

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081832.D
 Acq On : 26 Sep 2015 17:25
 Operator : UM/IZ
 Sample : G3785-02
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP221BR-30-32

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-BF092415.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.371	101	108	111	rBV2	463160	1432120	15.96%	0.615%
2	3.531	120	122	126	rVV	1117054	1953349	21.77%	0.839%
3	3.714	133	138	142	rVV	736509	1494291	16.65%	0.642%
4	5.132	260	262	265	rVV	966231	1265140	14.10%	0.543%
5	5.406	283	286	293	rVV	472477	1313898	14.64%	0.564%
6	5.532	293	297	300	rVV	2105098	2694376	30.03%	1.157%
7	5.772	315	318	326	rVV	3692809	7893832	87.98%	3.390%
8	5.874	326	327	331	rVV2	476653	1018959	11.36%	0.438%
9	6.469	376	379	380	rBV	514656	791148	8.82%	0.340%
10	6.560	384	387	390	rVB	2130439	2382405	26.55%	1.023%
11	6.652	390	395	397	rBV2	931164	1397580	15.58%	0.600%
12	6.709	397	400	402	rVB	2047443	2602497	29.00%	1.118%
13	6.789	403	407	408	rBV	5154410	8972640	100.00%	3.854%
14	6.823	408	410	418	rVB	4115399	5500121	61.30%	2.362%
15	6.937	418	420	422	rVB	818949	823359	9.18%	0.354%
16	7.097	431	434	435	rBV	2088188	1861108	20.74%	0.799%
17	7.212	441	444	447	rBV2	2453271	3826576	42.65%	1.644%
18	7.452	462	465	466	rVB2	777318	1087386	12.12%	0.467%
19	7.475	466	467	468	rBV	1000061	1327448	14.79%	0.570%
20	7.509	468	470	472	rVB2	1706211	2479047	27.63%	1.065%
21	7.566	472	475	477	rBV	2866722	4319693	48.14%	1.855%
22	7.600	477	478	481	rVB	1899887	2327781	25.94%	1.000%
23	7.715	485	488	490	rBV2	1181360	1575416	17.56%	0.677%
24	7.806	492	496	499	rBV2	3343651	7926588	88.34%	3.404%
25	7.978	509	511	513	rBV	2177638	3169967	35.33%	1.362%
26	8.035	513	516	519	rVB	3145730	4421479	49.28%	1.899%
27	8.103	519	522	524	rVB2	761316	816282	9.10%	0.351%
28	8.138	524	525	528	rBV2	783903	1177572	13.12%	0.506%
29	8.229	528	533	536	rVB4	921598	1983422	22.11%	0.852%
30	8.458	549	553	556	rBV	3747854	5621819	62.66%	2.415%
31	8.515	556	558	560	rBV	4951508	5337722	59.49%	2.293%
32	8.686	571	573	576	rVB2	1116671	1100077	12.26%	0.472%
33	8.732	576	577	580	rBV2	902350	919444	10.25%	0.395%
34	8.789	580	582	585	rBV4	416856	1054589	11.75%	0.453%

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35	8.938	593	595	598	rVB2	1934844	2035576	22.69%	0.874%
36	9.006	598	601	602	rBV	2004574	1958773	21.83%	0.841%
37	9.040	602	604	606	rVV2	1278710	1369120	15.26%	0.588%
38	9.120	608	611	615	rBV2	979553	2030482	22.63%	0.872%
39	9.223	618	620	623	rVV	1749662	2054868	22.90%	0.883%
40	9.303	623	627	630	rVB3	2518506	3726877	41.54%	1.601%
41	9.429	636	638	640	rVV	814585	1139271	12.70%	0.489%
42	9.521	643	646	647	rVB2	512566	754566	8.41%	0.324%
43	9.601	651	653	655	rVV3	934386	1654403	18.44%	0.711%
44	9.658	655	658	660	rVV2	393941	827222	9.22%	0.355%
45	9.703	660	662	664	rVV2	1579909	2157090	24.04%	0.926%
46	9.795	668	670	672	rVV3	440701	896612	9.99%	0.385%
47	9.852	672	675	677	rVV	1576979	2009121	22.39%	0.863%
48	9.886	677	678	680	rVV2	958936	1078812	12.02%	0.463%
49	9.989	685	687	691	rVV4	843049	1457394	16.24%	0.626%
50	10.298	711	714	715	rBV2	611065	758785	8.46%	0.326%
51	10.343	715	718	720	rVB3	1287107	2256621	25.15%	0.969%
52	10.503	728	732	733	rBV3	605735	962229	10.72%	0.413%
53	10.778	752	756	758	rBV2	1309657	1723093	19.20%	0.740%
54	11.406	809	811	813	rVB	2471211	2228105	24.83%	0.957%
55	11.475	815	817	818	rBV	866722	984818	10.98%	0.423%
56	11.601	825	828	830	rBV	1750152	2973546	33.14%	1.277%
57	11.715	836	838	841	rBV	3122440	3427096	38.19%	1.472%
58	11.772	841	843	846	rBV2	1486383	1543702	17.20%	0.663%
59	11.829	846	848	851	rVB	1940104	2256199	25.15%	0.969%
60	11.886	851	853	855	rVB	3734610	3610130	40.23%	1.551%
61	11.989	859	862	866	rBV3	3116256	7854428	87.54%	3.373%
62	12.046	866	867	870	rVB3	1455234	1533713	17.09%	0.659%
63	12.115	870	873	875	rBV3	1899207	4328658	48.24%	1.859%
64	12.149	875	876	879	rVB	2363175	2403010	26.78%	1.032%
65	12.207	879	881	882	rBV	641747	1029724	11.48%	0.442%
66	12.252	882	885	890	rVB	2755864	5126305	57.13%	2.202%
67	12.344	891	893	894	rBV	1077729	1264622	14.09%	0.543%
68	12.378	894	896	902	rVB4	1732362	3860253	43.02%	1.658%
69	12.481	902	905	907	rVB2	1236638	2419703	26.97%	1.039%
70	12.538	907	910	911	rBV2	1759009	3875278	43.19%	1.664%
71	12.618	916	917	921	rVV3	1526050	3773659	42.06%	1.621%

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72	12.709	923	925	926	rVV	3056181	3817335	42.54%	1.640%
73	12.744	926	928	931	rVV3	896658	2313604	25.79%	0.994%
74	12.801	931	933	934	rVV2	775960	1318043	14.69%	0.566%
75	12.858	936	938	939	rVV2	623806	982021	10.94%	0.422%
76	12.938	942	945	947	rVV	3532514	5276147	58.80%	2.266%
77	12.984	947	949	951	rVV3	830756	1571524	17.51%	0.675%
78	13.064	955	956	961	rVV2	1474593	2561071	28.54%	1.100%
79	13.144	961	963	966	rVV2	1032780	1934162	21.56%	0.831%
80	13.258	969	973	975	rVB	1592892	2573989	28.69%	1.106%
81	13.327	975	979	980	rBV	1068863	1493946	16.65%	0.642%
82	13.361	980	982	984	rVV	1424933	1379945	15.38%	0.593%
83	13.452	988	990	991	rBV	1131178	1100636	12.27%	0.473%
84	13.487	991	993	994	rVB	1155519	1013701	11.30%	0.435%
85	13.658	1006	1008	1013	rVB2	666445	1479442	16.49%	0.635%
86	13.738	1013	1015	1016	rBV	565770	848417	9.46%	0.364%
87	13.875	1024	1027	1028	rBV2	579228	1040750	11.60%	0.447%
88	14.127	1045	1049	1050	rBV2	2057482	3782516	42.16%	1.625%
89	14.161	1050	1052	1055	rVB	2173151	2751235	30.66%	1.182%
90	14.275	1060	1062	1067	rVB5	456459	888276	9.90%	0.382%
91	14.515	1081	1083	1085	rVV	1592049	2251112	25.09%	0.967%
92	14.550	1085	1086	1087	rVV	1173697	954952	10.64%	0.410%
93	14.607	1087	1091	1093	rVV4	697163	1856603	20.69%	0.797%
94	14.641	1093	1094	1097	rVV2	814398	1329853	14.82%	0.571%
95	15.178	1137	1141	1145	rBV	1148156	2773840	30.91%	1.191%
96	15.475	1165	1167	1170	rVB	965742	1421340	15.84%	0.610%
97	15.544	1170	1173	1176	rVB	1548916	2074422	23.12%	0.891%
98	15.601	1176	1178	1180	rBV	541978	800423	8.92%	0.344%
99	17.064	1303	1306	1310	rVB2	476019	1032011	11.50%	0.443%
100	17.521	1341	1346	1352	rVV	430798	994322	11.08%	0.427%

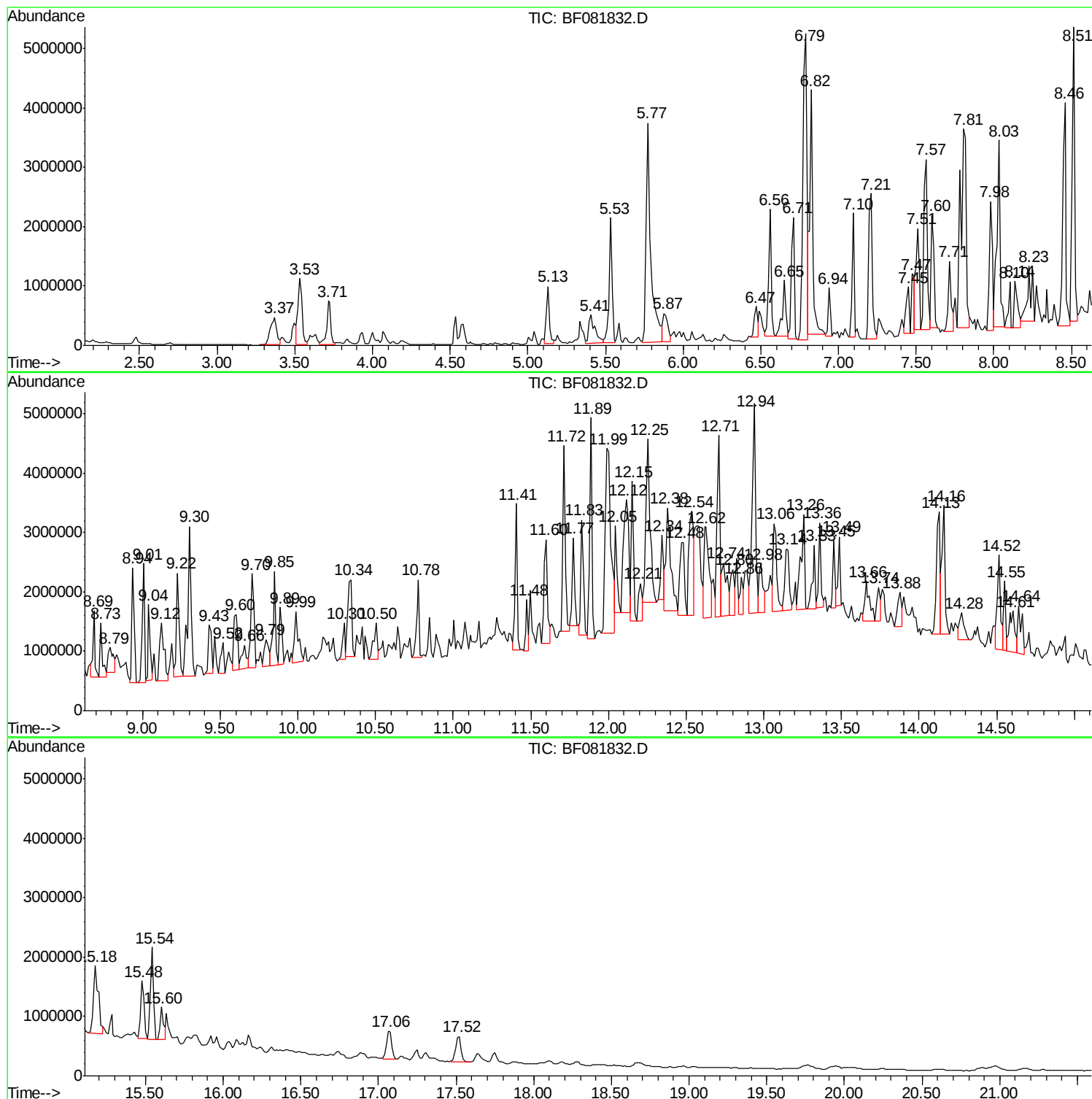
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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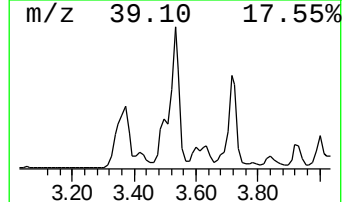
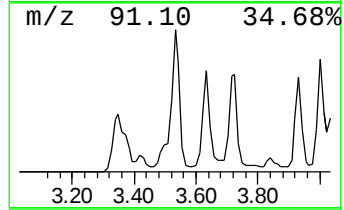
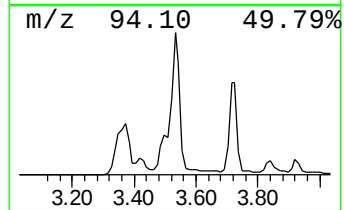
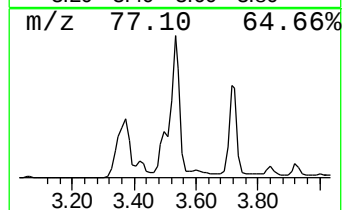
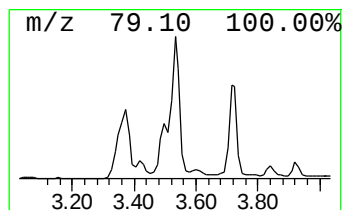
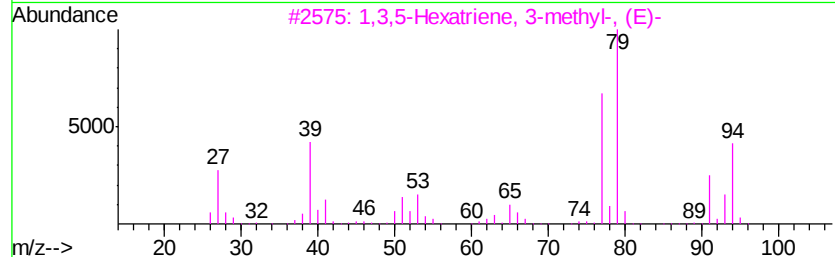
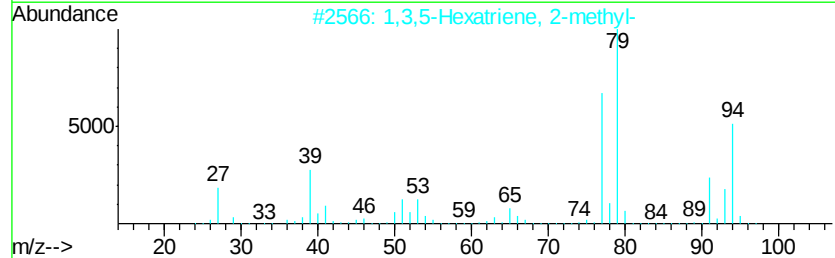
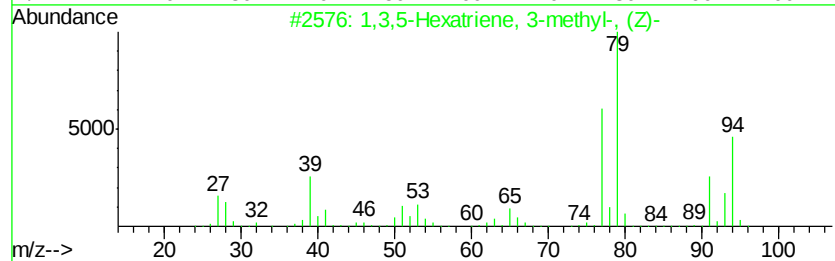
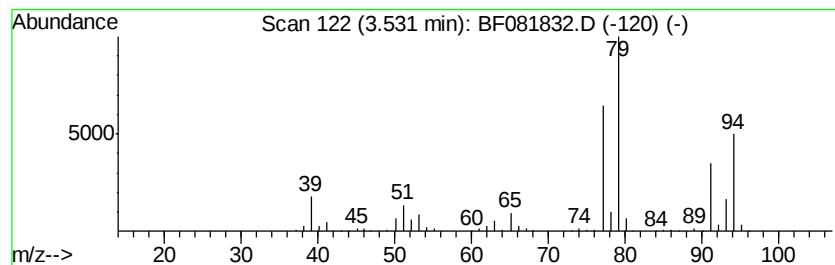
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1,3,5-Hexatriene, 3-methyl-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	47.45 ng	1953350	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,5-Hexatriene, 3-methyl-, (Z)-	94	C7H10	024587-27-7	94
2		1,3,5-Hexatriene, 2-methyl-	94	C7H10	019264-50-7	94
3		1,3,5-Hexatriene, 3-methyl-, (E)-	94	C7H10	024587-26-6	91
4		1,4-Cyclohexadiene, 1-methyl-	94	C7H10	004313-57-9	91
5		Bicyclo[4.1.0]hept-2-ene	94	C7H10	002566-57-6	91



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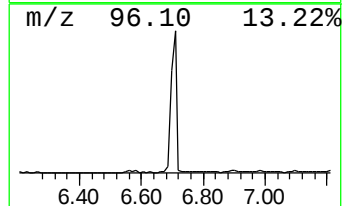
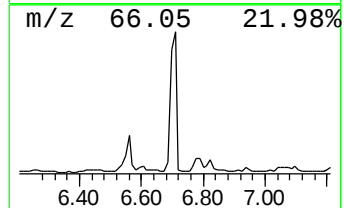
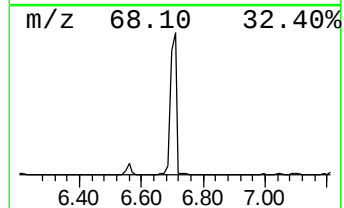
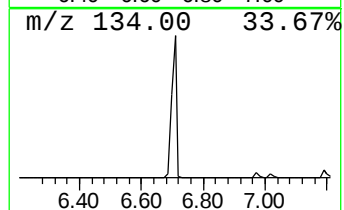
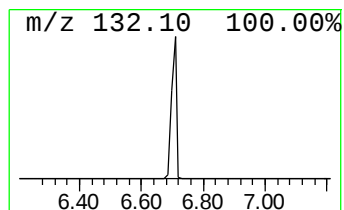
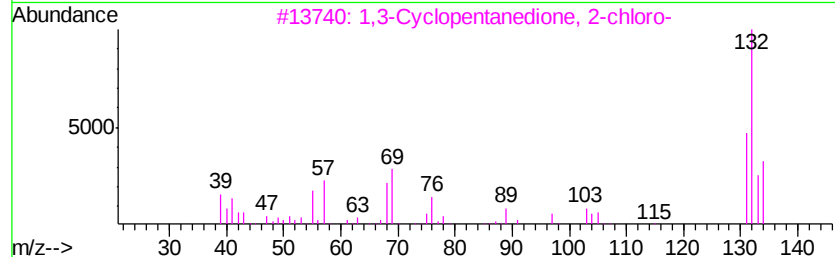
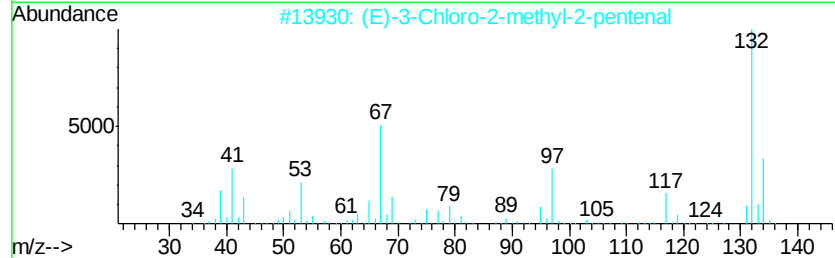
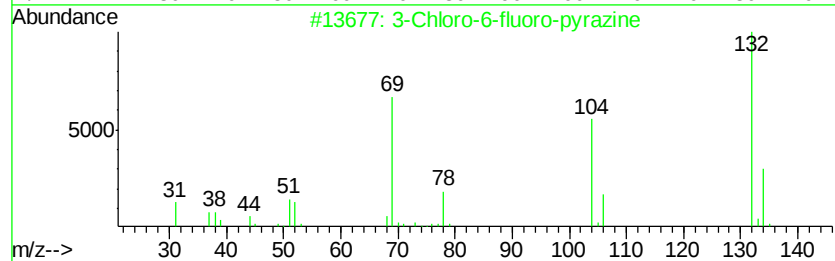
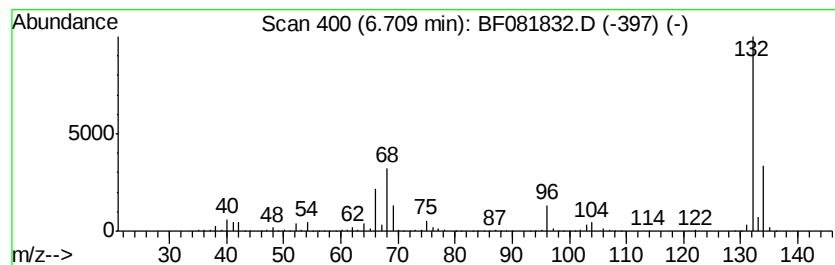
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.71 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	63.22 ng	2602500	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	12



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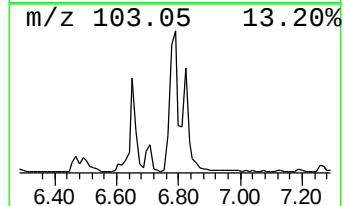
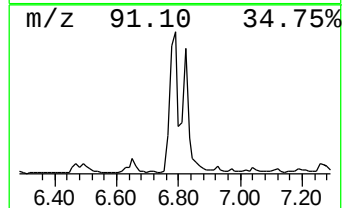
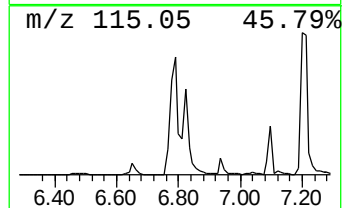
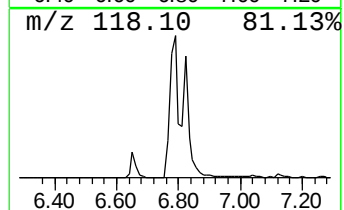
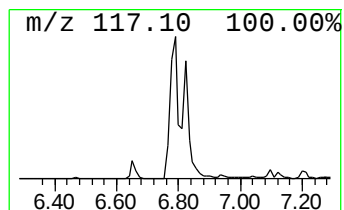
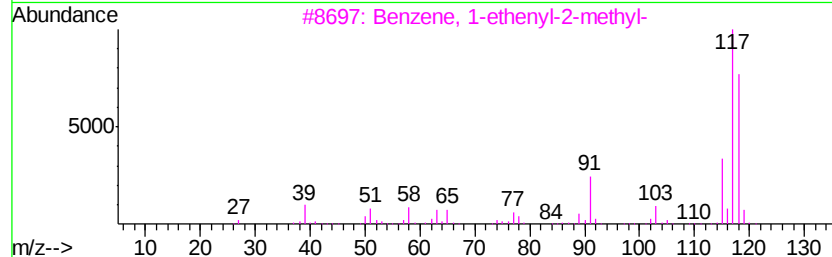
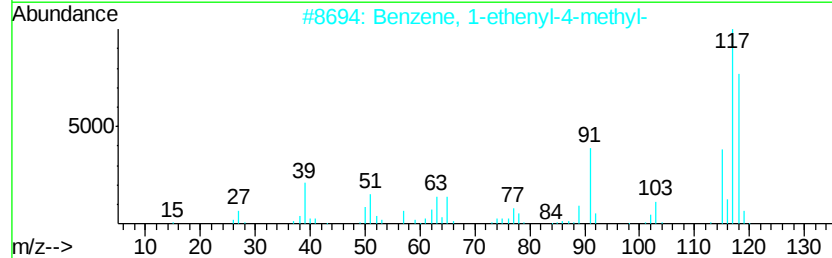
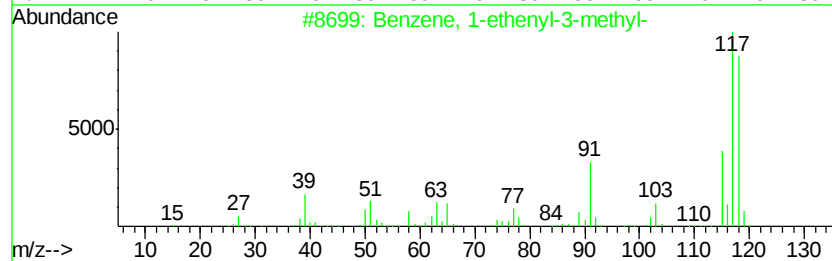
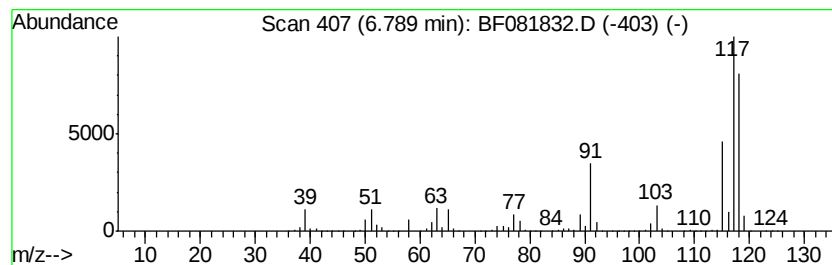
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	217.95 ng	8972640	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	97
2		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	94
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081832.D
Acq On : 26 Sep 2015 17:25
Operator : UM/IZ
Sample : G3785-02
Misc :
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ClientSampleId :
MGP221BR-30-32

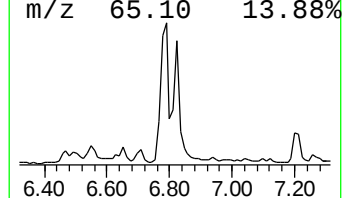
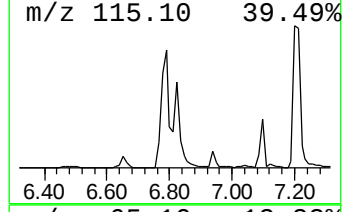
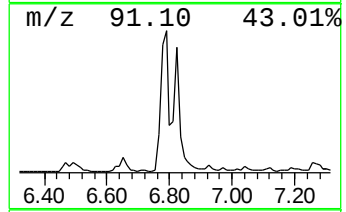
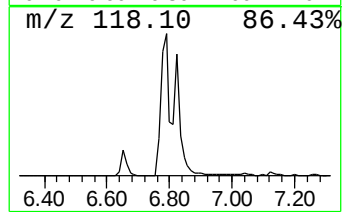
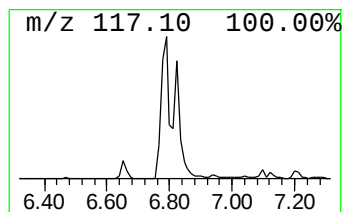
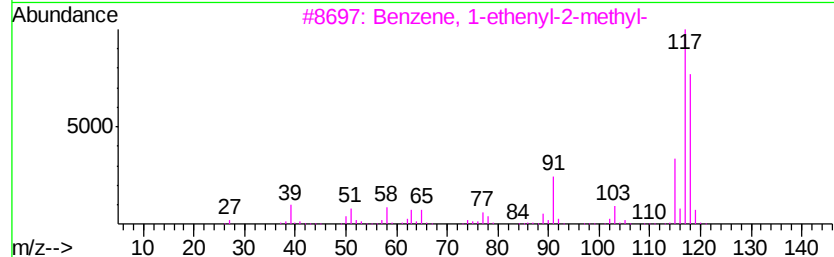
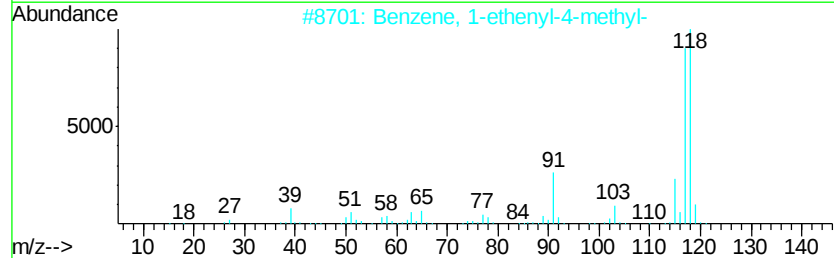
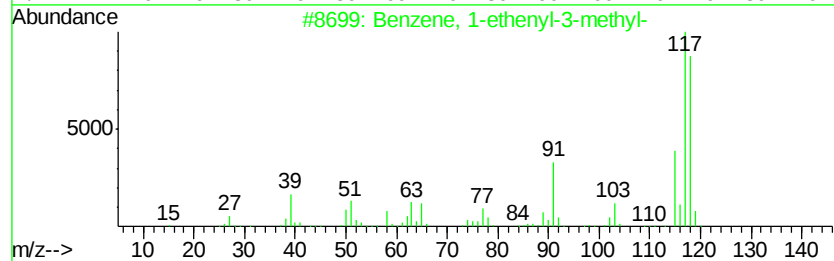
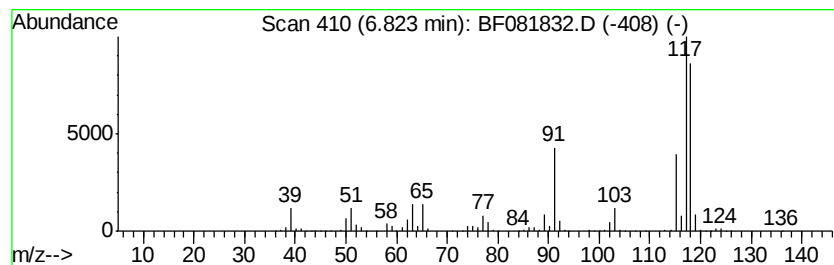
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-ethenyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	133.60 ng	5500120	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081832.D
Acq On : 26 Sep 2015 17:25
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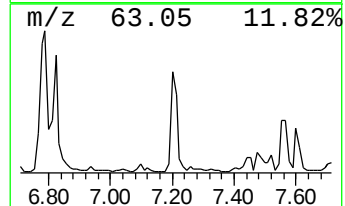
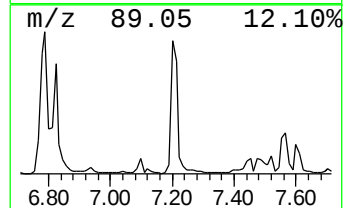
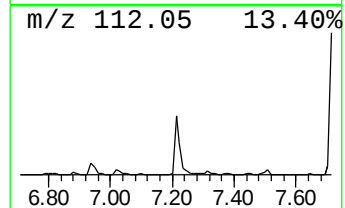
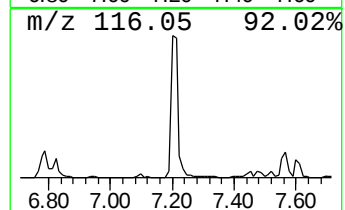
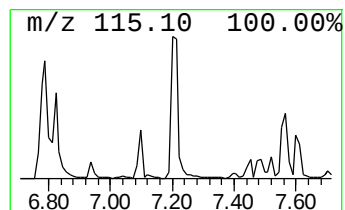
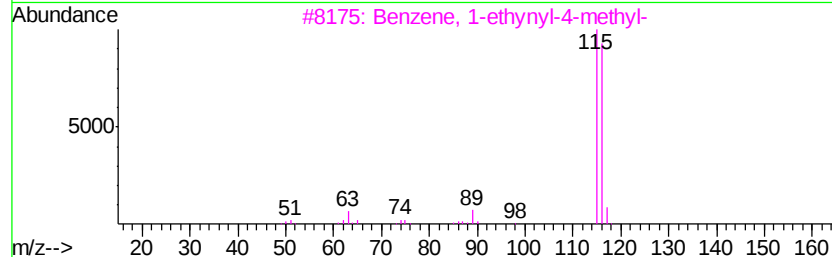
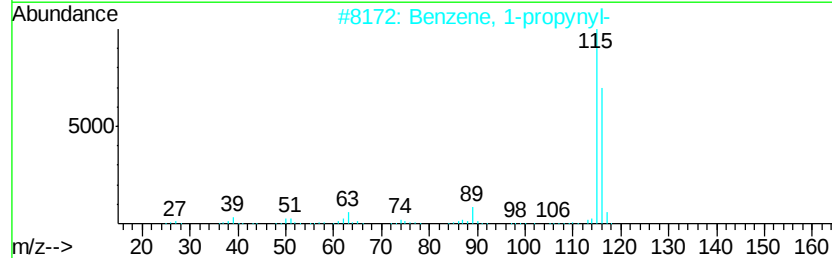
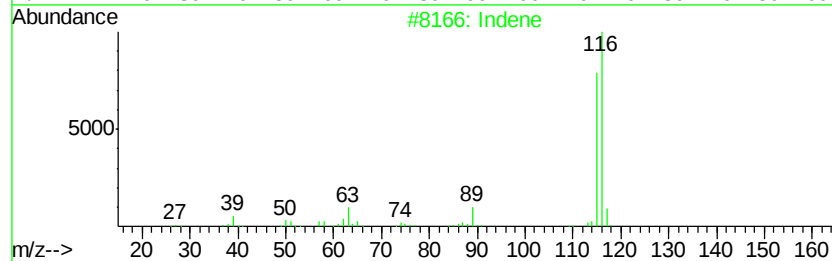
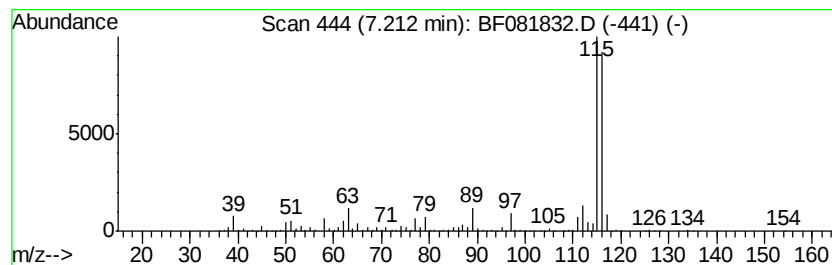
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	92.95 ng	3826580	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	94
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
3		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87
4		Benzene, 1-ethynyl-2-methyl-	116	C9H8	000766-47-2	87
5		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
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Operator : UM/IZ
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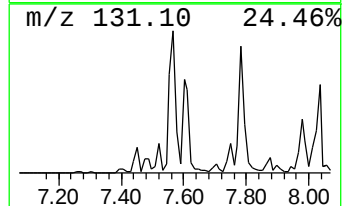
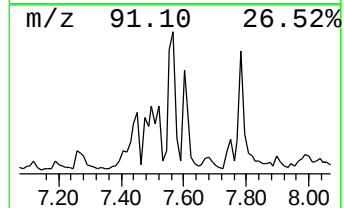
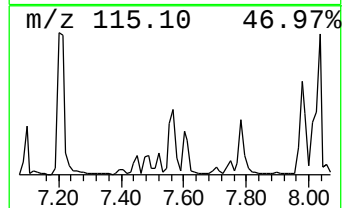
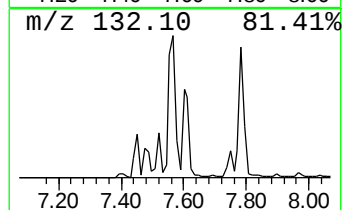
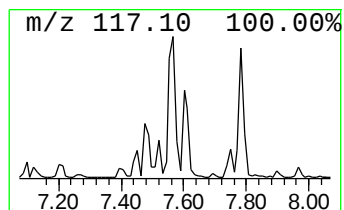
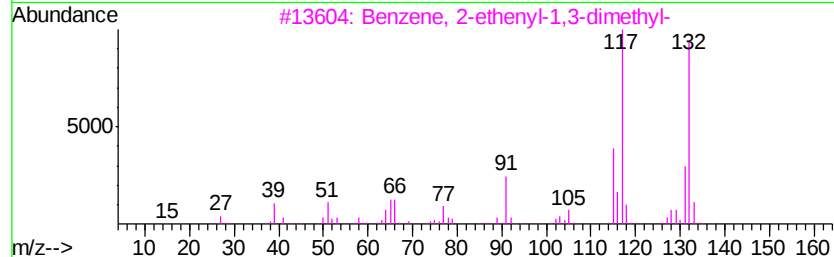
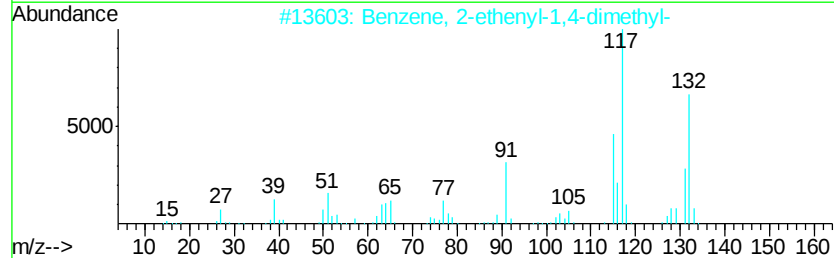
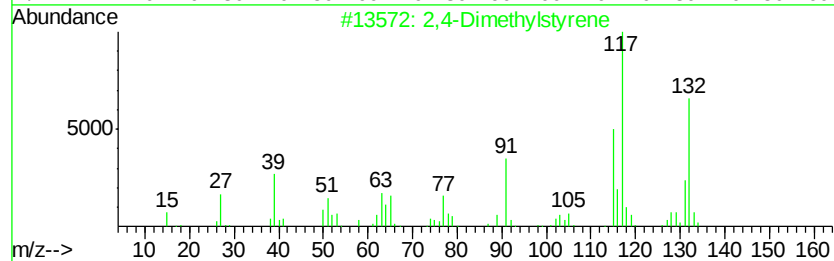
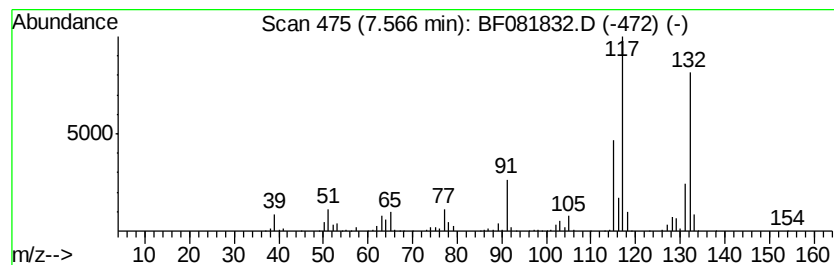
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2,4-Dimethylstyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	104.93 ng	4319690	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
3		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	95
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	95
5		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081832.D
Acq On : 26 Sep 2015 17:25
Operator : UM/IZ
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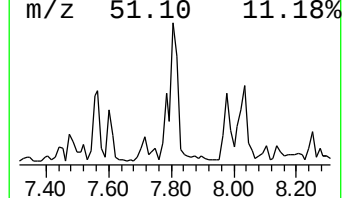
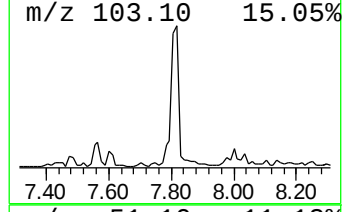
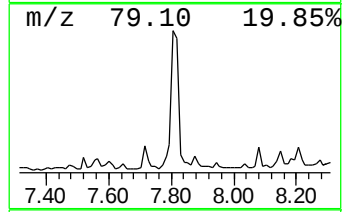
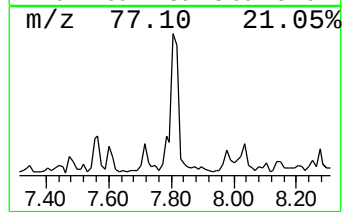
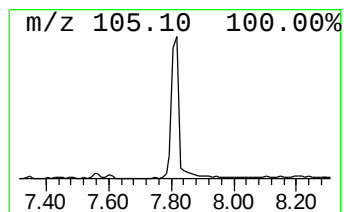
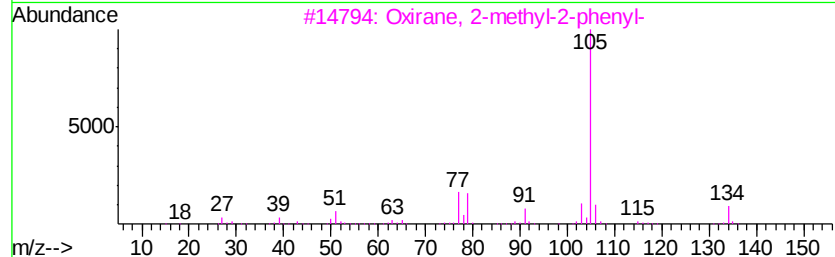
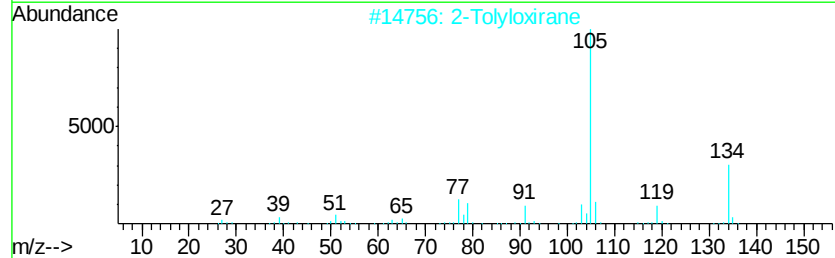
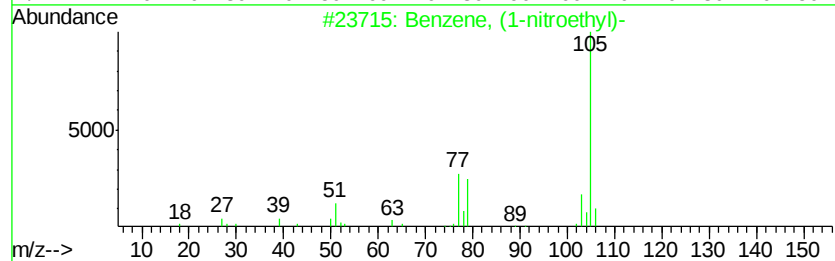
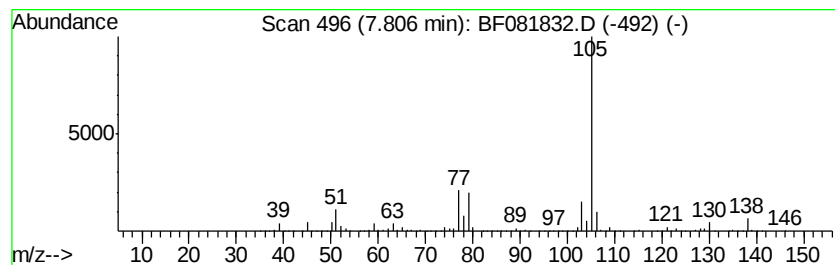
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, (1-nitroethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	79.93 ng	7926590	Naphthalene-d8	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	80
2		2-Tolyloxirane	134	C9H10O	002783-26-8	80
3		Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	72
4		1,3,5-Cycloheptatriene, 7,7-dime...	120	C9H12	007557-11-1	72
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
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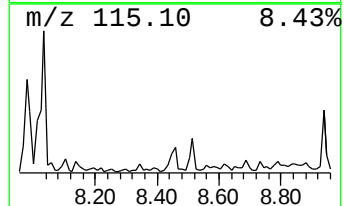
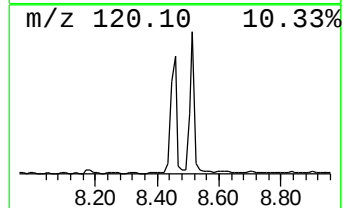
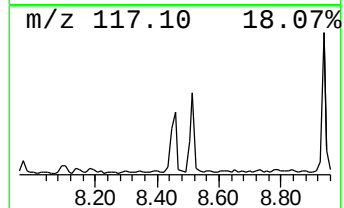
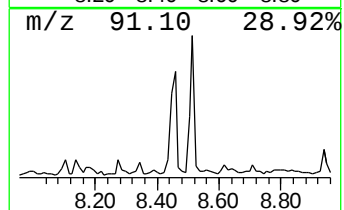
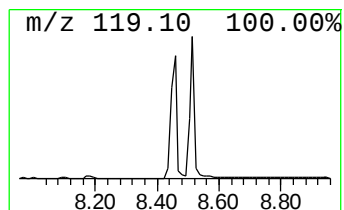
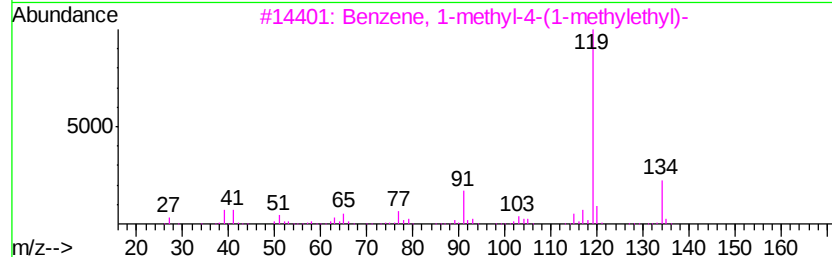
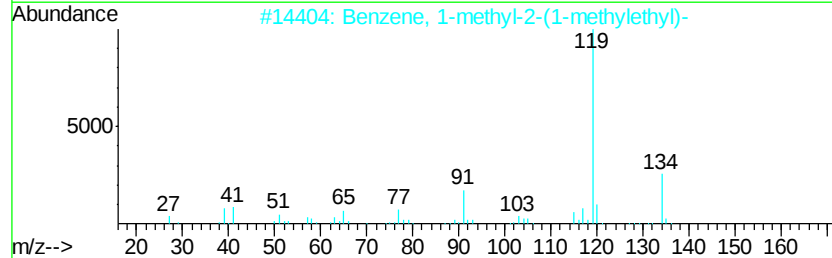
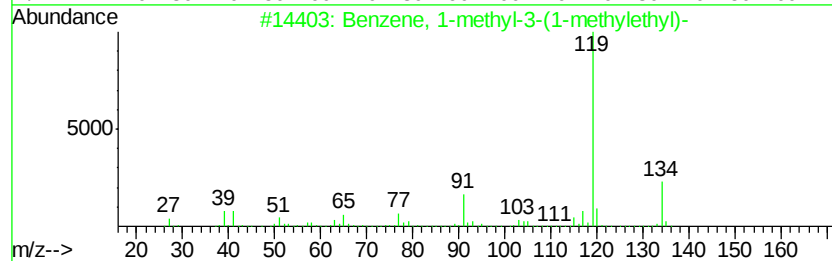
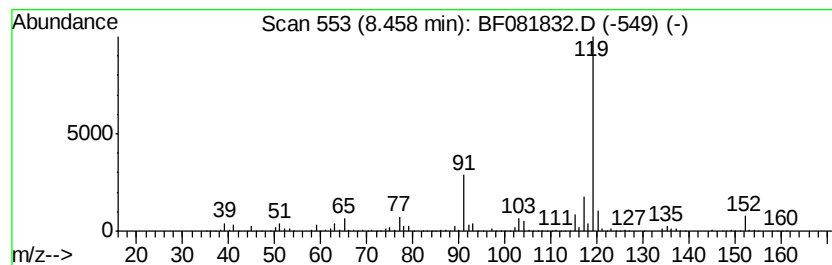
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	56.69 ng	5621820	Napthalene-d8	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	90
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	87
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	80
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
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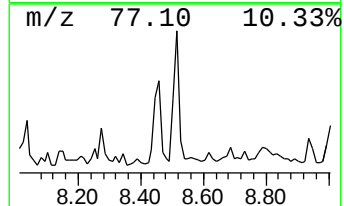
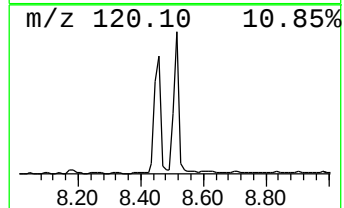
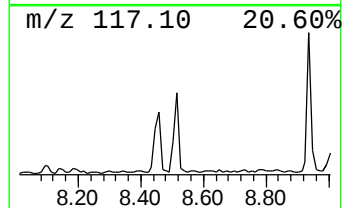
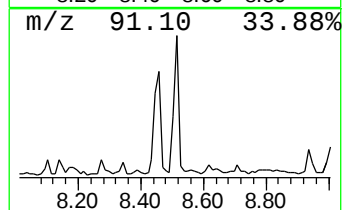
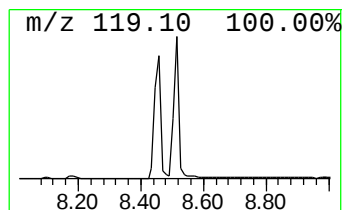
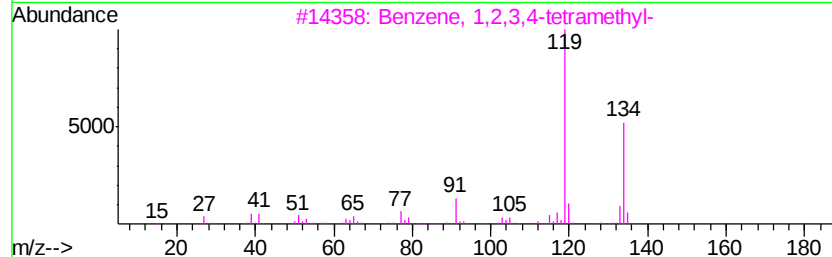
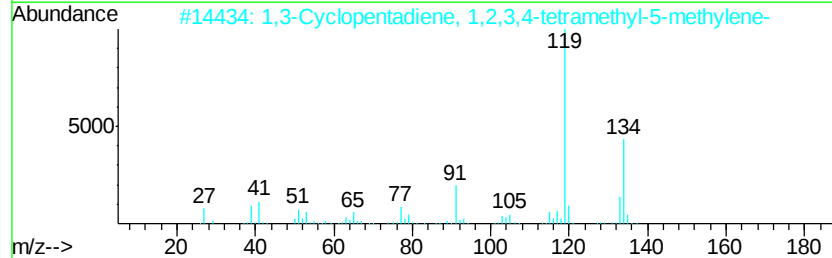
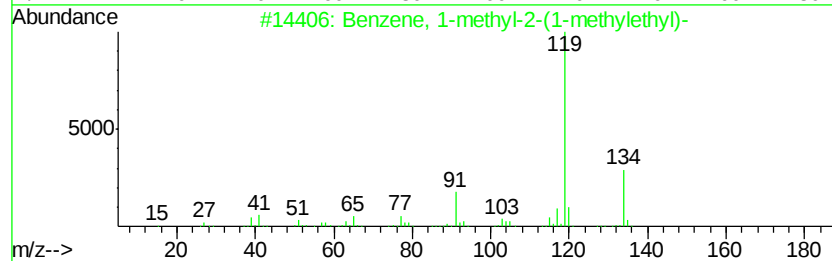
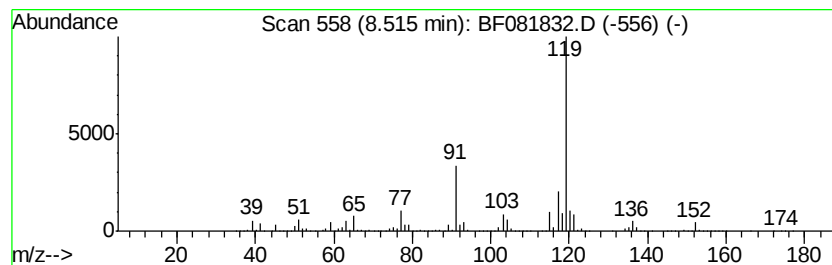
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1-methyl-2-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	53.82 ng	5337720	Napthalene-d8	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	81
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	64
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
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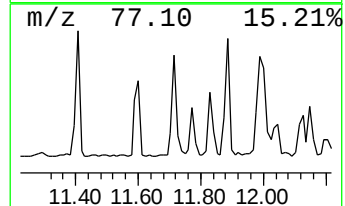
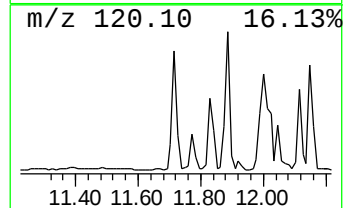
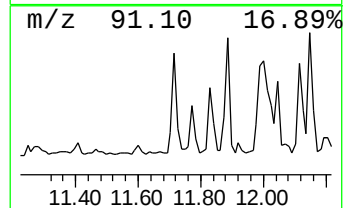
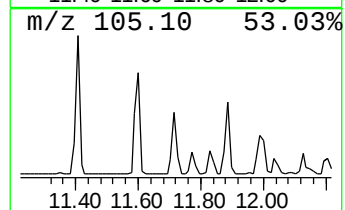
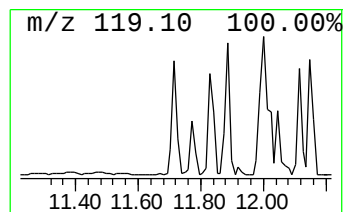
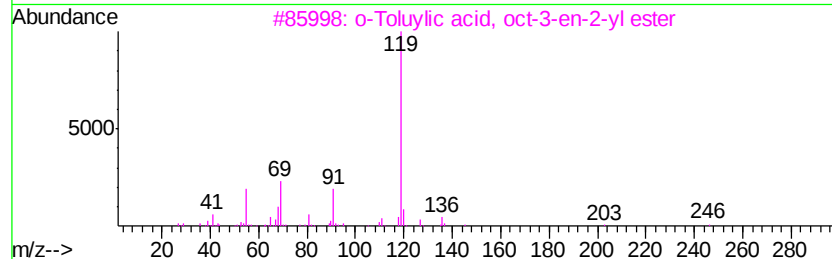
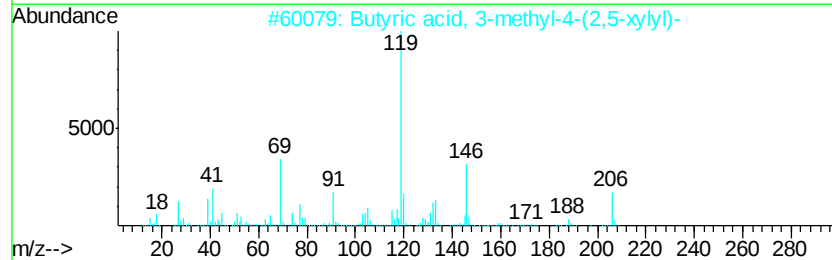
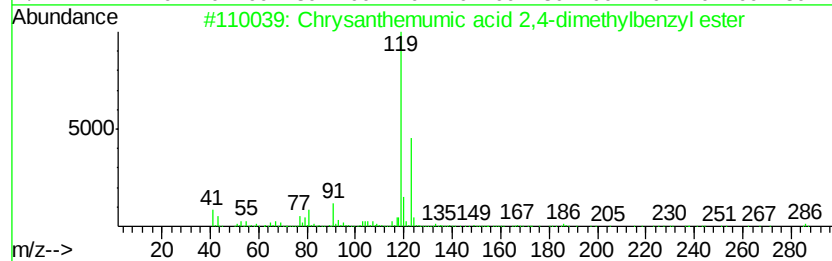
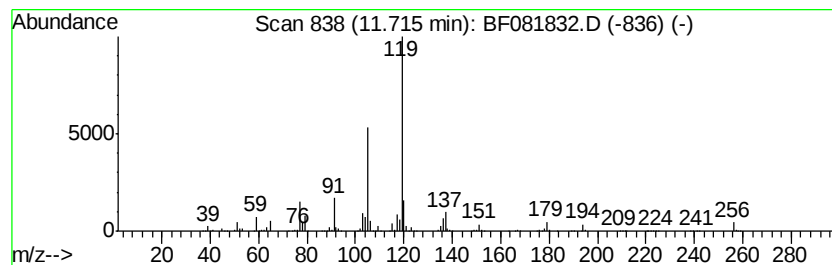
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Chrysanthemumic acid 2,4-di... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	69.60 ng	3427100	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chrysanthemumic acid 2,4-dimethy...	286	C19H26O2	000070-38-2	59
2		Butyric acid, 3-methyl-4-(2,5-xy...	206	C13H18O2	030275-76-4	59
3		o-Toluylic acid, oct-3-en-2-yl e...	246	C16H22O2	1000292-51-3	59
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	59
5		2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081832.D
Acq On : 26 Sep 2015 17:25
Operator : UM/IZ
Sample : G3785-02
Misc :
ALS Vial : 46 Sample Multiplier: 1

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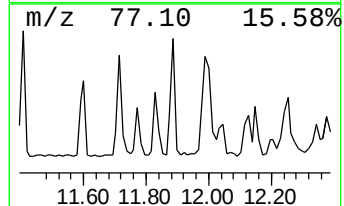
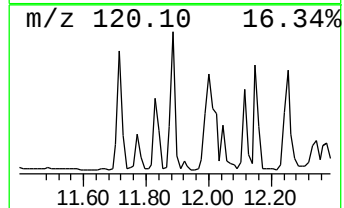
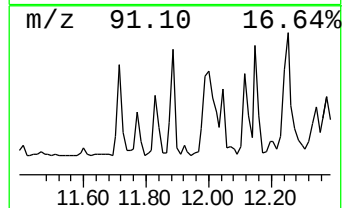
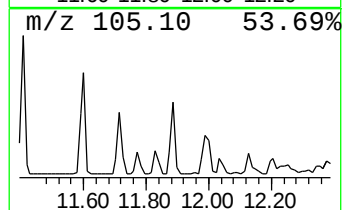
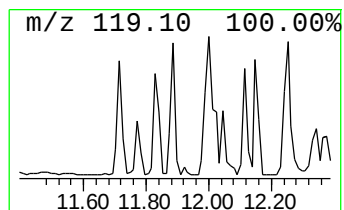
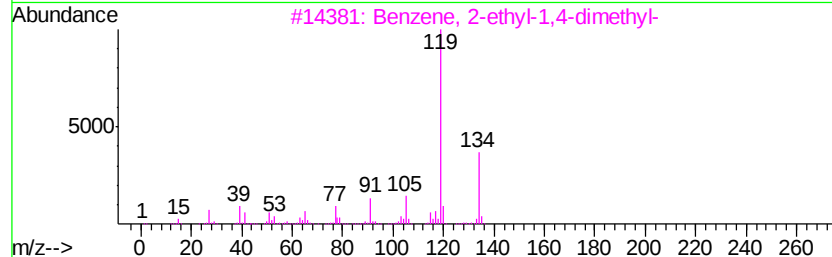
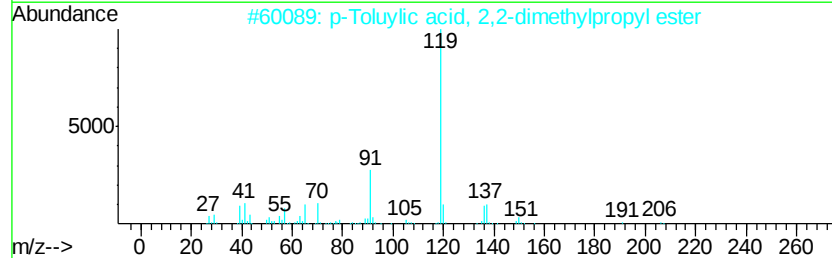
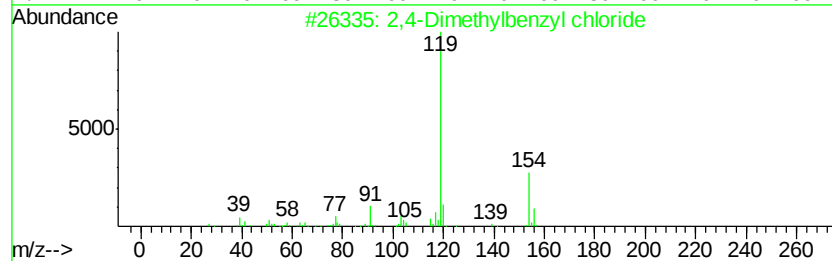
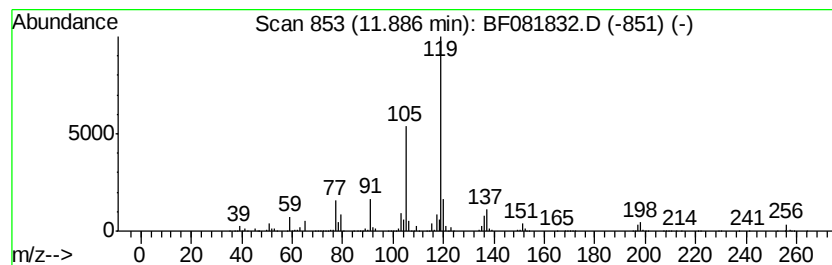
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2,4-Dimethylbenzyl chloride Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	73.32 ng	3610130	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	59
2		p-Toluylic acid, 2,2-dimethylpro...	206	C13H18O2	069912-01-2	59
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	59
4		2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	59
5		Butyric acid, 3-methyl-4-(2,5-xy...	206	C13H18O2	030275-76-4	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081832.D
Acq On : 26 Sep 2015 17:25
Operator : UM/IZ
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Misc :
ALS Vial : 46 Sample Multiplier: 1

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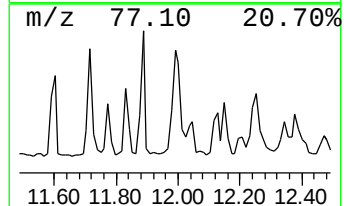
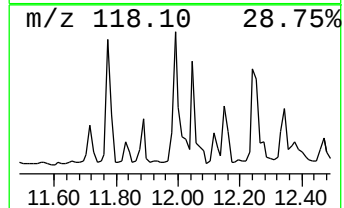
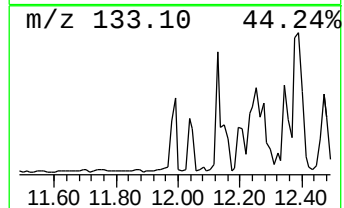
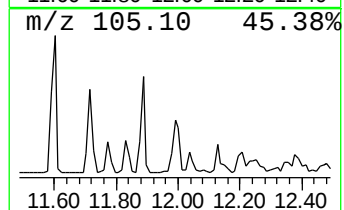
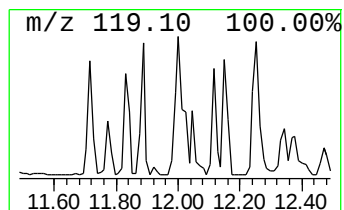
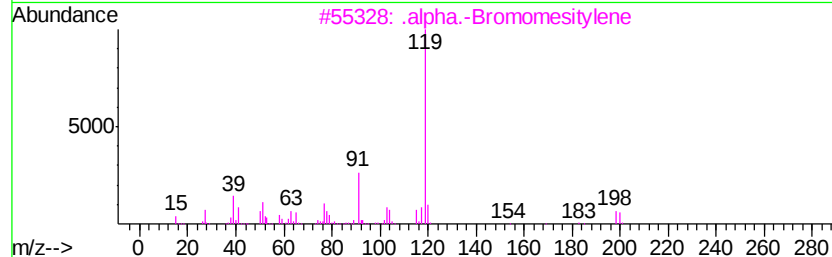
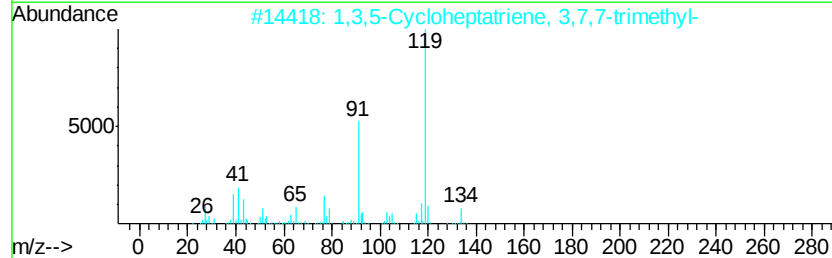
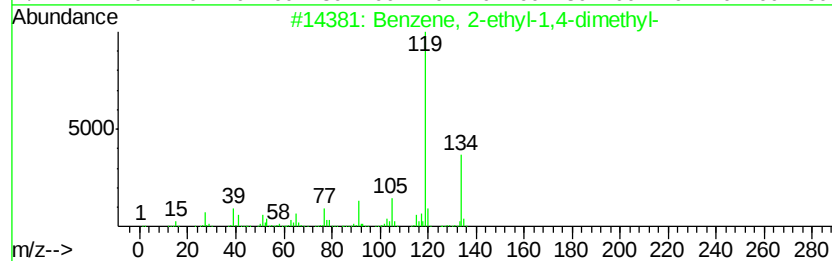
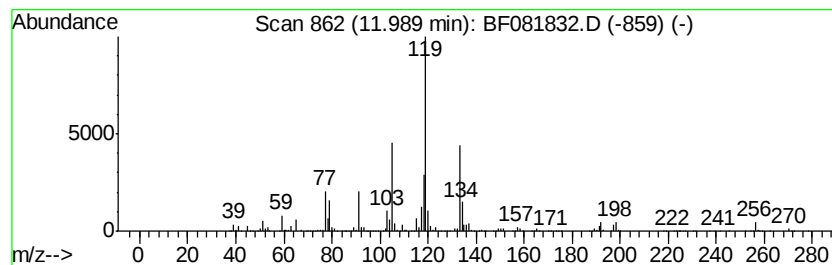
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	159.51 ng	7854430	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58
2		1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	58
3		.alpha.-Bromomesitylene	198	C9H11Br	027129-86-8	55
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	49
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081832.D
Acq On : 26 Sep 2015 17:25
Operator : UM/IZ
Sample : G3785-02
Misc :
ALS Vial : 46 Sample Multiplier: 1

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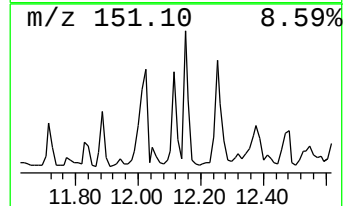
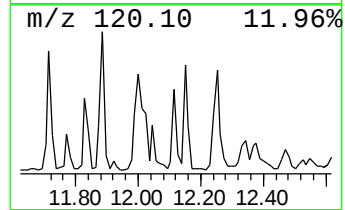
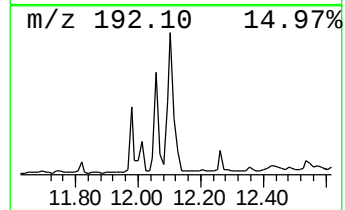
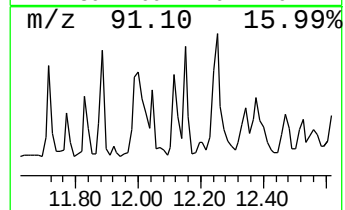
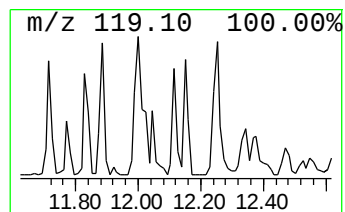
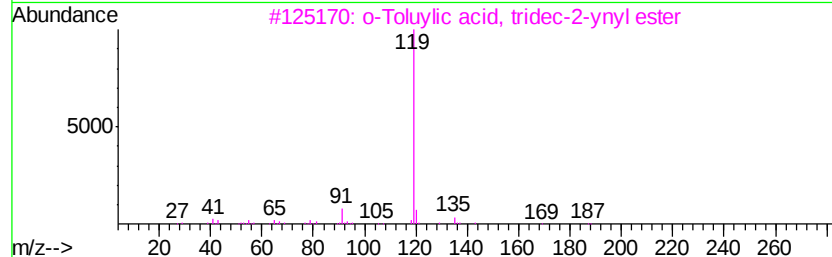
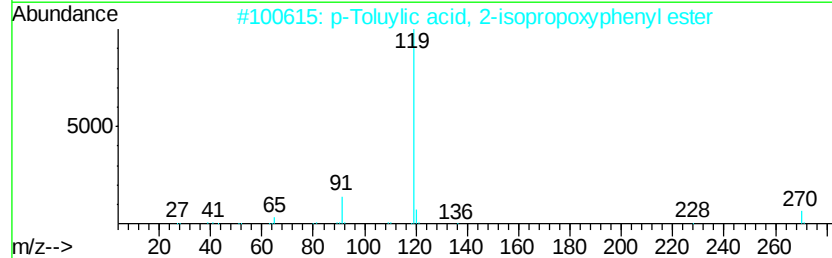
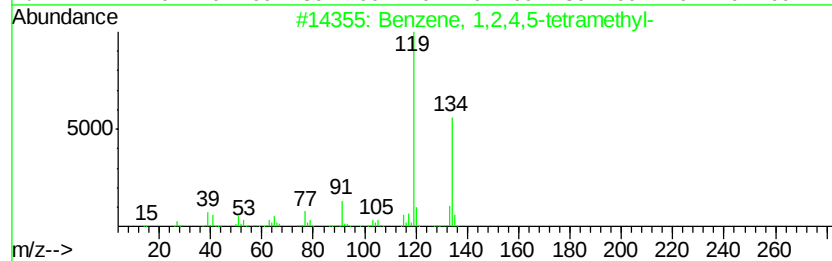
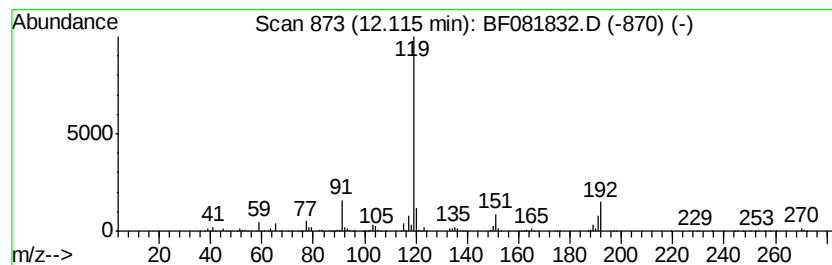
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	87.91 ng	4328660	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
2		p-Toluylic acid, 2-isopropoxyphe...	270	C17H18O3	1000292-64-5	64
3		o-Toluylic acid, tridec-2-ynyl e...	314	C21H30O2	1000292-51-7	59
4		p-Toluylic acid, 5-fluoro-2-nitr...	275	C14H10FN04	1000292-64-6	59
5		Benzenepropanoic acid, .beta., .b...	192	C12H16O2	025080-84-6	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081832.D
Acq On : 26 Sep 2015 17:25
Operator : UM/IZ
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Misc :
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Instrument :
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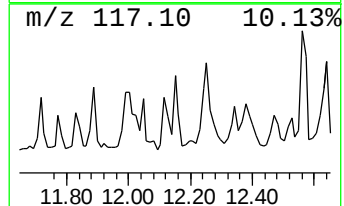
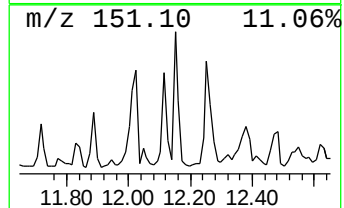
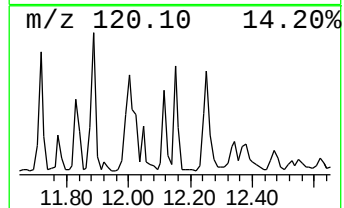
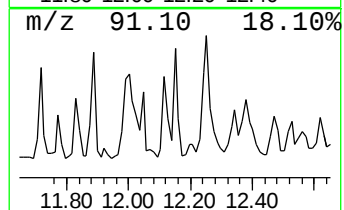
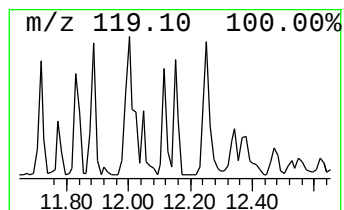
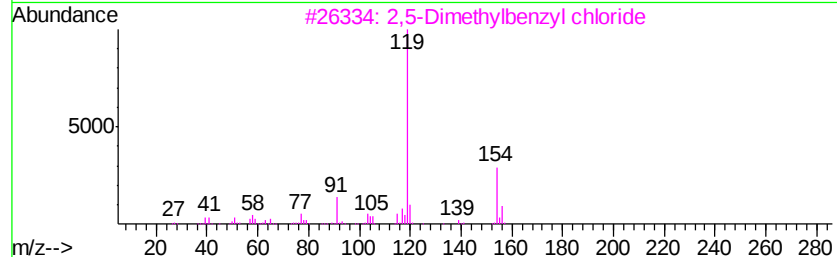
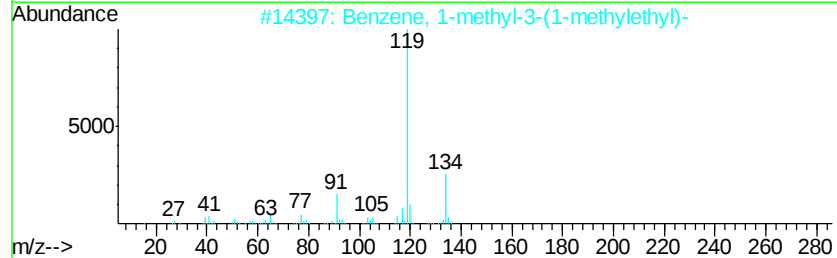
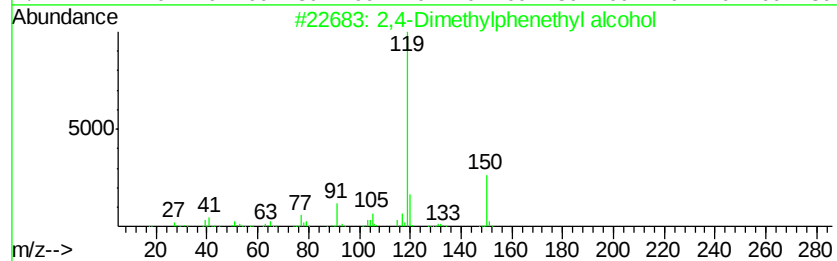
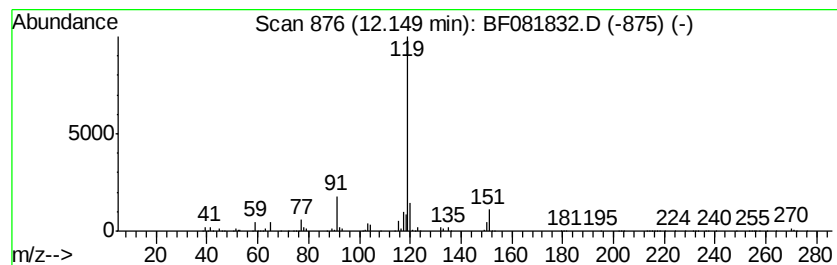
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2,4-Dimethylphenethyl alcohol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	48.80 ng	2403010	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	72
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	72
3		2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	64
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	64
5		1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081832.D
Acq On : 26 Sep 2015 17:25
Operator : UM/IZ
Sample : G3785-02
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MGP221BR-30-32

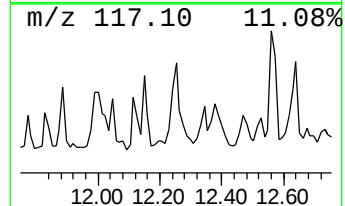
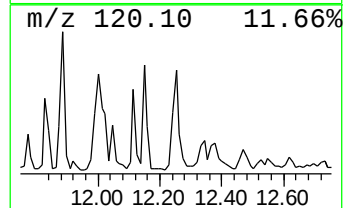
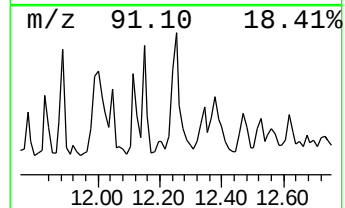
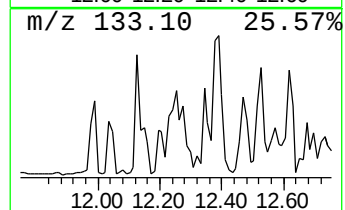
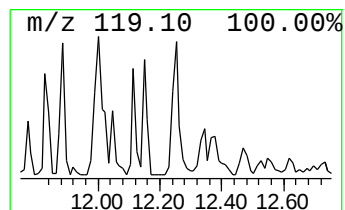
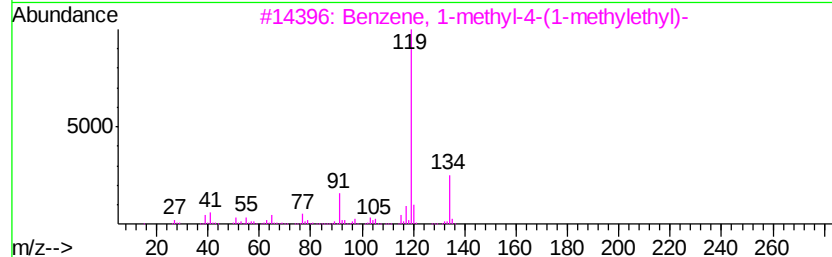
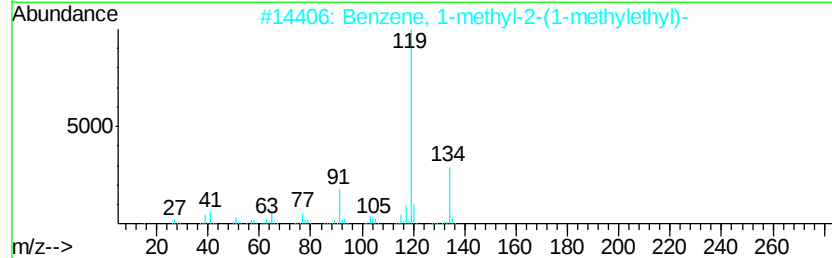
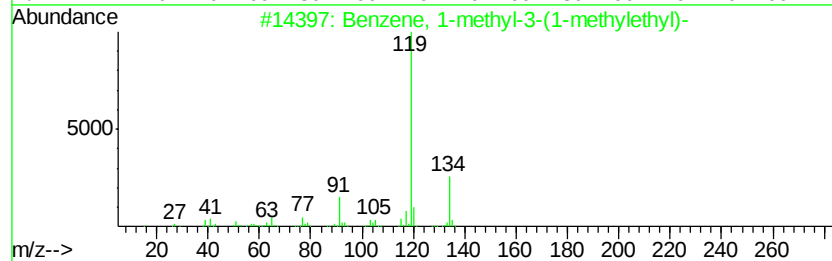
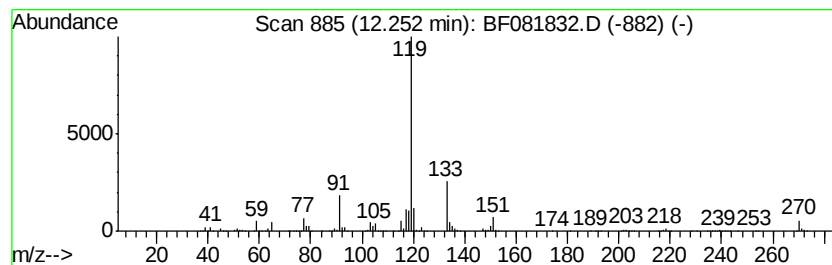
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1-methyl-4-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	104.11 ng	5126310	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
2		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	68
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	64
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
5		2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
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Acq On : 26 Sep 2015 17:25
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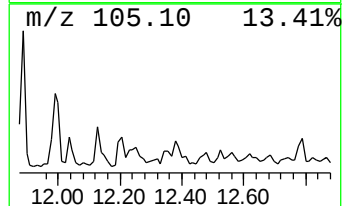
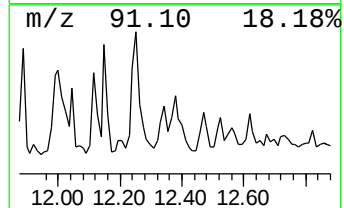
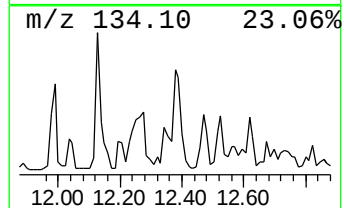
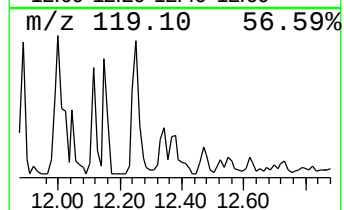
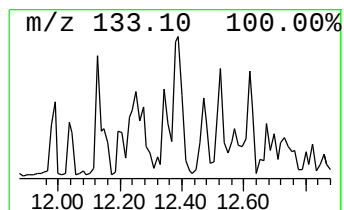
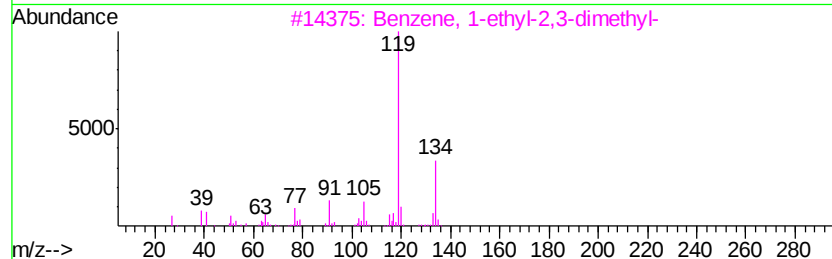
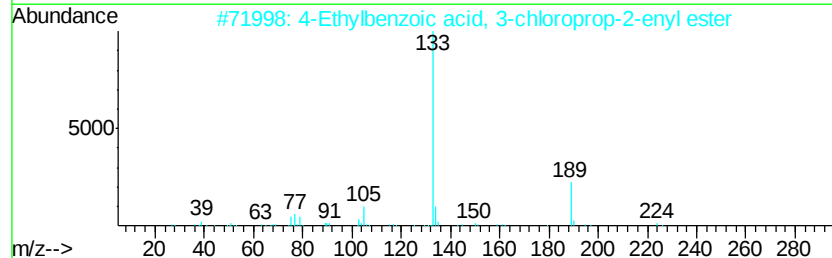
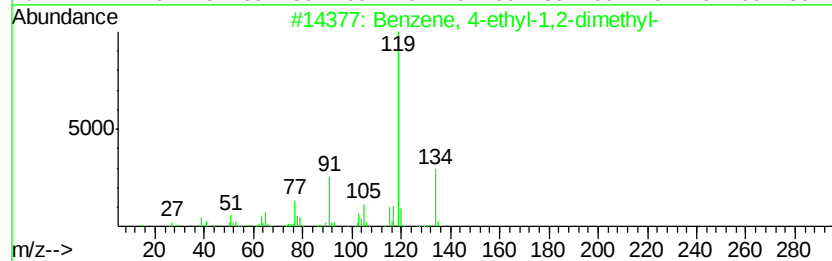
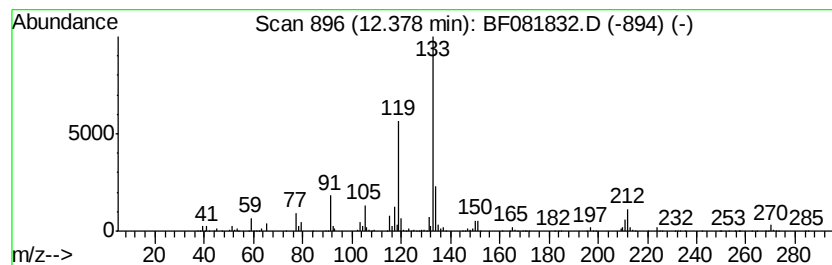
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	78.40 ng	3860250	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
2		4-Ethylbenzoic acid, 3-chloropro...	224	C12H13ClO2	1000292-55-0	46
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081832.D
Acq On : 26 Sep 2015 17:25
Operator : UM/IZ
Sample : G3785-02
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP221BR-30-32

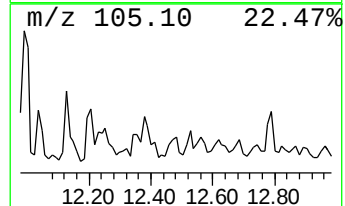
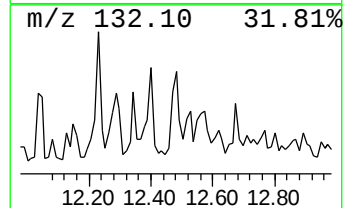
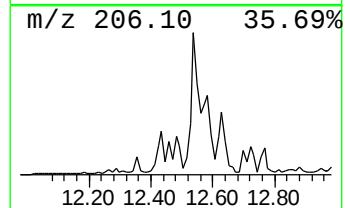
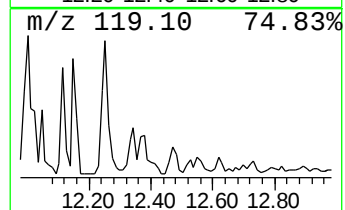
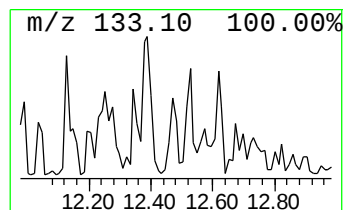
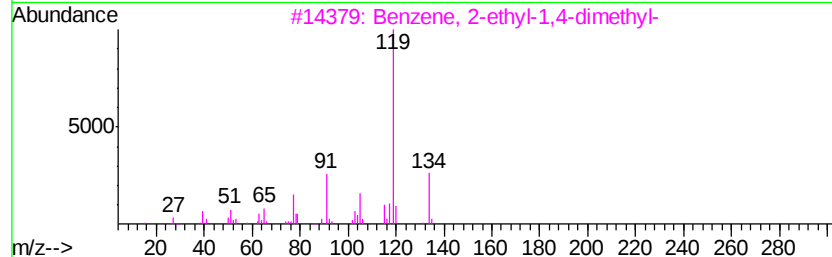
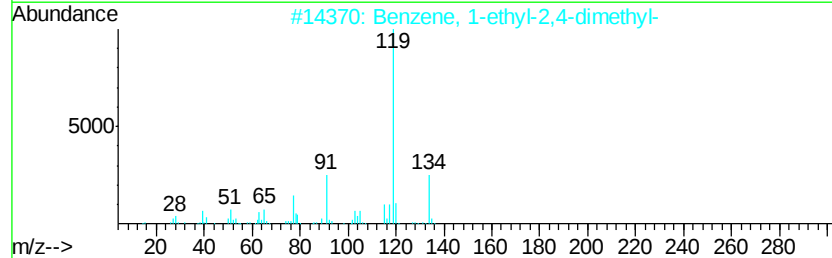
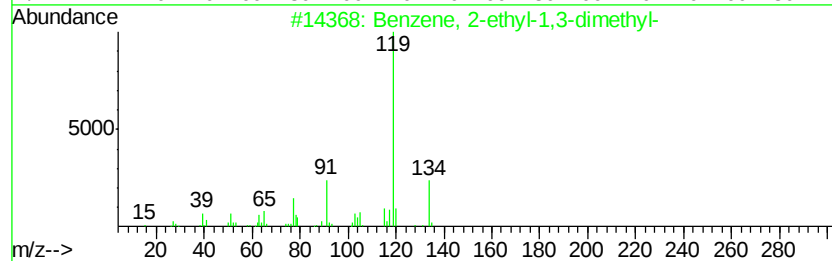
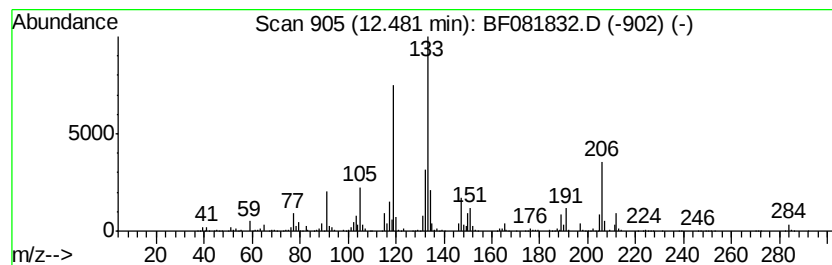
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown12.48 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	49.14 ng	2419700	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	38
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	38
5		Benzenebutanoic acid, 2,5-dimeth...	206	C12H14O3	005394-59-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081832.D
Acq On : 26 Sep 2015 17:25
Operator : UM/IZ
Sample : G3785-02
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP221BR-30-32

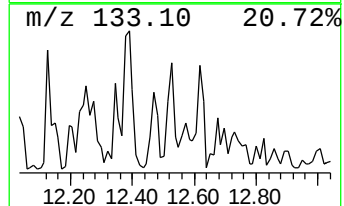
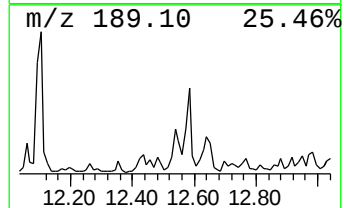
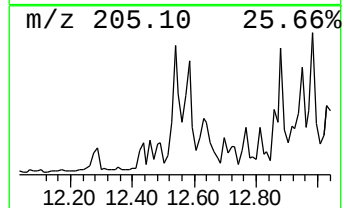
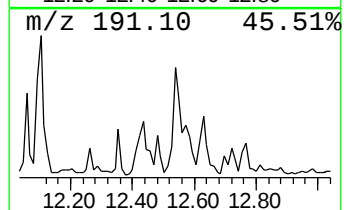
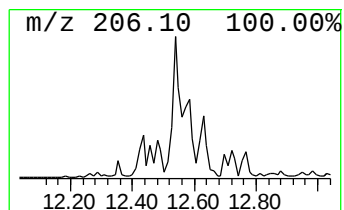
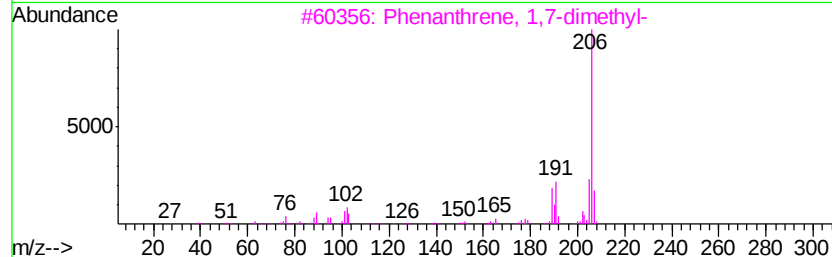
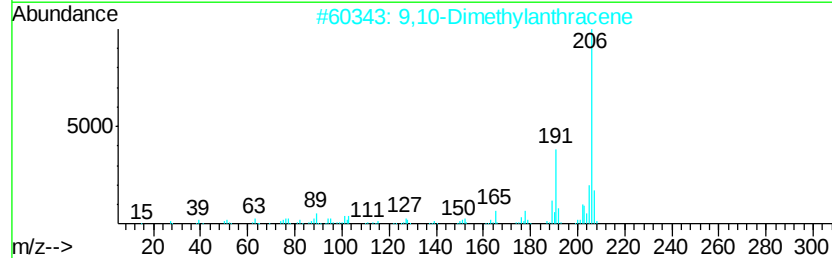
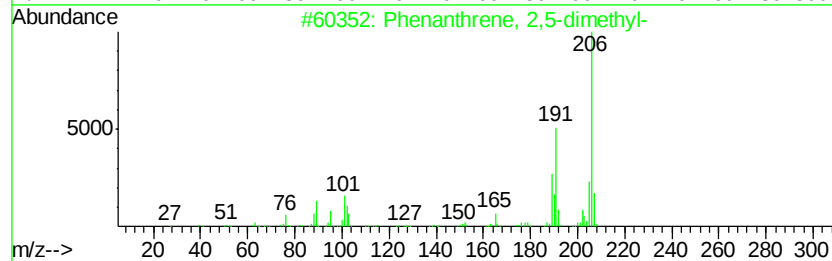
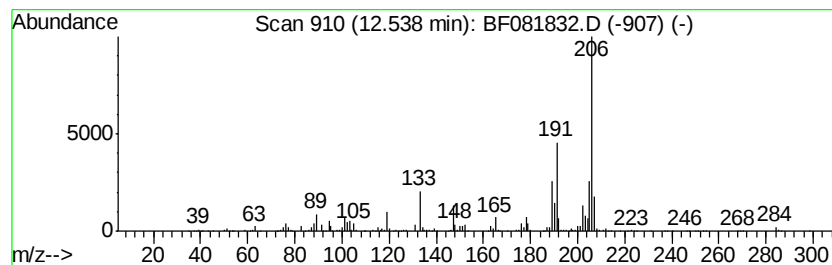
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	78.70 ng	3875280	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081832.D
Acq On : 26 Sep 2015 17:25
Operator : UM/IZ
Sample : G3785-02
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP221BR-30-32

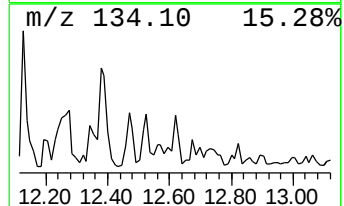
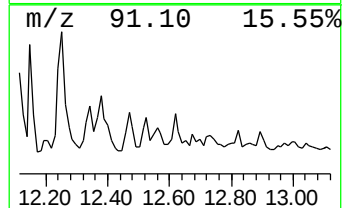
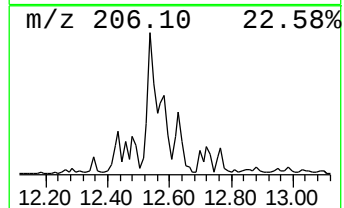
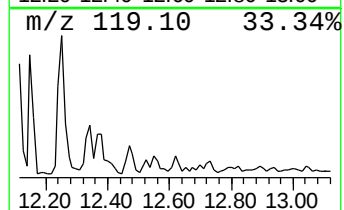
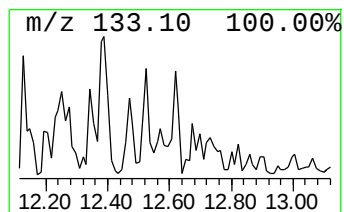
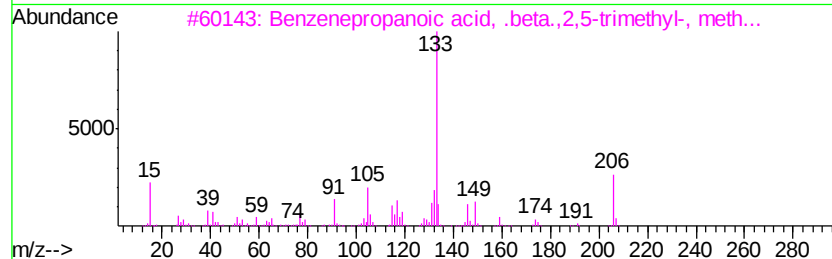
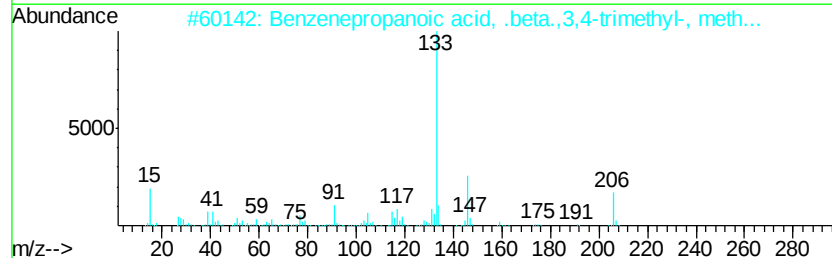
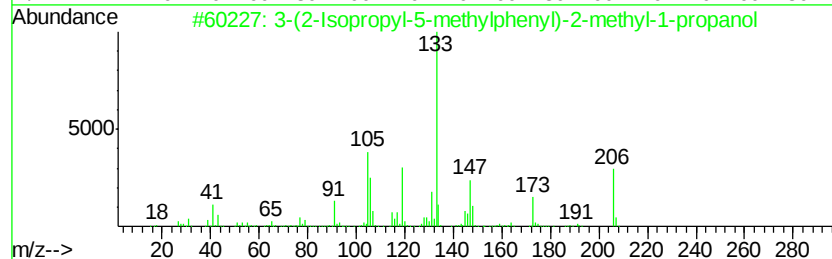
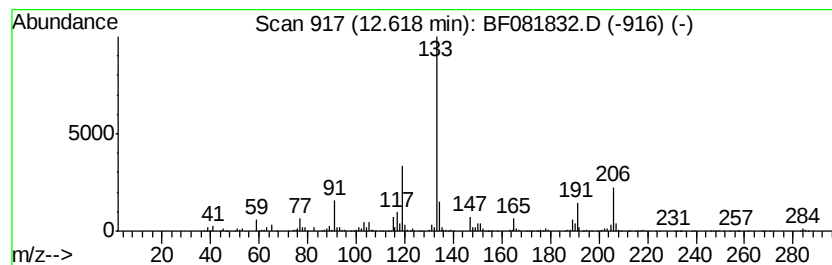
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3-(2-Isopropyl-5-methylphen... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	76.64 ng	3773660	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-(2-Isopropyl-5-methylphenyl)-2...	206	C14H22O	022291-56-1	72
2		Benzenepropanoic acid, .beta.,3,...	206	C13H18O2	056298-99-8	64
3		Benzenepropanoic acid, .beta.,2,...	206	C13H18O2	055683-09-5	59
4		3-(2,4-Dimethylbenzoyl)propionic...	206	C12H14O3	015880-03-2	58
5		2-Bromomethyl-1,3,5-trimethylben...	212	C10H13Br	004761-00-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081832.D
 Acq On : 26 Sep 2015 17:25
 Operator : UM/IZ
 Sample : G3785-02
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP221BR-30-32

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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
1,3,5-Hexatriene,...	3.53	47.5	ng	1953350	1	6.94	823359	20.0
unknown6.71	6.71	63.2	ng	2602500	1	6.94	823359	20.0
Benzene, 1-etheny...	6.79	217.9	ng	8972640	1	6.94	823359	20.0
Benzene, 1-etheny...	6.82	133.6	ng	5500120	1	6.94	823359	20.0
Indene	7.21	93.0	ng	3826580	1	6.94	823359	20.0
2,4-Dimethylstyrene	7.57	104.9	ng	4319690	1	6.94	823359	20.0
Benzene, (1-nitro...	7.81	79.9	ng	7926590	2	8.23	1983420	20.0
Benzene, 1-methyl...	8.46	56.7	ng	5621820	2	8.23	1983420	20.0
Benzene, 1-methyl...	8.51	53.8	ng	5337720	2	8.23	1983420	20.0
Chrysanthemumic a...	11.72	69.6	ng	3427100	4	11.48	984818	20.0
2,4-Dimethylbenzy...	11.89	73.3	ng	3610130	4	11.48	984818	20.0
Benzene, 2-ethyl-...	11.99	159.5	ng	7854430	4	11.48	984818	20.0
Benzene, 1,2,4,5-...	12.12	87.9	ng	4328660	4	11.48	984818	20.0
2,4-Dimethylphen...	12.15	48.8	ng	2403010	4	11.48	984818	20.0
Benzene, 1-methyl...	12.25	104.1	ng	5126310	4	11.48	984818	20.0
Benzene, 4-ethyl-...	12.38	78.4	ng	3860250	4	11.48	984818	20.0
unknown12.48	12.48	49.1	ng	2419700	4	11.48	984818	20.0
Phenanthrene, 2,5...	12.54	78.7	ng	3875280	4	11.48	984818	20.0
3-(2-Isopropyl-5-...	12.62	76.6	ng	3773660	4	11.48	984818	20.0