

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114399.D
 Acq On : 18 May 2019 18:50
 Operator : JU/SJ
 Sample : K2896-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-20-S

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-BF051019.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	19	rVB	1118060	1510680	29.55%	1.917%
2	5.322	547	550	555	rBV	157991	175642	3.44%	0.223%
3	5.434	562	569	570	rBV	152394	172815	3.38%	0.219%
4	5.469	572	575	596	rVB	4528319	4922026	96.27%	6.246%
5	5.751	620	623	630	rVB	153310	139749	2.73%	0.177%
6	6.004	661	666	670	rBV3	92836	135830	2.66%	0.172%
7	6.087	675	680	687	rBV4	113228	185246	3.62%	0.235%
8	6.298	713	716	721	rVV	347321	347256	6.79%	0.441%
9	6.363	725	727	730	rVV2	207074	224025	4.38%	0.284%
10	6.392	730	732	736	rVV	320250	273444	5.35%	0.347%
11	6.481	743	747	752	rVV	4732794	5112765	100.00%	6.488%
12	6.522	752	754	759	rVB	159240	169173	3.31%	0.215%
13	6.610	765	769	775	rVB	5094151	4994077	97.68%	6.337%
14	6.663	775	778	782	rBV2	585644	709638	13.88%	0.900%
15	6.834	804	807	814	rVB	1694250	1593529	31.17%	2.022%
16	6.892	814	817	822	rBV2	191742	227878	4.46%	0.289%
17	6.992	829	834	836	rBV	3660343	3410063	66.70%	4.327%
18	7.016	836	838	844	rVB	536977	457480	8.95%	0.581%
19	7.081	844	849	852	rBV	441964	467572	9.15%	0.593%
20	7.110	852	854	857	rVB	276336	229104	4.48%	0.291%
21	7.151	857	861	869	rBV	910914	1024800	20.04%	1.300%
22	7.228	869	874	877	rBV2	226209	238675	4.67%	0.303%
23	7.369	892	898	900	rBV	1007343	1076015	21.05%	1.365%
24	7.398	900	903	906	rVV	3476785	3274420	64.04%	4.155%
25	7.428	906	908	912	rVB	398478	397699	7.78%	0.505%
26	7.475	912	916	920	rVB4	252883	318615	6.23%	0.404%
27	7.539	920	927	932	rBV7	114368	318270	6.23%	0.404%
28	7.604	932	938	941	rVV3	363727	446075	8.72%	0.566%
29	7.639	941	944	947	rVB3	207155	214823	4.20%	0.273%
30	7.716	952	957	962	rBV3	316906	459732	8.99%	0.583%
31	7.757	962	964	967	rBV3	229962	261190	5.11%	0.331%
32	7.857	974	981	983	rBV3	550601	722586	14.13%	0.917%
33	7.933	990	994	996	rBV4	202360	224763	4.40%	0.285%
34	7.957	996	998	1000	rVB	206092	166215	3.25%	0.211%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.986	1000	1003	1007	rBV	286755	311227	6.09%	0.395%
36	8.116	1019	1025	1027	rVV	2202928	2672104	52.26%	3.391%
37	8.139	1027	1029	1031	rVV	1530004	1345716	26.32%	1.708%
38	8.157	1031	1032	1037	rVV3	225749	321126	6.28%	0.407%
39	8.198	1037	1039	1044	rVB4	127960	142578	2.79%	0.181%
40	8.316	1056	1059	1062	rVB2	197089	218490	4.27%	0.277%
41	8.351	1062	1065	1068	rBV4	106636	171518	3.35%	0.218%
42	8.404	1069	1074	1077	rVB5	216898	375422	7.34%	0.476%
43	8.463	1081	1084	1087	rBV4	112240	129771	2.54%	0.165%
44	8.498	1087	1090	1092	rVB4	141790	144824	2.83%	0.184%
45	8.533	1092	1096	1098	rBV2	320803	324568	6.35%	0.412%
46	8.575	1101	1103	1106	rVB2	187880	190570	3.73%	0.242%
47	8.616	1107	1110	1113	rBV2	369843	351647	6.88%	0.446%
48	8.704	1122	1125	1128	rBV2	252870	238805	4.67%	0.303%
49	8.775	1134	1137	1139	rBV2	189842	180574	3.53%	0.229%
50	8.828	1143	1146	1149	rVB	2467480	2020717	39.52%	2.564%
51	8.928	1159	1163	1166	rBV	955234	972291	19.02%	1.234%
52	9.133	1195	1198	1203	rVB3	331910	341172	6.67%	0.433%
53	9.186	1203	1207	1212	rBV	4317330	3742995	73.21%	4.750%
54	9.269	1217	1221	1226	rBV3	398911	526963	10.31%	0.669%
55	9.386	1235	1241	1245	rVB	482714	585518	11.45%	0.743%
56	9.457	1248	1253	1257	rBV	892211	1241116	24.27%	1.575%
57	9.527	1262	1265	1267	rVV	606517	661521	12.94%	0.839%
58	9.551	1267	1269	1271	rVV2	568697	573871	11.22%	0.728%
59	9.580	1271	1274	1278	rVV2	1064828	1122866	21.96%	1.425%
60	9.645	1282	1285	1290	rVB	304243	303444	5.94%	0.385%
61	9.727	1297	1299	1302	rBV3	225793	244766	4.79%	0.311%
62	9.775	1305	1307	1310	rVV	182283	156375	3.06%	0.198%
63	9.869	1316	1323	1326	rBV	2227718	2318542	45.35%	2.942%
64	9.904	1326	1329	1332	rVB3	280945	285856	5.59%	0.363%
65	9.969	1337	1340	1345	rVB	270260	342955	6.71%	0.435%
66	10.069	1354	1357	1360	rVB2	251000	260514	5.10%	0.331%
67	10.110	1362	1364	1368	rVB2	188450	172829	3.38%	0.219%
68	10.186	1373	1377	1379	rBV	151249	190362	3.72%	0.242%
69	10.210	1379	1381	1384	rVV	132700	132658	2.59%	0.168%
70	10.275	1388	1392	1394	rBV2	180636	201113	3.93%	0.255%
71	10.416	1412	1416	1422	rVB4	131592	264662	5.18%	0.336%

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72	10.657	1453	1457	1468	rVB	3221657	3147570	61.56%	3.994%
73	10.780	1473	1478	1483	rVB	211014	276940	5.42%	0.351%
74	11.351	1572	1575	1578	rBV	2228508	2143661	41.93%	2.720%
75	11.374	1578	1579	1583	rVV	716663	485341	9.49%	0.616%
76	11.851	1658	1660	1662	rBV	177910	179846	3.52%	0.228%
77	11.874	1662	1664	1670	rVB2	628644	722431	14.13%	0.917%
78	11.963	1676	1679	1682	rBV2	230015	210462	4.12%	0.267%
79	12.145	1707	1710	1714	rBV	149319	166819	3.26%	0.212%
80	12.404	1751	1754	1756	rBV	233186	203104	3.97%	0.258%
81	12.433	1756	1759	1762	rVV3	129121	160198	3.13%	0.203%
82	12.568	1778	1782	1785	rBV	1264088	1203423	23.54%	1.527%
83	12.657	1794	1797	1800	rBV2	116166	133063	2.60%	0.169%
84	12.792	1815	1820	1827	rVV	1054452	1298886	25.40%	1.648%
85	12.933	1839	1844	1847	rBV	3201075	3006483	58.80%	3.815%
86	13.010	1854	1857	1864	rVB4	102153	171328	3.35%	0.217%
87	13.121	1874	1876	1879	rVB	165578	146856	2.87%	0.186%
88	13.227	1890	1894	1901	rVV3	117606	164708	3.22%	0.209%
89	13.827	1993	1996	1998	rBV	198051	217423	4.25%	0.276%
90	13.957	2016	2018	2020	rBV	160801	161298	3.15%	0.205%
91	13.992	2020	2024	2027	rVV2	1630285	1973458	38.60%	2.504%
92	14.015	2027	2028	2031	rVB	476536	334074	6.53%	0.424%
93	14.445	2098	2101	2105	rBV3	132704	157604	3.08%	0.200%
94	15.033	2197	2201	2207	rBV	394347	722158	14.12%	0.916%
95	15.333	2248	2252	2259	rVB	252679	316354	6.19%	0.401%
96	15.392	2259	2262	2267	rVB	372597	453384	8.87%	0.575%
97	15.457	2268	2273	2277	rBV	1195760	1515002	29.63%	1.922%
98	15.880	2342	2345	2351	rVB2	91474	136418	2.67%	0.173%
99	16.927	2518	2523	2532	rVB	150725	330581	6.47%	0.419%
100	17.368	2594	2598	2609	rVB	129618	282129	5.52%	0.358%

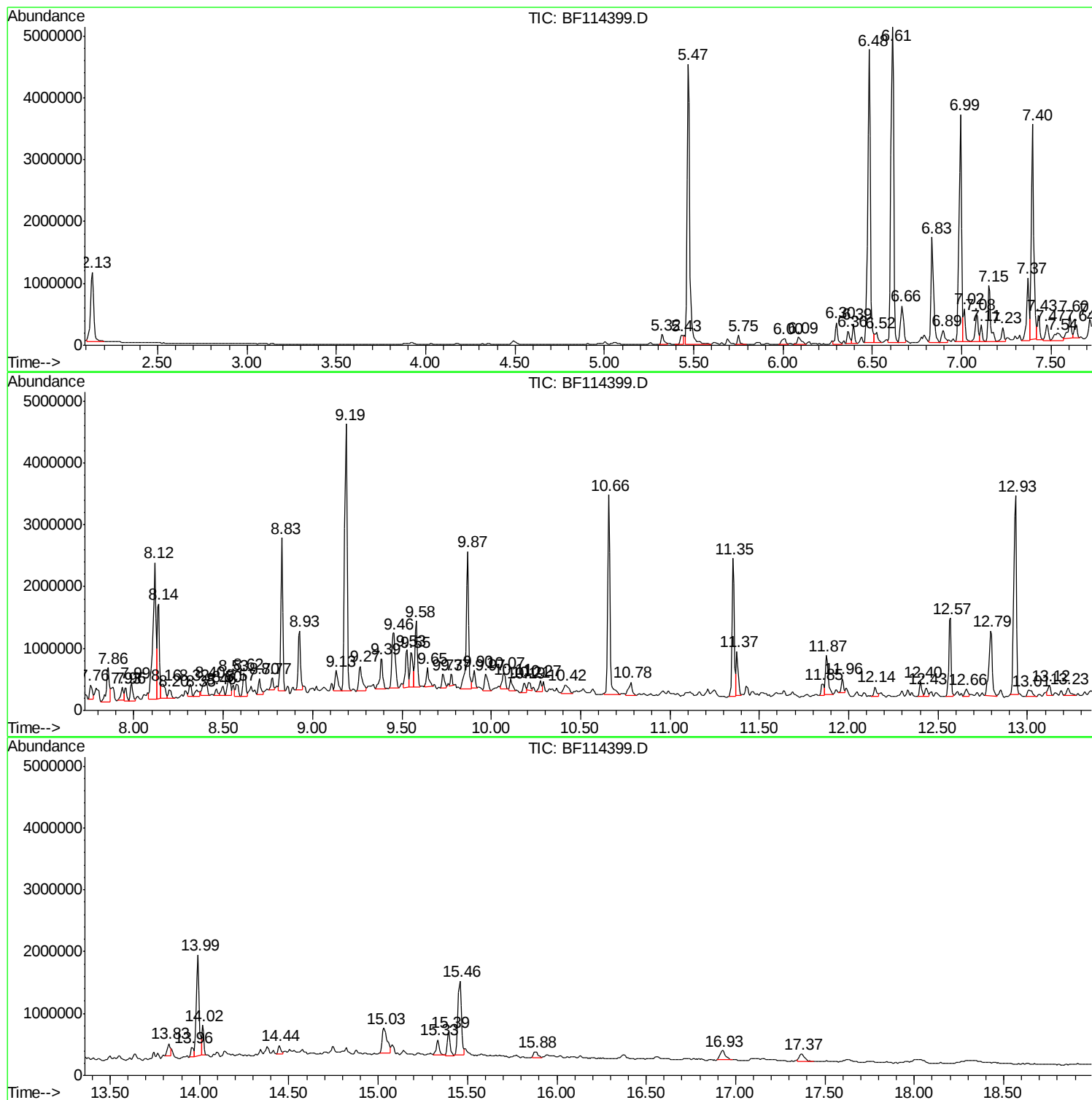
Sum of corrected areas: 78804918

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Instrument :
BNA_F
ClientSampled :
TP-20-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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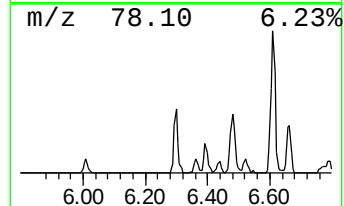
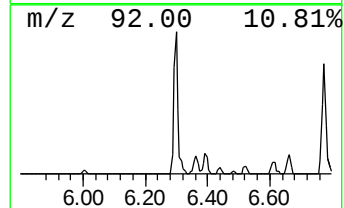
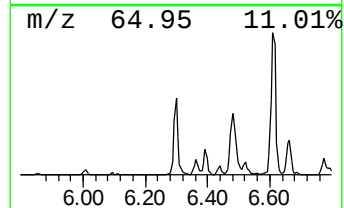
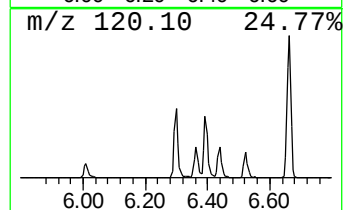
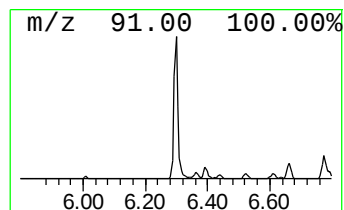
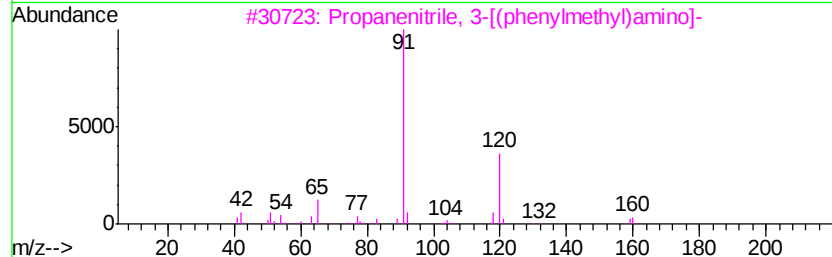
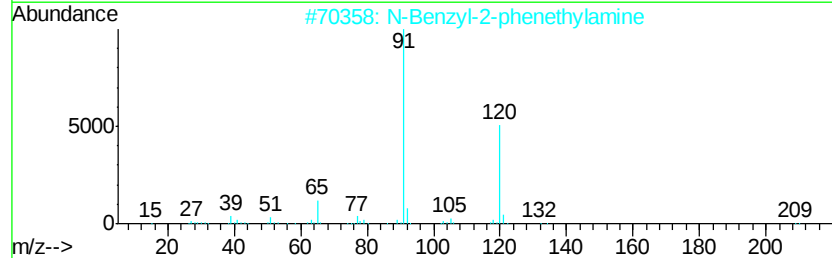
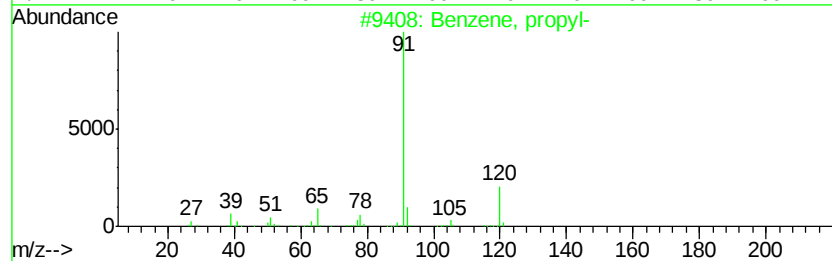
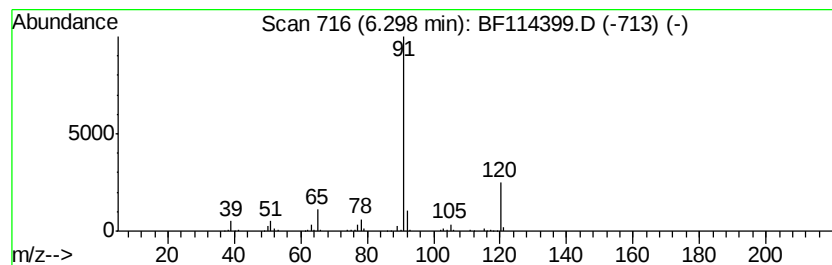
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	4.36 ng	347256	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	91
2		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3		Propanenitrile, 3-[(phenylmethyl)amino]-	160	C10H12N2	000706-03-6	59
4		1,2-Ethanediamine, N,N'-bis(phenyl)-	240	C16H20N2	000140-28-3	56
5		Hydroxylamine, O-(phenylmethyl)-	123	C7H9NO	000622-33-3	47



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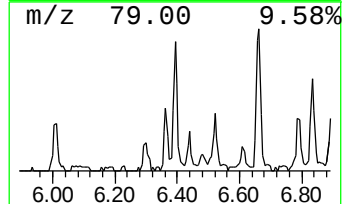
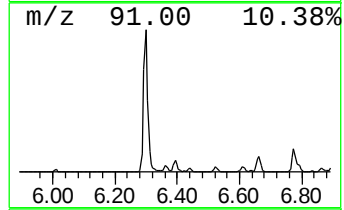
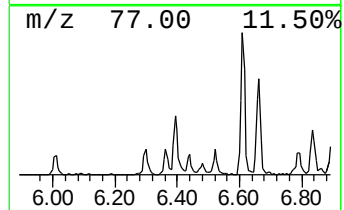
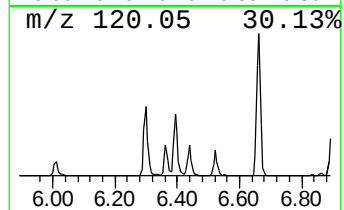
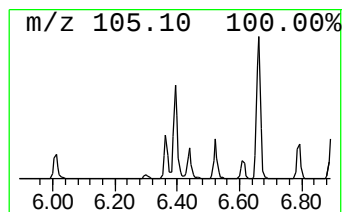
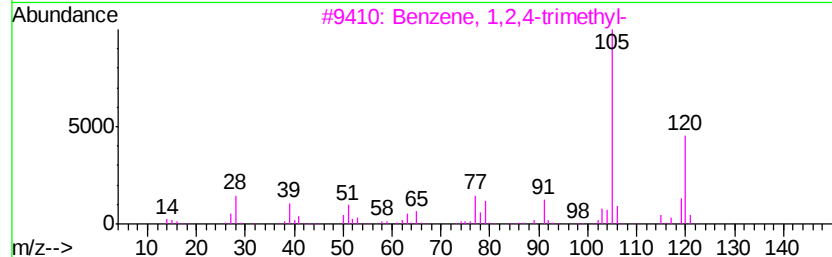
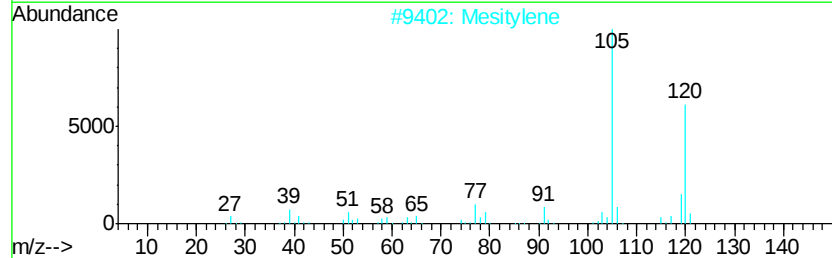
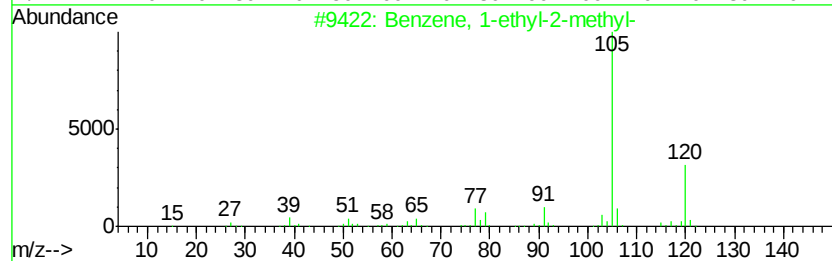
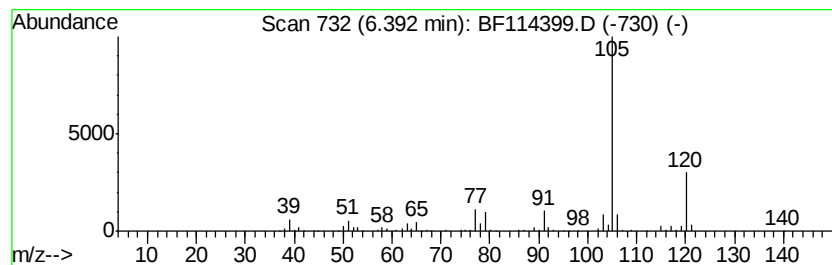
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	3.43 ng	273444	1,4-Dichlorobenzene-d4	6.83

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



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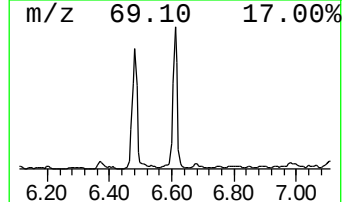
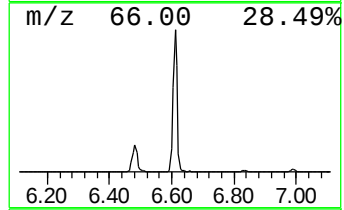
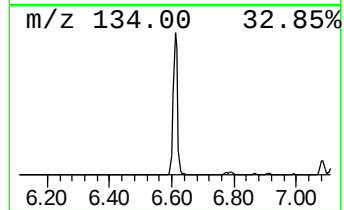
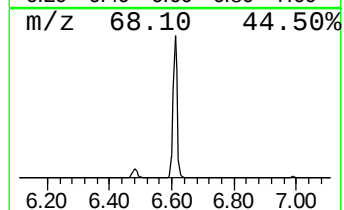
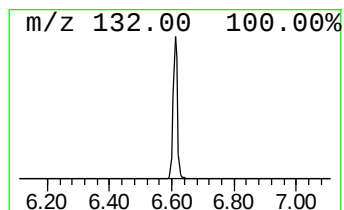
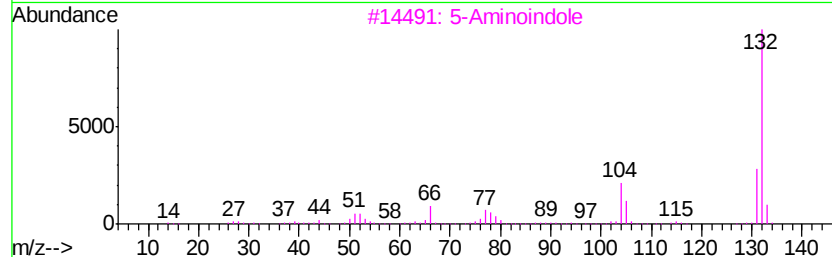
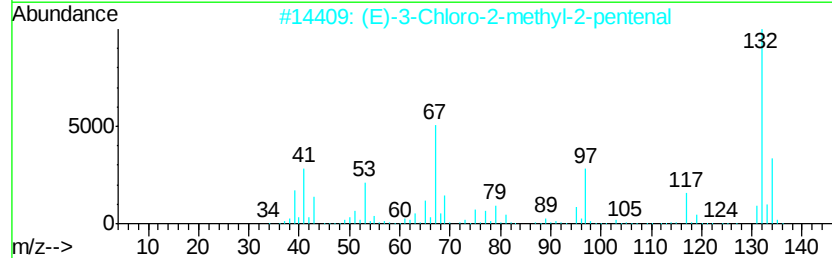
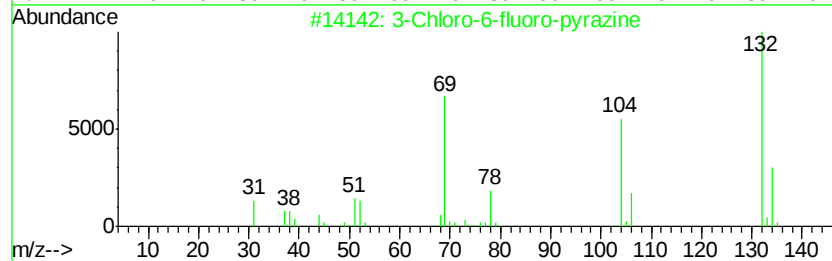
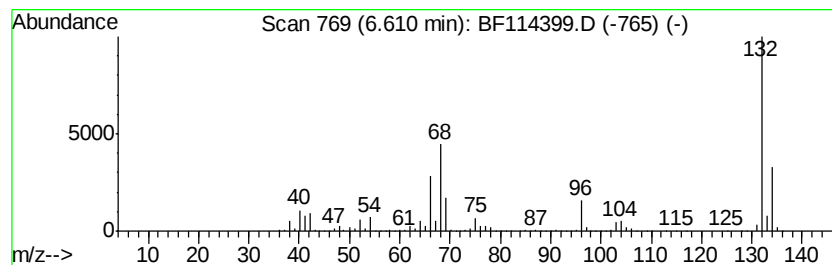
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	62.68 ng	4994080	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114399.D
Acq On : 18 May 2019 18:50
Operator : JU/SJ
Sample : K2896-07
Misc :
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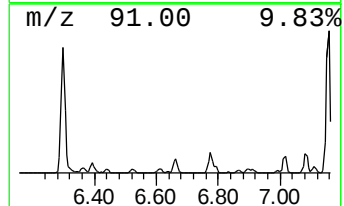
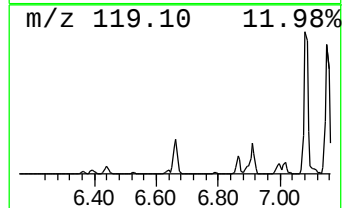
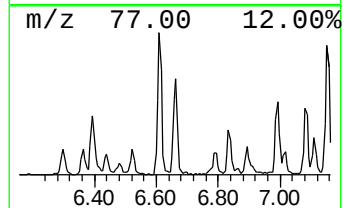
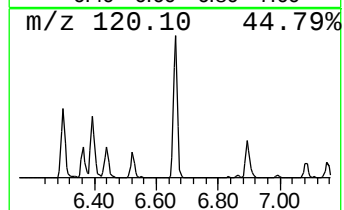
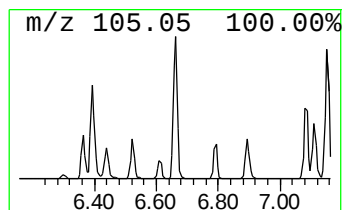
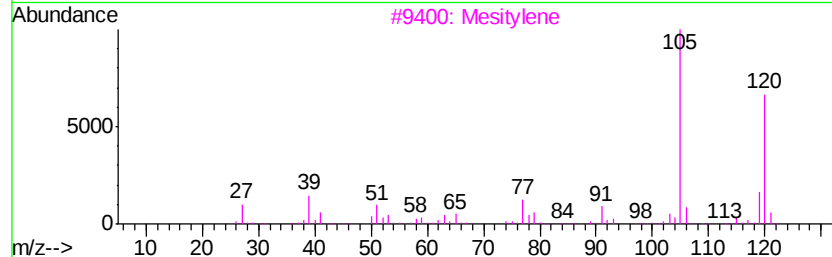
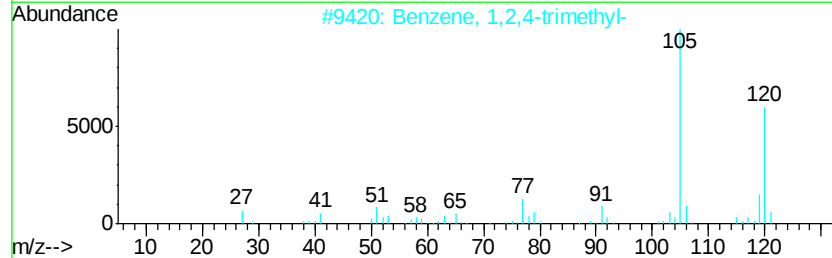
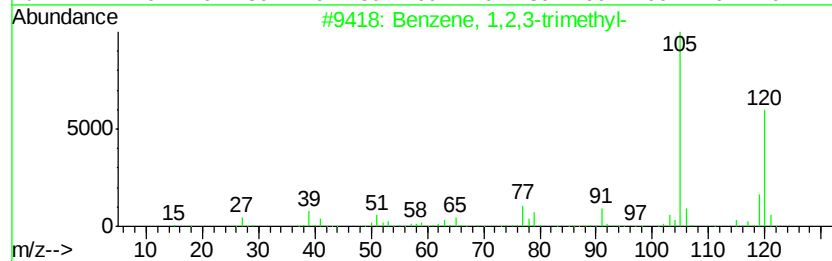
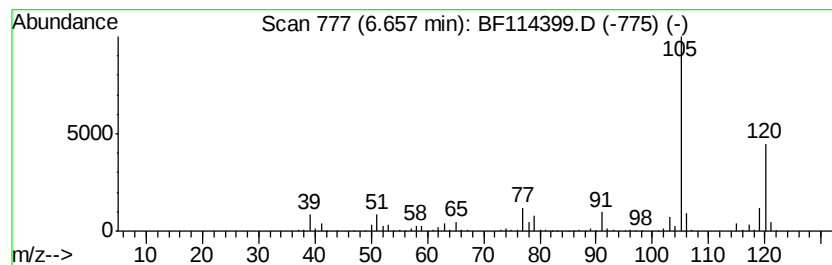
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	8.91 ng	709638	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3			Mesitylene	120	C9H12	000108-67-8	95
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



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Data File : BF114399.D
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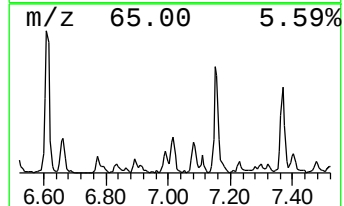
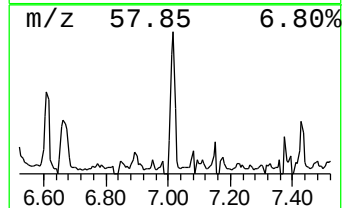
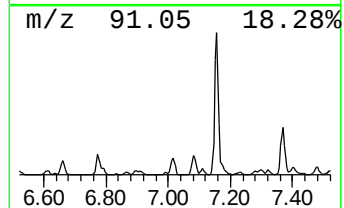
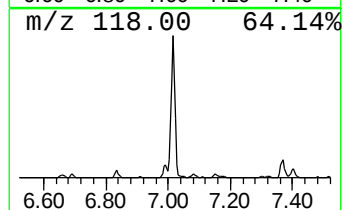
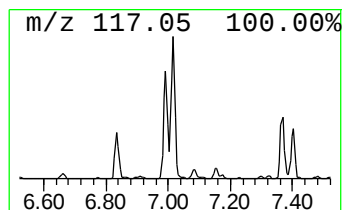
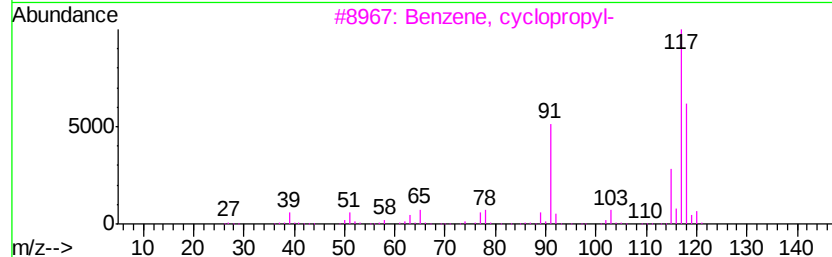
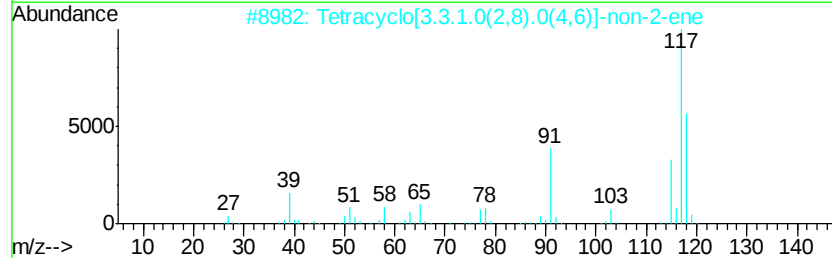
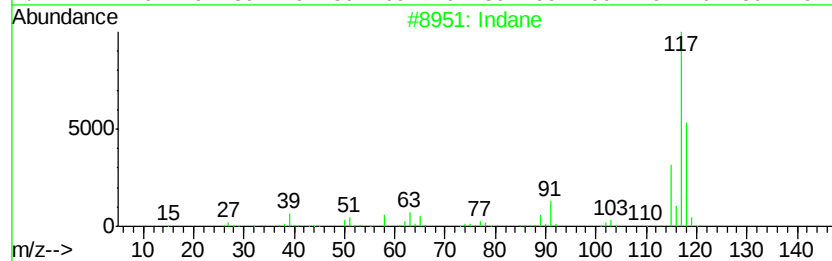
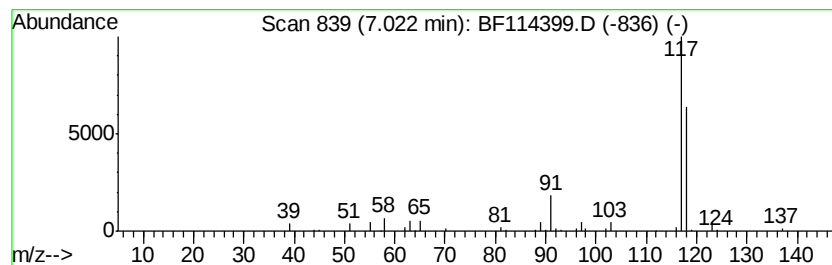
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	5.74 ng	457480	1,4-Dichlorobenzene-d4	6.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	80
3	Benzene, cyclopropyl-		118	C9H10	000873-49-4	80
4	Benzene, 1-propenyl-		118	C9H10	000637-50-3	72
5	Benzene, 1-ethenyl-4-methyl-		118	C9H10	000622-97-9	64



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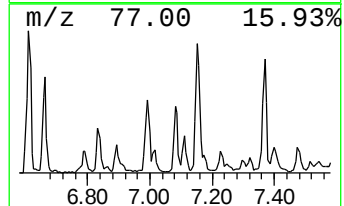
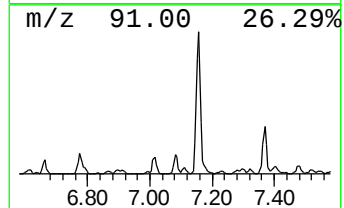
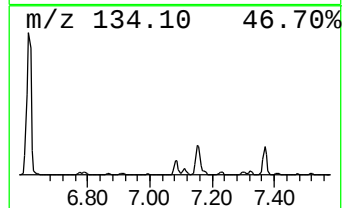
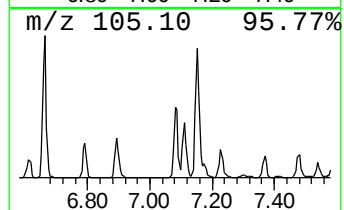
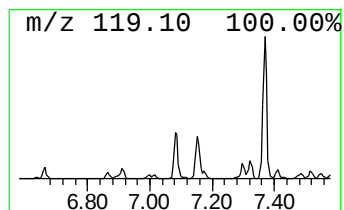
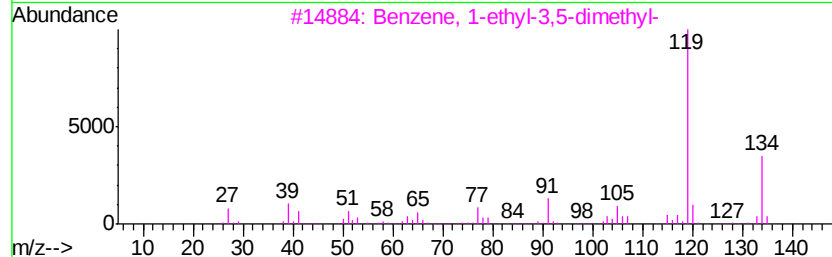
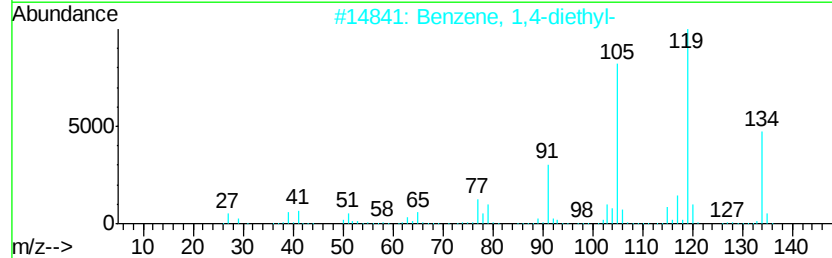
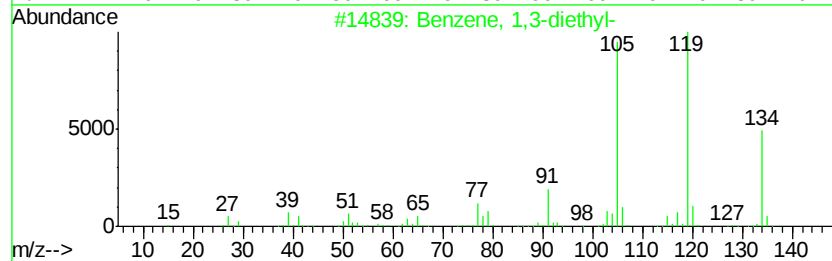
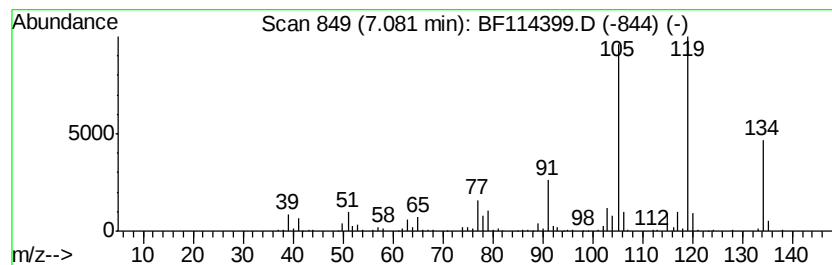
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	5.87 ng	467572	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114399.D
Acq On : 18 May 2019 18:50
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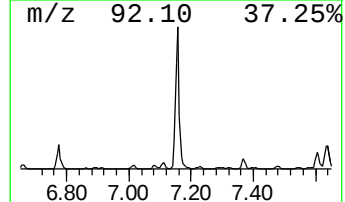
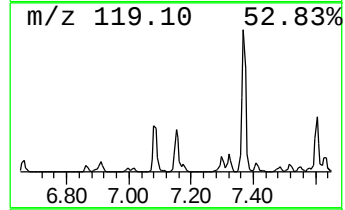
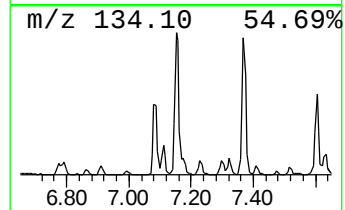
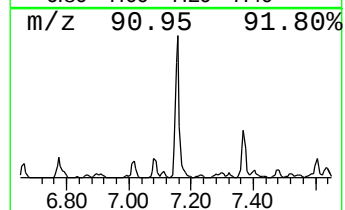
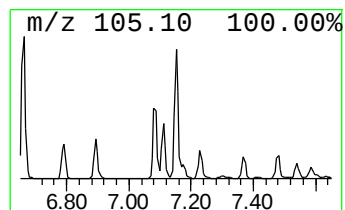
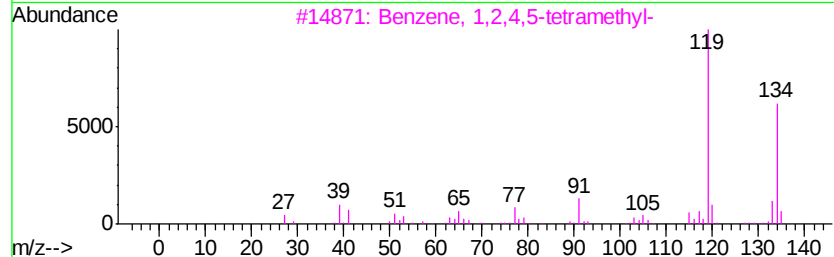
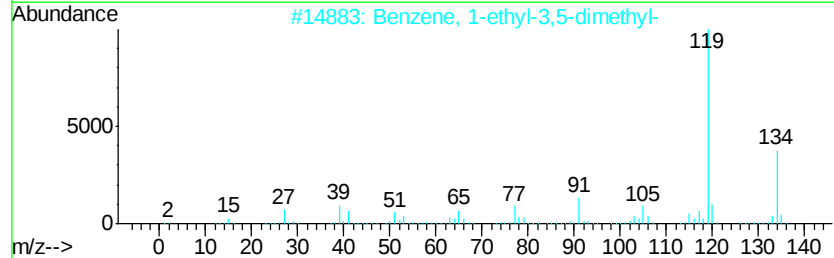
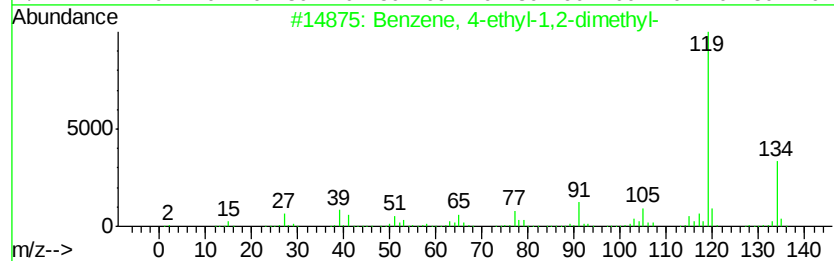
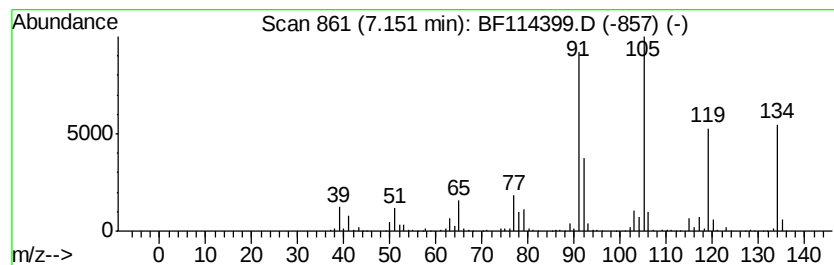
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	12.86 ng	1024800	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5		3a,6-Methano-3aH-indene, 2,3,4,5...	134	C10H14	098640-10-9	81



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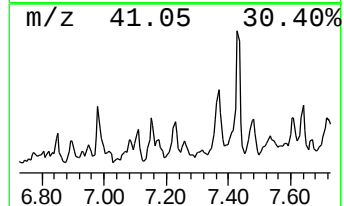
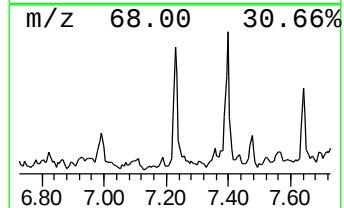
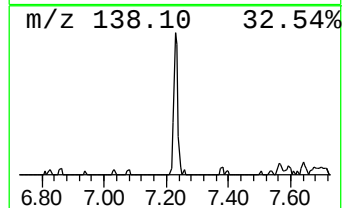
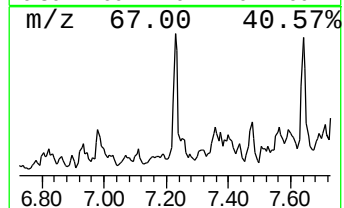
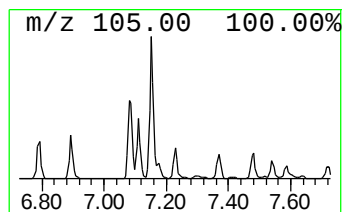
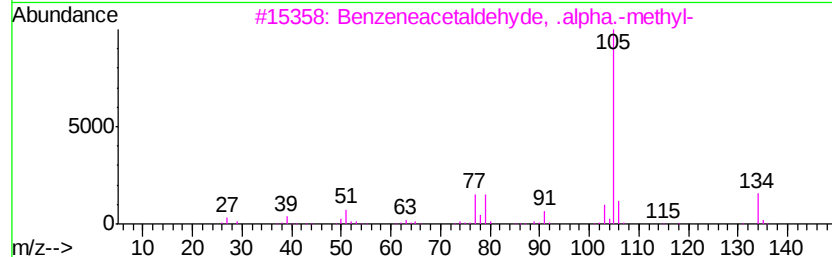
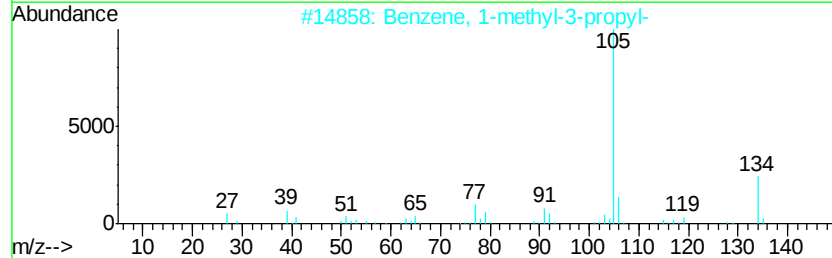
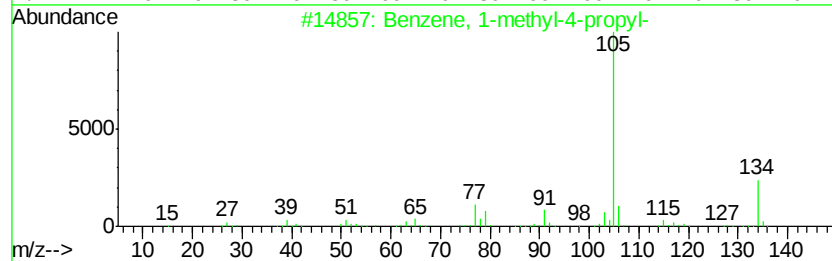
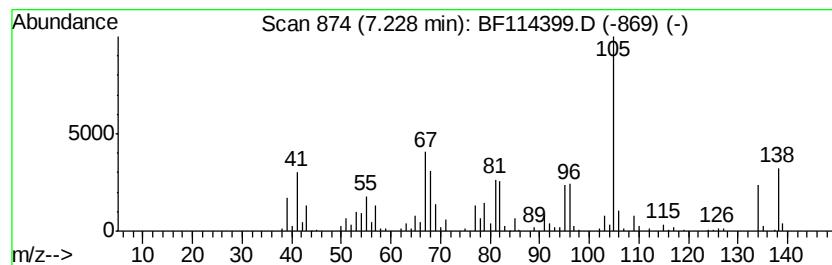
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1-methyl-4-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	3.00 ng	238675	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53
2			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	25
3			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	25
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	25
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	25



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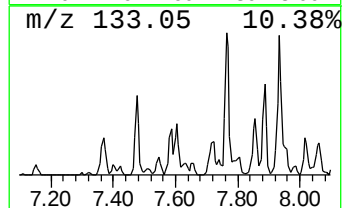
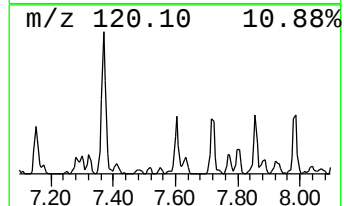
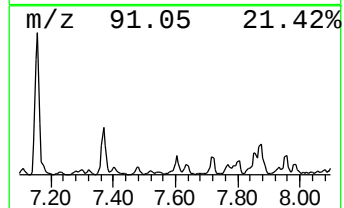
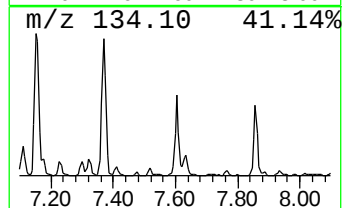
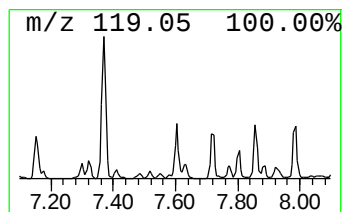
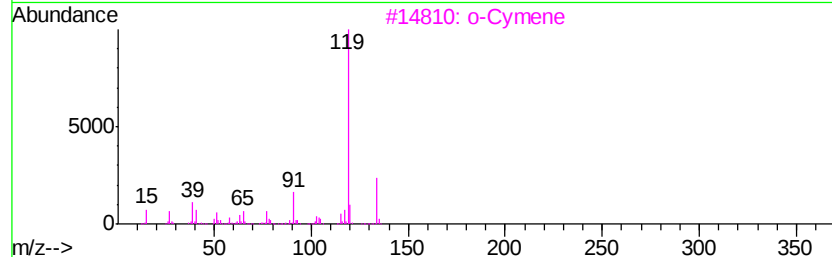
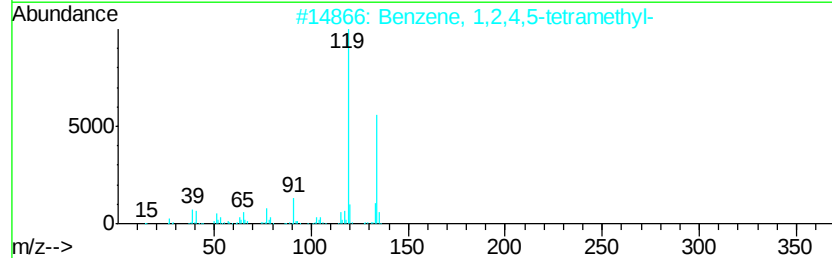
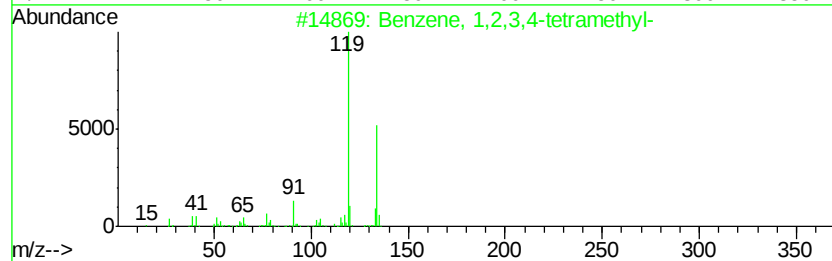
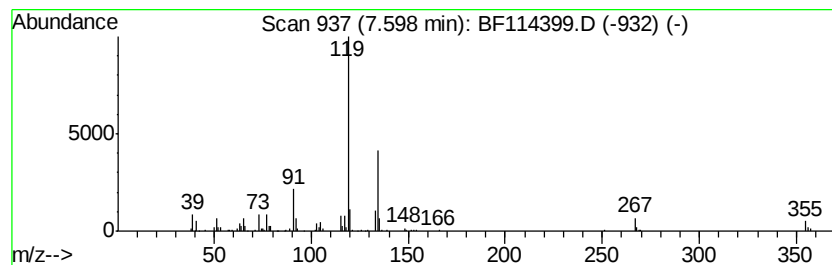
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown7.60 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.34 ng	446075	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
3		o-Cymene	134	C10H14	000527-84-4	90
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90



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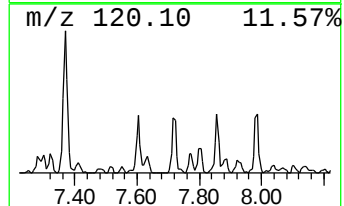
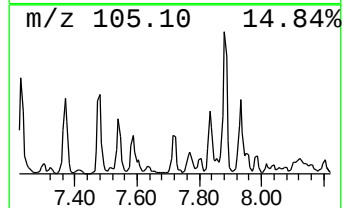
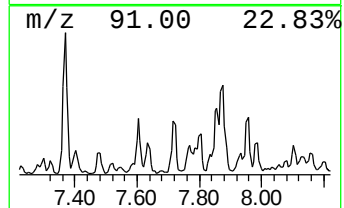
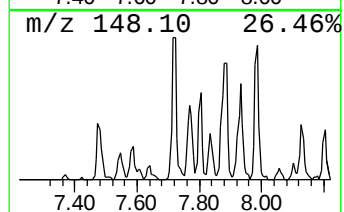
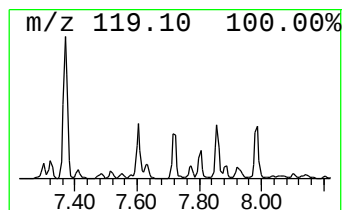
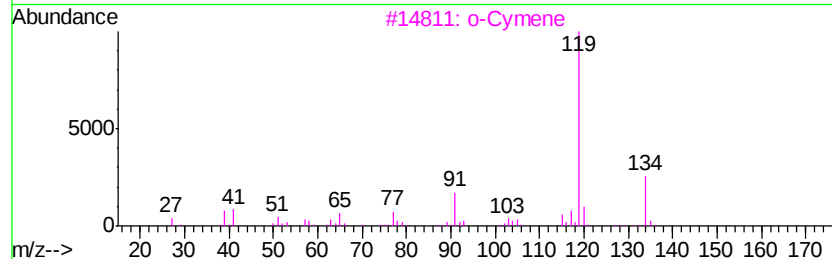
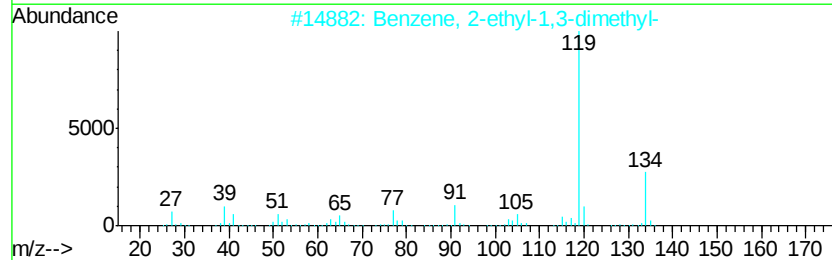
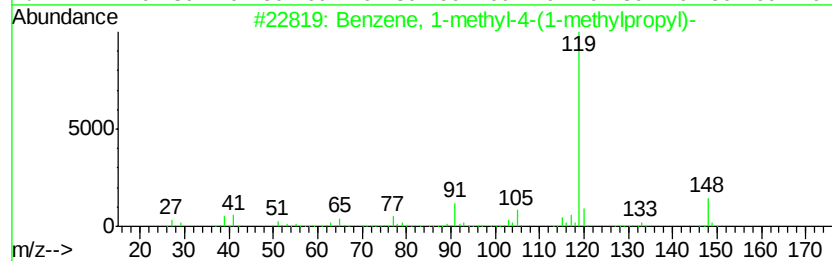
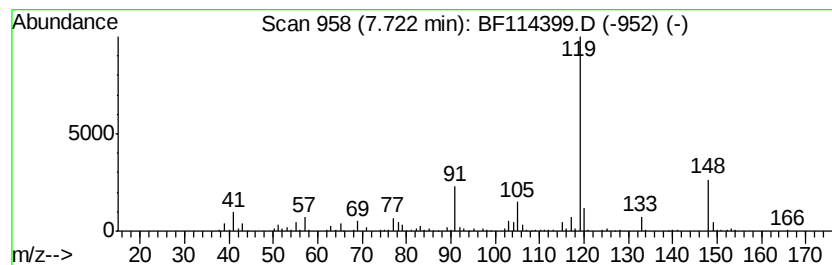
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-methyl-4-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	3.44 ng	459732	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	68
3		o-Cymene	134	C10H14	000527-84-4	64
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
5		p-Cymene	134	C10H14	000099-87-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114399.D
Acq On : 18 May 2019 18:50
Operator : JU/SJ
Sample : K2896-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-20-S

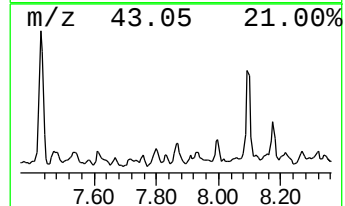
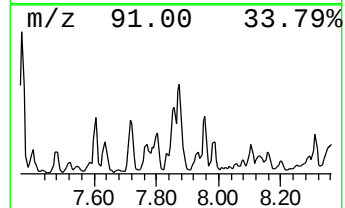
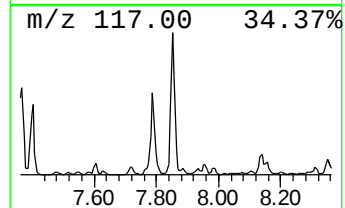
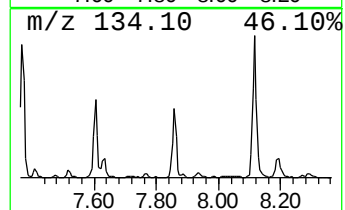
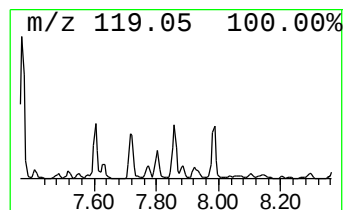
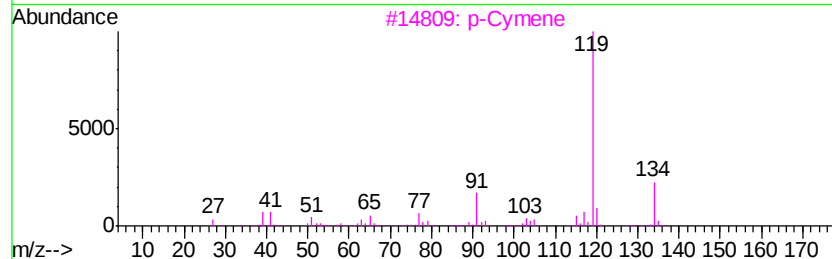
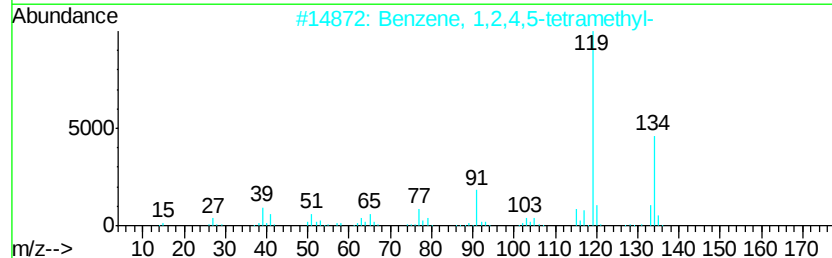
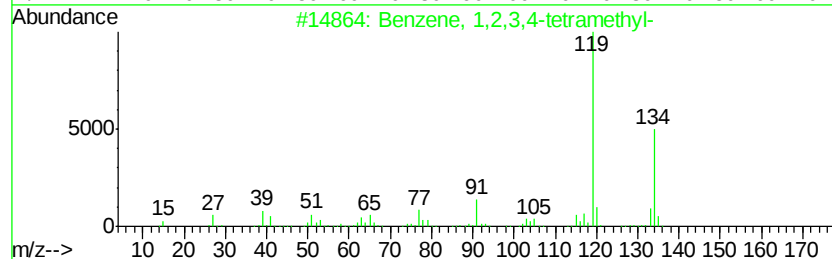
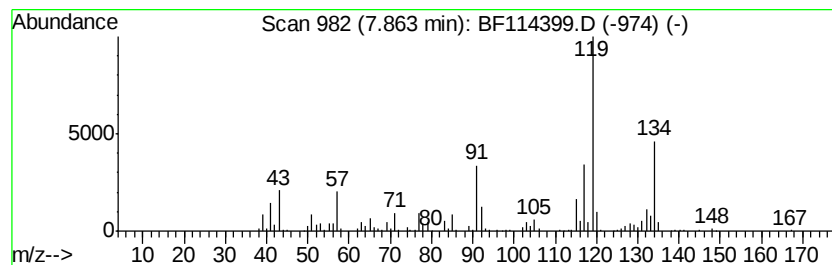
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	5.41 ng	722586	Naphthalene-d8	8.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3			p-Cymene	134	C10H14	000099-87-6	60
4			o-Cymene	134	C10H14	000527-84-4	60
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114399.D
Acq On : 18 May 2019 18:50
Operator : JU/SJ
Sample : K2896-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-20-S

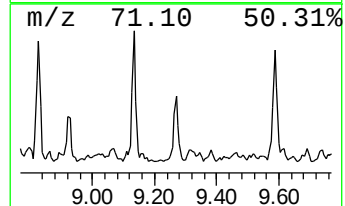
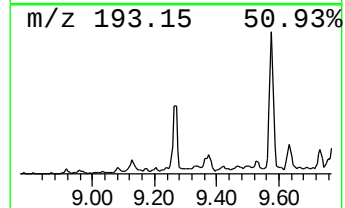
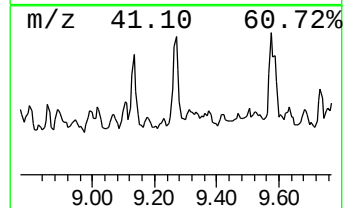
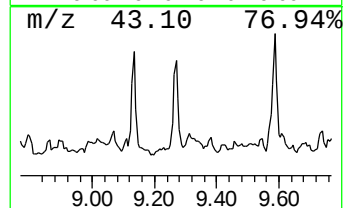
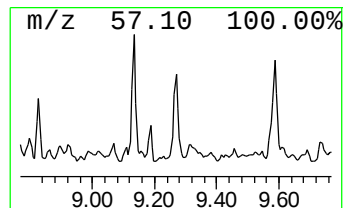
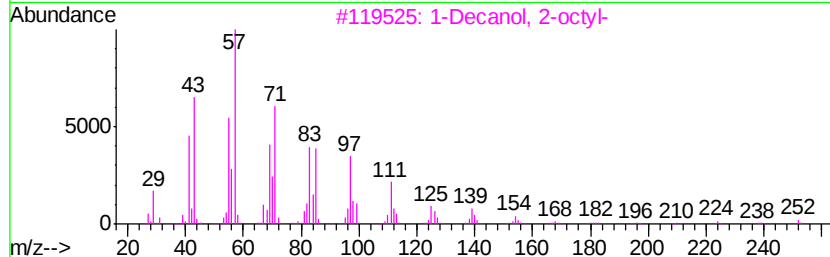
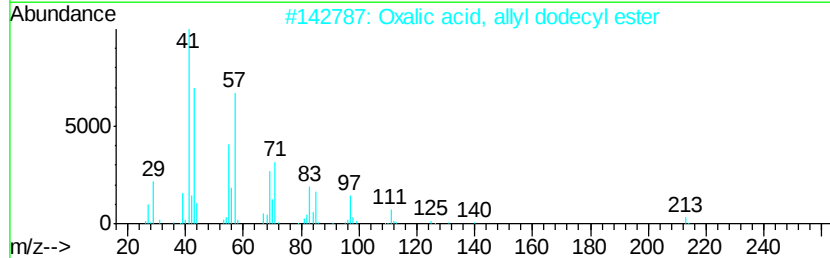
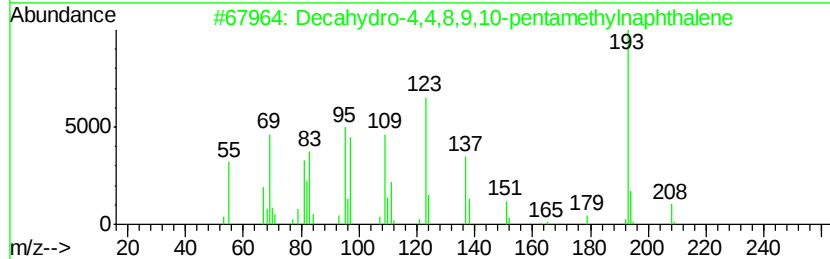
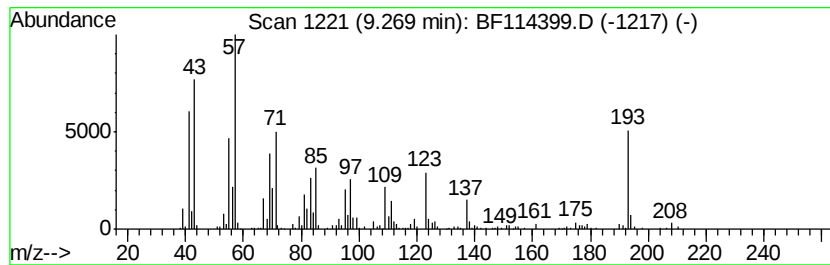
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.27 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	4.55 ng	526963	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
2		Oxalic acid, allyl dodecyl ester	298	C17H30O4	1000309-24-0	30
3		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	30
4		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	30
5		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114399.D
Acq On : 18 May 2019 18:50
Operator : JU/SJ
Sample : K2896-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

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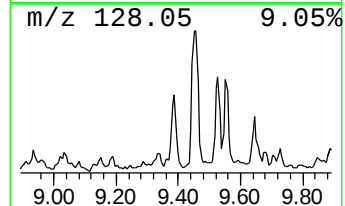
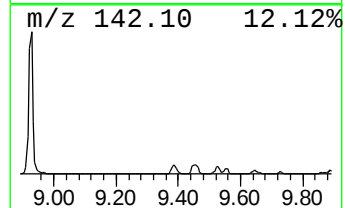
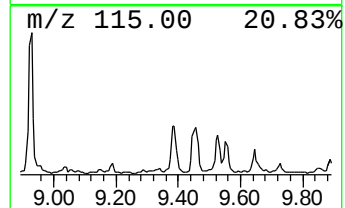
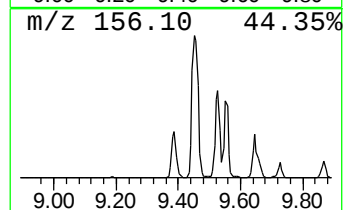
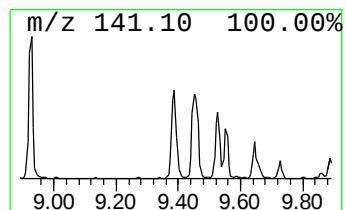
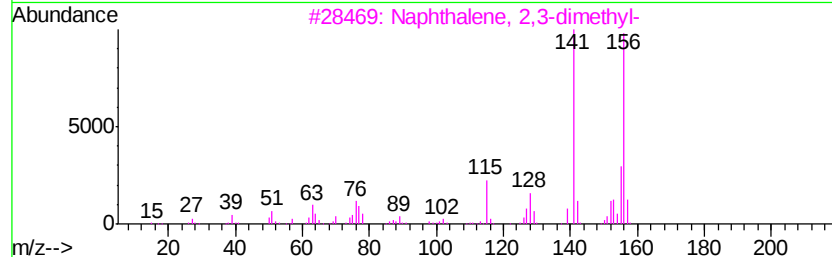
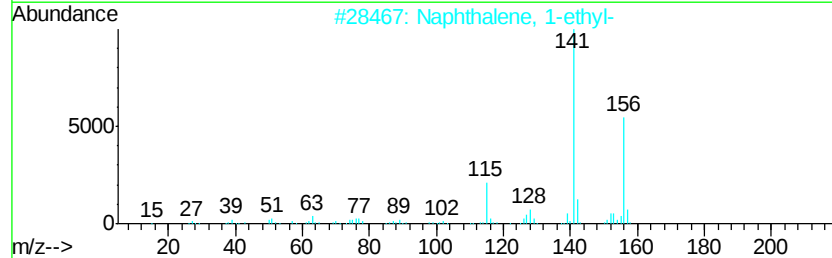
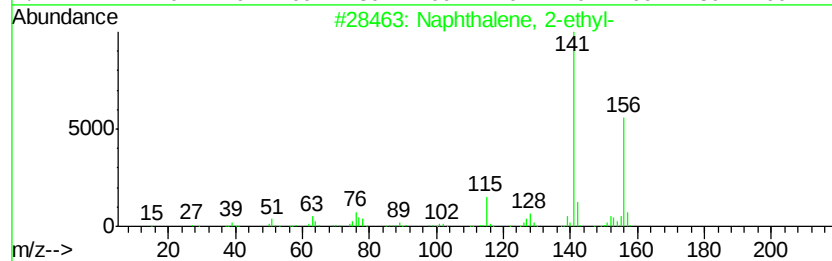
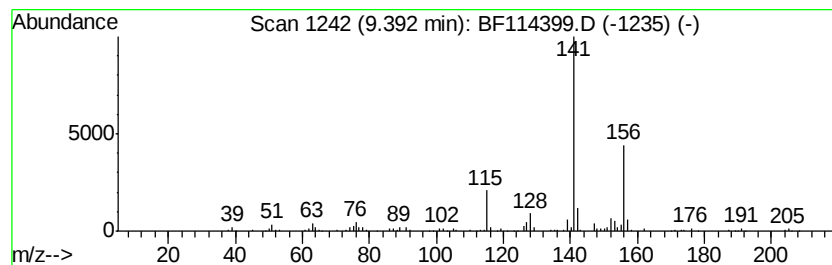
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	5.05 ng	585518	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	78
4		Naphthalene, 1-propyl-	170	C13H14	002765-18-6	59
5		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114399.D
Acq On : 18 May 2019 18:50
Operator : JU/SJ
Sample : K2896-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

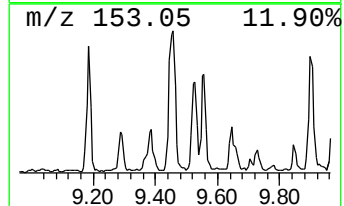
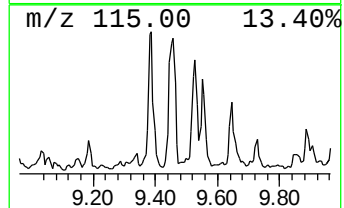
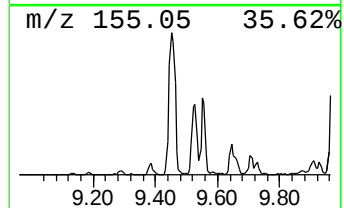
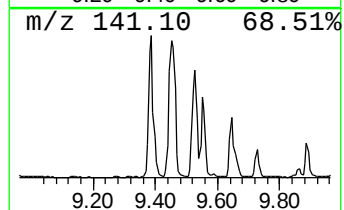
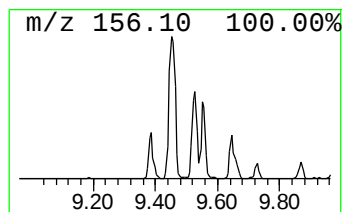
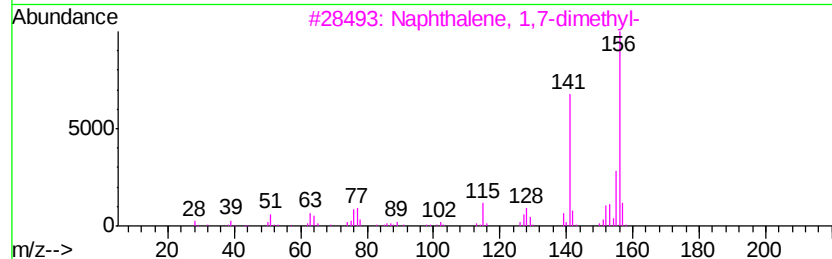
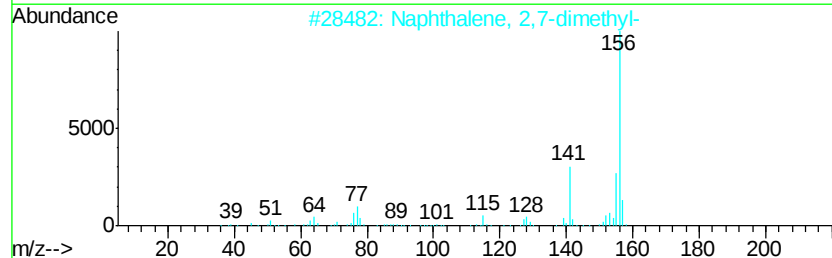
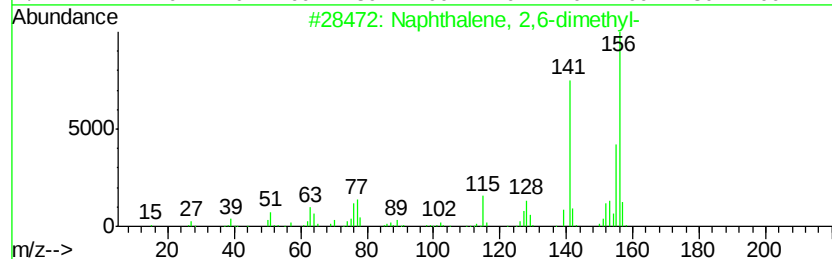
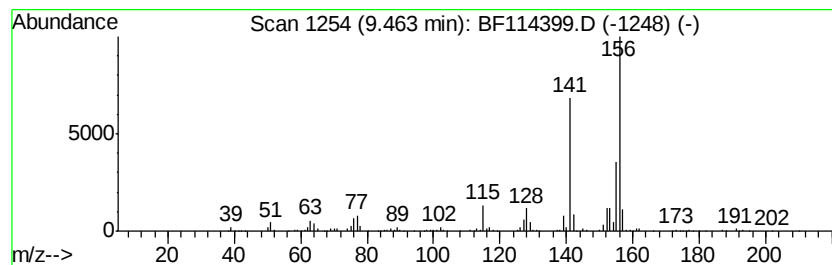
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ClientSampled :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.46	10.71 ng	1241120	Acenaphthene-d10		9.87	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114399.D
Acq On : 18 May 2019 18:50
Operator : JU/SJ
Sample : K2896-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-20-S

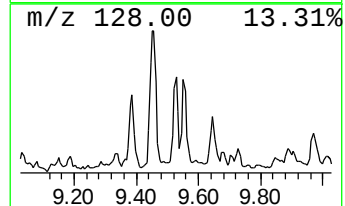
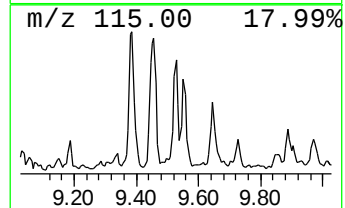
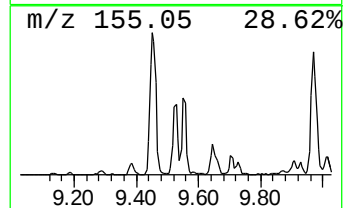
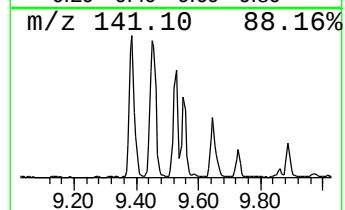
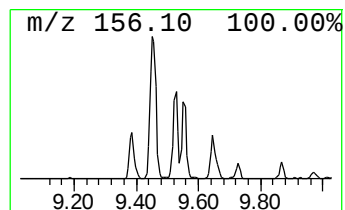
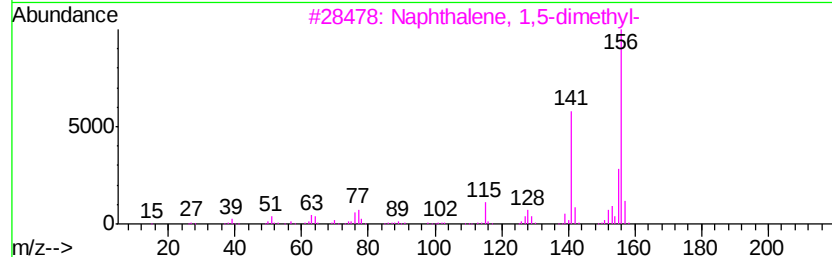
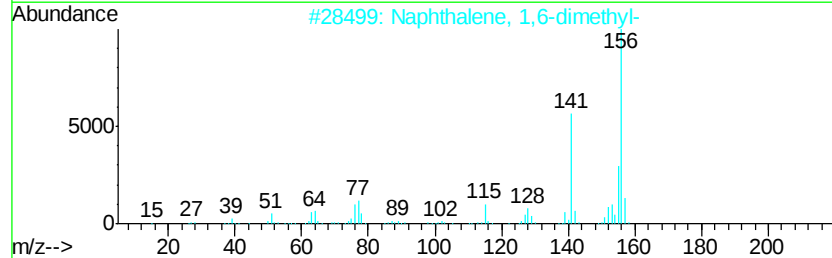
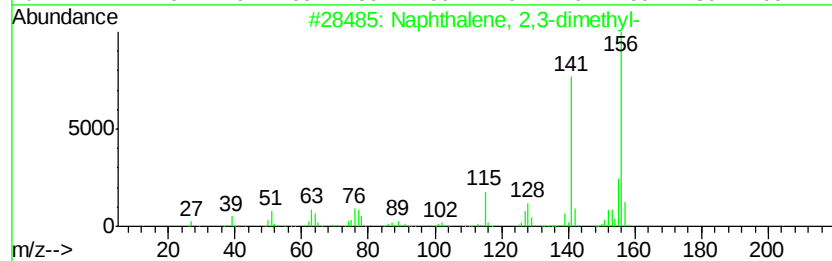
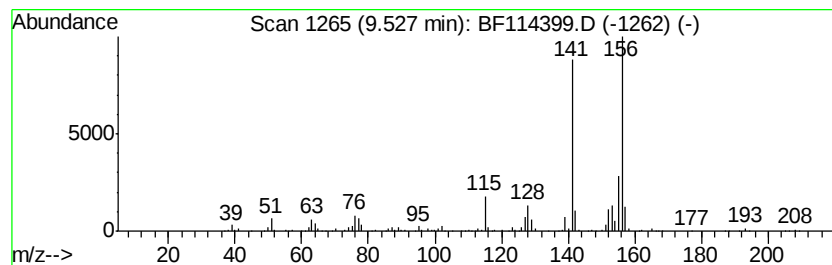
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	5.71 ng	661521	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114399.D
Acq On : 18 May 2019 18:50
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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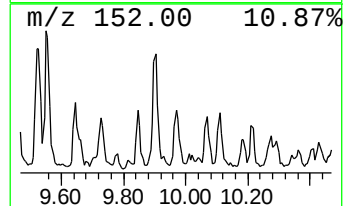
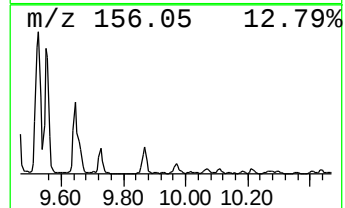
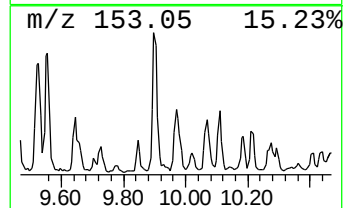
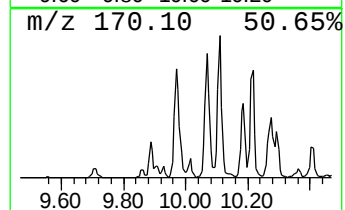
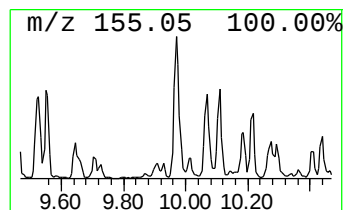
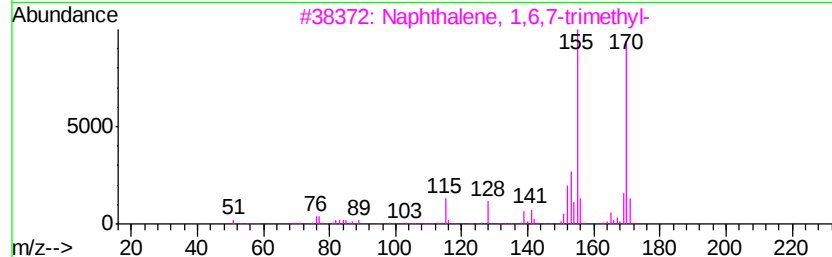
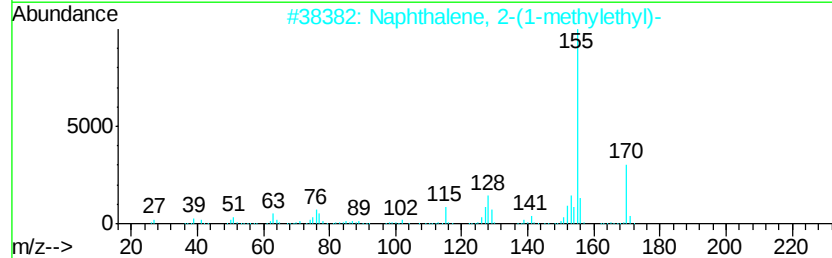
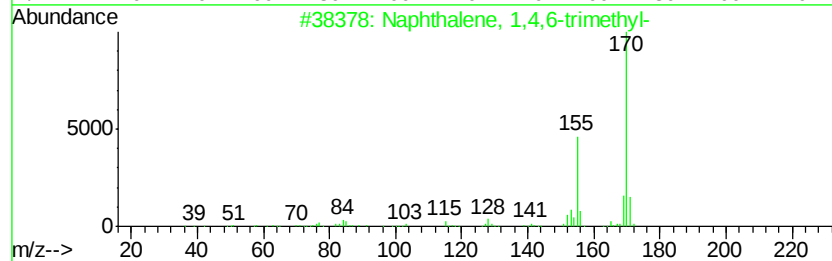
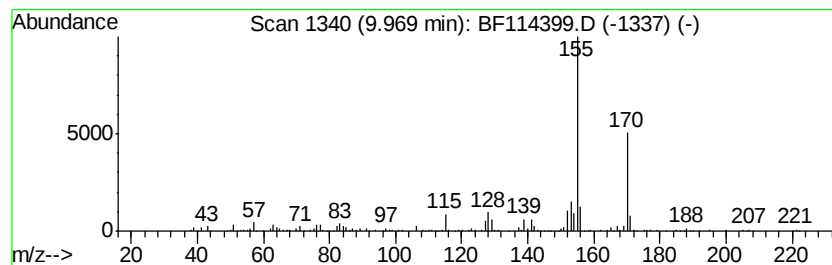
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	2.96 ng	342955	Acenaphthene-d10	9.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114399.D
Acq On : 18 May 2019 18:50
Operator : JU/SJ
Sample : K2896-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-20-S

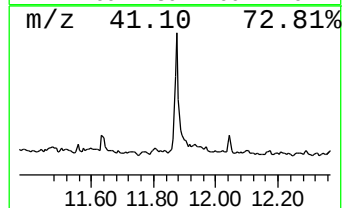
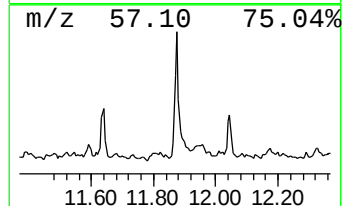
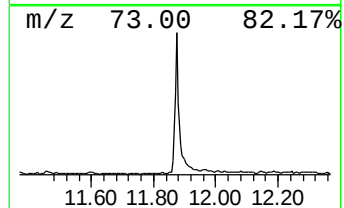
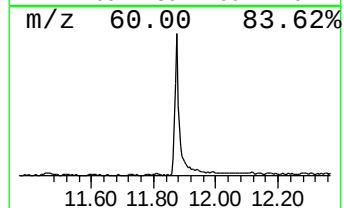
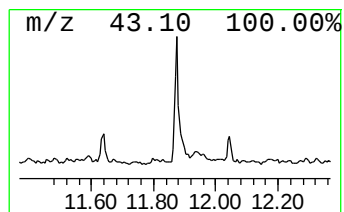
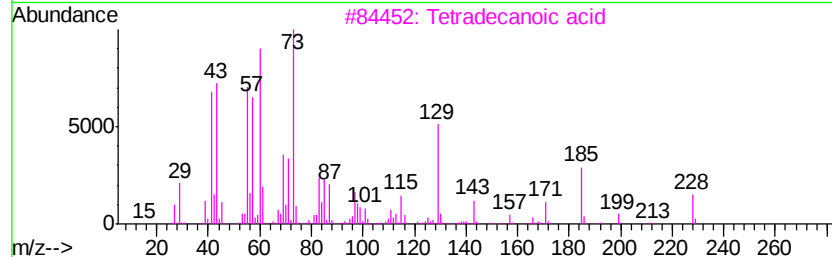
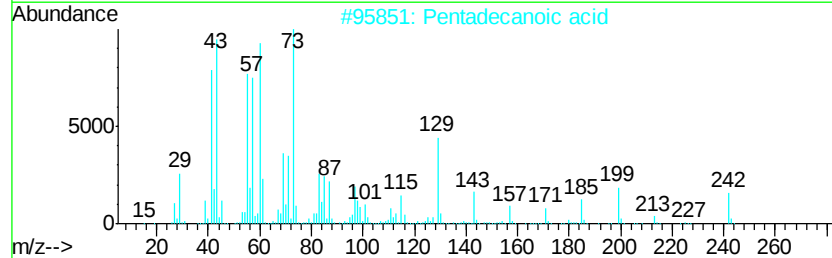
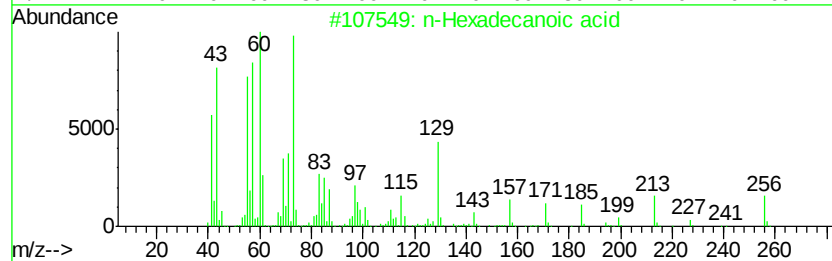
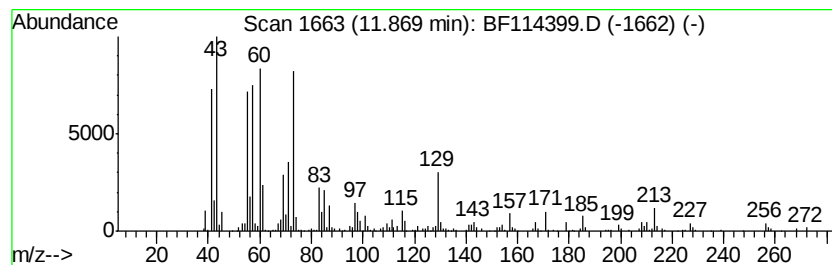
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	6.74 ng	722431	Phenanthrene-d10	11.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	87
5			n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114399.D
Acq On : 18 May 2019 18:50
Operator : JU/SJ
Sample : K2896-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-20-S

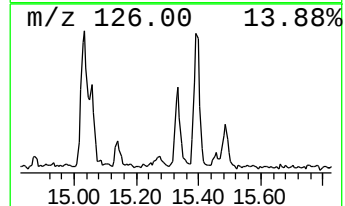
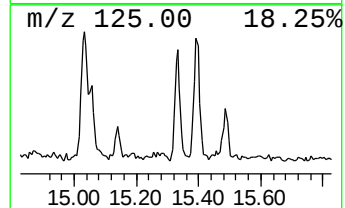
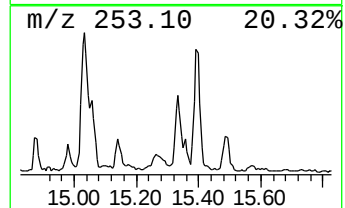
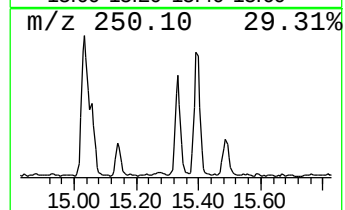
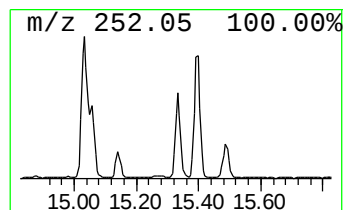
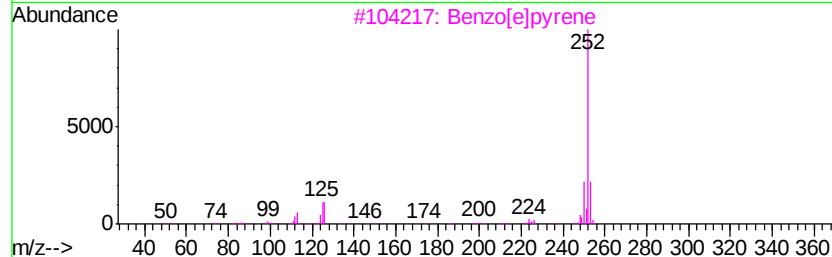
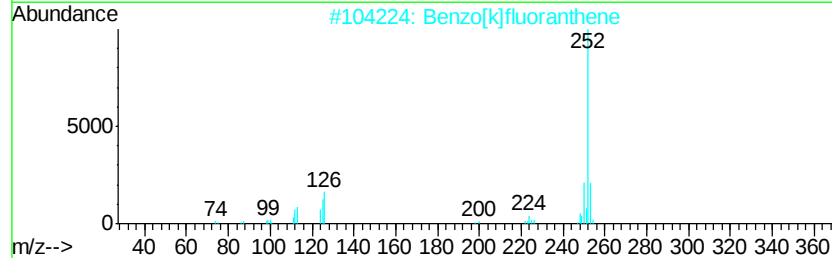
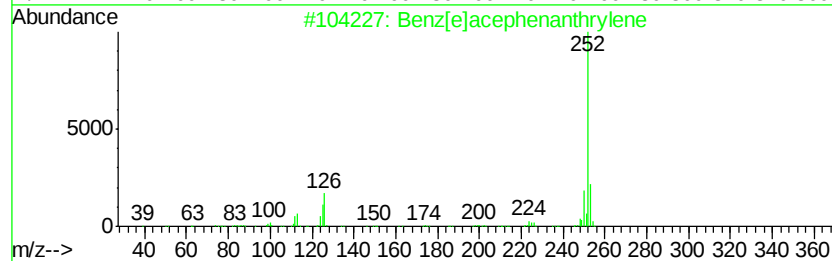
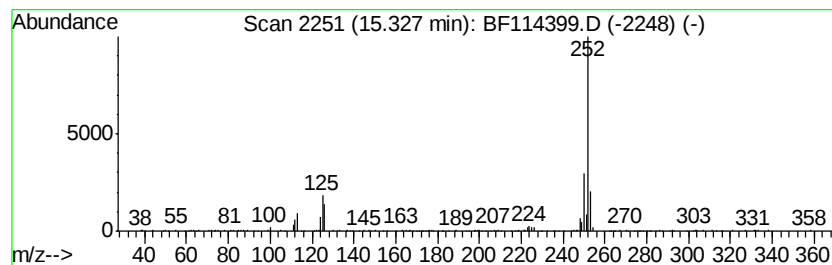
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	4.18 ng	316354	Perylene-d12	15.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3			Benzo[e]pyrene	252	C20H12	000192-97-2	93
4			Perylene	252	C20H12	000198-55-0	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114399.D
 Acq On : 18 May 2019 18:50
 Operator : JU/SJ
 Sample : K2896-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-20-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
Benzene, propyl-	6.30	4.4 ng		347256	1	6.83	1593530	20.0
Benzene, 1-ethyl-...	6.39	3.4 ng		273444	1	6.83	1593530	20.0
unknown6.61	6.61	62.7 ng		4994080	1	6.83	1593530	20.0
Benzene, 1,2,3-tr...	6.66	8.9 ng		709638	1	6.83	1593530	20.0
Indane	7.02	5.7 ng		457480	1	6.83	1593530	20.0
Benzene, 1,3-diet...	7.08	5.9 ng		467572	1	6.83	1593530	20.0
Benzene, 4-ethyl-...	7.15	12.9 ng		1024800	1	6.83	1593530	20.0
Benzene, 1-methyl...	7.23	3.0 ng		238675	1	6.83	1593530	20.0
unknown7.60	7.60	3.3 ng		446075	2	8.12	2672100	20.0
Benzene, 1-methyl...	7.72	3.4 ng		459732	2	8.12	2672100	20.0
Benzene, 1,2,3,4-...	7.86	5.4 ng		722586	2	8.12	2672100	20.0
unknown9.27	9.27	4.5 ng		526963	3	9.87	2318540	20.0
Naphthalene, 2-et...	9.39	5.0 ng		585518	3	9.87	2318540	20.0
Naphthalene, 2,6-...	9.46	10.7 ng		1241120	3	9.87	2318540	20.0
Naphthalene, 2,3-...	9.53	5.7 ng		661521	3	9.87	2318540	20.0
Naphthalene, 1,4,...	9.97	3.0 ng		342955	3	9.87	2318540	20.0
n-Hexadecanoic acid	11.87	6.7 ng		722431	4	11.35	2143660	20.0
Benzo[e]pyrene	15.33	4.2 ng		316354	6	15.46	1515000	20.0