

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
 Data File : BG047827.D
 Acq On : 24 Dec 2020 11:33
 Operator : CG/JU
 Sample : L5112-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A54P3

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_G\METHODS\SOM-EPA-BG120720MA.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	3.521	28	31	33	rVV3	5461	8255	0.60%	0.030%
2	3.556	33	37	47	rVB2	20690	37430	2.71%	0.135%
3	4.003	110	113	118	rVB3	5796	9666	0.70%	0.035%
4	4.632	211	220	234	rBV	591683	955651	69.17%	3.456%
5	5.249	318	325	334	rBV	160878	254882	18.45%	0.922%
6	5.889	429	434	438	rVB	2544	5494	0.40%	0.020%
7	6.359	508	514	517	rBV3	4493	8567	0.62%	0.031%
8	7.334	673	680	695	rBV	148311	290792	21.05%	1.052%
9	7.511	702	710	718	rBV	85025	142749	10.33%	0.516%
10	7.605	720	726	733	rBV	120064	196984	14.26%	0.712%
11	7.722	738	746	749	rBV	142199	264592	19.15%	0.957%
12	7.757	749	752	760	rVB2	184066	288823	20.91%	1.044%
13	8.198	819	827	836	rBV	121561	205186	14.85%	0.742%
14	8.715	909	915	923	rBV4	83632	207812	15.04%	0.751%
15	8.774	923	925	934	rVB2	8656	11945	0.86%	0.043%
16	8.897	937	946	953	rBV	159209	282083	20.42%	1.020%
17	8.997	956	963	969	rBV	88326	144644	10.47%	0.523%
18	9.297	1006	1014	1020	rBV2	159790	283282	20.50%	1.024%
19	9.367	1020	1026	1029	rVV	134146	243774	17.64%	0.882%
20	9.408	1029	1033	1041	rVB2	145855	269460	19.50%	0.974%
21	9.767	1090	1094	1100	rVB2	13618	20466	1.48%	0.074%
22	10.096	1143	1150	1156	rBV2	132746	240950	17.44%	0.871%
23	10.413	1197	1204	1210	rBV	100808	168945	12.23%	0.611%
24	10.642	1233	1243	1245	rBV	205287	434863	31.48%	1.573%
25	10.977	1296	1300	1302	rBV3	5986	8406	0.61%	0.030%
26	11.024	1302	1308	1312	rVV	139532	247596	17.92%	0.895%
27	11.077	1312	1317	1323	rVV	186176	318010	23.02%	1.150%
28	11.148	1323	1329	1335	rVV	145858	265237	19.20%	0.959%
29	11.359	1358	1365	1374	rVB2	171188	296668	21.47%	1.073%
30	12.516	1557	1562	1566	rBV3	8636	12449	0.90%	0.045%
31	12.593	1570	1575	1578	rBV2	3852	6643	0.48%	0.024%
32	12.787	1603	1608	1613	rBV5	18067	30195	2.19%	0.109%
33	12.881	1618	1624	1633	rVB	257272	419630	30.37%	1.517%
34	13.010	1639	1646	1648	rBV	161090	287678	20.82%	1.040%

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35	13.257	1682	1688	1694	rBV	367123	579391	41.94%	2.095%
36	13.327	1694	1700	1708	rVV2	222867	368935	26.70%	1.334%
37	13.415	1713	1715	1719	rVV3	3603	4945	0.36%	0.018%
38	13.633	1747	1752	1757	rBV3	17270	29330	2.12%	0.106%
39	13.703	1757	1764	1772	rVB	280342	471870	34.16%	1.706%
40	14.214	1844	1851	1855	rBV	360324	552325	39.98%	1.997%
41	14.262	1855	1859	1867	rVB	384586	524769	37.98%	1.898%
42	14.332	1867	1871	1874	rBV	4180	4864	0.35%	0.018%
43	14.379	1874	1879	1886	rVB	153594	235038	17.01%	0.850%
44	14.461	1886	1893	1895	rBV3	6286	8803	0.64%	0.032%
45	14.520	1896	1903	1905	rBV	330932	556278	40.26%	2.012%
46	14.696	1929	1933	1935	rBV2	4412	5367	0.39%	0.019%
47	14.820	1947	1954	1960	rBV2	215999	341767	24.74%	1.236%
48	14.884	1960	1965	1971	rVB	234754	366666	26.54%	1.326%
49	14.990	1977	1983	1992	rBV	207839	337465	24.43%	1.220%
50	15.084	1993	1999	2005	rVV	282572	446729	32.34%	1.615%
51	15.166	2007	2013	2017	rVV2	138116	215006	15.56%	0.778%
52	15.213	2017	2021	2029	rVB	262999	407898	29.52%	1.475%
53	15.437	2056	2059	2064	rVB	2557	4480	0.32%	0.016%
54	15.613	2081	2089	2099	rBV	356006	512499	37.10%	1.853%
55	15.807	2116	2122	2126	rBV	459591	735354	53.23%	2.659%
56	15.860	2126	2131	2136	rVV2	388500	739456	53.52%	2.674%
57	15.913	2136	2140	2152	rVB	185026	281332	20.36%	1.017%
58	16.030	2156	2160	2161	rBV	4619	5082	0.37%	0.018%
59	16.136	2177	2178	2182	rBV3	2846	4174	0.30%	0.015%
60	16.430	2225	2228	2229	rBV2	4254	3650	0.26%	0.013%
61	16.471	2232	2235	2238	rVB2	5434	6269	0.45%	0.023%
62	16.571	2249	2252	2254	rBV3	4057	4615	0.33%	0.017%
63	16.741	2275	2281	2286	rBV	279953	417901	30.25%	1.511%
64	16.864	2296	2302	2312	rVB2	213927	338917	24.53%	1.226%
65	17.205	2353	2360	2369	rVV	279309	445824	32.27%	1.612%
66	17.287	2370	2374	2378	rVV4	17154	28442	2.06%	0.103%
67	17.346	2382	2384	2390	rVB5	6779	10341	0.75%	0.037%
68	17.446	2396	2401	2405	rBV5	7637	11549	0.84%	0.042%
69	17.558	2413	2420	2427	rBV	303749	456752	33.06%	1.652%
70	17.658	2431	2437	2440	rVV	579161	948561	68.66%	3.430%
71	17.693	2440	2443	2451	rVB	623273	865086	62.62%	3.128%

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72	17.951	2481	2487	2496	rVB	471920	722986	52.33%	2.614%
73	18.022	2496	2499	2501	rBV2	4769	5131	0.37%	0.019%
74	18.145	2516	2520	2521	rBV	5539	4859	0.35%	0.018%
75	18.163	2521	2523	2527	rVV5	8740	13638	0.99%	0.049%
76	18.198	2527	2529	2532	rVV3	8821	11079	0.80%	0.040%
77	18.333	2551	2552	2556	rVB2	4550	4107	0.30%	0.015%
78	18.368	2556	2558	2563	rBV4	6324	9355	0.68%	0.034%
79	18.492	2573	2579	2585	rBV	515264	672582	48.68%	2.432%
80	18.703	2612	2615	2620	rBV3	8255	12210	0.88%	0.044%
81	18.815	2632	2634	2637	rBV4	3633	3822	0.28%	0.014%
82	18.921	2649	2652	2653	rBV2	5792	4328	0.31%	0.016%
83	18.956	2654	2658	2664	rVB2	20315	32941	2.38%	0.119%
84	19.185	2693	2697	2703	rVB2	24979	33369	2.42%	0.121%
85	19.273	2709	2712	2715	rBV3	10086	13658	0.99%	0.049%
86	19.332	2719	2722	2724	rBV3	8646	9970	0.72%	0.036%
87	19.814	2802	2804	2809	rVB4	10622	11131	0.81%	0.040%
88	19.925	2816	2823	2830	rVB	744239	1071362	77.55%	3.874%
89	20.055	2843	2845	2847	rBV3	4407	3681	0.27%	0.013%
90	20.425	2906	2908	2911	rBV3	7828	9839	0.71%	0.036%
91	20.819	2970	2975	2981	rVB	623850	749057	54.22%	2.709%
92	21.118	3025	3026	3029	rBV3	7186	5721	0.41%	0.021%
93	21.441	3077	3081	3093	rBV10	36543	111299	8.06%	0.402%
94	21.688	3118	3123	3130	rVB	338298	478955	34.67%	1.732%
95	21.817	3137	3145	3155	rBV2	582206	1381548	100.00%	4.996%
96	22.940	3330	3336	3344	rVB	522470	908518	65.76%	3.285%
97	24.109	3527	3535	3540	rBV	179612	442123	32.00%	1.599%
98	24.179	3540	3547	3560	rVB	510438	1266103	91.64%	4.579%
99	24.949	3668	3678	3690	rVB	351494	1000673	72.43%	3.619%
100	25.178	3708	3717	3727	rVB3	164719	511430	37.02%	1.849%

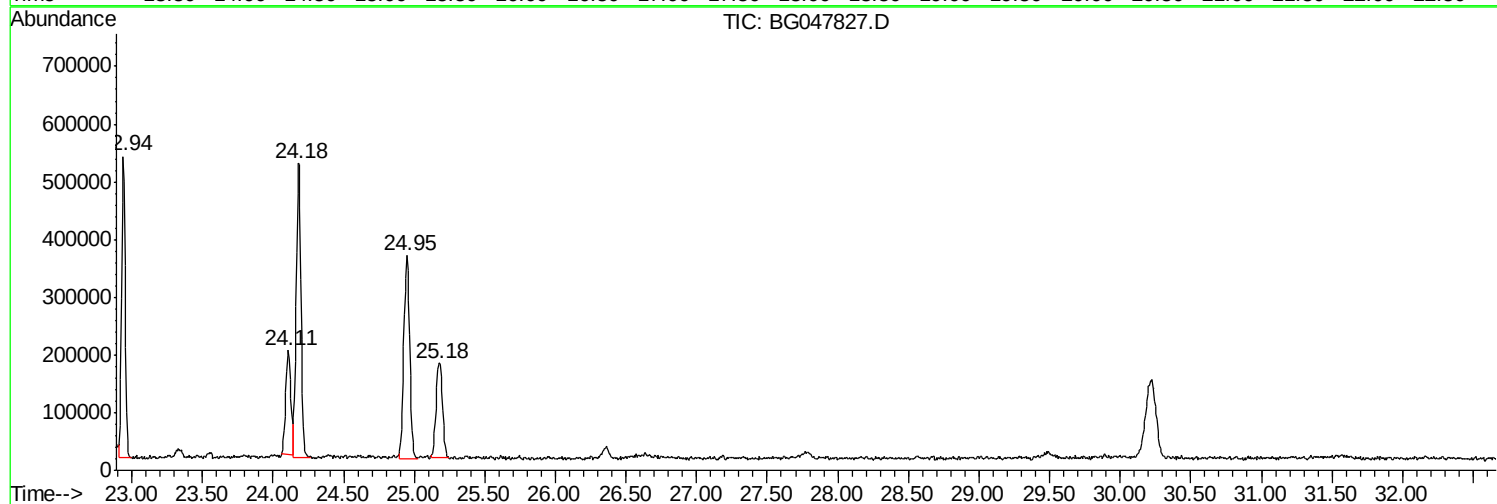
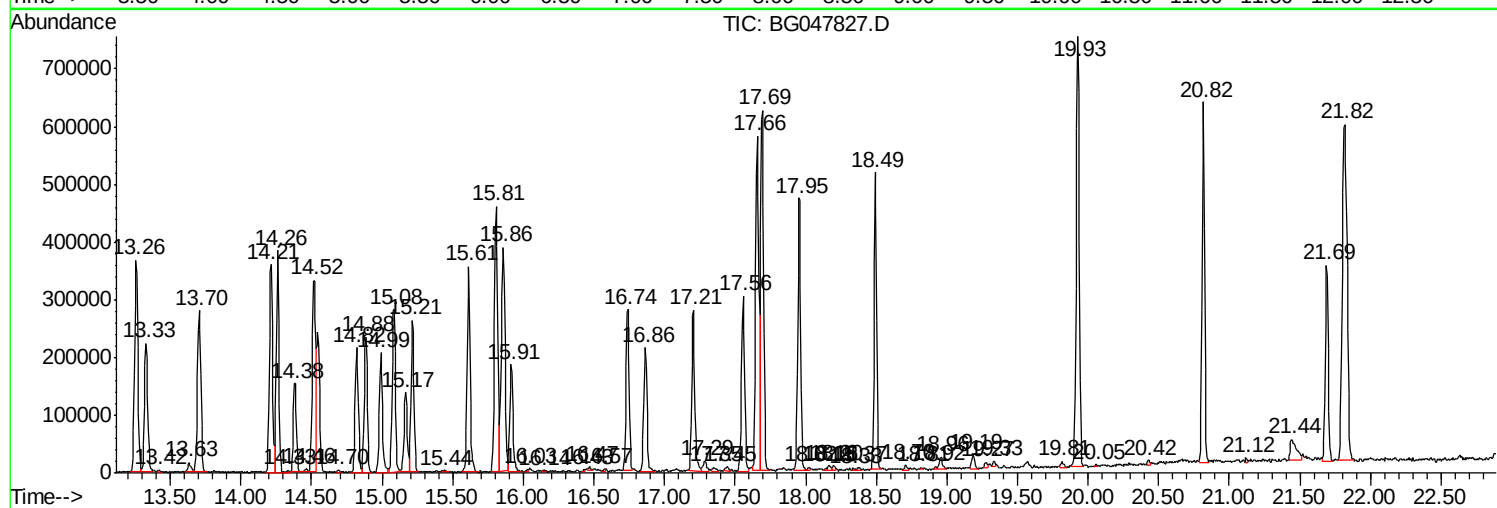
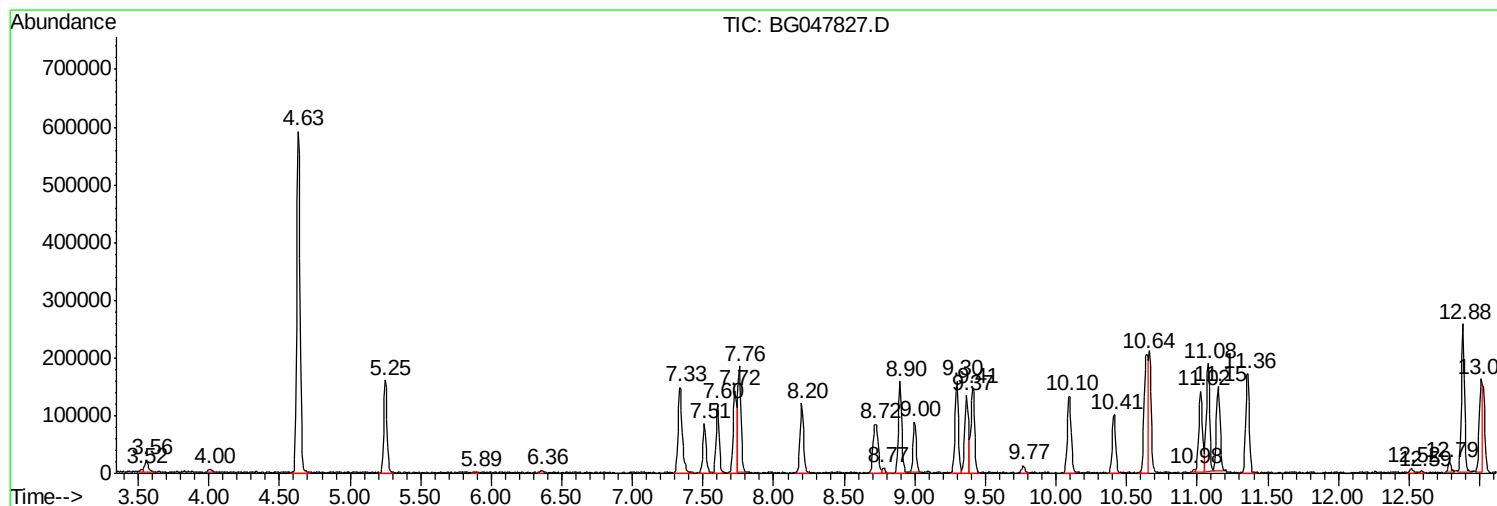
Sum of corrected areas: 27653012

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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



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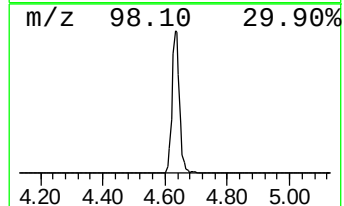
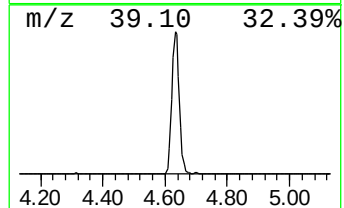
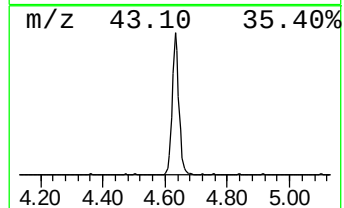
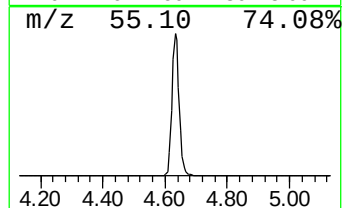
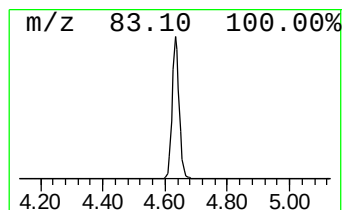
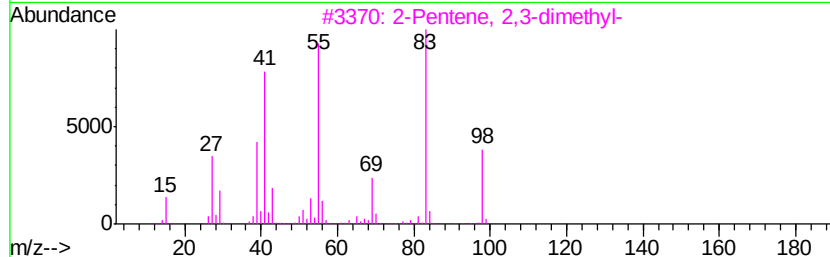
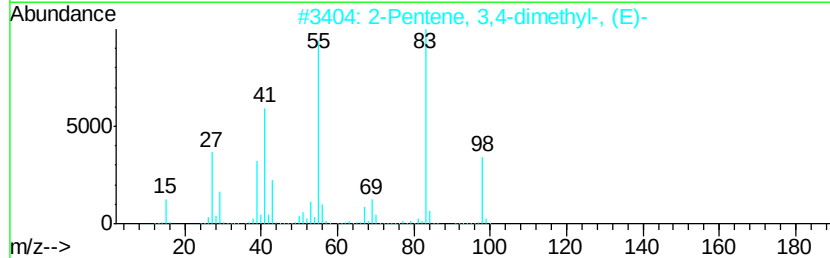
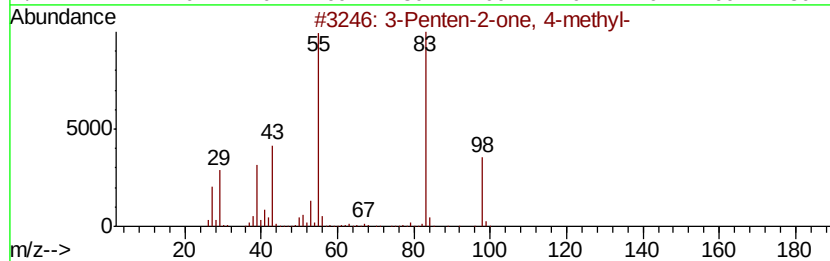
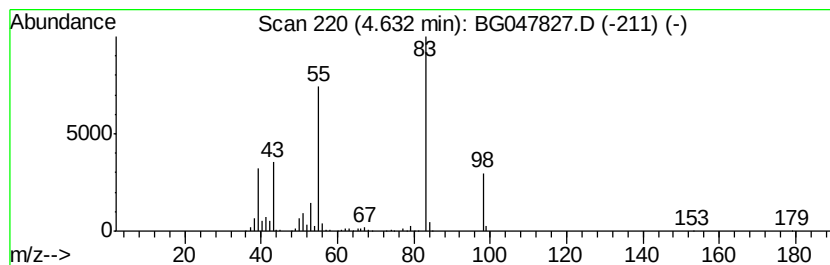
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	93.15 ng/ul	955651	1,4-Dichlorobenzene-d4	8.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
3			2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	86
4			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5			3-Hexen-2-one	98	C6H10O	000763-93-9	86



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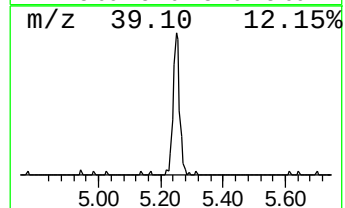
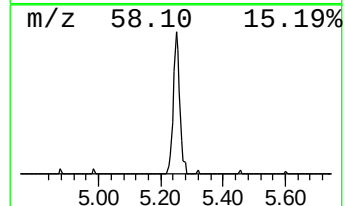
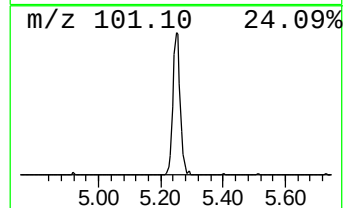
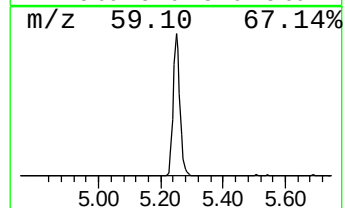
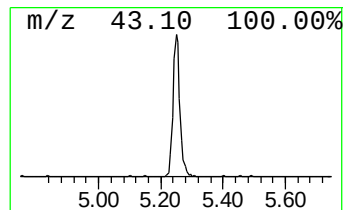
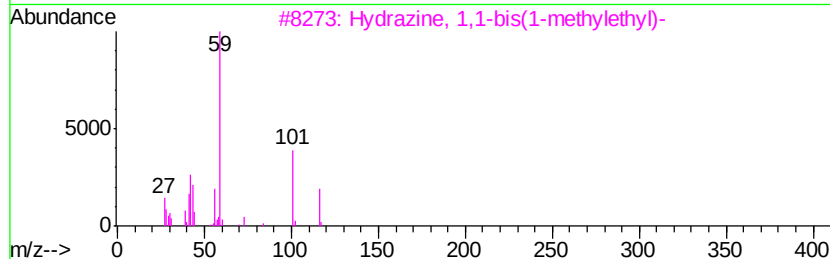
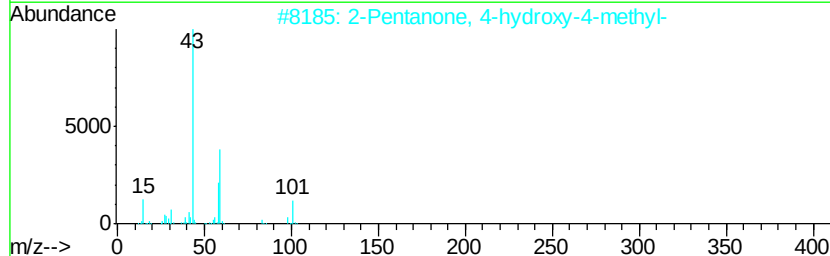
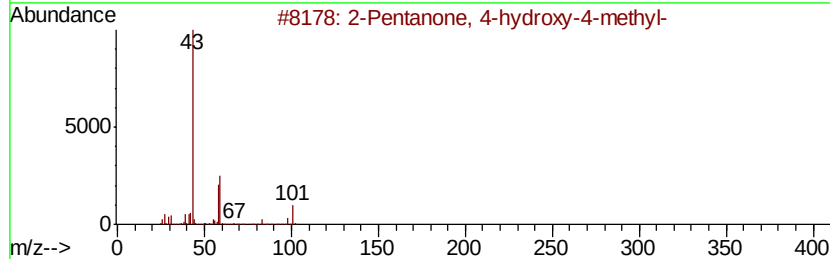
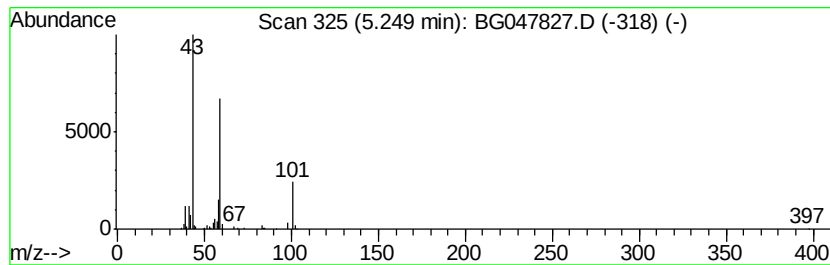
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	24.84 ng/ul	254882	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
3		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
4		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32



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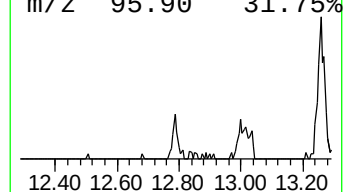
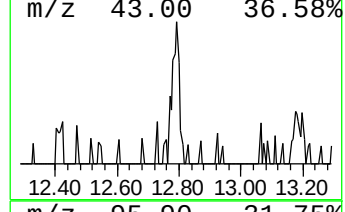
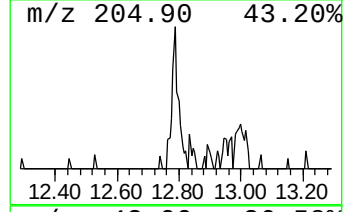
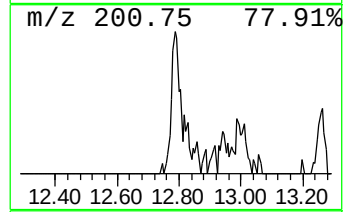
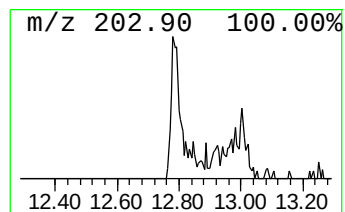
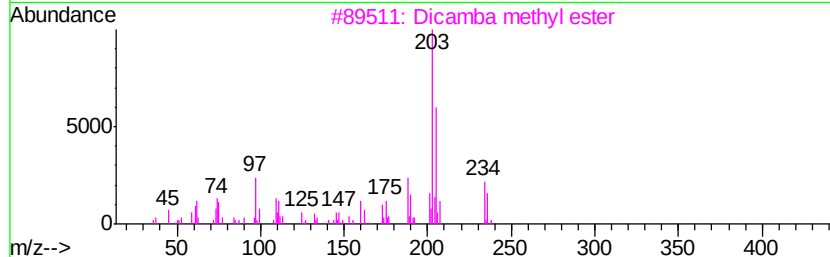
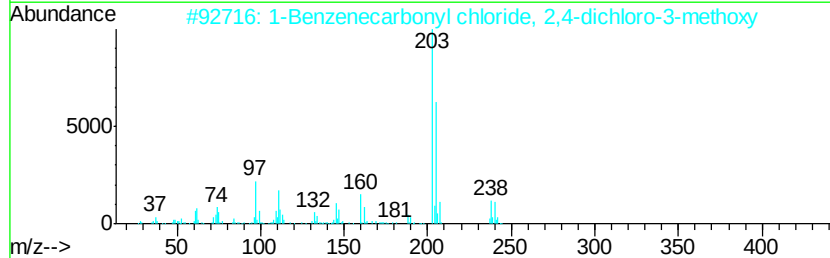
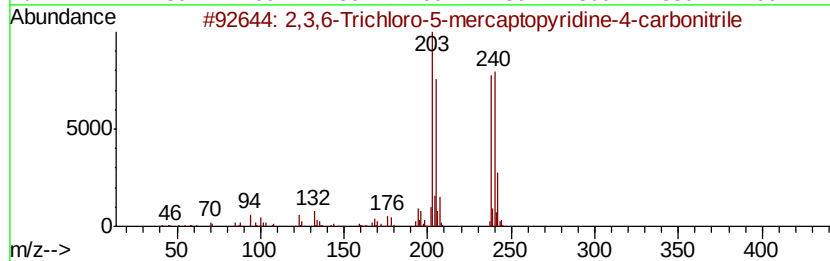
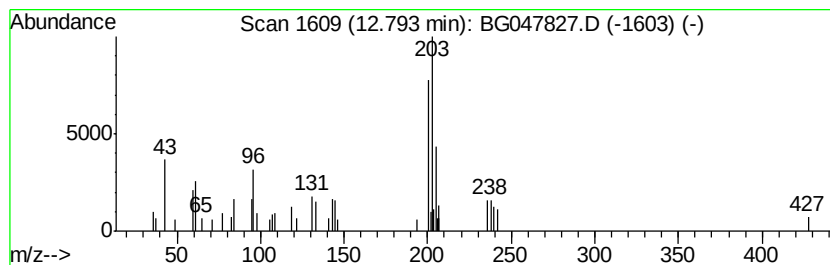
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	2.44 ng/ul	30195	Napthalene-d8	11.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,6-Trichloro-5-mercaptopyridi...	238	C6HCl3N2S	1000305-32-9	45
2		1-Benzenecarbonyl chloride, 2,4-...	238	C8H5Cl3O2	1000196-85-1	38
3		Dicamba methyl ester	234	C9H8Cl2O3	006597-78-0	38
4		5-Bromo-2,6-dimethyl-4-pyrimidin...	201	C6H8BrN3	007752-80-9	30
5		6-[Trichloromethyl]purine	236	C6H3Cl3N4	002568-37-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047827.D
Acq On : 24 Dec 2020 11:33
Operator : CG/JU
Sample : L5112-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

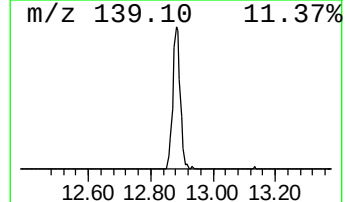
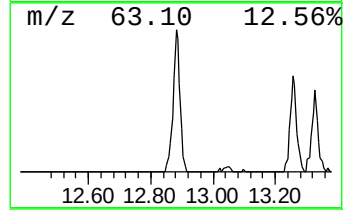
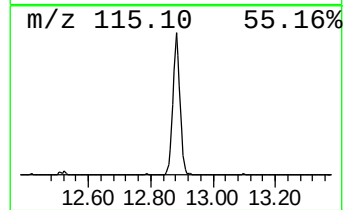
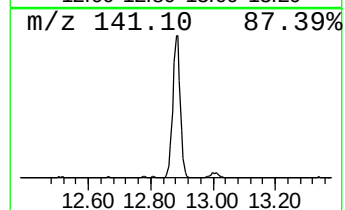
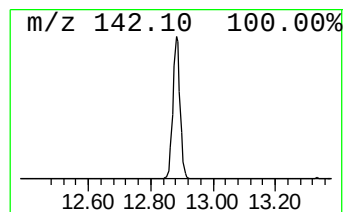
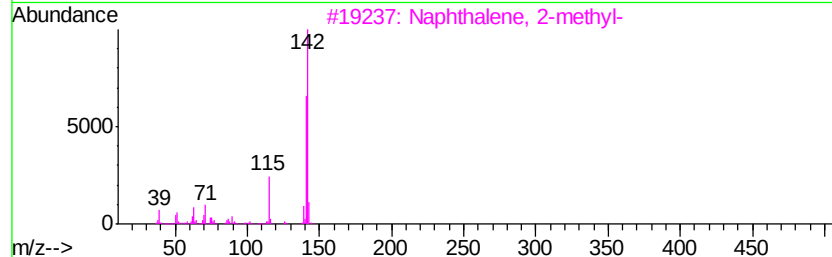
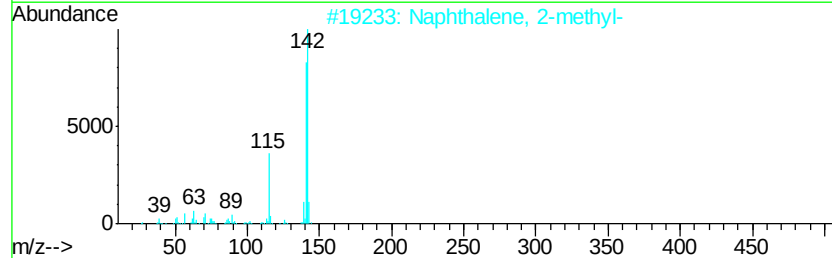
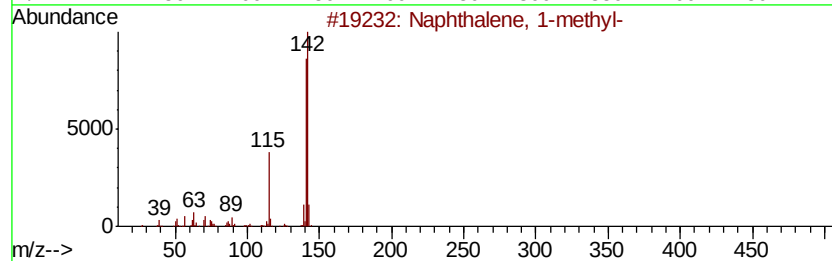
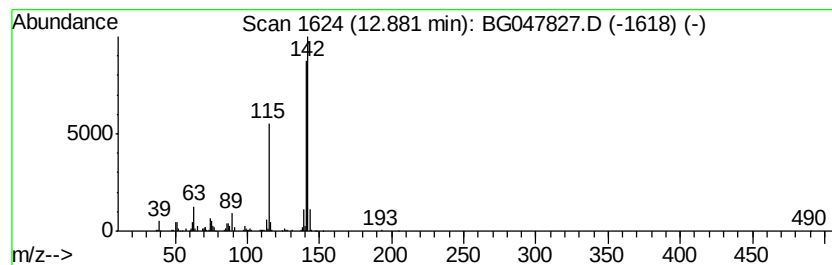
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	33.90 ng/ul	419630	Naphthalene-d8	11.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 97
2		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 94
3		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 91
4		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 91
5		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047827.D
Acq On : 24 Dec 2020 11:33
Operator : CG/JU
Sample : L5112-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A54P3

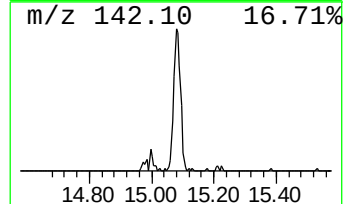
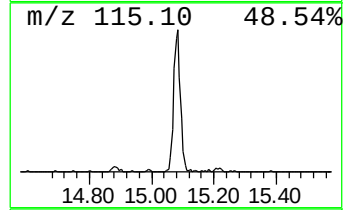
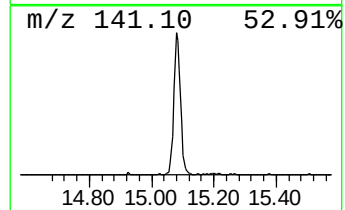
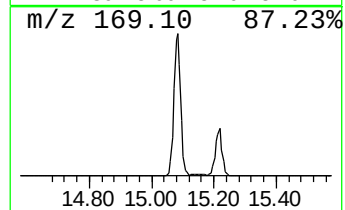
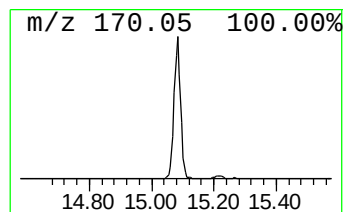
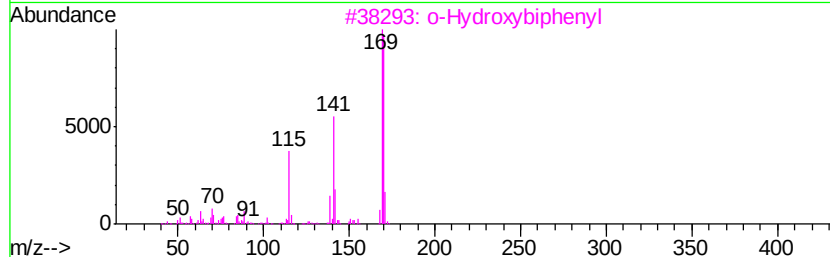
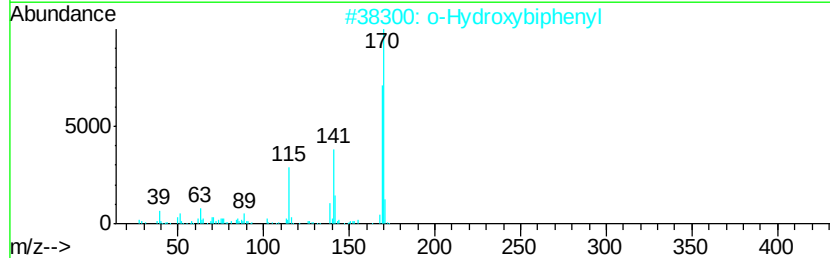
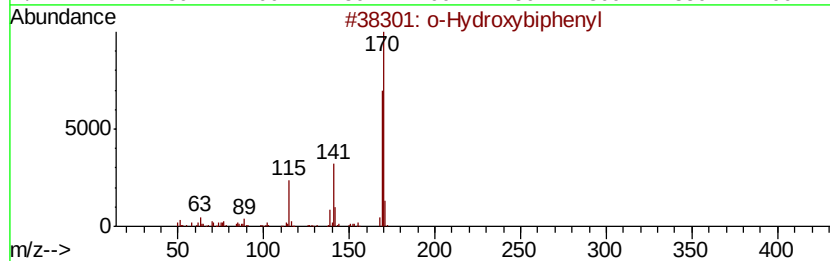
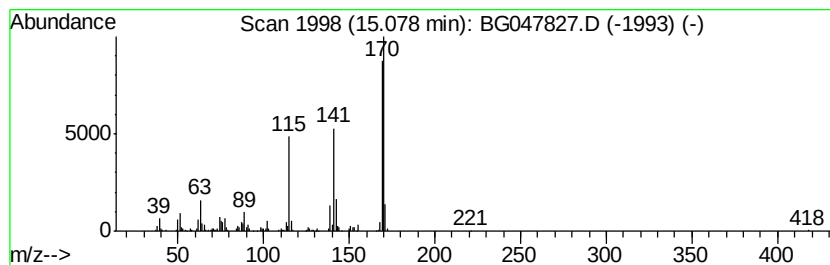
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 o-Hydroxybiphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	26.14 ng/ul	446729	Acenaphthene-d10	14.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	95
2		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	95
3		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94
4		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94
5		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122320\
Data File : BG047827.D
Acq On : 24 Dec 2020 11:33
Operator : CG/JU
Sample : L5112-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A54P3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.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
3-Penten-2-one, 4...	4.63	93.2	ng/ul	955651	1	8.20	205186	20.0
2-Pentanone, 4-hy...	5.25	24.8	ng/ul	254882	1	8.20	205186	20.0
unknown-01	12.79	2.4	ng/ul	30195	2	11.02	247596	20.0
Naphthalene, 1-me...	12.88	33.9	ng/ul	419630	2	11.02	247596	20.0
o-Hydroxybiphenyl	15.08	26.1	ng/ul	446729	3	14.82	341767	20.0