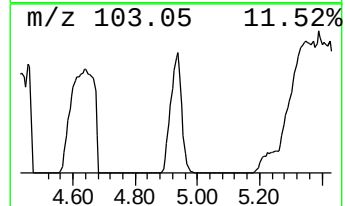
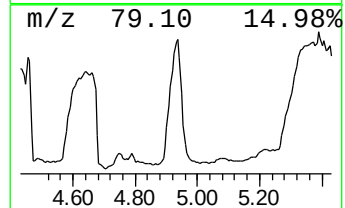
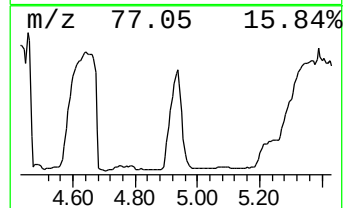
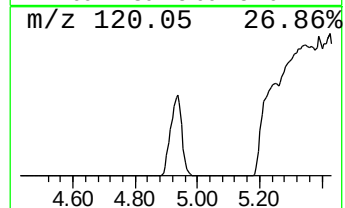
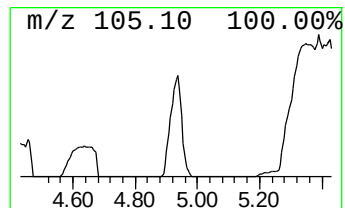
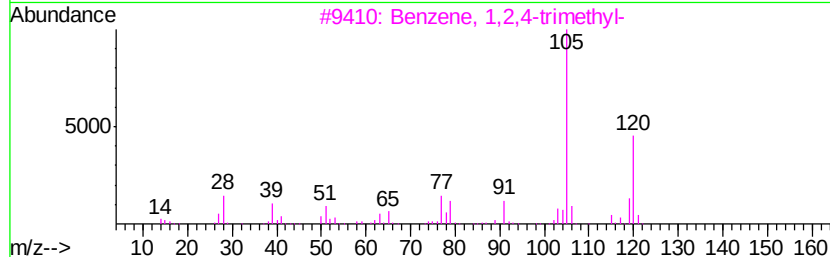
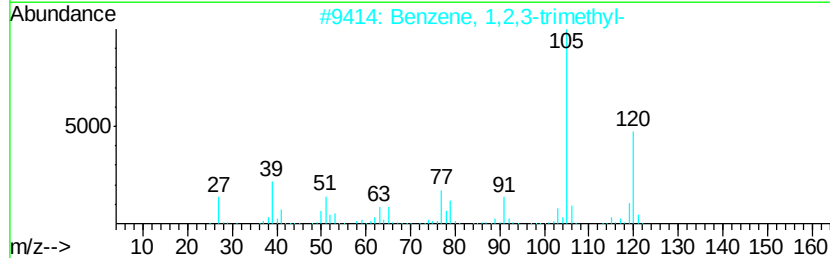
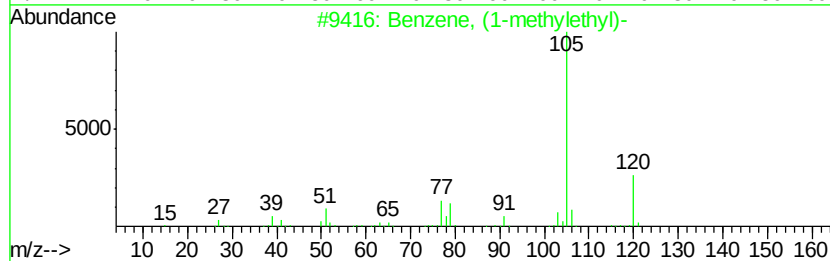
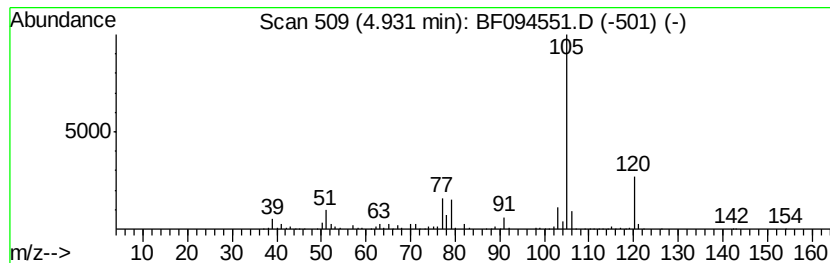
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, (1-methylethyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	70.92 ng	15065500	1,4-Dichlorobenzene-d4	5.86

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	72
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	72



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
Data File : BF094551.D
Acq On : 20 Apr 2017 18:15
Operator : SJ/MA
Sample : I2744-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

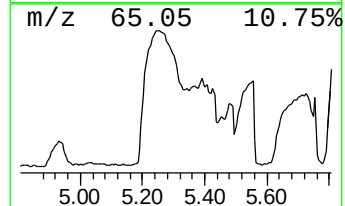
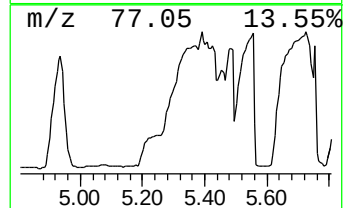
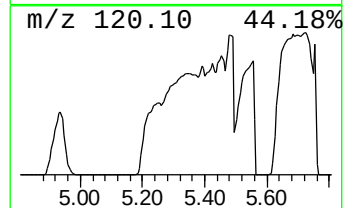
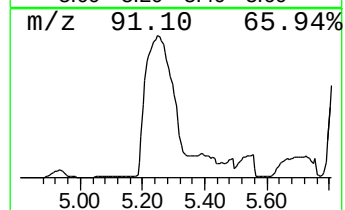
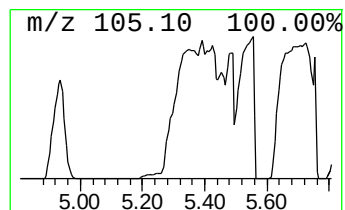
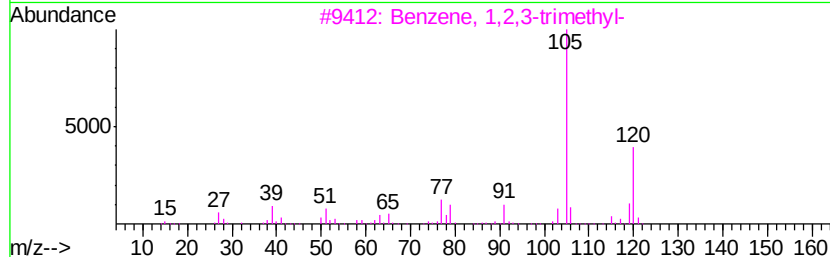
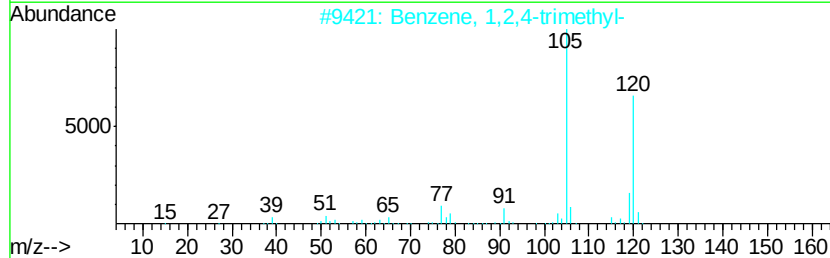
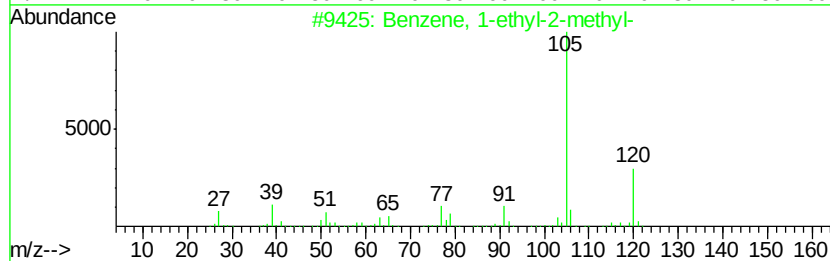
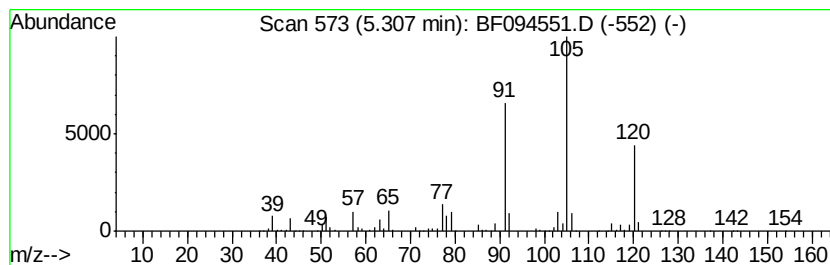
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
5.31	146.35 ng	31089900	1,4-Dichlorobenzene-d4	5.86		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90	
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86	
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81	
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80	
5	1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	80	



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
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Acq On : 20 Apr 2017 18:15
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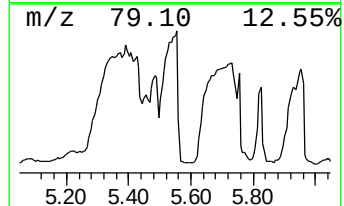
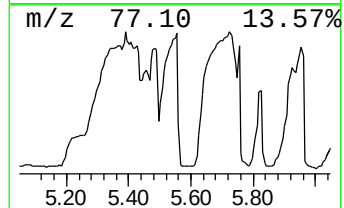
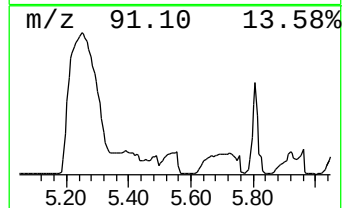
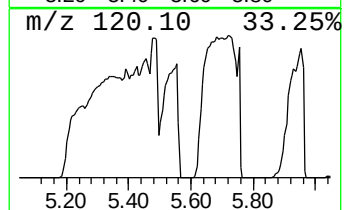
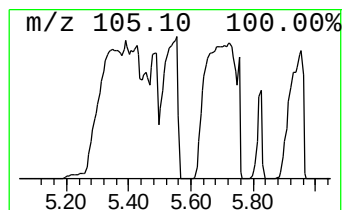
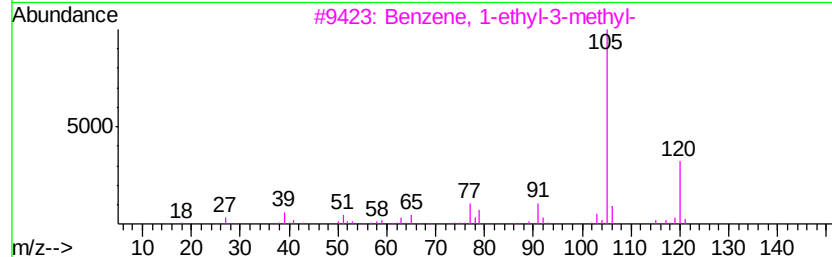
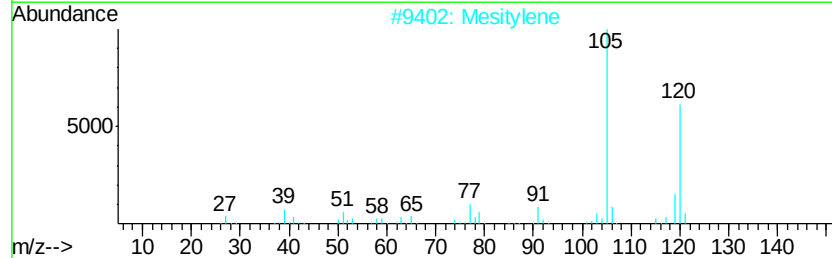
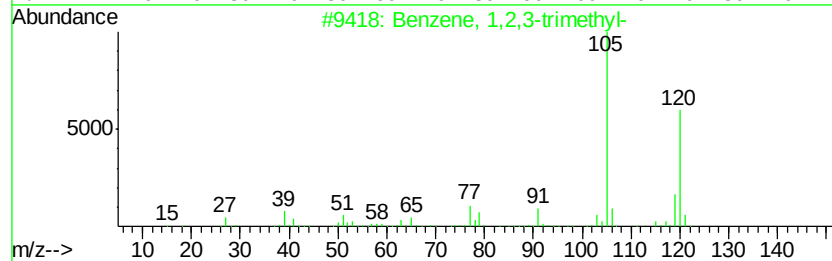
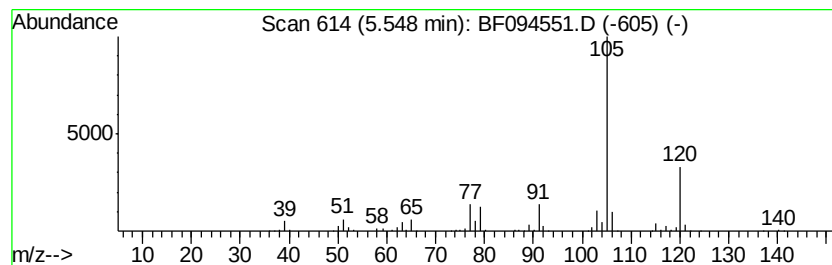
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ClientSampleId :
SB-2(18-20)20170418

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 10 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
5.55	77.06 ng	16368800	1,4-Dichlorobenzene-d4		5.86	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2		Mesitylene	120	C9H12	000108-67-8	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042017\
Data File : BF094551.D
Acq On : 20 Apr 2017 18:15
Operator : SJ/MA
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Instrument :
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ClientSampleId :
SB-2(18-20)20170418

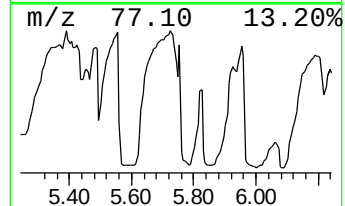
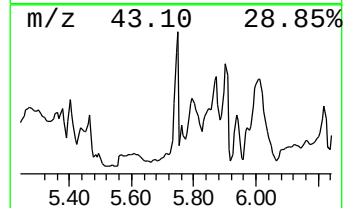
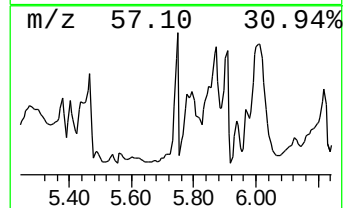
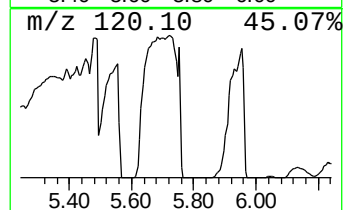
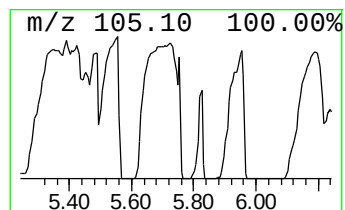
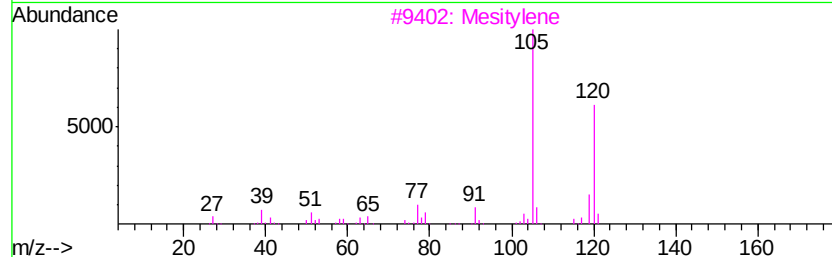
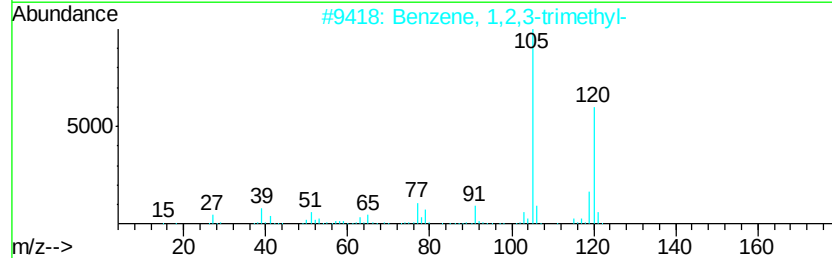
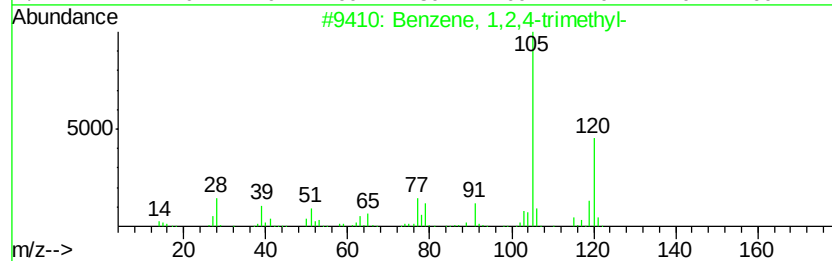
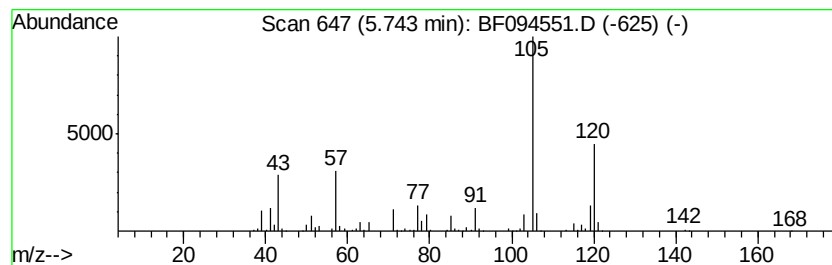
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	183.76 ng	39034800	1,4-Dichlorobenzene-d4	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	97
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3		Mesitylene	120	C9H12	000108-67-8	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
Data File : BF094551.D
Acq On : 20 Apr 2017 18:15
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SB-2(18-20)20170418

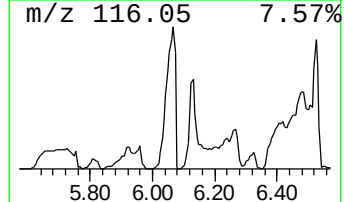
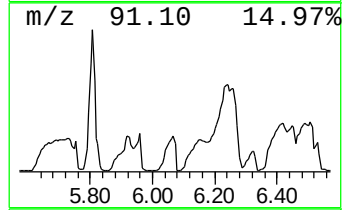
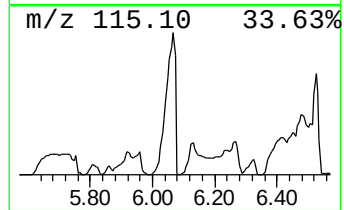
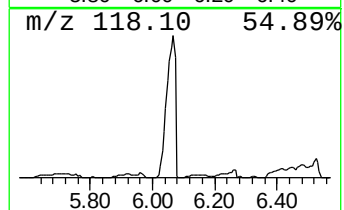
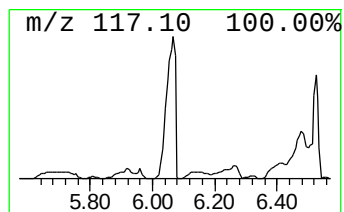
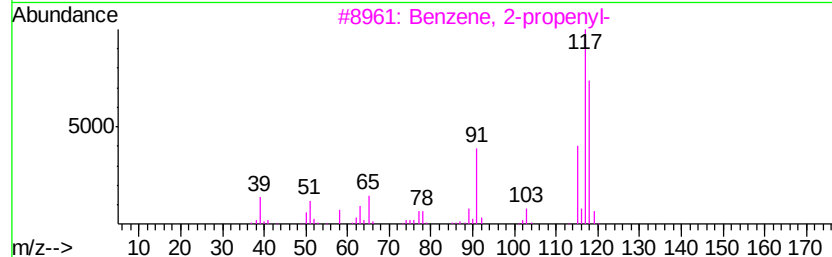
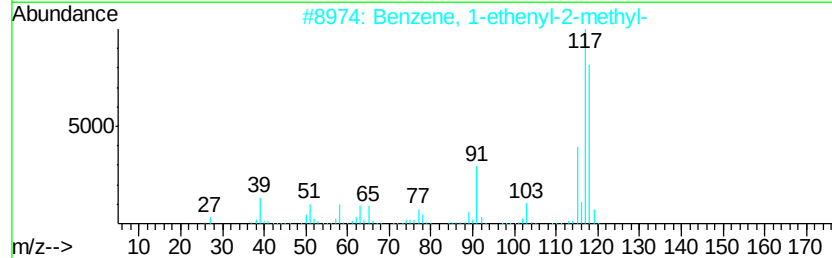
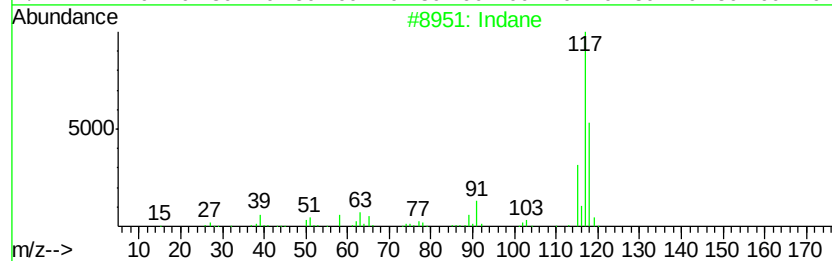
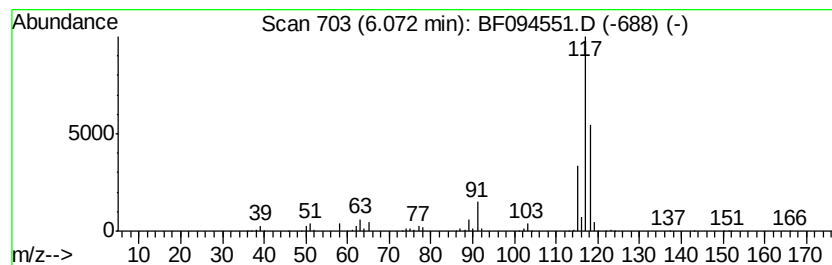
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	104.86 ng	22275400	1,4-Dichlorobenzene-d4	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	93
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
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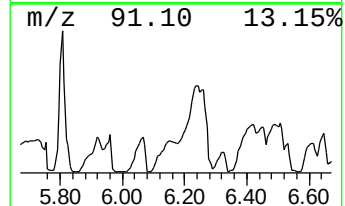
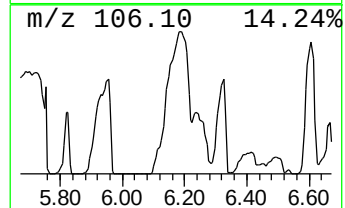
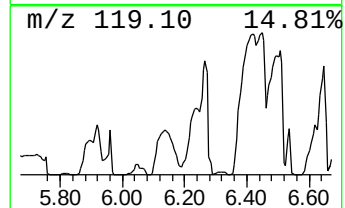
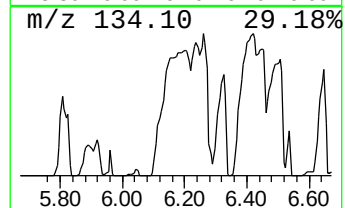
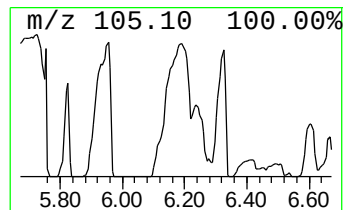
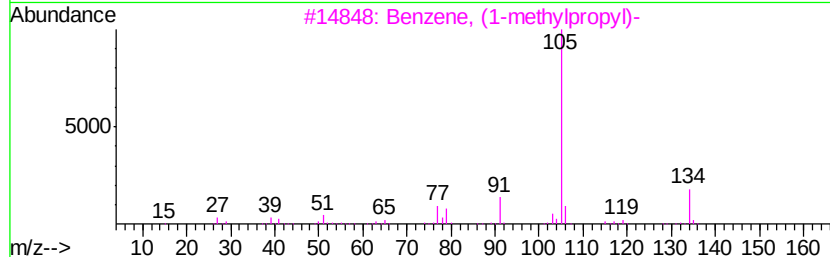
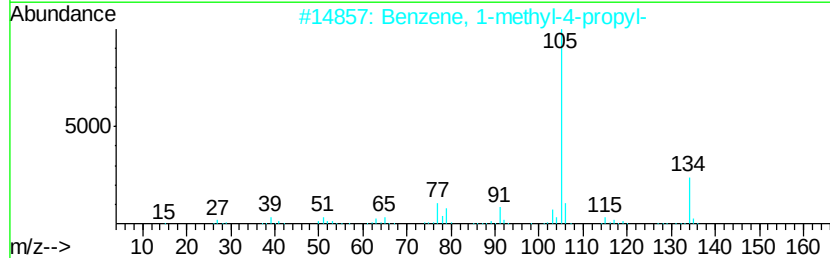
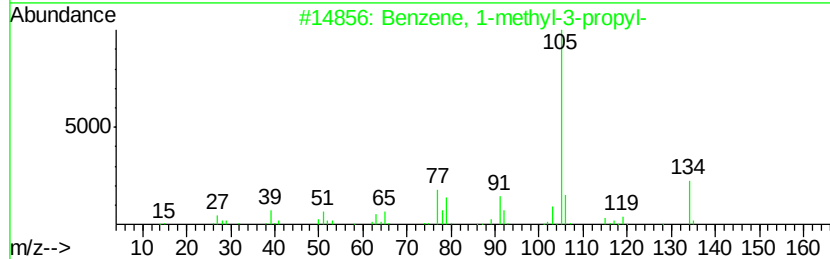
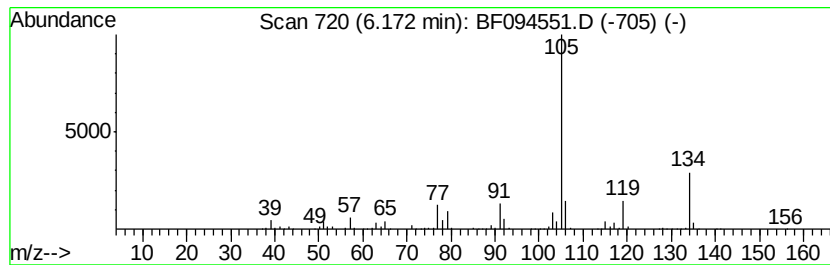
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1-methyl-3-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	92.38 ng	19624700	1,4-Dichlorobenzene-d4	5.86

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	81
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	74
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	64



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
Data File : BF094551.D
Acq On : 20 Apr 2017 18:15
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SB-2(18-20)20170418

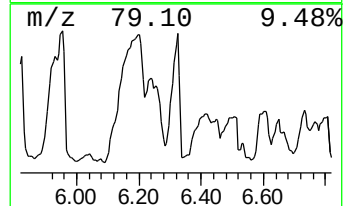
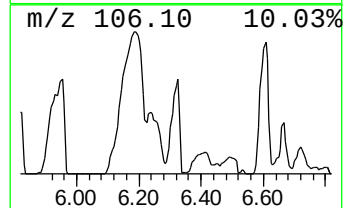
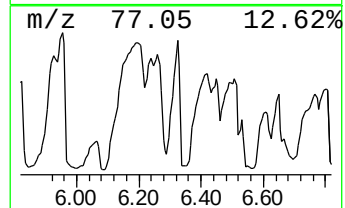
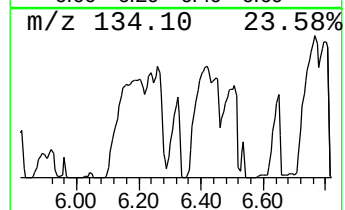
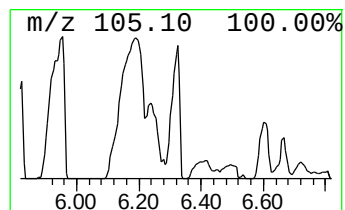
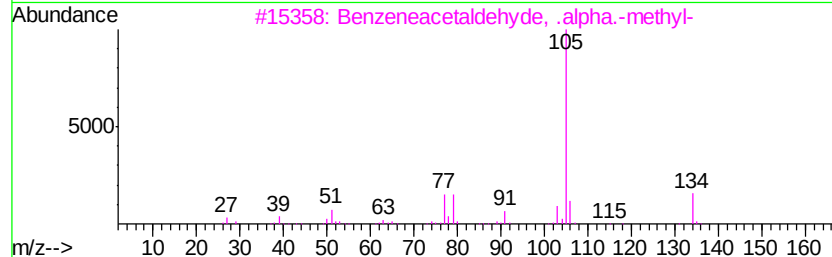
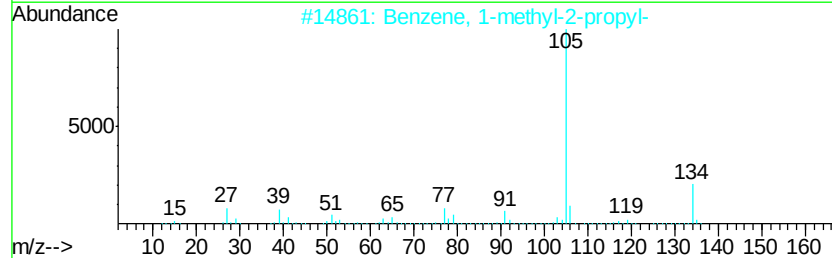
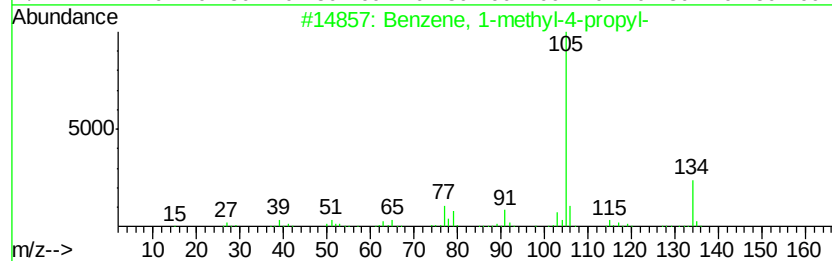
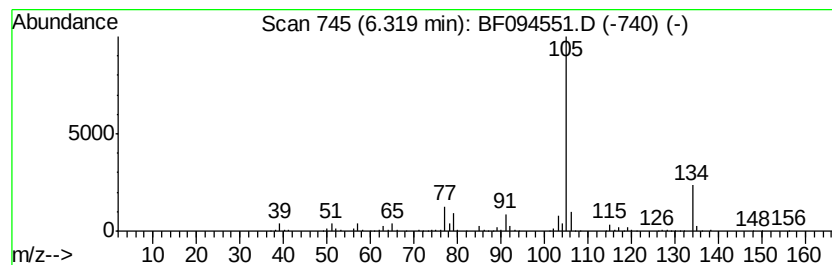
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1-methyl-4-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	52.98 ng	11253600	1,4-Dichlorobenzene-d4	5.86

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	91
3		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	91
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5		2-Tolylloxirane	134	C9H10O	002783-26-8	87



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
Data File : BF094551.D
Acq On : 20 Apr 2017 18:15
Operator : SJ/MA
Sample : I2744-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

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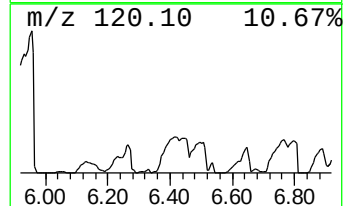
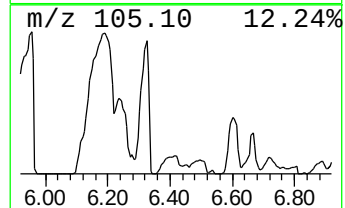
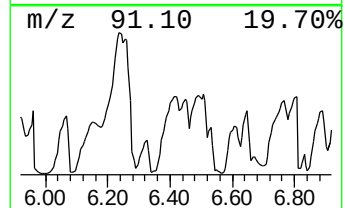
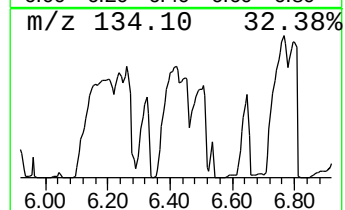
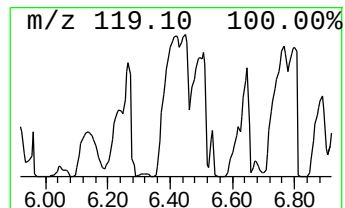
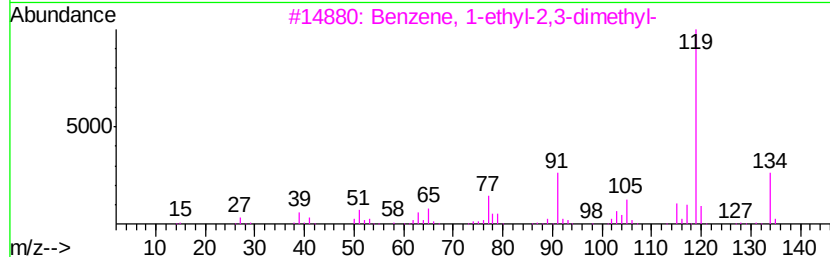
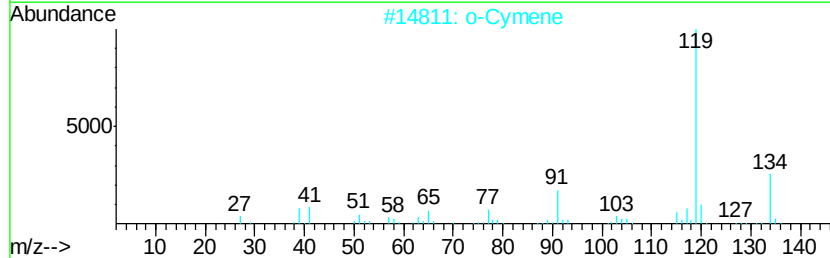
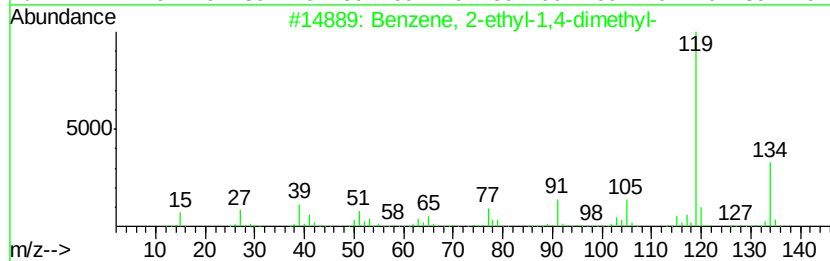
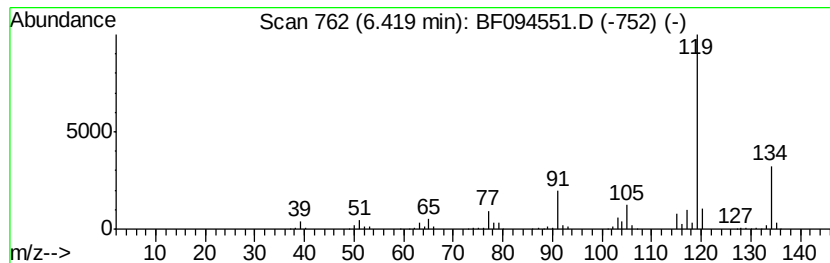
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	76.58 ng	16267100	1,4-Dichlorobenzene-d4	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
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Sample : I2744-02
Misc :
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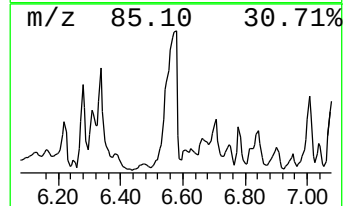
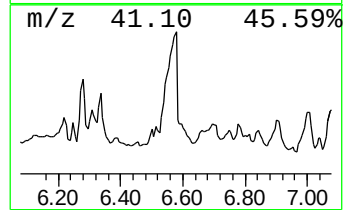
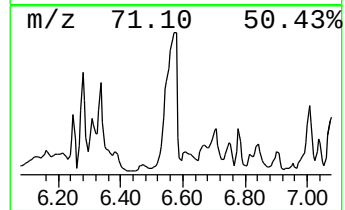
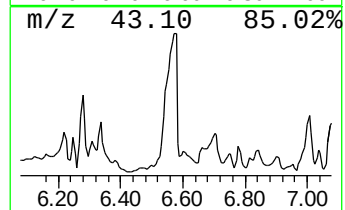
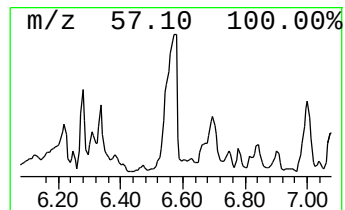
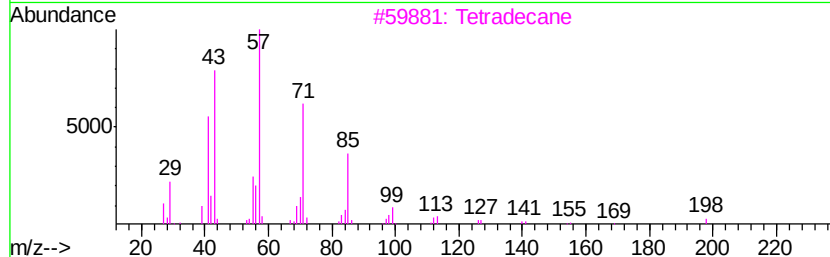
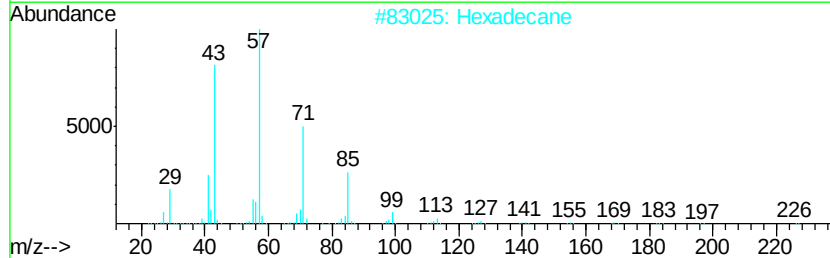
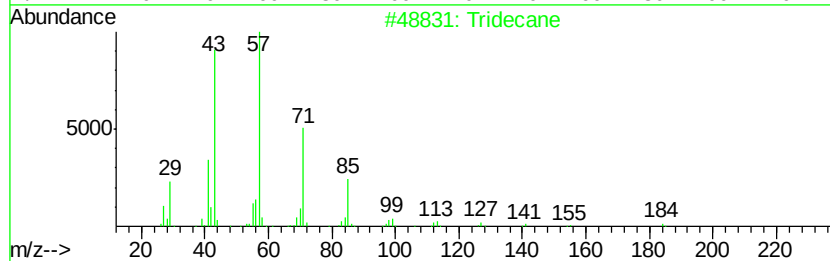
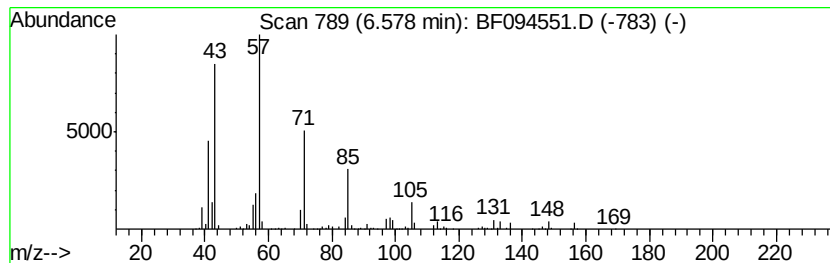
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.58	30.79 ng	6540000	1,4-Dichlorobenzene-d4	5.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	58
2	Hexadecane	226	C16H34	000544-76-3	58
3	Tetradecane	198	C14H30	000629-59-4	58
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
Data File : BF094551.D
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Operator : SJ/MA
Sample : I2744-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

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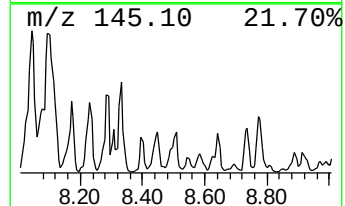
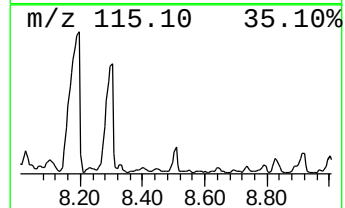
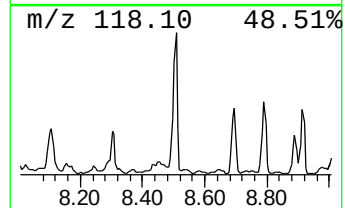
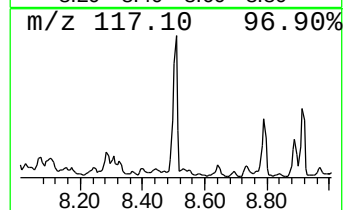
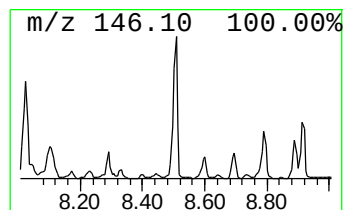
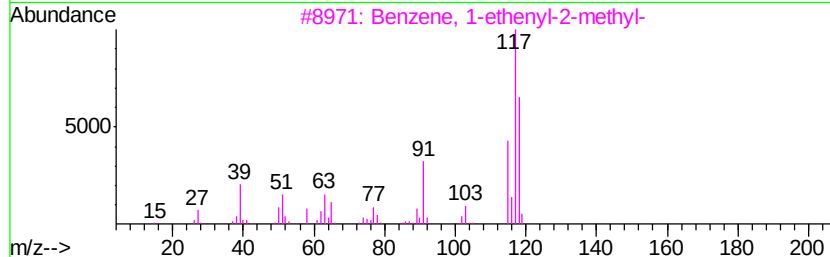
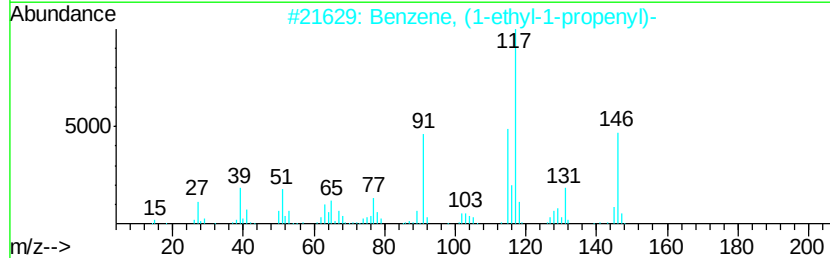
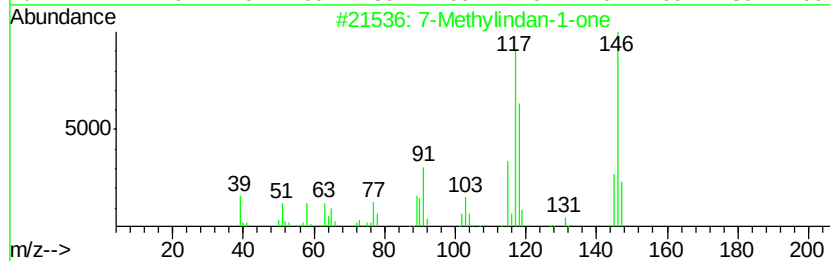
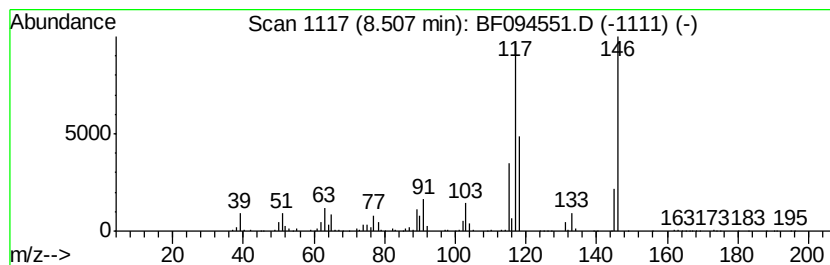
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 7-Methylindan-1-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	48.31 ng	2289420	Acenaphthene-d10	9.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Methylindan-1-one	146	C10H10O	039627-61-7	81
2		Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	59
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	45
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	43
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	38



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
Data File : BF094551.D
Acq On : 20 Apr 2017 18:15
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SB-2(18-20)20170418

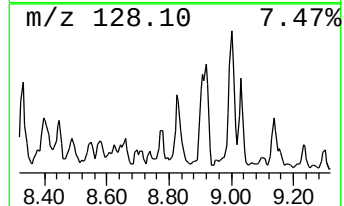
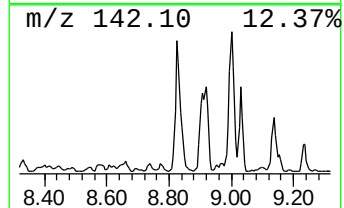
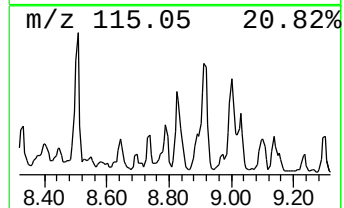
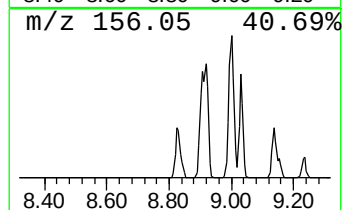
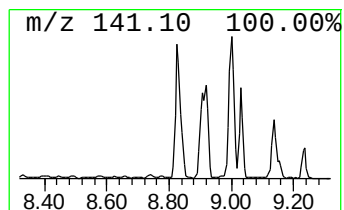
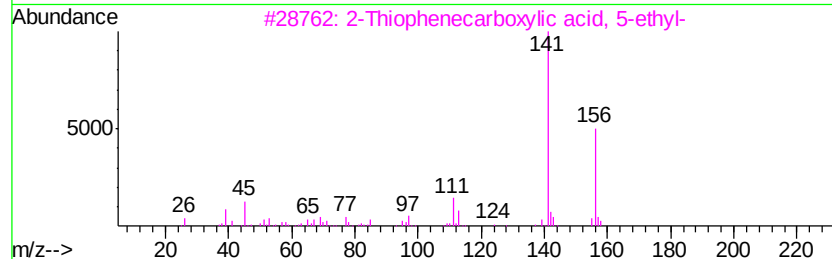
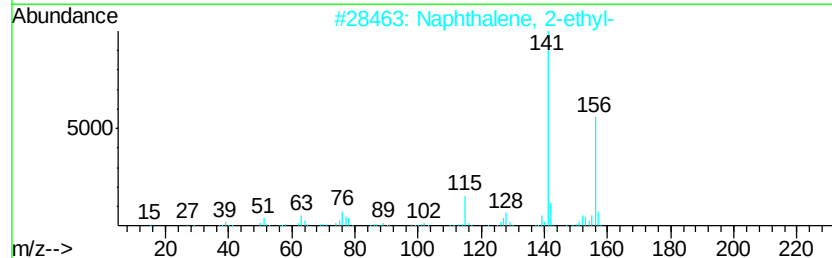
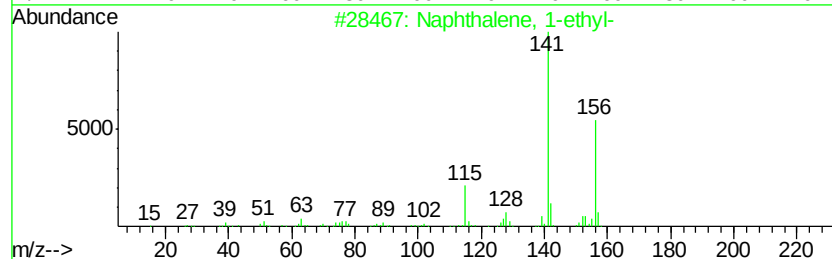
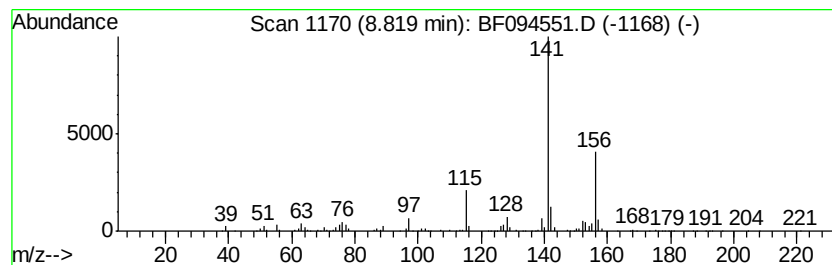
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 1-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	31.10 ng	1473670	Acenaphthene-d10	9.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4		2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59
5		5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	59



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
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Operator : SJ/MA
Sample : I2744-02
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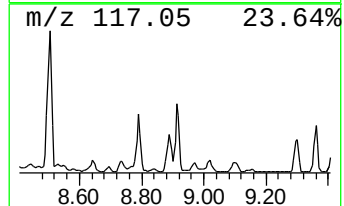
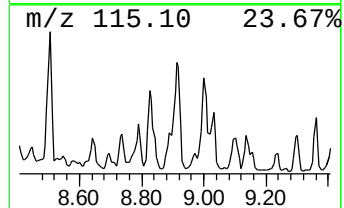
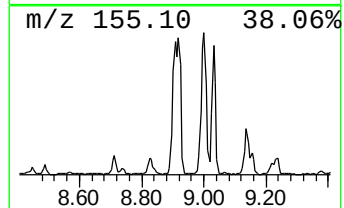
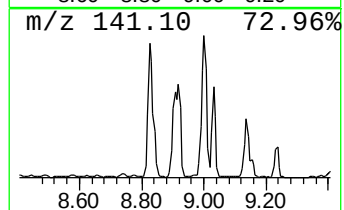
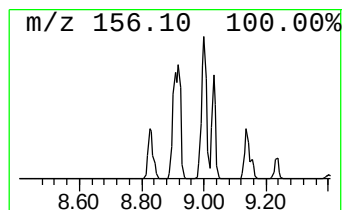
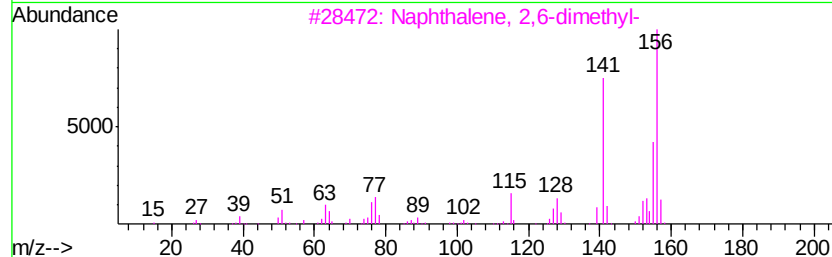
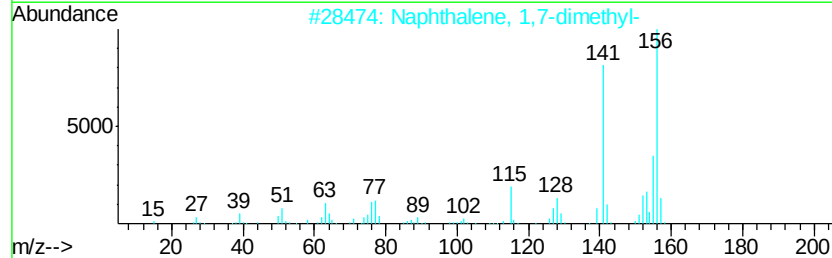
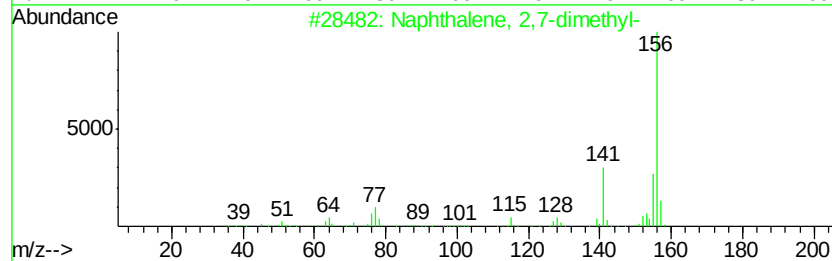
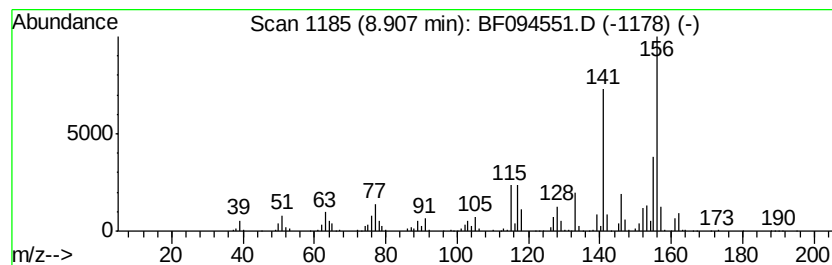
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SB-2(18-20)20170418

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 19 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	78.71 ng	3730080	Acenaphthene-d10	9.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 95
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 95
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 95
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 95



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
Data File : BF094551.D
Acq On : 20 Apr 2017 18:15
Operator : SJ/MA
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SB-2(18-20)20170418

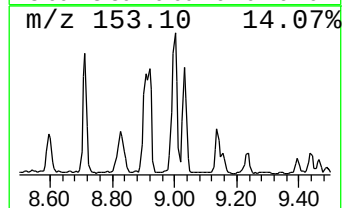
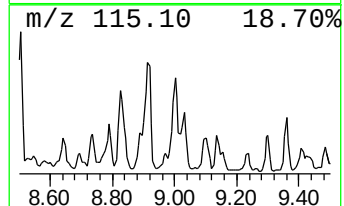
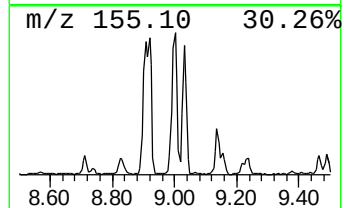
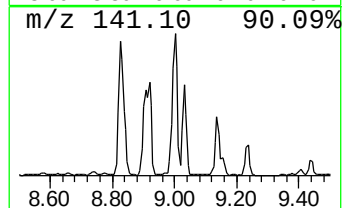
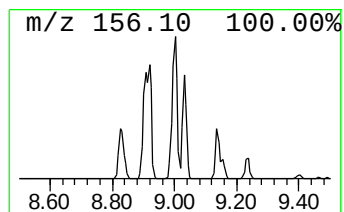
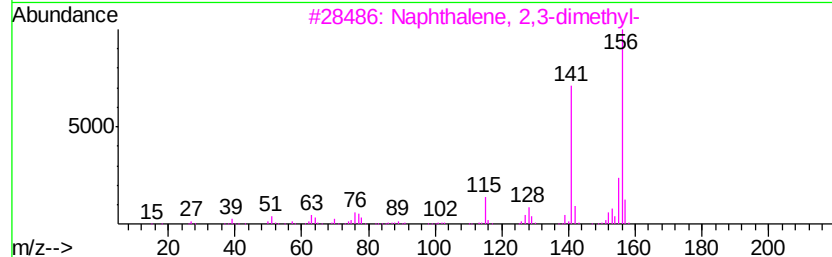
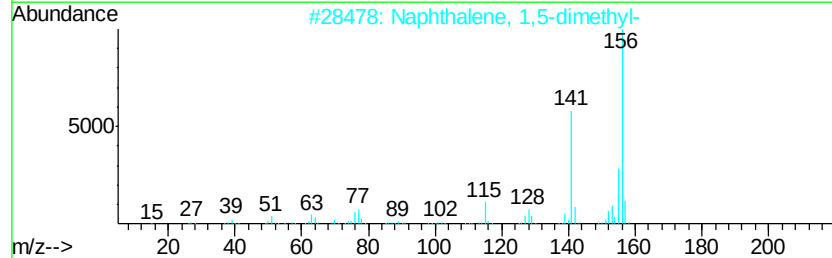
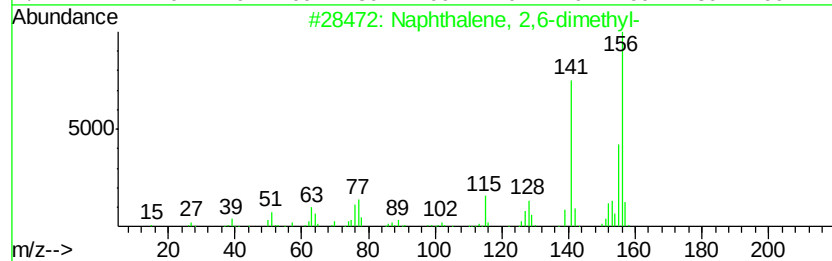
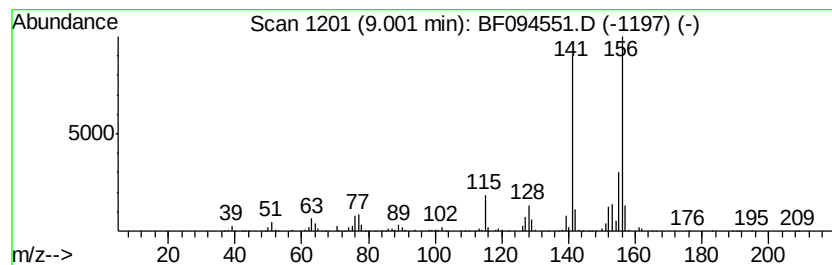
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	43.72 ng	2071960	Acenaphthene-d10	9.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042017\
 Data File : BF094551.D
 Acq On : 20 Apr 2017 18:15
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 Sample : I2744-02
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 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Heptane, 3-methyl-	3.10	56.9	ng	12096500	1	5.86	4248580	20.0
Heptane, 2,4-dime...	3.47	118.9	ng	25248600	1	5.86	4248580	20.0
Cyclohexane, 1,4-...	3.54	28.8	ng	6122780	1	5.86	4248580	20.0
Benzene, (1-methy...	4.93	70.9	ng	15065500	1	5.86	4248580	20.0
Benzene, 1-ethyl-...	5.31	146.3	ng	31089900	1	5.86	4248580	20.0
Benzene, 1,2,3-tr...	5.55	77.1	ng	16368800	1	5.86	4248580	20.0
Benzene, 1,2,4-tr...	5.74	183.8	ng	39034800	1	5.86	4248580	20.0
Indane	6.07	104.9	ng	22275400	1	5.86	4248580	20.0
Benzene, 1-methyl...	6.17	92.4	ng	19624700	1	5.86	4248580	20.0
Benzene, 1-methyl...	6.32	53.0	ng	11253600	1	5.86	4248580	20.0
Benzene, 2-ethyl-...	6.42	76.6	ng	16267100	1	5.86	4248580	20.0
Tridecane	6.58	30.8	ng	6540000	1	5.86	4248580	20.0
7-Methylindan-1-one	8.51	48.3	ng	2289420	3	9.40	947757	20.0
Naphthalene, 1-et...	8.82	31.1	ng	1473670	3	9.40	947757	20.0
Naphthalene, 2,7-...	8.91	78.7	ng	3730080	3	9.40	947757	20.0
Naphthalene, 2,6-...	9.00	43.7	ng	2071960	3	9.40	947757	20.0