

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
 Data File : BN003563.D
 Acq On : 16 Nov 2018 14:53
 Operator : MJ/SJ
 Sample : J5928-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40S4

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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-BN111418MA.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	3.028	3	7	12	rBV	245288	298703	5.00%	0.283%
2	4.952	329	334	343	rVB	55337	80934	1.36%	0.077%
3	5.158	364	369	377	rVB	56557	84155	1.41%	0.080%
4	6.993	674	681	691	rBV	582375	891122	14.92%	0.844%
5	7.175	705	712	722	rBV	443660	658369	11.03%	0.623%
6	7.369	738	745	748	rBV	576059	993398	16.64%	0.941%
7	7.399	748	750	760	rVB	636992	874333	14.64%	0.828%
8	7.840	818	825	832	rVB	373133	573747	9.61%	0.543%
9	8.369	905	915	920	rBV2	526006	1327562	22.23%	1.257%
10	8.416	920	923	929	rVB	61056	86297	1.45%	0.082%
11	8.540	937	944	955	rVB	676444	1079050	18.07%	1.022%
12	8.663	958	965	974	rBV	790531	1266591	21.21%	1.199%
13	8.916	1001	1008	1014	rVB	289206	465665	7.80%	0.441%
14	9.010	1016	1024	1027	rBV	492790	820284	13.74%	0.777%
15	9.052	1027	1031	1043	rVB	842617	1355314	22.70%	1.283%
16	9.299	1066	1073	1081	rBV	1156732	1750859	29.32%	1.658%
17	9.728	1138	1146	1148	rBV	427790	728252	12.20%	0.689%
18	9.757	1148	1151	1157	rVB	586234	873067	14.62%	0.827%
19	10.251	1228	1235	1238	rBV	733870	1345613	22.54%	1.274%
20	10.510	1274	1279	1288	rVB	40517	64198	1.08%	0.061%
21	10.640	1293	1301	1305	rBV	549492	896591	15.02%	0.849%
22	10.687	1305	1309	1318	rVB	470532	768010	12.86%	0.727%
23	10.775	1318	1324	1336	rBV	157853	275626	4.62%	0.261%
24	11.916	1511	1518	1529	rBV	1029691	1664691	27.88%	1.576%
25	12.163	1553	1560	1568	rBV	1086903	1757801	29.44%	1.664%
26	12.516	1614	1620	1629	rVB	1616234	2576218	43.15%	2.439%
27	12.663	1638	1645	1651	rVB	579656	870497	14.58%	0.824%
28	12.904	1679	1686	1691	rBV	806381	1188488	19.91%	1.125%
29	13.310	1748	1755	1762	rBV	1723993	2434157	40.77%	2.305%
30	13.569	1792	1799	1807	rVV	834686	1215590	20.36%	1.151%
31	13.887	1846	1853	1861	rBV	1272421	1657313	27.76%	1.569%
32	13.969	1861	1867	1876	rVV	575732	779601	13.06%	0.738%
33	14.063	1876	1883	1889	rVB	868113	1177123	19.71%	1.114%
34	14.175	1895	1902	1904	rBV	1435448	2093357	35.06%	1.982%

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35	14.204	1904	1907	1921	rVB	2043130	2882761	48.28%	2.729%
36	14.481	1944	1954	1960	rBV2	763804	1170687	19.61%	1.108%
37	14.539	1960	1964	1971	rVB	195885	282149	4.73%	0.267%
38	14.692	1980	1990	2000	rBV2	1164703	2232657	37.39%	2.114%
39	14.851	2010	2017	2019	rBV	1026616	1545903	25.89%	1.464%
40	14.875	2019	2021	2027	rVB	778868	1002896	16.80%	0.950%
41	15.122	2056	2063	2069	rBV	191548	260476	4.36%	0.247%
42	15.298	2086	2093	2098	rBV	1777190	2378679	39.84%	2.252%
43	15.469	2116	2122	2127	rBV	1833420	2611695	43.74%	2.473%
44	15.528	2127	2132	2137	rVB	390361	545861	9.14%	0.517%
45	15.586	2137	2142	2152	rVB	565688	785741	13.16%	0.744%
46	15.698	2156	2161	2163	rBV	122361	171830	2.88%	0.163%
47	15.733	2163	2167	2173	rVB	2349142	3157336	52.88%	2.989%
48	15.969	2202	2207	2216	rBV	133863	191828	3.21%	0.182%
49	16.481	2286	2294	2297	rVV	402156	576569	9.66%	0.546%
50	16.516	2297	2300	2307	rVB	1504879	2061193	34.52%	1.952%
51	16.863	2354	2359	2371	rBV	1214948	1656118	27.74%	1.568%
52	17.222	2414	2420	2424	rBV	1011999	1503182	25.18%	1.423%
53	17.263	2424	2427	2432	rVV	1752025	2451950	41.07%	2.321%
54	17.322	2432	2437	2450	rVB	2097977	2799258	46.88%	2.650%
55	18.175	2576	2582	2588	rBV	2068963	2529462	42.36%	2.395%
56	19.480	2799	2804	2815	rBV3	116379	165712	2.78%	0.157%
57	19.616	2820	2827	2830	rBV	2407918	3679799	61.63%	3.484%
58	19.639	2830	2831	2837	rVB	1201777	1159697	19.42%	1.098%
59	19.839	2860	2865	2873	rBV	353932	414876	6.95%	0.393%
60	20.633	2996	3000	3006	rBV	157673	176519	2.96%	0.167%
61	21.316	3113	3116	3122	rVB	70772	78222	1.31%	0.074%
62	21.386	3122	3128	3138	rBV2	3511441	5970785	100.00%	5.653%
63	21.663	3170	3175	3185	rBV	243369	308986	5.17%	0.293%
64	21.821	3196	3202	3207	rBV	3892866	4546578	76.15%	4.305%
65	21.945	3219	3223	3234	rVB2	235502	332747	5.57%	0.315%
66	22.192	3260	3265	3272	rBV	1752848	2253265	37.74%	2.133%
67	22.963	3391	3396	3398	rBV4	48652	69338	1.16%	0.066%
68	23.015	3398	3405	3413	rVB	2094336	3385050	56.69%	3.205%
69	23.568	3490	3499	3504	rBV	2070964	4156074	69.61%	3.935%
70	23.615	3504	3507	3516	rVV	1140171	1906879	31.94%	1.805%
71	23.715	3516	3524	3538	rVB2	1003402	1896731	31.77%	1.796%

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72	24.221	3604	3610	3620	rVB3	53844	131149	2.20%	0.124%
73	24.992	3736	3741	3751	rVB2	43559	93540	1.57%	0.089%
74	26.092	3915	3928	3946	rVB	1697470	4808875	80.54%	4.553%
75	26.804	4036	4049	4068	rVB	768270	2315288	38.78%	2.192%

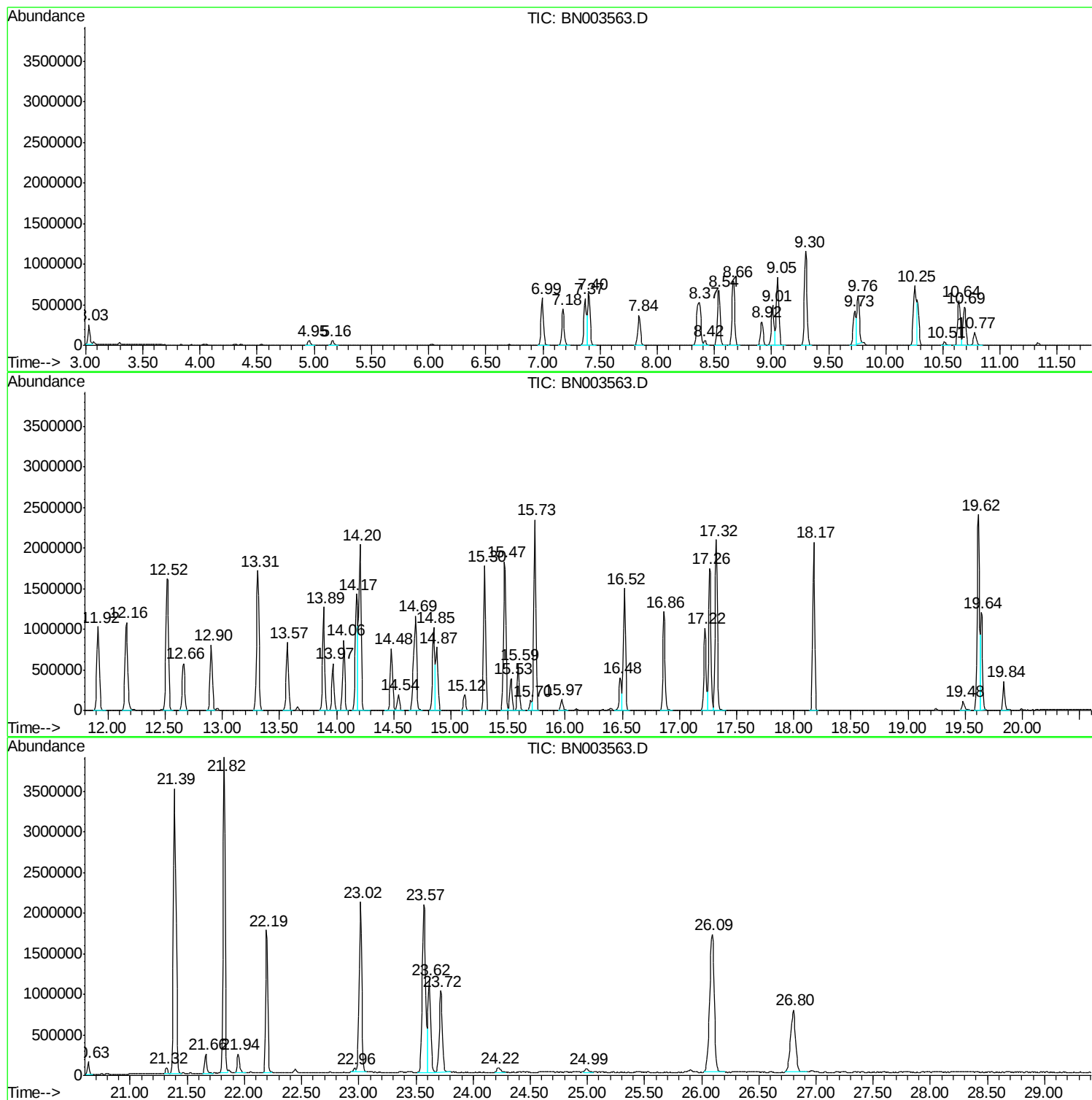
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
Quant Title : SVOA CALIBRATION

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



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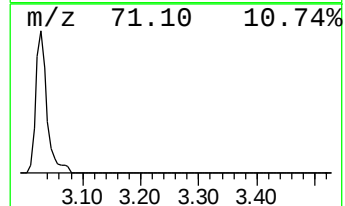
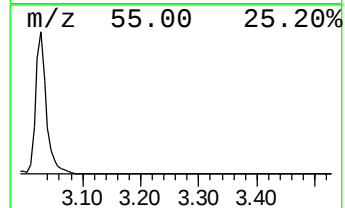
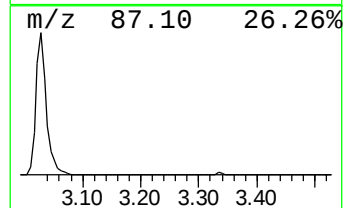
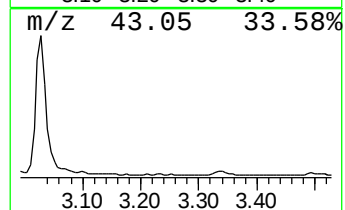
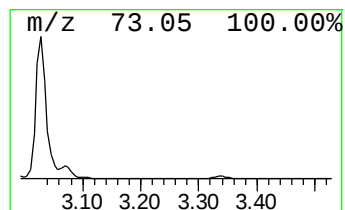
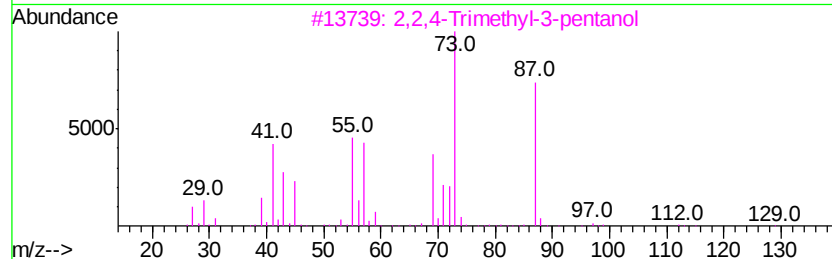
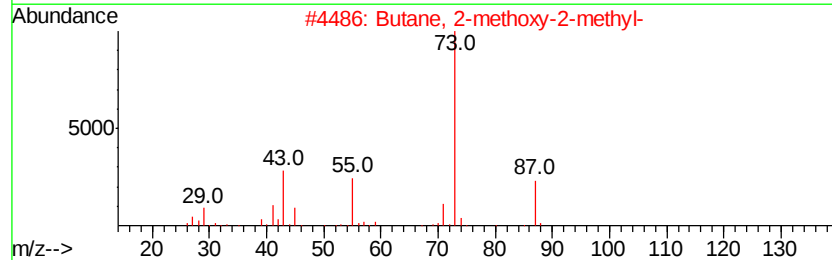
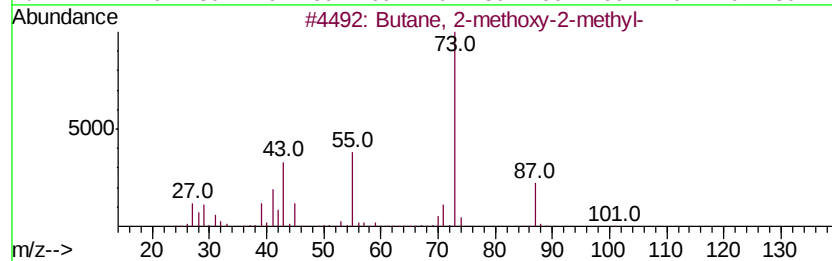
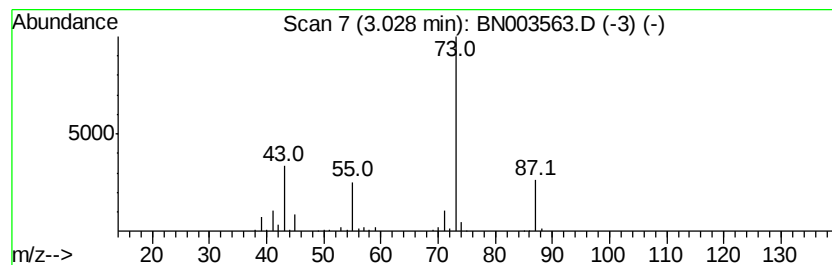
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	10.41 ng/ul	298703	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23



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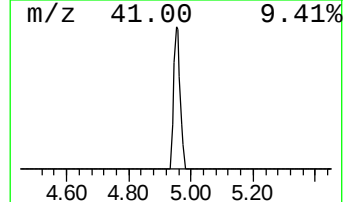
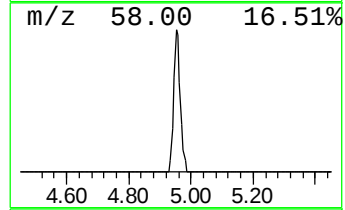
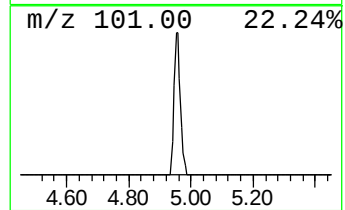
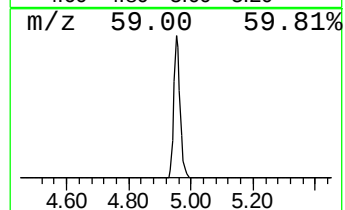
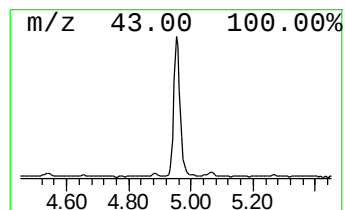
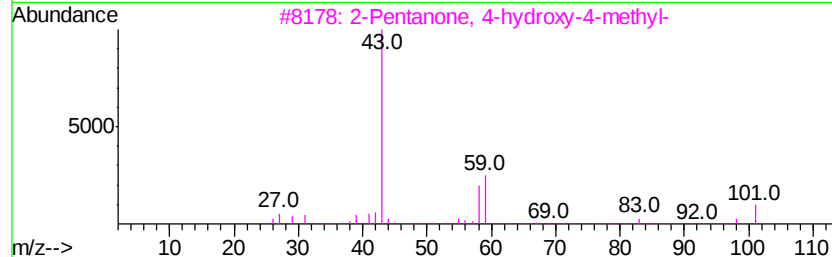
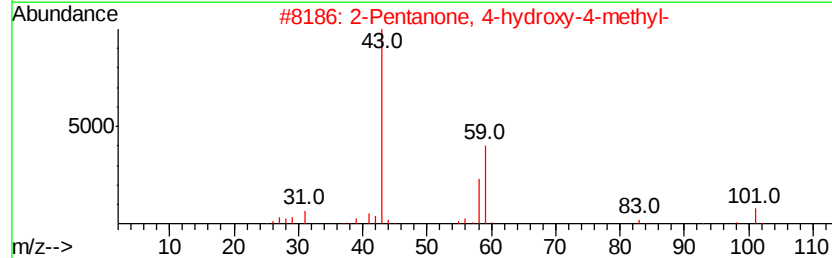
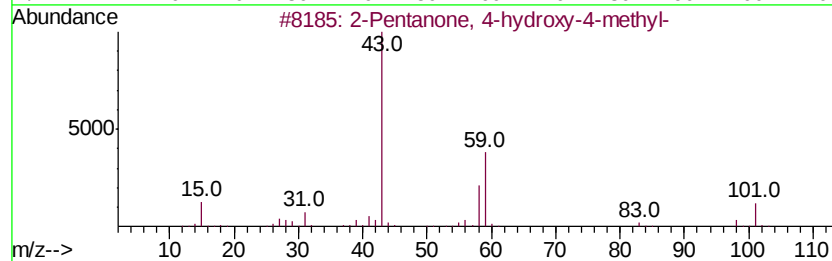
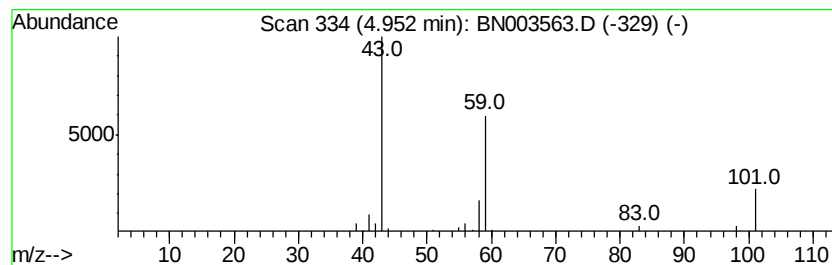
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	2.82 ng/ul	80934	1,4-Dichlorobenzene-d4	7.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40		
4	5-Hexen-2-one	98	C6H10O	000109-49-9	10		
5	5-Hexen-2-one	98	C6H10O	000109-49-9	10		



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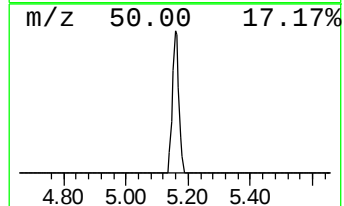
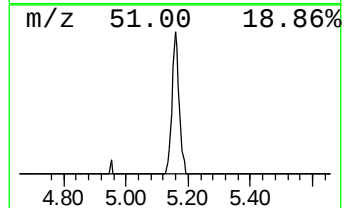
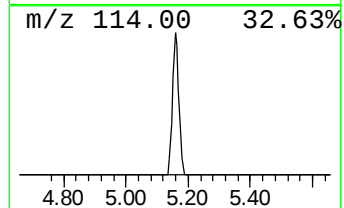
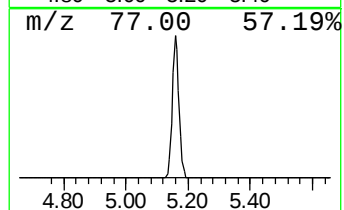
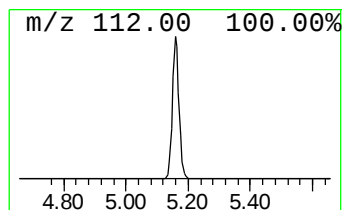
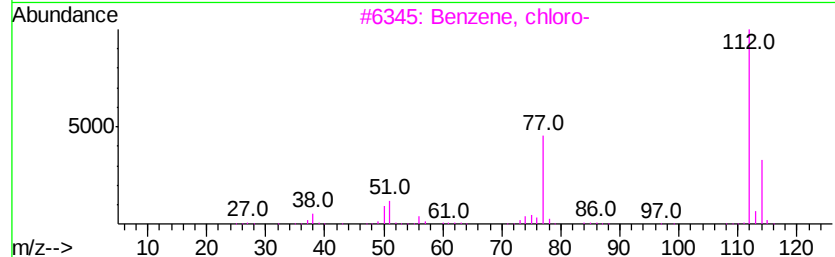
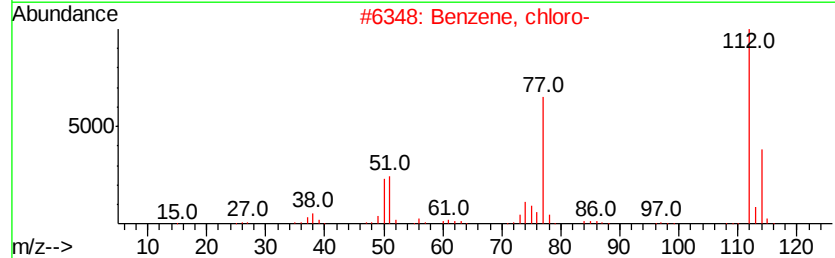
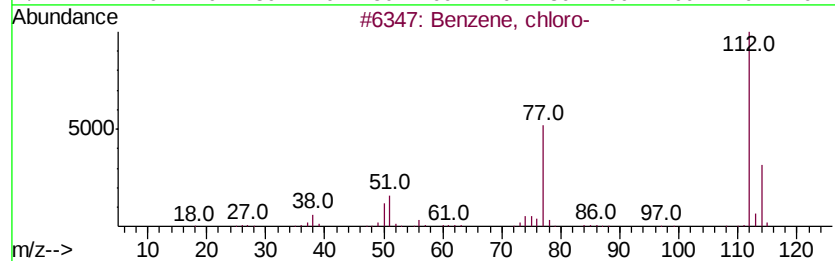
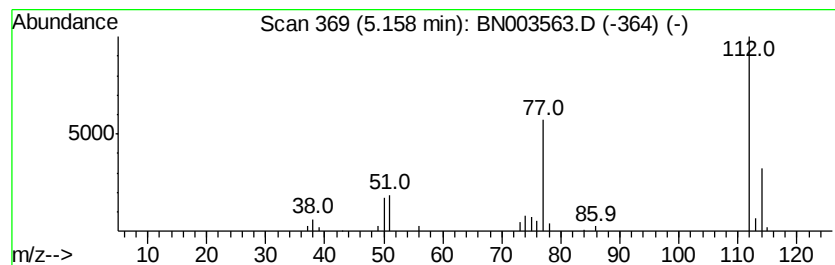
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 Benzene, chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	2.93 ng/ul	84155	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, chloro-	112	C6H5Cl	000108-90-7	97
2		Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3		Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4		Benzene, chloro-	112	C6H5Cl	000108-90-7	91
5		Pyridine, 3-fluoro-5-amino-	112	C5H5FN2	210169-05-4	9



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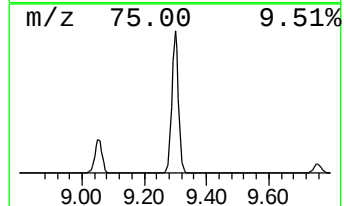
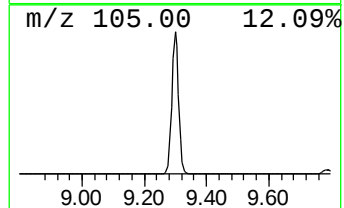
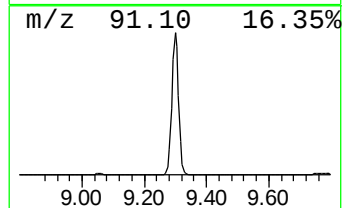
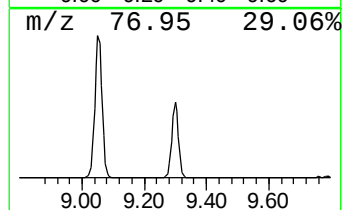
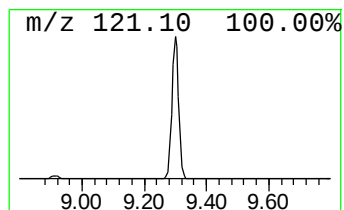
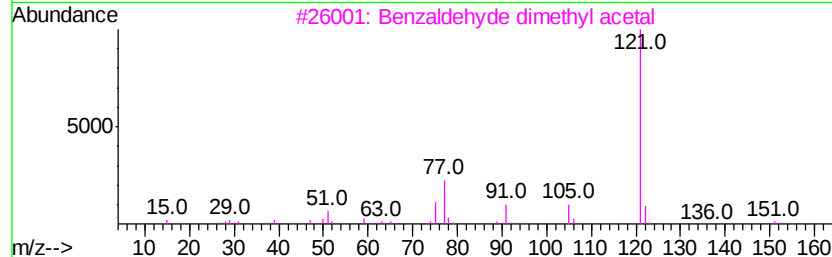
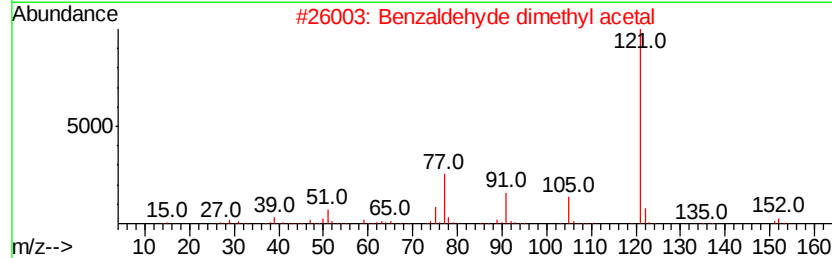
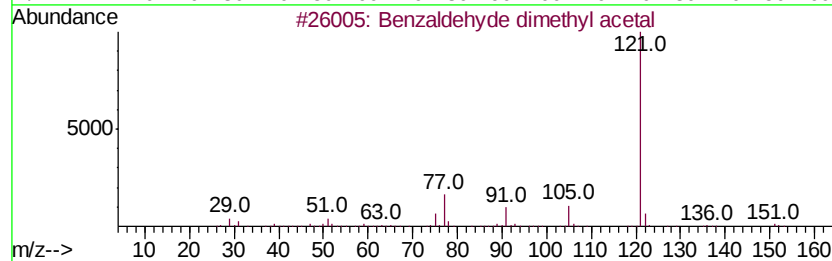
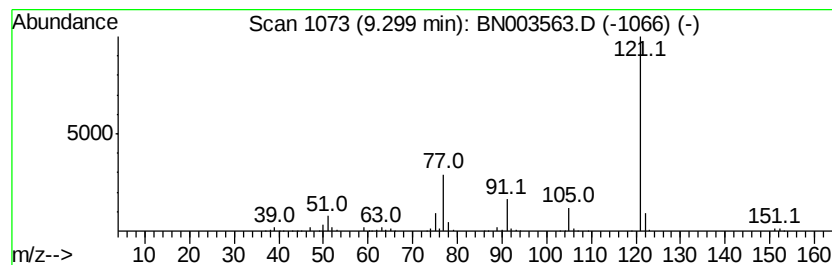
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzaldehyde dimethyl acetal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	39.06 ng/ul	1750860	Naphthalene-d8	10.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	90
2		Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	90
3		Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	87
4		Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	72
5		Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
Data File : BN003563.D
Acq On : 16 Nov 2018 14:53
Operator : MJ/SJ
Sample : J5928-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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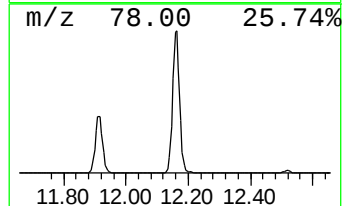
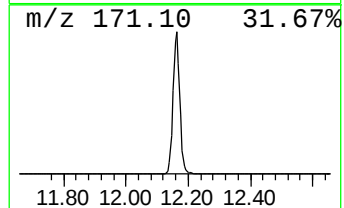
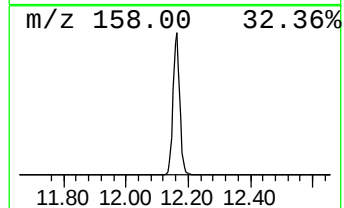
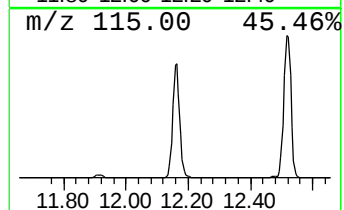
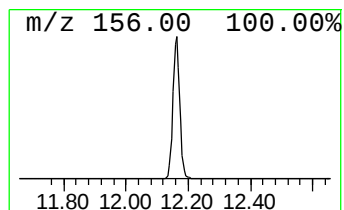
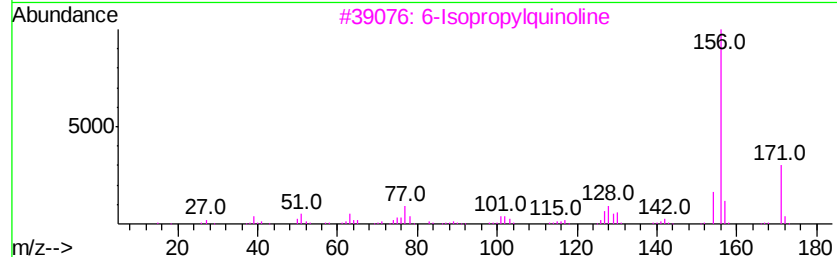
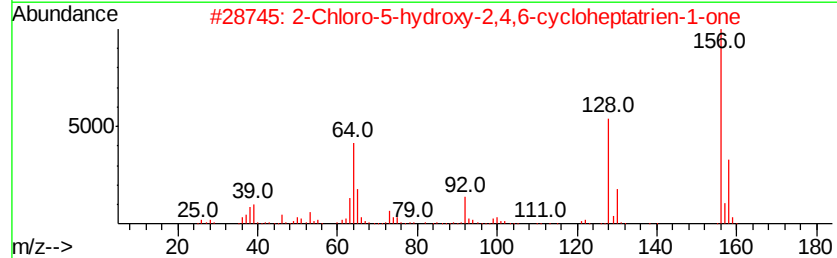
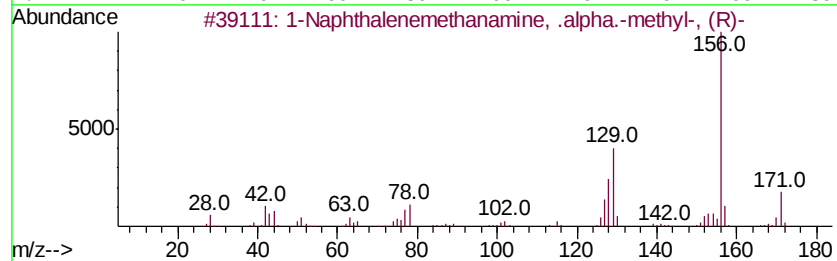
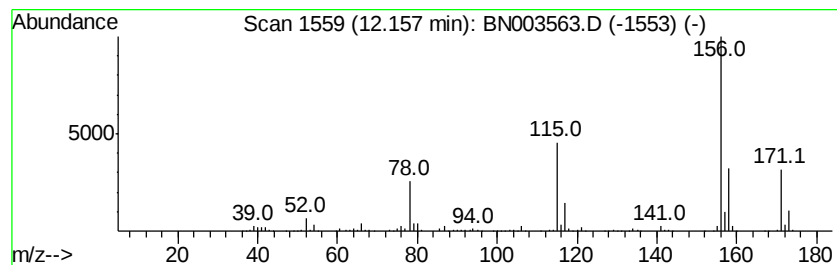
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	39.21 ng/ul	1757800	Naphthalene-d8	10.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenemethanamine, .alpha...	171	C12H13N	003886-70-2	47
2		2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	43
3		6-Isopropylquinoline	171	C12H13N	000135-79-5	38
4		1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
5		Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
Data File : BN003563.D
Acq On : 16 Nov 2018 14:53
Operator : MJ/SJ
Sample : J5928-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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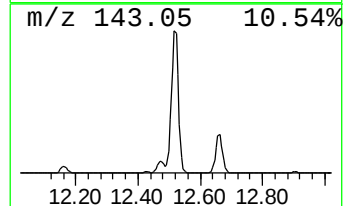
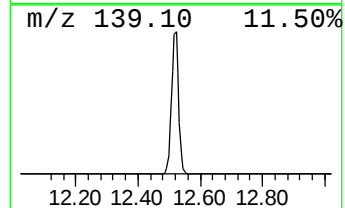
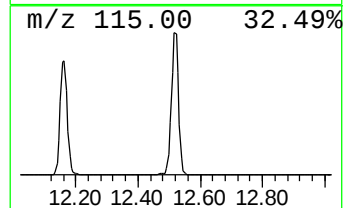
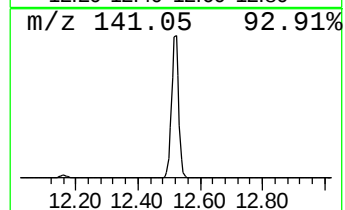
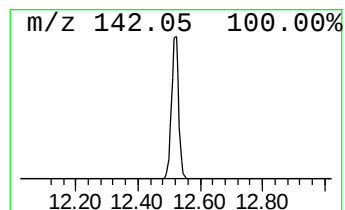
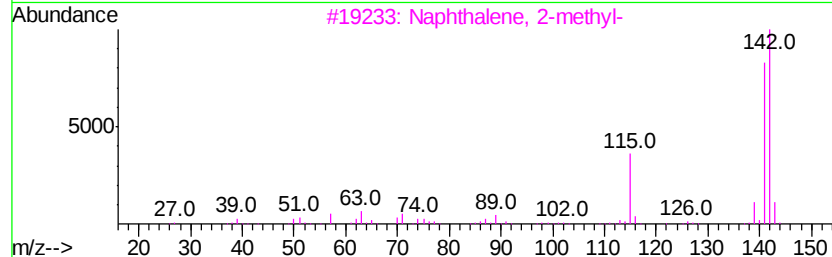
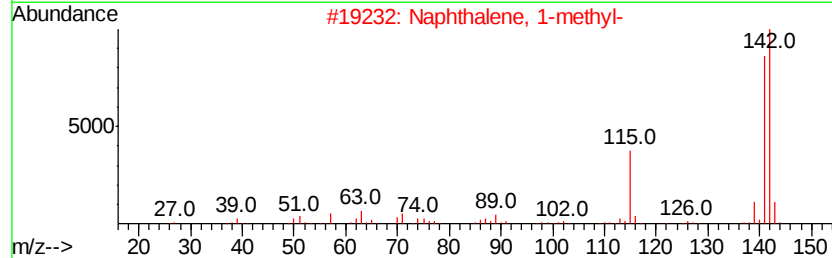
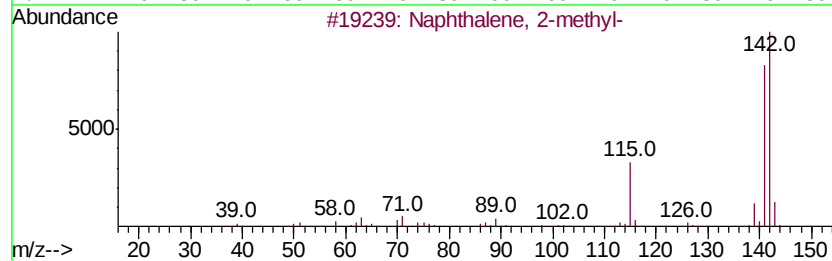
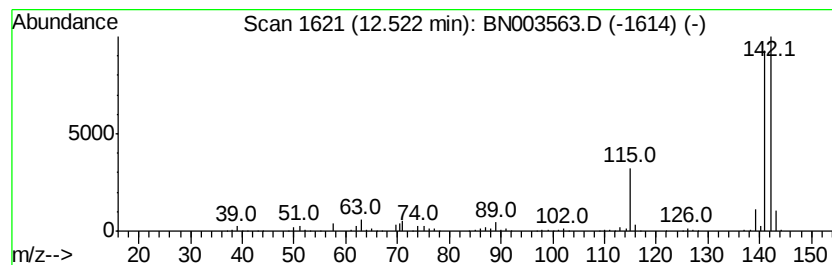
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	57.47 ng/ul	2576220	Naphthalene-d8	10.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
Data File : BN003563.D
Acq On : 16 Nov 2018 14:53
Operator : MJ/SJ
Sample : J5928-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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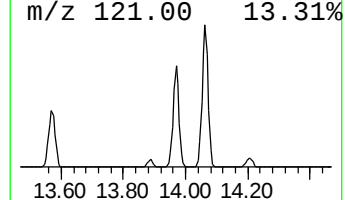
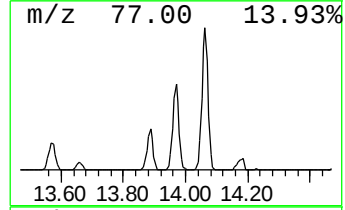
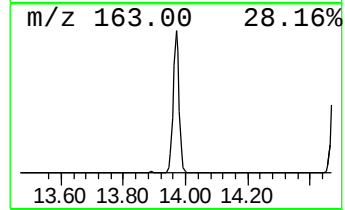
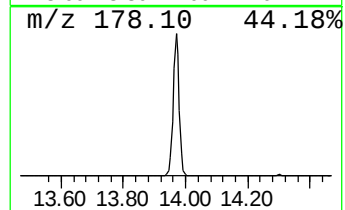
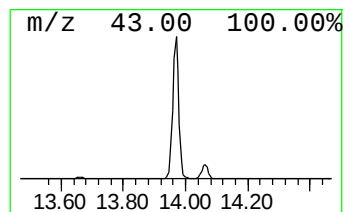
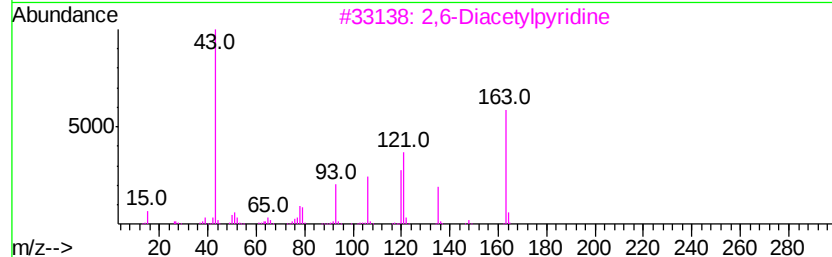
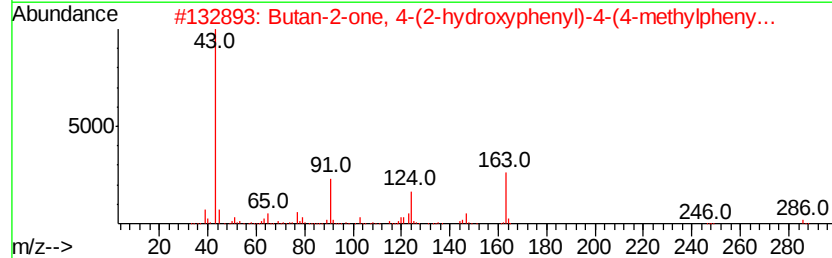
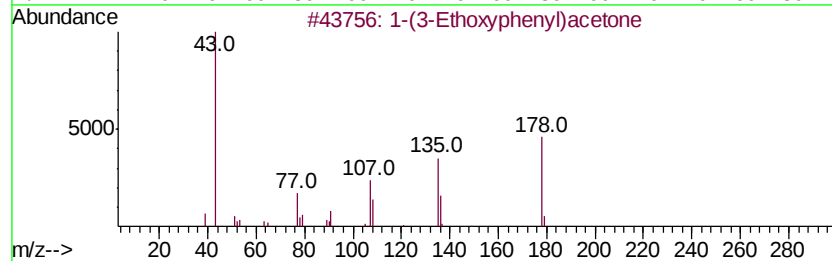
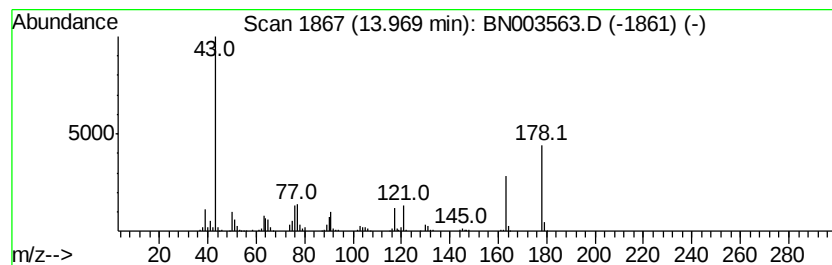
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	13.32 ng/ul	779601	Acenaphthene-d10	14.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(3-Ethoxyphenyl)acetone	178	C11H14O2	023037-47-0	43
2		Butan-2-one, 4-(2-hydroxyphenyl)...	286	C17H18O2S	296891-93-5	10
3		2,6-Diacetylpyridine	163	C9H9NO2	001129-30-2	9
4		Benzeneethanol, .alpha.-methyl-3...	178	C12H18O	054518-11-5	9
5		2,6-Diacetylpyridine	163	C9H9NO2	001129-30-2	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
Data File : BN003563.D
Acq On : 16 Nov 2018 14:53
Operator : MJ/SJ
Sample : J5928-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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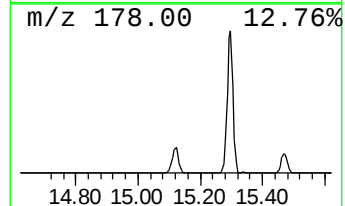
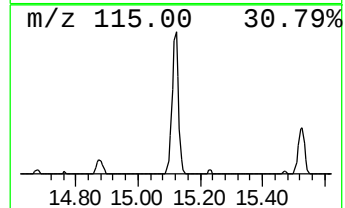
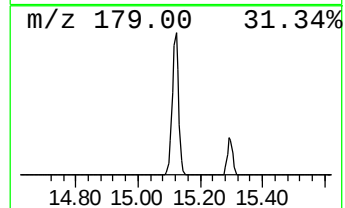
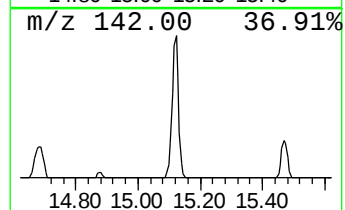
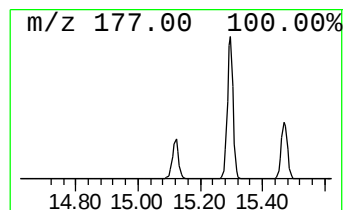
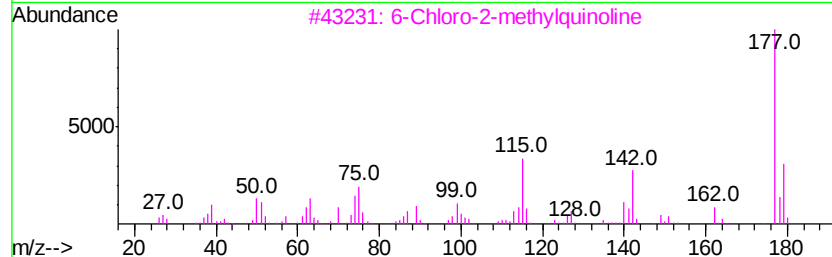
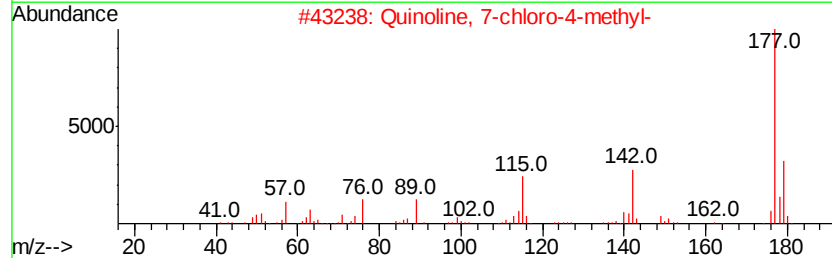
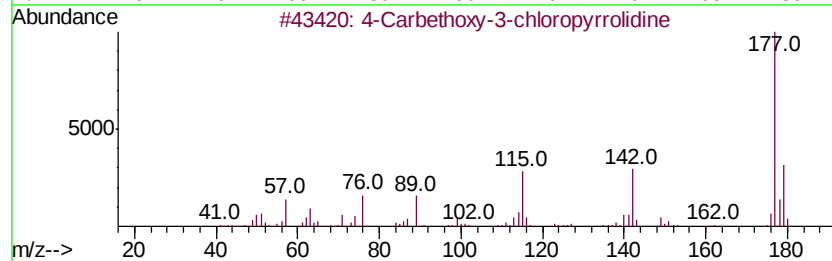
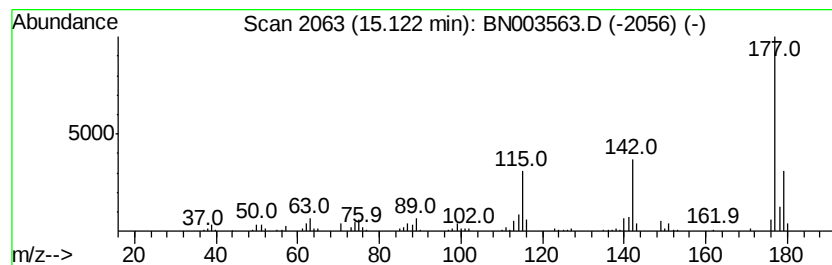
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 4-Carboxy-3-chloropyrrol... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	4.45 ng/ul	260476	Acenaphthene-d10	14.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Carboxy-3-chloropyrrolidine	177	C7H12ClNO2	1000255-97-9	95
2			Quinoline, 7-chloro-4-methyl-	177	C10H8ClN	040941-53-5	94
3			6-Chloro-2-methylquinoline	177	C10H8ClN	000092-46-6	91
4			Quinoline, 2-chloro-4-methyl-	177	C10H8ClN	000634-47-9	90
5			Quinoline, 7-chloro-2-methyl-	177	C10H8ClN	004965-33-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
Data File : BN003563.D
Acq On : 16 Nov 2018 14:53
Operator : MJ/SJ
Sample : J5928-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

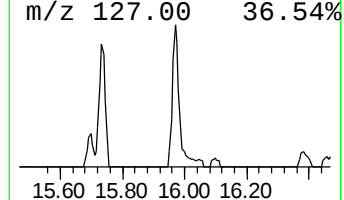
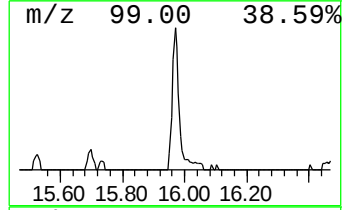
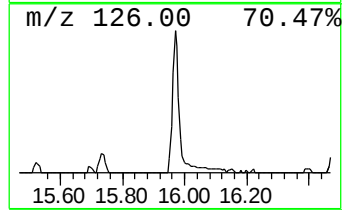
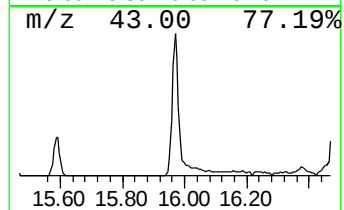
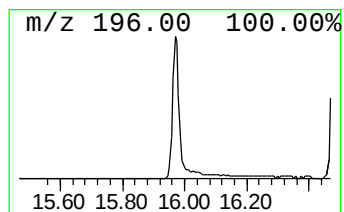
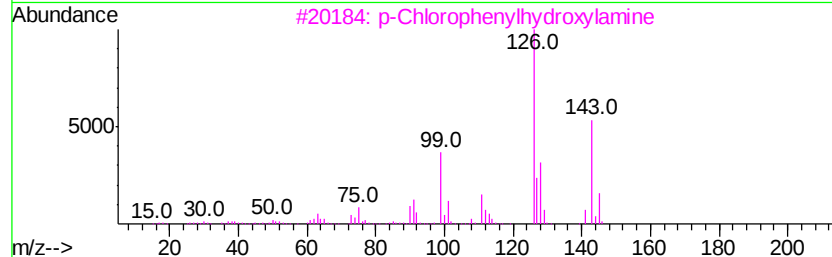
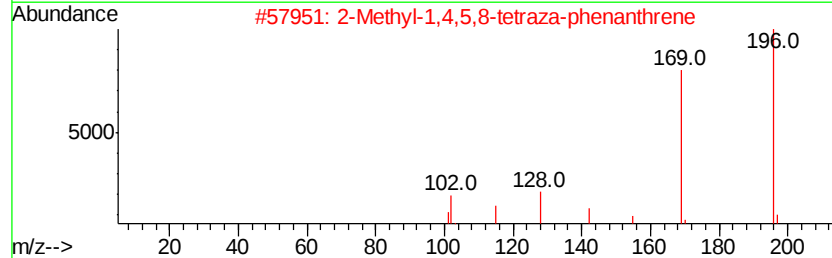
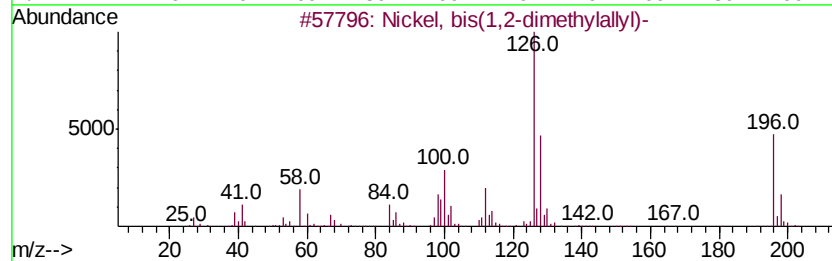
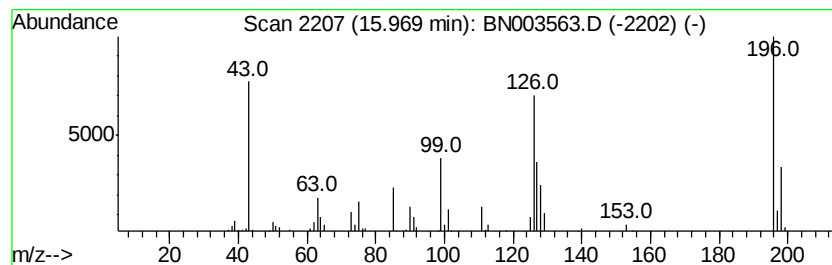
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.97	2.55 ng/ul	191828	Phenanthrene-d10	17.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nickel, bis(1,2-dimethylallyl)-	196	C10H18Ni	1000150-48-3	38	
2	2-Methyl-1,4,5,8-tetraza-phenant...	196	C11H8N4	103538-90-5	38	
3	p-Chlorophenylhydroxylamine	143	C6H6ClNO	000823-86-9	35	
4	2-Chloro-4-(3-thienyl)pyrimidine	196	C8H5ClN2S	063558-68-9	30	
5	2-Amino-3-chloro-5-trifluorometh...	196	C6H4ClF3N2	079456-26-1	30	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
Data File : BN003563.D
Acq On : 16 Nov 2018 14:53
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Sample : J5928-10
Misc :
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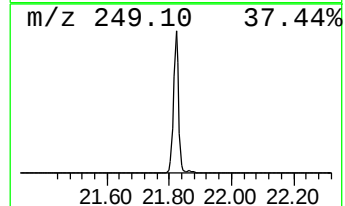
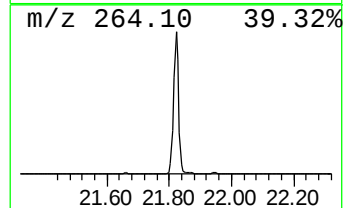
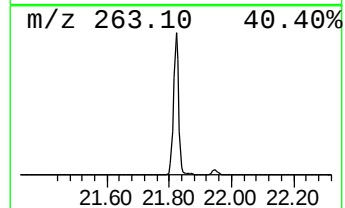
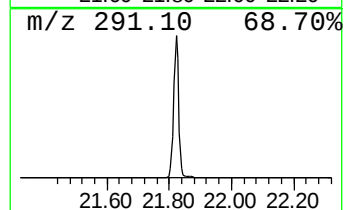
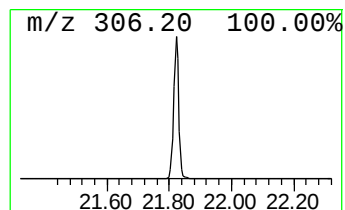
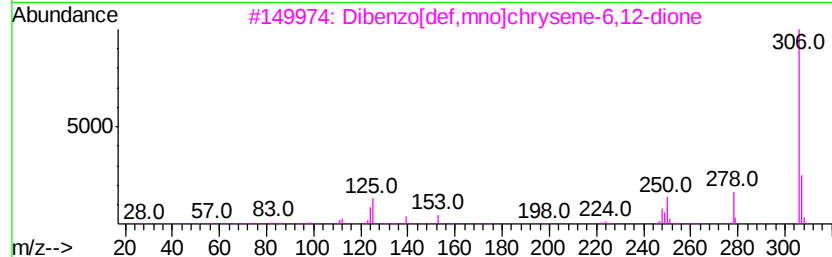
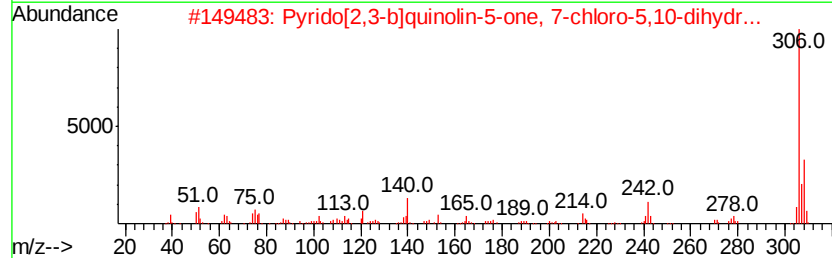
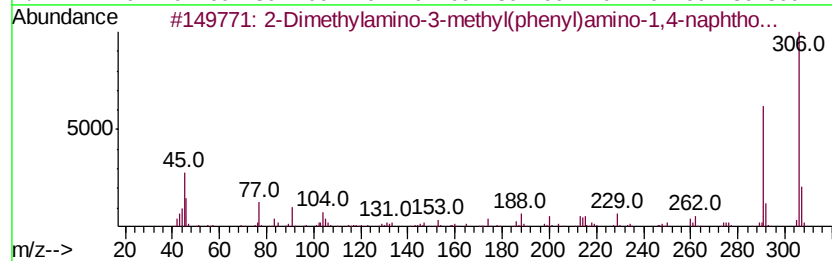
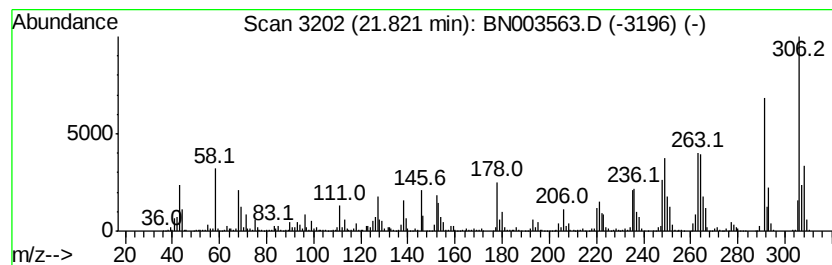
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	15.23 ng/ul	4546580	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Dimethylamino-3-methyl(phenyl)...	306	C19H18N2O2	134614-10-1	46
2		Pyrido[2,3-b]quinolin-5-one, 7-c...	306	C18H11ClN2O	069750-07-8	38
3		Dibenzo[def,mno]chrysene-6,12-dione	306	C22H10O2	000641-13-4	30
4		[1,2,4]oxadiazole, 5-[1-(3-chlor...	306	C14H11ClN2O2S	1000304-96-9	30
5		2-Ethylamino-3-methyl(phenyl)ami...	306	C19H18N2O2	134614-16-7	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111618\
Data File : BN003563.D
Acq On : 16 Nov 2018 14:53
Operator : MJ/SJ
Sample : J5928-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40S4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.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
Butane, 2-methoxy...	3.03	10.4	ng/ul	298703	1	7.84	573747	20.0
2-Pentanone, 4-hy...	4.95	2.8	ng/ul	80934	1	7.84	573747	20.0
Benzene, chloro-	5.16	2.9	ng/ul	84155	1	7.84	573747	20.0
Benzaldehyde dime...	9.30	39.1	ng/ul	1750860	2	10.64	896591	20.0
unknown-01	12.16	39.2	ng/ul	1757800	2	10.64	896591	20.0
Naphthalene, 1-me...	12.52	57.5	ng/ul	2576220	2	10.64	896591	20.0
unknown-02	13.97	13.3	ng/ul	779601	3	14.48	1170690	20.0
4-Carbethoxy-3-ch...	15.12	4.5	ng/ul	260476	3	14.48	1170690	20.0
unknown-03	15.97	2.5	ng/ul	191828	4	17.22	1503180	20.0
unknown-04	21.82	15.2	ng/ul	4546580	5	21.40	5970790	20.0