

Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
 Data File : BF094552.D
 Acq On : 20 Apr 2017 18:42
 Operator : SJ/MA
 Sample : I2744-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-10)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	2.008	8	12	18	rVB2	1292416	2360619	8.38%	0.501%
2	2.072	18	23	27	rBV	439559	650432	2.31%	0.138%
3	2.125	27	32	35	rBV	493443	782189	2.78%	0.166%
4	2.166	35	39	47	rVB4	871871	1750574	6.21%	0.372%
5	2.366	47	73	77	rBV2	2808130	8929144	31.70%	1.896%
6	2.425	78	83	86	rBV	1002011	1793282	6.37%	0.381%
7	2.455	86	88	93	rVB	1198619	1483529	5.27%	0.315%
8	2.507	93	97	101	rVB2	733407	1044279	3.71%	0.222%
9	2.602	103	113	120	rBV4	1249148	3460696	12.29%	0.735%
10	2.719	124	133	136	rBV4	1374978	3279910	11.64%	0.697%
11	2.755	136	139	143	rVB2	964622	1180734	4.19%	0.251%
12	2.819	144	150	154	rBV3	731956	1745904	6.20%	0.371%
13	3.013	169	183	185	rVV2	5642824	19211481	68.20%	4.080%
14	3.037	185	187	189	rVV2	613482	638933	2.27%	0.136%
15	3.084	189	195	198	rVB2	5870907	11654195	41.37%	2.475%
16	3.113	198	200	202	rBV	1075956	800382	2.84%	0.170%
17	3.178	206	211	214	rVB2	3182705	4018712	14.27%	0.853%
18	3.207	214	216	223	rVB2	1313367	1694380	6.02%	0.360%
19	3.290	223	230	232	rBV2	1975168	3571748	12.68%	0.759%
20	3.313	232	234	243	rVB5	1559210	3782338	13.43%	0.803%
21	3.460	243	259	265	rVB3	6223764	22707647	80.61%	4.822%
22	3.531	265	271	278	rVB3	3731690	6485535	23.02%	1.377%
23	3.602	280	283	288	rVB2	1419936	1792629	6.36%	0.381%
24	3.660	288	293	296	rBV4	816912	1632092	5.79%	0.347%
25	3.702	296	300	303	rBV	769570	1157936	4.11%	0.246%
26	3.766	308	311	313	rBV2	630170	861730	3.06%	0.183%
27	3.807	314	318	320	rBV2	849065	1399433	4.97%	0.297%
28	3.884	321	331	340	rBV2	2640080	8467681	30.06%	1.798%
29	4.219	376	388	394	rBV	4486049	21685831	76.99%	4.605%
30	4.478	429	432	435	rVB	1747660	1801510	6.40%	0.383%
31	4.537	439	442	445	rBV2	902790	1395701	4.95%	0.296%
32	4.660	445	463	465	rBV	5779945	28168147	100.00%	5.982%
33	4.725	471	474	477	rBV3	1557900	1654242	5.87%	0.351%
34	4.784	478	484	486	rVV3	2256029	3830753	13.60%	0.814%

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

35	4.825	486	491	498	rVB4	1572919	4329614	15.37%	0.919%
36	4.919	500	507	516	rBV2	3794463	12573804	44.64%	2.670%
37	5.243	552	562	563	rBV	3416205	10145023	36.02%	2.154%
38	5.548	605	614	618	rVB	4827014	15397672	54.66%	3.270%
39	5.678	625	636	637	rBV2	4404268	14082419	49.99%	2.991%
40	5.807	654	658	660	rBV	3243414	4667229	16.57%	0.991%
41	5.907	671	675	676	rBV	3568823	3963511	14.07%	0.842%
42	6.019	688	694	695	rBV2	2626069	4403365	15.63%	0.935%
43	6.166	707	719	720	rBV3	5570973	18021782	63.98%	3.827%
44	6.325	740	746	752	rVB2	5236583	10799017	38.34%	2.293%
45	6.419	752	762	764	rBV	4915146	15990208	56.77%	3.396%
46	6.513	769	778	779	rVV	4802288	14524063	51.56%	3.084%
47	6.531	779	781	783	rVV3	4175943	4172068	14.81%	0.886%
48	6.572	783	788	790	rVV	3695661	6489569	23.04%	1.378%
49	6.601	790	793	797	rVB5	2001313	3407710	12.10%	0.724%
50	6.648	797	801	803	rBV	2945884	3089562	10.97%	0.656%
51	6.766	811	821	822	rBV2	4085972	11402114	40.48%	2.421%
52	6.831	830	832	834	rBV2	1025947	827653	2.94%	0.176%
53	6.884	834	841	843	rBV	3195549	5812585	20.64%	1.234%
54	6.919	843	847	849	rVV2	2284202	3235051	11.48%	0.687%
55	6.960	849	854	856	rVB3	4260210	7792507	27.66%	1.655%
56	6.990	856	859	860	rBV	1625254	1389712	4.93%	0.295%
57	7.031	862	866	869	rBV2	2932994	5545158	19.69%	1.178%
58	7.119	877	881	882	rBV2	4228006	4942961	17.55%	1.050%
59	7.195	888	894	896	rBV	4343673	7393291	26.25%	1.570%
60	7.307	906	913	915	rBV5	3274649	6813893	24.19%	1.447%
61	7.348	915	920	922	rBV3	3468746	6388037	22.68%	1.357%
62	7.425	930	933	934	rBV2	1701341	1730205	6.14%	0.367%
63	7.442	934	936	939	rVB	3726643	3578602	12.70%	0.760%
64	7.478	939	942	944	rBV2	1031099	895474	3.18%	0.190%
65	7.537	949	952	956	rVB3	2852751	3518214	12.49%	0.747%
66	7.572	956	958	961	rVB3	943161	701568	2.49%	0.149%
67	7.648	965	971	973	rBV3	2698450	4793324	17.02%	1.018%
68	7.678	973	976	979	rVB3	1788328	2061501	7.32%	0.438%
69	7.713	979	982	985	rVB4	1669540	2161100	7.67%	0.459%
70	7.754	985	989	991	rBV3	2720923	3320027	11.79%	0.705%
71	7.778	991	993	1001	rVB5	3303893	5450064	19.35%	1.157%

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72	7.854	1001	1006	1008	rBV3	2969780	4295343	15.25%	0.912%
73	7.872	1008	1009	1012	rVB	2058691	1437419	5.10%	0.305%
74	7.913	1012	1016	1018	rBV2	1370098	1686772	5.99%	0.358%
75	7.948	1018	1022	1027	rVB3	985188	1718942	6.10%	0.365%
76	7.989	1027	1029	1031	rBV	901561	699648	2.48%	0.149%
77	8.013	1031	1033	1036	rVB	1680065	1335356	4.74%	0.284%
78	8.066	1038	1042	1045	rBV2	4322960	4602894	16.34%	0.977%
79	8.095	1045	1047	1051	rVB2	1328685	1331405	4.73%	0.283%
80	8.184	1053	1062	1064	rVB	6181743	13199061	46.86%	2.803%
81	8.219	1064	1068	1070	rBV	655797	649669	2.31%	0.138%
82	8.254	1071	1074	1075	rBV	1320323	1103784	3.92%	0.234%
83	8.289	1075	1080	1083	rVB	4745348	6623590	23.51%	1.407%
84	8.319	1083	1085	1089	rVB	615883	563123	2.00%	0.120%
85	8.401	1094	1099	1102	rVB5	517723	876061	3.11%	0.186%
86	8.489	1111	1114	1117	rVB3	512564	606675	2.15%	0.129%
87	8.525	1117	1120	1124	rVB4	586070	675953	2.40%	0.144%
88	8.595	1128	1132	1135	rVB	2760739	2631813	9.34%	0.559%
89	8.731	1152	1155	1158	rVB	1683261	1402265	4.98%	0.298%
90	8.825	1167	1171	1177	rVB2	710900	1099648	3.90%	0.234%
91	8.901	1181	1184	1189	rVB2	1171716	1736485	6.16%	0.369%
92	8.995	1196	1200	1203	rBV	1160682	1271712	4.51%	0.270%
93	9.025	1203	1205	1208	rVB	758181	606239	2.15%	0.129%
94	9.089	1212	1216	1219	rBV	813859	910943	3.23%	0.193%
95	9.401	1266	1269	1272	rVB3	894854	993822	3.53%	0.211%
96	10.366	1429	1433	1438	rBV	989704	1044801	3.71%	0.222%
97	11.213	1573	1577	1580	rBV	1018880	1052382	3.74%	0.223%
98	13.195	1909	1914	1917	rBV	2369863	2632017	9.34%	0.559%
99	14.460	2125	2129	2132	rBV	764308	771668	2.74%	0.164%
100	16.083	2400	2405	2410	rVB	597962	651719	2.31%	0.138%

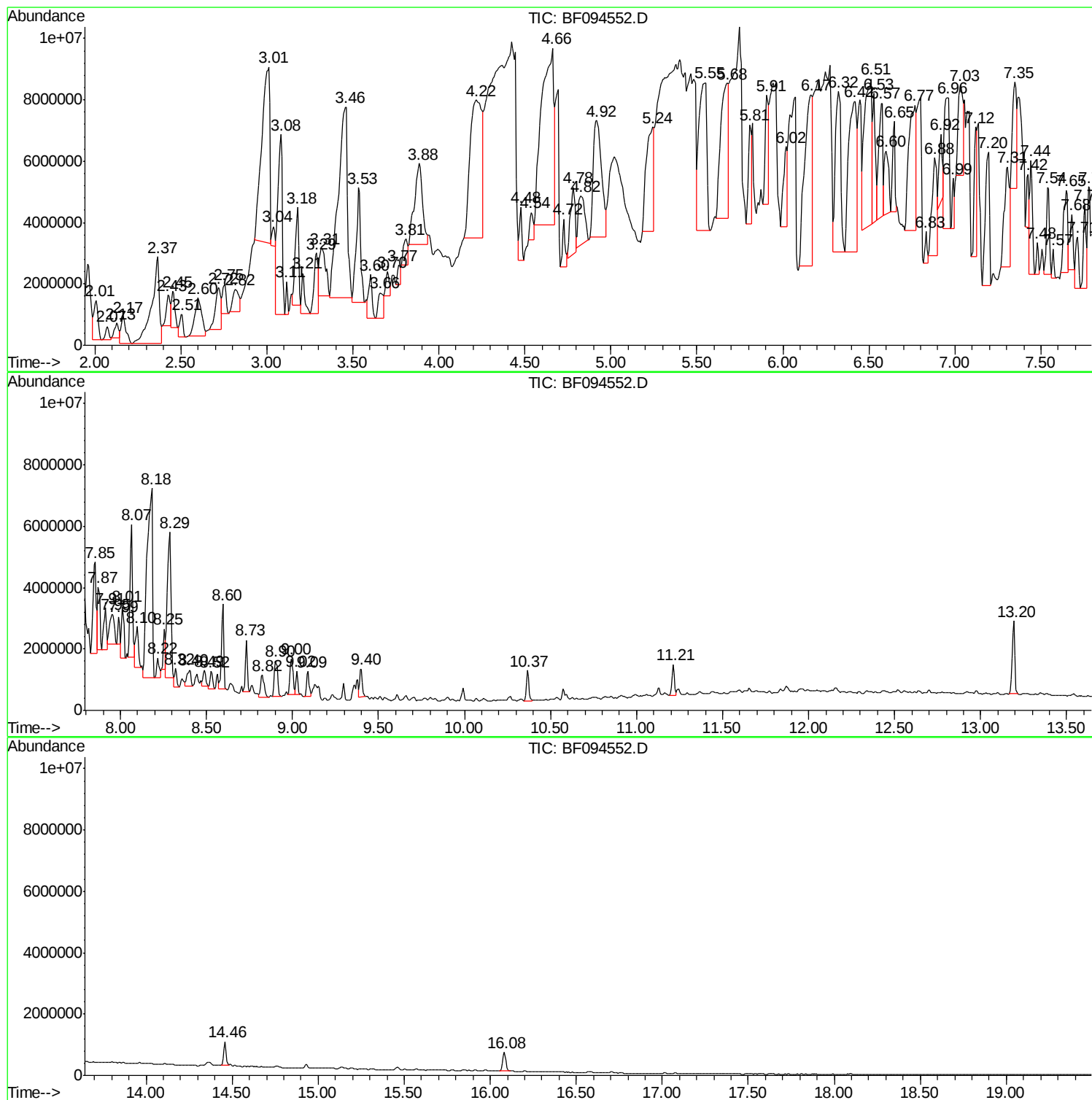
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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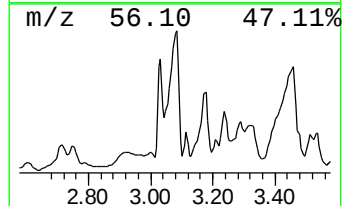
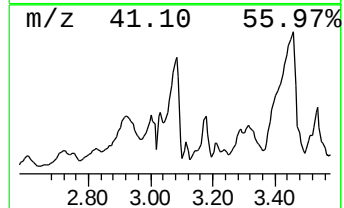
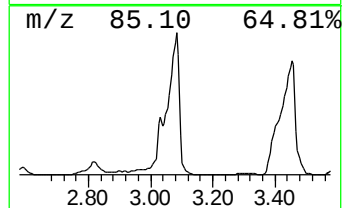
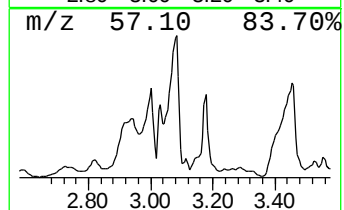
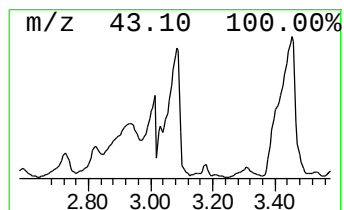
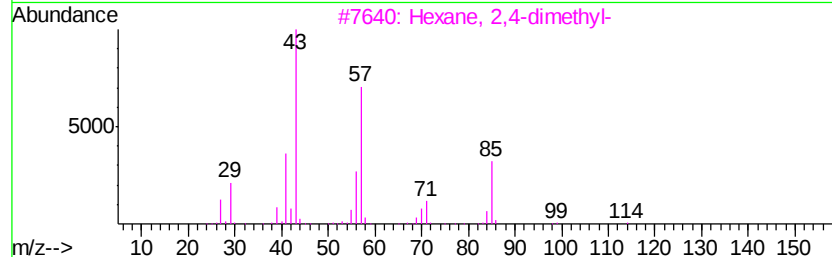
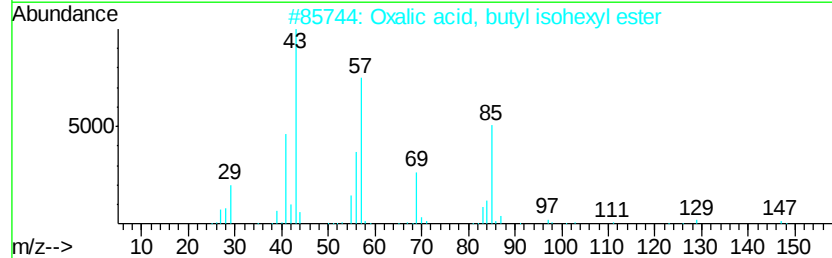
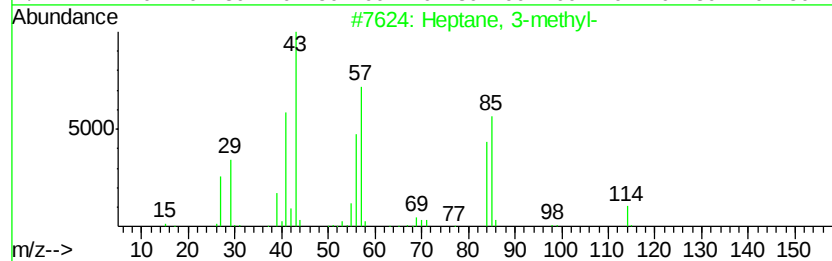
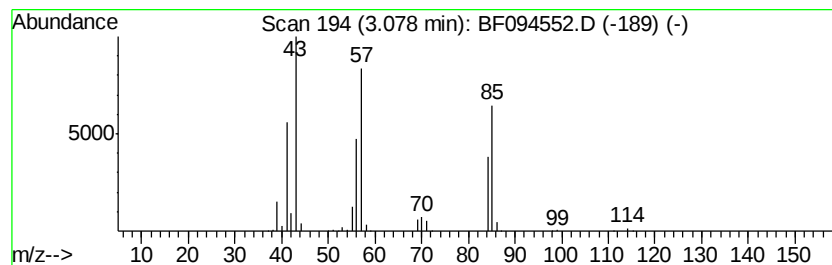
Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Heptane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.08	58.81 ng	11654200	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	72
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	59



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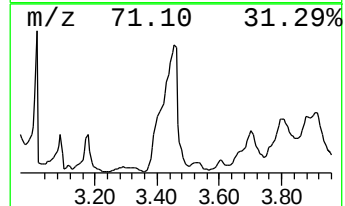
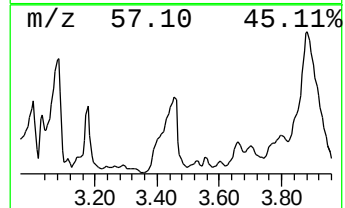
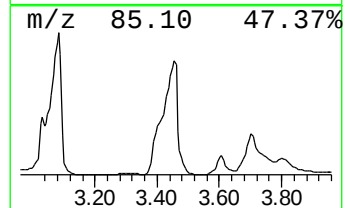
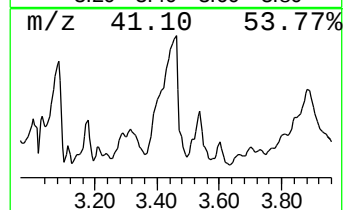
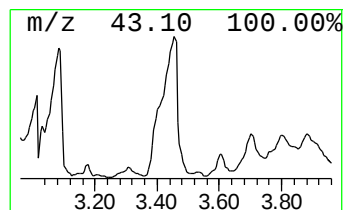
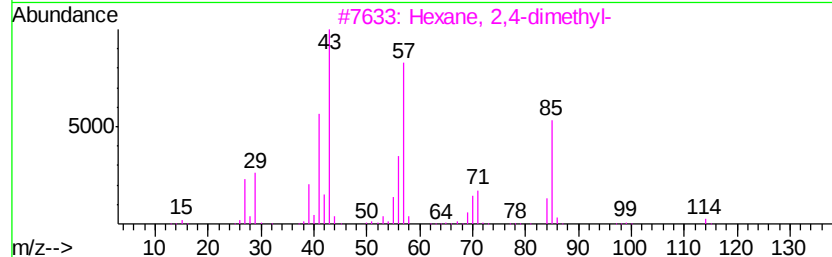
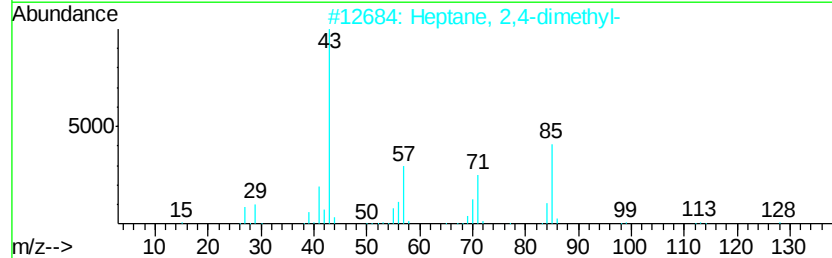
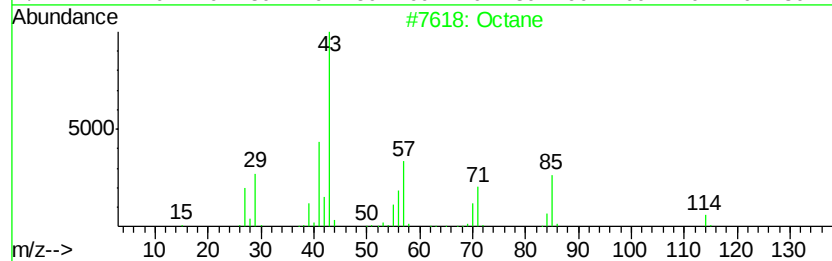
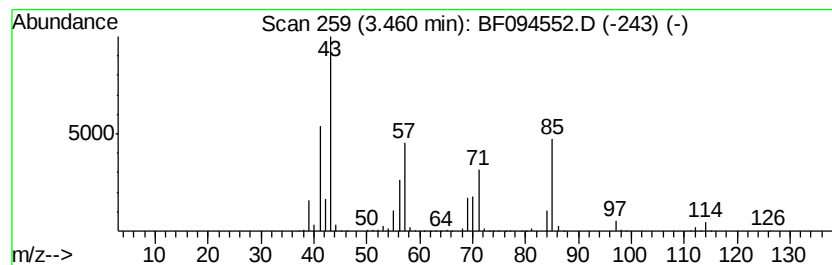
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.46	114.58 ng	22707600	1,4-Dichlorobenzene-d4	5.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane		114	C8H18	000111-65-9	90
2	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	72
3	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	64
4	Undecane, 2,4-dimethyl-		184	C13H28	017312-80-0	59
5	Hexane, 2,3,3-trimethyl-		128	C9H20	016747-28-7	59



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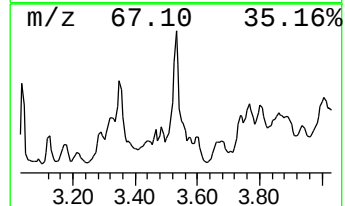
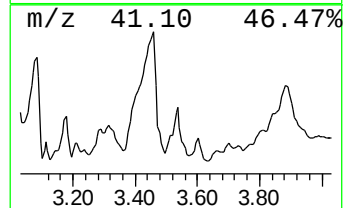
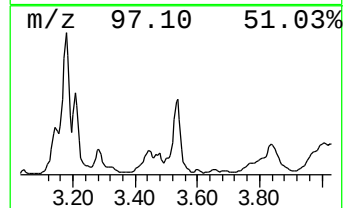
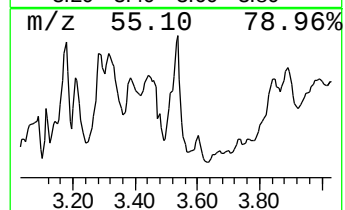
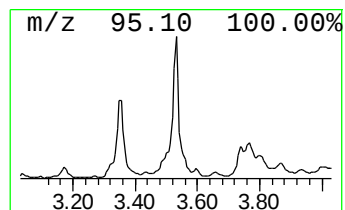
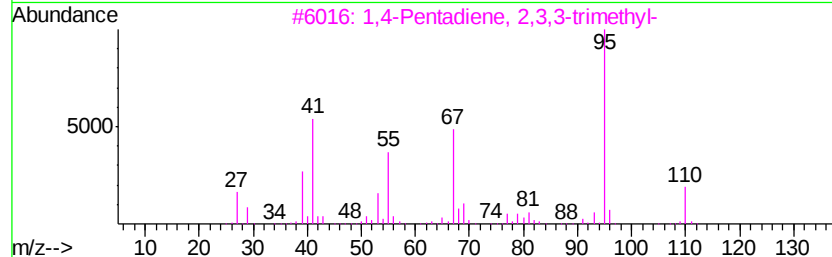
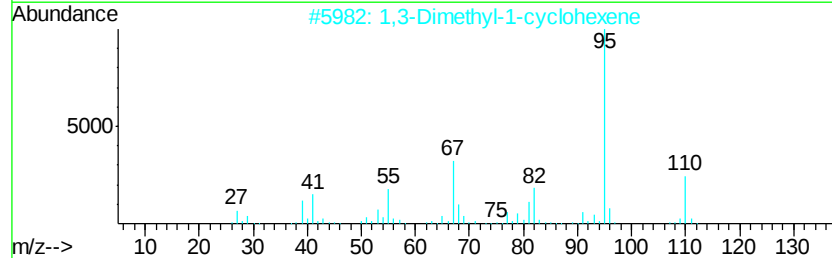
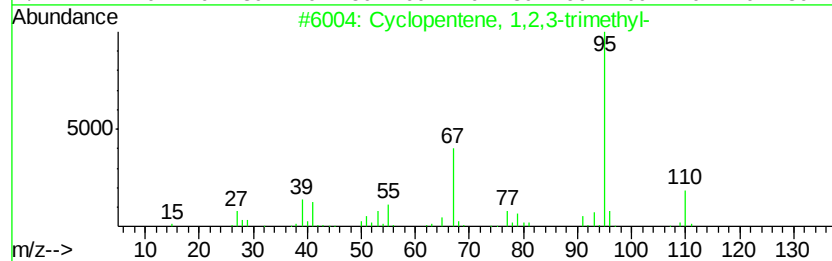
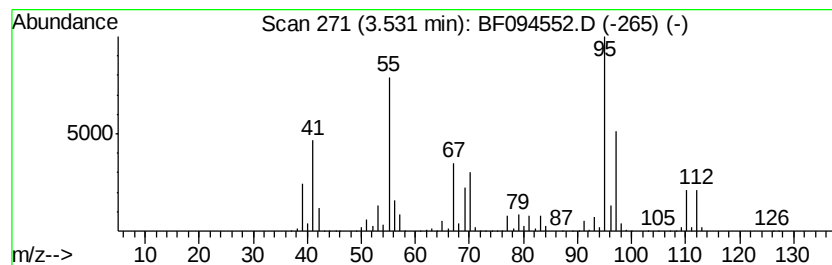
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	32.73 ng	6485540	1,4-Dichlorobenzene-d4	5.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	86
2		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	50
3		1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	43
4		Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	41
5		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	38



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042017\
Data File : BF094552.D
Acq On : 20 Apr 2017 18:42
Operator : SJ/MA
Sample : I2744-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)20170418

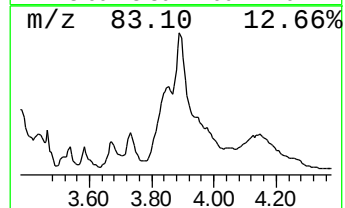
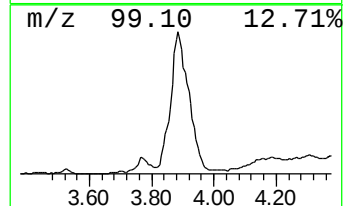
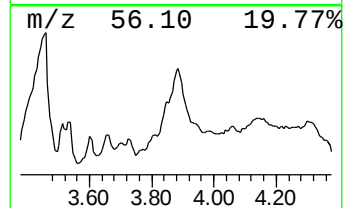
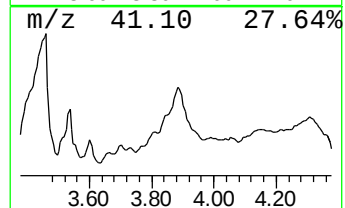
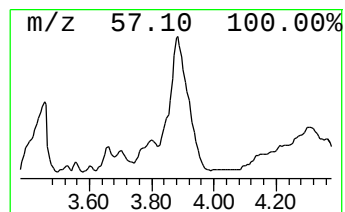
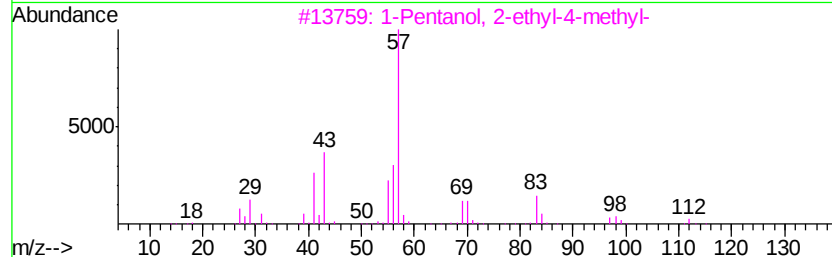
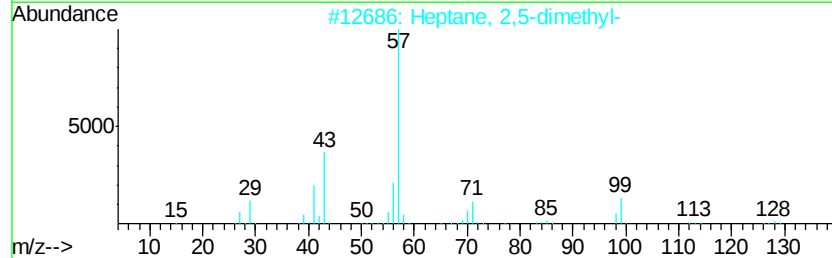
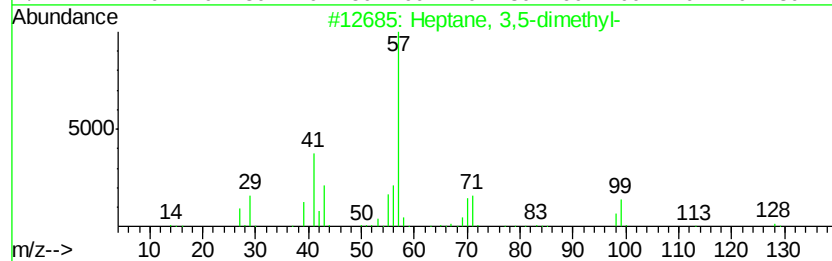
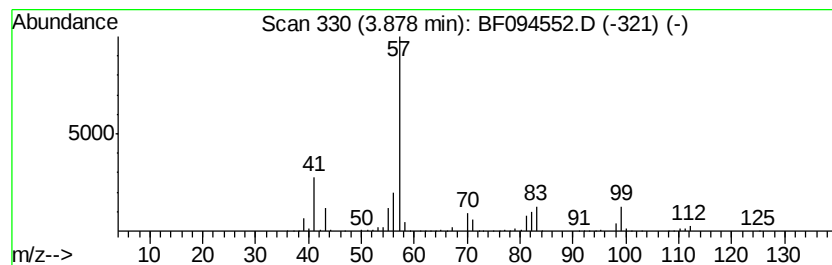
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown3.88 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.88	42.73 ng	8467680	1,4-Dichlorobenzene-d4	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	43
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	40
3		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	36
4		Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	28
5		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	28



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
Data File : BF094552.D
Acq On : 20 Apr 2017 18:42
Operator : SJ/MA
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Misc :
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ClientSampleId :
SB-2(8-10)20170418

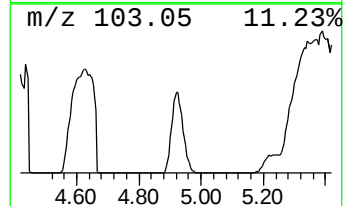
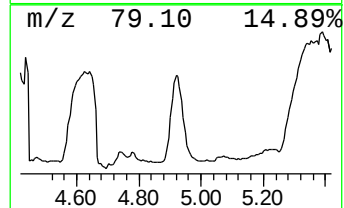
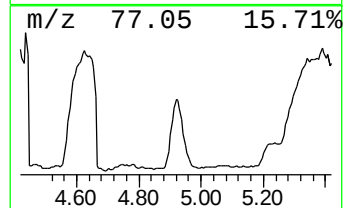
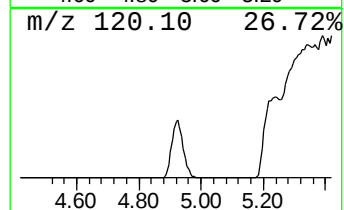
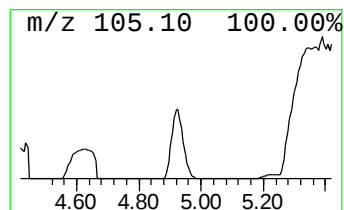
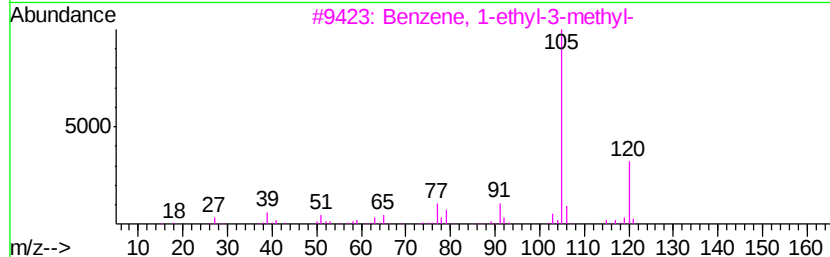
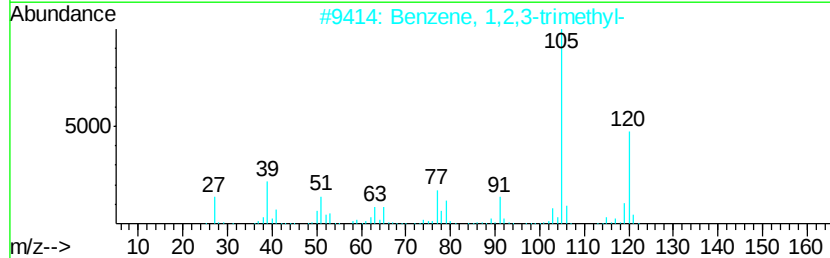
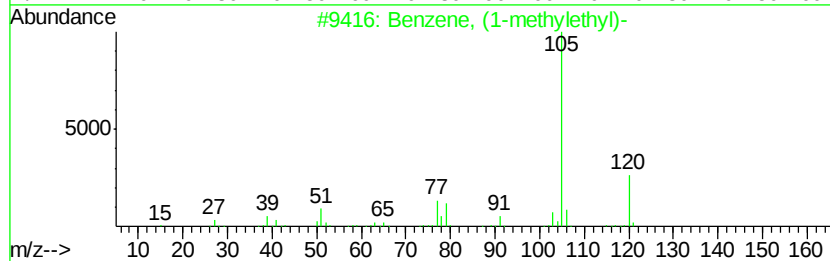
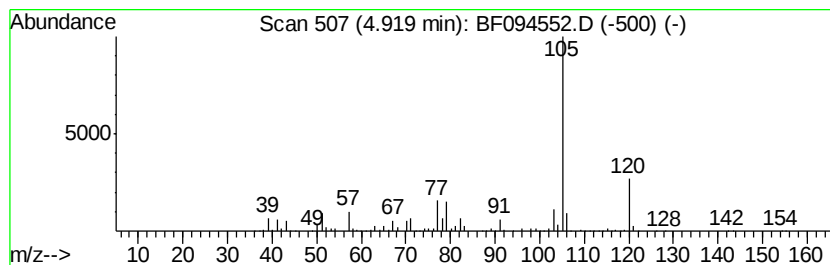
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, (1-methylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	63.45 ng	12573800	1,4-Dichlorobenzene-d4	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	93
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	59



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
Data File : BF094552.D
Acq On : 20 Apr 2017 18:42
Operator : SJ/MA
Sample : I2744-01
Misc :
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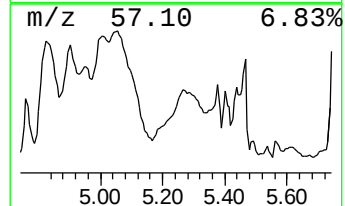
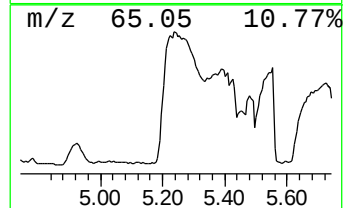
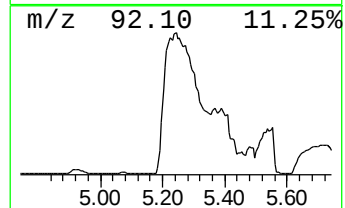
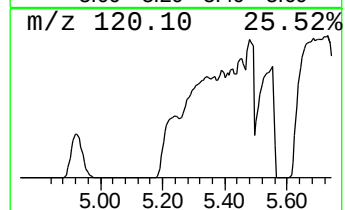
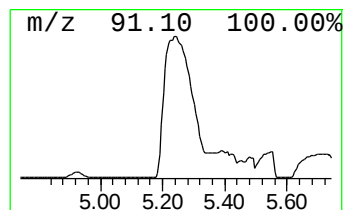
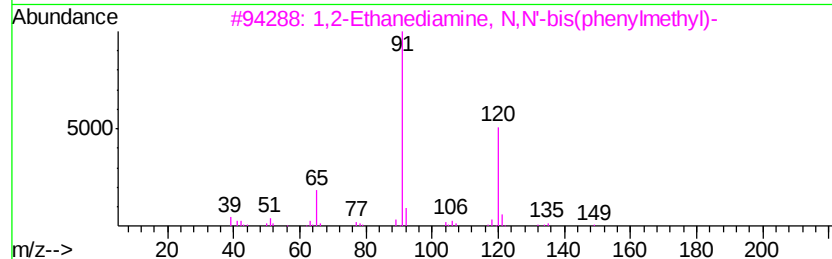
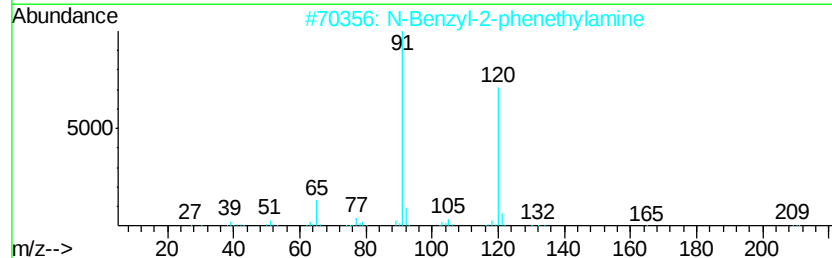
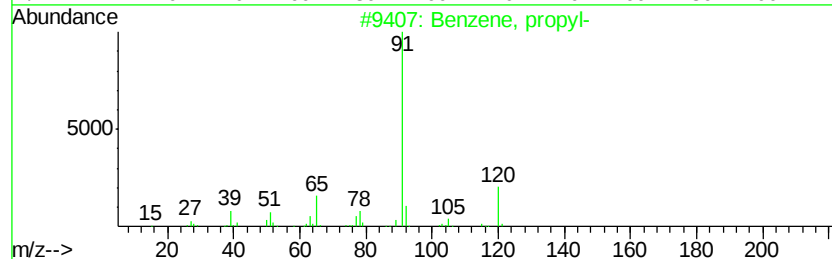
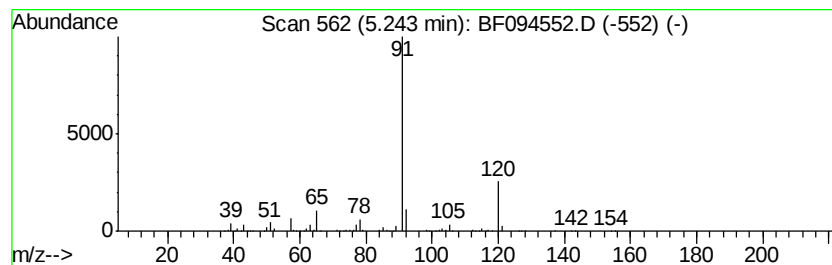
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ClientSampleId :
SB-2(8-10)20170418

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, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.24	51.19 ng	10145000	1,4-Dichlorobenzene-d4	5.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
4	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	59
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	59



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
Data File : BF094552.D
Acq On : 20 Apr 2017 18:42
Operator : SJ/MA
Sample : I2744-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-2(8-10)20170418

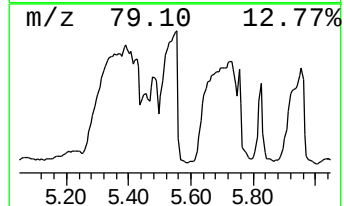
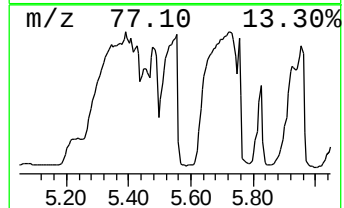
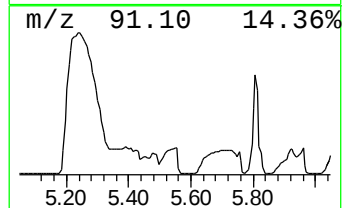
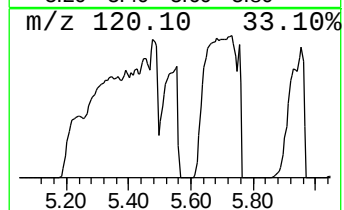
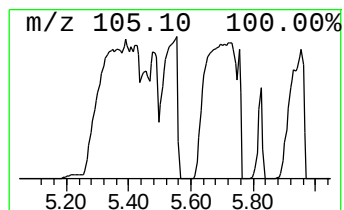
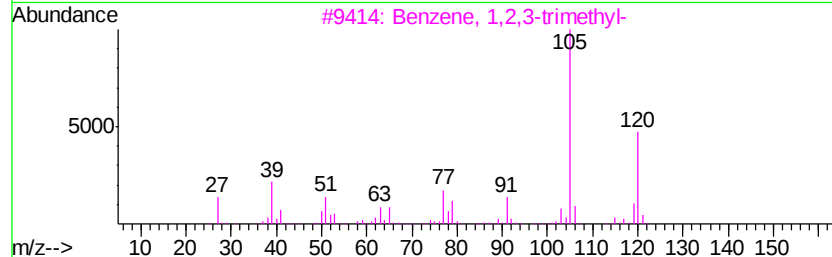
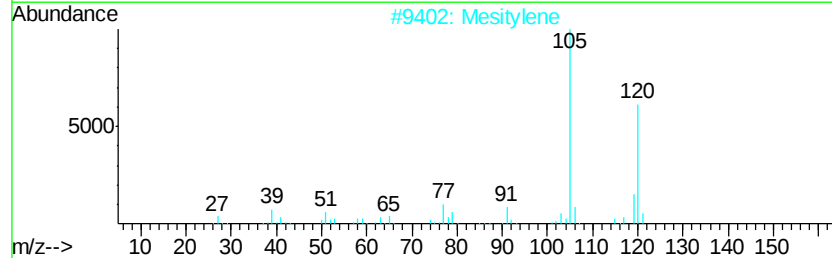
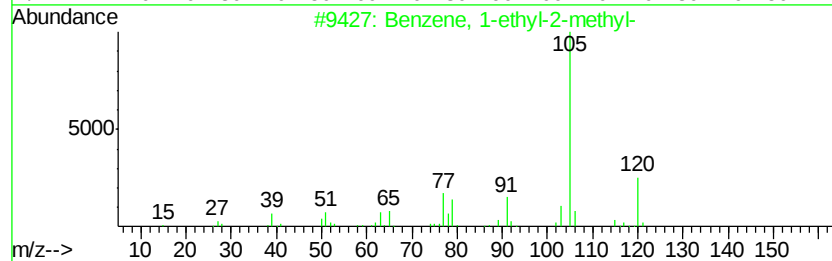
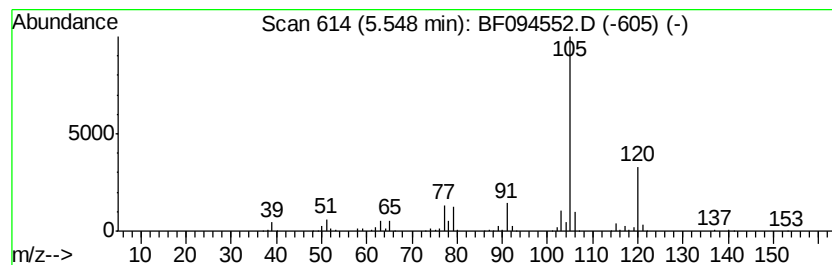
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	77.70 ng	15397700	1,4-Dichlorobenzene-d4	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2		Mesitylene	120	C9H12	000108-67-8	91
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042017\
Data File : BF094552.D
Acq On : 20 Apr 2017 18:42
Operator : SJ/MA
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ClientSampleId :
SB-2(8-10)20170418

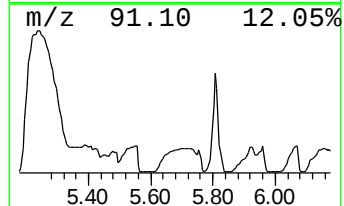
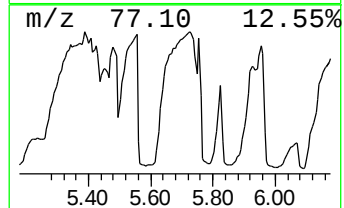
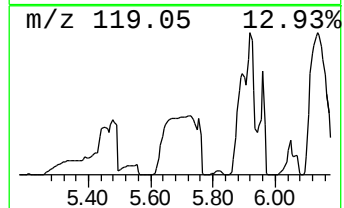
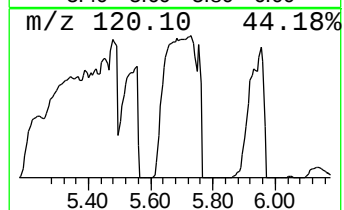
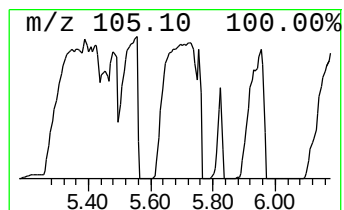
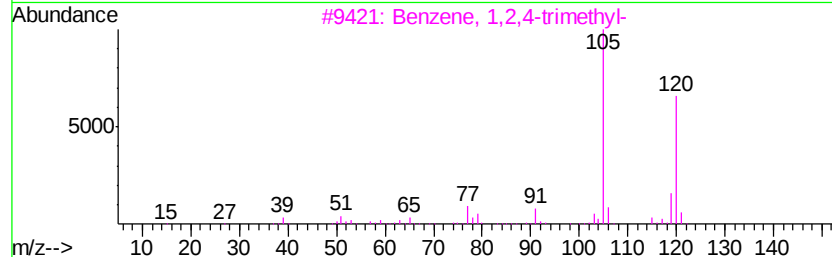
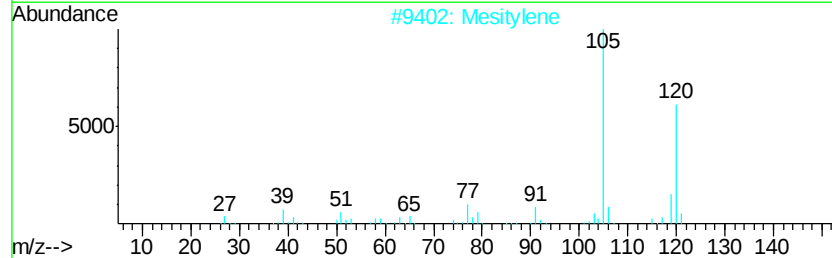
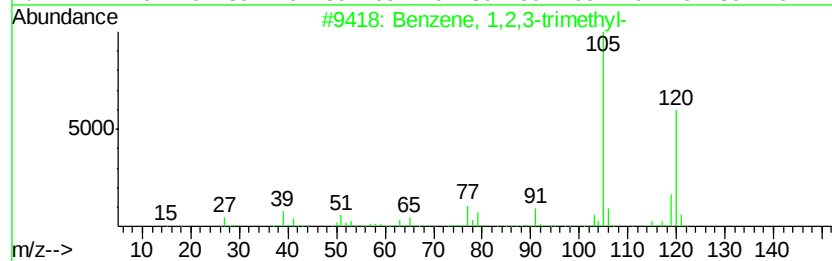
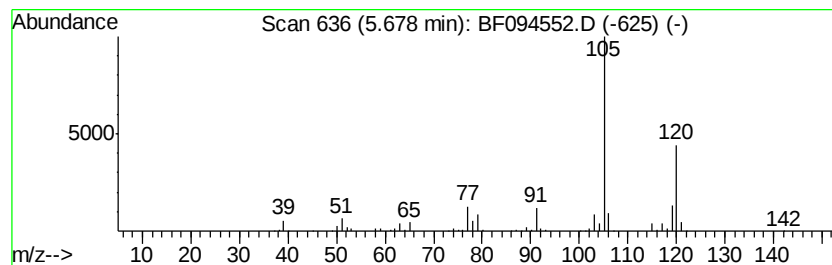
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	71.06 ng	14082400	1,4-Dichlorobenzene-d4	5.86

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



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
Data File : BF094552.D
Acq On : 20 Apr 2017 18:42
Operator : SJ/MA
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
SB-2(8-10)20170418

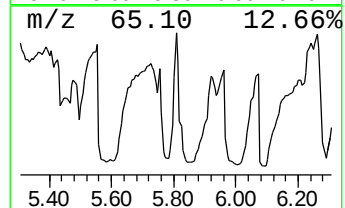
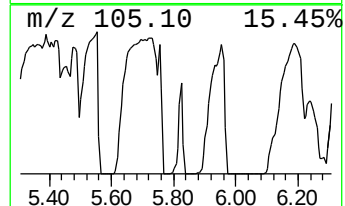
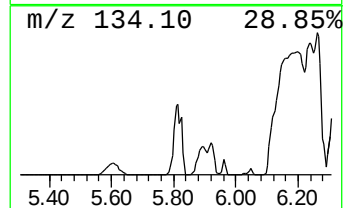
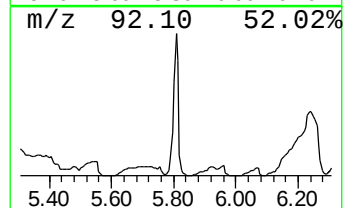
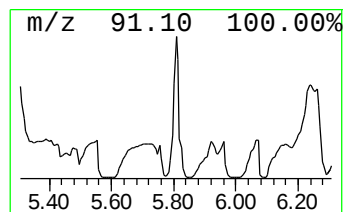
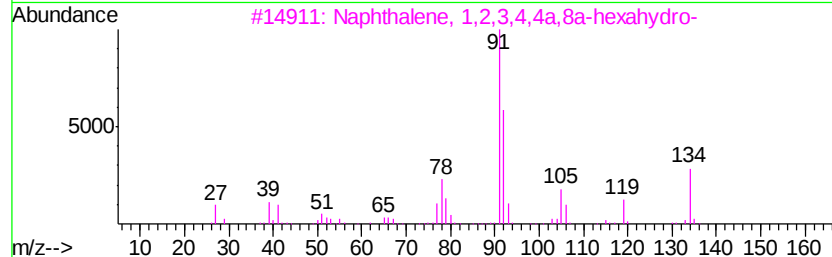
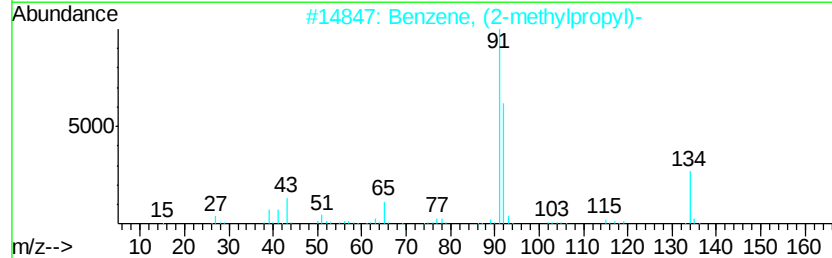
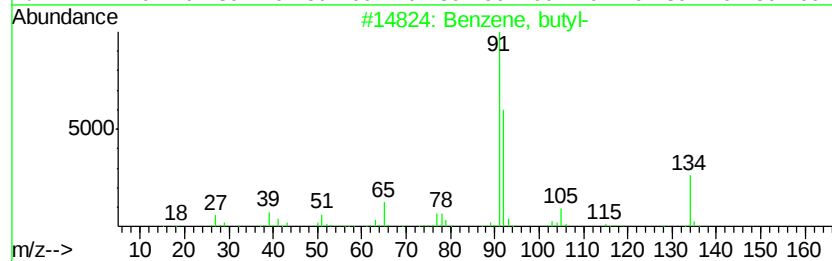
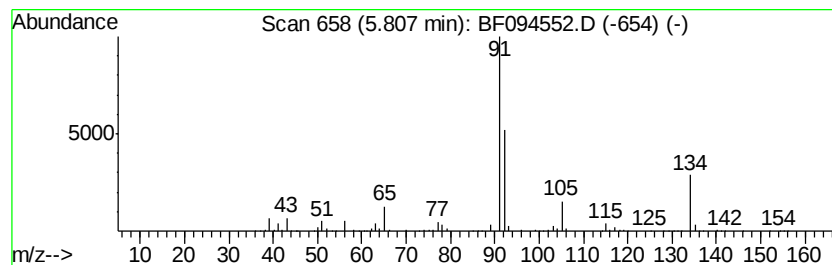
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.81	23.55 ng	4667230	1,4-Dichlorobenzene-d4	5.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, butyl-	134	C10H14	000104-51-8	87
2			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	81
3			Naphthalene, 1,2,3,4,4a,8a-hexah...	134	C10H14	062690-62-4	64
4			Toluene	92	C7H8	000108-88-3	49
5			Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	47



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
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SB-2(8-10)20170418

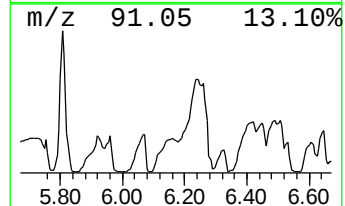
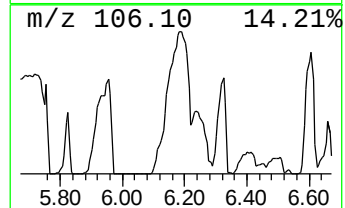
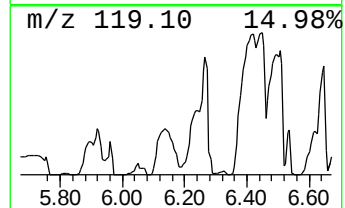
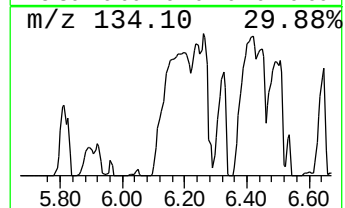
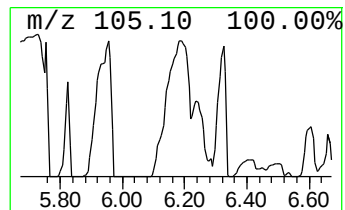
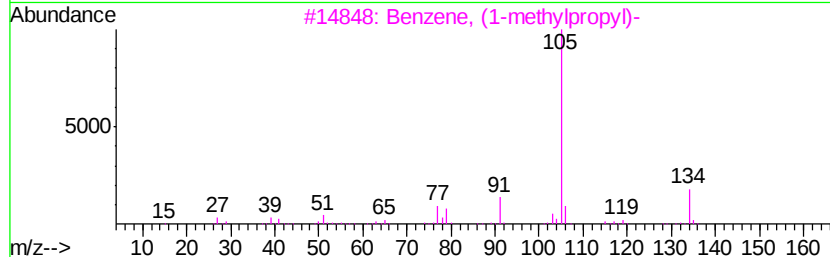
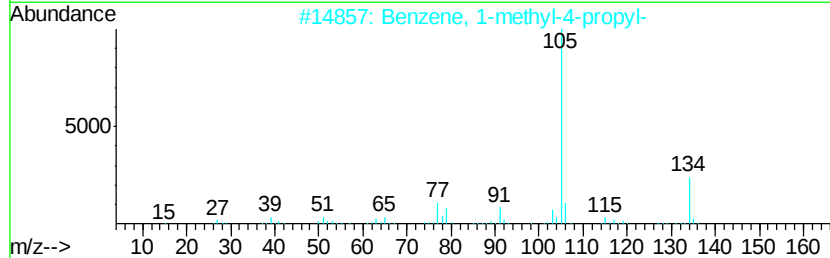
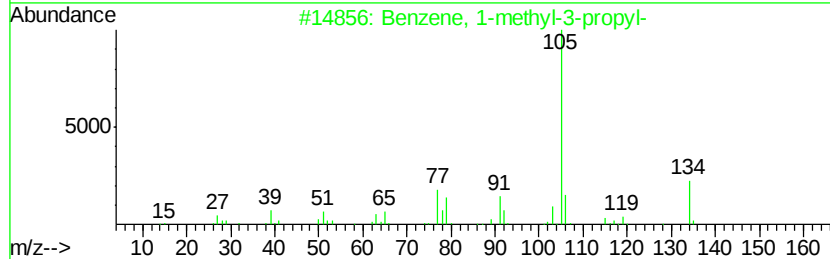
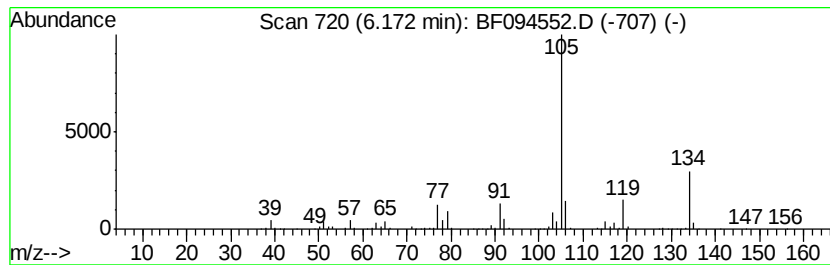
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1-methyl-3-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	90.94 ng	18021800	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	72
4		2-Indanol	134	C9H10O	004254-29-9	68
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
Data File : BF094552.D
Acq On : 20 Apr 2017 18:42
Operator : SJ/MA
Sample : I2744-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)20170418

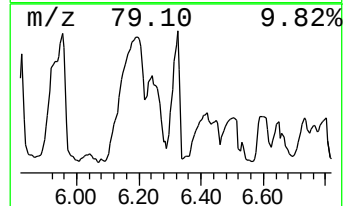
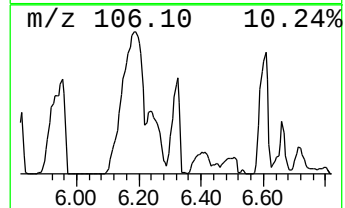
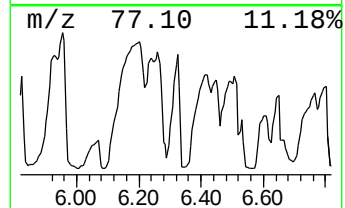
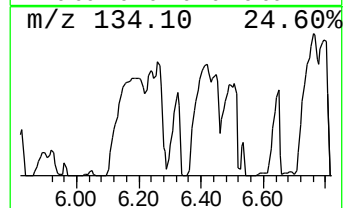
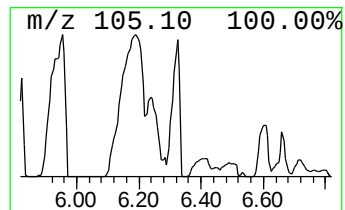
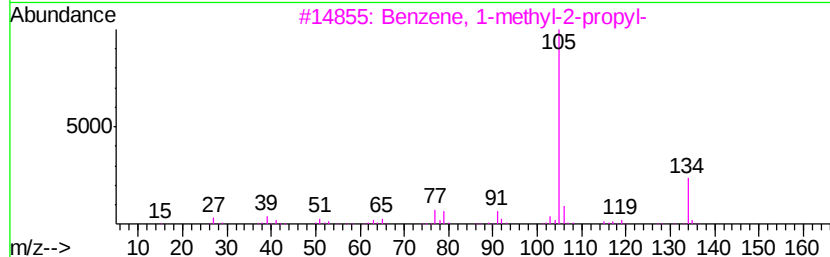
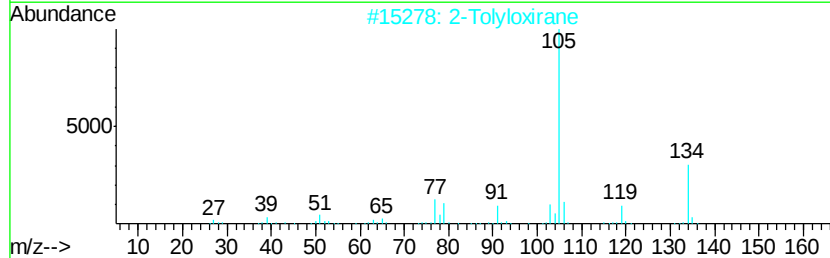
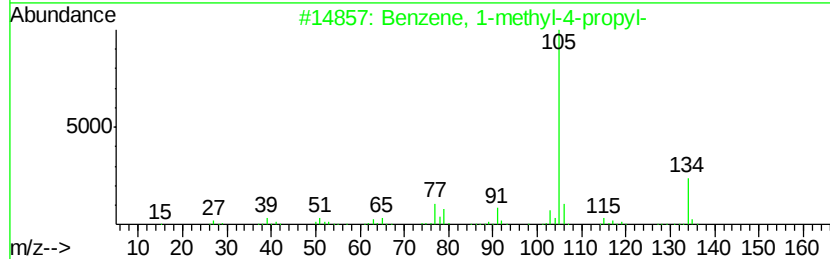
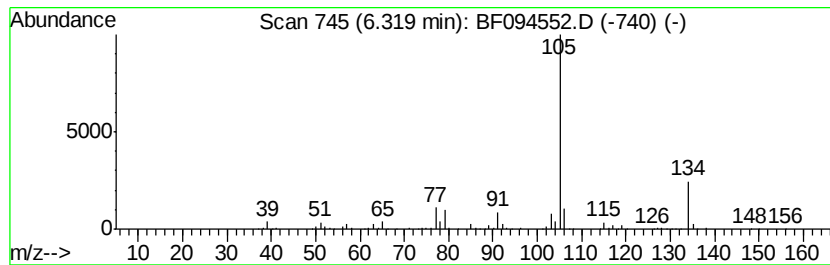
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1-methyl-4-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	54.49 ng	10799000	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		2-Tolyloxirane	134	C9H10O	002783-26-8	91
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5		2-Indanol	134	C9H10O	004254-29-9	90



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
Data File : BF094552.D
Acq On : 20 Apr 2017 18:42
Operator : SJ/MA
Sample : I2744-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-2(8-10)20170418

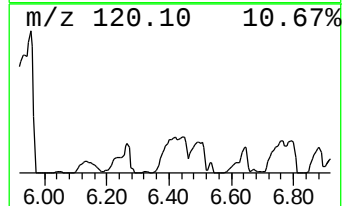
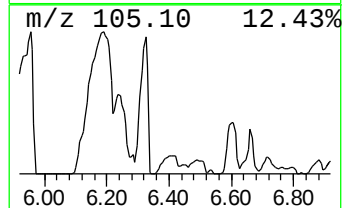
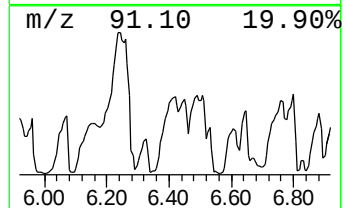
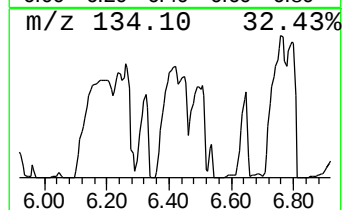
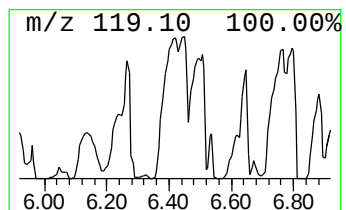
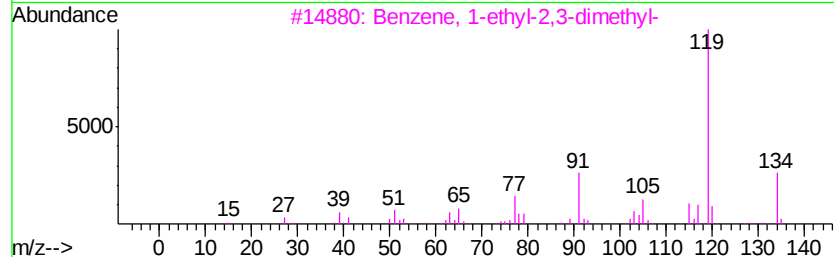
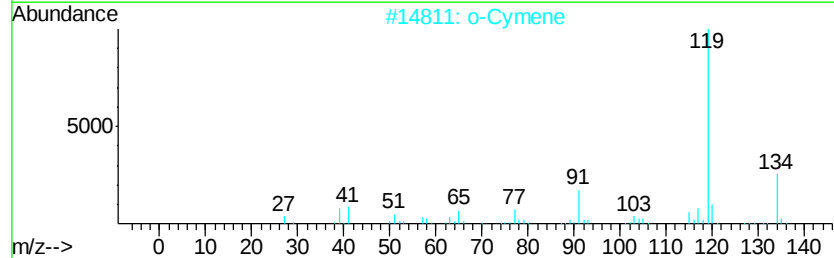
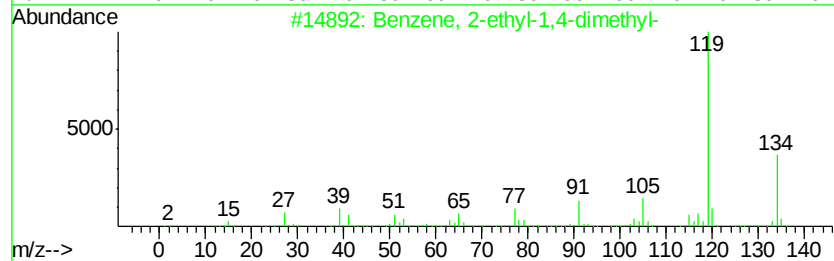
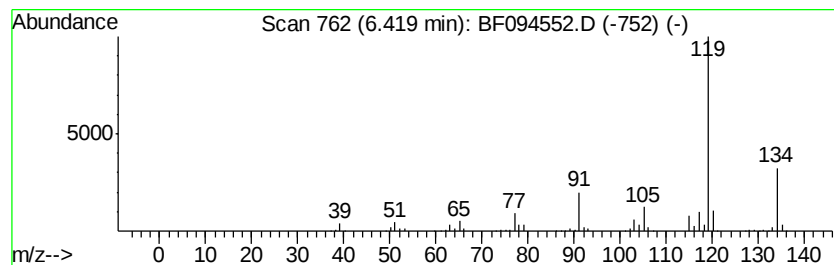
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	80.69 ng	15990200	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, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
Data File : BF094552.D
Acq On : 20 Apr 2017 18:42
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Sample : I2744-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-2(8-10)20170418

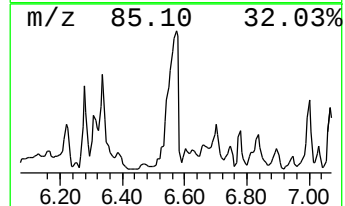
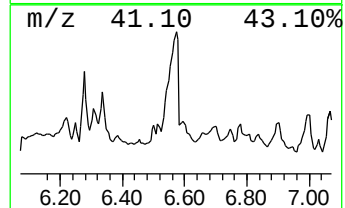
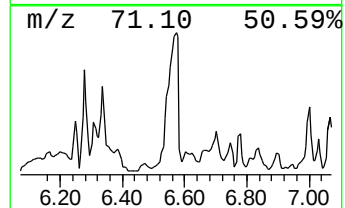
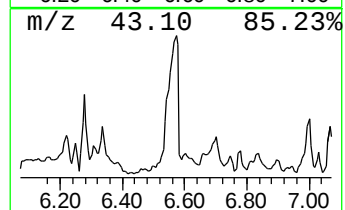
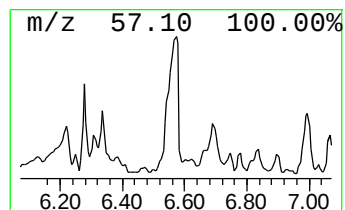
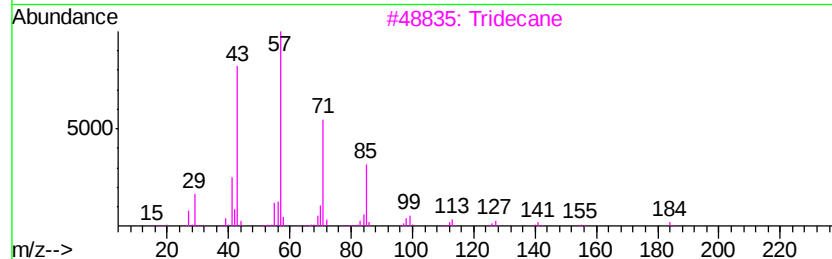
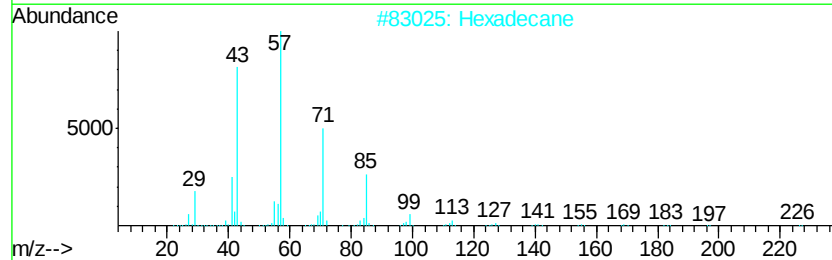
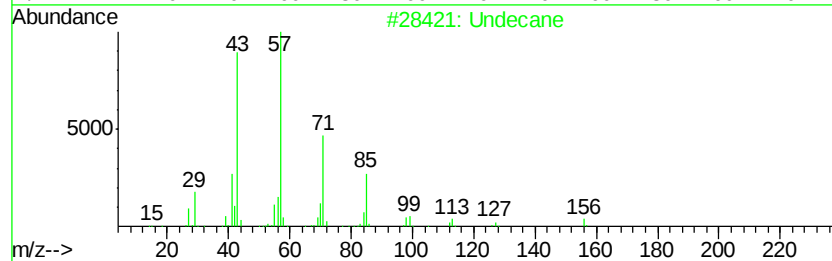
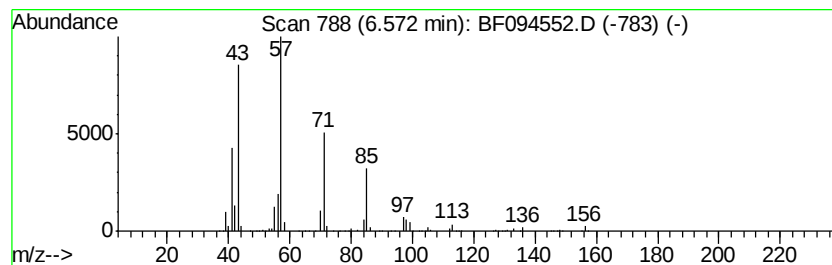
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Undecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	32.75 ng	6489570	1,4-Dichlorobenzene-d4	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	87
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tridecane	184	C13H28	000629-50-5	83
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5		Tetradecane	198	C14H30	000629-59-4	78



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
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Sample : I2744-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-2(8-10)20170418

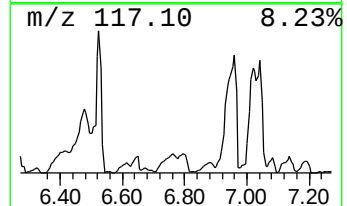
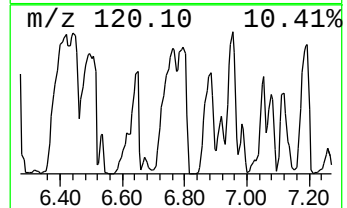
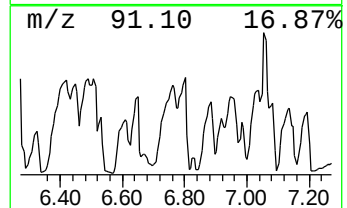
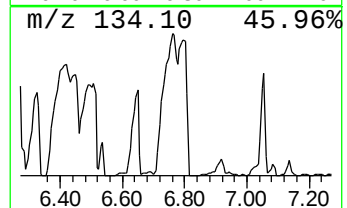
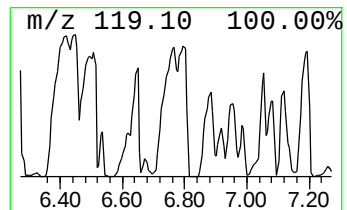
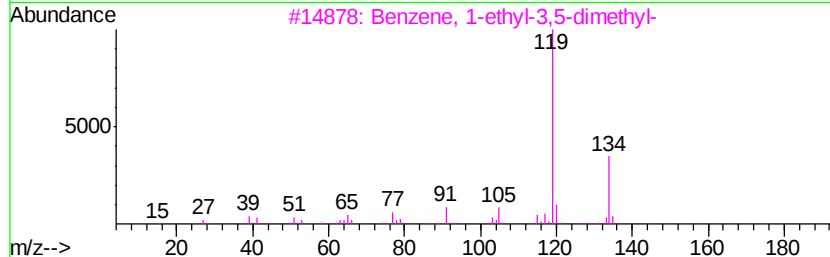
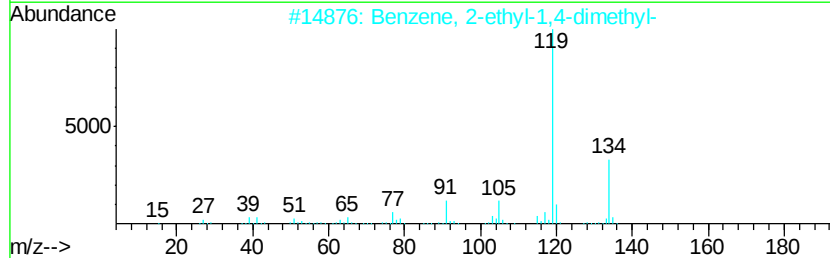
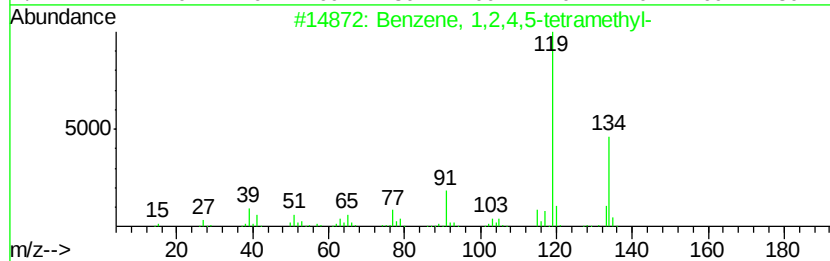
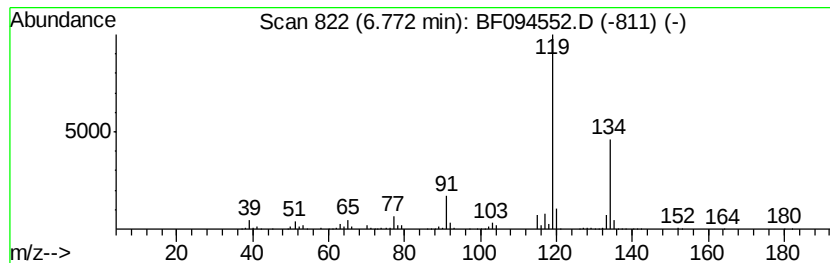
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	33.47 ng	11402100	Naphthalene-d8	7.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4		o-Cymene	134	C10H14	000527-84-4	91
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
Data File : BF094552.D
Acq On : 20 Apr 2017 18:42
Operator : SJ/MA
Sample : I2744-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-2(8-10)20170418

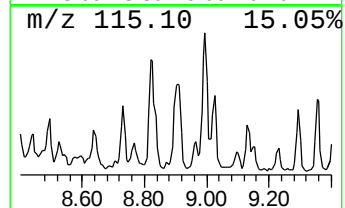
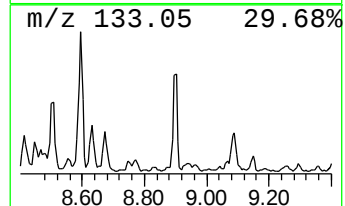
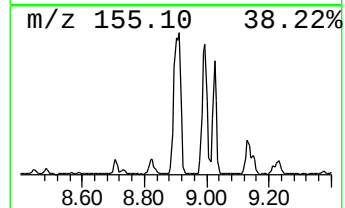
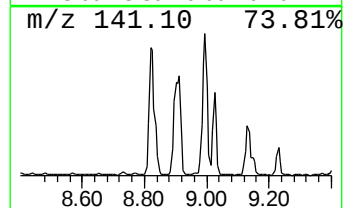
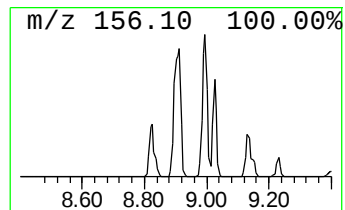
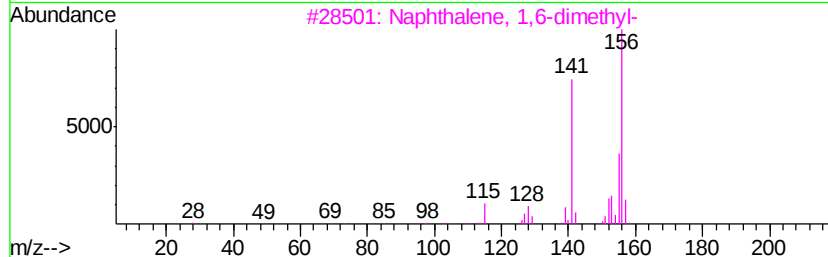
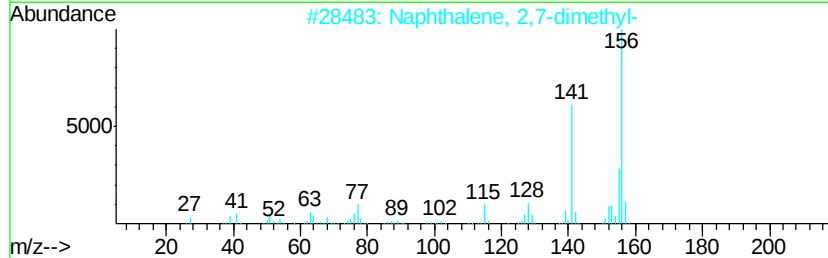
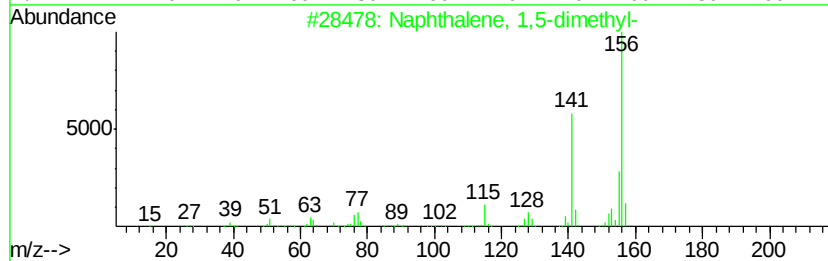
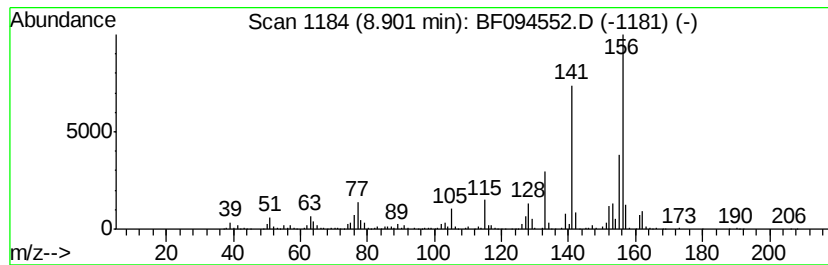
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 1,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	34.95 ng	1736490	Acenaphthene-d10	9.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
Data File : BF094552.D
Acq On : 20 Apr 2017 18:42
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Sample : I2744-01
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ALS Vial : 18 Sample Multiplier: 1

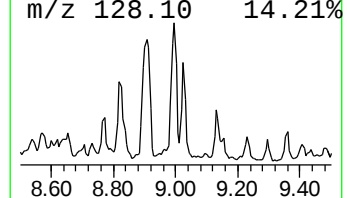
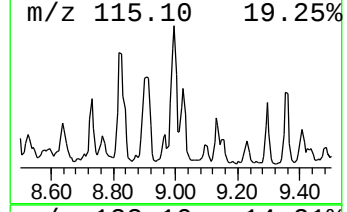
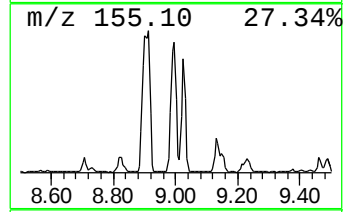
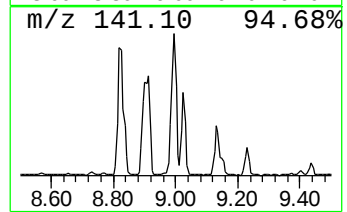
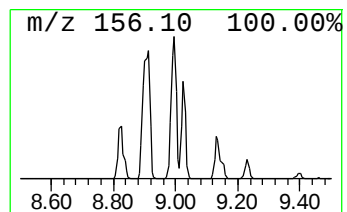
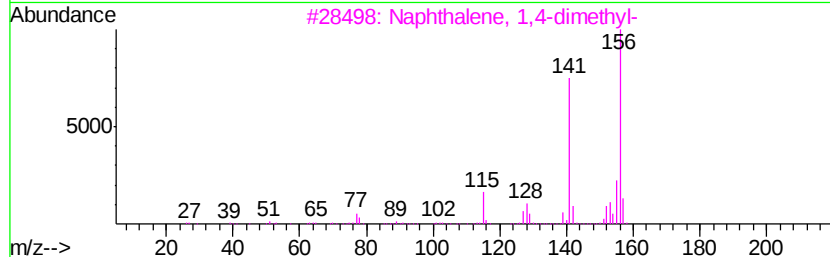
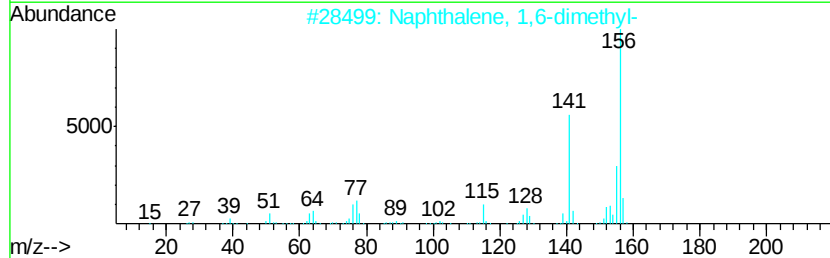
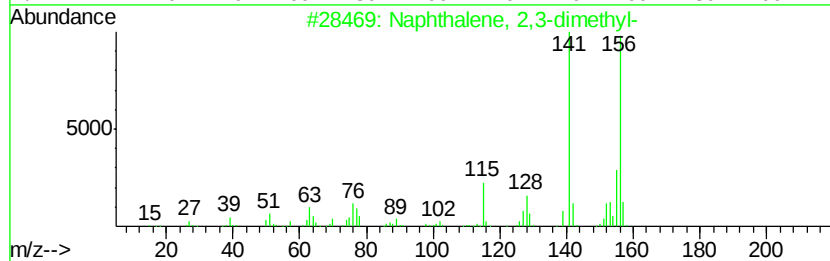
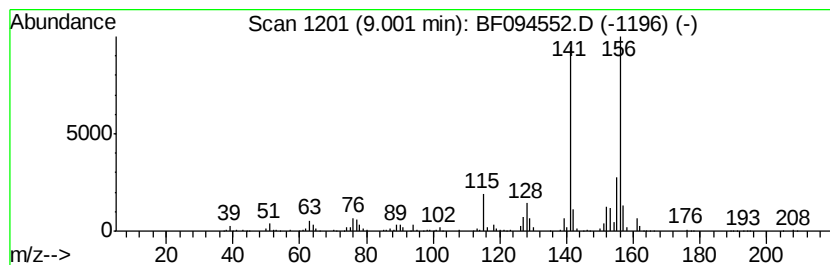
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	25.59 ng	1271710	Acenaphthene-d10	9.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042017\
 Data File : BF094552.D
 Acq On : 20 Apr 2017 18:42
 Operator : SJ/MA
 Sample : I2744-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 SB-2(8-10)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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Heptane, 3-methyl-	3.08	58.8	ng	11654200	1	5.86	3963510	20.0
Octane	3.46	114.6	ng	22707600	1	5.86	3963510	20.0
Cyclopentene, 1,2...	3.53	32.7	ng	6485540	1	5.86	3963510	20.0
unknown3.88	3.88	42.7	ng	8467680	1	5.86	3963510	20.0
Benzene, (1-methy...	4.92	63.5	ng	12573800	1	5.86	3963510	20.0
Benzene, propyl-	5.24	51.2	ng	10145000	1	5.86	3963510	20.0
Benzene, 1-ethyl-...	5.55	77.7	ng	15397700	1	5.86	3963510	20.0
Benzene, 1,2,3-tr...	5.68	71.1	ng	14082400	1	5.86	3963510	20.0
Benzene, butyl-	5.81	23.6	ng	4667230	1	5.86	3963510	20.0
Benzene, 1-methyl...	6.17	90.9	ng	18021800	1	5.86	3963510	20.0
Benzene, 1-methyl...	6.32	54.5	ng	10799000	1	5.86	3963510	20.0
Benzene, 2-ethyl-...	6.42	80.7	ng	15990200	1	5.86	3963510	20.0
Undecane	6.57	32.8	ng	6489570	1	5.86	3963510	20.0
Benzene, 1,2,4,5-...	6.77	33.5	ng	11402100	2	7.32	6813890	20.0
Naphthalene, 1,5-...	8.90	35.0	ng	1736490	3	9.40	993822	20.0
Naphthalene, 2,3-...	9.00	25.6	ng	1271710	3	9.40	993822	20.0