

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
 Data File : BN007817.D
 Acq On : 24 Sep 2019 00:28
 Operator : HP/JU
 Sample : K4895-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFDJ2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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_N\METHODS\SOM-EPA-BN091619MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.152	25	28	35	rVB	90545	133691	0.78%	0.063%
2	3.223	35	40	44	rVV	350662	490812	2.85%	0.231%
3	3.281	46	50	64	rVB	4930628	5887193	34.21%	2.774%
4	3.634	106	110	116	rBV	165299	248637	1.44%	0.117%
5	3.693	116	120	126	rVV	640519	743434	4.32%	0.350%
6	3.875	147	151	156	rVV2	88469	142574	0.83%	0.067%
7	3.964	158	166	177	rVB2	637196	1088868	6.33%	0.513%
8	4.099	186	189	195	rVB	96021	130947	0.76%	0.062%
9	4.217	204	209	216	rBV	1473194	1787504	10.39%	0.842%
10	4.281	216	220	233	rVB	172473	273857	1.59%	0.129%
11	4.387	234	238	246	rBV	1453876	1889684	10.98%	0.890%
12	4.828	305	313	324	rVV	2279675	3115594	18.10%	1.468%
13	5.246	378	384	392	rVB	332752	483985	2.81%	0.228%
14	5.317	392	396	400	rBV	98200	141074	0.82%	0.066%
15	5.375	400	406	415	rVB	881955	1700150	9.88%	0.801%
16	5.675	451	457	462	rVV	233043	334145	1.94%	0.157%
17	5.734	462	467	478	rVB	1109583	1658535	9.64%	0.781%
18	6.687	623	629	636	rBV	150403	241880	1.41%	0.114%
19	6.799	642	648	653	rBV	609004	920993	5.35%	0.434%
20	6.858	653	658	666	rVV3	850620	1573305	9.14%	0.741%
21	6.928	666	670	676	rVB	752786	1072353	6.23%	0.505%
22	7.028	681	687	694	rBV	1752689	2860444	16.62%	1.348%
23	7.093	694	698	704	rVV	609573	917000	5.33%	0.432%
24	7.222	714	720	729	rBV	2106529	3324342	19.32%	1.566%
25	7.346	735	741	748	rVB	1401373	2094033	12.17%	0.987%
26	7.687	791	799	805	rVV	2161995	3409857	19.81%	1.607%
27	7.734	805	807	809	rVV	128381	163456	0.95%	0.077%
28	7.758	809	811	814	rVV	125125	170697	0.99%	0.080%
29	7.805	814	819	837	rVB	1135934	1956124	11.37%	0.922%
30	8.058	853	862	869	rVB2	473332	1176878	6.84%	0.555%
31	8.187	878	884	888	rBV	147598	236514	1.37%	0.111%
32	8.240	888	893	899	rVB	199024	296903	1.73%	0.140%
33	8.328	901	908	913	rBV	547927	832915	4.84%	0.392%
34	8.387	913	918	925	rVB	1640949	2558456	14.87%	1.206%

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35	8.493	931	936	945	rVB2	187901	361365	2.10%	0.170%
36	8.640	954	961	965	rBV	200308	307210	1.79%	0.145%
37	8.693	965	970	975	rVB	225340	353419	2.05%	0.167%
38	8.793	977	987	989	rBV	628570	1026335	5.96%	0.484%
39	8.828	989	993	998	rVB	1899173	2707581	15.73%	1.276%
40	9.040	1019	1029	1036	rVB5	66693	185315	1.08%	0.087%
41	9.116	1036	1042	1049	rBV2	205066	348282	2.02%	0.164%
42	9.305	1069	1074	1079	rVV	440400	702153	4.08%	0.331%
43	9.369	1079	1085	1094	rVB	643352	1050057	6.10%	0.495%
44	9.546	1107	1115	1123	rBV	1821963	3059447	17.78%	1.442%
45	9.616	1123	1127	1132	rVV2	94984	185576	1.08%	0.087%
46	9.681	1132	1138	1141	rVV4	125575	285770	1.66%	0.135%
47	9.722	1141	1145	1152	rVV	353981	632394	3.67%	0.298%
48	9.869	1159	1170	1179	rVV2	1058244	2107011	12.24%	0.993%
49	9.946	1179	1183	1193	rVV4	129409	299993	1.74%	0.141%
50	10.081	1199	1206	1217	rVV	3077356	5365292	31.18%	2.528%
51	10.175	1217	1222	1229	rVB	99193	179900	1.05%	0.085%
52	10.328	1243	1248	1252	rVV6	80258	164761	0.96%	0.078%
53	10.387	1254	1258	1261	rVV2	92590	156698	0.91%	0.074%
54	10.457	1261	1270	1275	rVV	2975108	5291499	30.75%	2.493%
55	10.510	1275	1279	1286	rVV	1524959	2678159	15.56%	1.262%
56	10.593	1286	1293	1305	rVV	2583331	4789642	27.83%	2.257%
57	10.687	1305	1309	1317	rVV	109106	188015	1.09%	0.089%
58	10.881	1338	1342	1347	rVV3	72140	125409	0.73%	0.059%
59	11.122	1379	1383	1389	rVB	115032	188255	1.09%	0.089%
60	11.381	1421	1427	1432	rVB	176236	286508	1.66%	0.135%
61	11.569	1454	1459	1466	rVB	166755	278467	1.62%	0.131%
62	11.651	1469	1473	1478	rBV	99145	174612	1.01%	0.082%
63	11.851	1502	1507	1511	rBV	113198	172727	1.00%	0.081%
64	12.016	1529	1535	1539	rBV2	131358	239812	1.39%	0.113%
65	12.122	1545	1553	1564	rVB	1350387	2173115	12.63%	1.024%
66	12.346	1581	1591	1596	rBV	1065461	1701614	9.89%	0.802%
67	13.151	1723	1728	1732	rBV2	124425	246010	1.43%	0.116%
68	13.228	1736	1741	1752	rVB2	360568	647900	3.76%	0.305%
69	13.345	1757	1761	1773	rVB5	114945	318777	1.85%	0.150%
70	13.475	1778	1783	1796	rBV2	273012	717200	4.17%	0.338%
71	13.640	1803	1811	1816	rBV	458112	890349	5.17%	0.420%

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72	13.693	1816	1820	1821	rVV	309838	400661	2.33%	0.189%
73	13.728	1821	1826	1831	rVV	5535482	7678792	44.62%	3.618%
74	13.775	1831	1834	1840	rVB	1042757	1301394	7.56%	0.613%
75	13.869	1845	1850	1854	rBV2	359326	548358	3.19%	0.258%
76	14.004	1867	1873	1883	rBV	6255821	9350707	54.33%	4.406%
77	14.234	1907	1912	1917	rBV4	154646	249317	1.45%	0.117%
78	14.316	1919	1926	1932	rBV	4493042	6597792	38.34%	3.109%
79	14.510	1954	1959	1971	rVB2	489563	795492	4.62%	0.375%
80	14.722	1991	1995	1999	rBV4	86470	152036	0.88%	0.072%
81	15.092	2055	2058	2064	rBV3	105697	153180	0.89%	0.072%
82	15.310	2089	2095	2102	rBV	8287024	11904375	69.17%	5.609%
83	15.428	2109	2115	2123	rBV	2202281	3126462	18.17%	1.473%
84	17.063	2387	2393	2398	rBV	5519409	7627966	44.32%	3.594%
85	17.098	2398	2399	2403	rVB	185780	176384	1.02%	0.083%
86	17.157	2404	2409	2416	rBV	9209131	12843860	74.63%	6.052%
87	17.981	2544	2549	2560	rBV	2466568	3693845	21.46%	1.740%
88	18.845	2692	2696	2703	rBV2	596187	907409	5.27%	0.428%
89	19.263	2763	2767	2775	rBV	2304250	3228872	18.76%	1.521%
90	19.457	2795	2800	2806	rBV2	11251690	15807526	91.85%	7.448%
91	20.945	3051	3053	3057	rBV3	264785	410684	2.39%	0.194%
92	20.992	3058	3061	3065	rVB2	488039	631517	3.67%	0.298%
93	21.251	3101	3105	3118	rVB	7282313	9397889	54.61%	4.428%
94	21.869	3207	3210	3220	rVB	309845	476167	2.77%	0.224%
95	22.327	3285	3288	3292	rVB2	398280	474180	2.76%	0.223%
96	22.827	3370	3373	3378	rVB	499606	706619	4.11%	0.333%
97	23.333	3452	3459	3465	rBV	9771371	17210055	100.00%	8.109%
98	23.392	3466	3469	3475	rVV	558858	839860	4.88%	0.396%
99	23.468	3475	3482	3490	rVB	5599976	10125214	58.83%	4.771%
100	24.027	3574	3577	3586	rVB2	437530	771672	4.48%	0.364%

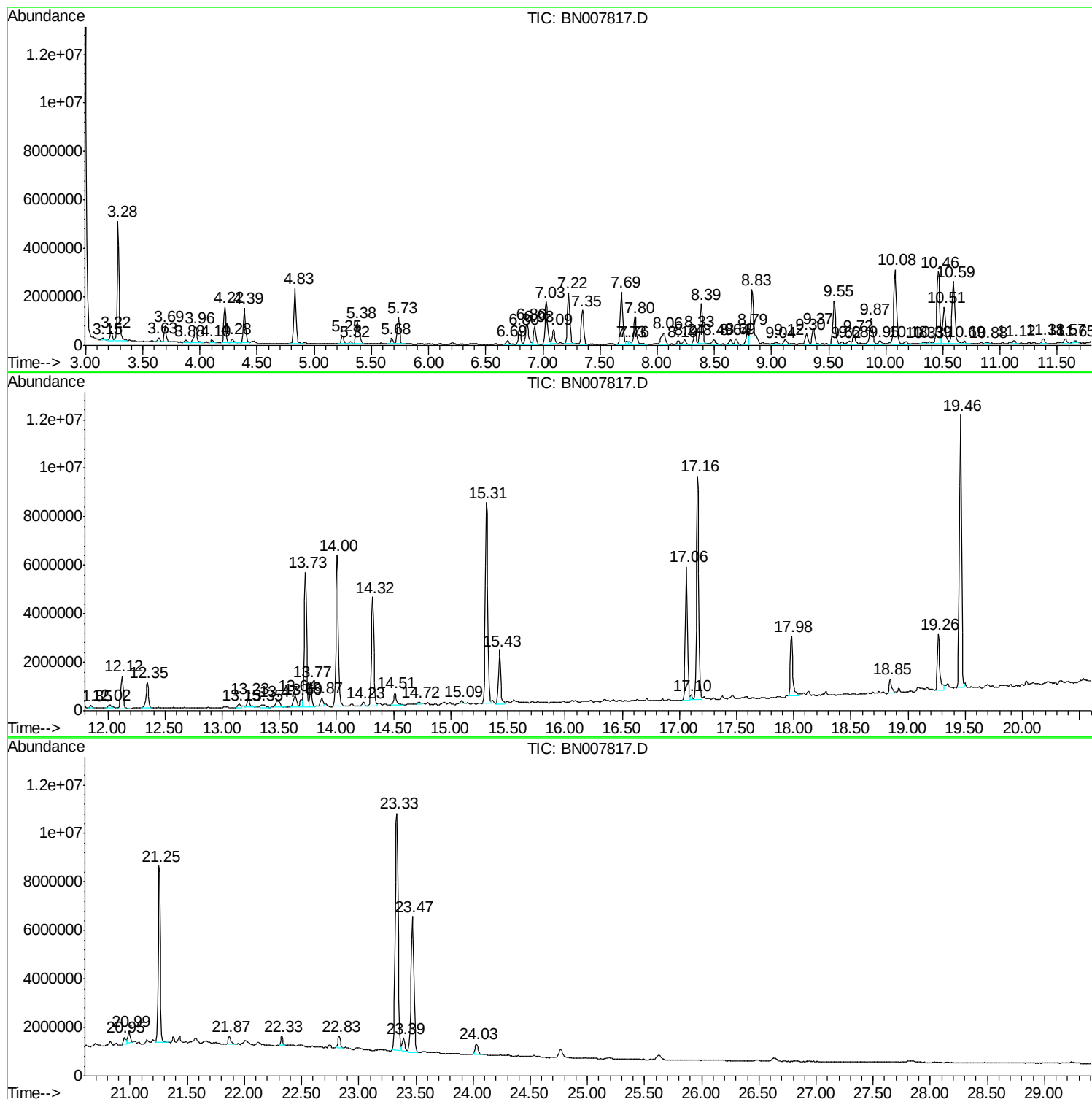
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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



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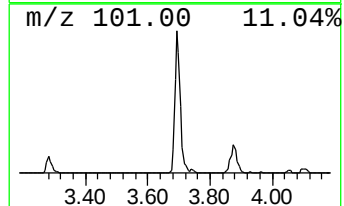
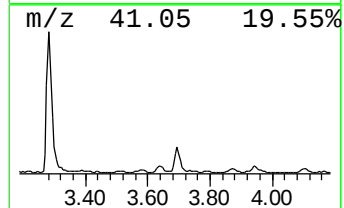
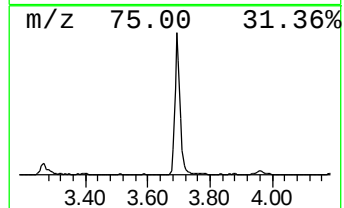
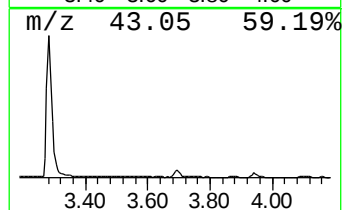
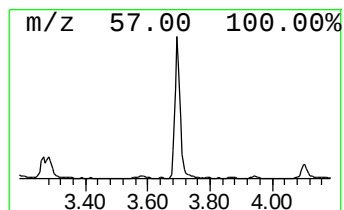
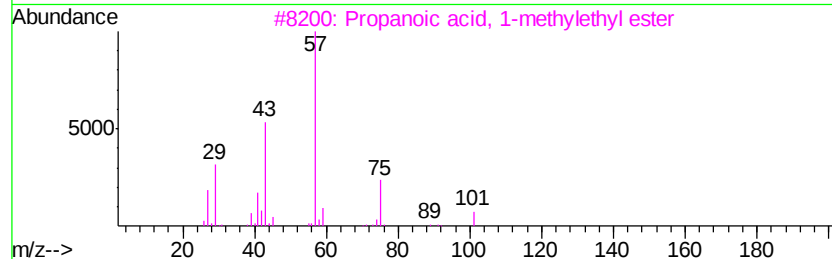
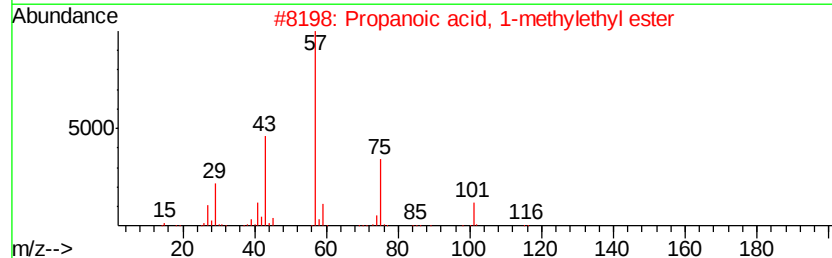
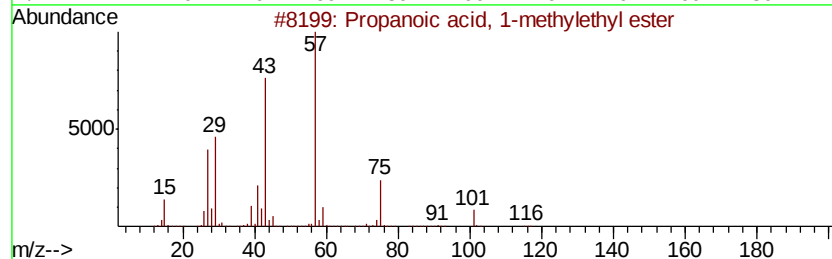
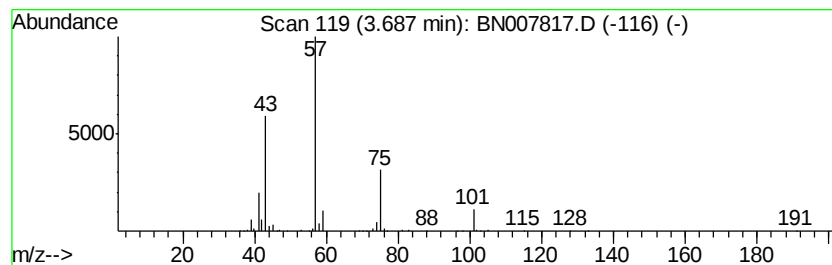
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.69	4.36 ng/ul	743434	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	74
2		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
3		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
4		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	59
5		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	50



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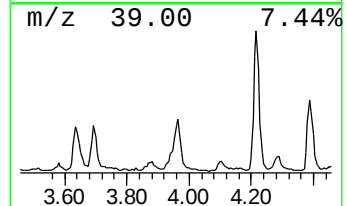
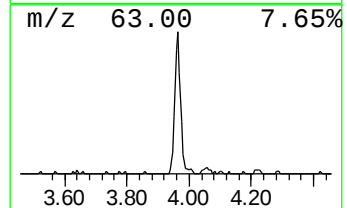
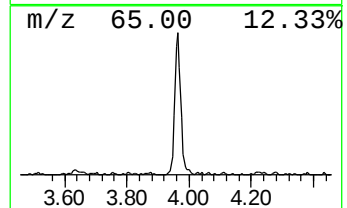
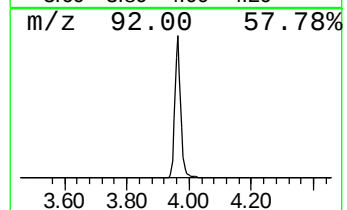
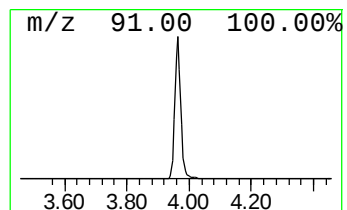
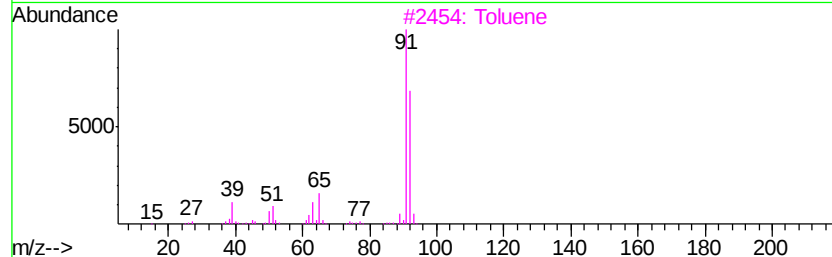
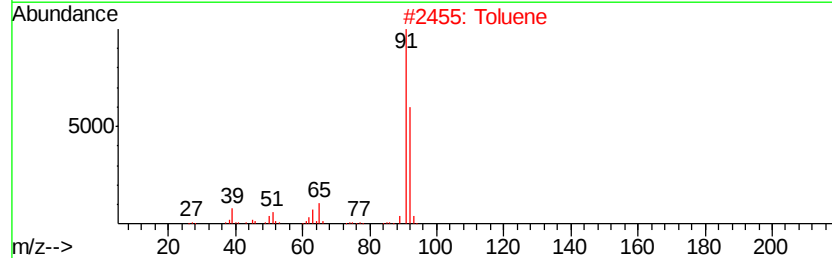
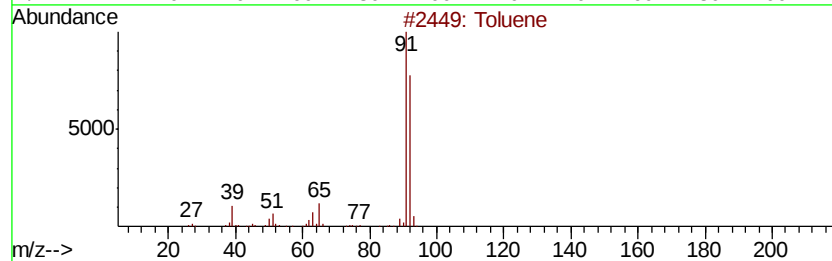
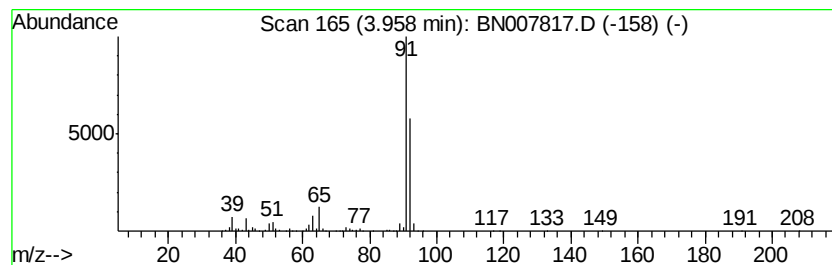
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Toluene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	6.39 ng/ul	1088870	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	95
2		Toluene	92	C7H8	000108-88-3	93
3		Toluene	92	C7H8	000108-88-3	91
4		Toluene	92	C7H8	000108-88-3	87
5		Toluene	92	C7H8	000108-88-3	87



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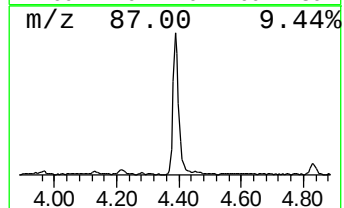
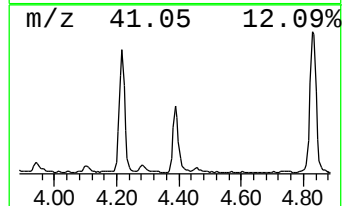
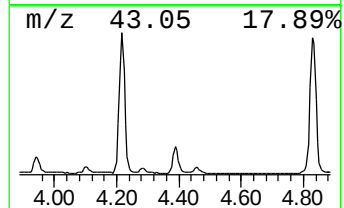
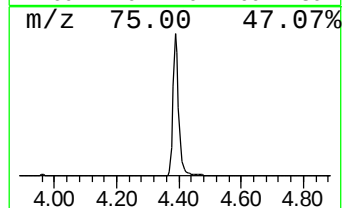
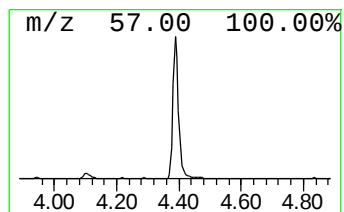
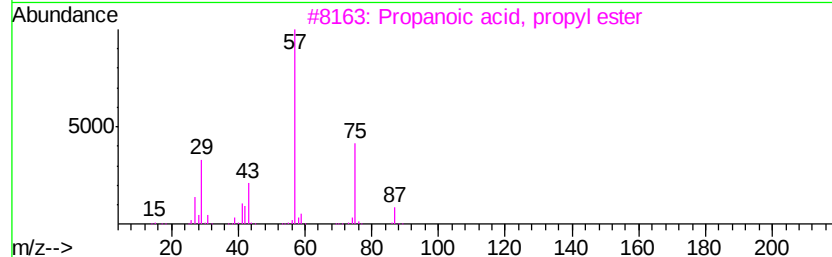
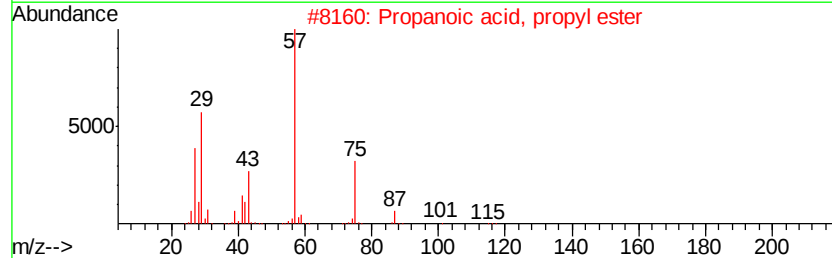
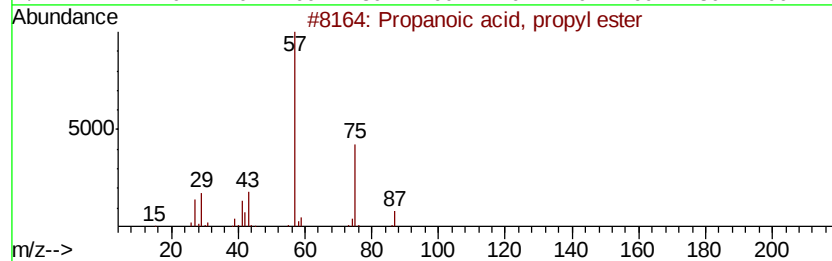
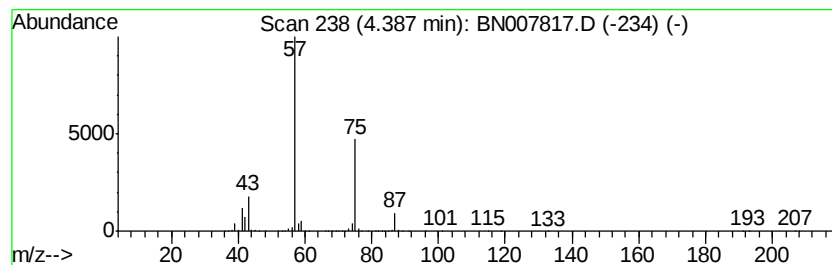
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Propanoic acid, propyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	11.08 ng/ul	1889680	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
4		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	72
5		Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	33



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Data File : BN007817.D
Acq On : 24 Sep 2019 00:28
Operator : HP/JU
Sample : K4895-09
Misc :
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Instrument :
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ClientSampleId :
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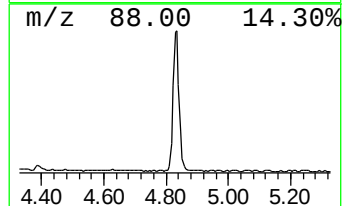
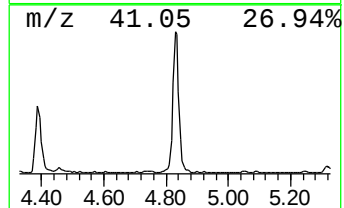
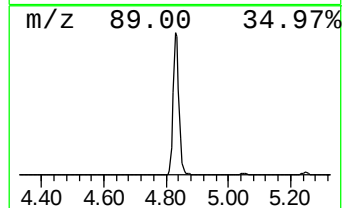
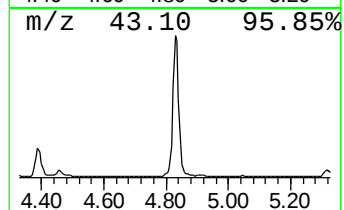
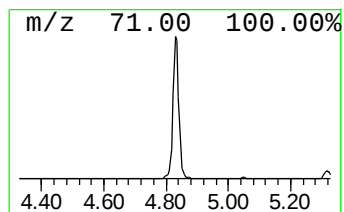
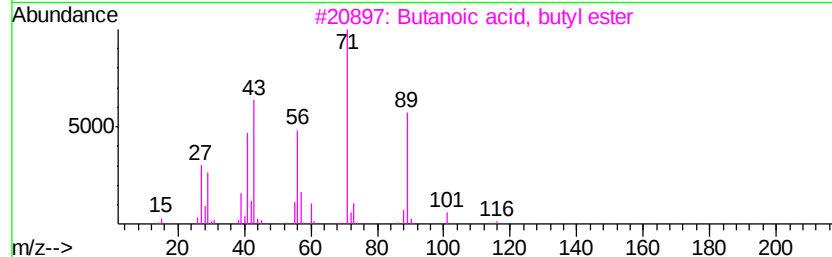
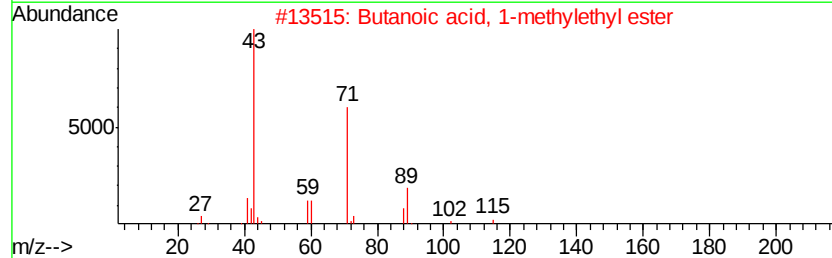
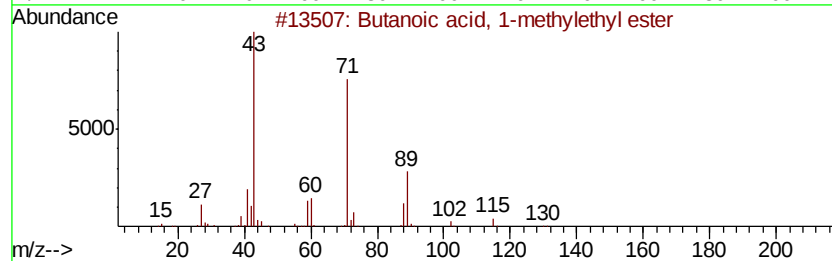
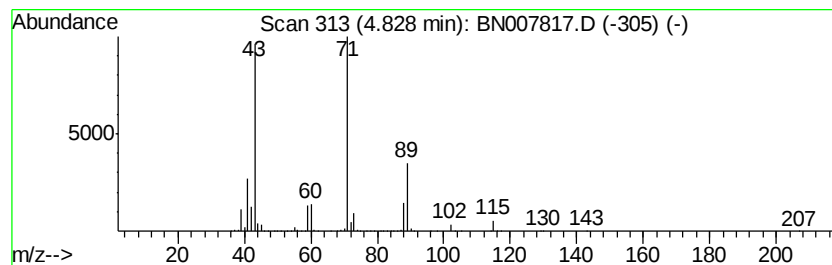
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Butanoic acid, 1-methylethy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	18.27 ng/ul	3115590	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	83
3		Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64
4		Butanoic acid, 1-methylpropyl ester	144	C8H16O2	000819-97-6	56
5		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007817.D
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Sample : K4895-09
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ClientSampleId :
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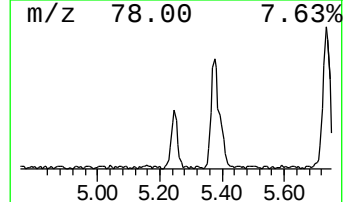
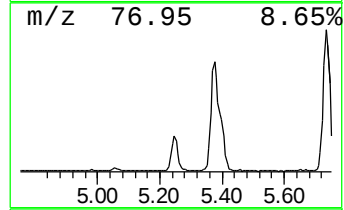
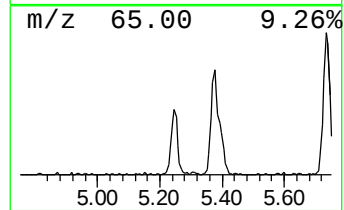
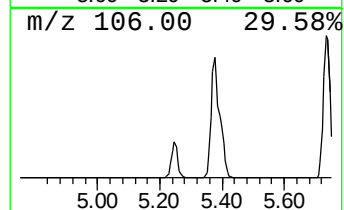
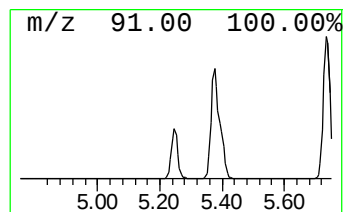
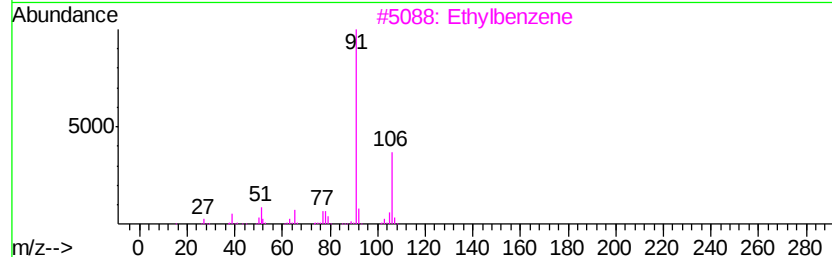
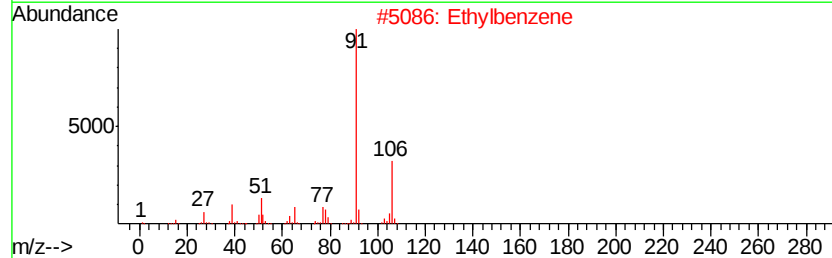
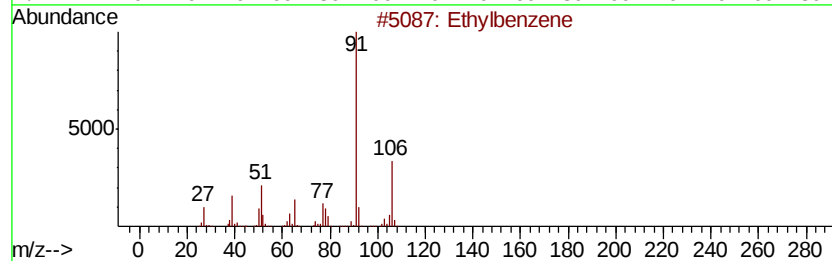
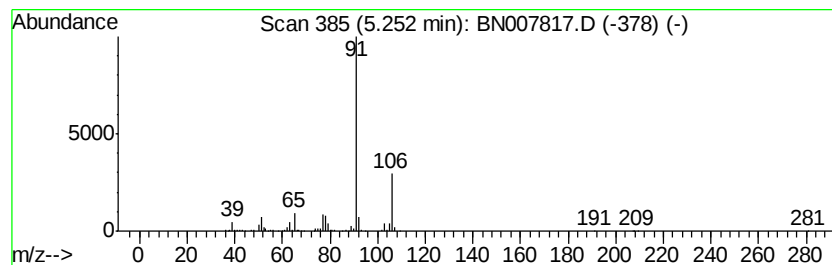
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Ethylbenzene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	2.84 ng/ul	483985	1,4-Dichlorobenzene-d4	7.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethylbenzene	106	C8H10	000100-41-4	90
2			Ethylbenzene	106	C8H10	000100-41-4	90
3			Ethylbenzene	106	C8H10	000100-41-4	90
4			Ethylbenzene	106	C8H10	000100-41-4	90
5			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007817.D
Acq On : 24 Sep 2019 00:28
Operator : HP/JU
Sample : K4895-09
Misc :
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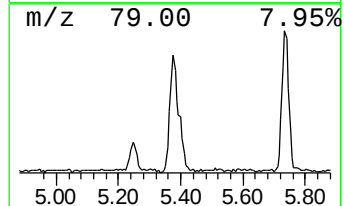
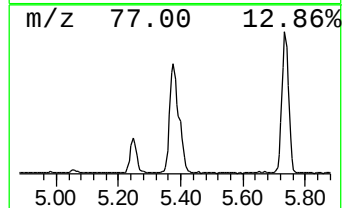
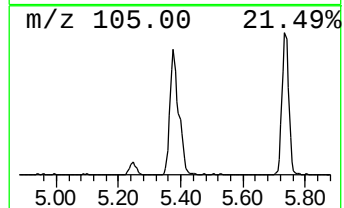
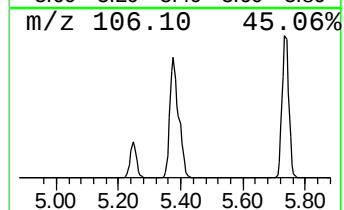
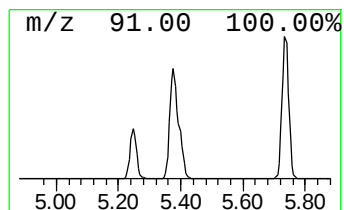
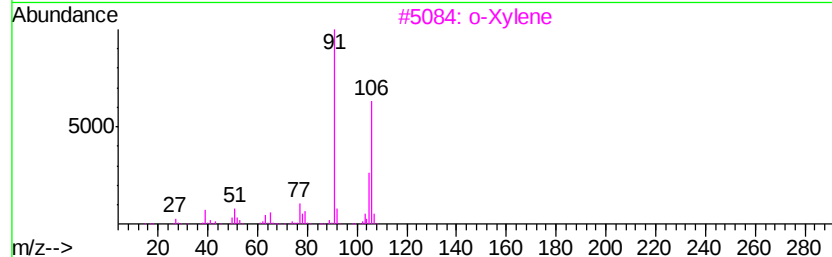
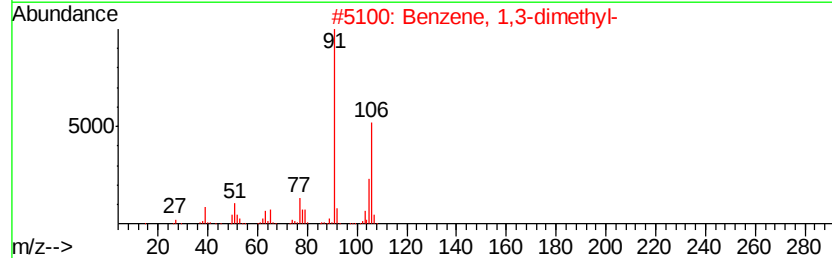
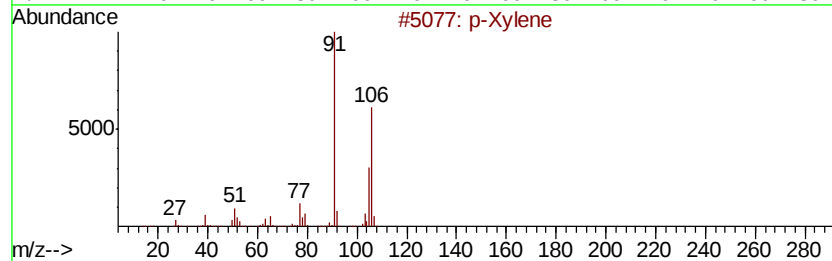
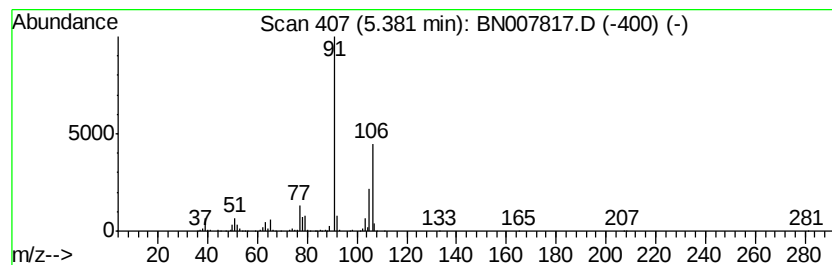
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 p-Xylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	9.97 ng/ul	1700150	1,4-Dichlorobenzene-d4	7.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Xylene	106	C8H10	000106-42-3	97
2			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3			o-Xylene	106	C8H10	000095-47-6	95
4			p-Xylene	106	C8H10	000106-42-3	95
5			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092319\
Data File : BN007817.D
Acq On : 24 Sep 2019 00:28
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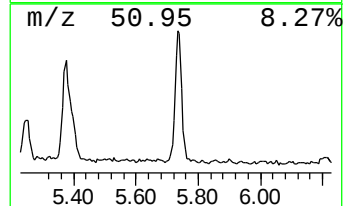
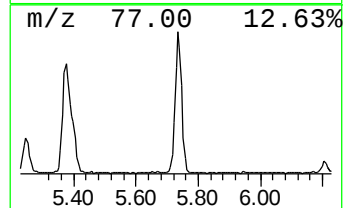
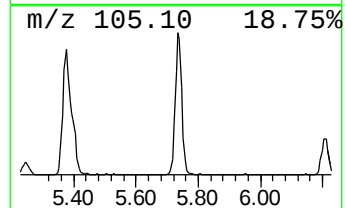
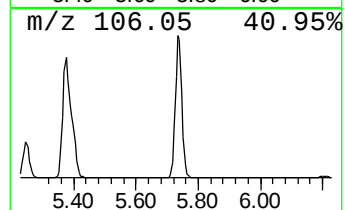
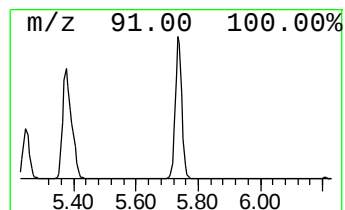
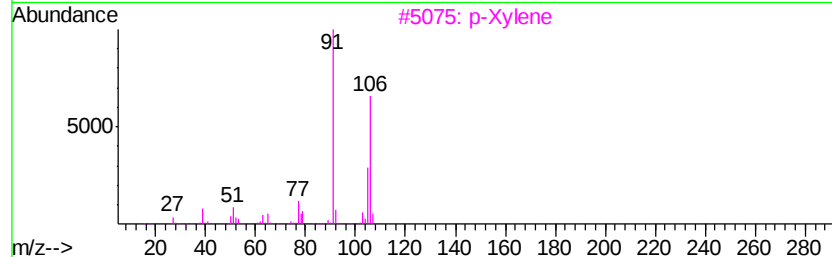
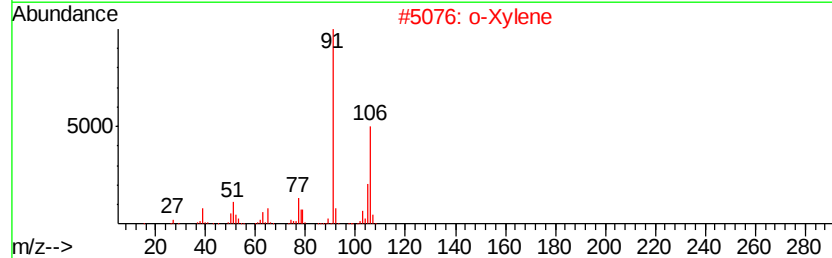
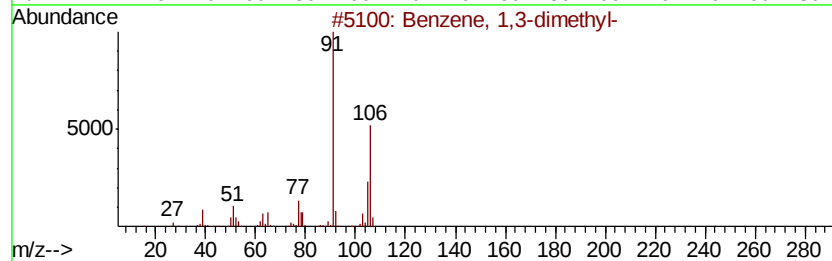
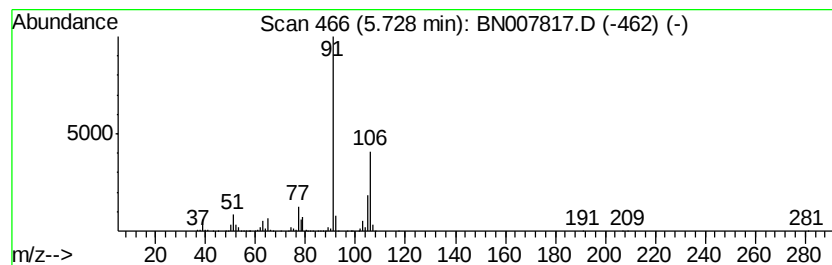
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	9.73 ng/ul	1658540	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		o-Xylene	106	C8H10	000095-47-6	97
3		p-Xylene	106	C8H10	000106-42-3	95
4		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
5		o-Xylene	106	C8H10	000095-47-6	94



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Data File : BN007817.D
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ClientSampleId :
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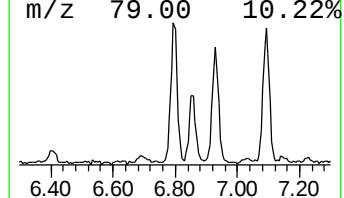
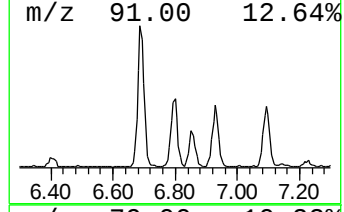
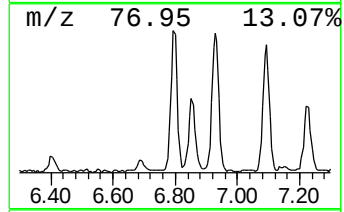
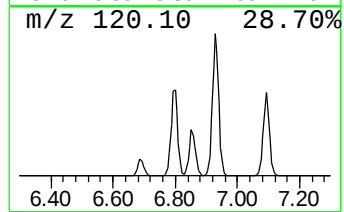
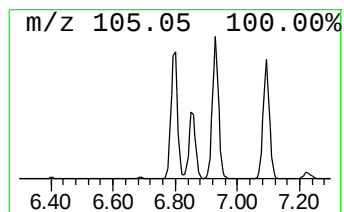
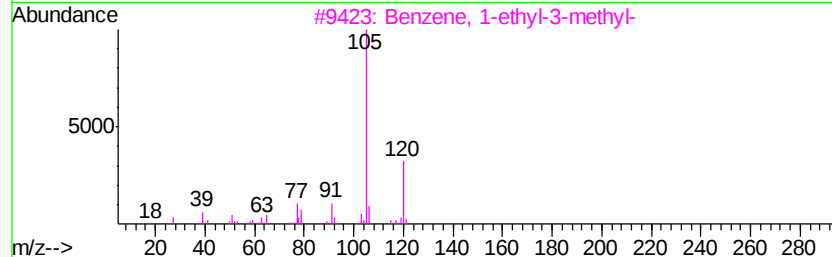
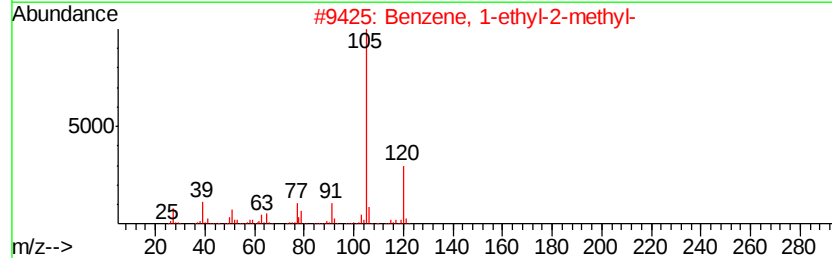
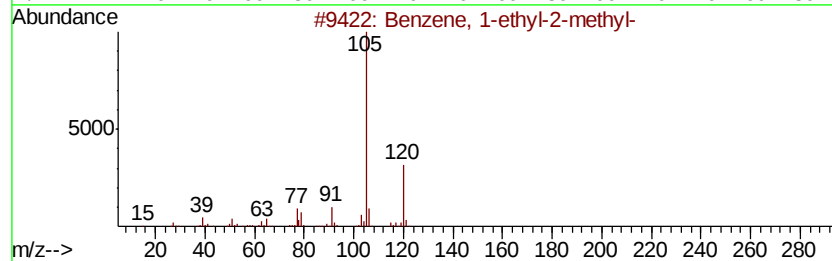
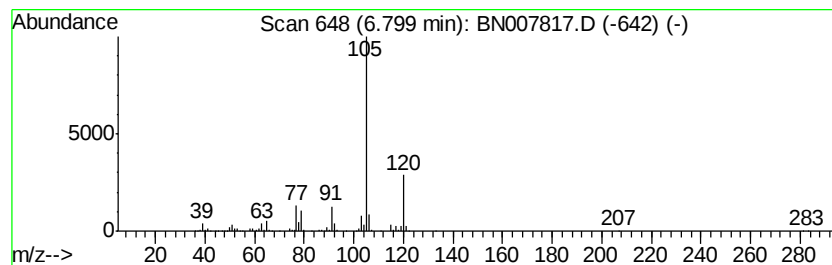
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	5.40 ng/ul	920993	1,4-Dichlorobenzene-d4	7.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
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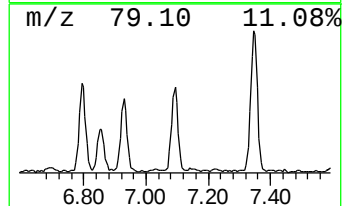
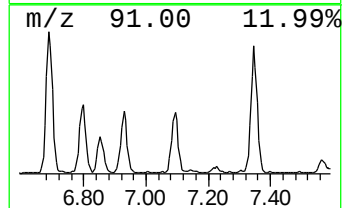
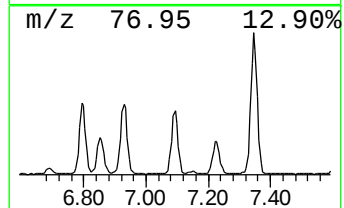
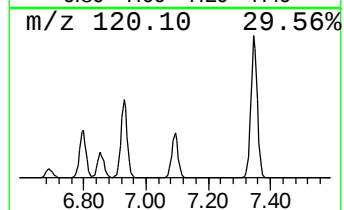
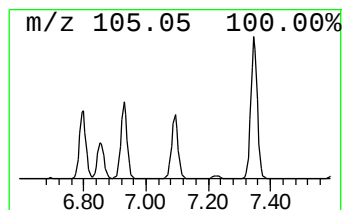
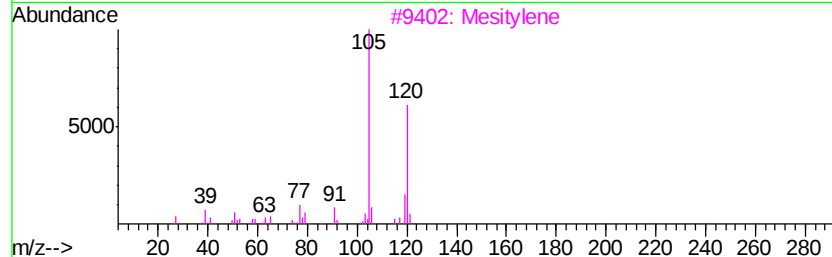
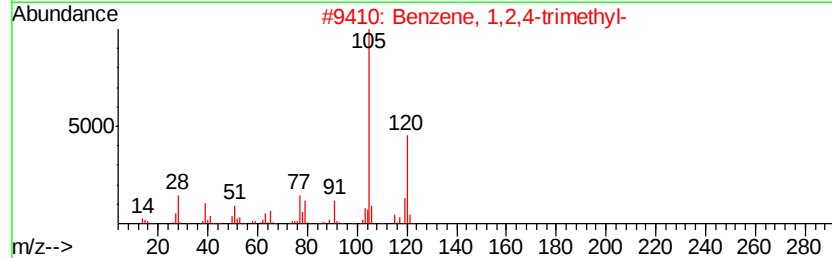
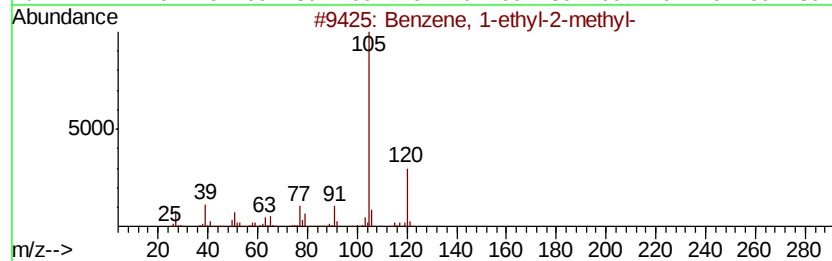
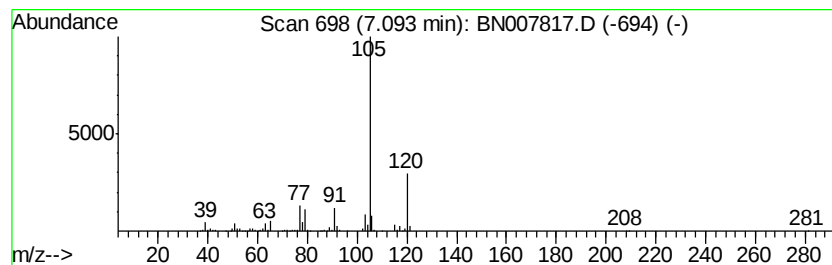
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzene, 1,2,4-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	5.38 ng/ul	917000	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007817.D
Acq On : 24 Sep 2019 00:28
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Sample : K4895-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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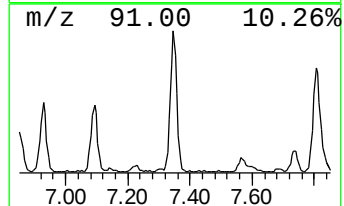
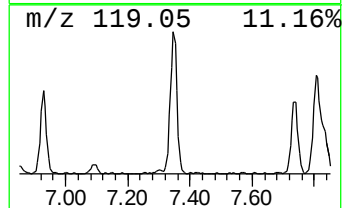
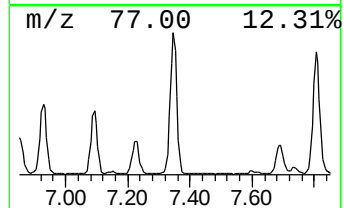
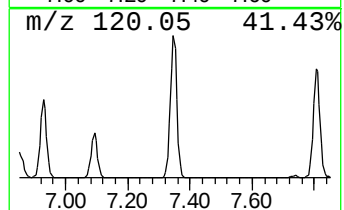
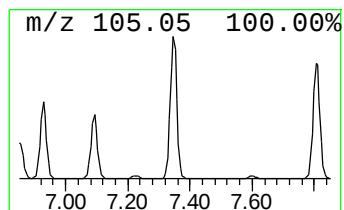
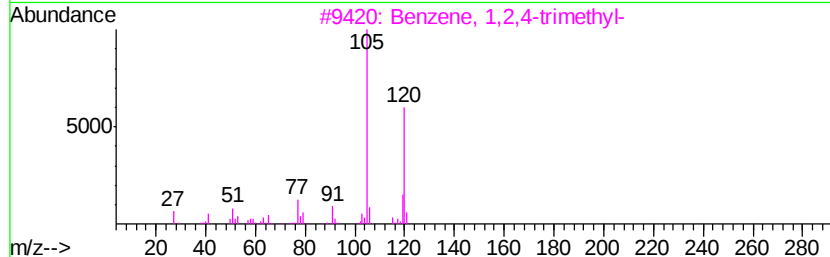
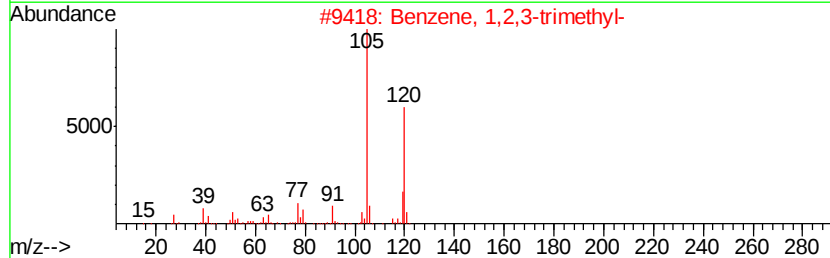
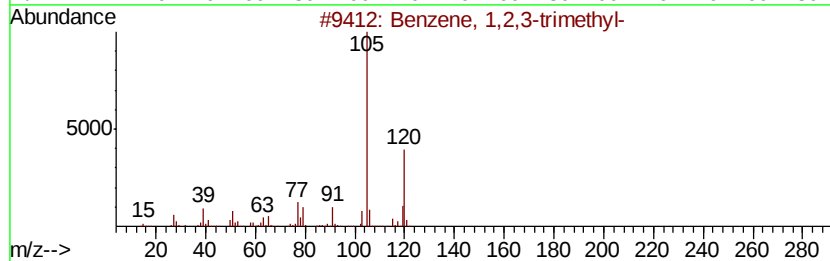
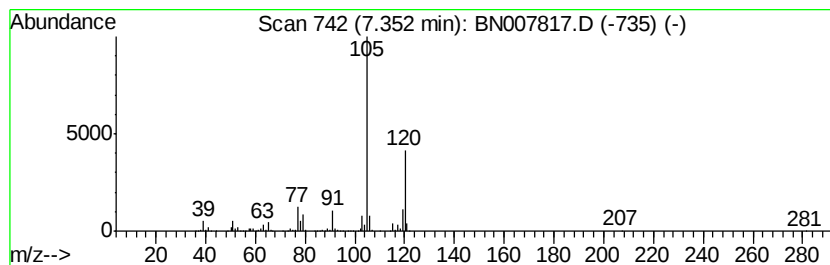
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	12.28 ng/ul	2094030	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007817.D
Acq On : 24 Sep 2019 00:28
Operator : HP/JU
Sample : K4895-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFDJ2

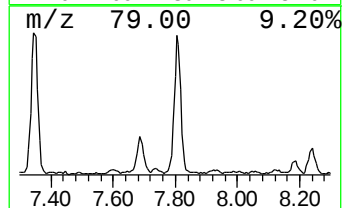
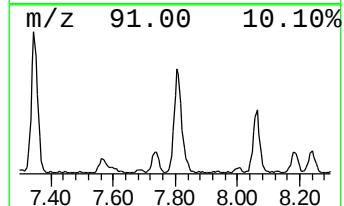
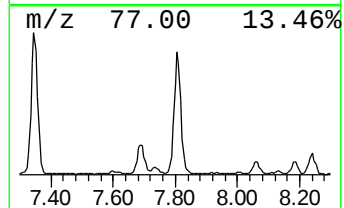
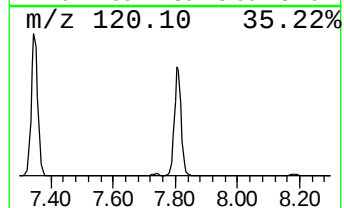
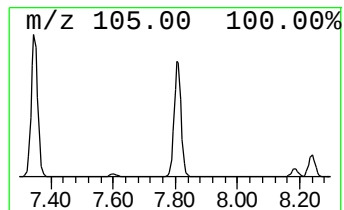
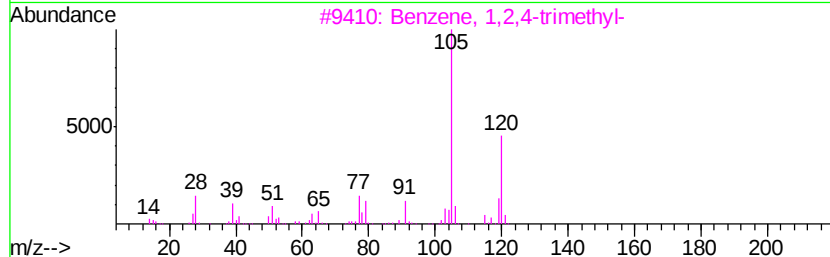
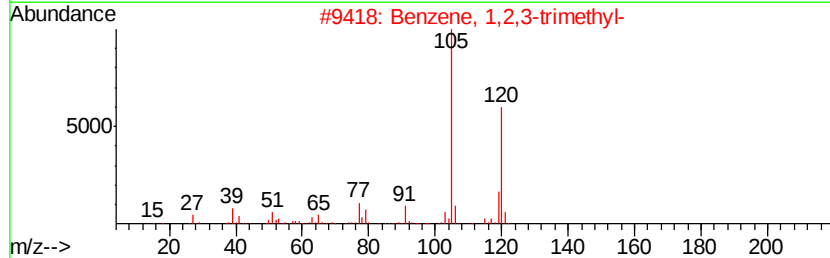
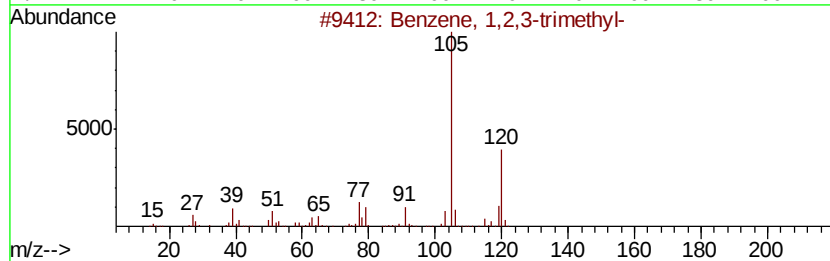
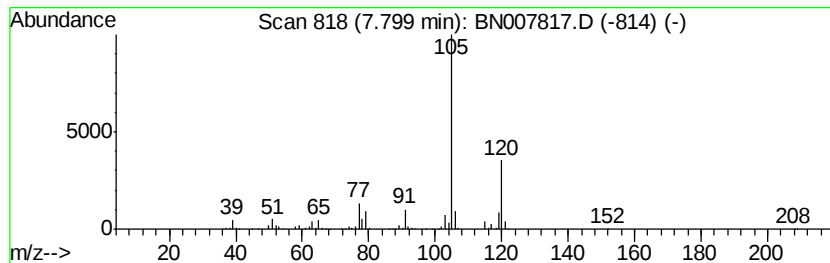
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	11.47 ng/ul	1956120	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
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Acq On : 24 Sep 2019 00:28
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Instrument :
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ClientSampleId :
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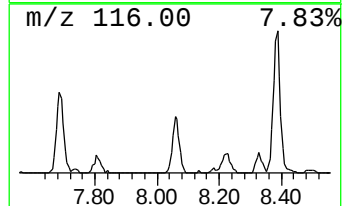
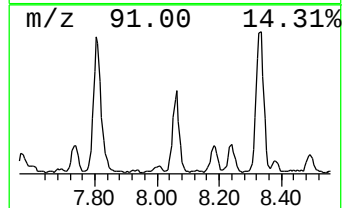
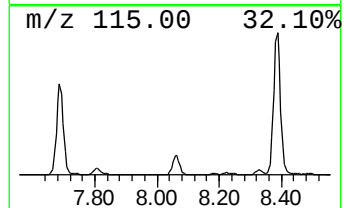
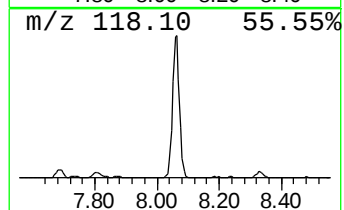
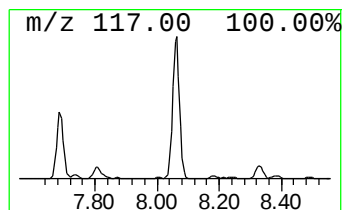
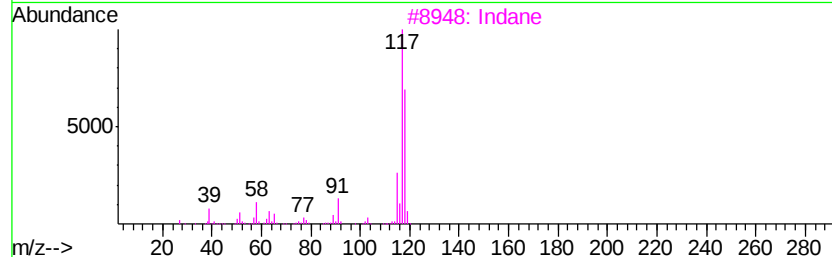
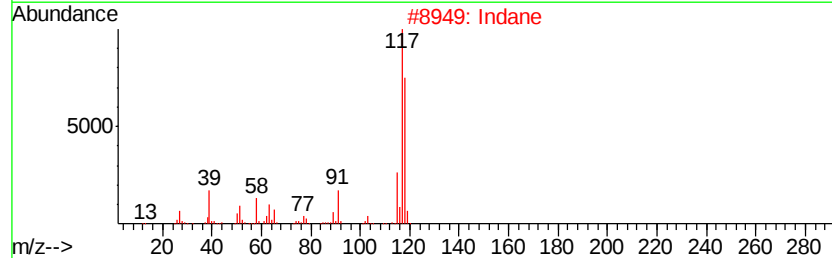
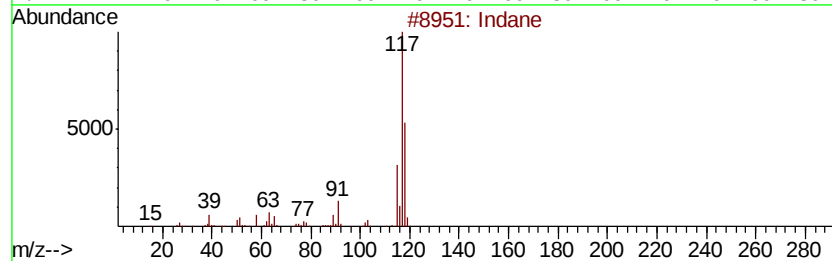
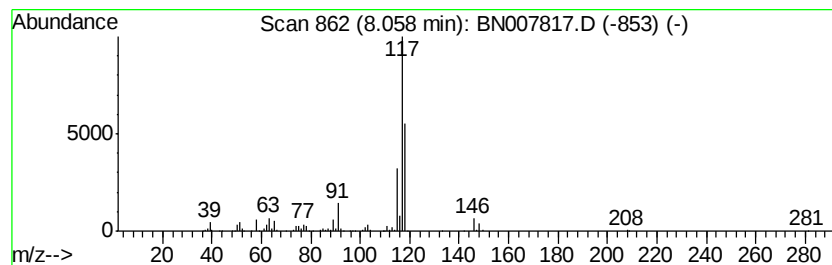
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	6.90 ng/ul	1176880	1,4-Dichlorobenzene-d4	7.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	94
2	Indane			118	C9H10	000496-11-7	81
3	Indane			118	C9H10	000496-11-7	81
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-			118	C9H10	1000191-13-7	74
5	Benzene, cyclopropyl-			118	C9H10	000873-49-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007817.D
Acq On : 24 Sep 2019 00:28
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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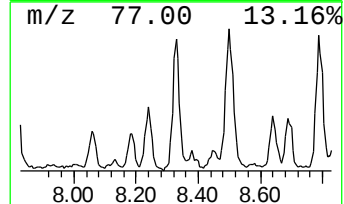
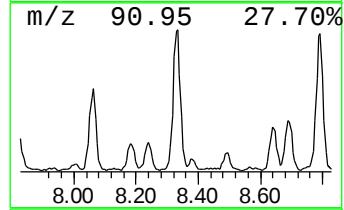
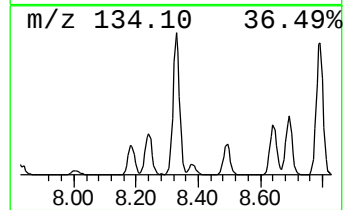
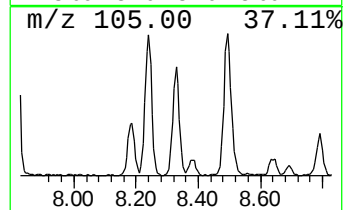
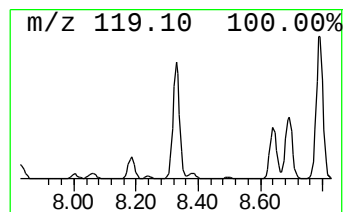
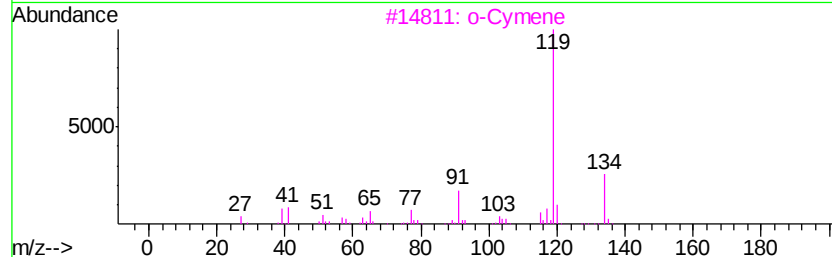
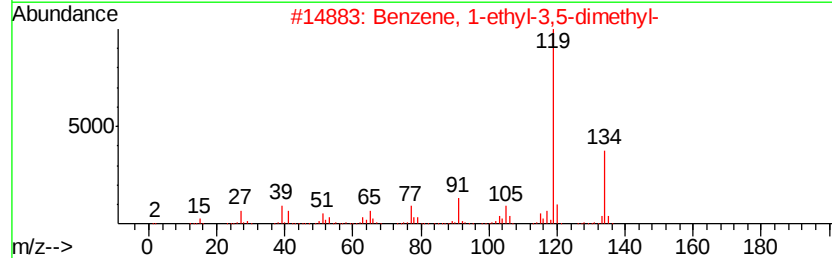
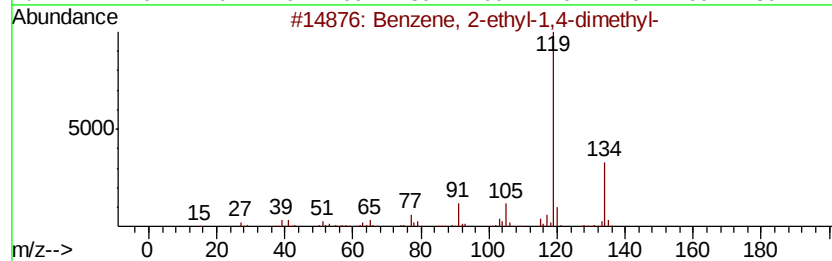
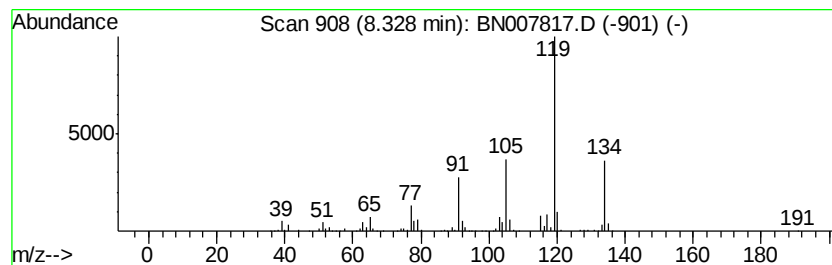
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	4.89 ng/ul	832915	1,4-Dichlorobenzene-d4	7.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
3			o-Cymene	134	C10H14	000527-84-4	93
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007817.D
Acq On : 24 Sep 2019 00:28
Operator : HP/JU
Sample : K4895-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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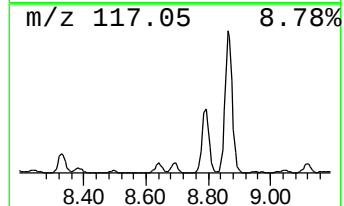
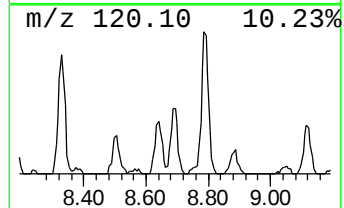
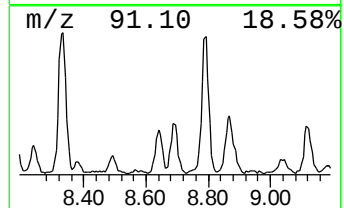
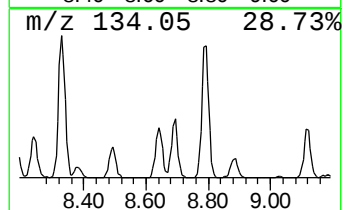
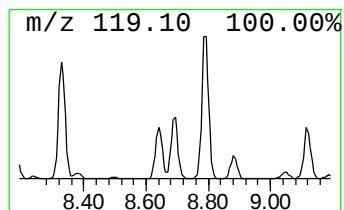
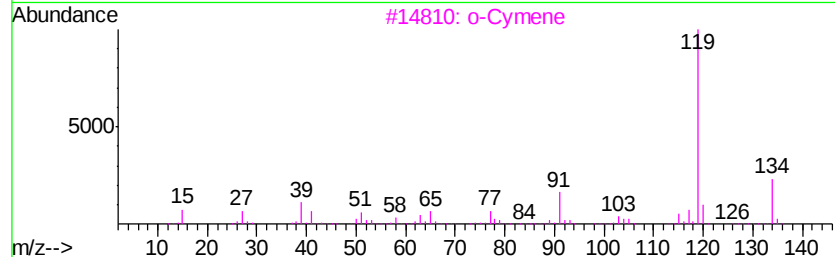
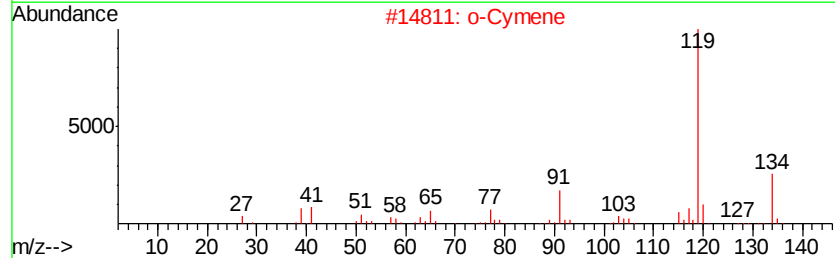
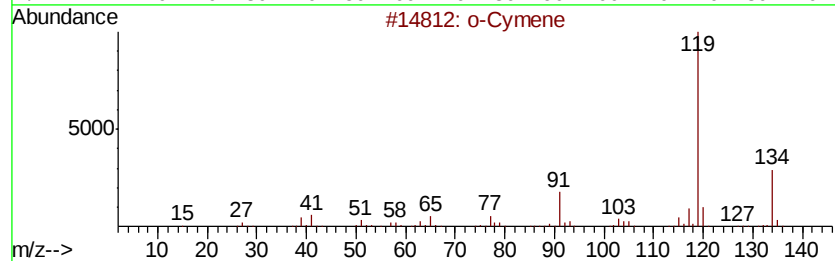
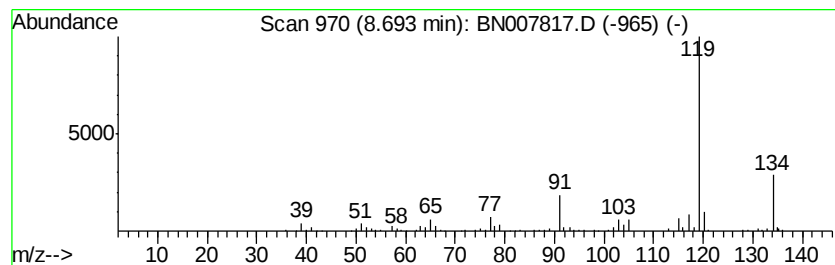
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 o-Cymene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	2.07 ng/ul	353419	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	97
2		o-Cymene	134	C10H14	000527-84-4	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5		p-Cymene	134	C10H14	000099-87-6	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
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Misc :
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ClientSampleId :
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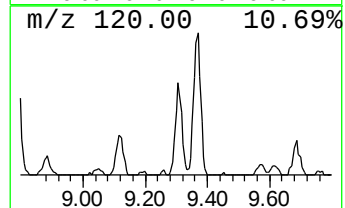
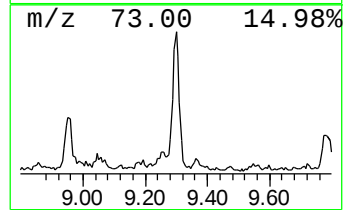
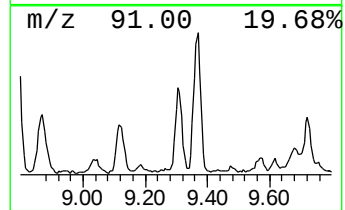
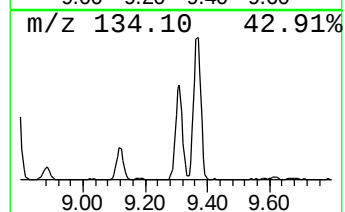
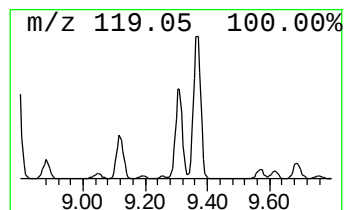
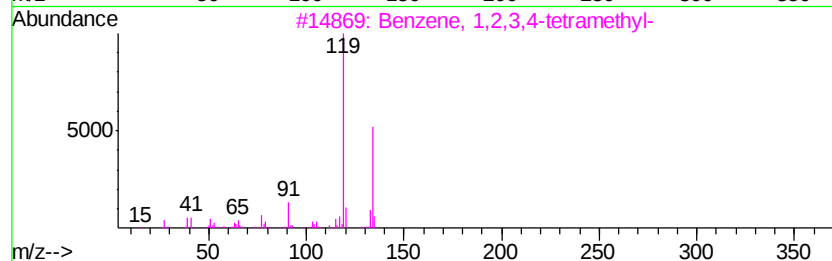
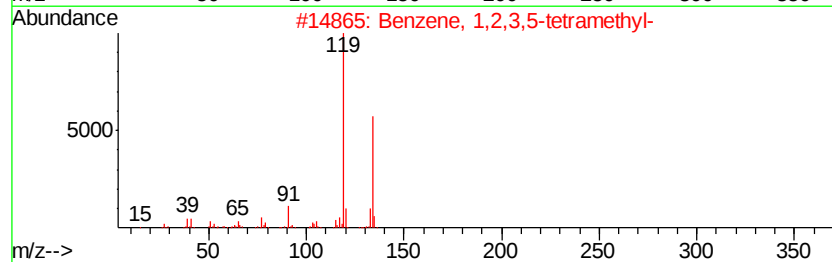
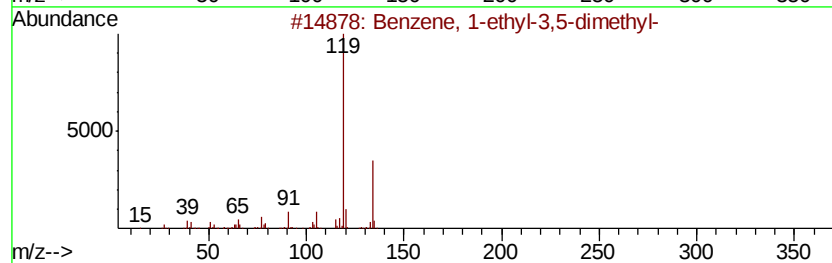
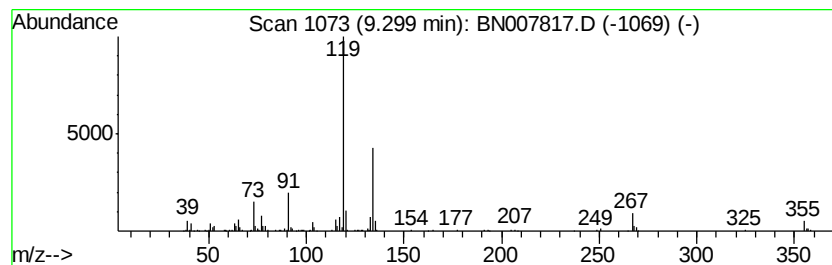
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	2.65 ng/ul	702153	Naphthalene-d8	10.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93



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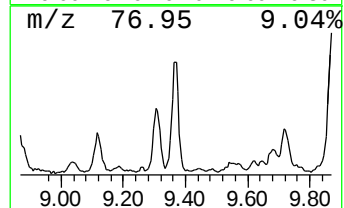
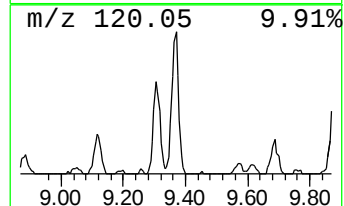
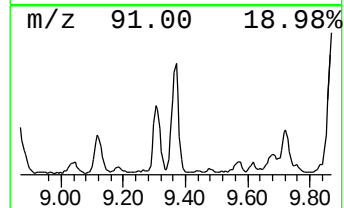
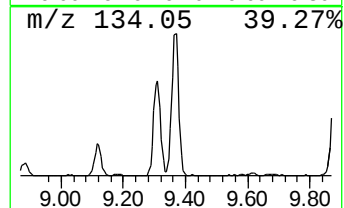
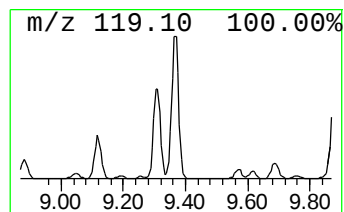
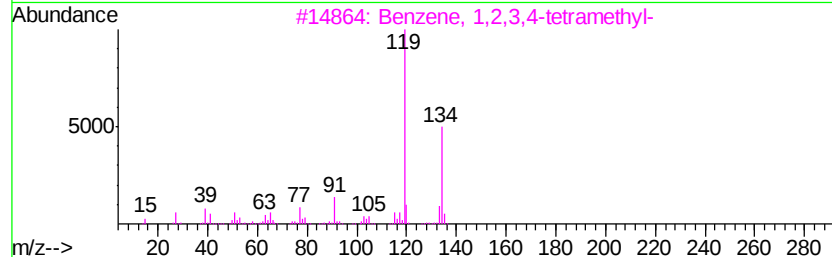
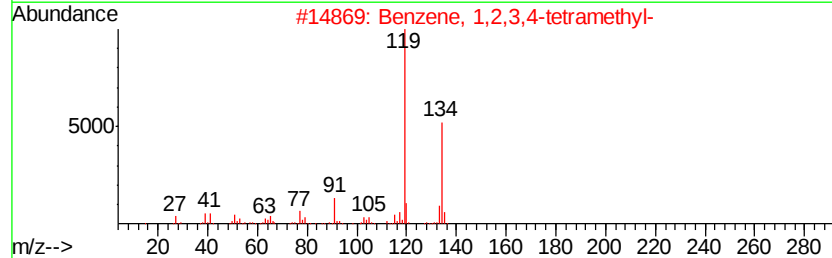
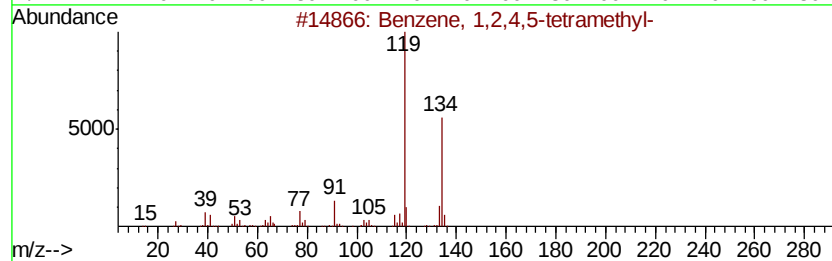
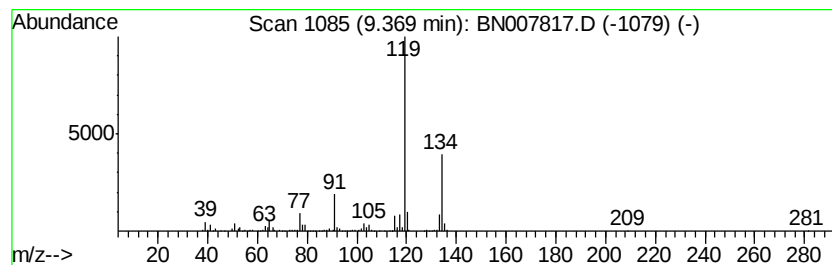
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	3.97 ng/ul	1050060	Naphthalene-d8	10.46

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	95
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007817.D
Acq On : 24 Sep 2019 00:28
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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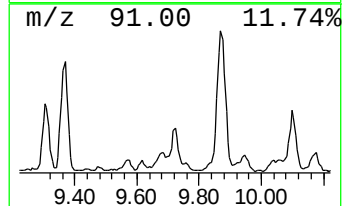
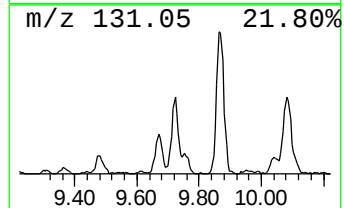
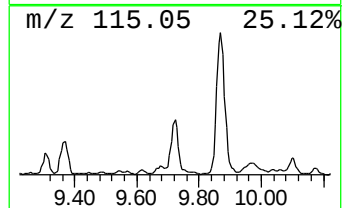
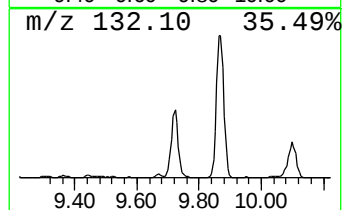
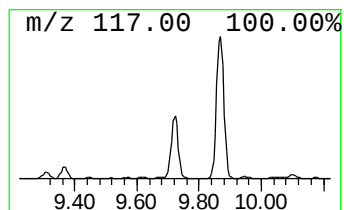
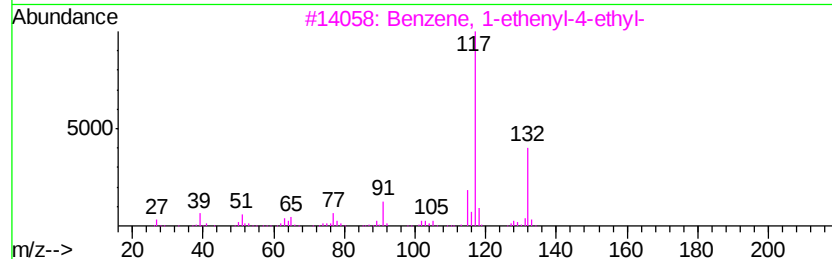
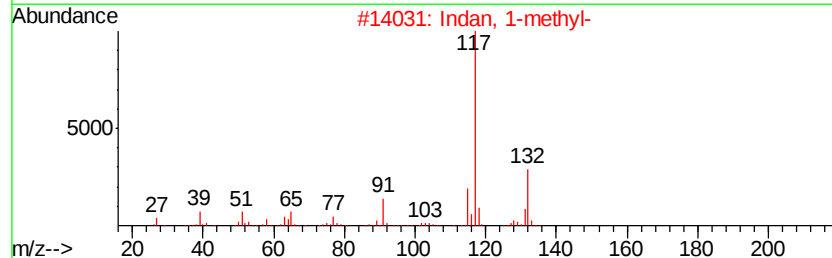
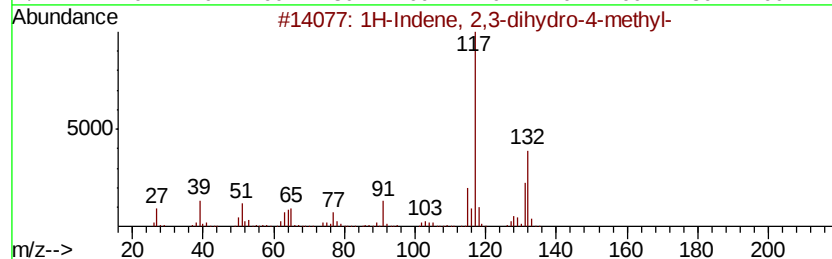
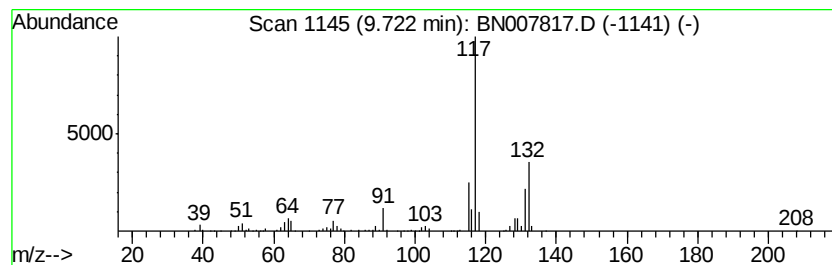
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	2.39 ng/ul	632394	Napthalene-d8	10.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2		Indan, 1-methyl-	132	C10H12	000767-58-8	81
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4		Indan, 1-methyl-	132	C10H12	000767-58-8	74
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007817.D
Acq On : 24 Sep 2019 00:28
Operator : HP/JU
Sample : K4895-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFDJ2

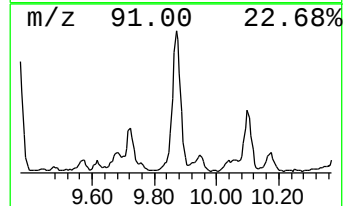
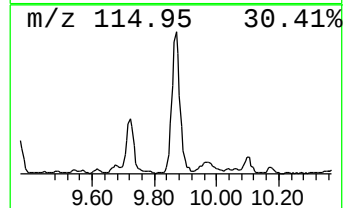
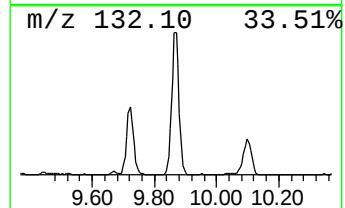
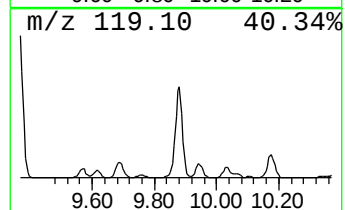
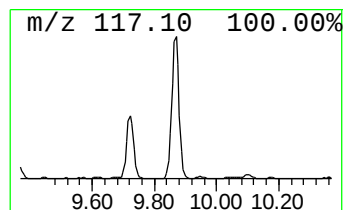
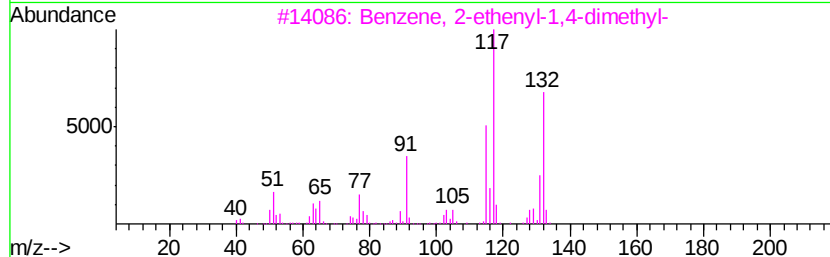
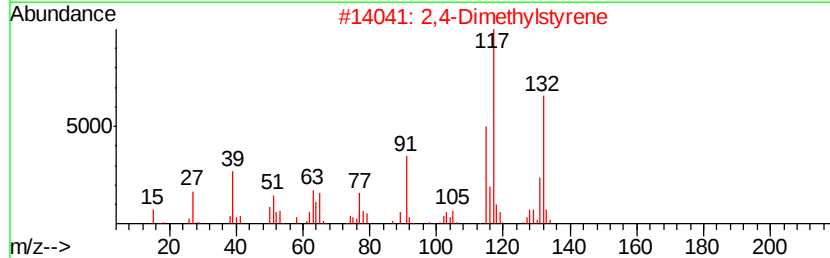
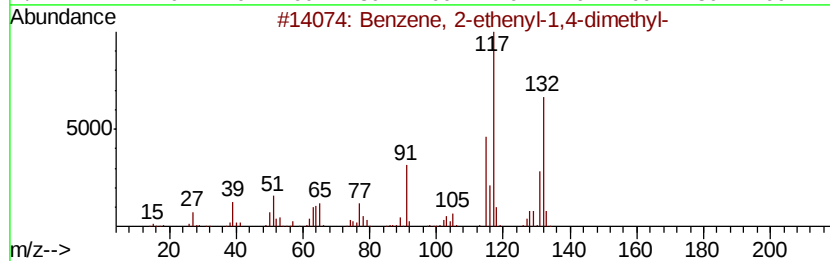
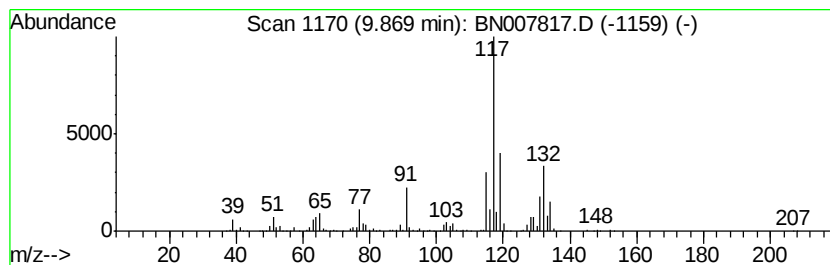
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	7.96 ng/ul	2107010	Naphthalene-d8	10.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	76
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007817.D
Acq On : 24 Sep 2019 00:28
Operator : HP/JU
Sample : K4895-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFDJ2

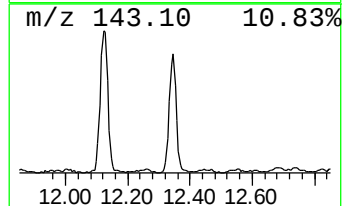
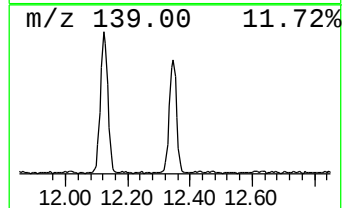
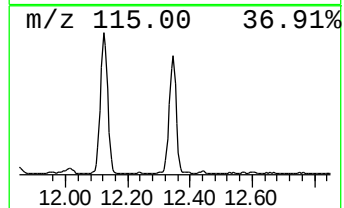
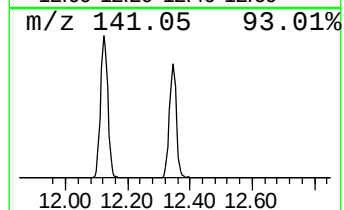
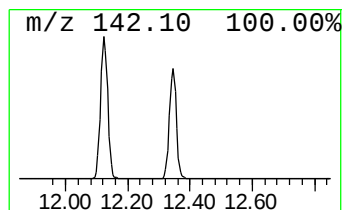
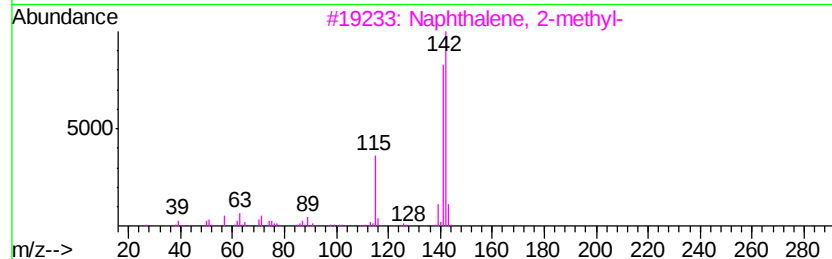
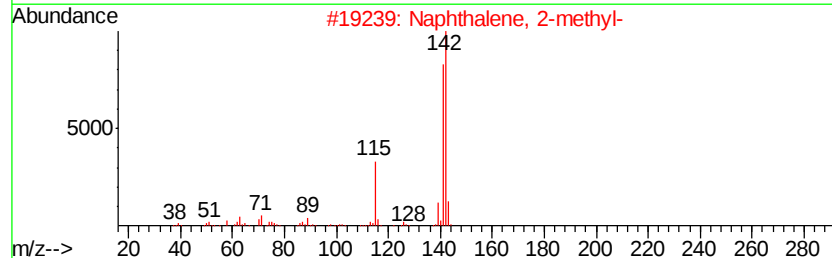
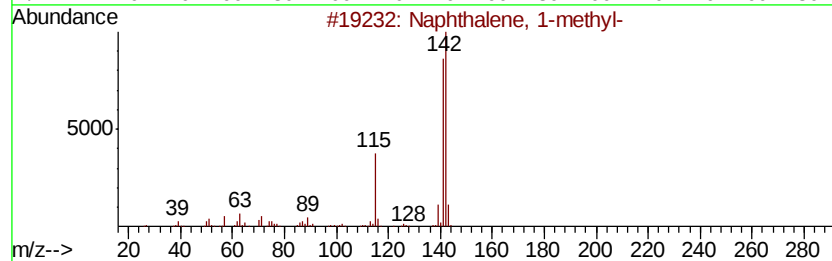
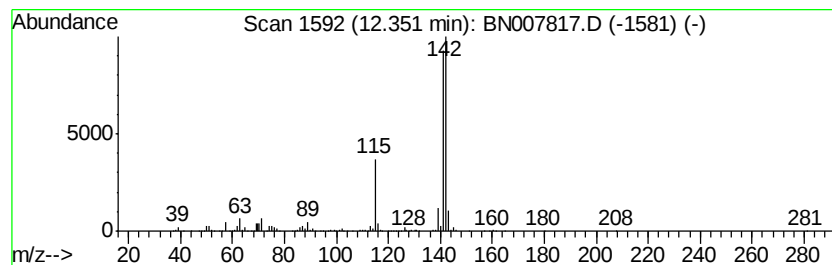
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	6.43 ng/ul	1701610	Naphthalene-d8	10.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007817.D
Acq On : 24 Sep 2019 00:28
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Sample : K4895-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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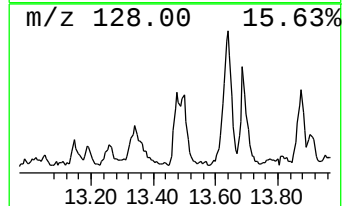
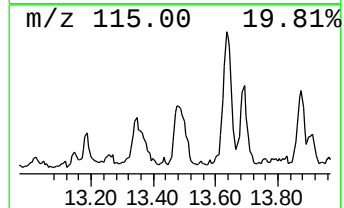
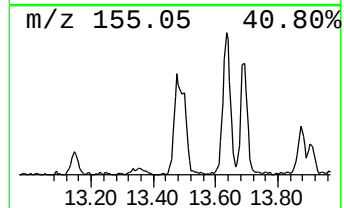
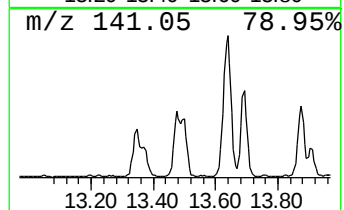
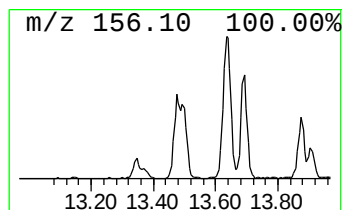
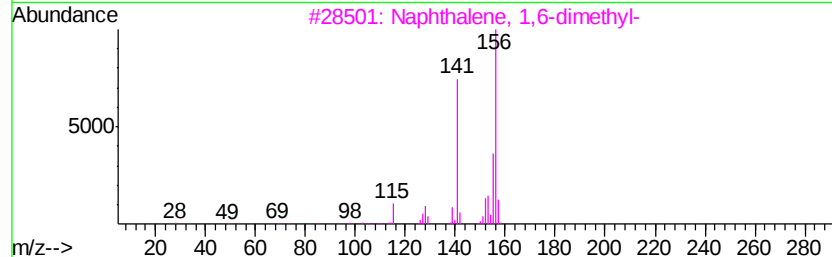
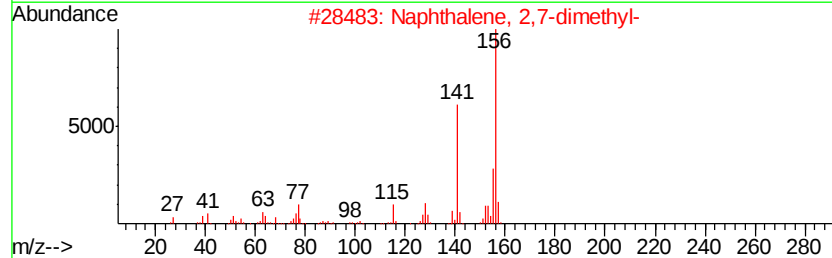
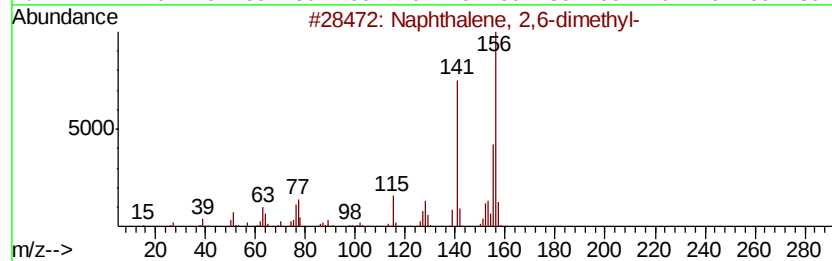
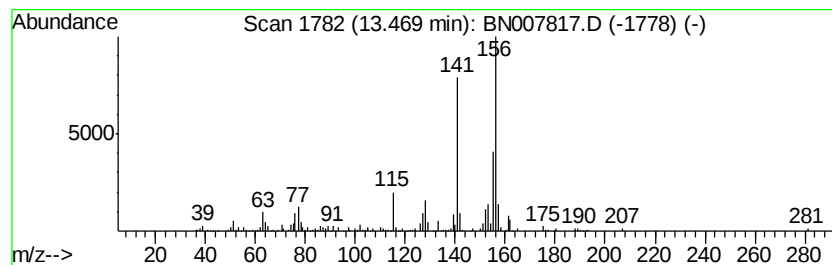
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Naphthalene, 2,6-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	2.17 ng/ul	717200	Acenaphthene-d10	14.32

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	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007817.D
Acq On : 24 Sep 2019 00:28
Operator : HP/JU
Sample : K4895-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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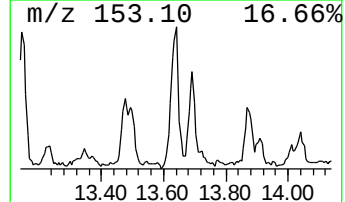
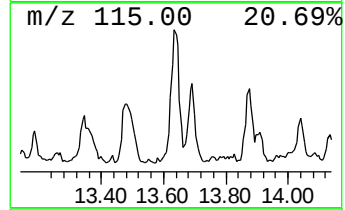
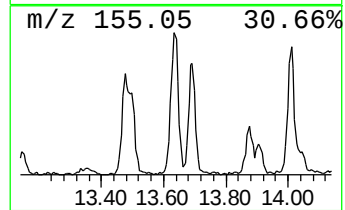
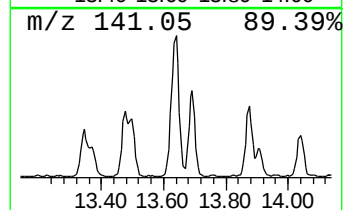
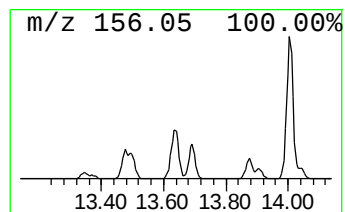
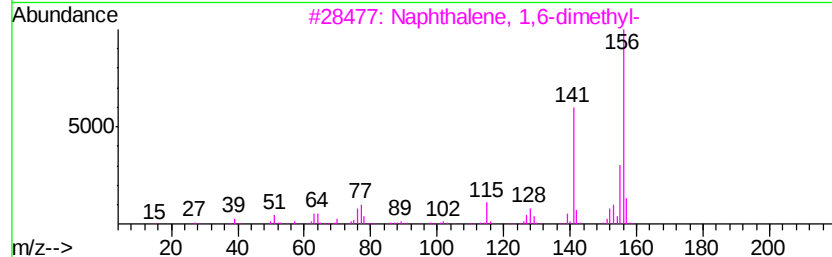
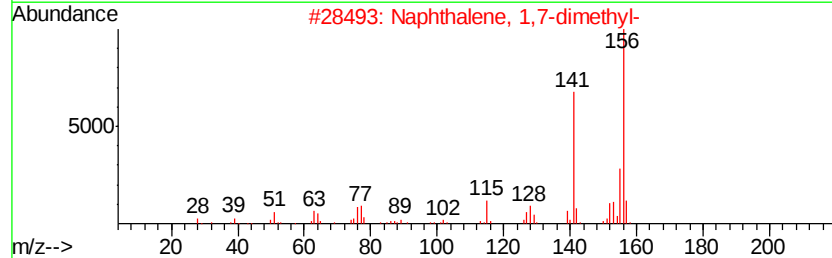
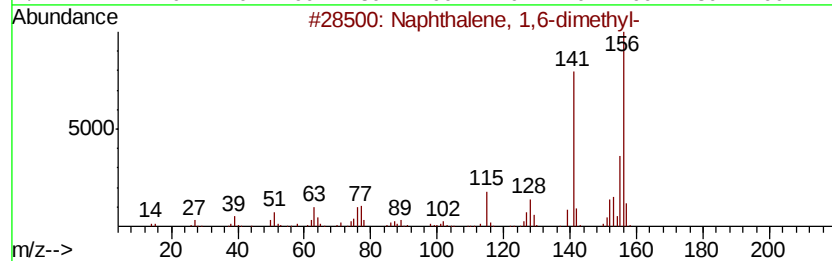
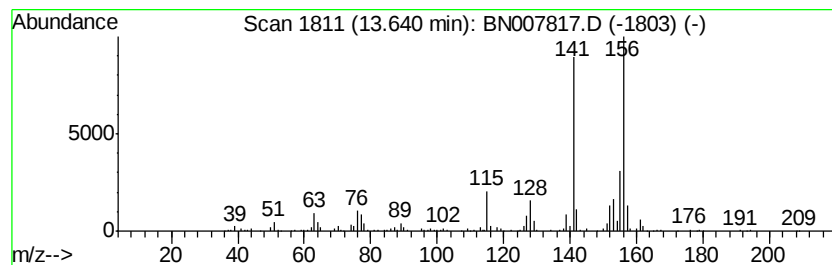
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	2.70 ng/ul	890349	Acenaphthene-d10	14.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092319\
Data File : BN007817.D
Acq On : 24 Sep 2019 00:28
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Sample : K4895-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFDJ2

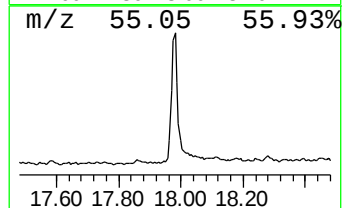
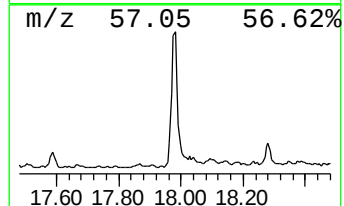
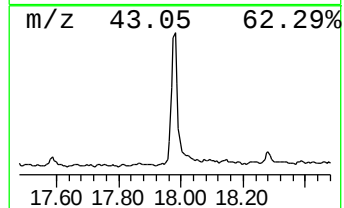
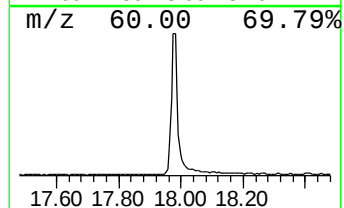
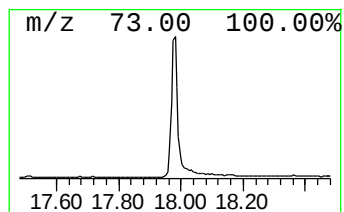
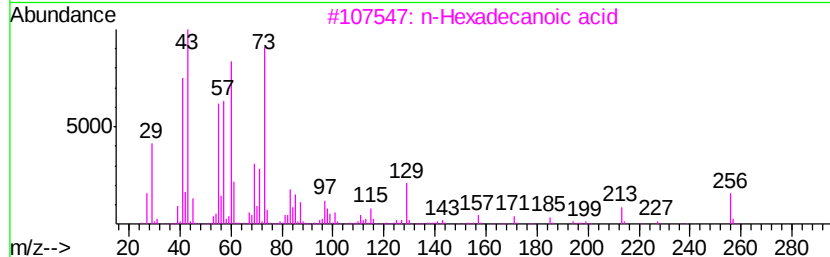
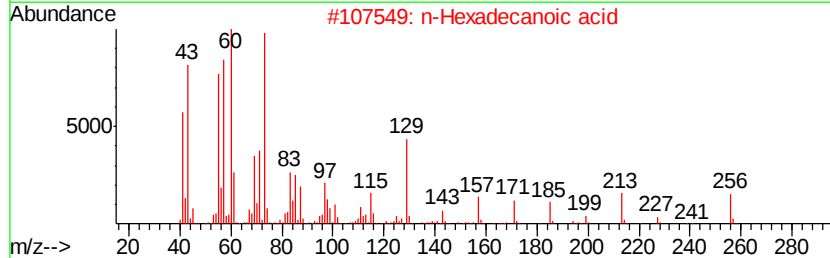
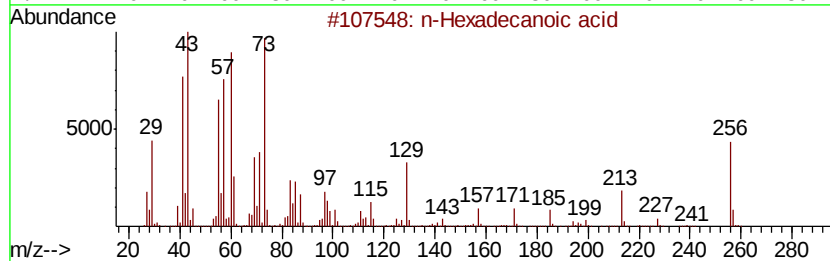
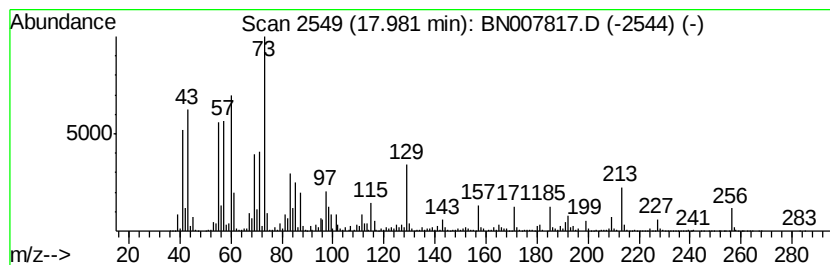
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	9.69 ng/ul	3693850	Phenanthrene-d10	17.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5			Tridecanoic acid	214	C13H26O2	000638-53-9	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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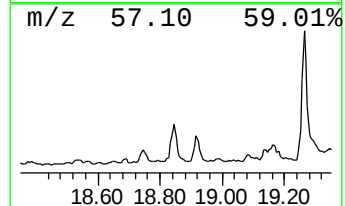
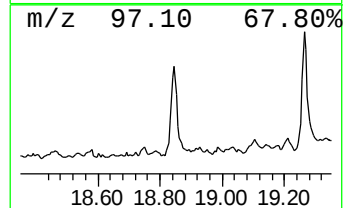
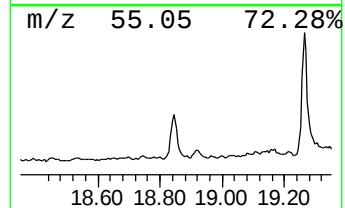
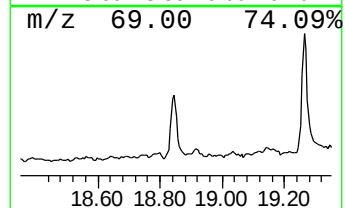
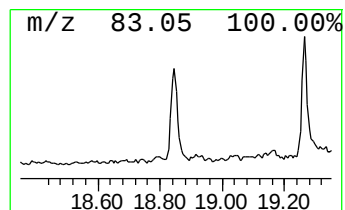
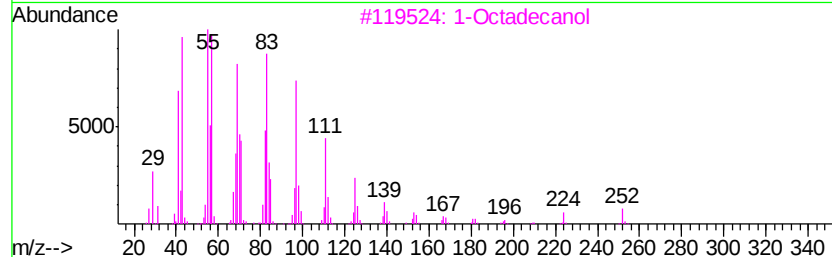
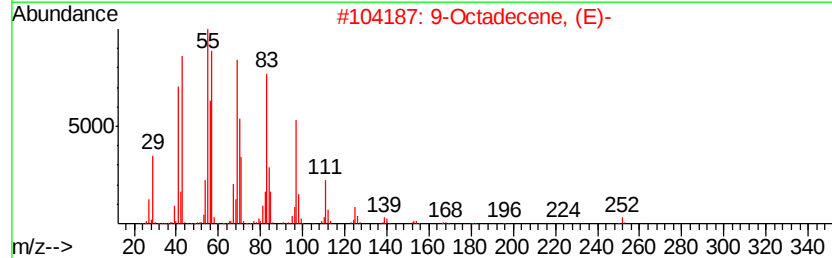
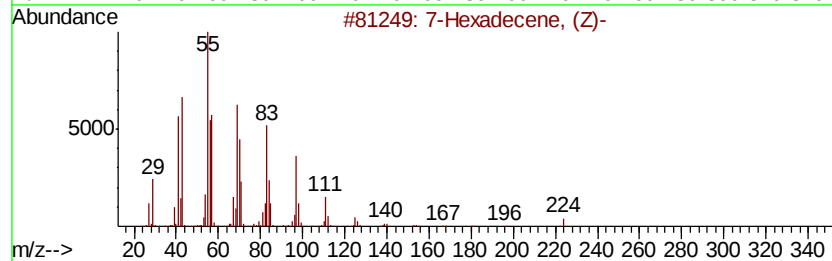
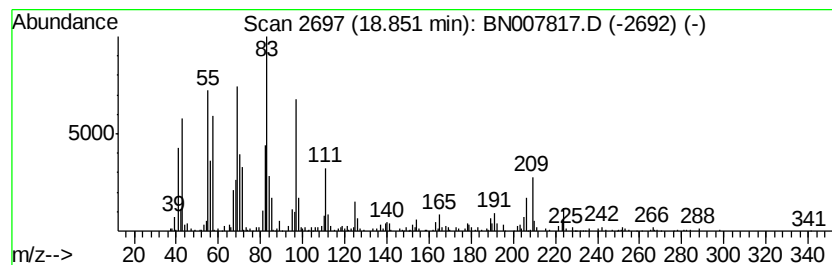
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Cyclic18.85 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	2.38 ng/ul	907409	Phenanthrene-d10	17.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Hexadecene, (Z)-	224	C16H32	035507-09-6	96
2			9-Octadecene, (E)-	252	C18H36	007206-25-9	95
3			1-Octadecanol	270	C18H38O	000112-92-5	94
4			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
5			Cyclohexadecane	224	C16H32	000295-65-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007817.D
Acq On : 24 Sep 2019 00:28
Operator : HP/JU
Sample : K4895-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFDJ2

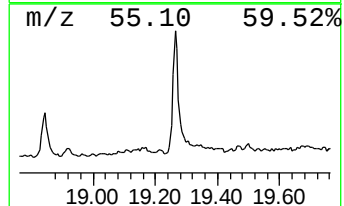
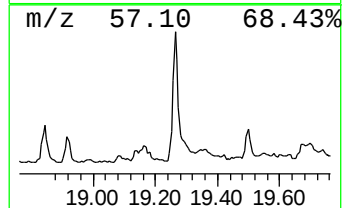
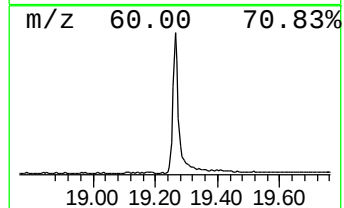
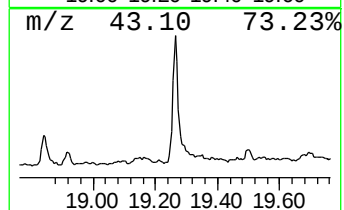
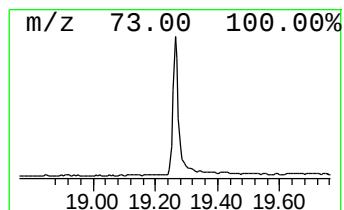
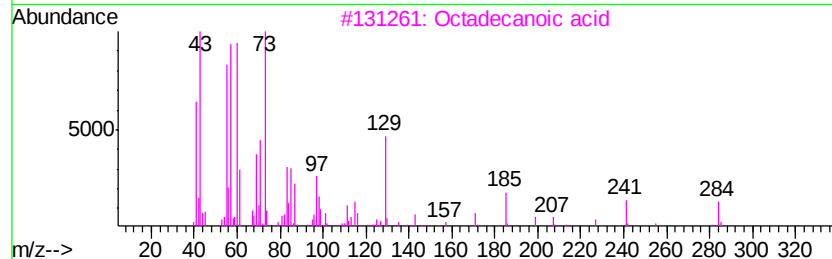
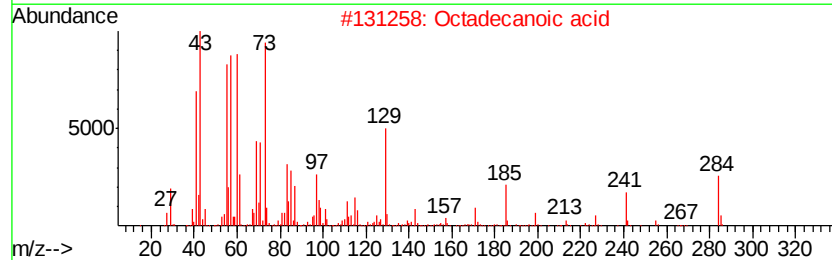
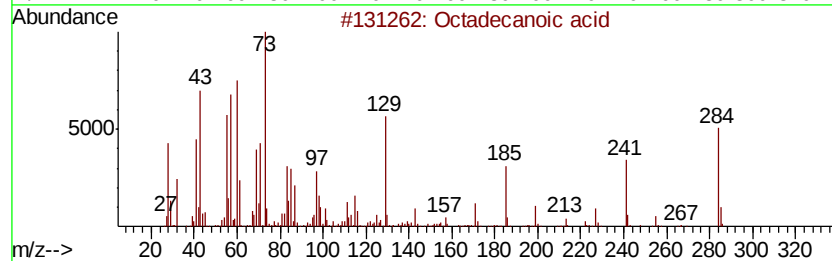
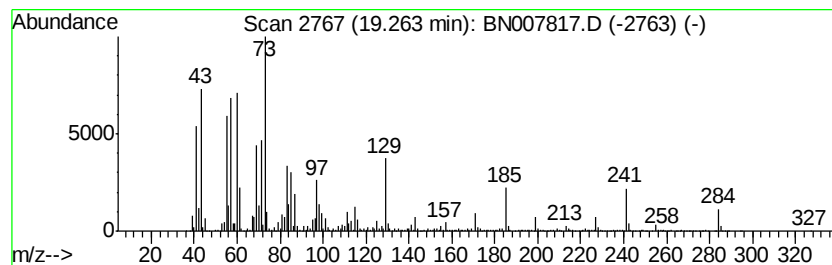
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	6.87 ng/ul	3228870	Chrysene-d12	21.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	97
3			Octadecanoic acid	284	C18H36O2	000057-11-4	97
4			Octadecanoic acid	284	C18H36O2	000057-11-4	94
5			Octadecanoic acid	284	C18H36O2	000057-11-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092319\
 Data File : BN007817.D
 Acq On : 24 Sep 2019 00:28
 Operator : HP/JU
 Sample : K4895-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFDJ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA 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
Propanoic acid, 1...	3.69	4.4	ng/ul	743434	1	7.69	3409860	20.0
Toluene	3.96	6.4	ng/ul	1088870	1	7.69	3409860	20.0
Propanoic acid, p...	4.39	11.1	ng/ul	1889680	1	7.69	3409860	20.0
Butanoic acid, 1-...	4.83	18.3	ng/ul	3115590	1	7.69	3409860	20.0
Ethylbenzene	5.25	2.8	ng/ul	483985	1	7.69	3409860	20.0
p-Xylene	5.38	10.0	ng/ul	1700150	1	7.69	3409860	20.0
Benzene, 1,3-dime...	5.73	9.7	ng/ul	1658540	1	7.69	3409860	20.0
Benzene, 1-ethyl-...	6.80	5.4	ng/ul	920993	1	7.69	3409860	20.0
Benzene, 1,2,4-tr...	7.09	5.4	ng/ul	917000	1	7.69	3409860	20.0
Benzene, 1,2,3-tr...	7.35	12.3	ng/ul	2094030	1	7.69	3409860	20.0
Mesitylene	7.80	11.5	ng/ul	1956120	1	7.69	3409860	20.0
Indane	8.06	6.9	ng/ul	1176880	1	7.69	3409860	20.0
Benzene, 2-ethyl-...	8.33	4.9	ng/ul	832915	1	7.69	3409860	20.0
o-Cymene	8.69	2.1	ng/ul	353419	1	7.69	3409860	20.0
Benzene, 1-ethyl-...	9.30	2.6	ng/ul	702153	2	10.46	5291500	20.0
Benzene, 1,2,4,5-...	9.37	4.0	ng/ul	1050060	2	10.46	5291500	20.0
1H-Indene, 2,3-di...	9.72	2.4	ng/ul	632394	2	10.46	5291500	20.0
Benzene, 2-etheny...	9.87	8.0	ng/ul	2107010	2	10.46	5291500	20.0
Naphthalene, 1-me...	12.35	6.4	ng/ul	1701610	2	10.46	5291500	20.0
Naphthalene, 2,6-...	13.47	2.2	ng/ul	717200	3	14.32	6597790	20.0
Naphthalene, 1,6-...	13.64	2.7	ng/ul	890349	3	14.32	6597790	20.0
n-Hexadecanoic acid	17.98	9.7	ng/ul	3693850	4	17.06	7627970	20.0
(DEL) Alkane: Cyc...	18.85	2.4	ng/ul	907409	4	17.06	7627970	20.0
Octadecanoic acid	19.26	6.9	ng/ul	3228870	5	21.25	9397890	20.0