

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
 Data File : BM024106.D
 Acq On : 13 Dec 2019 23:48
 Operator : JU
 Sample : K6167-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFQW8

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	30	rBV	57998	80797	1.03%	0.097%
2	3.728	140	143	146	rVB2	16879	20571	0.26%	0.025%
3	4.034	190	195	199	rBV	18425	31332	0.40%	0.038%
4	4.716	308	311	316	rVB7	7003	11920	0.15%	0.014%
5	4.828	325	330	334	rVB5	13736	22839	0.29%	0.027%
6	5.140	378	383	385	rBV6	7346	12629	0.16%	0.015%
7	5.410	422	429	433	rBV8	7227	15143	0.19%	0.018%
8	5.504	442	445	450	rVB3	11619	15377	0.20%	0.018%
9	6.081	538	543	548	rVB9	10691	15945	0.20%	0.019%
10	6.169	552	558	565	rBV10	7111	20276	0.26%	0.024%
11	6.669	638	643	655	rVB	237960	437935	5.59%	0.526%
12	6.822	663	669	684	rBV	776614	1326458	16.93%	1.592%
13	7.010	694	701	715	rBV	892095	1495825	19.09%	1.795%
14	7.469	771	779	788	rBV	1105115	1811701	23.12%	2.174%
15	7.551	788	793	805	rVB	87287	171427	2.19%	0.206%
16	7.775	824	831	836	rBV2	61756	106311	1.36%	0.128%
17	7.828	838	840	845	rVB6	10578	13113	0.17%	0.016%
18	8.098	884	886	892	rBV7	5688	11269	0.14%	0.014%
19	8.192	896	902	912	rBV	748948	1245907	15.90%	1.495%
20	8.316	921	923	928	rVB5	8601	10652	0.14%	0.013%
21	8.569	962	966	968	rBV5	8549	12183	0.16%	0.015%
22	8.622	968	975	985	rVV	955579	1626573	20.76%	1.952%
23	8.969	1030	1034	1038	rVB7	6388	11048	0.14%	0.013%
24	9.016	1038	1042	1045	rBV3	23880	36078	0.46%	0.043%
25	9.057	1047	1049	1051	rVV3	15761	20219	0.26%	0.024%
26	9.098	1051	1056	1066	rVV	115183	196819	2.51%	0.236%
27	9.204	1070	1074	1081	rBV7	15191	31180	0.40%	0.037%
28	9.339	1090	1097	1108	rBV	784639	1363867	17.41%	1.637%
29	9.628	1140	1146	1149	rBV8	9885	21895	0.28%	0.026%
30	9.657	1149	1151	1158	rVB7	13637	20839	0.27%	0.025%
31	9.734	1158	1164	1169	rBV4	32107	58429	0.75%	0.070%
32	9.875	1182	1188	1205	rBV	1254258	2365848	30.20%	2.839%
33	10.034	1210	1215	1228	rBV2	118672	287931	3.67%	0.346%
34	10.233	1243	1249	1262	rBV	1544011	2649331	33.81%	3.179%

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35	10.339	1263	1267	1272	rVV2	52372	91683	1.17%	0.110%
36	10.404	1272	1278	1290	rVB	65761	144939	1.85%	0.174%
37	10.545	1295	1302	1309	rBV8	18792	43354	0.55%	0.052%
38	10.657	1312	1321	1337	rBV	3614762	5671705	72.39%	6.806%
39	10.810	1343	1347	1350	rBV3	8013	10811	0.14%	0.013%
40	10.857	1353	1355	1359	rVV3	7591	12496	0.16%	0.015%
41	10.904	1360	1363	1372	rVB3	22135	45612	0.58%	0.055%
42	11.051	1385	1388	1390	rBV4	14133	16093	0.21%	0.019%
43	11.104	1393	1397	1403	rVB5	24528	46356	0.59%	0.056%
44	11.169	1403	1408	1412	rVB7	12350	18562	0.24%	0.022%
45	11.216	1412	1416	1424	rBV10	10792	32217	0.41%	0.039%
46	11.463	1454	1458	1462	rBV6	12283	20744	0.26%	0.025%
47	11.504	1462	1465	1467	rVV4	13689	19111	0.24%	0.023%
48	11.533	1467	1470	1473	rVV5	17213	26011	0.33%	0.031%
49	11.575	1474	1477	1484	rVV5	14825	28252	0.36%	0.034%
50	11.663	1488	1492	1497	rVB8	10107	21925	0.28%	0.026%
51	11.751	1500	1507	1513	rBV5	25797	72954	0.93%	0.088%
52	11.816	1513	1518	1520	rVV2	23697	47496	0.61%	0.057%
53	11.839	1520	1522	1528	rVB5	27382	42789	0.55%	0.051%
54	11.951	1537	1541	1545	rBV5	21314	34874	0.45%	0.042%
55	12.004	1548	1550	1555	rVB5	8655	12468	0.16%	0.015%
56	12.080	1557	1563	1570	rBV6	15222	36333	0.46%	0.044%
57	12.475	1625	1630	1640	rBV	55653	117552	1.50%	0.141%
58	12.604	1646	1652	1660	rVB3	55572	96175	1.23%	0.115%
59	12.733	1669	1674	1680	rVB	63860	96280	1.23%	0.116%
60	12.974	1711	1715	1721	rBV7	14750	22535	0.29%	0.027%
61	13.045	1721	1727	1732	rBV	53492	94259	1.20%	0.113%
62	13.122	1736	1740	1745	rVV5	17928	31505	0.40%	0.038%
63	13.174	1748	1749	1755	rVB6	9113	10739	0.14%	0.013%
64	13.316	1769	1773	1775	rBV4	8756	10614	0.14%	0.013%
65	13.551	1807	1813	1818	rBV	2725966	3612980	46.11%	4.336%
66	13.598	1818	1821	1829	rVV	199878	286825	3.66%	0.344%
67	13.674	1831	1834	1836	rVV4	15397	22564	0.29%	0.027%
68	13.710	1836	1840	1845	rVB2	39580	65229	0.83%	0.078%
69	13.816	1852	1858	1872	rBV	2986319	4372366	55.81%	5.247%
70	13.951	1877	1881	1889	rVB	82000	135720	1.73%	0.163%
71	14.127	1904	1911	1918	rBV	2448566	3567223	45.53%	4.281%

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72	14.216	1923	1926	1934	rVB	72942	126509	1.61%	0.152%
73	14.386	1950	1955	1961	rBV	167537	344860	4.40%	0.414%
74	14.451	1962	1966	1978	rVB	143033	268473	3.43%	0.322%
75	14.680	2001	2005	2011	rBV7	40926	67720	0.86%	0.081%
76	14.904	2036	2043	2049	rBV3	230213	453660	5.79%	0.544%
77	14.974	2053	2055	2060	rVB3	30644	43398	0.55%	0.052%
78	15.127	2075	2081	2090	rBV	3896898	5630886	71.87%	6.757%
79	15.274	2101	2106	2116	rBV	1203143	1688337	21.55%	2.026%
80	15.368	2119	2122	2124	rVV2	46431	69654	0.89%	0.084%
81	15.404	2125	2128	2135	rVB	84331	134519	1.72%	0.161%
82	15.468	2137	2139	2142	rVB2	13497	11693	0.15%	0.014%
83	15.527	2142	2149	2158	rBV	2135911	2792679	35.64%	3.351%
84	15.721	2178	2182	2187	rVB2	92620	123021	1.57%	0.148%
85	15.774	2188	2191	2192	rBV3	20735	20468	0.26%	0.025%
86	15.845	2199	2203	2212	rVB3	33802	70314	0.90%	0.084%
87	16.151	2252	2255	2257	rBV4	13625	19847	0.25%	0.024%
88	16.292	2277	2279	2283	rVB5	18496	16574	0.21%	0.020%
89	16.668	2340	2343	2347	rBV5	37986	46017	0.59%	0.055%
90	16.880	2373	2379	2390	rBV	2850778	4020620	51.32%	4.825%
91	16.980	2390	2396	2411	rBV2	4344556	6280039	80.15%	7.536%
92	17.598	2498	2501	2508	rVB	57174	73010	0.93%	0.088%
93	17.809	2533	2537	2543	rBV3	187881	331052	4.23%	0.397%
94	18.192	2599	2602	2609	rVB2	45718	53656	0.68%	0.064%
95	18.921	2723	2726	2730	rBV	57089	82411	1.05%	0.099%
96	19.292	2783	2789	2797	rBV	5150475	7254060	92.58%	8.705%
97	20.833	3047	3051	3057	rBV2	798533	989202	12.63%	1.187%
98	21.092	3090	3095	3105	rBV	3747178	4795173	61.20%	5.754%
99	23.097	3430	3436	3442	rBV	4577991	7835028	100.00%	9.402%
100	23.233	3453	3459	3470	rVB	2798260	5069810	64.71%	6.084%

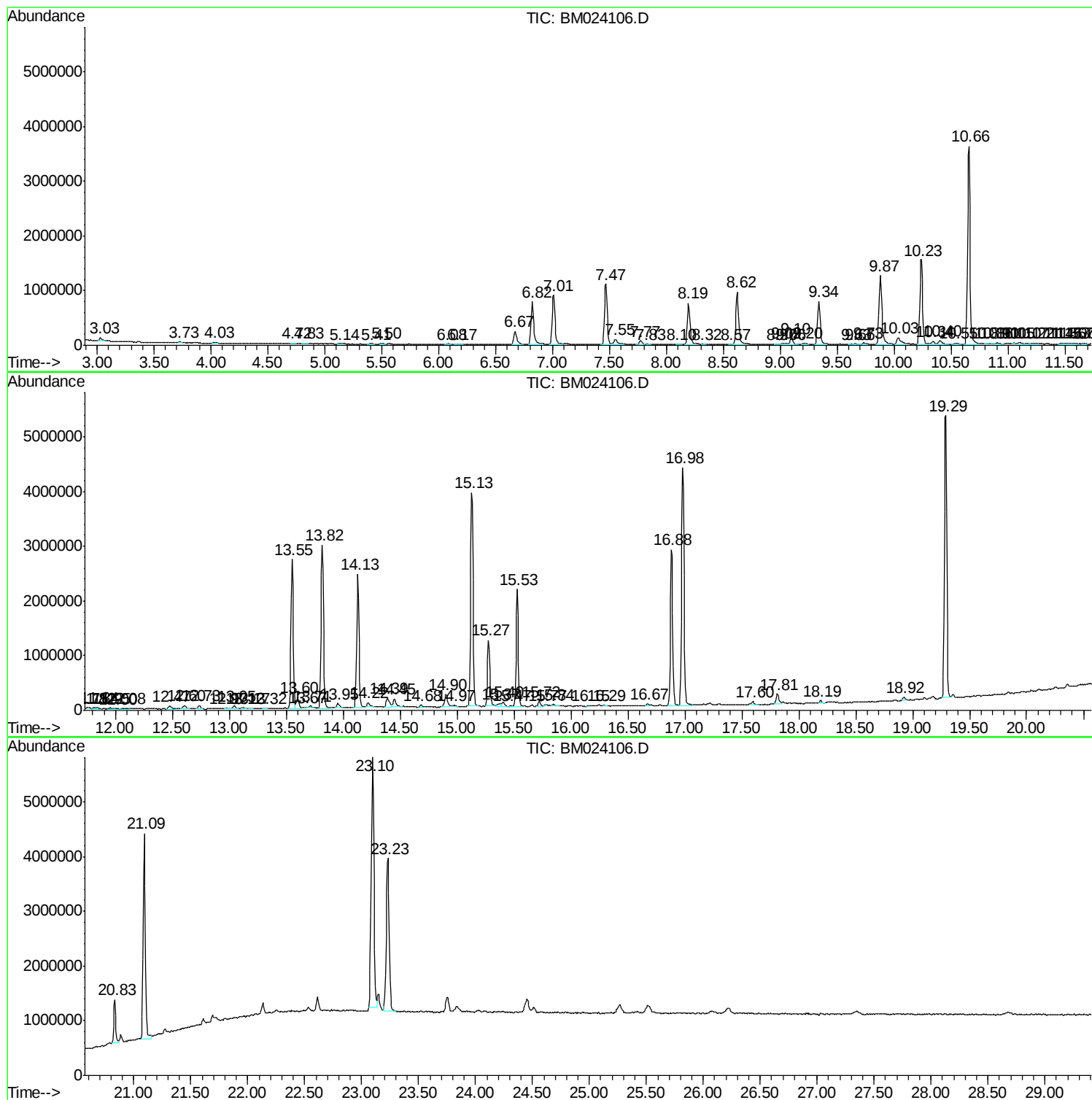
Sum of corrected areas: 83331708

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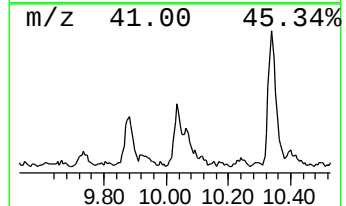
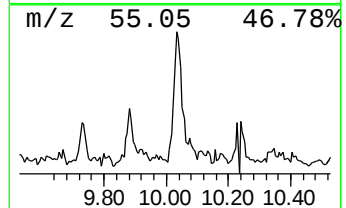
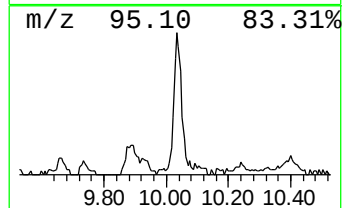
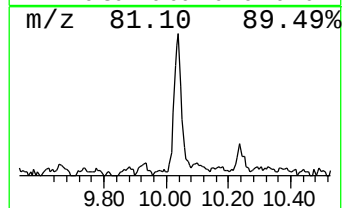
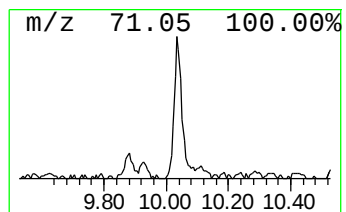
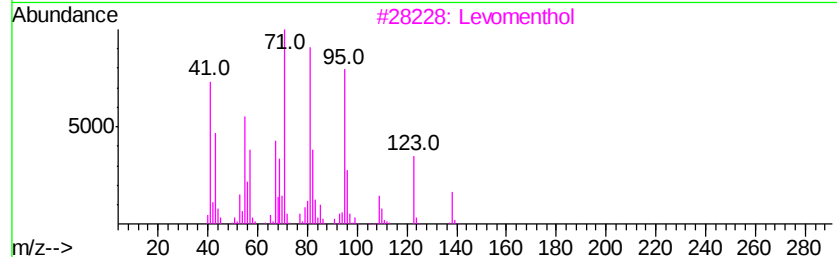
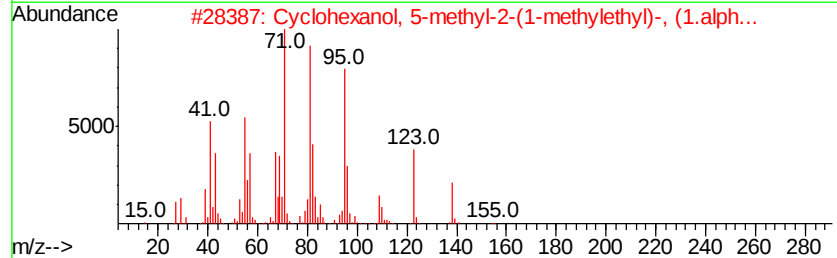
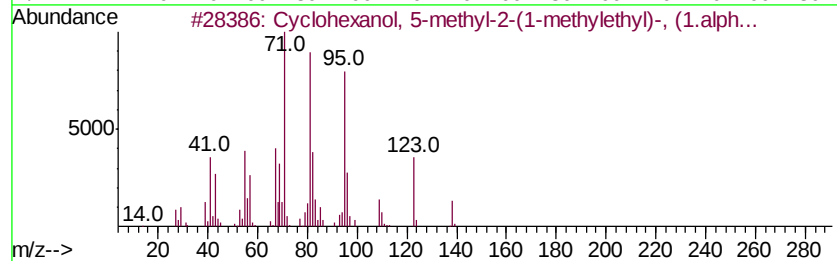
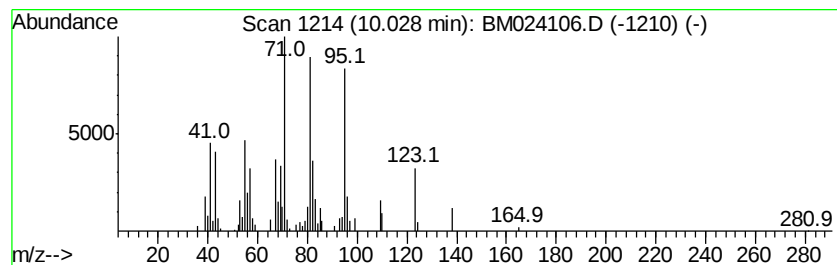
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.03	2.17 ng/ul	287931	Napthalene-d8	10.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	91
2	Cvclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	91
3	Levomenthol	156	C10H20O	002216-51-5	91
4	Cvclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	002216-52-6	90
5	Cvclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	87



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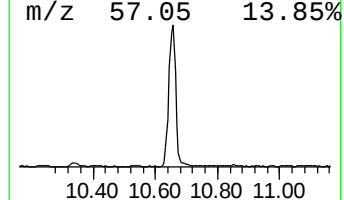
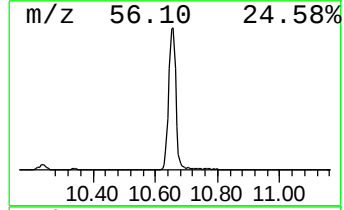
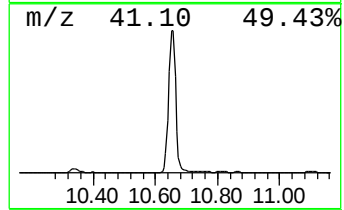
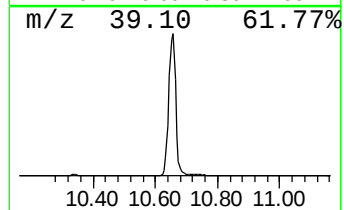
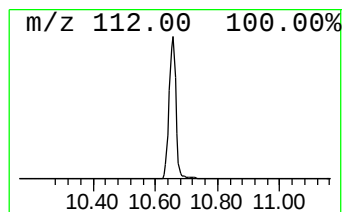
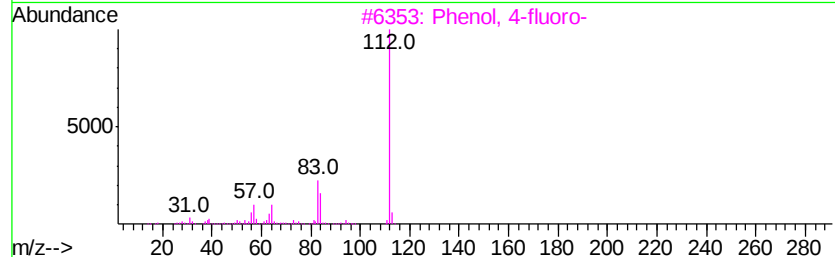
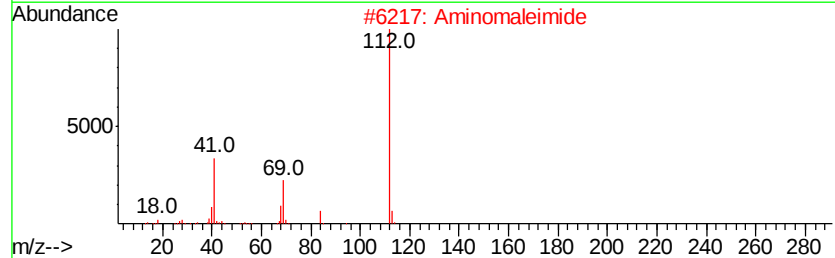
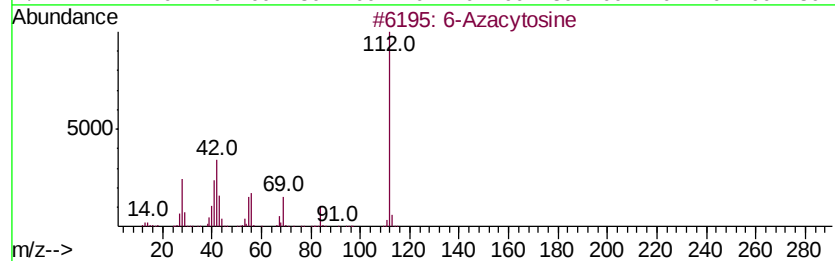
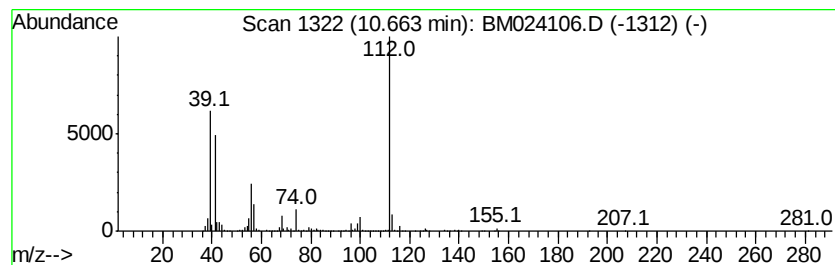
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.66	42.82 ng/ul	5671710	Naphthalene-d8	10.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Azacytosine	112	C3H4N4O	000931-85-1	43
2	Aminomaleimide	112	C4H4N2O2	037770-94-8	38
3	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	37
4	1,4-Cyclohexanedione	112	C6H8O2	000637-88-7	37
5	Emimycin	112	C4H4N2O2	003735-46-4	35



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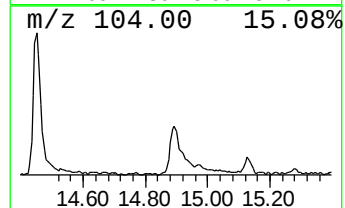
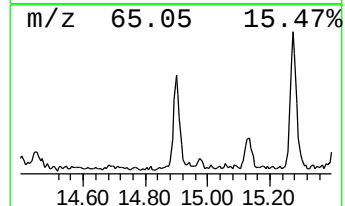
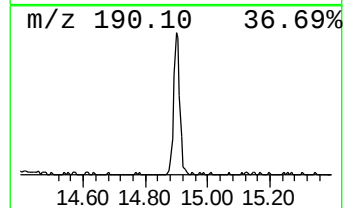
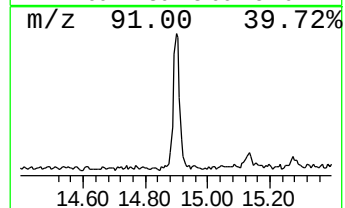
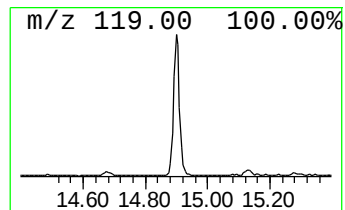
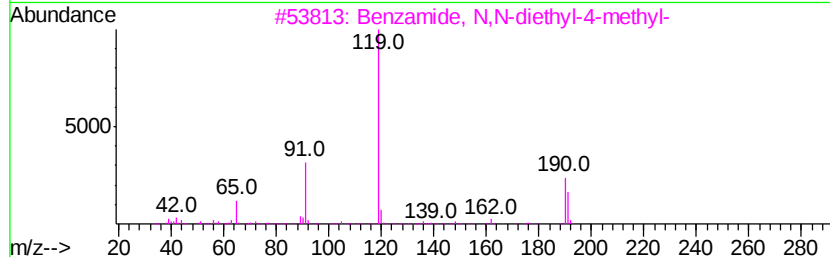
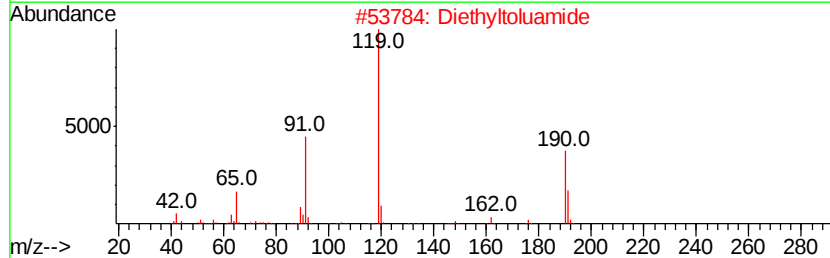
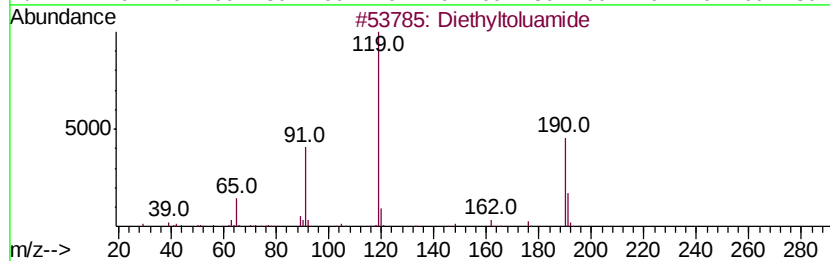
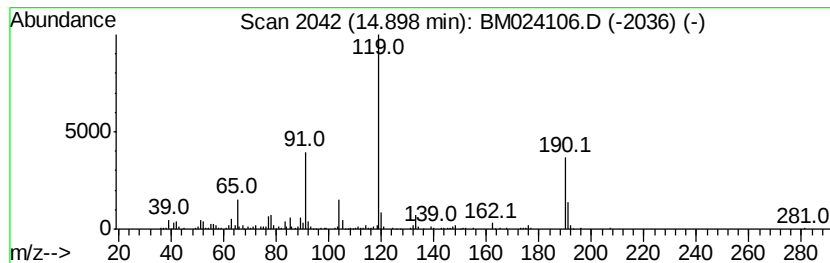
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Peak Number 3 Diethyltoluamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.54 ng/ul	453660	Acenaphthene-d10	14.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3 94
2	Diethyltoluamide	191	C12H17NO	000134-62-3 74
3	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4 58
4	4-Methylbenzoyl isothiocyante	177	C9H7NOS	016794-68-6 55
5	3-(4-Methylbenzoyl)acrylic acid	190	C11H10O3	020972-36-5 53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024106.D
Acq On : 13 Dec 2019 23:48
Operator : JU
Sample : K6167-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQW8

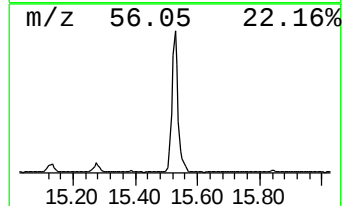
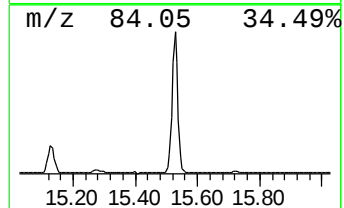
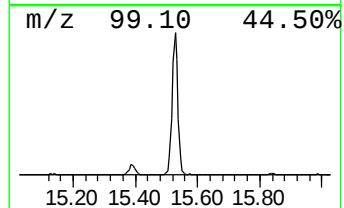
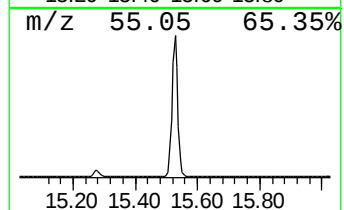
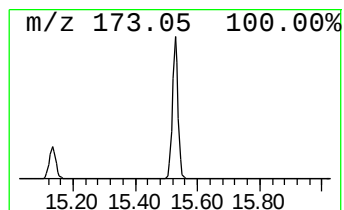
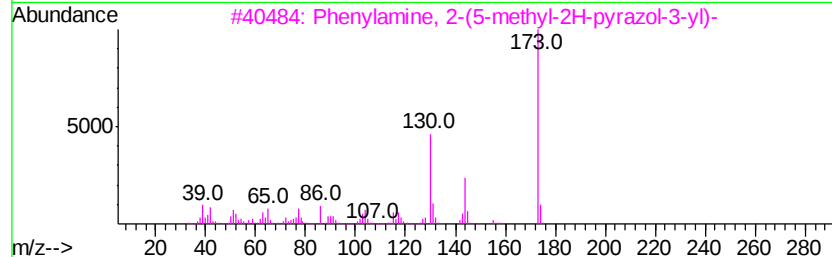
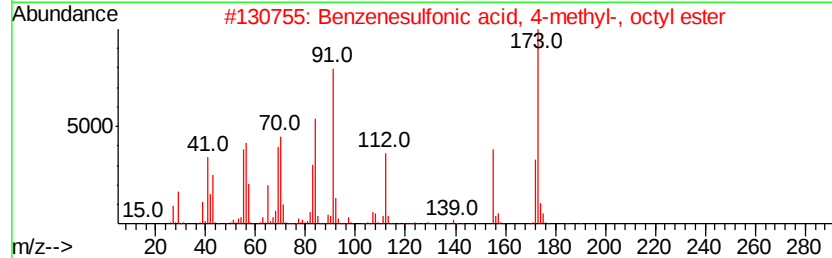
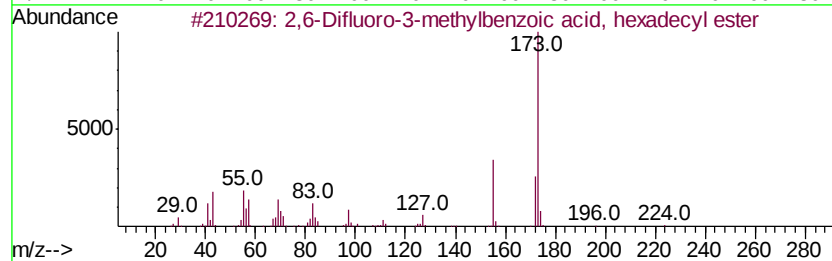
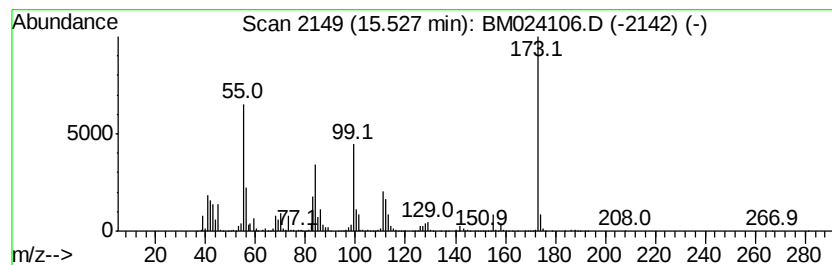
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	13.89 ng/ul	2792680	Phenanthrene-d10	16.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6-Difluoro-3-methylbenzoic aci...	396	C24H38F2O2	1000338-85-3	17
2		Benzenesulfonic acid, 4-methyl-,...	284	C15H24O3S	003386-35-4	13
3		Phenylamine, 2-(5-methyl-2H-pyra...	173	C10H11N3	1000309-95-3	12
4		2,6-Difluoro-3-methylbenzoic aci...	270	C15H20F2O2	1000338-84-4	12
5		Succinimide, N-methoxy-	129	C5H7NO3	005904-50-7	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024106.D
Acq On : 13 Dec 2019 23:48
Operator : JU
Sample : K6167-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQW8

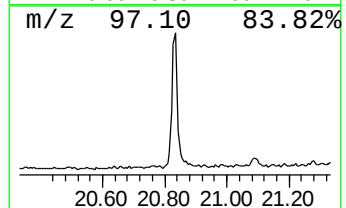
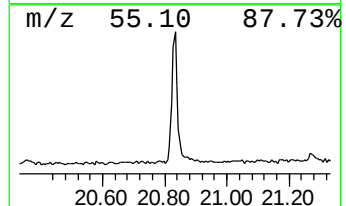
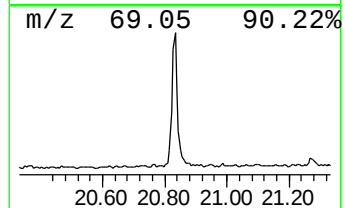
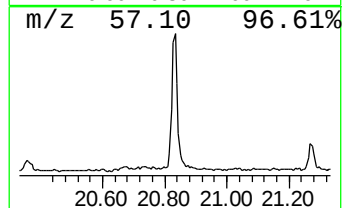
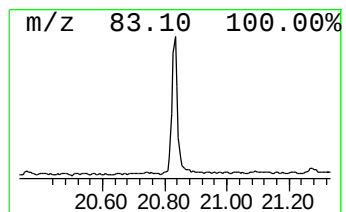
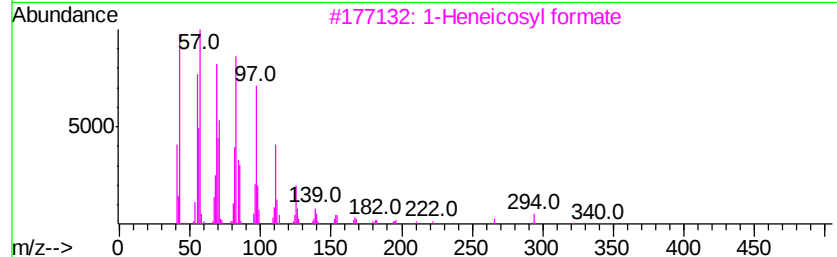
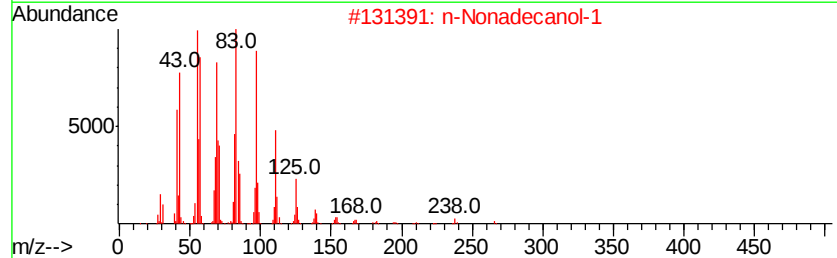
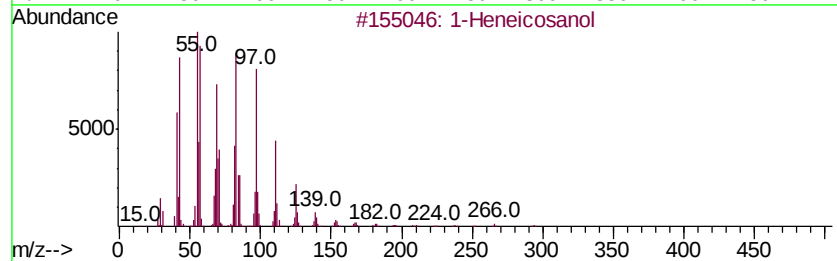
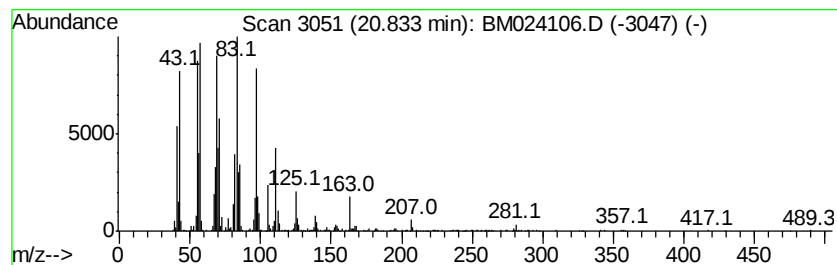
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	4.13 ng/ul	989202	Chrysene-d12	21.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosanol	312	C21H44O	015594-90-8	95
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4		Behenic alcohol	326	C22H46O	000661-19-8	94
5		9-Eicosene, (E)-	280	C20H40	074685-29-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
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Operator : JU
Sample : K6167-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQW8

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
Cyclohexanol, 5-m...	10.03	2.2	ng/ul	287931	2	10.23	2649330	20.0
unknown-01	10.66	42.8	ng/ul	5671710	2	10.23	2649330	20.0
Diethyltoluamide	14.90	2.5	ng/ul	453660	3	14.13	3567220	20.0
unknown-02	15.53	13.9	ng/ul	2792680	4	16.88	4020620	20.0
1-Heneicosanol	20.83	4.1	ng/ul	989202	5	21.09	4795170	20.0