

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077077.D
 Acq On : 27 Jan 2015 7:07
 Operator : TP/IZ
 Sample : G1137-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 104B1B

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-BF011415.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	2.653	133	137	144	rVB2	146424	383591	1.21%	0.120%
2	3.464	203	208	213	rBV3	117297	414110	1.31%	0.129%
3	3.624	217	222	227	rVV3	238191	806343	2.55%	0.252%
4	3.727	227	231	236	rVV	203750	526651	1.67%	0.165%
5	4.184	266	271	273	rBV	141669	377985	1.20%	0.118%
6	4.242	273	276	282	rVV	151120	484519	1.53%	0.151%
7	4.470	290	296	298	rBV	226673	638076	2.02%	0.199%
8	4.527	298	301	303	rVV2	162425	427432	1.35%	0.134%
9	4.607	303	308	313	rVV	1049187	3601864	11.39%	1.126%
10	4.687	313	315	320	rVB	460778	969357	3.07%	0.303%
11	4.802	320	325	331	rBV	420160	1085497	3.43%	0.339%
12	4.973	336	340	342	rBV2	160696	448694	1.42%	0.140%
13	5.087	346	350	353	rVV	320104	796812	2.52%	0.249%
14	5.167	353	357	369	rVB2	799689	2324298	7.35%	0.727%
15	5.545	386	390	394	rVB3	337068	807731	2.55%	0.252%
16	5.625	394	397	402	rVB2	137037	358674	1.13%	0.112%
17	5.819	409	414	419	rVV4	335356	1258475	3.98%	0.393%
18	5.967	424	427	432	rVV2	257241	696978	2.20%	0.218%
19	6.093	432	438	441	rVV2	566369	1741505	5.51%	0.544%
20	6.196	441	447	451	rVV	1035858	2867602	9.07%	0.896%
21	6.299	451	456	459	rVV	696797	1876438	5.93%	0.587%
22	6.436	463	468	471	rVB3	187920	503543	1.59%	0.157%
23	6.573	476	480	482	rBV2	142907	406677	1.29%	0.127%
24	6.630	482	485	487	rBV	276542	668673	2.11%	0.209%
25	6.676	487	489	491	rVB	265116	432773	1.37%	0.135%
26	6.756	491	496	498	rBV	1597450	3830326	12.11%	1.197%
27	6.802	498	500	504	rVB2	1237242	2581314	8.16%	0.807%
28	6.882	504	507	509	rBV2	413360	917709	2.90%	0.287%
29	6.939	509	512	514	rVB	1009017	1913577	6.05%	0.598%
30	7.008	514	518	522	rVB2	976692	2193685	6.94%	0.686%
31	7.099	522	526	531	rVB	1195242	2800345	8.86%	0.875%
32	7.248	531	539	540	rBV3	748813	2637717	8.34%	0.824%
33	7.328	544	546	549	rVB2	312377	608078	1.92%	0.190%
34	7.442	549	556	559	rBV	3089195	8410414	26.60%	2.629%

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35	7.488	559	560	565	rVB	426178	705868	2.23%	0.221%
36	7.716	574	580	583	rBV4	394079	1338611	4.23%	0.418%
37	7.933	595	599	602	rBV	1955119	4333587	13.71%	1.355%
38	8.013	602	606	610	rVB2	1526564	3258803	10.31%	1.019%
39	8.105	612	614	617	rVB3	331595	692940	2.19%	0.217%
40	8.173	617	620	623	rBV	1107547	2349563	7.43%	0.734%
41	8.231	623	625	628	rVB2	468384	870686	2.75%	0.272%
42	8.299	628	631	635	rVB4	480456	1254592	3.97%	0.392%
43	8.368	635	637	640	rVB2	264682	477472	1.51%	0.149%
44	8.436	640	643	646	rBV3	488526	972615	3.08%	0.304%
45	8.505	646	649	654	rBV	1052664	2496524	7.90%	0.780%
46	8.631	654	660	664	rBV2	2506182	6868758	21.72%	2.147%
47	8.699	664	666	668	rVB	732380	1198980	3.79%	0.375%
48	8.756	668	671	680	rVB2	1007297	3816087	12.07%	1.193%
49	8.882	680	682	685	rBV	394244	818365	2.59%	0.256%
50	8.951	685	688	689	rBV	744479	1498583	4.74%	0.468%
51	8.996	689	692	699	rVB2	1085600	3199410	10.12%	1.000%
52	9.111	699	702	709	rBV2	1894524	5627016	17.80%	1.759%
53	9.305	717	719	723	rBV4	218172	723003	2.29%	0.226%
54	9.396	723	727	736	rVV5	1117072	5466043	17.29%	1.709%
55	9.636	741	748	751	rBV4	1199457	4867341	15.39%	1.521%
56	9.705	751	754	762	rVB	1465759	5192373	16.42%	1.623%
57	9.876	766	769	773	rVV3	571709	1381232	4.37%	0.432%
58	10.036	779	783	784	rBV2	534559	1480495	4.68%	0.463%
59	10.162	791	794	796	rBV2	632088	1420086	4.49%	0.444%
60	10.208	796	798	800	rVV	498812	1038133	3.28%	0.324%
61	10.825	840	852	859	rBV4	2659191	19366767	61.25%	6.054%
62	11.259	882	890	893	rBV2	1525863	6766182	21.40%	2.115%
63	12.540	983	1002	1007	rBV3	4368492	31620067	100.00%	9.884%
64	12.745	1011	1020	1023	rBV2	2732315	13143816	41.57%	4.108%
65	13.580	1085	1093	1103	rVB2	3010418	16321821	51.62%	5.102%
66	14.665	1183	1188	1194	rVB2	2804703	12126212	38.35%	3.790%
67	15.797	1279	1287	1289	rBV2	3300225	13451572	42.54%	4.205%
68	16.334	1329	1334	1339	rVB6	1670417	5580654	17.65%	1.744%
69	16.677	1359	1364	1368	rBV2	3321136	11671514	36.91%	3.648%
70	17.157	1400	1406	1410	rBV	5605994	18423854	58.27%	5.759%
71	17.569	1438	1442	1446	rBV5	1869529	5569175	17.61%	1.741%

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72	17.843	1462	1466	1470	rVB	4532649	10012689	31.67%	3.130%
73	18.323	1506	1508	1513	rVB3	2546207	5154009	16.30%	1.611%
74	18.483	1519	1522	1524	rBV	1845741	3457765	10.94%	1.081%
75	18.529	1524	1526	1528	rVV	2027450	2671370	8.45%	0.835%
76	18.632	1532	1535	1536	rBV	1014649	2105929	6.66%	0.658%
77	18.803	1548	1550	1554	rVB2	1505708	2726637	8.62%	0.852%
78	18.986	1564	1566	1567	rBV	778709	928428	2.94%	0.290%
79	19.089	1573	1575	1577	rBV	1180473	2417453	7.65%	0.756%
80	19.134	1577	1579	1583	rVB	1740788	4192636	13.26%	1.311%
81	19.237	1584	1588	1590	rBV	2425759	5324090	16.84%	1.664%
82	19.340	1595	1597	1599	rVB	1337660	1951209	6.17%	0.610%
83	19.672	1624	1626	1630	rVB2	1303570	2312952	7.31%	0.723%
84	19.763	1632	1634	1636	rVV	1051429	1690353	5.35%	0.528%
85	19.809	1636	1638	1642	rVB2	1350540	2108980	6.67%	0.659%
86	19.935	1647	1649	1655	rVV2	1335477	2703627	8.55%	0.845%
87	20.026	1655	1657	1659	rVB	770911	1072072	3.39%	0.335%
88	20.380	1686	1688	1690	rVB	508411	557326	1.76%	0.174%
89	21.135	1752	1754	1756	rBV2	174564	344221	1.09%	0.108%

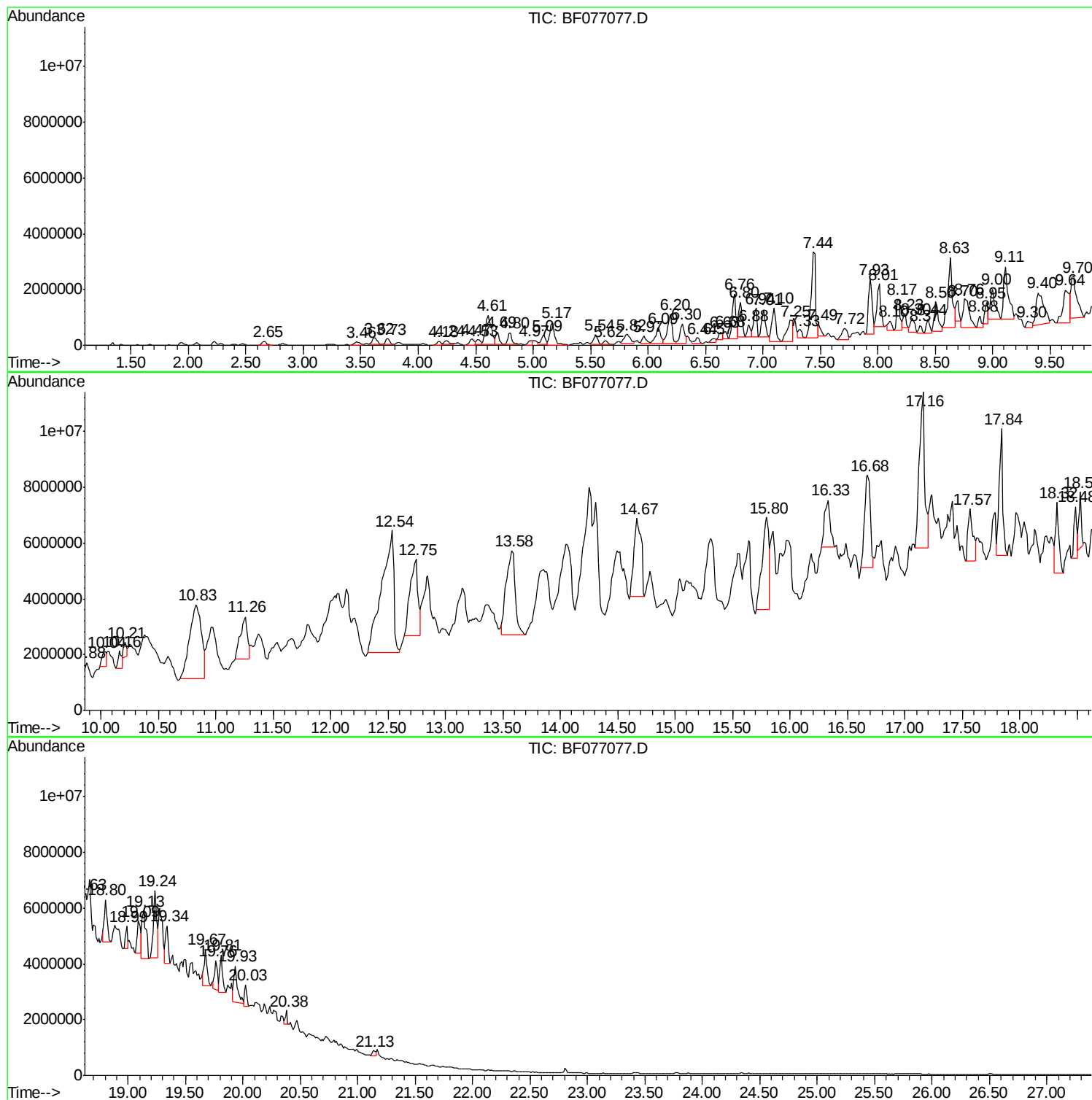
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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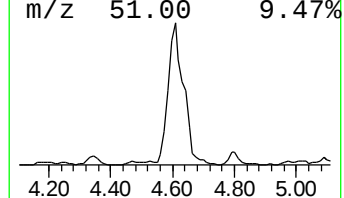
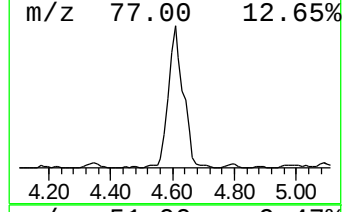
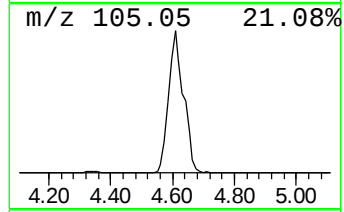
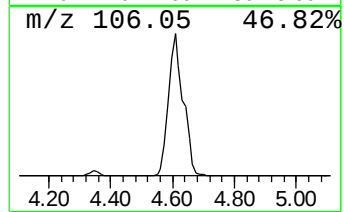
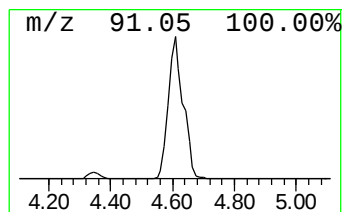
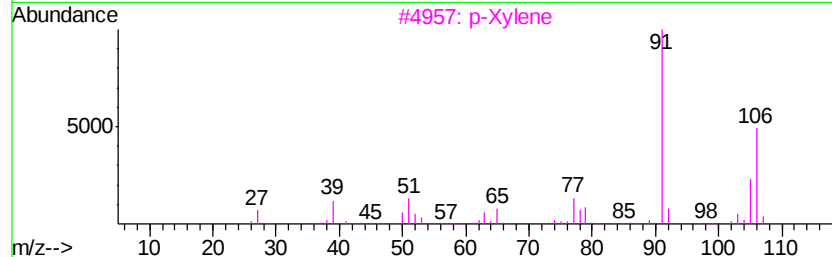
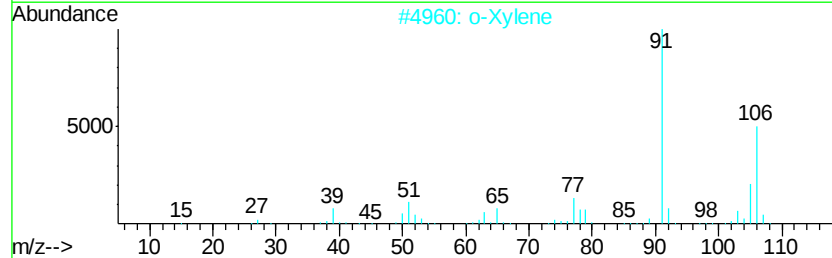
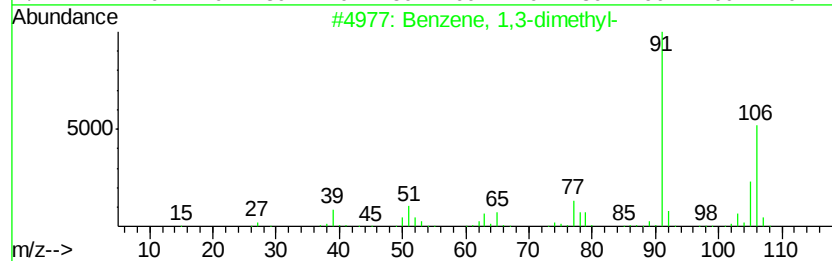
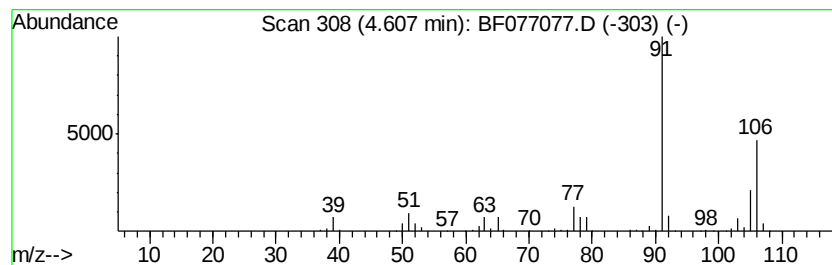
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.61	53.81 ng	3601860	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2			o-Xylene	106	C8H10	000095-47-6	97
3			p-Xylene	106	C8H10	000106-42-3	97
4			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5			Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	87



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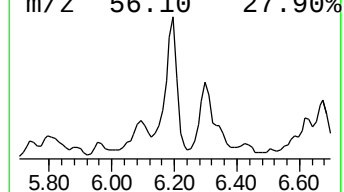
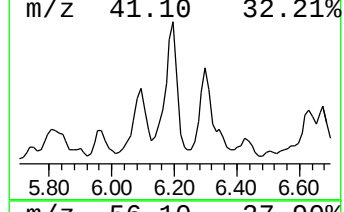
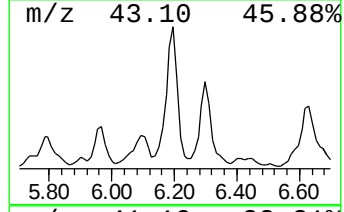
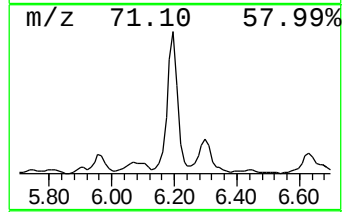
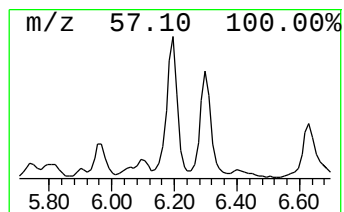
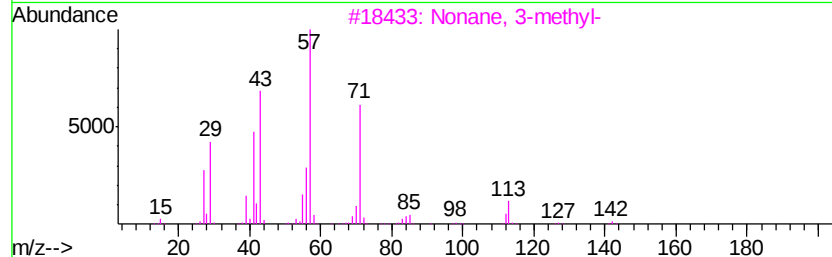
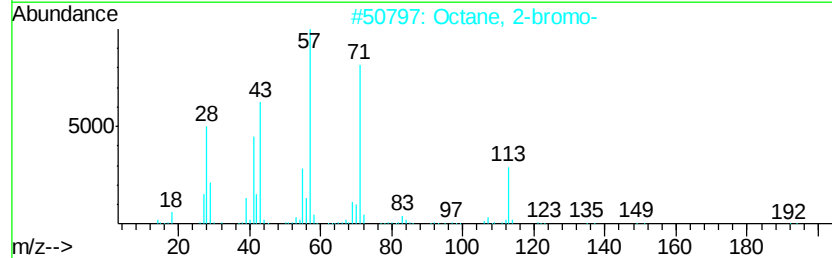
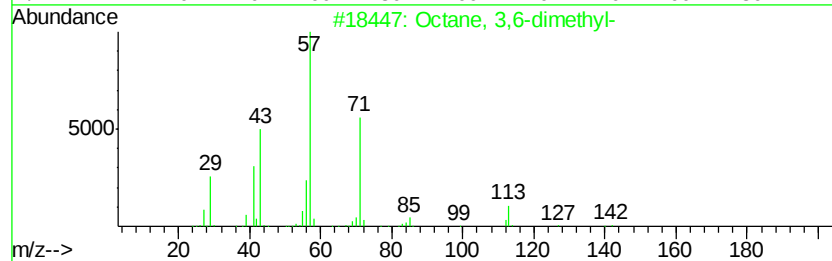
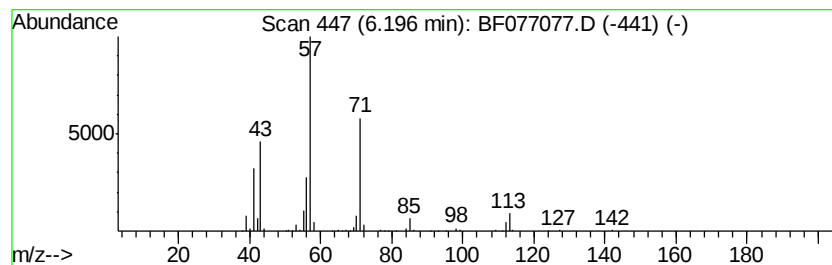
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octane, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	42.84 ng	2867600	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
2		Octane, 2-bromo-	192	C8H17Br	000557-35-7	59
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	56
4		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	53
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53



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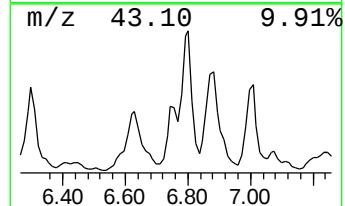
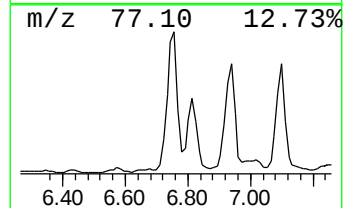
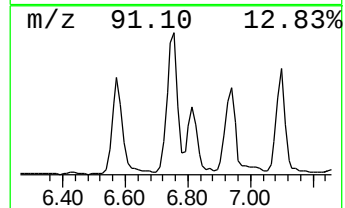
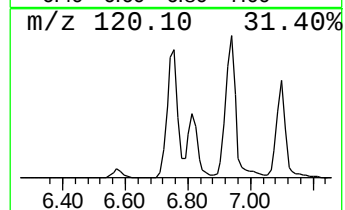
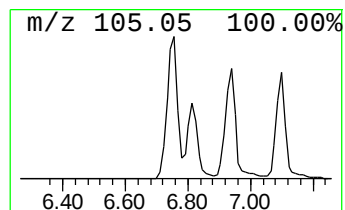
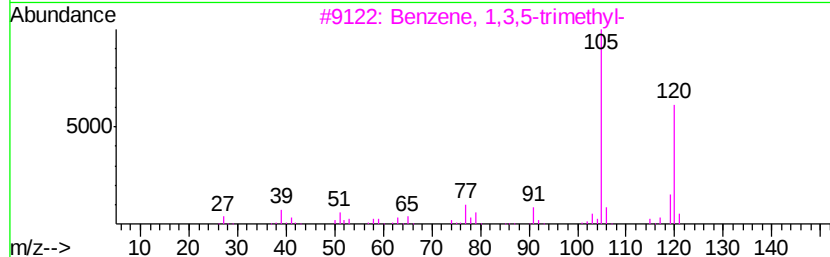
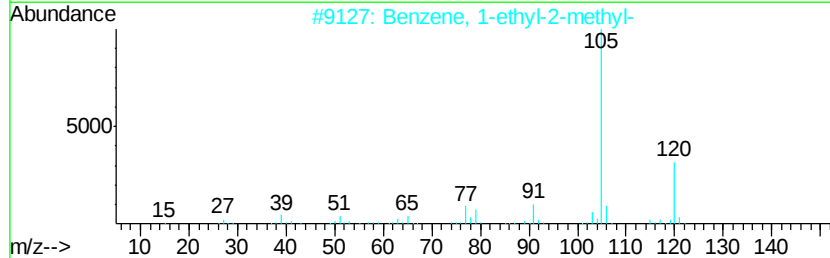
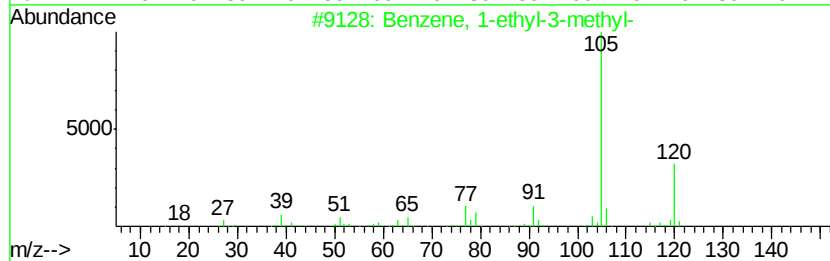
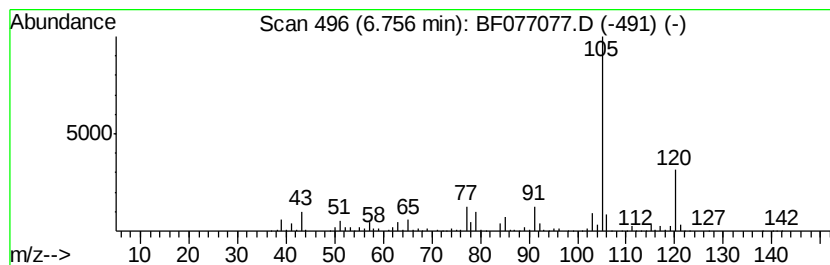
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	57.23 ng	3830330	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87



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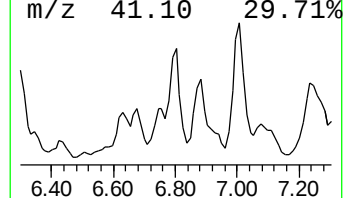
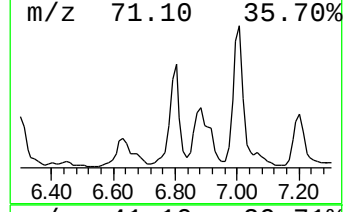
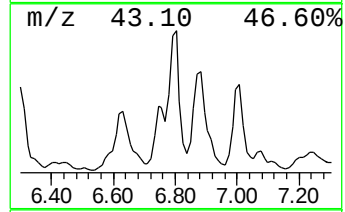
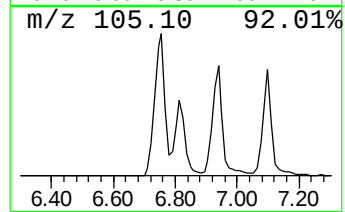
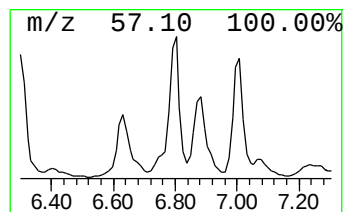
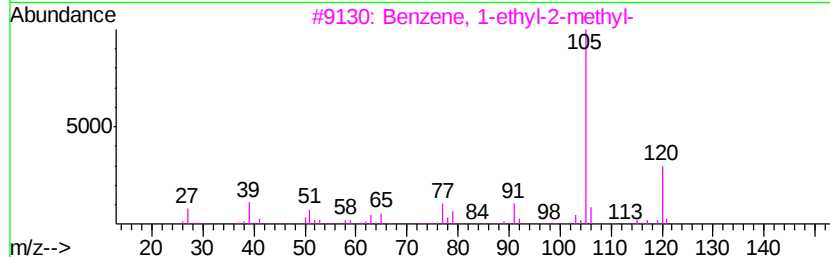
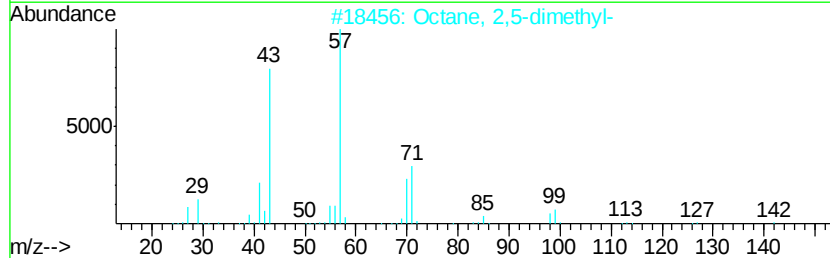
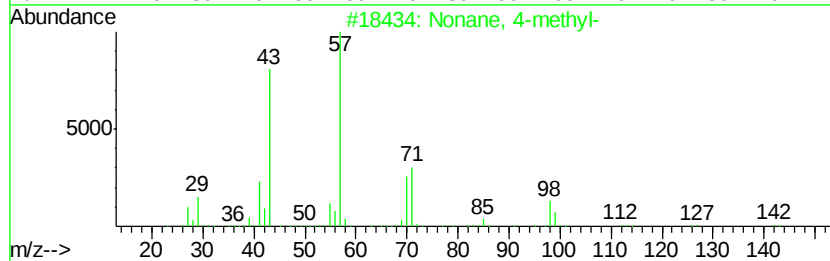
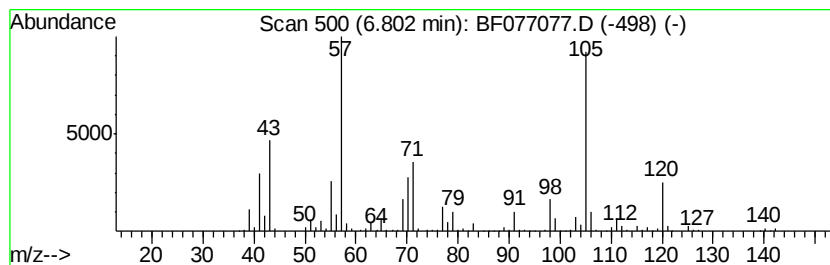
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.80 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	38.57 ng	2581310	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	46
2		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	43
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	42
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	42
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077077.D
Acq On : 27 Jan 2015 7:07
Operator : TP/IZ
Sample : G1137-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

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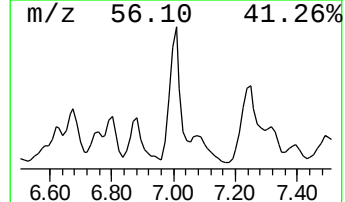
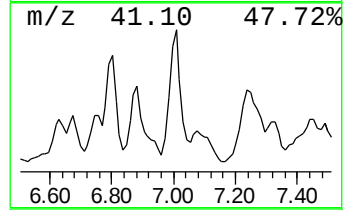
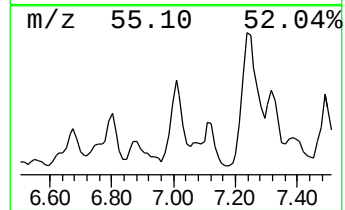
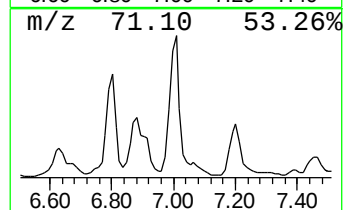
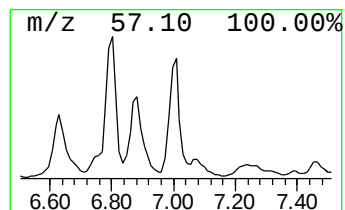
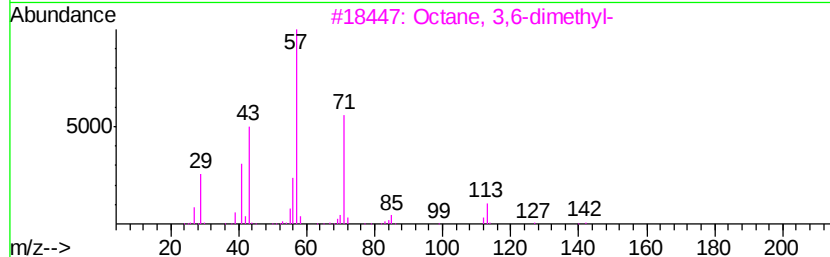
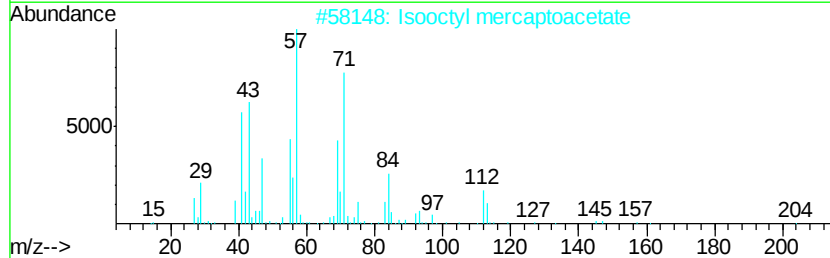
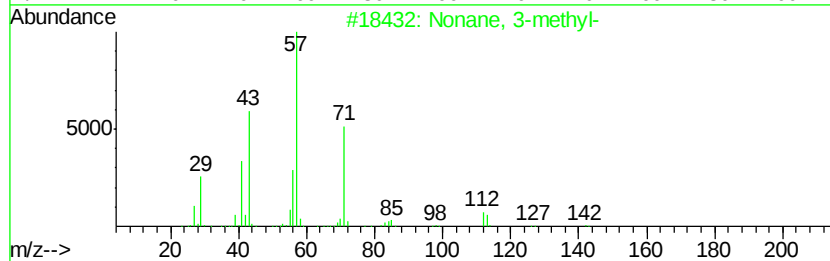
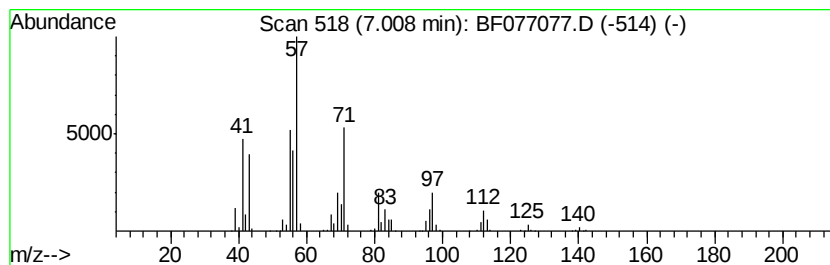
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	32.78 ng	2193690	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	49
2		Isooctyl mercaptoacetate	204	C10H20O2S	025103-09-7	47
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
4		1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	38
5		Tetracosane	338	C24H50	000646-31-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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Acq On : 27 Jan 2015 7:07
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Misc :
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ClientSampleId :
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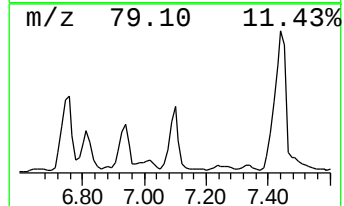
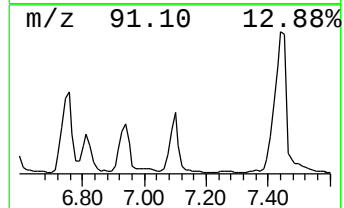
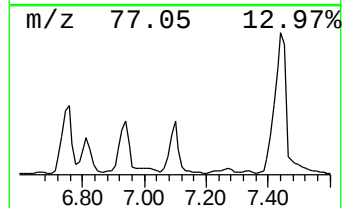
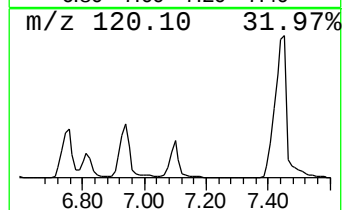
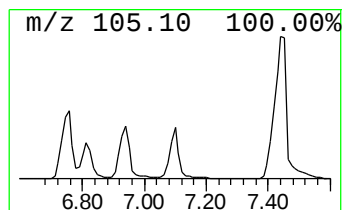
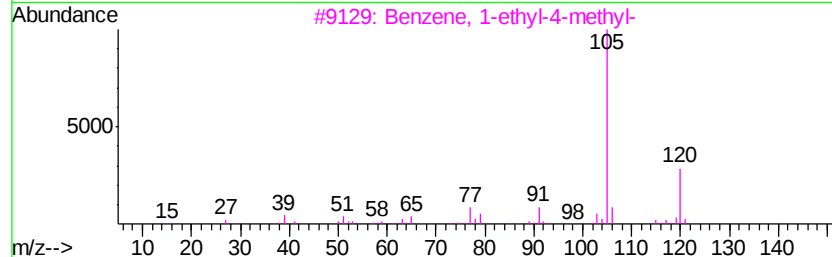
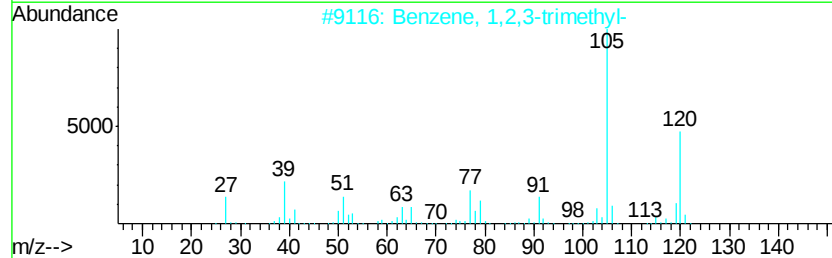
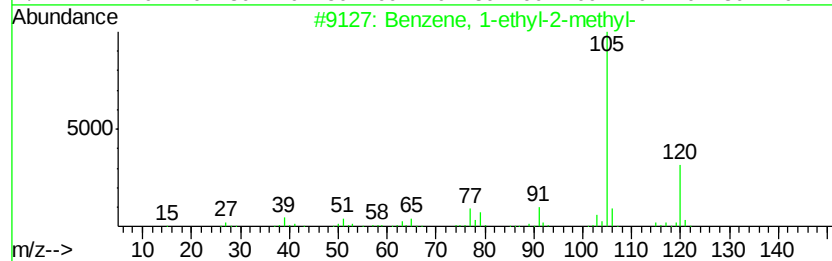
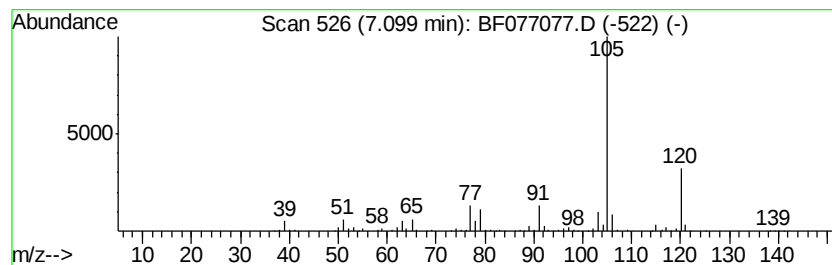
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	41.84 ng	2800350	1,4-Dichlorobenzene-d4	7.78

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077077.D
Acq On : 27 Jan 2015 7:07
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Sample : G1137-02
Misc :
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Instrument :
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ClientSampleId :
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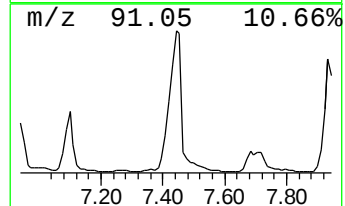
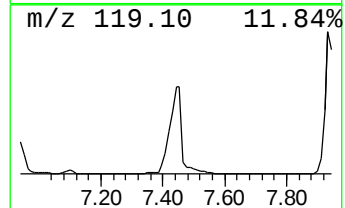
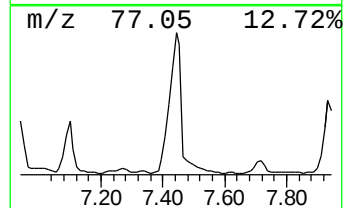
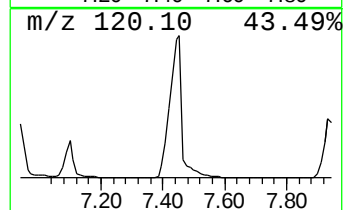
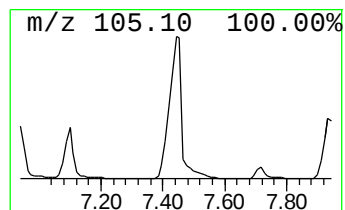
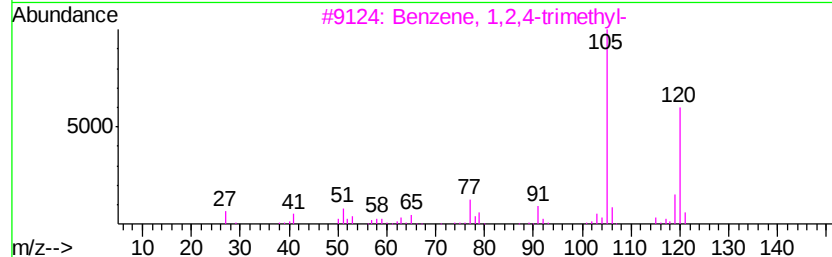
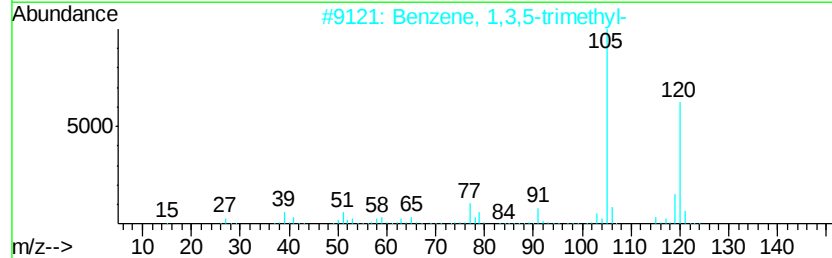
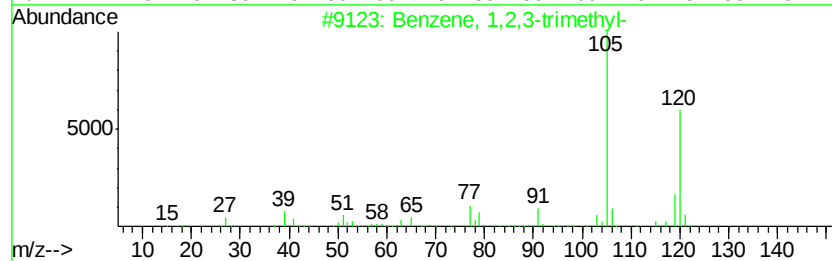
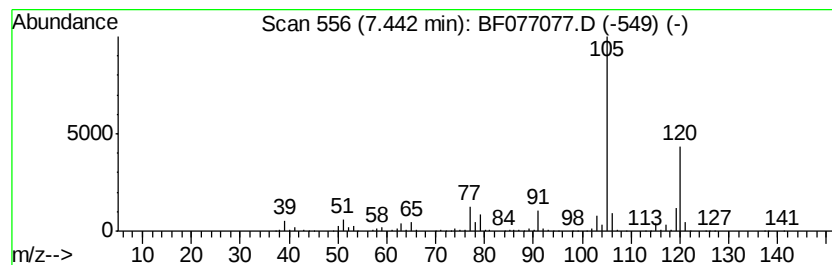
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	125.66 ng	8410410	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
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\BF012615\
Data File : BF077077.D
Acq On : 27 Jan 2015 7:07
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Misc :
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Instrument :
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ClientSampleId :
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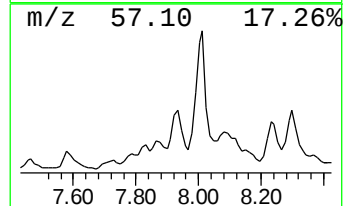
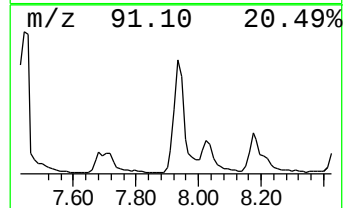
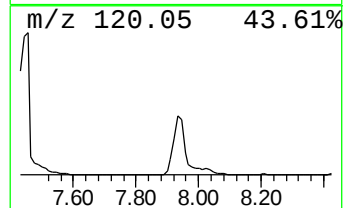
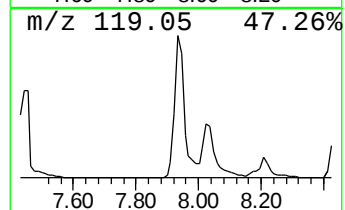
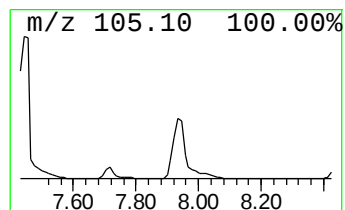
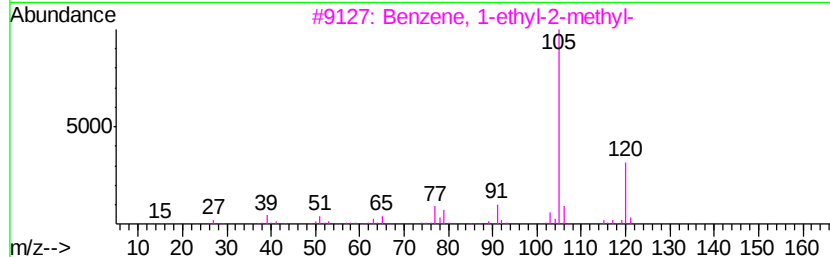
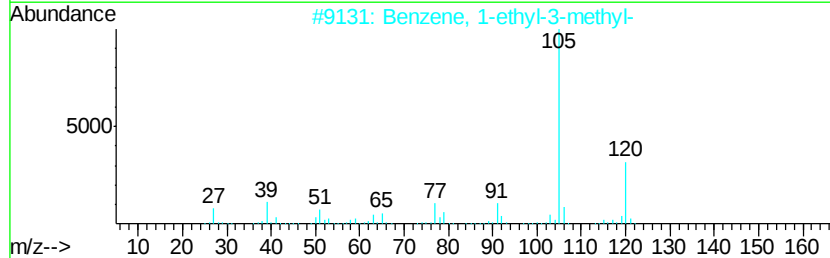
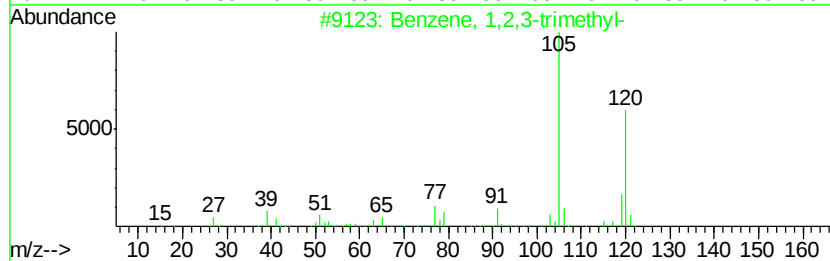
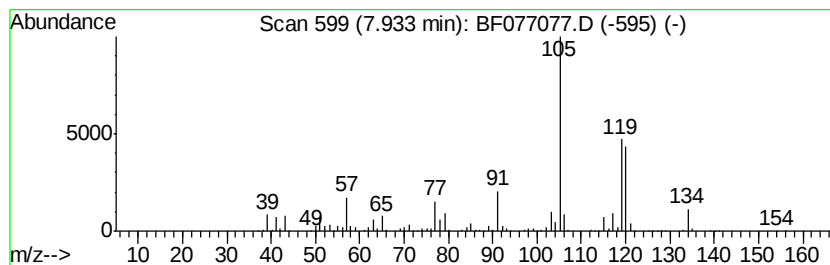
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,3,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	64.75 ng	4333590	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	60
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	58
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077077.D
Acq On : 27 Jan 2015 7:07
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Sample : G1137-02
Misc :
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Instrument :
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ClientSampleId :
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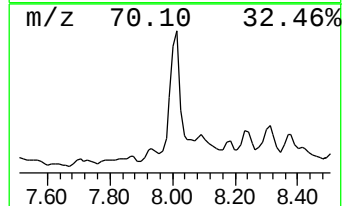
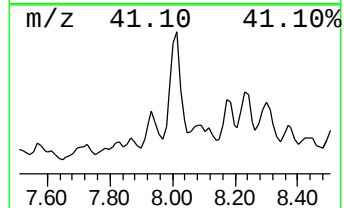
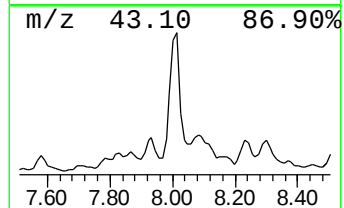
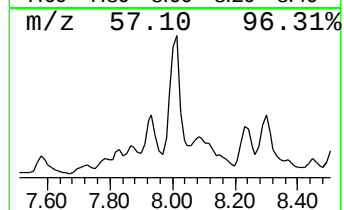
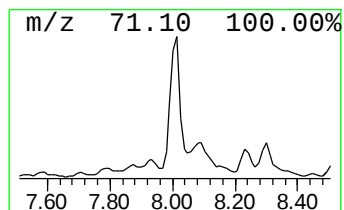
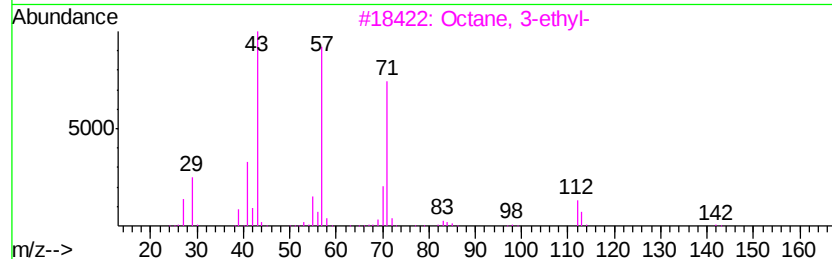
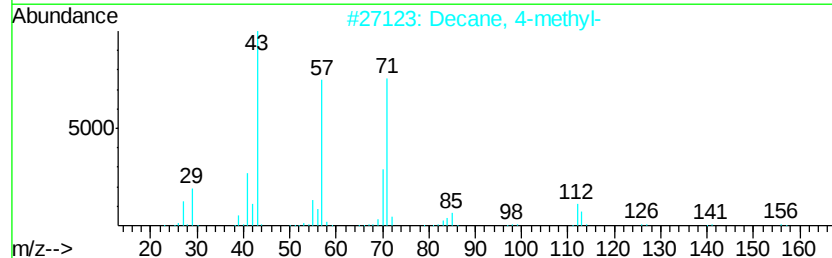
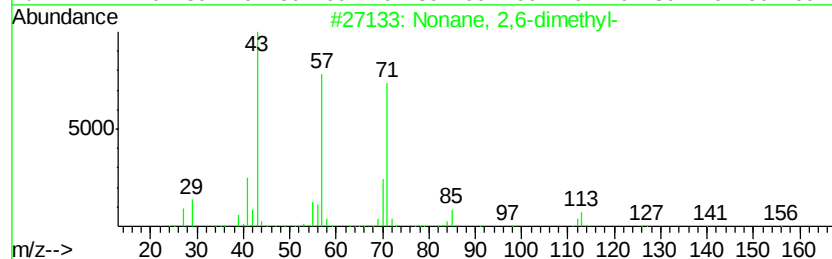
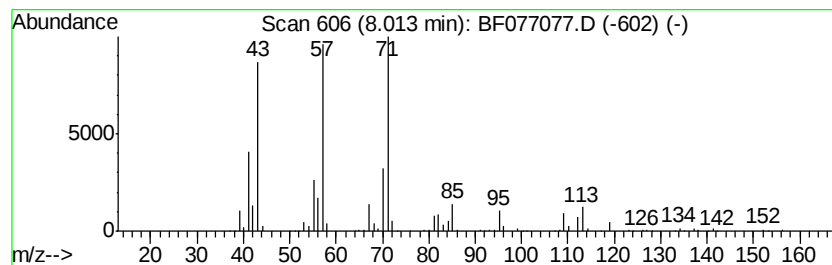
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	48.69 ng	3258800	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
2		Decane, 4-methyl-	156	C11H24	002847-72-5	64
3		Octane, 3-ethyl-	142	C10H22	005881-17-4	59
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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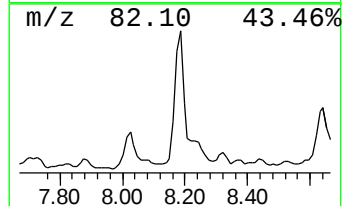
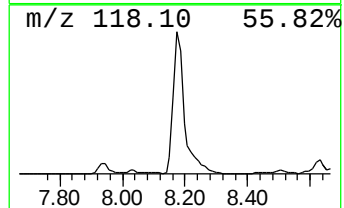
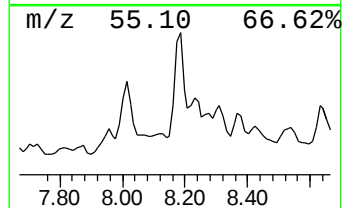
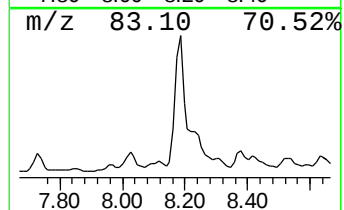
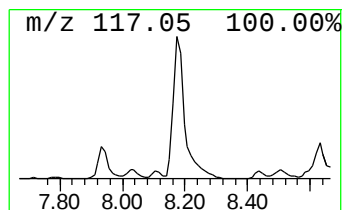
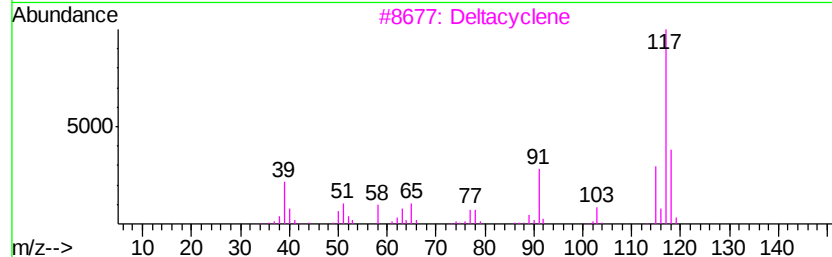
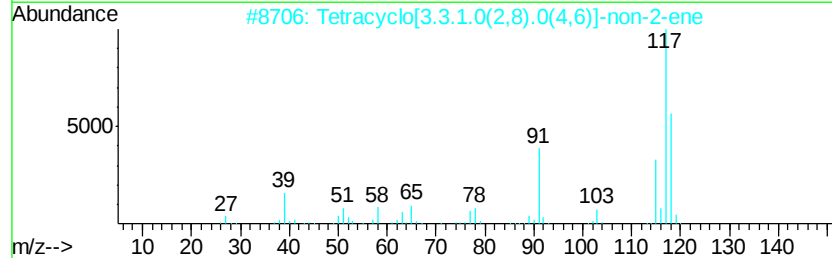
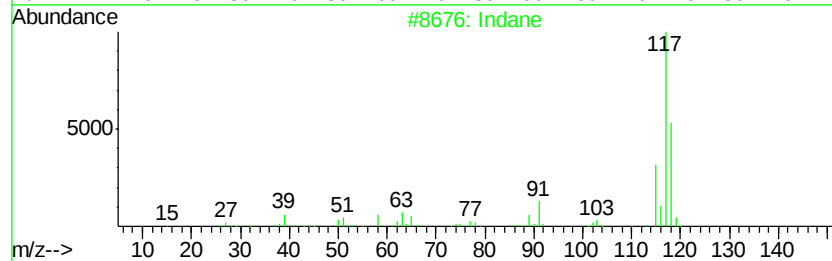
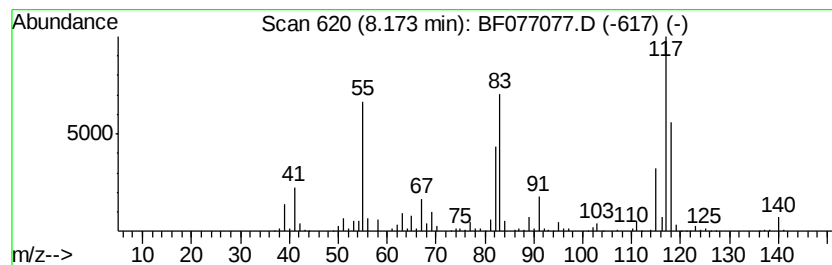
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Indane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	35.10 ng	2349560	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	87
2		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	55
3		Deltacyclene	118	C9H10	007785-10-6	45
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	43
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	43



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Data File : BF077077.D
Acq On : 27 Jan 2015 7:07
Operator : TP/IZ
Sample : G1137-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

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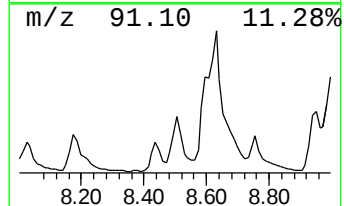
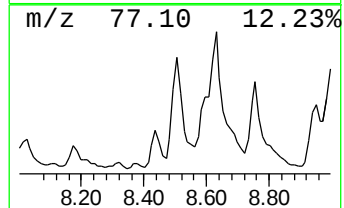
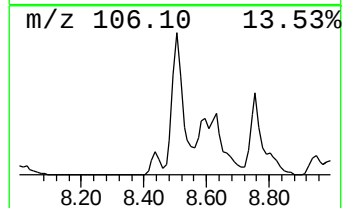
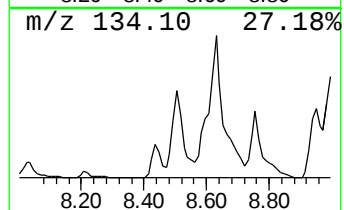
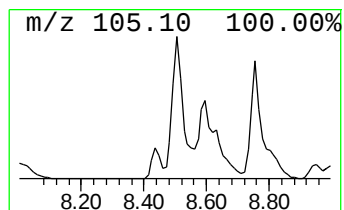
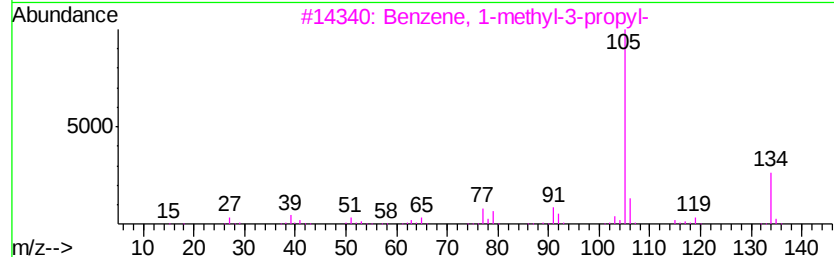
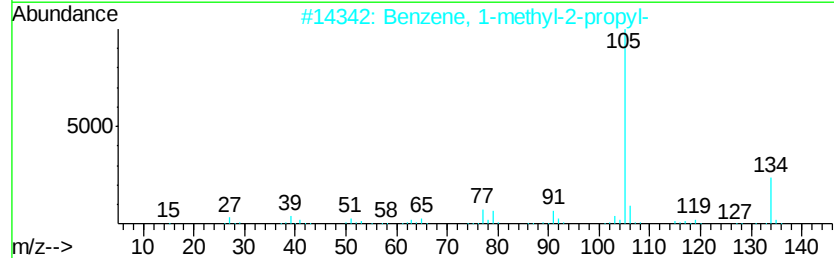
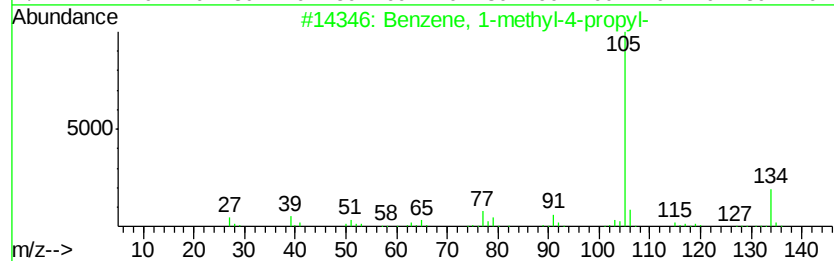
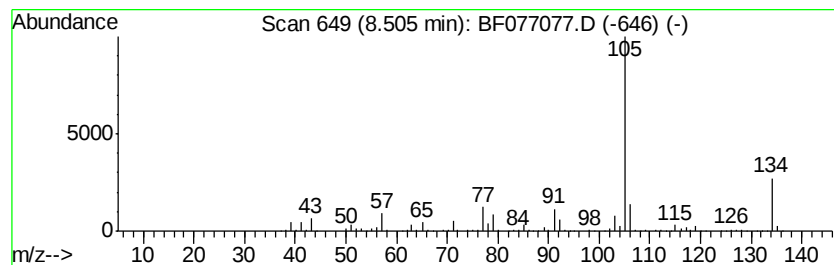
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-methyl-4-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	37.30 ng	2496520	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5		Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077077.D
Acq On : 27 Jan 2015 7:07
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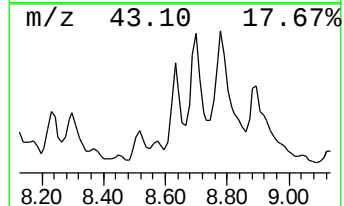
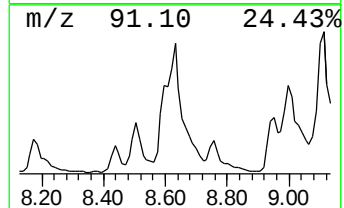
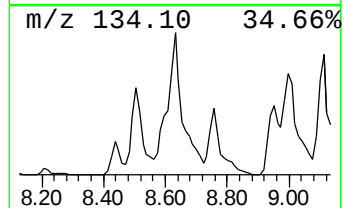
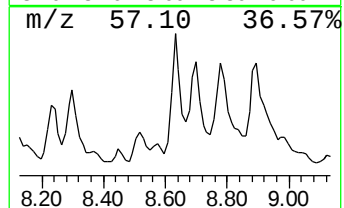
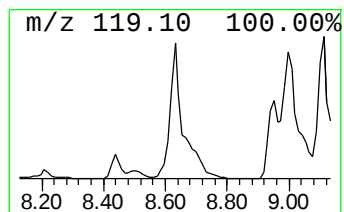
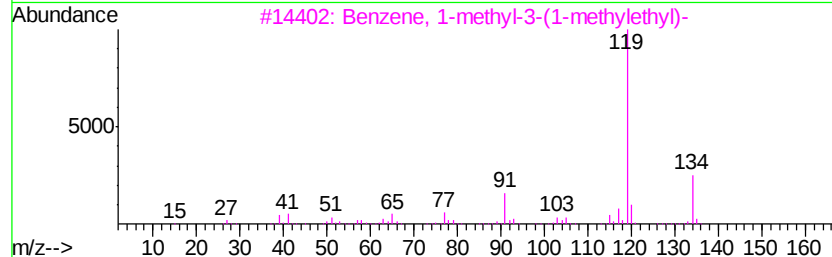
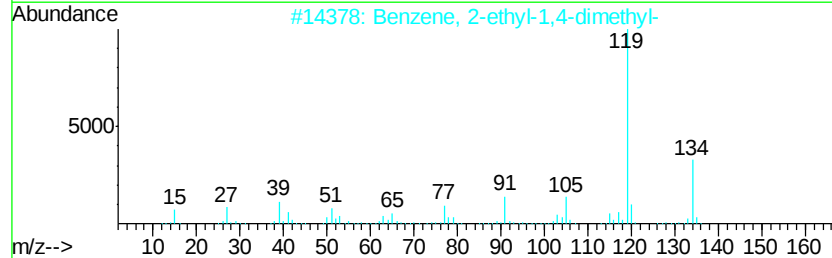
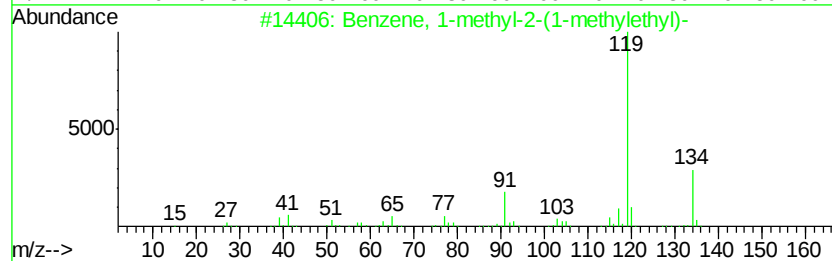
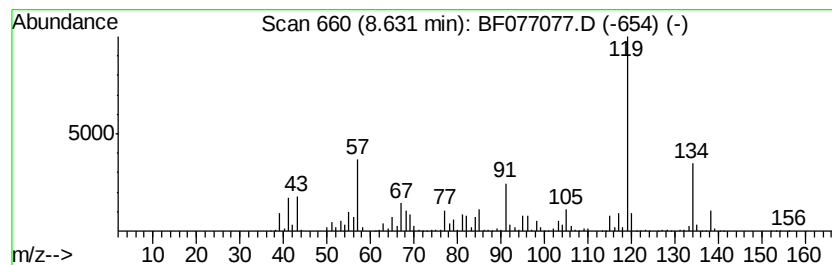
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1-methyl-2-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	102.63 ng	6868760	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077077.D
Acq On : 27 Jan 2015 7:07
Operator : TP/IZ
Sample : G1137-02
Misc :
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ClientSampleId :
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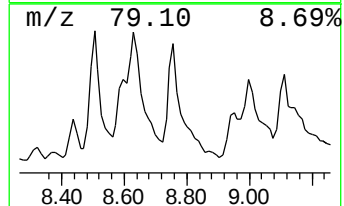
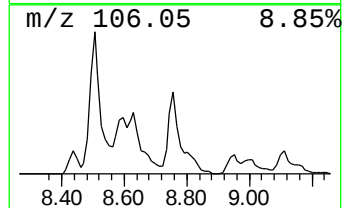
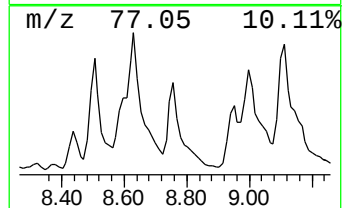
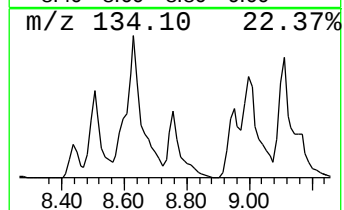
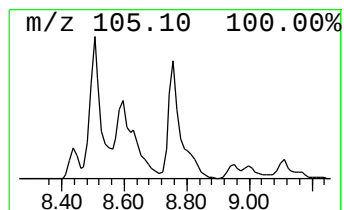
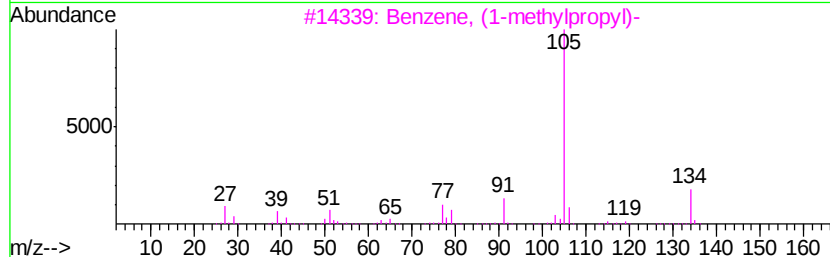
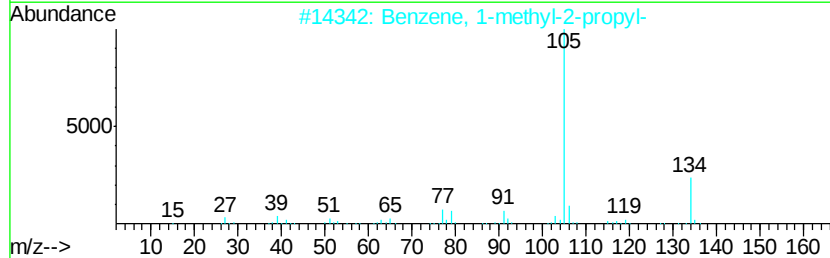
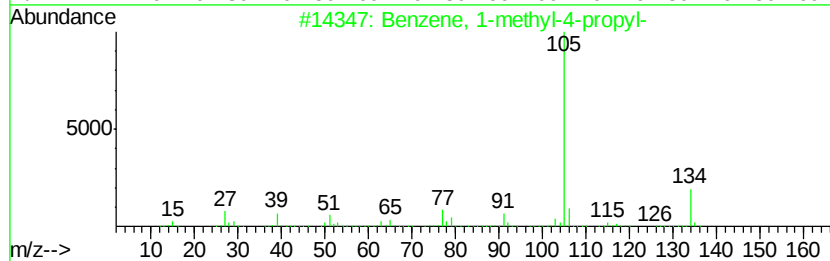
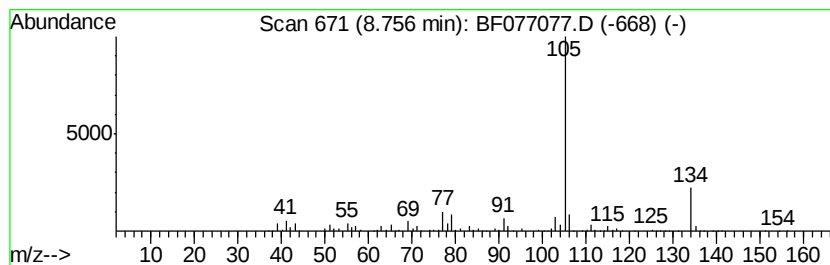
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1-methyl-2-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	57.02 ng	3816090	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72
5		Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077077.D
Acq On : 27 Jan 2015 7:07
Operator : TP/IZ
Sample : G1137-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

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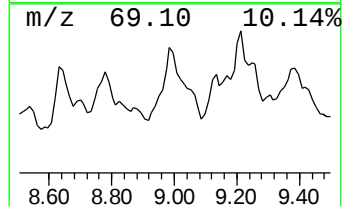
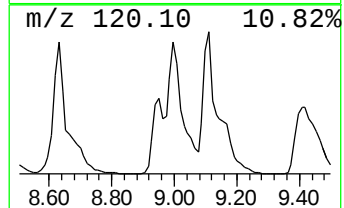
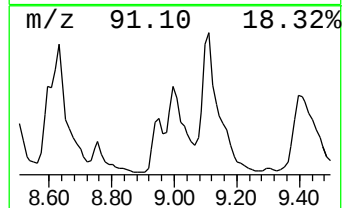
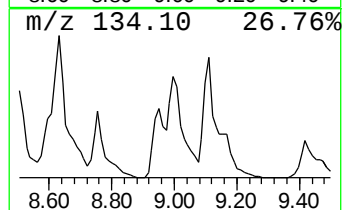
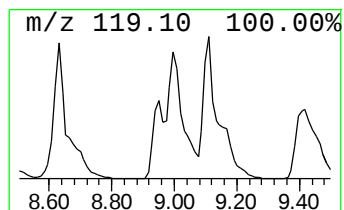
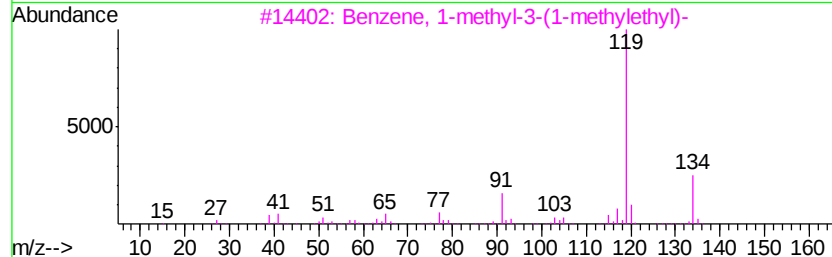
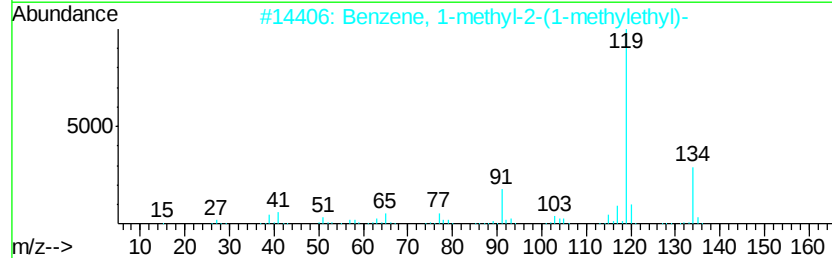
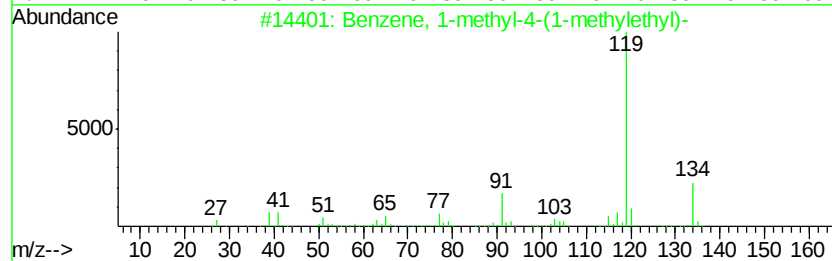
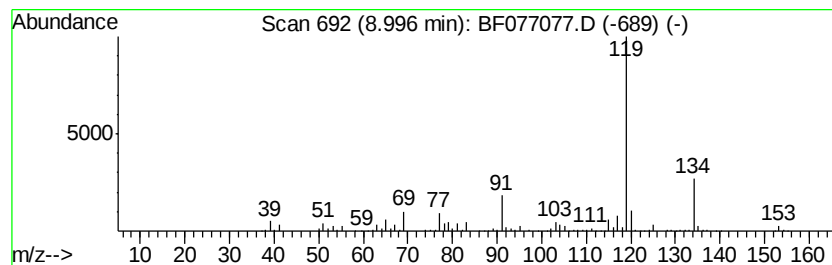
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1-methyl-4-(1-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	47.80 ng	3199410	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
2		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077077.D
Acq On : 27 Jan 2015 7:07
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ClientSampleId :
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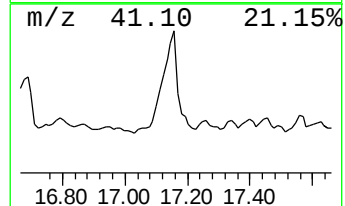
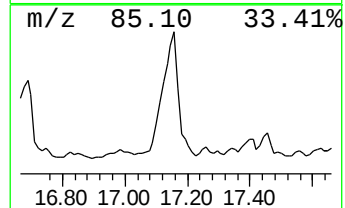
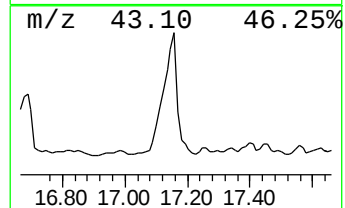
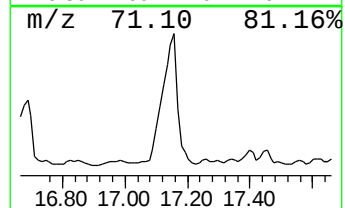
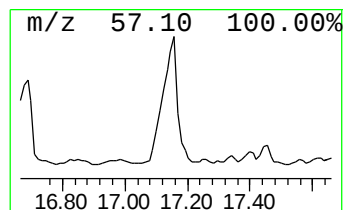
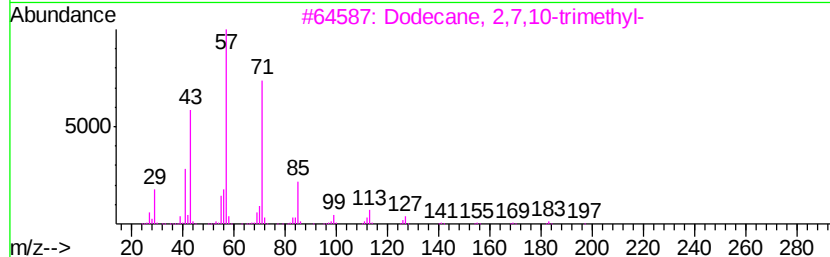
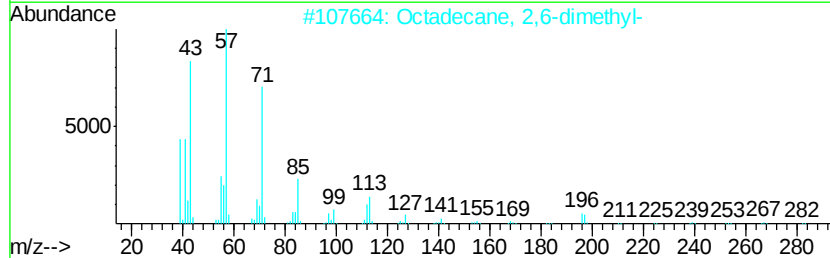
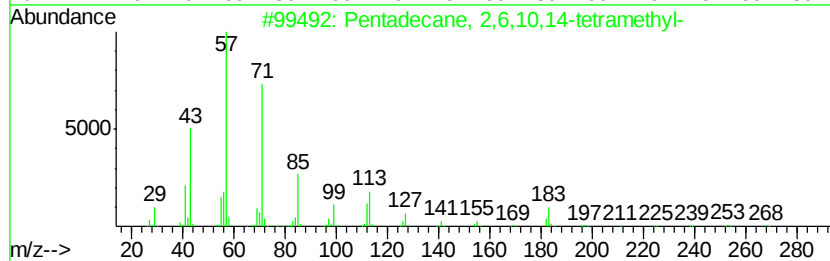
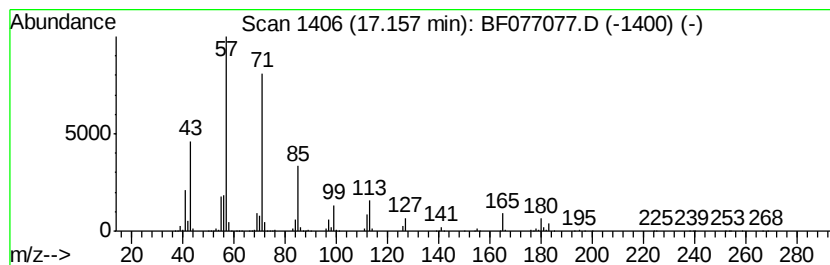
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	66.16 ng	18423900	Phenanthrene-d10	17.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
2		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	72
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
5		5,5-Dibutylnonane	240	C17H36	006008-17-9	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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Acq On : 27 Jan 2015 7:07
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ClientSampleId :
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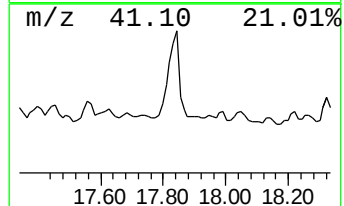
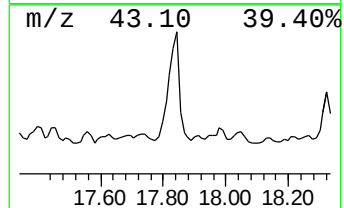
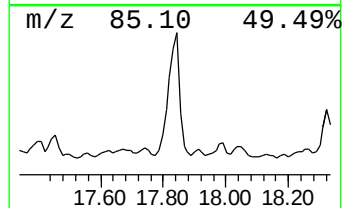
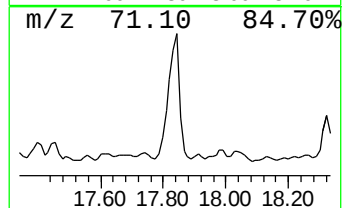
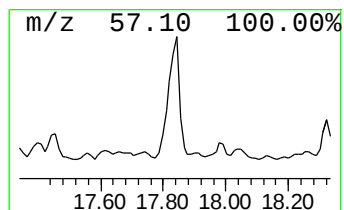
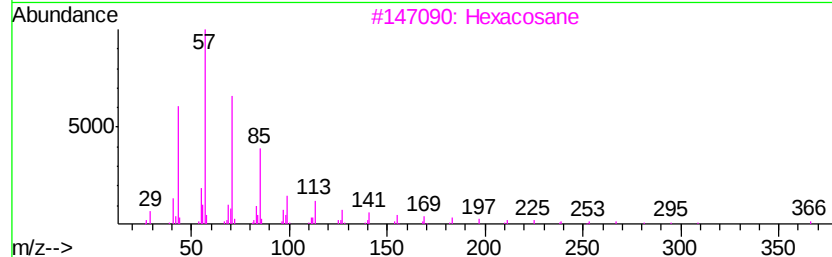
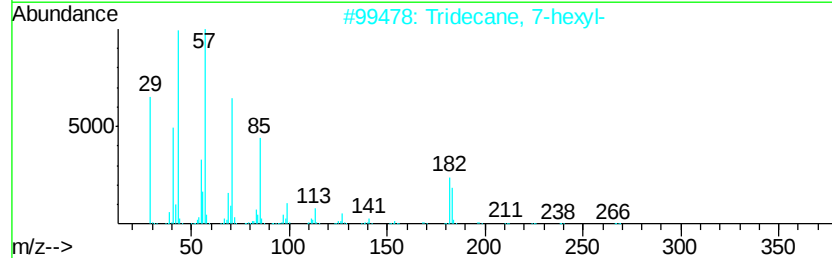
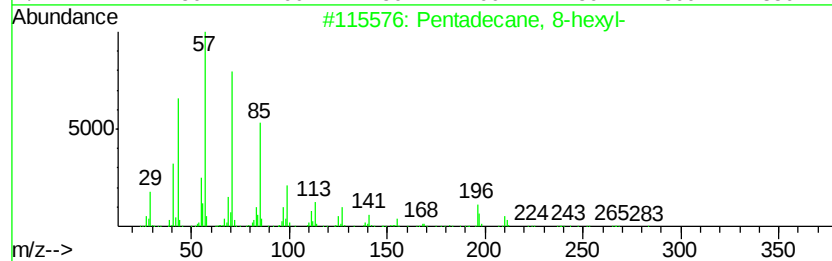
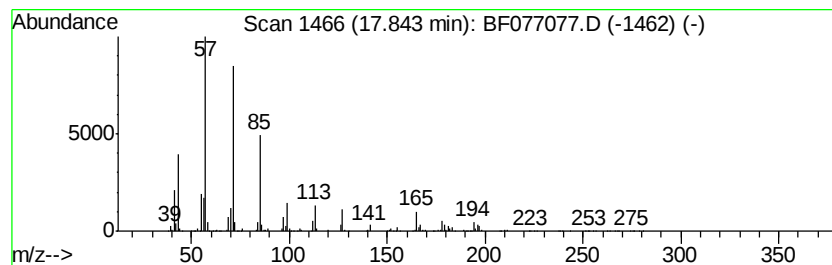
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane, 8-hexyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	35.96 ng	10012700	Phenanthrene-d10	17.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	72
3		Hexacosane	366	C26H54	000630-01-3	72
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077077.D
Acq On : 27 Jan 2015 7:07
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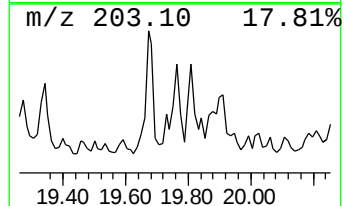
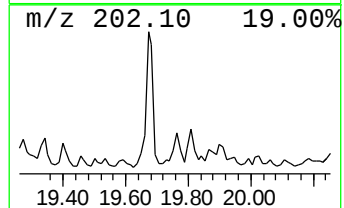
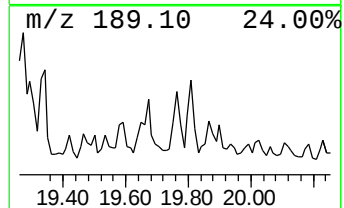
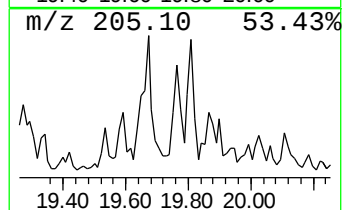
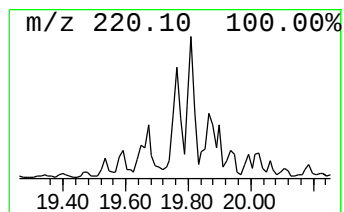
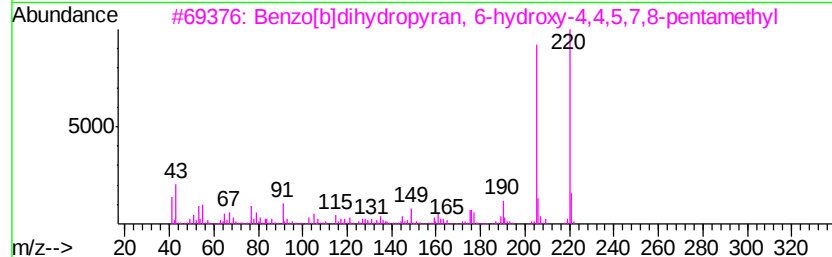
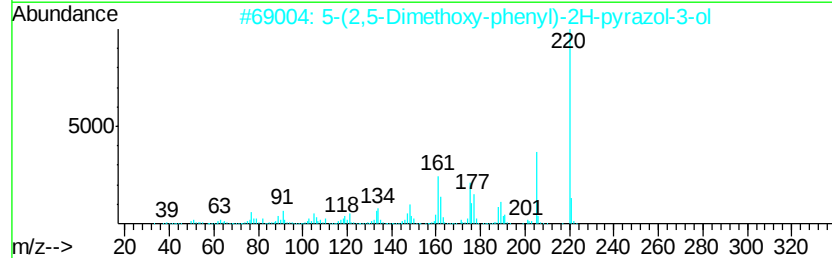
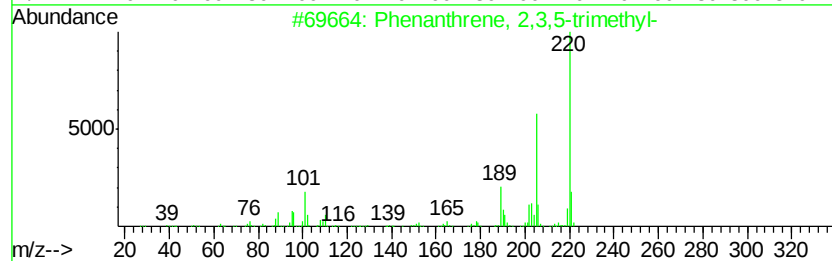
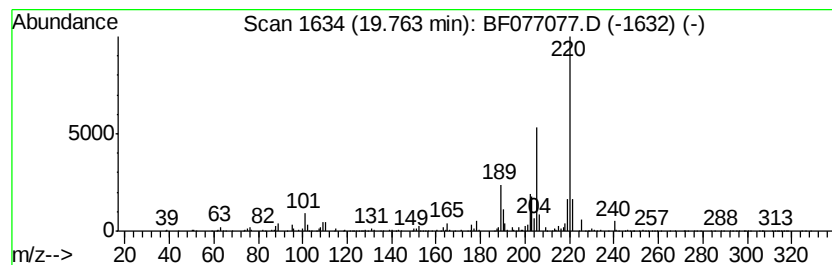
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	98.21 ng	1690350	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	91
2		5-(2,5-Dimethoxy-phenyl)-2H-pyra...	220	C11H12N2O3	1000278-26-9	59
3		Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	53
4		7-Nitro-6-methoxy-2,3-dimethylin...	220	C11H12N2O3	068289-71-4	53
5		1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077077.D
Acq On : 27 Jan 2015 7:07
Operator : TP/IZ
Sample : G1137-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
104B1B

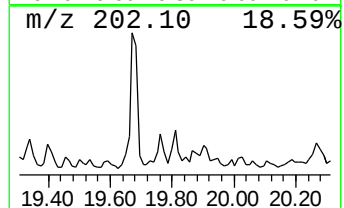
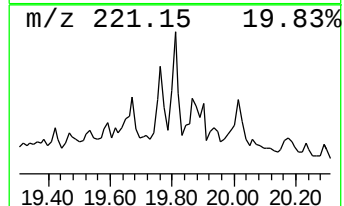
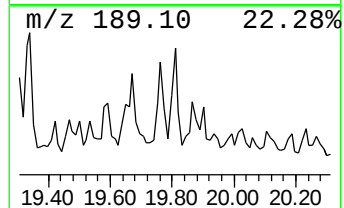
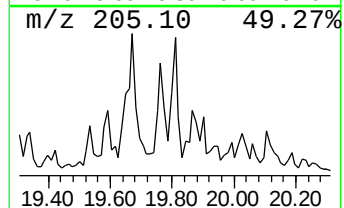
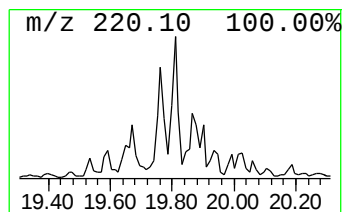
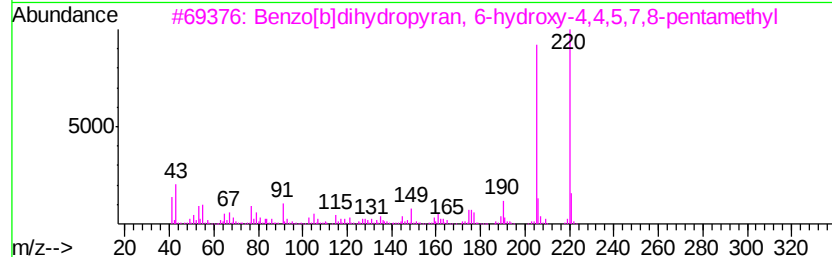
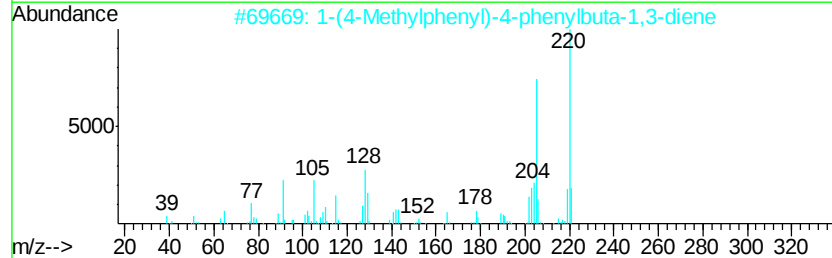
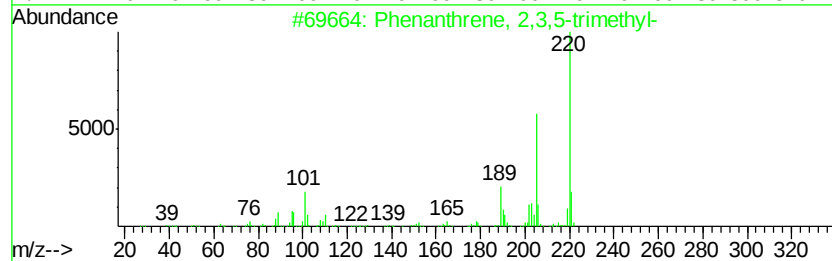
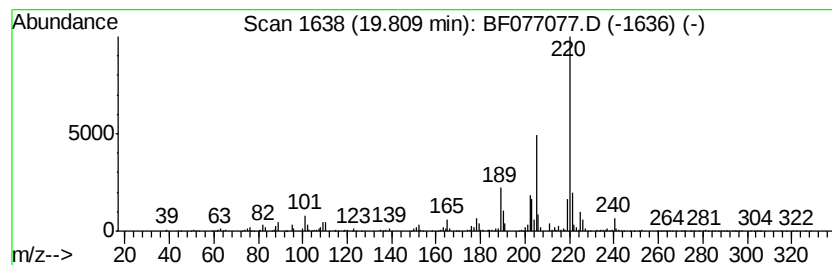
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-(4-Methylphenyl)-4-phenyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	122.54 ng	2108980	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	90
2		1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	80
3		Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	53
4		7-Nitro-6-methoxy-2,3-dimethylin...	220	C11H12N2O3	068289-71-4	52
5		5-(2,5-Dimethoxy-phenyl)-2H-pyra...	220	C11H12N2O3	1000278-26-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077077.D
Acq On : 27 Jan 2015 7:07
Operator : TP/IZ
Sample : G1137-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
104B1B

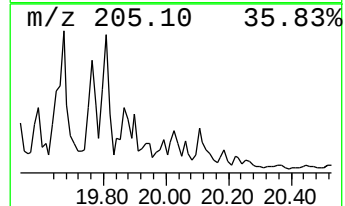
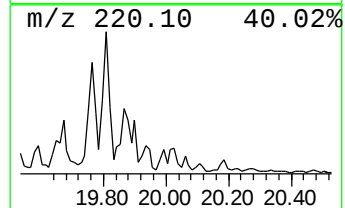
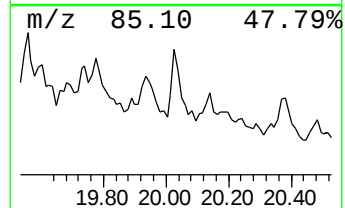
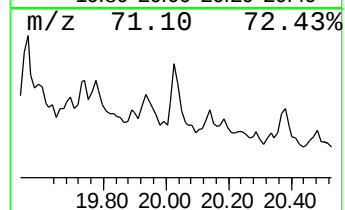
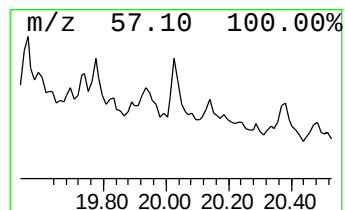
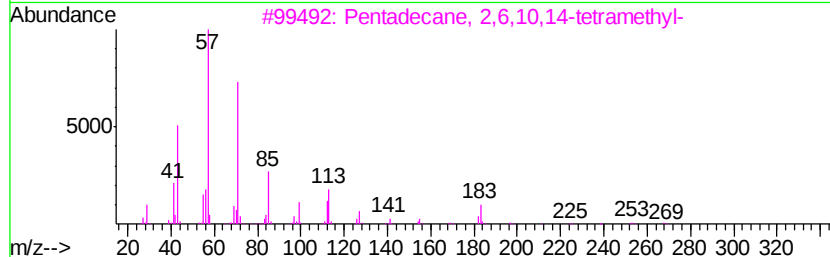
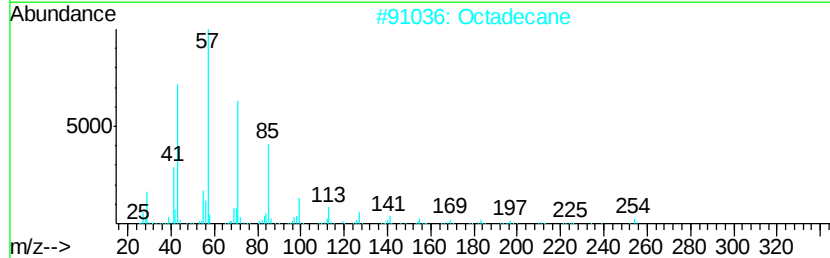
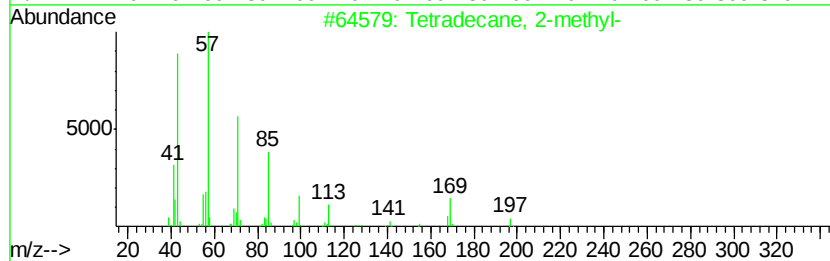
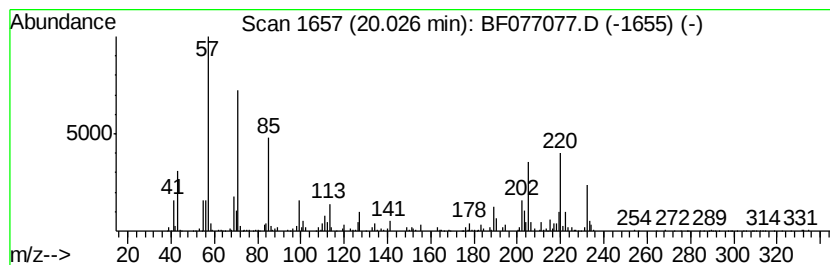
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown20.03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	62.29 ng	1072070	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	42
2		Octadecane	254	C18H38	000593-45-3	42
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	35
4		Tetratetracontane	619	C44H90	007098-22-8	30
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077077.D
 Acq On : 27 Jan 2015 7:07
 Operator : TP/IZ
 Sample : G1137-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 104B1B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3-dime...	4.61	53.8	ng	3601860	1	7.78	1338610	20.0
Octane, 3,6-dimet...	6.20	42.8	ng	2867600	1	7.78	1338610	20.0
Benzene, 1-ethyl-...	6.76	57.2	ng	3830330	1	7.78	1338610	20.0
unknown6.80	6.80	38.6	ng	2581310	1	7.78	1338610	20.0
unknown7.01	7.01	32.8	ng	2193690	1	7.78	1338610	20.0
Benzene, 1-ethyl-...	7.10	41.8	ng	2800350	1	7.78	1338610	20.0
Benzene, 1,2,3-tr...	7.44	125.7	ng	8410410	1	7.78	1338610	20.0
Benzene, 1,3,5-tr...	7.93	64.8	ng	4333590	1	7.78	1338610	20.0
Nonane, 2,6-dimet...	8.01	48.7	ng	3258800	1	7.78	1338610	20.0
Indane	8.17	35.1	ng	2349560	1	7.78	1338610	20.0
Benzene, 1-methyl...	8.50	37.3	ng	2496520	1	7.78	1338610	20.0
Benzene, 1-methyl...	8.63	102.6	ng	6868760	1	7.78	1338610	20.0
Benzene, 1-methyl...	8.76	57.0	ng	3816090	1	7.78	1338610	20.0
Benzene, 1-methyl...	9.00	47.8	ng	3199410	1	7.78	1338610	20.0
Pentadecane, 2,6,...	17.16	66.2	ng	18423900	4	17.63	5569180	20.0
Pentadecane, 8-he...	17.84	36.0	ng	10012700	4	17.63	5569180	20.0
Phenanthrene, 2,3...	19.76	98.2	ng	1690350	5	21.17	344221	20.0
1-(4-Methylphenyl...	19.81	122.5	ng	2108980	5	21.17	344221	20.0
unknown20.03	20.03	62.3	ng	1072070	5	21.17	344221	20.0