

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
 Data File : BF115021.D
 Acq On : 14 Jun 2019 00:03
 Operator : HP/JU
 Sample : K3345-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-1 061219

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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	3.581	245	254	261	rBV	936967	1506445	7.69%	0.602%
2	5.122	508	516	519	rBV	8767418	12211951	62.31%	4.877%
3	5.257	528	539	542	rBV2	10985359	19599889	100.00%	7.828%
4	5.493	573	579	583	rBV	8344145	10664405	54.41%	4.259%
5	5.816	626	634	637	rBV	2449393	2278564	11.63%	0.910%
6	6.110	680	684	687	rVB	2962027	2546487	12.99%	1.017%
7	6.175	687	695	698	rBV	1978765	1981183	10.11%	0.791%
8	6.210	698	701	704	rVB	6247771	5888944	30.05%	2.352%
9	6.263	704	710	712	rBV	7852165	8414988	42.93%	3.361%
10	6.293	712	715	719	rVV	1979552	2111899	10.78%	0.843%
11	6.340	719	723	726	rVB	5476031	4792305	24.45%	1.914%
12	6.422	731	737	740	rBV	5015452	5671392	28.94%	2.265%
13	6.492	740	749	752	rVB	10581977	17226618	87.89%	6.880%
14	6.610	764	769	772	rBV2	515587	576674	2.94%	0.230%
15	6.645	772	775	779	rBV	1626978	1497430	7.64%	0.598%
16	6.692	779	783	784	rBV	1130247	1280382	6.53%	0.511%
17	6.716	784	787	789	rVV	7446110	7310152	37.30%	2.920%
18	6.734	789	790	796	rVB	555218	386432	1.97%	0.154%
19	6.810	798	803	805	rBV	5012662	5815790	29.67%	2.323%
20	6.834	805	807	810	rVB	5403985	4115366	21.00%	1.644%
21	6.904	810	819	821	rBV	1644121	1528026	7.80%	0.610%
22	6.934	821	824	827	rVB	2518689	2054850	10.48%	0.821%
23	6.981	827	832	834	rBV2	4870332	4685541	23.91%	1.871%
24	6.998	834	835	840	rVB	679086	429757	2.19%	0.172%
25	7.051	840	844	847	rBV	2066605	1851026	9.44%	0.739%
26	7.128	852	857	858	rBV	2311035	2421685	12.36%	0.967%
27	7.145	858	860	864	rVB	2400608	2231877	11.39%	0.891%
28	7.198	864	869	870	rBV2	5105235	5273344	26.90%	2.106%
29	7.216	870	872	882	rVB3	4283335	5427352	27.69%	2.168%
30	7.304	883	887	890	rBV3	680594	796956	4.07%	0.318%
31	7.339	890	893	896	rVB2	1947471	1634643	8.34%	0.653%
32	7.375	896	899	902	rVB2	475713	406405	2.07%	0.162%
33	7.428	902	908	910	rBV	3200610	3119073	15.91%	1.246%
34	7.457	910	913	916	rVB	4447238	4104675	20.94%	1.639%

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 Integrator: RTE
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.545	923	928	930	rBV2	220629	280470	1.43%	0.112%
36	7.569	930	932	933	rBV	370581	282075	1.44%	0.113%
37	7.604	933	938	945	rVB5	1860629	2737987	13.97%	1.094%
38	7.675	945	950	953	rBV2	5826602	7259398	37.04%	2.899%
39	7.710	953	956	959	rVB	833093	714278	3.64%	0.285%
40	7.775	959	967	970	rVB3	3347553	3734603	19.05%	1.492%
41	7.810	970	973	976	rVB	462852	435033	2.22%	0.174%
42	7.898	982	988	990	rBV4	534781	848054	4.33%	0.339%
43	7.928	990	993	995	rVV	3077983	3724552	19.00%	1.488%
44	7.957	995	998	1001	rVV	8021498	8406160	42.89%	3.357%
45	7.981	1001	1002	1005	rVB	1011438	649068	3.31%	0.259%
46	8.028	1005	1010	1014	rVB3	553032	636616	3.25%	0.254%
47	8.063	1014	1016	1018	rVB	302463	211983	1.08%	0.085%
48	8.092	1018	1021	1023	rBV	513181	465679	2.38%	0.186%
49	8.128	1023	1027	1030	rBV2	764805	672645	3.43%	0.269%
50	8.175	1030	1035	1037	rBV	585933	547444	2.79%	0.219%
51	8.198	1037	1039	1043	rBV2	453726	539840	2.75%	0.216%
52	8.316	1056	1059	1065	rVB2	826383	884331	4.51%	0.353%
53	8.375	1065	1069	1071	rBV3	480590	643910	3.29%	0.257%
54	8.398	1071	1073	1075	rBV	584300	407815	2.08%	0.163%
55	8.434	1075	1079	1083	rVB	1693243	1626728	8.30%	0.650%
56	8.498	1087	1090	1091	rBV	309395	245399	1.25%	0.098%
57	8.522	1091	1094	1095	rBV2	343661	290509	1.48%	0.116%
58	8.592	1102	1106	1108	rBV	1547028	1481055	7.56%	0.592%
59	8.645	1110	1115	1118	rVB	6458092	6580834	33.58%	2.628%
60	8.739	1127	1131	1135	rBV	5250544	5518067	28.15%	2.204%
61	8.875	1151	1154	1156	rBV3	254190	237271	1.21%	0.095%
62	8.898	1156	1158	1160	rVV3	367722	361145	1.84%	0.144%
63	8.922	1160	1162	1164	rVV2	300775	283633	1.45%	0.113%
64	8.963	1165	1169	1172	rVV3	795393	1085563	5.54%	0.434%
65	9.010	1172	1177	1179	rVV	6825473	7169437	36.58%	2.863%
66	9.034	1179	1181	1188	rVB2	1239119	1040245	5.31%	0.415%
67	9.104	1188	1193	1199	rBV4	1132783	1880392	9.59%	0.751%
68	9.157	1200	1202	1204	rVV2	353100	300084	1.53%	0.120%
69	9.198	1207	1209	1214	rVB	655986	711203	3.63%	0.284%
70	9.263	1216	1220	1224	rBV	1408178	1795396	9.16%	0.717%
71	9.339	1228	1233	1235	rVV	2202605	2473099	12.62%	0.988%

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72	9.363	1235	1237	1241	rVB	2076846	1931885	9.86%	0.772%
73	9.451	1248	1252	1257	rVB2	803136	1385303	7.07%	0.553%
74	9.533	1264	1266	1268	rVB2	386995	289173	1.48%	0.115%
75	9.563	1268	1271	1275	rBV5	145235	200120	1.02%	0.080%
76	9.628	1279	1282	1285	rVB2	281410	275651	1.41%	0.110%
77	9.675	1285	1290	1293	rBV	2817311	2842729	14.50%	1.135%
78	9.704	1293	1295	1299	rVB5	287487	279976	1.43%	0.112%
79	9.757	1300	1304	1306	rBV2	344138	364602	1.86%	0.146%
80	9.880	1322	1325	1327	rVB	331871	278012	1.42%	0.111%
81	9.945	1334	1336	1338	rBV2	227684	231882	1.18%	0.093%
82	9.969	1338	1340	1341	rVV	271569	249585	1.27%	0.100%
83	9.992	1341	1344	1346	rVV2	417360	574378	2.93%	0.229%
84	10.016	1346	1348	1349	rVV	400382	373289	1.90%	0.149%
85	10.033	1349	1351	1356	rVV3	633939	859587	4.39%	0.343%
86	10.110	1360	1364	1369	rVB4	813314	1131980	5.78%	0.452%
87	10.216	1379	1382	1384	rBV2	357551	293097	1.50%	0.117%
88	10.245	1384	1387	1390	rVB2	421715	399674	2.04%	0.160%
89	10.363	1404	1407	1412	rVB5	330691	532716	2.72%	0.213%
90	10.428	1413	1418	1419	rBV3	264094	389669	1.99%	0.156%
91	10.463	1419	1424	1427	rVB	4217116	4091769	20.88%	1.634%
92	10.710	1464	1466	1472	rVB4	181082	239359	1.22%	0.096%
93	11.151	1537	1541	1544	rBV	2320632	2102484	10.73%	0.840%
94	11.698	1631	1634	1639	rBV	767886	811714	4.14%	0.324%
95	12.474	1763	1766	1780	rVB2	301580	436490	2.23%	0.174%
96	12.733	1805	1810	1813	rBV	6924325	7008302	35.76%	2.799%
97	12.769	1813	1816	1827	rVB2	180432	225499	1.15%	0.090%
98	13.651	1962	1966	1982	rVV	214991	384497	1.96%	0.154%
99	13.768	1982	1986	1995	rVB	1882943	1714958	8.75%	0.685%
100	15.145	2215	2220	2225	rBV	1269739	1480363	7.55%	0.591%

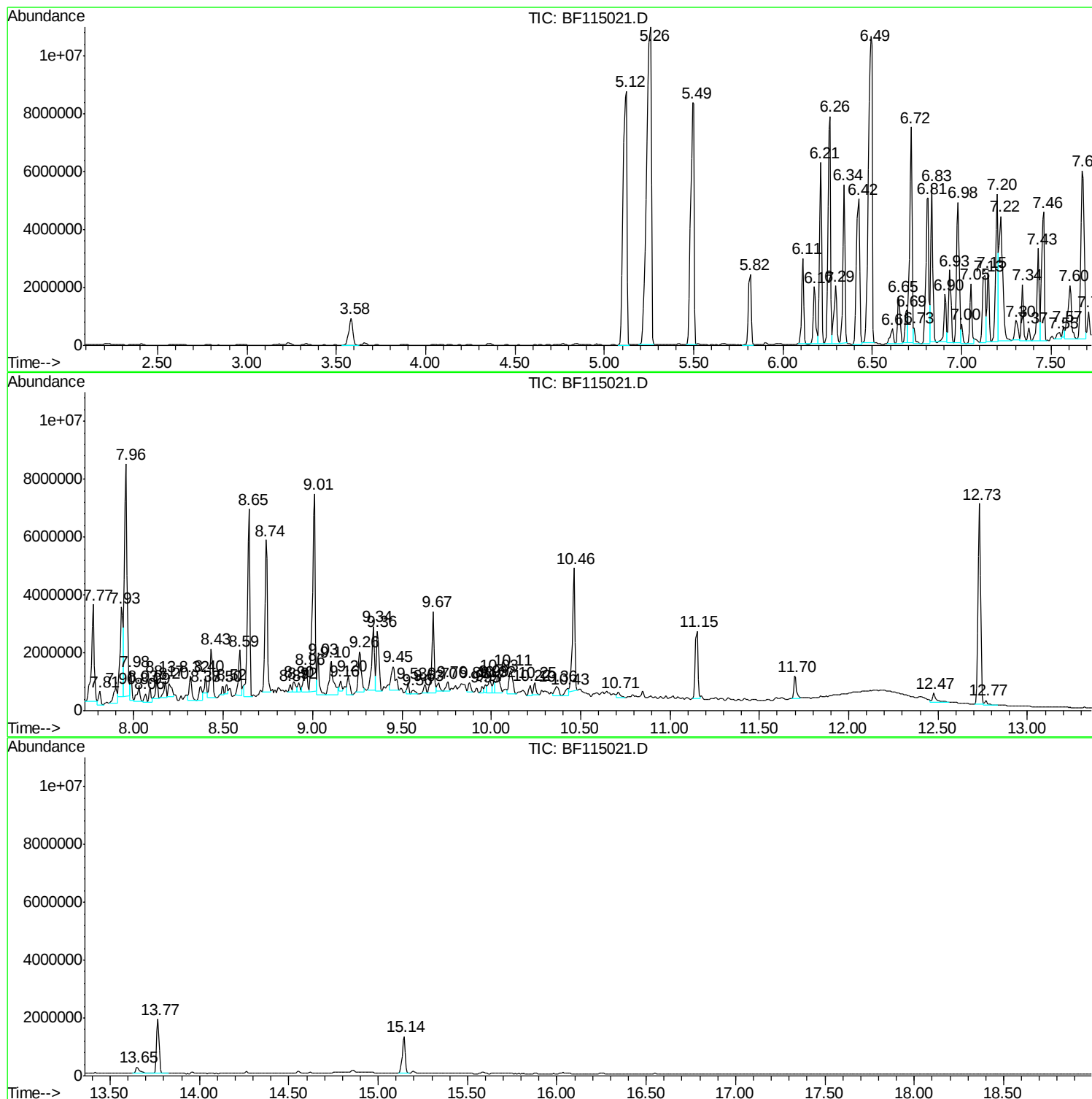
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Instrument :
BNA_F
ClientSampleId :
PR-MW-1 061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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PR-MW-1 061219

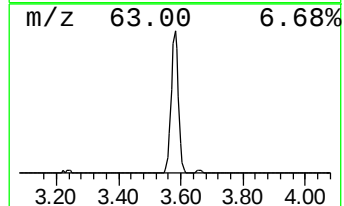
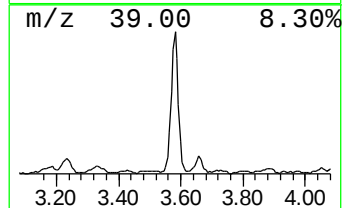
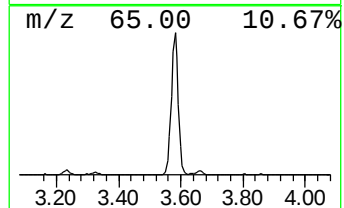
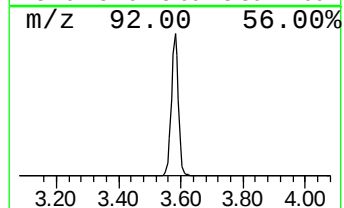
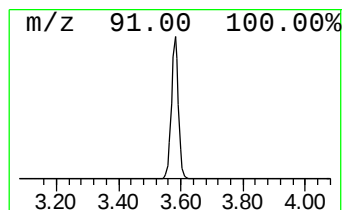
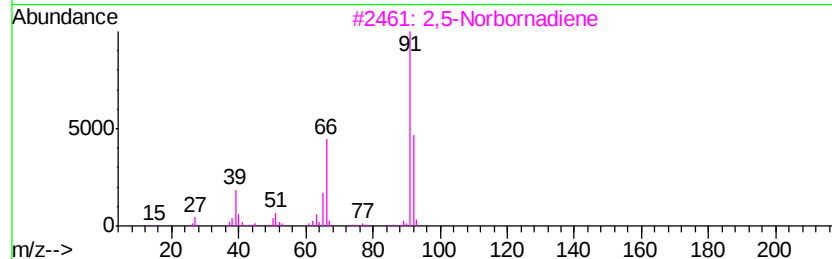
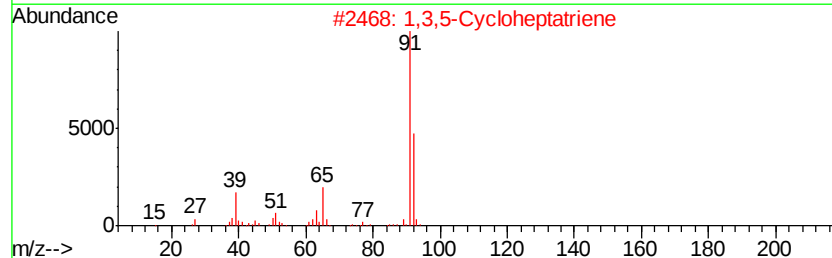
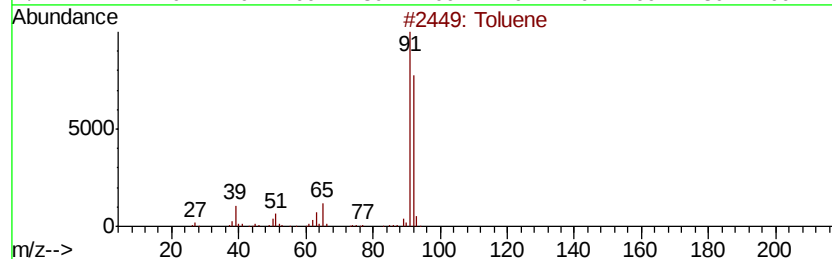
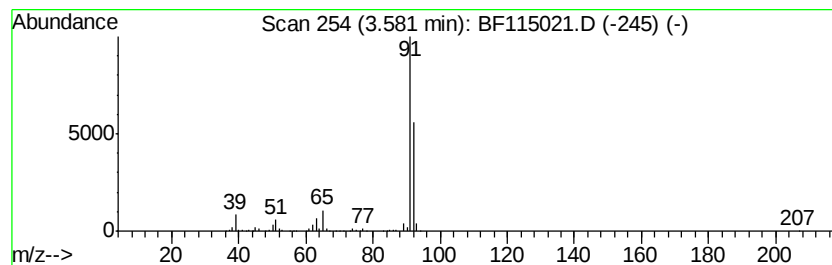
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.58	20.12 ng	1506450	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	95
2		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3		2,5-Norbornadiene	92	C7H8	000121-46-0	64
4		Tetracyclo[3.2.0.0(2,7).0(4,6)]h...	92	C7H8	000278-06-8	64
5		Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	64



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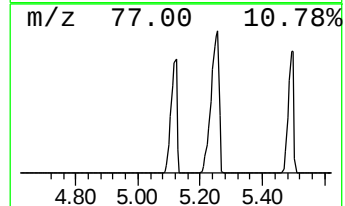
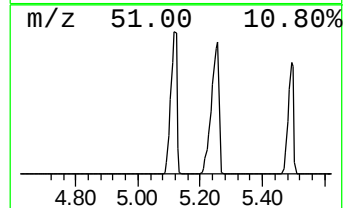
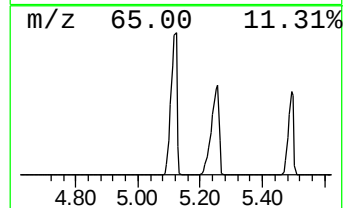
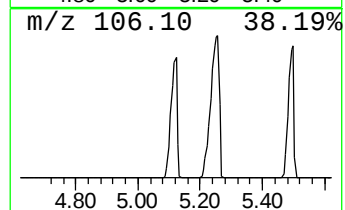
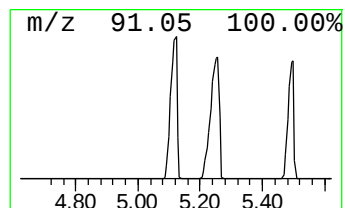
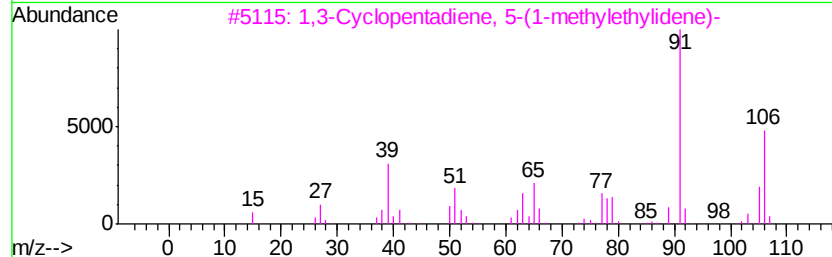
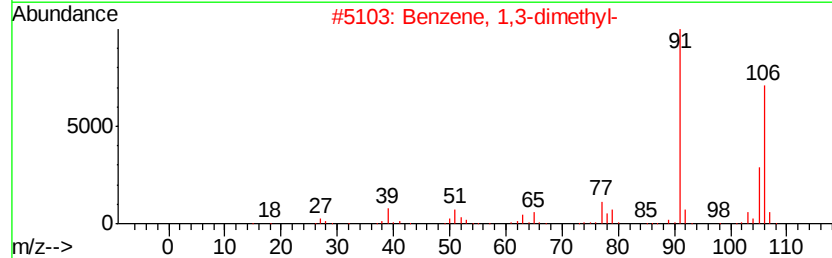
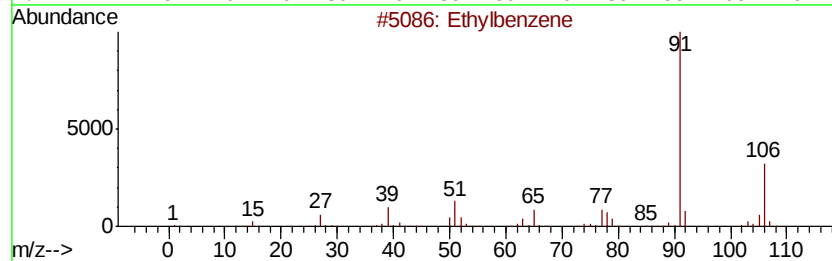
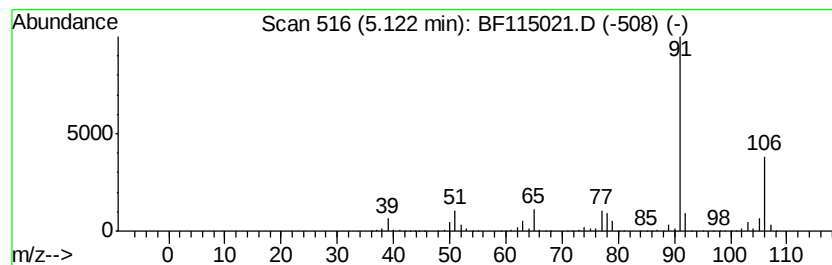
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	163.11 ng	12212000	1,4-Dichlorobenzene-d4	6.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethylbenzene	106	C8H10	000100-41-4	94
2			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91
3			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	80
4			p-Xylene	106	C8H10	000106-42-3	80
5			o-Xylene	106	C8H10	000095-47-6	80



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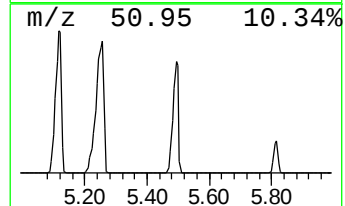
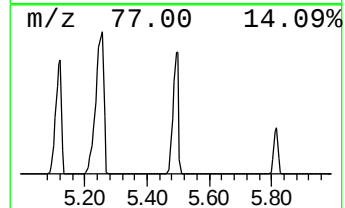
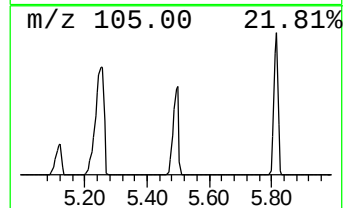
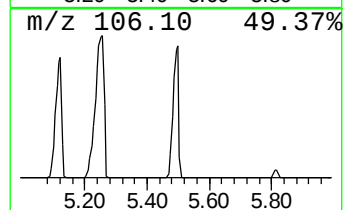
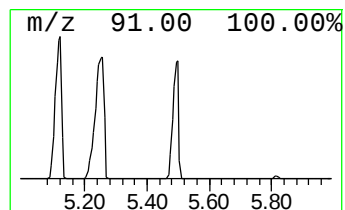
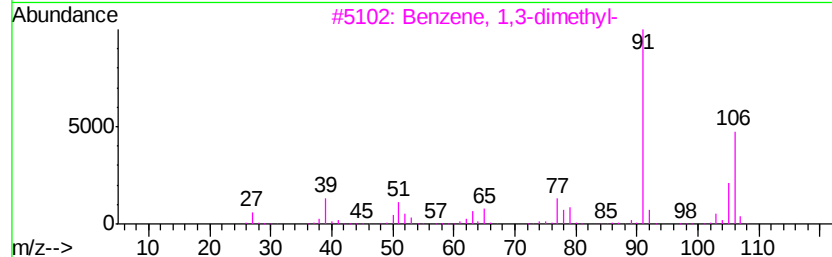
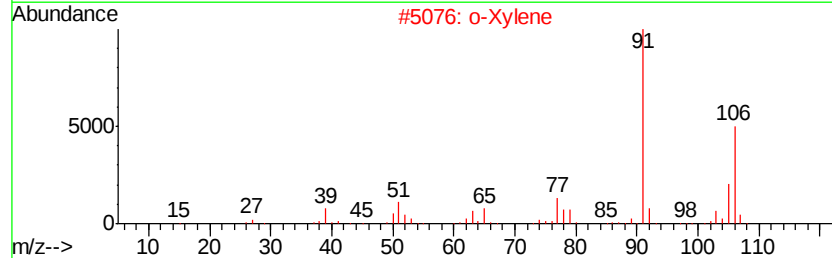
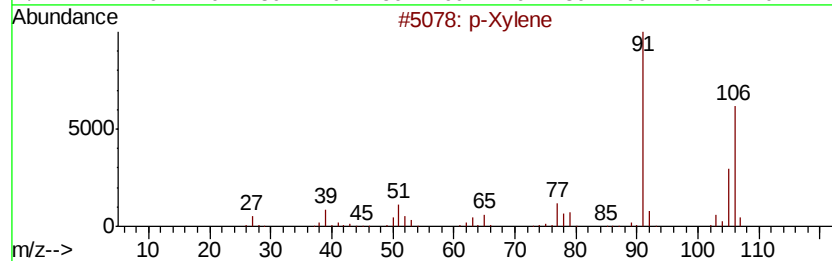
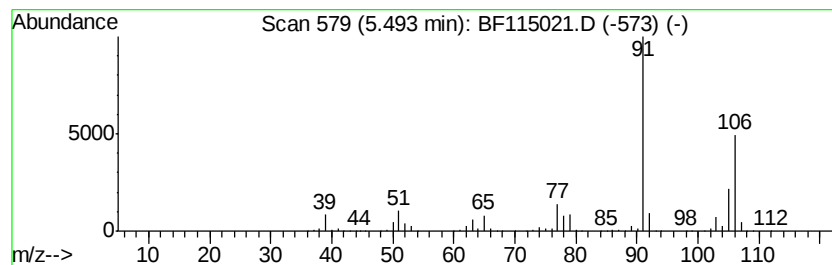
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ClientSampled :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.49	142.44 ng	10664400	1,4-Dichlorobenzene-d4	6.65	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115021.D
Acq On : 14 Jun 2019 00:03
Operator : HP/JU
Sample : K3345-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR-MW-1 061219

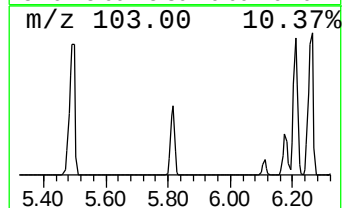
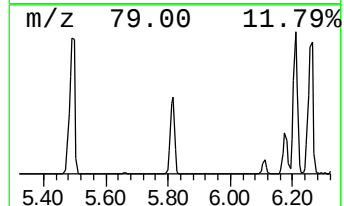
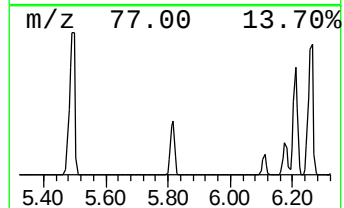
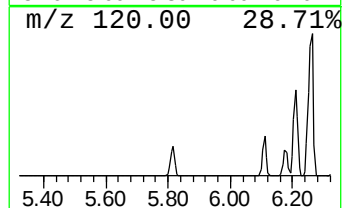
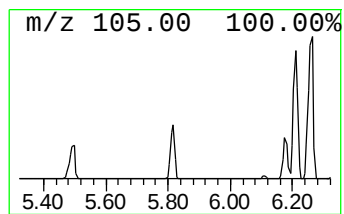
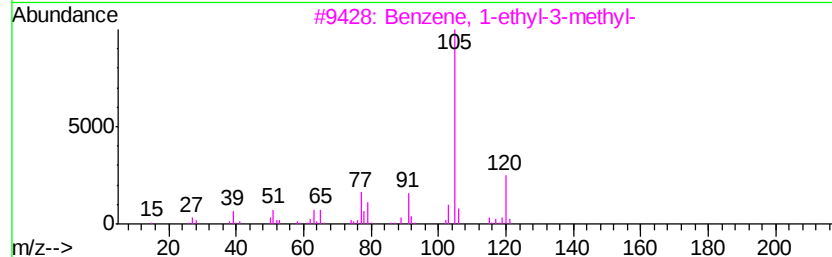
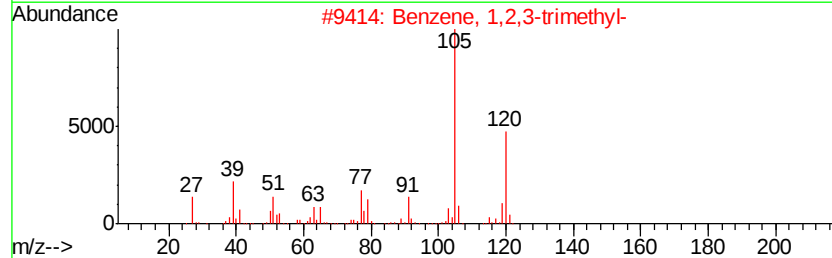
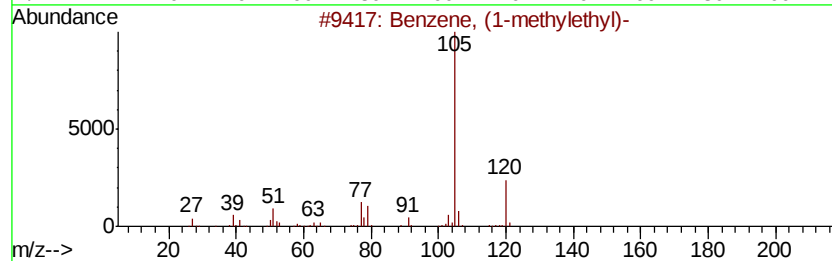
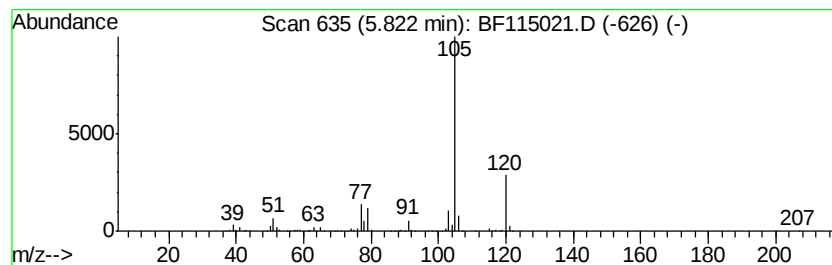
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	30.43 ng	2278560	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
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Misc :
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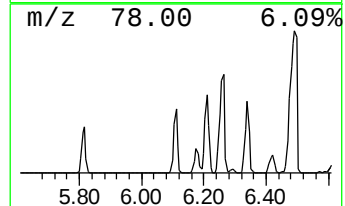
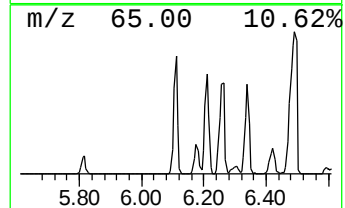
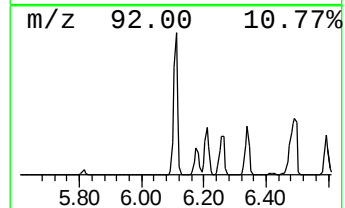
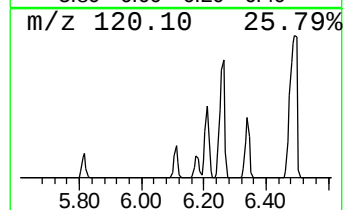
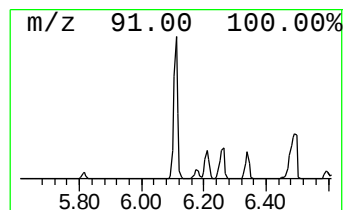
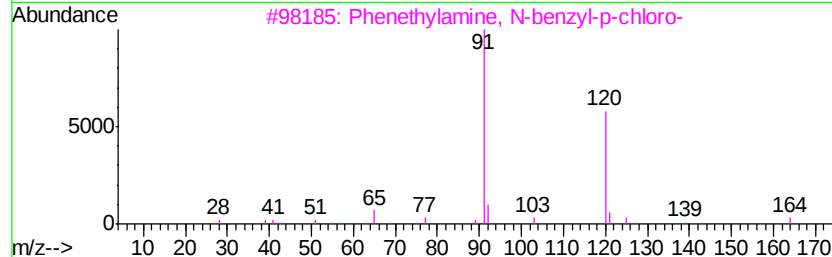
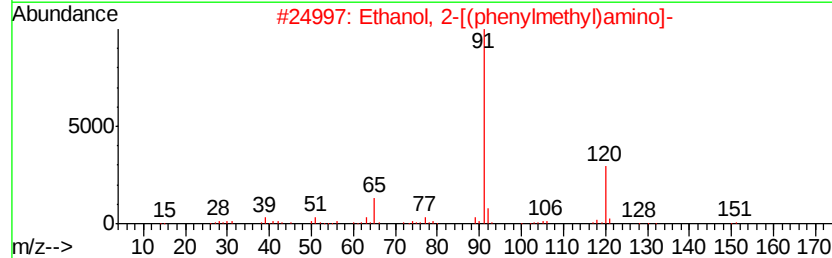
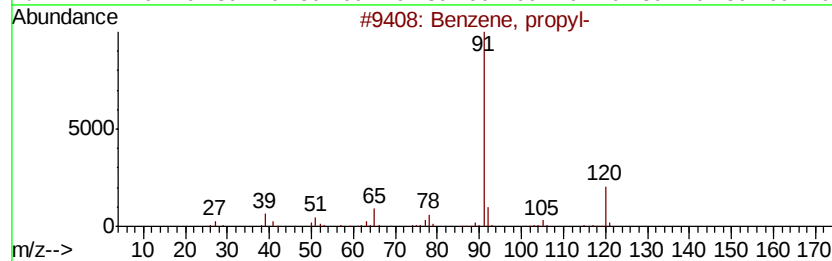
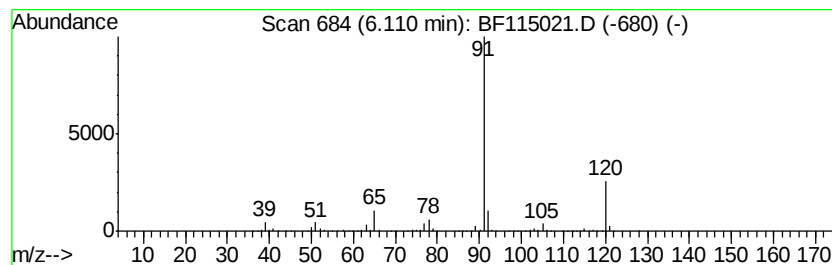
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	34.01 ng	2546490	1,4-Dichlorobenzene-d4	6.65
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, propyl-	120 C9H12	000103-65-1 91
2		Ethanol, 2-[(phenylmethyl)amino]-	151 C9H13NO	000104-63-2 72
3		Phenethylamine, N-benzyl-p-chloro-	245 C15H16ClN	013622-43-0 72
4		n-Butylbenzylamine	163 C11H17N	002403-22-7 72
5		1,2-Ethanediamine, N,N'-bis(phen...	240 C16H20N2	000140-28-3 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115021.D
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ClientSampleId :
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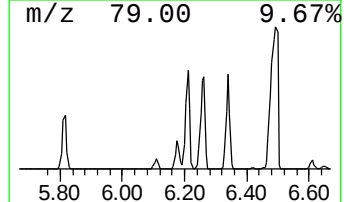
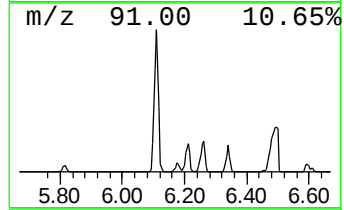
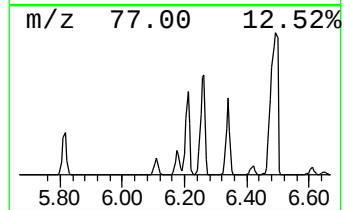
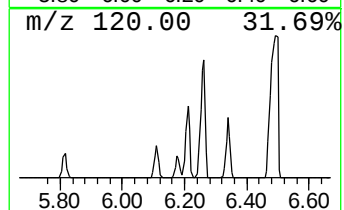
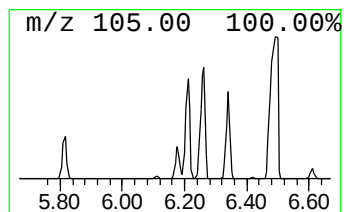
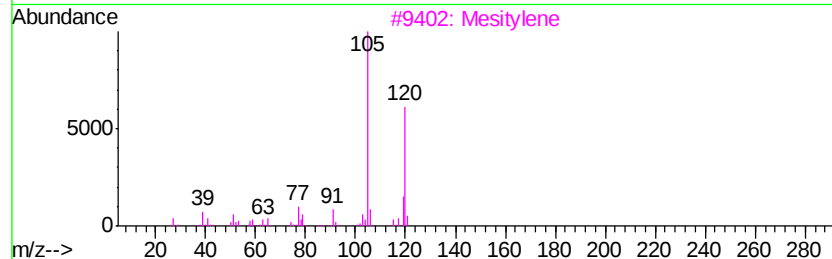
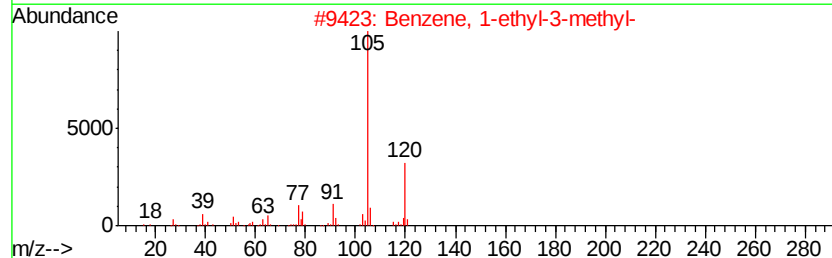
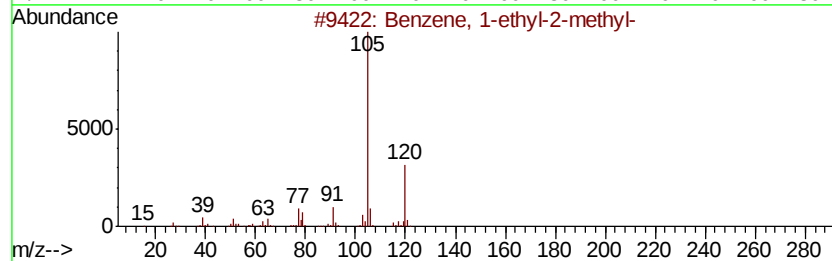
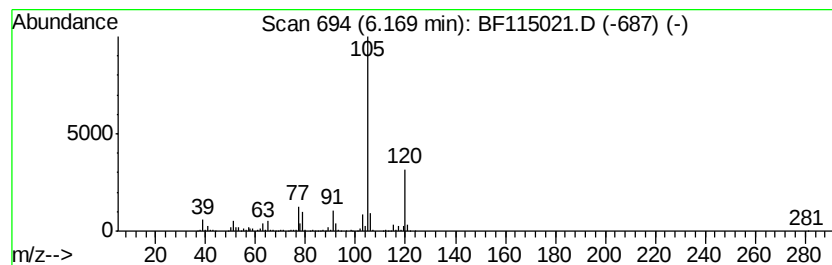
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	26.46 ng	1981180	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115021.D
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Instrument :
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PR-MW-1 061219

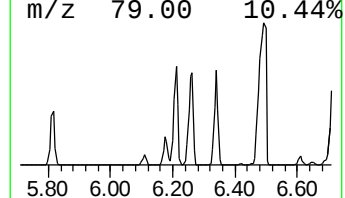
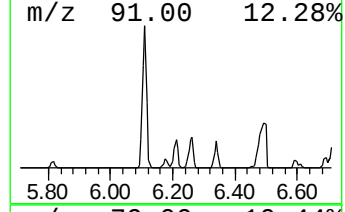
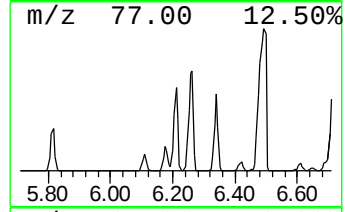
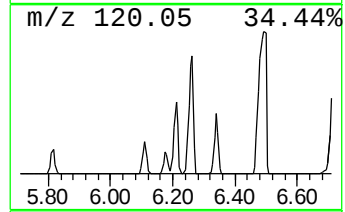
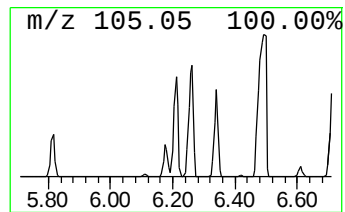
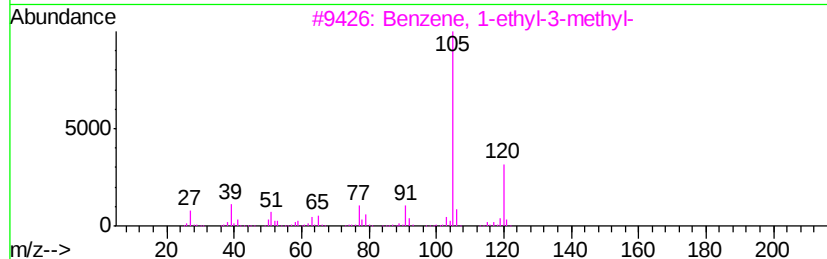
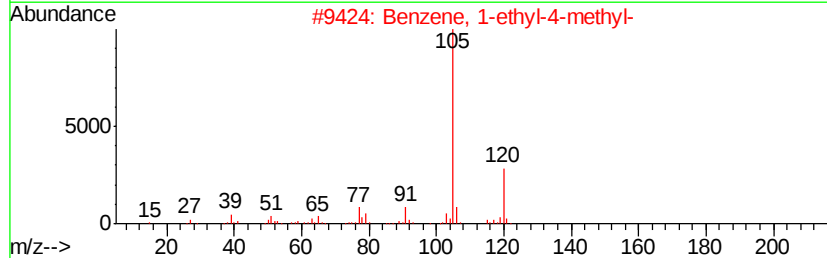
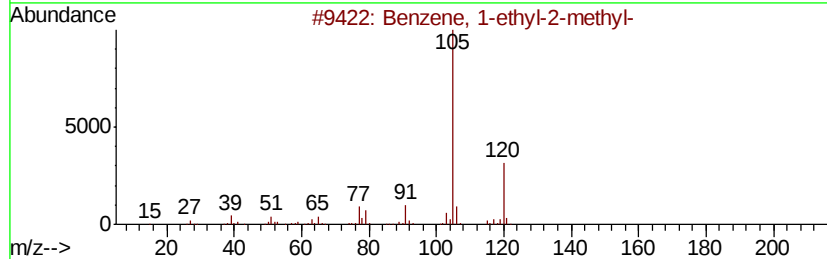
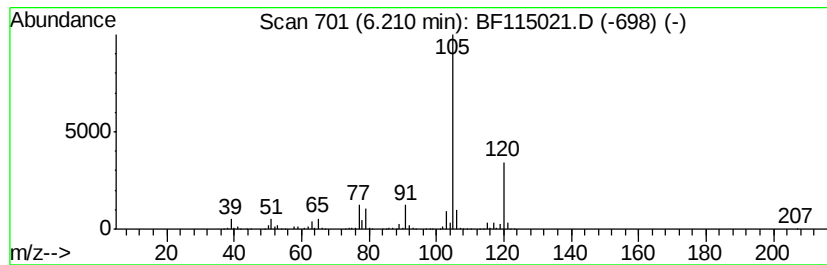
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	78.65 ng	5888940	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
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ALS Vial : 17 Sample Multiplier: 1

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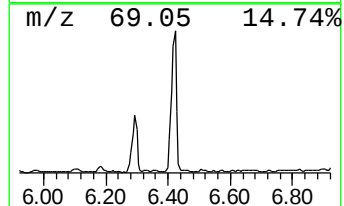
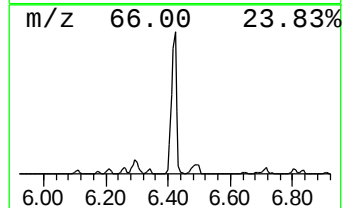
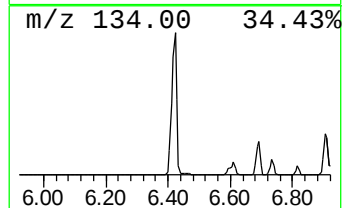
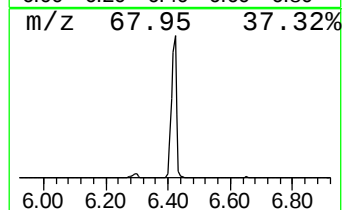
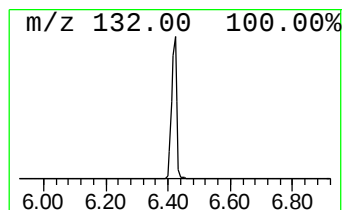
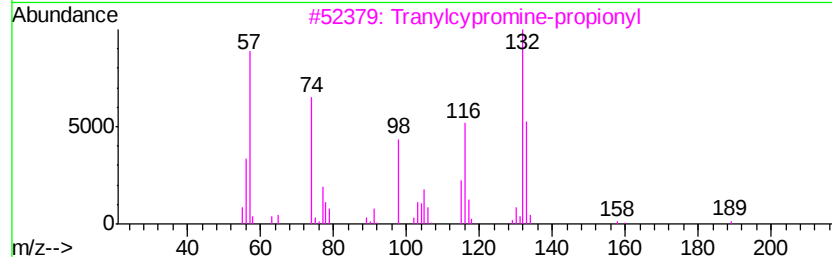
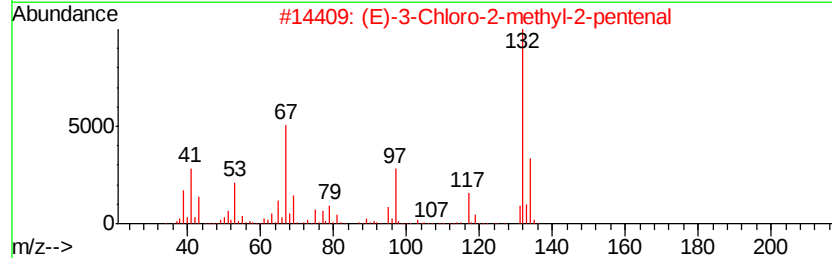
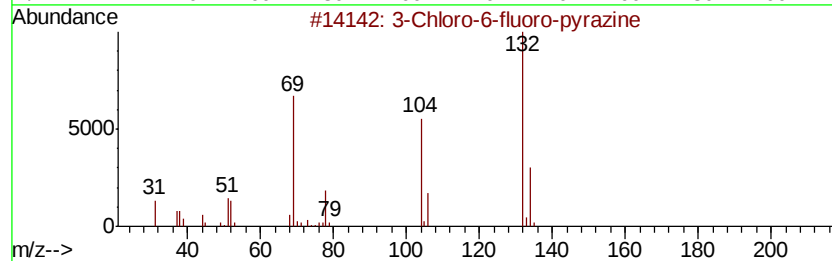
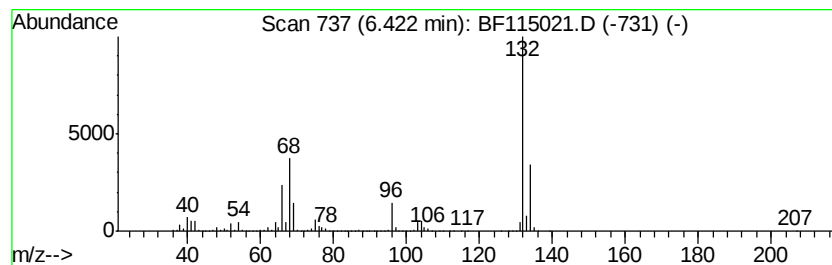
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown6.42 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	75.75 ng	5671390	1,4-Dichlorobenzene-d4	6.65

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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
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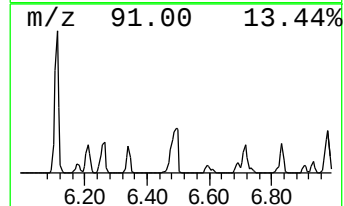
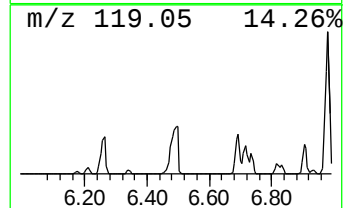
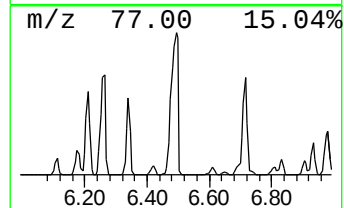
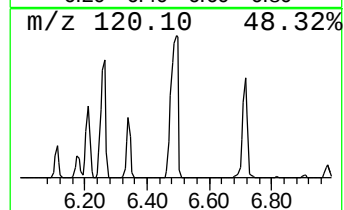
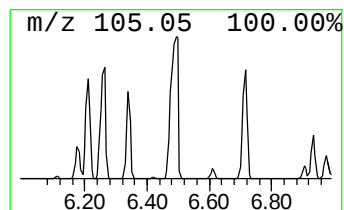
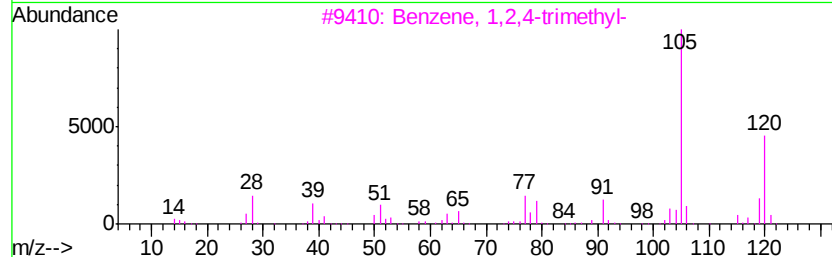
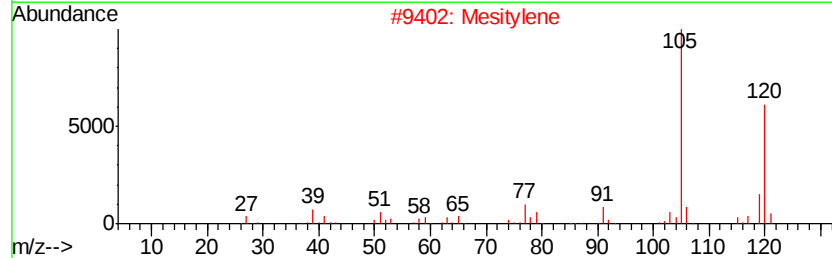
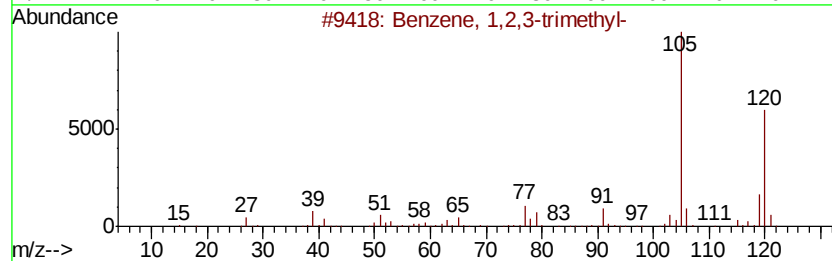
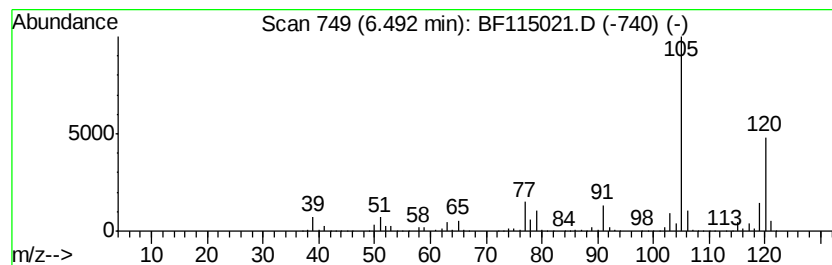
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.49	230.08 ng	17226600	1,4-Dichlorobenzene-d4	6.65		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115021.D
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PR-MW-1 061219

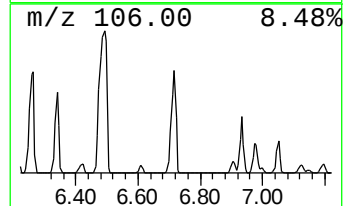
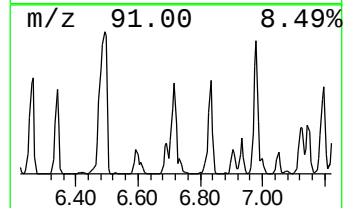
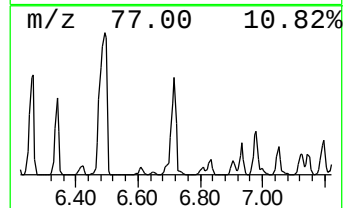
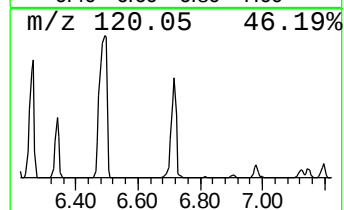
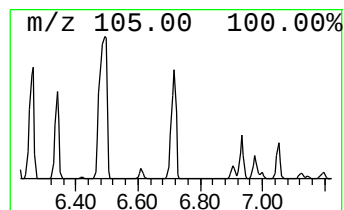
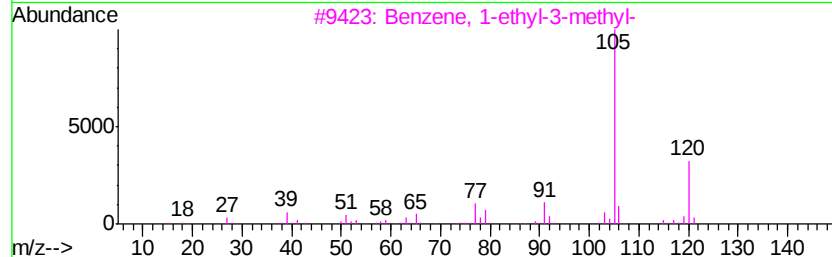
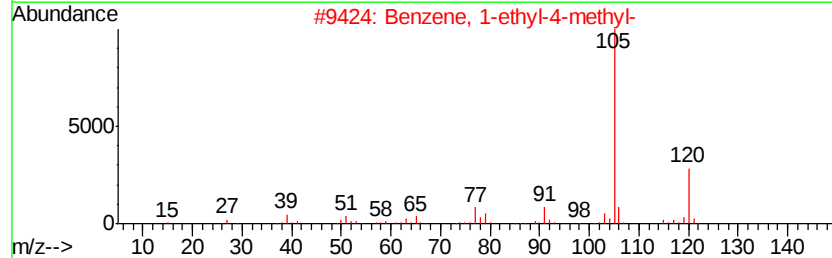
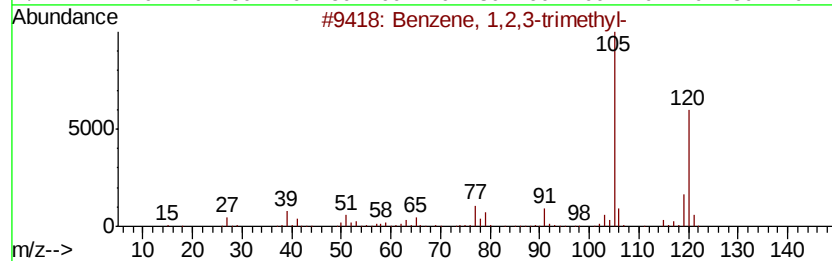
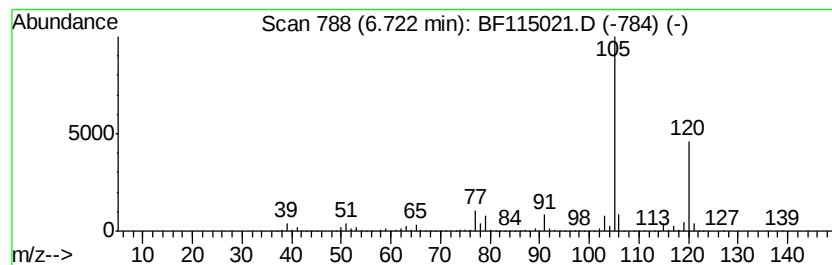
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	97.64 ng	7310150	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115021.D
Acq On : 14 Jun 2019 00:03
Operator : HP/JU
Sample : K3345-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR-MW-1 061219

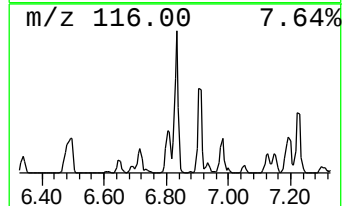
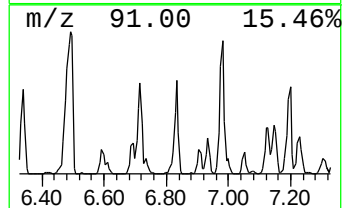
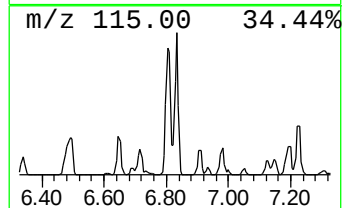
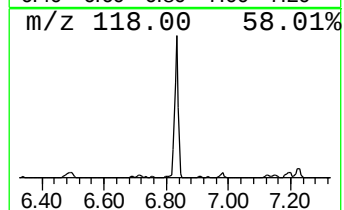
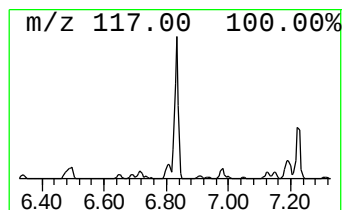
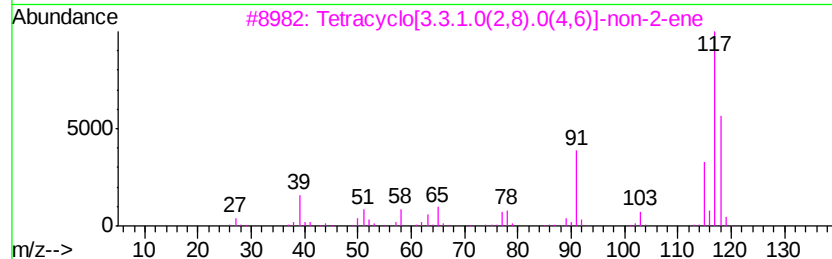
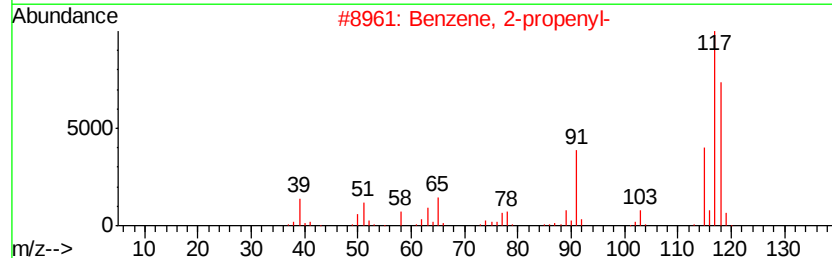
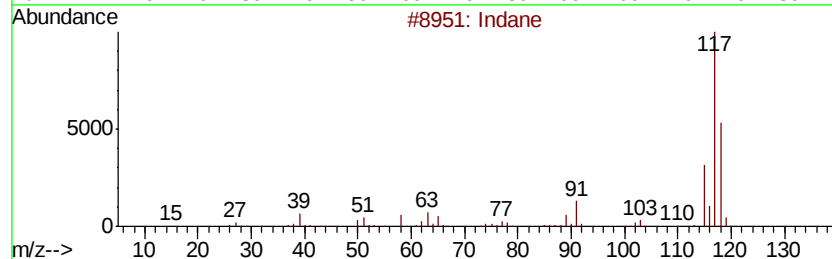
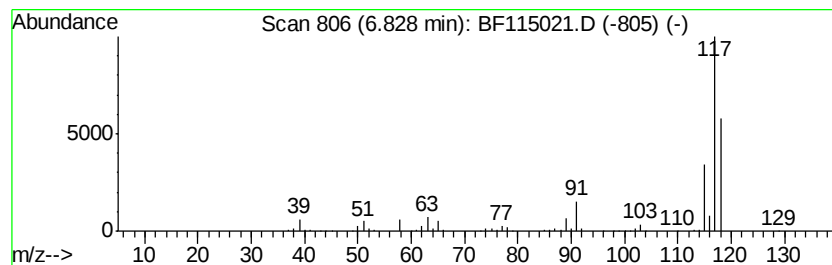
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	54.97 ng	4115370	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	87
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	80
3		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	72
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115021.D
Acq On : 14 Jun 2019 00:03
Operator : HP/JU
Sample : K3345-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR-MW-1 061219

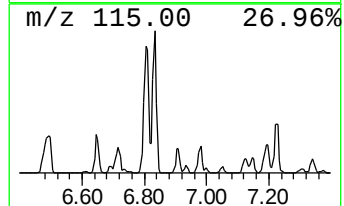
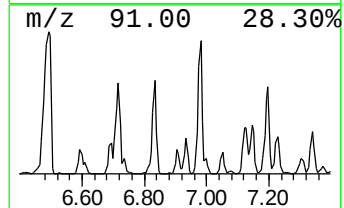
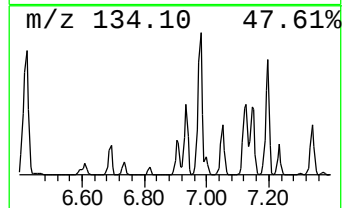
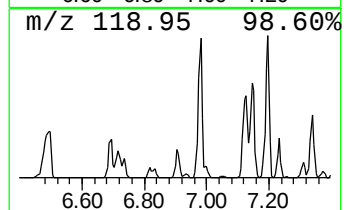
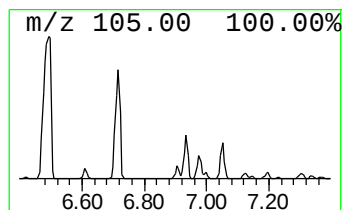
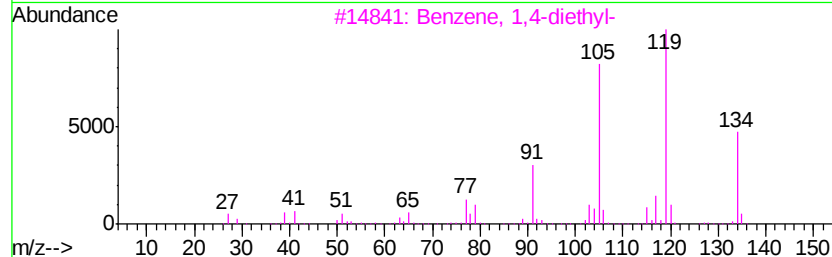
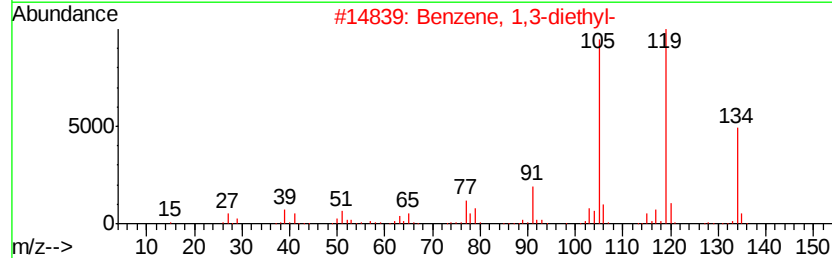
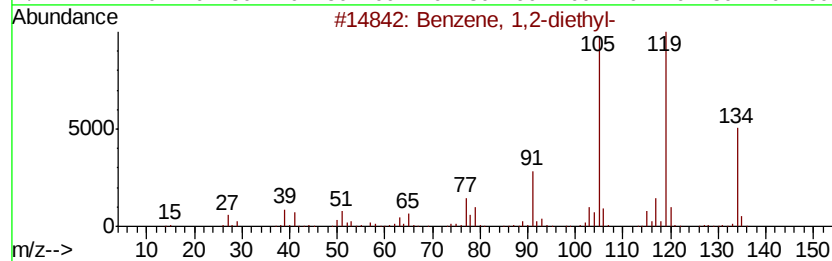
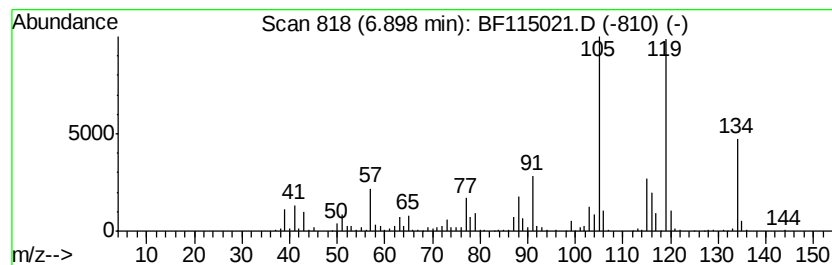
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,2-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	20.41 ng	1528030	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115021.D
Acq On : 14 Jun 2019 00:03
Operator : HP/JU
Sample : K3345-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR-MW-1_061219

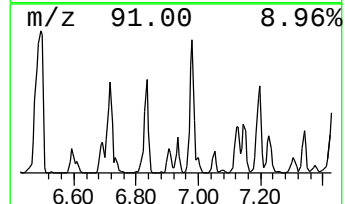
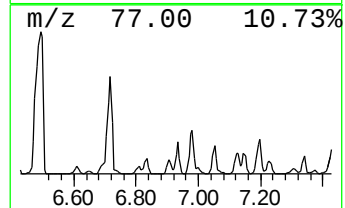
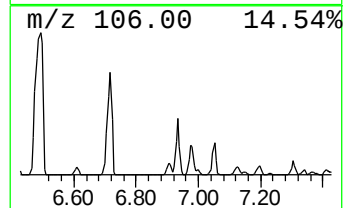
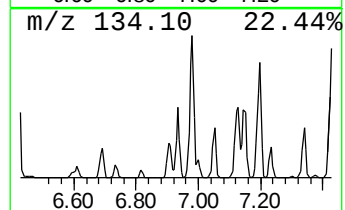
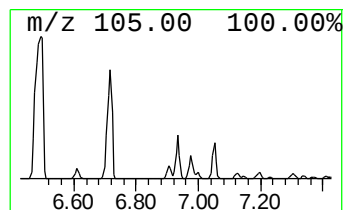
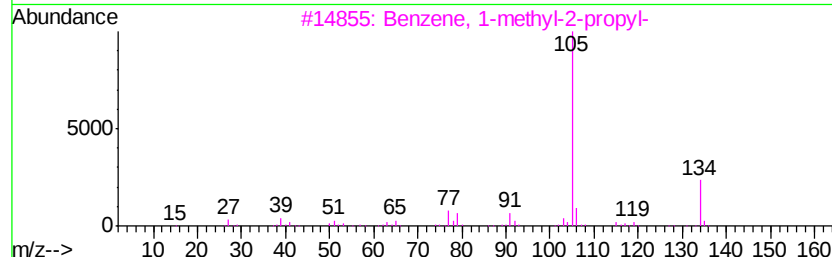
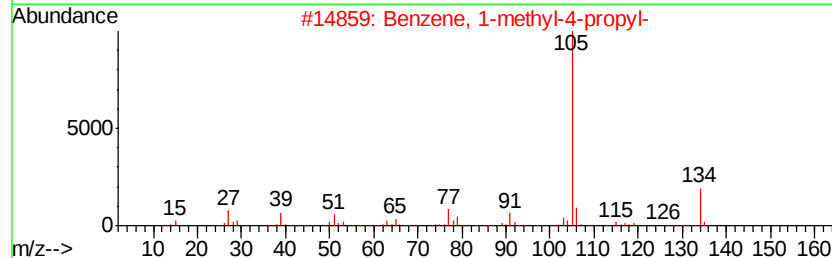
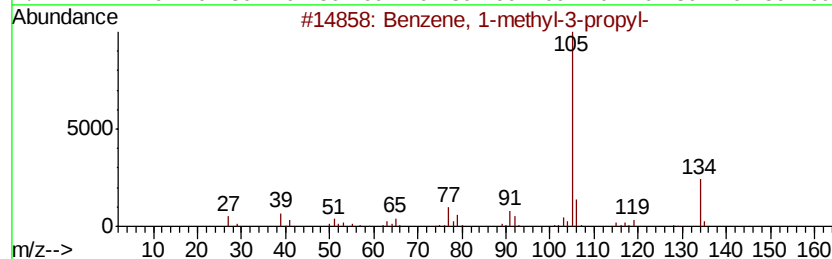
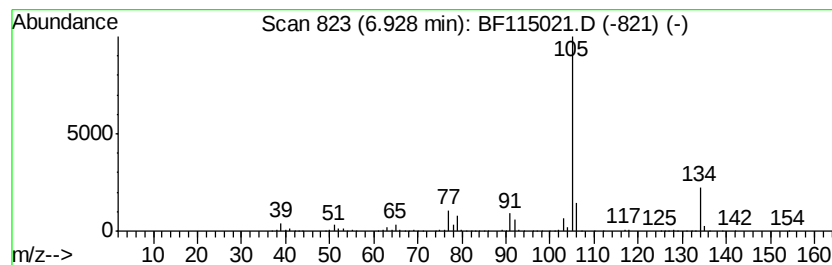
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1-methyl-3-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	27.45 ng	2054850	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5		2-Tolylloxirane	134	C9H10O	002783-26-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115021.D
Acq On : 14 Jun 2019 00:03
Operator : HP/JU
Sample : K3345-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

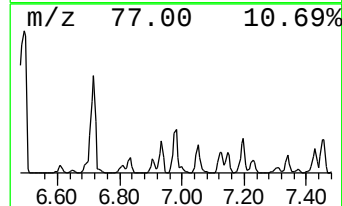
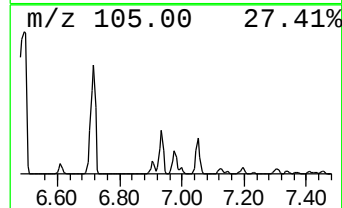
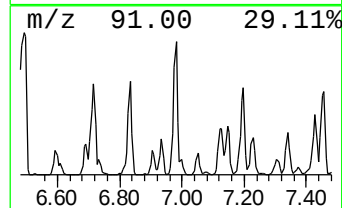
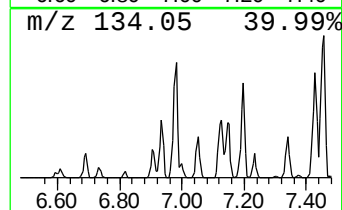
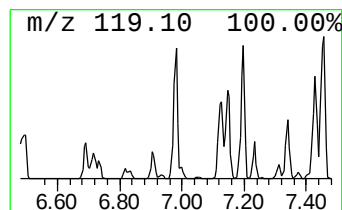
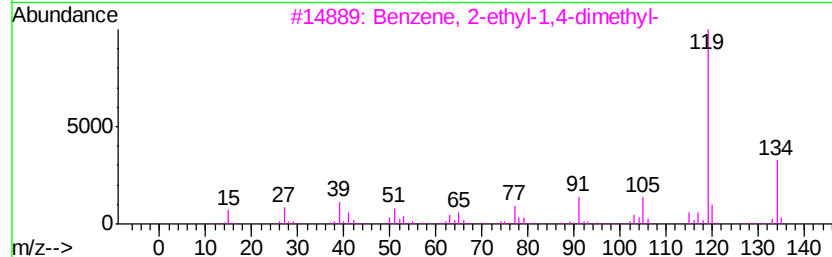
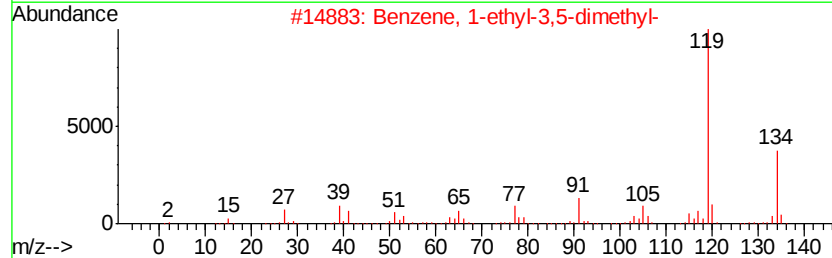
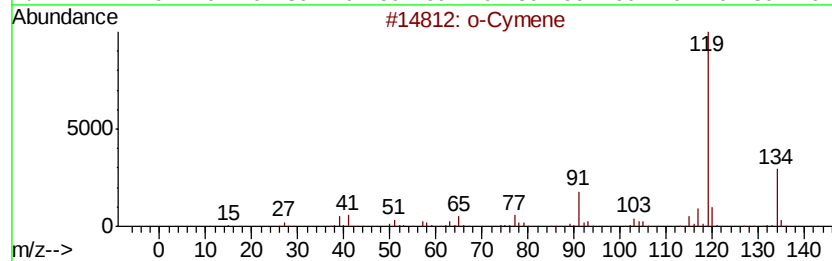
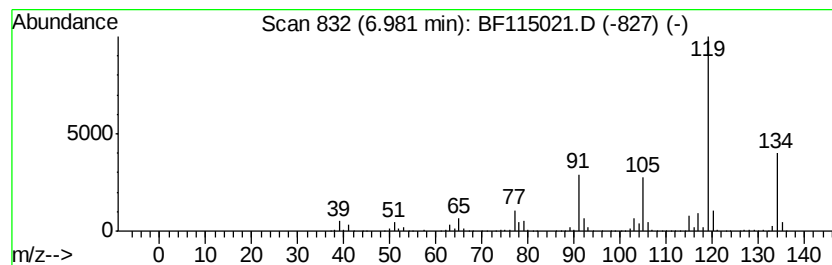
Instrument :
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ClientSampled :
PR-MW-1 061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.98	62.58 ng	4685540	1,4-Dichlorobenzene-d4	6.65		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		o-Cymene	134	C10H14	000527-84-4	93
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115021.D
Acq On : 14 Jun 2019 00:03
Operator : HP/JU
Sample : K3345-15
Misc :
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Instrument :
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ClientSampleId :
PR-MW-1 061219

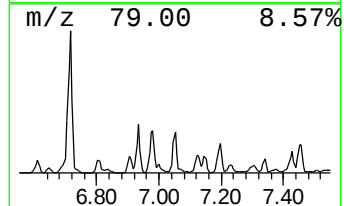
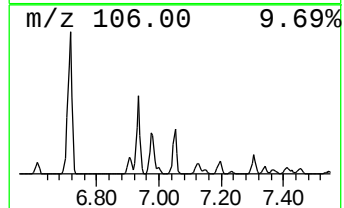
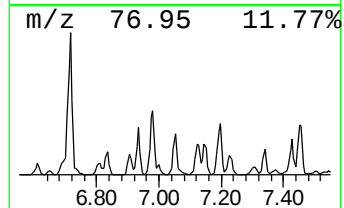
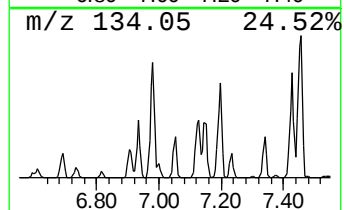
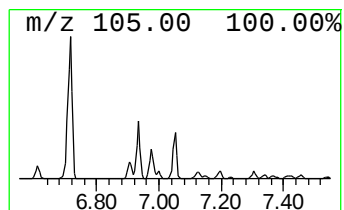
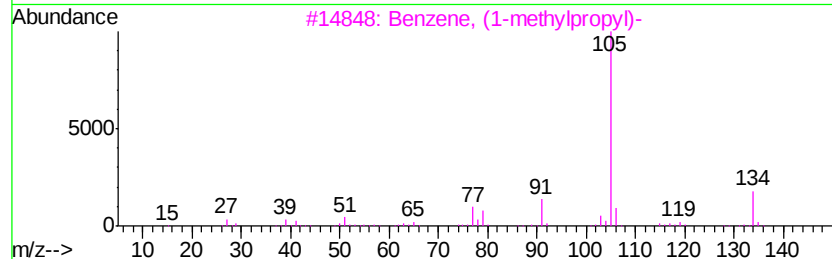
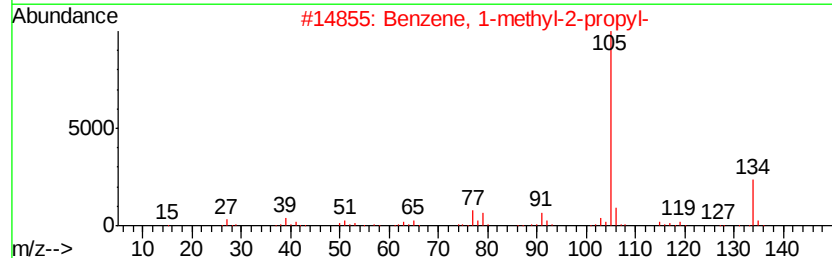
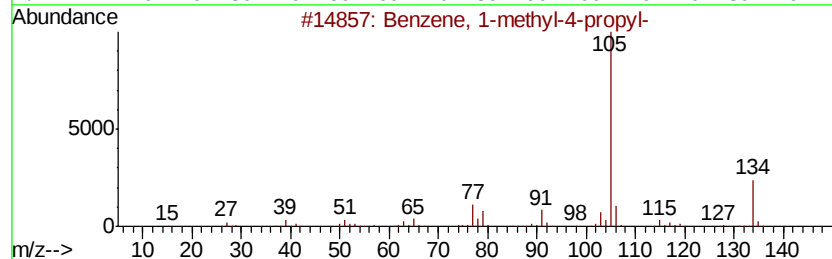
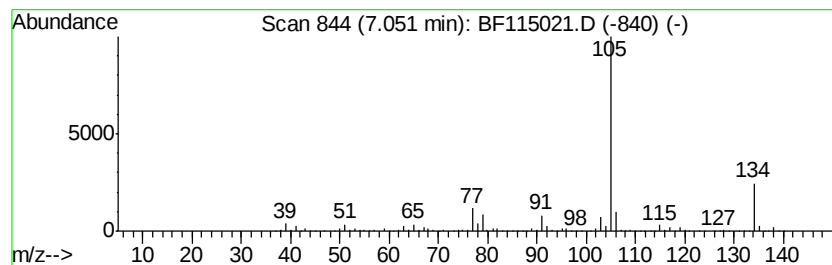
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	24.72 ng	1851030	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
5		2-Tolyloxirane	134	C9H10O	002783-26-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115021.D
Acq On : 14 Jun 2019 00:03
Operator : HP/JU
Sample : K3345-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PR-MW-1_061219

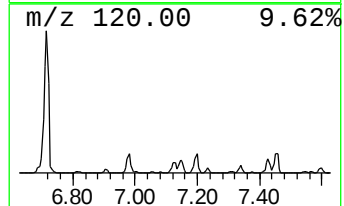
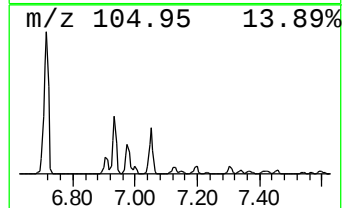
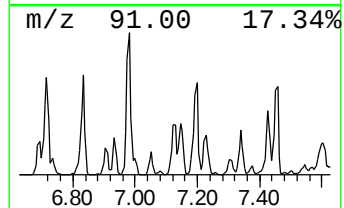
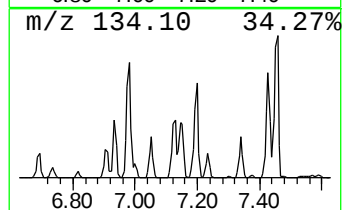
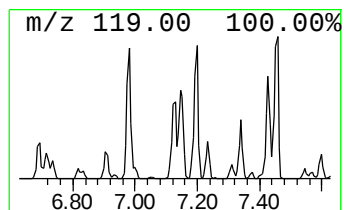
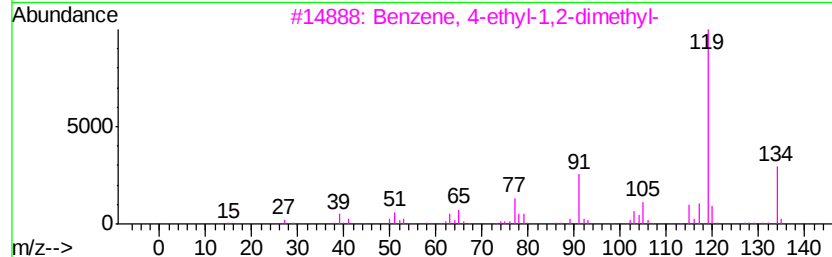
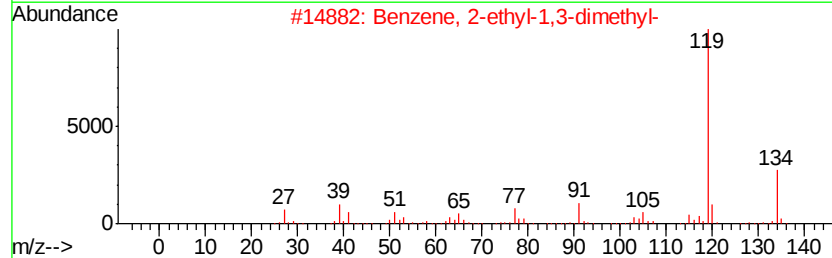
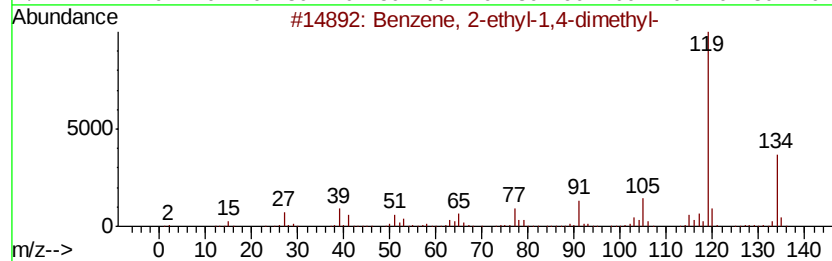
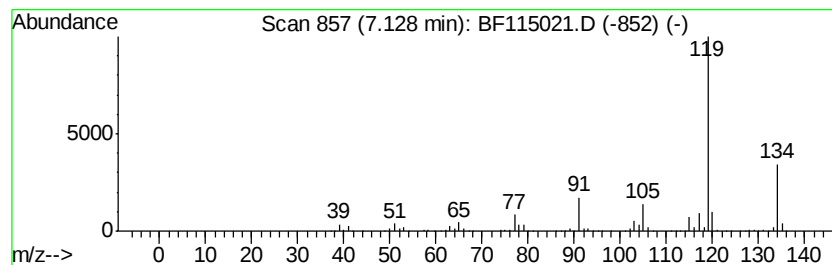
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	32.34 ng	2421690	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115021.D
Acq On : 14 Jun 2019 00:03
Operator : HP/JU
Sample : K3345-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR-MW-1 061219

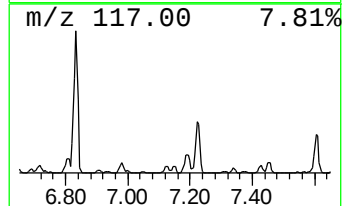
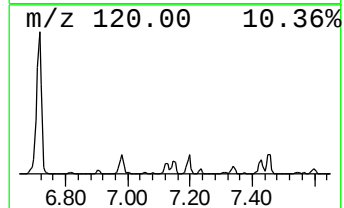
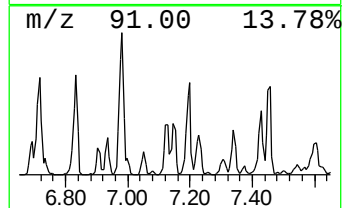
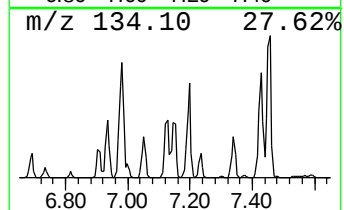
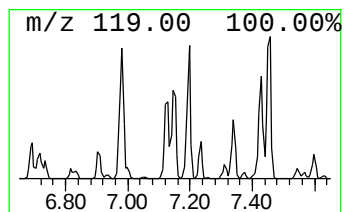
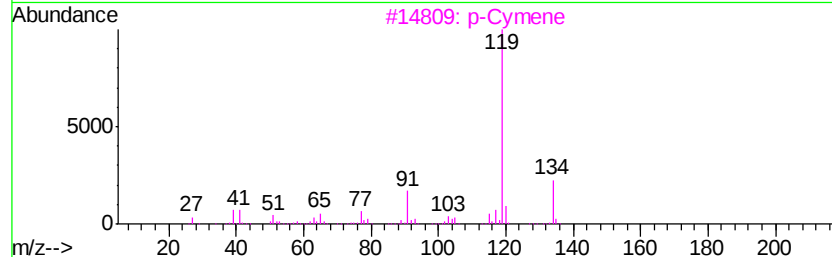
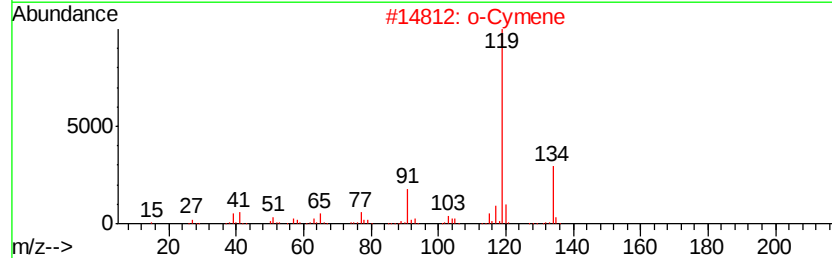
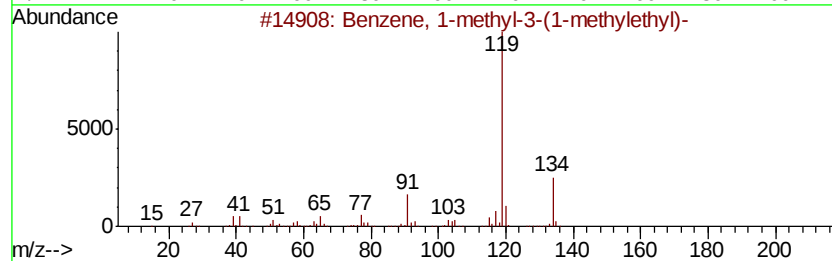
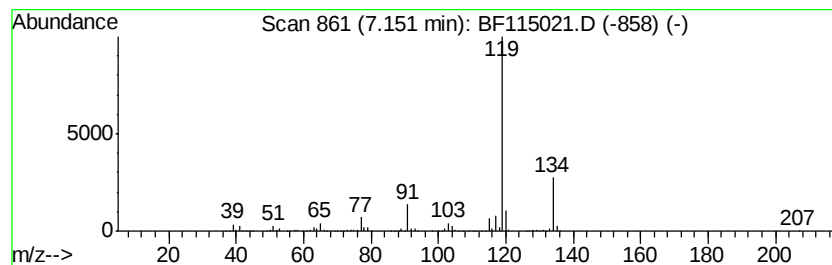
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 1-methyl-3-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	29.81 ng	2231880	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	97
2		o-Cymene	134	C10H14	000527-84-4	97
3		p-Cymene	134	C10H14	000099-87-6	94
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115021.D
Acq On : 14 Jun 2019 00:03
Operator : HP/JU
Sample : K3345-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR-MW-1_061219

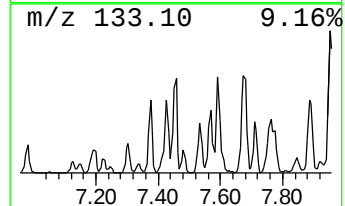
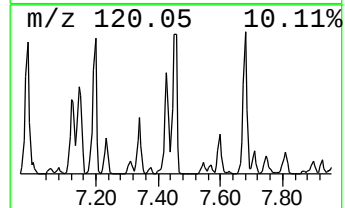
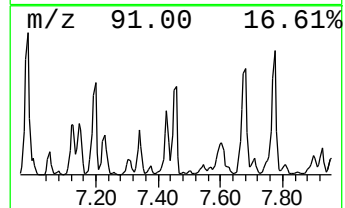
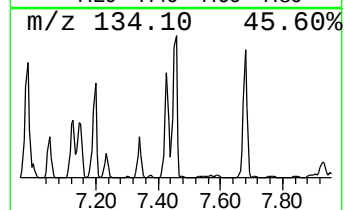
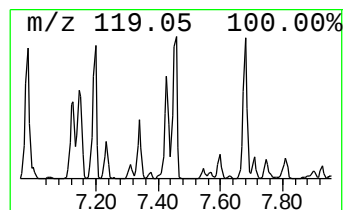
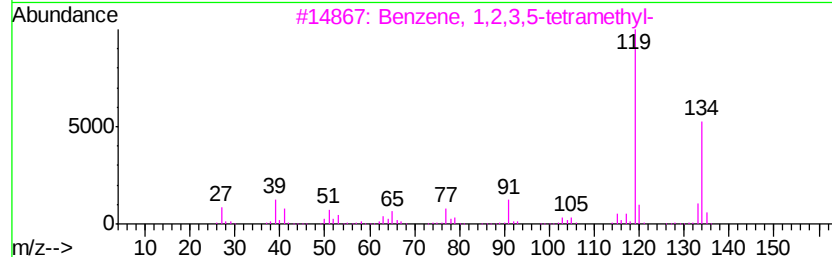
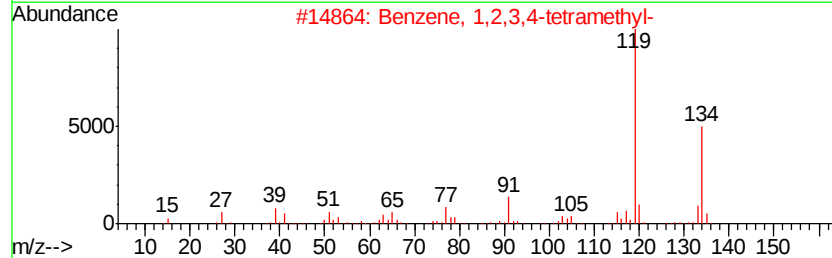
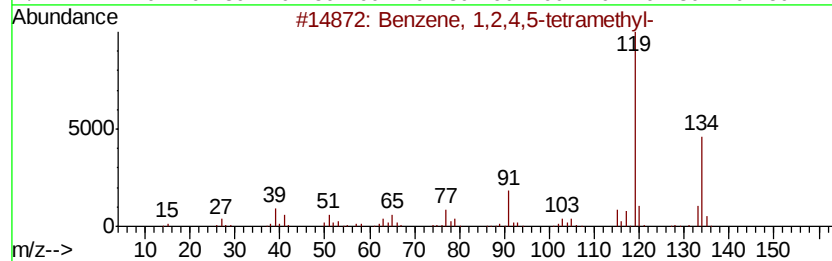
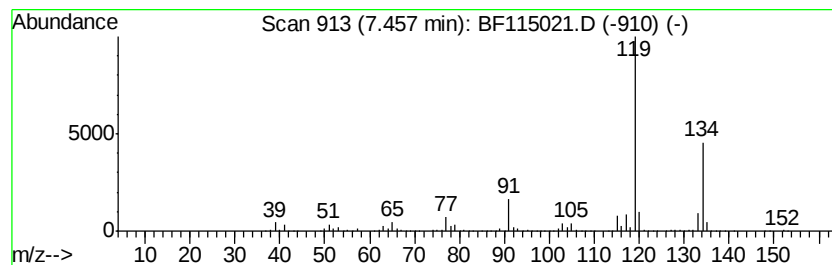
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	22.04 ng	4104680	Naphthalene-d8	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		o-Cymene	134	C10H14	000527-84-4	94
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115021.D
Acq On : 14 Jun 2019 00:03
Operator : HP/JU
Sample : K3345-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR-MW-1_061219

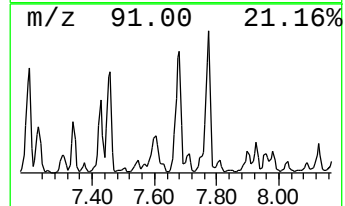
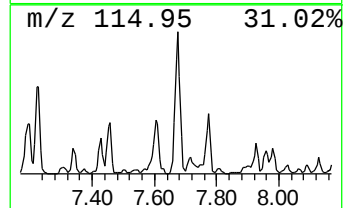
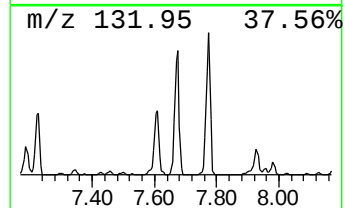
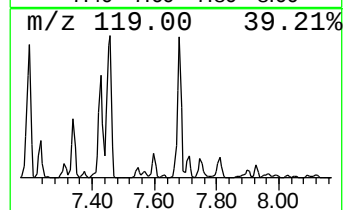
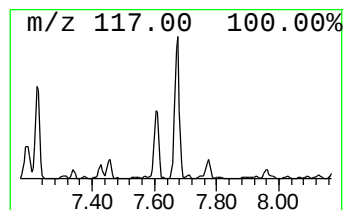
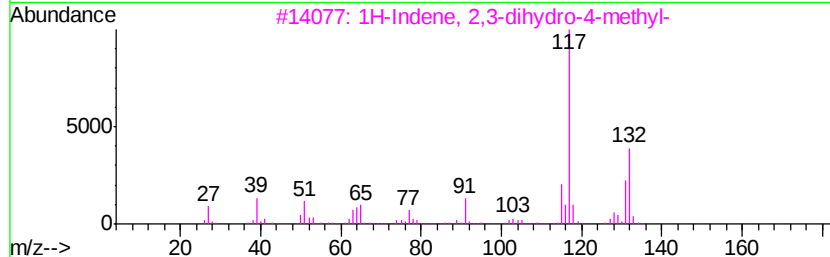
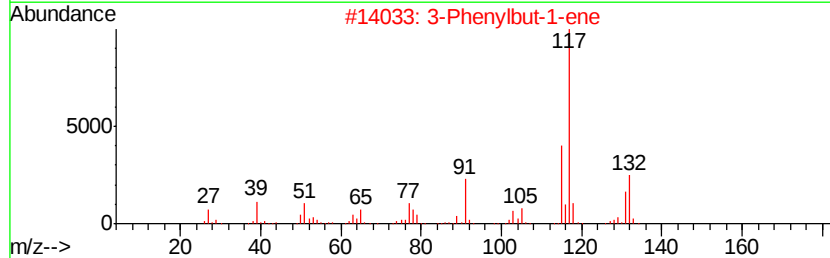
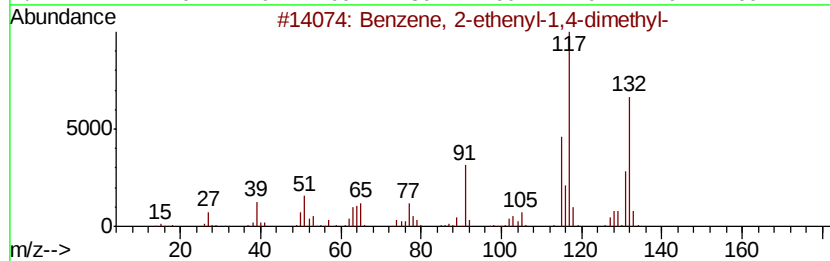
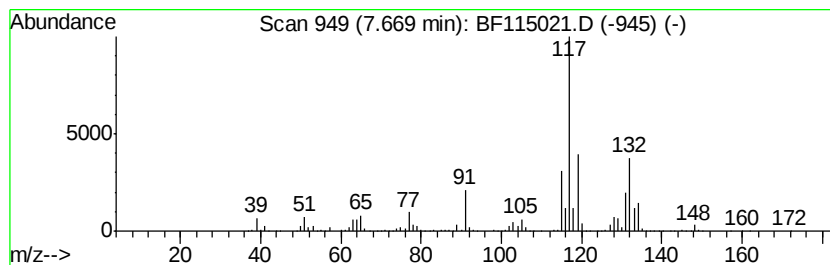
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	38.98 ng	7259400	Napthalene-d8	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50
4		o-Cymene	134	C10H14	000527-84-4	50
5		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
 Data File : BF115021.D
 Acq On : 14 Jun 2019 00:03
 Operator : HP/JU
 Sample : K3345-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-1_061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,3,5-Cycloheptat...	3.58	20.1	ng	1506450	1	6.65	1497430	20.0
Benzene, 1,3-dime...	5.12	163.1	ng	12212000	1	6.65	1497430	20.0
1,3-Cyclopentadie...	5.49	142.4	ng	10664400	1	6.65	1497430	20.0
Benzene, (1-methy...	5.82	30.4	ng	2278560	1	6.65	1497430	20.0
Benzene, propyl-	6.11	34.0	ng	2546490	1	6.65	1497430	20.0
Benzene, 1-ethyl-...	6.17	26.5	ng	1981180	1	6.65	1497430	20.0
Benzene, 1-ethyl-...	6.21	78.7	ng	5888940	1	6.65	1497430	20.0
unknown6.42	6.42	75.8	ng	5671390	1	6.65	1497430	20.0
Benzene, 1,2,3-tr...	6.49	230.1	ng	17226600	1	6.65	1497430	20.0
Benzene, 1-ethyl-...	6.72	97.6	ng	7310150	1	6.65	1497430	20.0
Indane	6.83	55.0	ng	4115370	1	6.65	1497430	20.0
Benzene, 1,2-diet...	6.90	20.4	ng	1528030	1	6.65	1497430	20.0
Benzene, 1-methyl...	6.93	27.4	ng	2054850	1	6.65	1497430	20.0
o-Cymene	6.98	62.6	ng	4685540	1	6.65	1497430	20.0
Benzene, 1-methyl...	7.05	24.7	ng	1851030	1	6.65	1497430	20.0
Benzene, 2-ethyl-...	7.13	32.3	ng	2421690	1	6.65	1497430	20.0
Benzene, 1-methyl...	7.15	29.8	ng	2231880	1	6.65	1497430	20.0
Benzene, 1,2,4,5-...	7.46	22.0	ng	4104680	2	7.93	3724550	20.0
Benzene, 2-etheny...	7.67	39.0	ng	7259400	2	7.93	3724550	20.0