

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
 Data File : BM024105.D
 Acq On : 13 Dec 2019 23:12
 Operator : JU
 Sample : K6167-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFQW7

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_M\METHODS\SOM-EPA-BM112719MA.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	21	24	28	rBV	64055	84305	0.98%	0.101%
2	3.363	78	81	84	rVB4	12143	14334	0.17%	0.017%
3	3.728	140	143	149	rVB2	16141	24222	0.28%	0.029%
4	4.028	189	194	203	rBV	34981	65241	0.75%	0.078%
5	4.163	215	217	226	rVB7	9465	17794	0.21%	0.021%
6	4.822	325	329	335	rBV2	17003	26359	0.30%	0.032%
7	5.410	424	429	434	rBV9	6336	14553	0.17%	0.017%
8	5.510	442	446	449	rVB6	11144	17587	0.20%	0.021%
9	5.781	486	492	498	rBV7	10006	17572	0.20%	0.021%
10	6.081	539	543	547	rVB6	8016	12390	0.14%	0.015%
11	6.181	555	560	564	rBV7	6085	10008	0.12%	0.012%
12	6.669	633	643	656	rBV	297343	559257	6.47%	0.669%
13	6.822	662	669	687	rBV	928007	1585920	18.34%	1.896%
14	7.004	694	700	713	rBV	1056209	1781589	20.61%	2.130%
15	7.469	772	779	788	rBV	1031855	1691297	19.56%	2.022%
16	7.551	788	793	806	rVB2	67107	142232	1.65%	0.170%
17	7.775	823	831	835	rBV7	27562	51474	0.60%	0.062%
18	7.910	847	854	858	rBV7	10064	21822	0.25%	0.026%
19	8.104	881	887	889	rBV6	5632	9603	0.11%	0.011%
20	8.192	895	902	913	rBV	906260	1493871	17.28%	1.786%
21	8.298	919	920	927	rVB6	11154	14687	0.17%	0.018%
22	8.575	960	967	968	rBV6	12149	16710	0.19%	0.020%
23	8.622	968	975	987	rVV	1173706	1972008	22.81%	2.358%
24	8.804	1002	1006	1010	rVB6	7447	13951	0.16%	0.017%
25	9.016	1037	1042	1047	rBV4	25486	46770	0.54%	0.056%
26	9.098	1049	1056	1062	rVB	140505	232552	2.69%	0.278%
27	9.204	1068	1074	1078	rBV4	18866	28913	0.33%	0.035%
28	9.333	1089	1096	1107	rBV	953244	1668284	19.30%	1.995%
29	9.528	1125	1129	1133	rVB6	10938	14292	0.17%	0.017%
30	9.622	1140	1145	1147	rBV4	15995	19993	0.23%	0.024%
31	9.733	1160	1164	1168	rBV6	28167	49991	0.58%	0.060%
32	9.875	1181	1188	1207	rBV	1514404	2786781	32.23%	3.332%
33	10.033	1210	1215	1233	rVV2	117426	333265	3.85%	0.398%
34	10.157	1233	1236	1239	rVV5	7434	10032	0.12%	0.012%

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35	10.239	1242	1250	1258	rVV	1455398	2463769	28.50%	2.946%
36	10.339	1262	1267	1273	rVV2	43222	84217	0.97%	0.101%
37	10.404	1273	1278	1287	rVB	60163	120510	1.39%	0.144%
38	10.545	1295	1302	1307	rBV8	19000	39967	0.46%	0.048%
39	10.651	1313	1320	1338	rBV	2047290	3243683	37.52%	3.878%
40	10.804	1342	1346	1349	rVV2	18636	35329	0.41%	0.042%
41	10.857	1353	1355	1361	rVV3	16674	34075	0.39%	0.041%
42	10.898	1361	1362	1371	rVB4	22451	38861	0.45%	0.046%
43	11.016	1379	1382	1385	rBV4	5844	9702	0.11%	0.012%
44	11.057	1385	1389	1390	rBV4	11594	14583	0.17%	0.017%
45	11.092	1393	1395	1404	rVB4	21505	44204	0.51%	0.053%
46	11.169	1404	1408	1412	rVB4	11817	14845	0.17%	0.018%
47	11.222	1412	1417	1418	rBV4	12065	16468	0.19%	0.020%
48	11.463	1455	1458	1462	rBV4	8952	12262	0.14%	0.015%
49	11.533	1462	1470	1473	rVV7	14527	33784	0.39%	0.040%
50	11.580	1473	1478	1481	rVB6	12343	18511	0.21%	0.022%
51	11.669	1492	1493	1498	rVB5	13588	15562	0.18%	0.019%
52	11.757	1498	1508	1513	rBV2	22891	60487	0.70%	0.072%
53	11.804	1513	1516	1519	rVV3	21119	31704	0.37%	0.038%
54	11.845	1519	1523	1527	rVB3	28827	50163	0.58%	0.060%
55	11.951	1537	1541	1546	rBV5	16487	31147	0.36%	0.037%
56	12.010	1547	1551	1554	rVB5	9939	15000	0.17%	0.018%
57	12.069	1554	1561	1572	rBV3	25872	68080	0.79%	0.081%
58	12.474	1623	1630	1640	rBV2	30300	81309	0.94%	0.097%
59	12.604	1647	1652	1658	rBV2	65142	116227	1.34%	0.139%
60	12.733	1665	1674	1680	rVB4	42163	70146	0.81%	0.084%
61	12.980	1711	1716	1721	rBV7	14873	23588	0.27%	0.028%
62	13.039	1721	1726	1733	rBV	102556	169758	1.96%	0.203%
63	13.121	1737	1740	1744	rVB4	9940	11635	0.13%	0.014%
64	13.374	1776	1783	1784	rBV7	8190	17702	0.20%	0.021%
65	13.486	1799	1802	1807	rVB7	12263	15181	0.18%	0.018%
66	13.551	1807	1813	1819	rBV	3024205	4050506	46.85%	4.843%
67	13.674	1831	1834	1837	rBV5	11123	17692	0.20%	0.021%
68	13.710	1837	1840	1845	rVB2	27494	44088	0.51%	0.053%
69	13.816	1852	1858	1868	rBV	3564828	5080497	58.76%	6.074%
70	13.957	1877	1882	1889	rVB	61354	95081	1.10%	0.114%
71	14.127	1904	1911	1918	rBV	2253197	3344959	38.69%	3.999%

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72	14.221	1921	1927	1944	rVV	726011	1513207	17.50%	1.809%
73	14.386	1950	1955	1962	rBV	198035	391202	4.52%	0.468%
74	14.451	1962	1966	1974	rVB	110827	191983	2.22%	0.230%
75	14.686	2002	2006	2012	rVB6	20638	30287	0.35%	0.036%
76	14.904	2037	2043	2049	rBV2	265233	460518	5.33%	0.551%
77	15.086	2071	2074	2075	rBV2	16787	14842	0.17%	0.018%
78	15.127	2075	2081	2089	rVV	4424117	6358050	73.54%	7.602%
79	15.274	2101	2106	2117	rBV	1391512	1989947	23.02%	2.379%
80	15.368	2119	2122	2135	rVB3	66249	188104	2.18%	0.225%
81	15.468	2137	2139	2143	rBV	17315	24760	0.29%	0.030%
82	15.515	2143	2147	2151	rBV7	25329	43909	0.51%	0.052%
83	15.721	2178	2182	2187	rVB2	44628	63815	0.74%	0.076%
84	15.780	2187	2192	2193	rBV4	24725	35356	0.41%	0.042%
85	15.845	2200	2203	2212	rVB10	29526	53847	0.62%	0.064%
86	15.986	2225	2227	2232	rBV6	18814	22560	0.26%	0.027%
87	16.251	2269	2272	2277	rVB5	23932	35943	0.42%	0.043%
88	16.668	2340	2343	2347	rBV4	45395	58969	0.68%	0.071%
89	16.880	2373	2379	2388	rBV	2609461	3786182	43.79%	4.527%
90	16.980	2390	2396	2409	rBV2	4852436	6885839	79.64%	8.233%
91	17.215	2433	2436	2441	rVB	53817	76025	0.88%	0.091%
92	17.598	2497	2501	2508	rVB	111306	162551	1.88%	0.194%
93	17.809	2533	2537	2544	rBV3	186997	349032	4.04%	0.417%
94	18.921	2723	2726	2729	rBV	63820	85436	0.99%	0.102%
95	19.103	2754	2757	2761	rBV3	73345	94375	1.09%	0.113%
96	19.292	2783	2789	2796	rBV	5739267	7934435	91.77%	9.487%
97	20.833	3048	3051	3056	rBV2	369817	418127	4.84%	0.500%
98	21.092	3090	3095	3103	rBV	3454598	4465708	51.65%	5.339%
99	23.097	3430	3436	3442	rBV	5029703	8645958	100.00%	10.337%
100	23.227	3453	3458	3468	rVB2	2727577	4772454	55.20%	5.706%

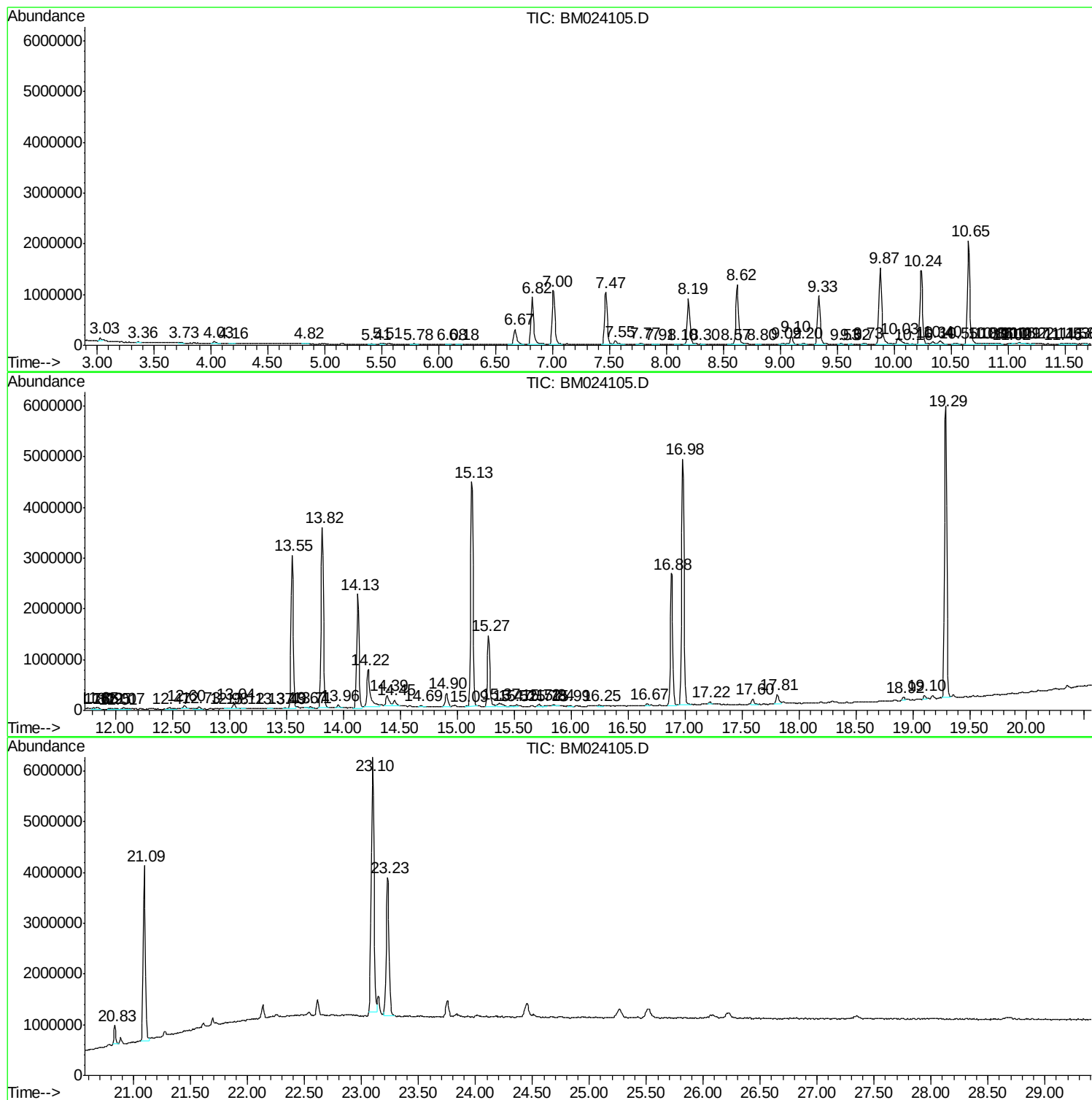
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



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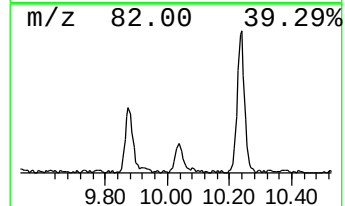
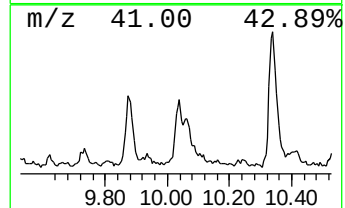
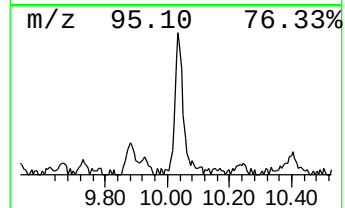
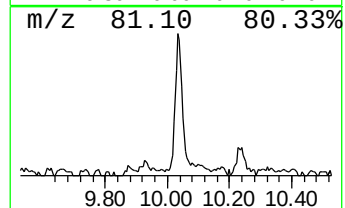
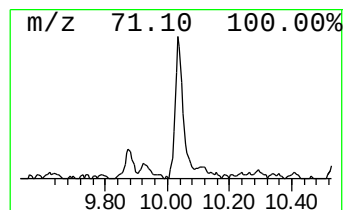
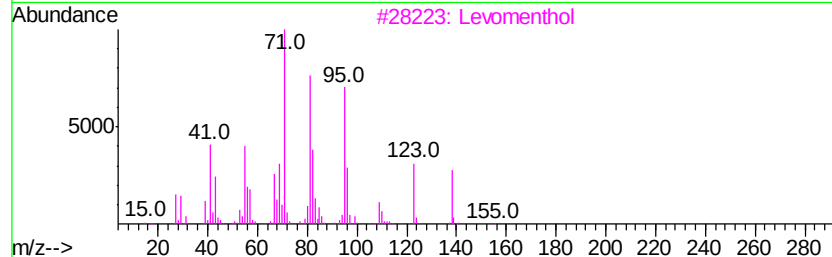
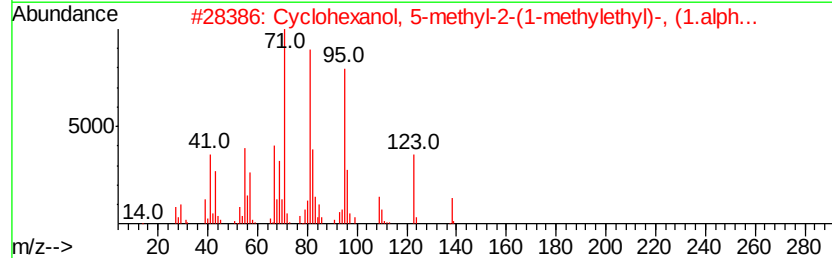
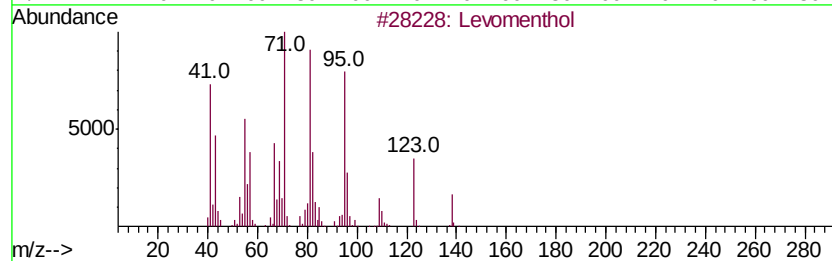
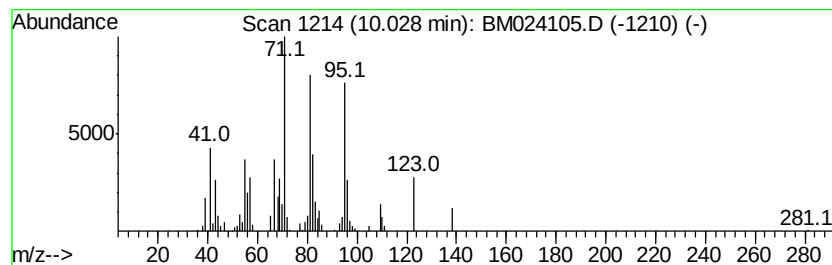
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Levomenthol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	2.71 ng/ul	333265	Napthalene-d8	10.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Levomenthol		156 C10H20O	002216-51-5 91
2	Cyclohexanol, 5-methyl-2-(1-meth...		156 C10H20O	015356-70-4 91
3	Levomenthol		156 C10H20O	002216-51-5 91
4	Cyclohexanol, 5-methyl-2-(1-meth...		156 C10H20O	001490-04-6 91
5	dl-Menthol		156 C10H20O	000089-78-1 91



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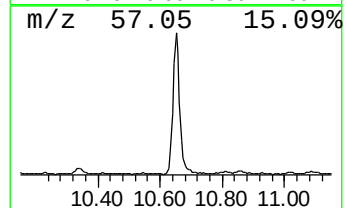
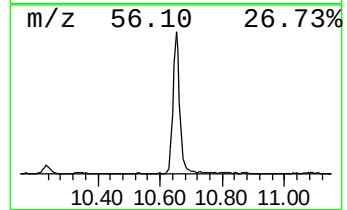
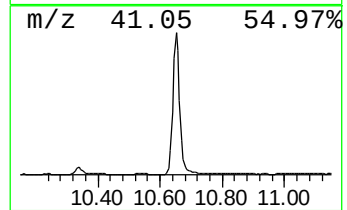
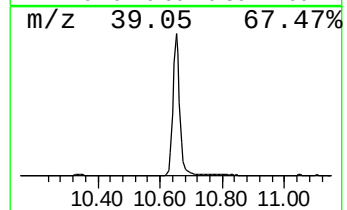
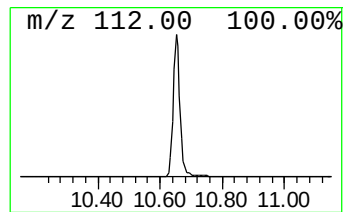
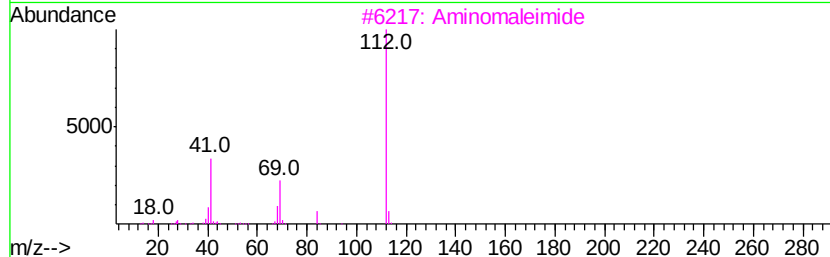
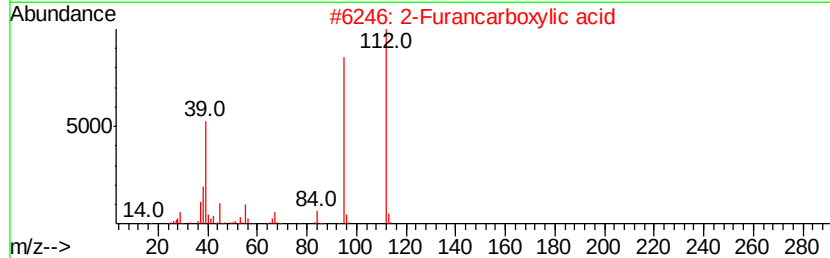
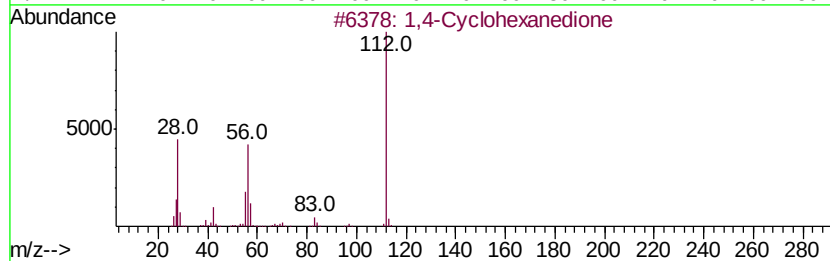
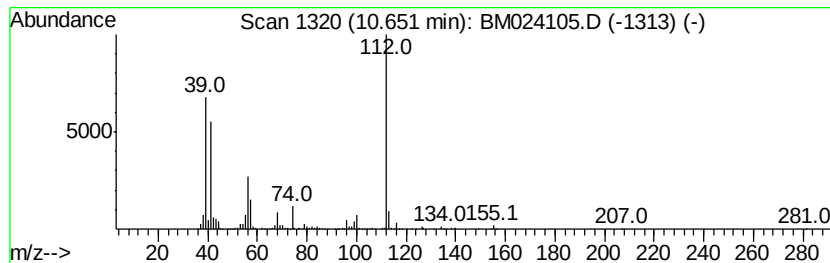
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.65	26.33 ng/ul	3243680	Napthalene-d8	10.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Cyclohexanedione	112	C6H8O2	000637-88-7	47
2	2-Furancarboxylic acid	112	C5H4O3	000088-14-2	42
3	Aminomaleimide	112	C4H4N2O2	037770-94-8	38
4	3-Nitropyrrole	112	C4H4N2O2	005930-94-9	38
5	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	35



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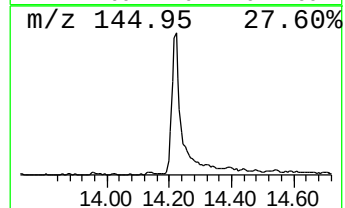
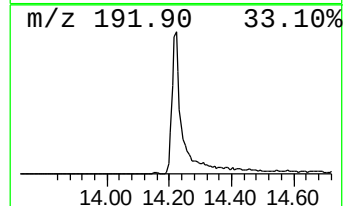
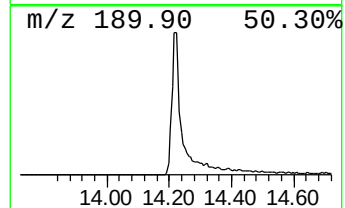
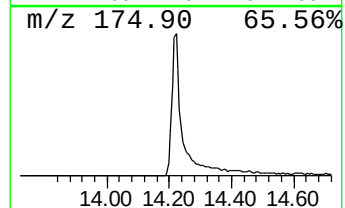
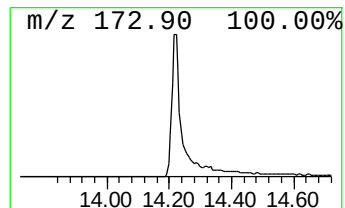
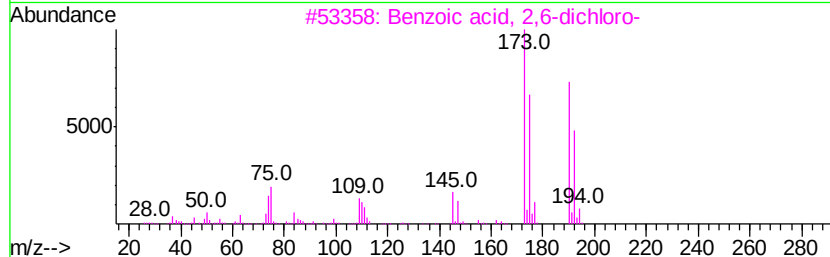
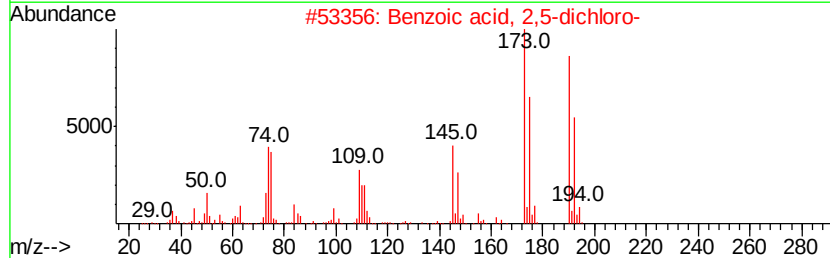
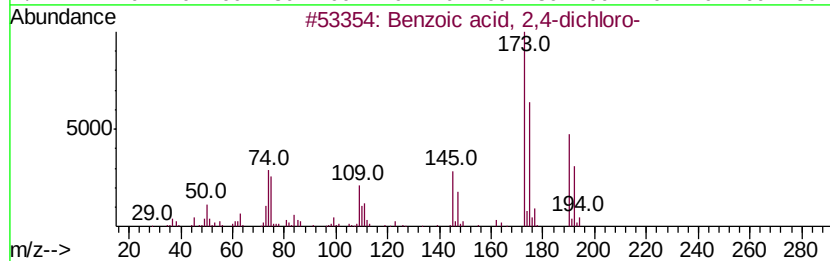
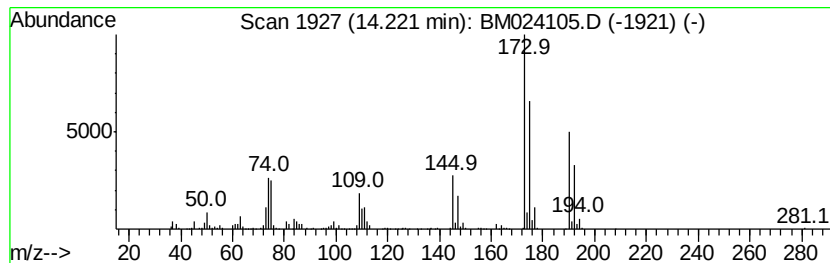
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Peak Number 3 Benzoic acid, 2,4-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	9.05 ng/ul	1513210	Acenaphthene-d10	14.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzoic acid, 2,4-dichloro-	190	C7H4Cl2O2	000050-84-0 99
2	Benzoic acid, 2,5-dichloro-	190	C7H4Cl2O2	000050-79-3 98
3	Benzoic acid, 2,6-dichloro-	190	C7H4Cl2O2	000050-30-6 98
4	Benzoic acid, 2,6-dichloro-	190	C7H4Cl2O2	000050-30-6 98
5	Benzoic acid, 2,5-dichloro-	190	C7H4Cl2O2	000050-79-3 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
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Acq On : 13 Dec 2019 23:12
Operator : JU
Sample : K6167-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

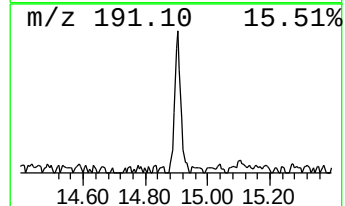
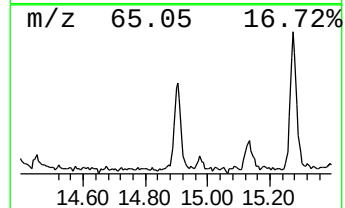
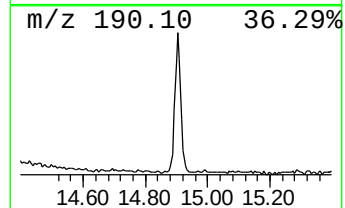
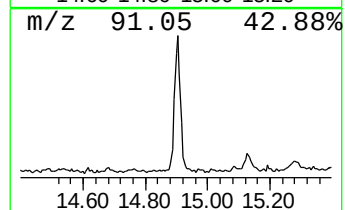
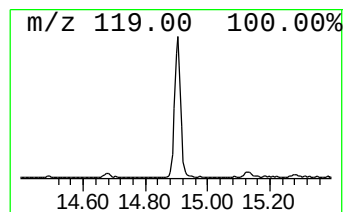
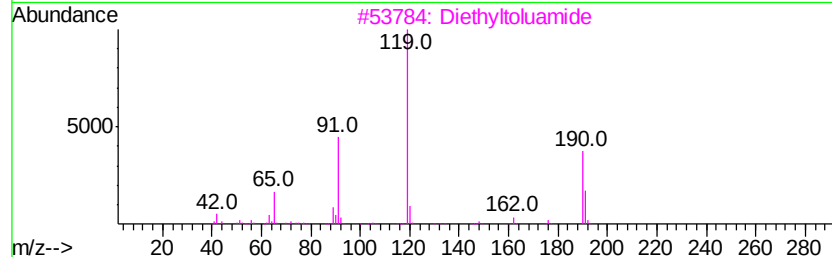
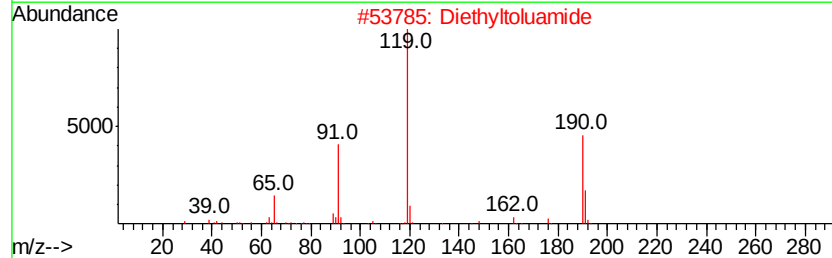
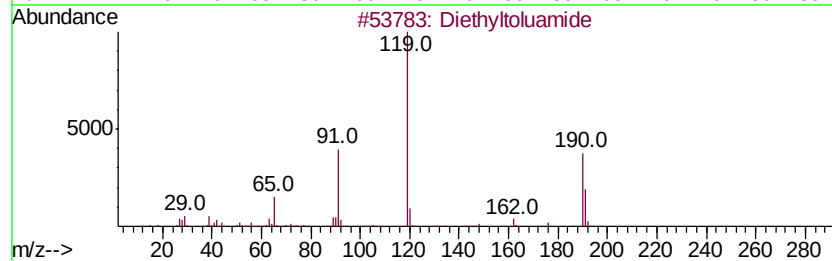
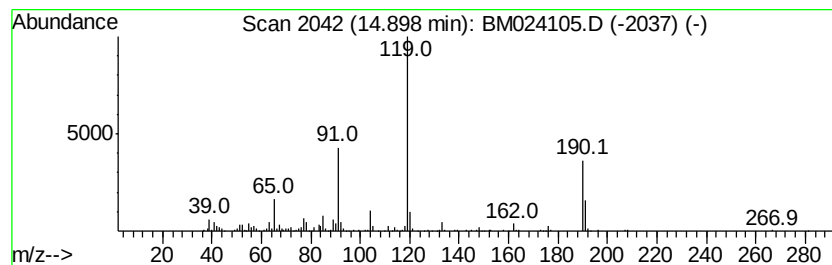
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Diethyltoluamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.75 ng/ul	460518	Acenaphthene-d10	14.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3 96
2	Diethyltoluamide	191	C12H17NO	000134-62-3 95
3	Diethyltoluamide	191	C12H17NO	000134-62-3 72
4	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4 70
5	Diethyltoluamide	191	C12H17NO	000134-62-3 58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024105.D
Acq On : 13 Dec 2019 23:12
Operator : JU
Sample : K6167-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQW7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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
Levomenthol	10.03	2.7	ng/ul	333265	2	10.24	2463770	20.0
unknown-01	10.65	26.3	ng/ul	3243680	2	10.24	2463770	20.0
Benzoic acid, 2,4...	14.22	9.1	ng/ul	1513210	3	14.13	3344960	20.0
Diethyltoluamide	14.90	2.8	ng/ul	460518	3	14.13	3344960	20.0