

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
 Data File : BM023503.D
 Acq On : 31 Oct 2019 04:26
 Operator : JU
 Sample : K5487-12
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEJK7

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-BM102319MA.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	3.146	25	27	41	rVB2	112806	190665	1.78%	0.163%
2	4.293	219	222	231	rVB	128956	205101	1.91%	0.175%
3	4.963	332	336	347	rVB	277730	420632	3.92%	0.359%
4	5.099	355	359	364	rVB	92401	131406	1.22%	0.112%
5	6.793	642	647	660	rVB2	355793	704593	6.57%	0.602%
6	6.957	669	675	684	rBV	1102088	1776733	16.56%	1.518%
7	7.151	701	708	715	rBV	1281615	2018191	18.81%	1.724%
8	7.616	780	787	798	rBV	1905722	3199577	29.82%	2.733%
9	7.987	846	850	855	rVB	44100	69010	0.64%	0.059%
10	8.181	878	883	889	rBV	36512	59788	0.56%	0.051%
11	8.322	902	907	919	rVB	952340	1574329	14.67%	1.345%
12	8.598	948	954	962	rVB	217417	350709	3.27%	0.300%
13	8.763	971	982	993	rBV	1412505	2407344	22.44%	2.057%
14	8.945	1009	1013	1023	rVB2	47141	90432	0.84%	0.077%
15	9.228	1057	1061	1067	rVB5	26892	46873	0.44%	0.040%
16	9.375	1084	1086	1091	rVB5	13437	22978	0.21%	0.020%
17	9.481	1097	1104	1113	rBV	1137559	1880093	17.52%	1.606%
18	9.822	1154	1162	1170	rBV	68535	124926	1.16%	0.107%
19	10.022	1189	1196	1208	rBV	1643497	2850129	26.56%	2.435%
20	10.392	1251	1259	1266	rVV	2562846	4274401	39.84%	3.652%
21	10.463	1267	1271	1275	rVB7	18178	27878	0.26%	0.024%
22	10.534	1276	1283	1292	rVB2	69810	152392	1.42%	0.130%
23	11.428	1427	1435	1441	rBV6	18306	44509	0.41%	0.038%
24	11.751	1482	1490	1496	rBV	95651	177128	1.65%	0.151%
25	11.986	1526	1530	1538	rVB6	32427	65635	0.61%	0.056%
26	12.375	1591	1596	1600	rBV3	36056	56854	0.53%	0.049%
27	12.510	1614	1619	1624	rBV8	19709	40058	0.37%	0.034%
28	12.675	1641	1647	1653	rVB5	25463	45522	0.42%	0.039%
29	12.833	1665	1674	1682	rBV2	1648305	2792924	26.03%	2.386%
30	13.180	1729	1733	1735	rBV4	11608	17320	0.16%	0.015%
31	13.310	1751	1755	1762	rBV5	17990	31703	0.30%	0.027%
32	13.545	1791	1795	1802	rBV10	11296	22790	0.21%	0.019%
33	13.680	1812	1818	1823	rVV	3503178	5036734	46.94%	4.303%
34	13.727	1823	1826	1837	rVV	628861	877474	8.18%	0.750%

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35	13.822	1837	1842	1849	rVB	299435	397224	3.70%	0.339%
36	13.951	1857	1864	1873	rBV	3684831	5476490	51.04%	4.678%
37	14.045	1873	1880	1884	rBV	196926	304144	2.83%	0.260%
38	14.192	1902	1905	1909	rVB5	18672	24224	0.23%	0.021%
39	14.263	1909	1917	1922	rBV	3968899	5872246	54.73%	5.017%
40	14.310	1922	1925	1937	rVB	1448808	1917529	17.87%	1.638%
41	14.480	1948	1954	1959	rBV	253166	459023	4.28%	0.392%
42	14.533	1959	1963	1970	rVV	111312	192047	1.79%	0.164%
43	14.610	1970	1976	1984	rVV	99840	183080	1.71%	0.156%
44	14.716	1989	1994	1999	rVB2	95238	138035	1.29%	0.118%
45	14.810	2006	2010	2015	rVB2	39206	59291	0.55%	0.051%
46	14.939	2028	2032	2034	rBV4	17809	25282	0.24%	0.022%
47	15.021	2041	2046	2053	rVB	59638	90906	0.85%	0.078%
48	15.157	2064	2069	2076	rBV5	68715	113064	1.05%	0.097%
49	15.263	2080	2087	2093	rBV	4841619	7071710	65.91%	6.041%
50	15.386	2101	2108	2122	rBV	1387075	2090814	19.49%	1.786%
51	15.510	2122	2129	2131	rVV2	150379	263008	2.45%	0.225%
52	15.533	2131	2133	2137	rVV	140187	195821	1.83%	0.167%
53	15.569	2137	2139	2144	rVB2	81338	104153	0.97%	0.089%
54	15.663	2152	2155	2159	rVB	20021	26669	0.25%	0.023%
55	15.774	2168	2174	2180	rBV2	114293	189661	1.77%	0.162%
56	15.892	2190	2194	2198	rBV	76824	115821	1.08%	0.099%
57	15.945	2198	2203	2211	rVV	333993	519560	4.84%	0.444%
58	16.116	2227	2232	2236	rBV2	30828	46816	0.44%	0.040%
59	16.174	2237	2242	2243	rBV2	46475	63128	0.59%	0.054%
60	16.204	2244	2247	2251	rVB	87780	116275	1.08%	0.099%
61	16.286	2256	2261	2265	rBV2	61280	107303	1.00%	0.092%
62	16.368	2273	2275	2279	rVB5	23366	30514	0.28%	0.026%
63	16.427	2281	2285	2293	rVB7	39665	80833	0.75%	0.069%
64	16.498	2293	2297	2300	rBV	25783	43282	0.40%	0.037%
65	16.568	2305	2309	2314	rVB5	32748	53667	0.50%	0.046%
66	16.627	2314	2319	2326	rVB	85736	132297	1.23%	0.113%
67	16.745	2335	2339	2341	rBV3	32301	45755	0.43%	0.039%
68	16.892	2359	2364	2367	rBV5	22362	36260	0.34%	0.031%
69	17.010	2377	2384	2394	rBV2	4705750	6522380	60.79%	5.572%
70	17.110	2394	2401	2417	rBV	6100914	8503894	79.26%	7.265%
71	17.263	2423	2427	2436	rBV7	42945	97110	0.91%	0.083%

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72	17.386	2444	2448	2450	rBV3	32448	41799	0.39%	0.036%
73	17.498	2464	2467	2472	rBV7	21956	32525	0.30%	0.028%
74	17.563	2474	2478	2484	rVV3	65183	104528	0.97%	0.089%
75	17.686	2493	2499	2505	rBV	970684	1435298	13.38%	1.226%
76	17.845	2521	2526	2530	rBV3	79300	117689	1.10%	0.101%
77	17.927	2536	2540	2545	rBV2	166835	263399	2.45%	0.225%
78	18.051	2556	2561	2569	rVB	318406	474333	4.42%	0.405%
79	18.157	2574	2579	2581	rBV	271766	381578	3.56%	0.326%
80	18.204	2581	2587	2596	rVB	478777	850823	7.93%	0.727%
81	18.474	2629	2633	2640	rVB2	90287	144894	1.35%	0.124%
82	18.745	2676	2679	2685	rVB3	88406	124370	1.16%	0.106%
83	18.992	2716	2721	2726	rBV	137270	221109	2.06%	0.189%
84	19.045	2726	2730	2738	rVB	78577	125031	1.17%	0.107%
85	19.157	2745	2749	2755	rVB	359298	399873	3.73%	0.342%
86	19.215	2756	2759	2763	rBV5	64119	84082	0.78%	0.072%
87	19.298	2769	2773	2777	rBV2	61954	102702	0.96%	0.088%
88	19.409	2786	2792	2798	rBV	7523069	9967888	92.90%	8.515%
89	19.462	2798	2801	2808	rVB	215439	299186	2.79%	0.256%
90	19.627	2826	2829	2832	rBV2	59293	70812	0.66%	0.060%
91	19.709	2839	2843	2847	rBV	77040	103589	0.97%	0.088%
92	19.821	2858	2862	2866	rBV2	155242	232748	2.17%	0.199%
93	19.862	2866	2869	2876	rVB	164221	243632	2.27%	0.208%
94	20.151	2915	2918	2923	rVB3	91456	112802	1.05%	0.096%
95	20.468	2969	2972	2977	rBV3	148829	168629	1.57%	0.144%
96	20.586	2989	2992	2995	rBV4	159356	186408	1.74%	0.159%
97	20.945	3050	3053	3060	rBV2	438167	618117	5.76%	0.528%
98	21.203	3092	3097	3106	rBV	6245537	7834519	73.02%	6.693%
99	23.256	3440	3446	3453	rBV	6089770	10729638	100.00%	9.166%
100	23.397	3464	3470	3483	rVB	4327402	8089851	75.40%	6.911%

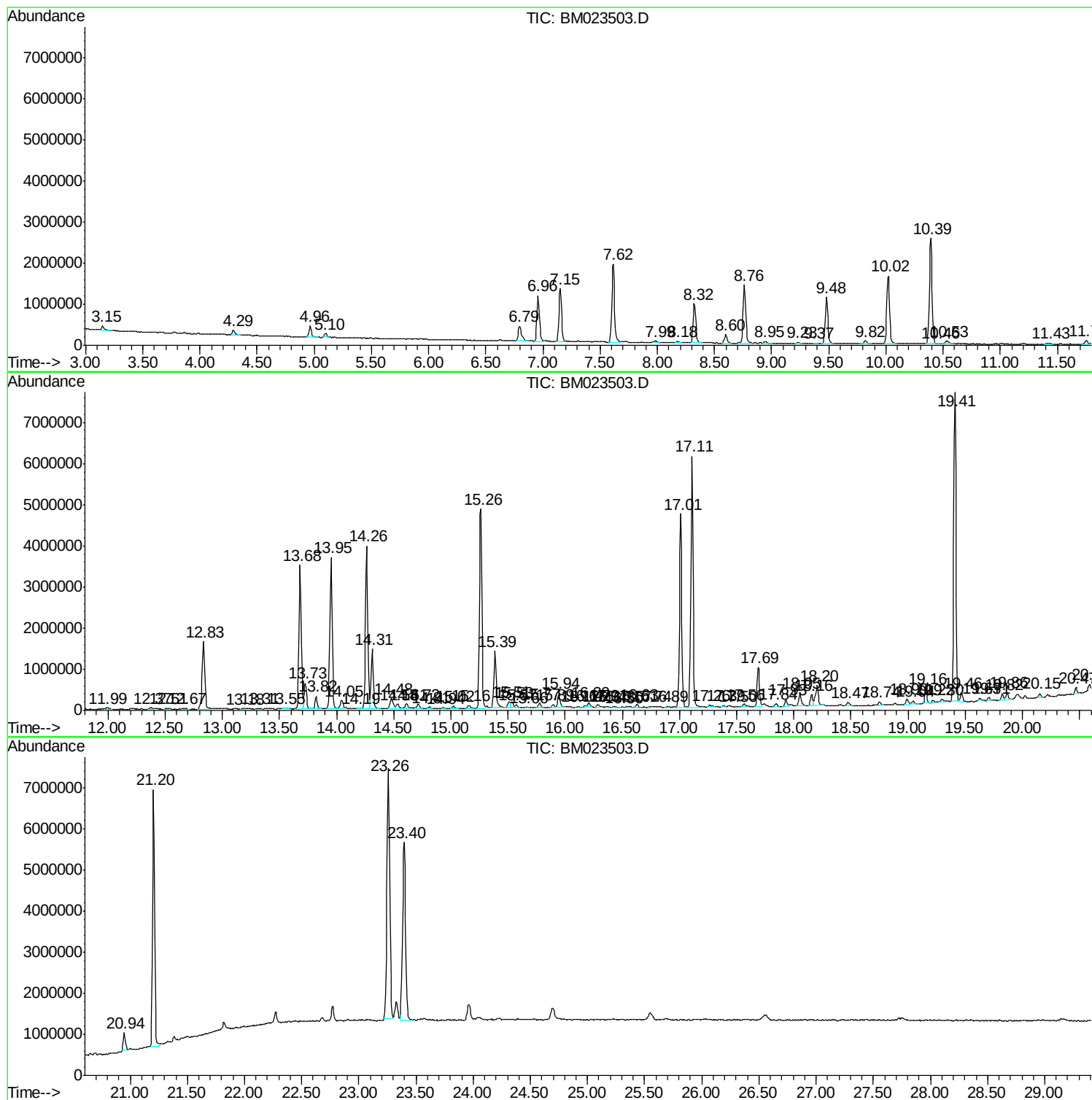
Sum of corrected areas: 117057999

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



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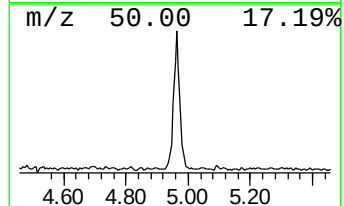
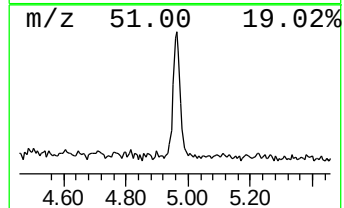
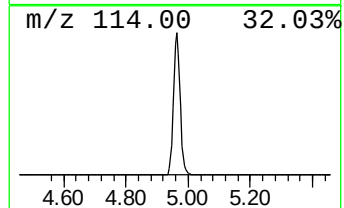
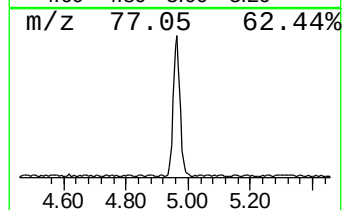
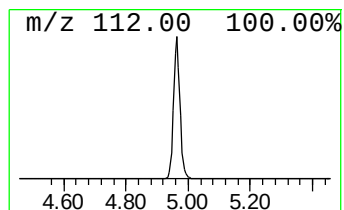
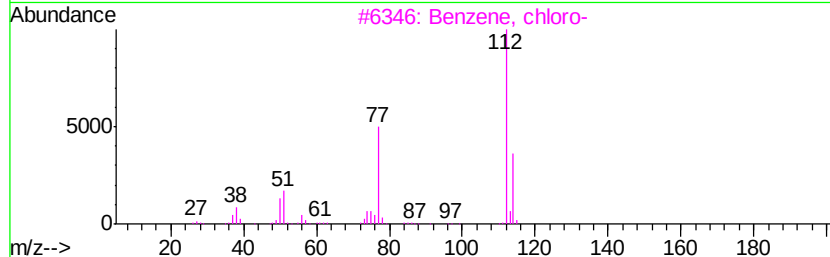
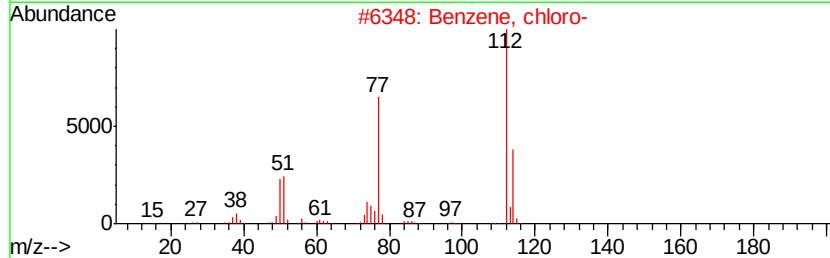
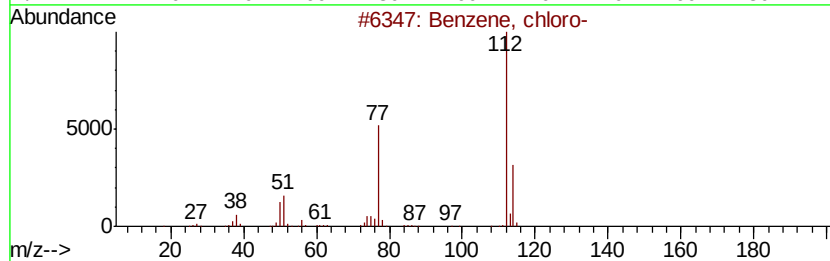
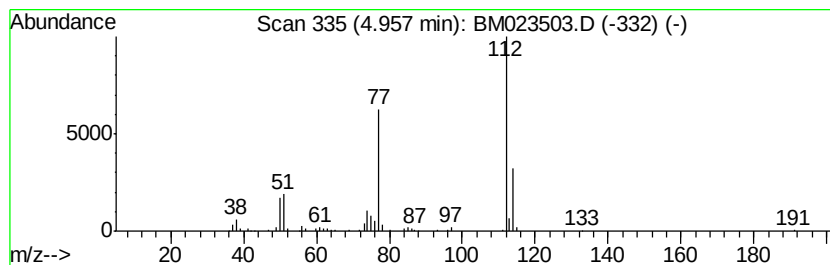
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	2.63 ng/ul	420632	1,4-Dichlorobenzene-d4	7.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, chloro-	112	C6H5Cl	000108-90-7	93
2			Benzene, chloro-	112	C6H5Cl	000108-90-7	93
3			Benzene, chloro-	112	C6H5Cl	000108-90-7	91
4			Benzene, chloro-	112	C6H5Cl	000108-90-7	91
5			Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	35



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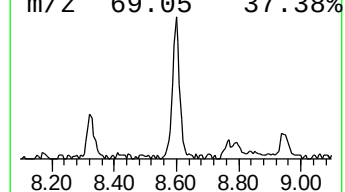
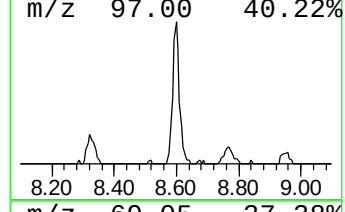
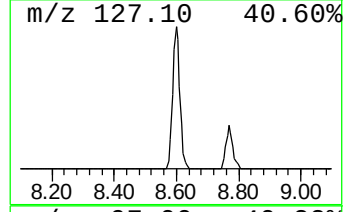
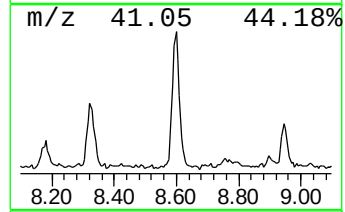
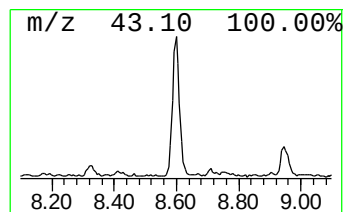
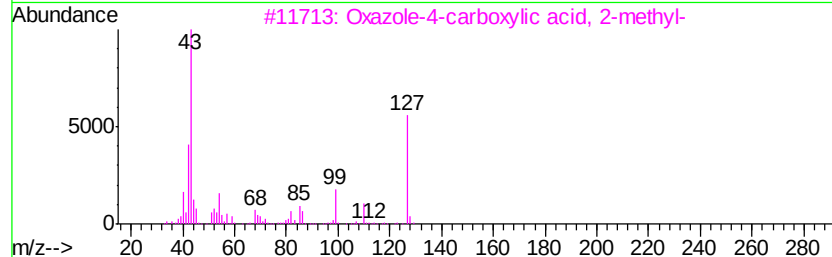
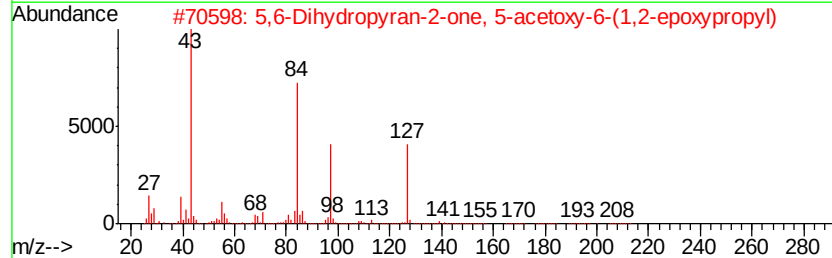
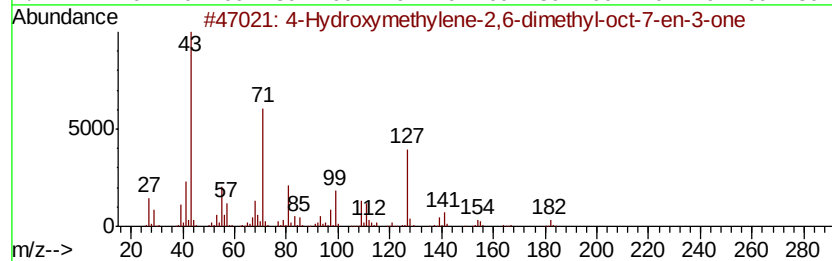
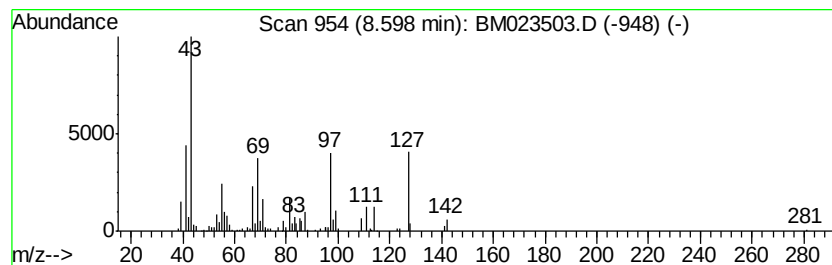
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	2.19 ng/ul	350709	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Hydroxymethylene-2,6-dimethyl-...	182	C11H18O2	1000186-81-5	25
2		5,6-Dihydropyran-2-one, 5-acetox...	212	C10H12O5	069651-04-3	25
3		Oxazole-4-carboxylic acid, 2-met...	127	C5H5N03	023012-17-1	22
4		N-Acetylpyrrolidone	127	C6H9N02	000932-17-2	22
5		Urea, N-(2-chlorophenyl)-N'-methyl-	184	C8H9ClN2O	015500-96-6	17



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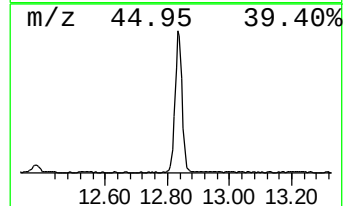
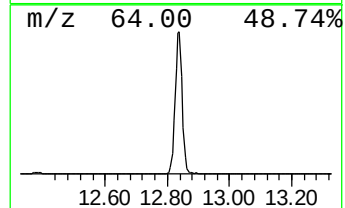
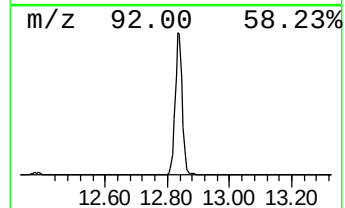
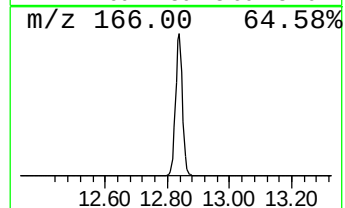
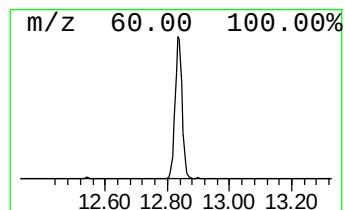
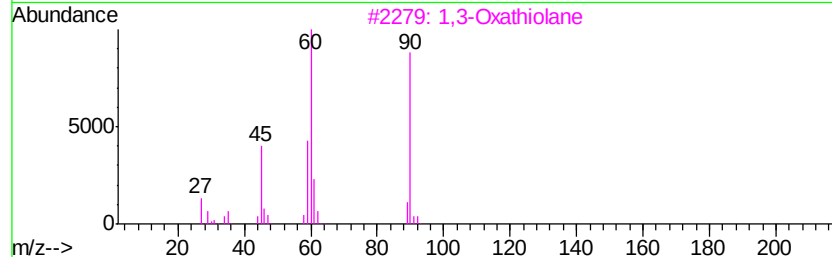
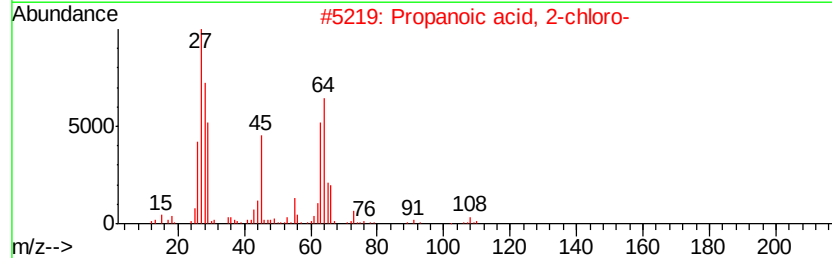
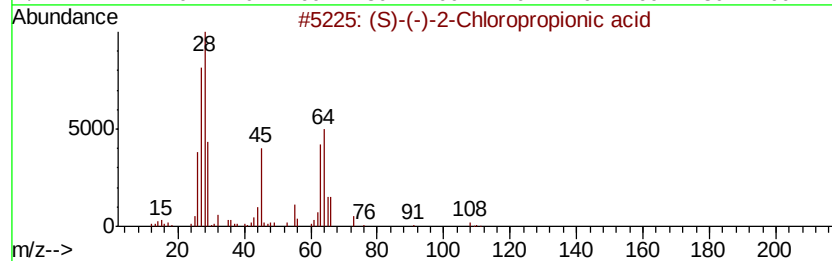
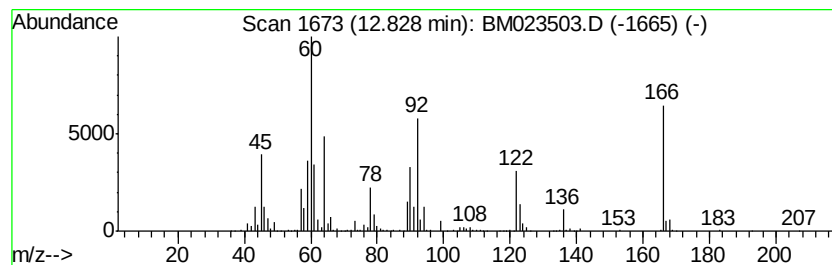
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Peak Number 3 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	9.51 ng/ul	2792920	Acenaphthene-d10	14.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	(S)-(-)-2-Chloropropionic acid	108 C3H5ClO2	029617-66-1	38
2	Propanoic acid, 2-chloro-	108 C3H5ClO2	000598-78-7	27
3	1,3-Oxathiolane	90 C3H6OS	002094-97-5	16
4	3,5-Dimethyl-[1,2]dithiolane 1,1...	166 C5H10O2S2	1000185-07-5	16
5	2-Methyl-1,3-oxathiolane	104 C4H8OS	017642-74-9	12



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023503.D
Acq On : 31 Oct 2019 04:26
Operator : JU
Sample : K5487-12
Misc :
ALS Vial : 69 Sample Multiplier: 1

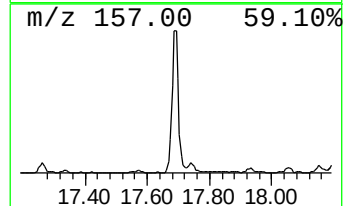
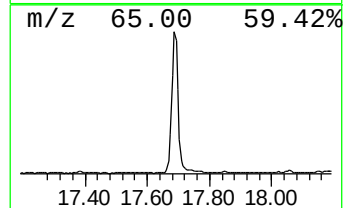
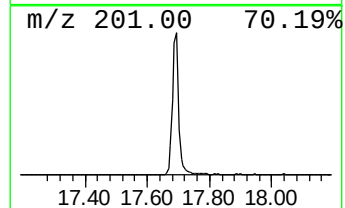
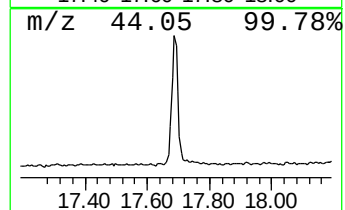
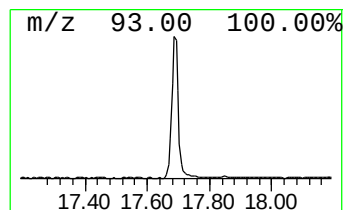
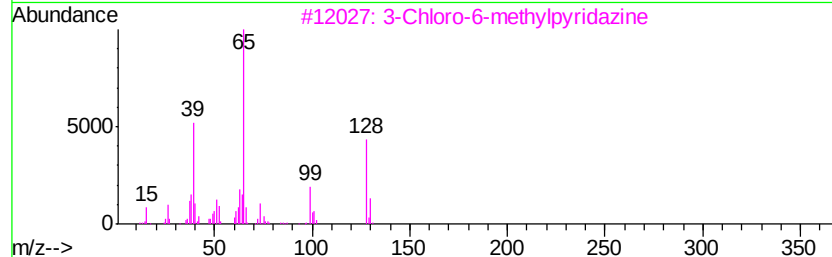
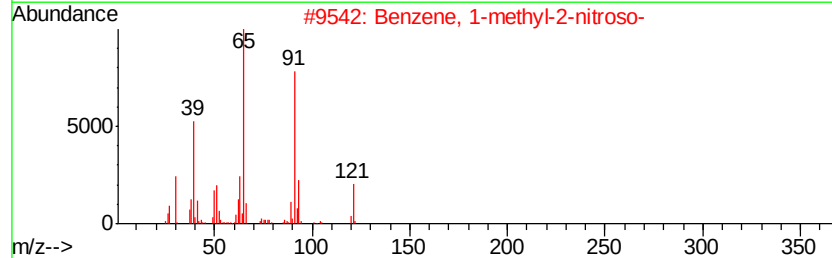
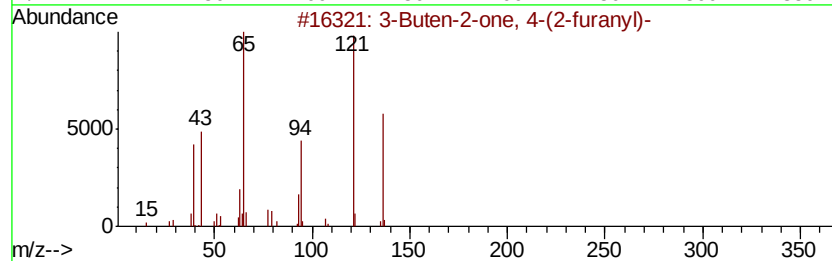
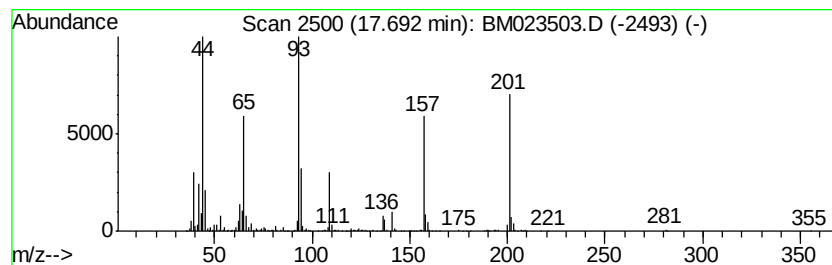
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.69	4.40 ng/ul	1435300	Phenanthrene-d10	17.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-(2-furanvl)-	136	C8H8O2	000623-15-4	27
2	Benzene, 1-methyl-2-nitroso-	121	C7H7NO	000611-23-4	12
3	3-Chloro-6-methylpyridazine	128	C5H5ClN2	001121-79-5	12
4	m-Nitroaniline	138	C6H6N2O2	000099-09-2	10
5	2,2'-Azoxybis[3-methylpyridine]	228	C12H12N4O	1000213-16-2	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023503.D
Acq On : 31 Oct 2019 04:26
Operator : JU
Sample : K5487-12
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEJK7

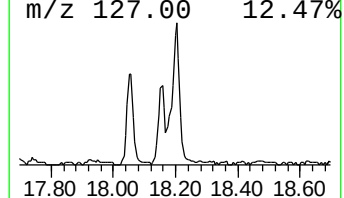
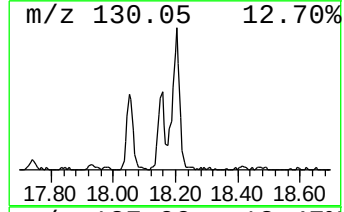
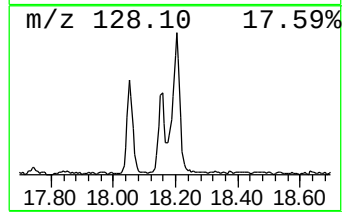
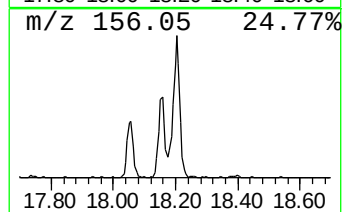
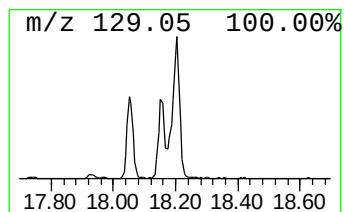
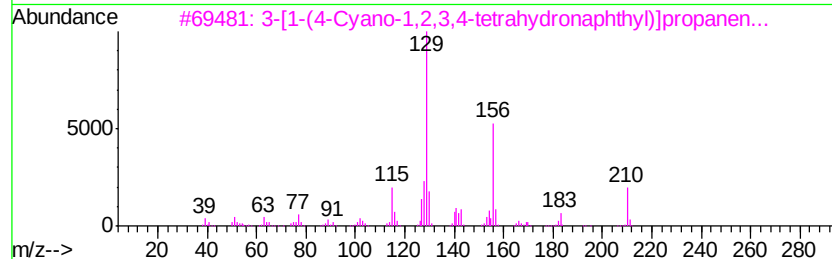
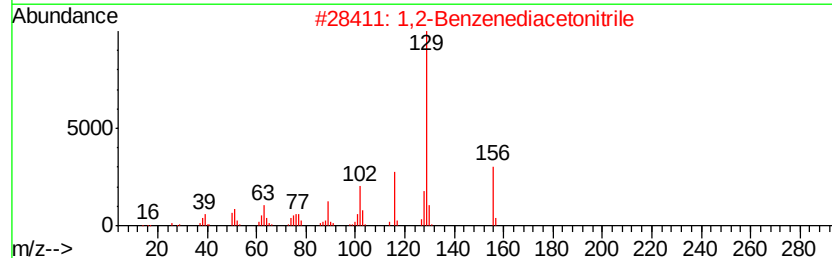
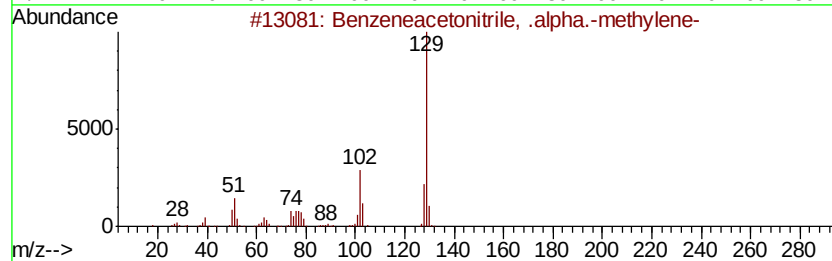
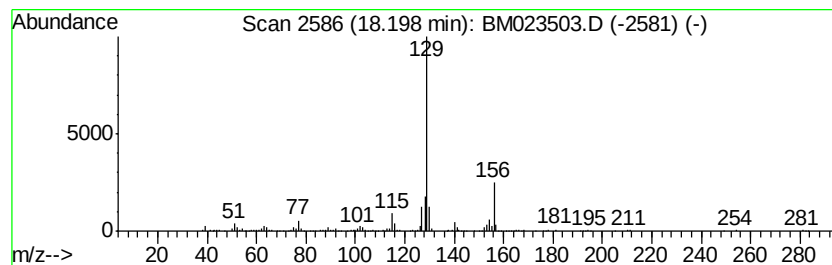
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzeneacetonitrile, .alpha... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	2.61 ng/ul	850823	Phenanthrene-d10	17.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	50
2		1,2-Benzenediacetonitrile	156	C10H8N2	000613-73-0	45
3		3-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-40-6	45
4		4,5-Dimethylthiazole S-oxide	129	C5H7NOS	1000112-53-4	43
5		2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102919\
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Sample : K5487-12
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEJK7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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
Benzene, chloro-	4.96	2.6	ng/ul	420632	1	7.62	3199580	20.0
unknown-01	8.60	2.2	ng/ul	350709	1	7.62	3199580	20.0
unknown-02	12.83	9.5	ng/ul	2792920	3	14.26	5872250	20.0
unknown-03	17.69	4.4	ng/ul	1435300	4	17.01	6522380	20.0
Benzeneacetoneitri...	18.20	2.6	ng/ul	850823	4	17.01	6522380	20.0