

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047657.D
 Acq On : 8 Dec 2020 20:55
 Operator : CG/JU
 Sample : L4921-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0FW1

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	3.538	30	34	40	rBV4	6087	11999	1.06%	0.125%
2	3.655	53	54	58	rBV2	1797	2197	0.19%	0.023%
3	3.820	80	82	86	rVB	2587	2582	0.23%	0.027%
4	4.013	113	115	119	rBV	1868	2700	0.24%	0.028%
5	4.636	218	221	223	rBV	2007	2445	0.22%	0.025%
6	5.488	361	366	372	rBV2	12071	20269	1.78%	0.211%
7	6.881	601	603	607	rBV2	2211	2295	0.20%	0.024%
8	7.351	673	683	691	rBV4	25170	52594	4.63%	0.548%
9	7.527	706	713	722	rVB2	66742	116427	10.25%	1.212%
10	7.738	741	749	754	rBV	100867	171465	15.09%	1.785%
11	7.785	754	757	762	rVV2	24705	38752	3.41%	0.403%
12	7.844	766	767	770	rVB	3067	2717	0.24%	0.028%
13	7.991	787	792	793	rBV	1768	2545	0.22%	0.026%
14	8.103	806	811	813	rBV2	4737	6826	0.60%	0.071%
15	8.214	824	830	843	rVB	90440	171924	15.13%	1.790%
16	8.573	883	891	899	rBV	98551	173357	15.26%	1.805%
17	8.908	939	948	956	rBV2	68019	121373	10.68%	1.264%
18	9.384	1020	1029	1033	rBV	116471	223012	19.63%	2.322%
19	9.425	1033	1036	1043	rVB	100515	158597	13.96%	1.651%
20	9.789	1090	1098	1103	rBV2	7453	13712	1.21%	0.143%
21	10.112	1145	1153	1163	rBV2	111058	217525	19.15%	2.265%
22	10.653	1238	1245	1252	rBV	145534	260591	22.94%	2.713%
23	10.800	1268	1270	1273	rBV	1879	2387	0.21%	0.025%
24	10.899	1280	1287	1295	rVB2	38340	65220	5.74%	0.679%
25	11.041	1304	1311	1319	rVB2	108846	204466	18.00%	2.129%
26	11.170	1326	1333	1338	rBV3	9256	15836	1.39%	0.165%
27	11.422	1369	1376	1382	rBV4	28070	52283	4.60%	0.544%
28	11.634	1406	1412	1419	rVB3	54340	100247	8.82%	1.044%
29	11.840	1443	1447	1457	rVB4	18955	33285	2.93%	0.347%
30	12.274	1516	1521	1525	rBV2	3596	5149	0.45%	0.054%
31	12.310	1525	1527	1528	rBV	3733	2859	0.25%	0.030%
32	12.398	1538	1542	1544	rBV	1466	2082	0.18%	0.022%
33	12.433	1544	1548	1551	rVB	1491	2155	0.19%	0.022%
34	12.609	1573	1578	1580	rBV2	3292	3759	0.33%	0.039%

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Integrator: RTE
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35	12.833	1613	1616	1620	rBV2	2297	3732	0.33%	0.039%
36	12.979	1638	1641	1648	rBV4	9647	16118	1.42%	0.168%
37	13.044	1648	1652	1655	rBV2	1429	2219	0.20%	0.023%
38	13.261	1685	1689	1692	rBV	2620	3863	0.34%	0.040%
39	13.408	1713	1714	1719	rVB	2558	2575	0.23%	0.027%
40	13.567	1736	1741	1745	rBV	1606	2869	0.25%	0.030%
41	13.637	1748	1753	1759	rVV4	21984	35630	3.14%	0.371%
42	13.790	1775	1779	1782	rBV4	1884	2738	0.24%	0.029%
43	13.820	1782	1784	1786	rVV4	2837	3427	0.30%	0.036%
44	13.837	1786	1787	1793	rVB2	7460	7805	0.69%	0.081%
45	14.225	1843	1853	1859	rBV	328850	484114	42.61%	5.040%
46	14.272	1859	1861	1867	rVV3	15455	21272	1.87%	0.221%
47	14.348	1870	1874	1876	rVB3	2788	2714	0.24%	0.028%
48	14.531	1898	1905	1912	rVV	326552	492175	43.32%	5.124%
49	14.836	1948	1957	1963	rBV2	194226	304862	26.83%	3.174%
50	14.901	1964	1968	1969	rVB2	2013	2199	0.19%	0.023%
51	15.001	1978	1985	1995	rBV2	42144	74038	6.52%	0.771%
52	15.283	2027	2033	2035	rBV2	1888	3414	0.30%	0.036%
53	15.565	2079	2081	2085	rVB2	2915	3208	0.28%	0.033%
54	15.782	2115	2118	2119	rBV	2635	2870	0.25%	0.030%
55	15.823	2119	2125	2132	rVV	437029	655732	57.71%	6.827%
56	15.923	2136	2142	2152	rVV	212910	313355	27.58%	3.262%
57	16.058	2159	2165	2166	rBV	6408	5612	0.49%	0.058%
58	16.287	2200	2204	2207	rBV	2304	3493	0.31%	0.036%
59	16.387	2219	2221	2223	rBV	3111	3213	0.28%	0.033%
60	16.481	2234	2237	2240	rBV	2654	3950	0.35%	0.041%
61	16.599	2254	2257	2258	rBV	2510	2631	0.23%	0.027%
62	16.781	2283	2288	2295	rVV3	7579	11778	1.04%	0.123%
63	16.951	2314	2317	2320	rBV3	2326	2972	0.26%	0.031%
64	17.110	2341	2344	2345	rVV3	3774	3569	0.31%	0.037%
65	17.216	2357	2362	2364	rBV	2346	2919	0.26%	0.030%
66	17.351	2384	2385	2389	rVV	2949	3121	0.27%	0.032%
67	17.509	2411	2412	2416	rBV	2627	3232	0.28%	0.034%
68	17.568	2416	2422	2430	rVV	273433	428313	37.70%	4.459%
69	17.668	2433	2439	2446	rVV	586711	873740	76.90%	9.097%
70	17.791	2457	2460	2463	rBV	2531	3264	0.29%	0.034%
71	17.932	2481	2484	2487	rBV2	1646	2237	0.20%	0.023%

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72	18.097	2508	2512	2515	rVB	2402	3581	0.32%	0.037%
73	18.156	2520	2522	2525	rBV	2388	2415	0.21%	0.025%
74	18.426	2566	2568	2572	rBV	3692	3191	0.28%	0.033%
75	18.526	2581	2585	2591	rVB2	3808	6959	0.61%	0.072%
76	18.925	2645	2653	2662	rBV2	138232	199657	17.57%	2.079%
77	19.049	2671	2674	2680	rVB3	6837	12963	1.14%	0.135%
78	19.090	2680	2681	2684	rBV	2818	2652	0.23%	0.028%
79	19.143	2684	2690	2692	rBV2	3526	4900	0.43%	0.051%
80	19.160	2692	2693	2695	rBV	3527	2636	0.23%	0.027%
81	19.219	2698	2703	2705	rBV4	3861	4800	0.42%	0.050%
82	19.254	2705	2709	2712	rVB3	4343	4910	0.43%	0.051%
83	19.448	2739	2742	2744	rBV3	3616	3637	0.32%	0.038%
84	19.548	2756	2759	2760	rBV2	4272	3851	0.34%	0.040%
85	19.572	2760	2763	2769	rVV3	9024	14895	1.31%	0.155%
86	19.642	2773	2775	2776	rBV	2737	2171	0.19%	0.023%
87	19.701	2784	2785	2787	rBV2	3064	2752	0.24%	0.029%
88	19.760	2793	2795	2797	rBV2	3248	3273	0.29%	0.034%
89	19.830	2803	2807	2813	rVB3	9696	13602	1.20%	0.142%
90	19.942	2817	2826	2834	rBV	764880	1136161	100.00%	11.829%
91	20.153	2860	2862	2865	rBV3	3242	2846	0.25%	0.030%
92	20.377	2898	2900	2901	rBV2	3940	2254	0.20%	0.023%
93	20.753	2957	2964	2966	rBV9	6652	15557	1.37%	0.162%
94	21.458	3081	3084	3089	rVB4	25780	32188	2.83%	0.335%
95	21.845	3144	3150	3160	rVB2	291544	503300	44.30%	5.240%
96	24.213	3551	3553	3554	rBV2	8678	5317	0.47%	0.055%
97	24.977	3673	3683	3696	rVB	335344	1011988	89.07%	10.536%
98	25.212	3711	3723	3735	rBV	162906	527075	46.39%	5.488%
99	26.393	3922	3924	3925	rBV2	8536	7480	0.66%	0.078%
100	29.519	4454	4456	4458	rBV3	7812	7233	0.64%	0.075%

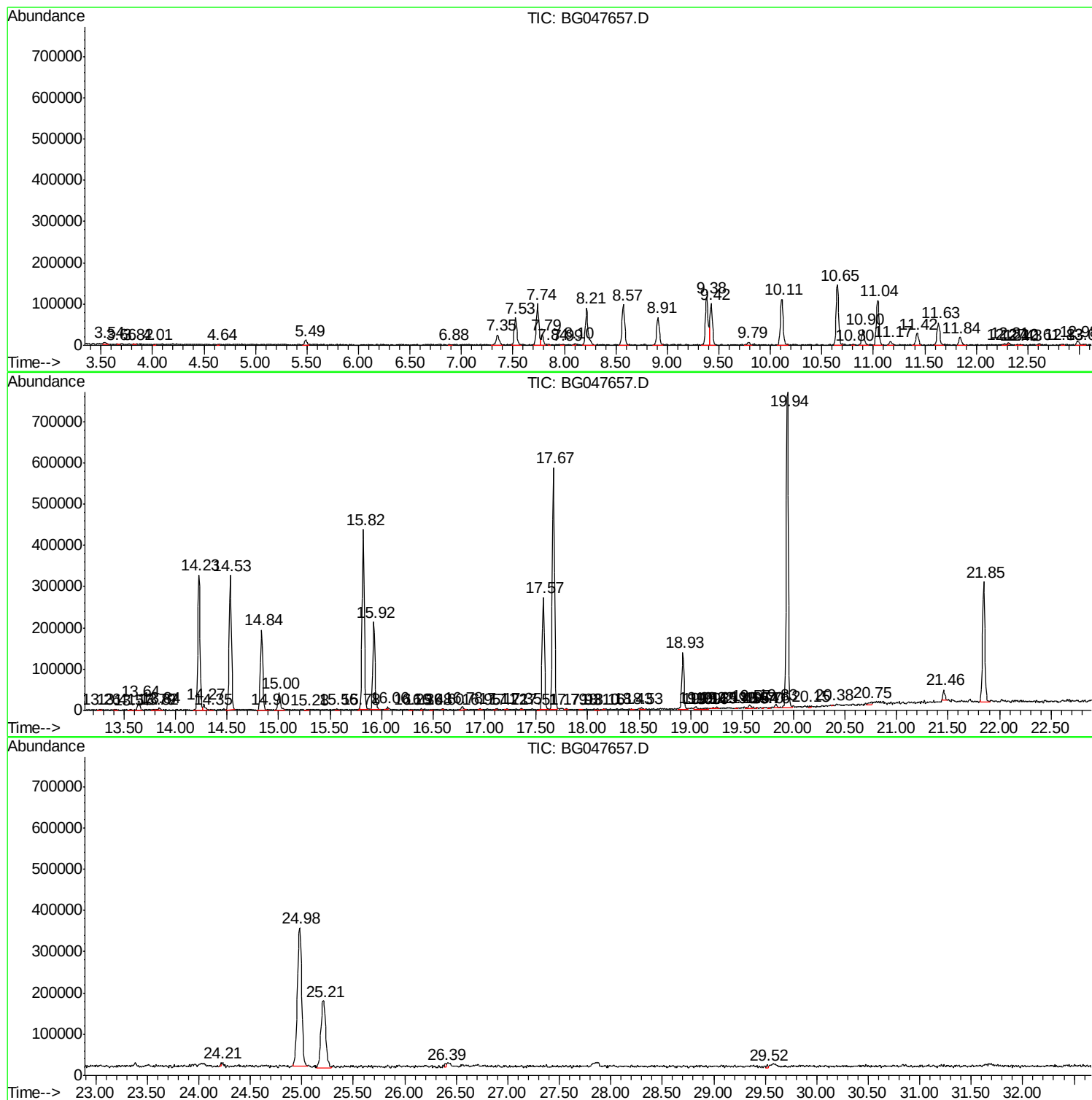
Sum of corrected areas: 9604849

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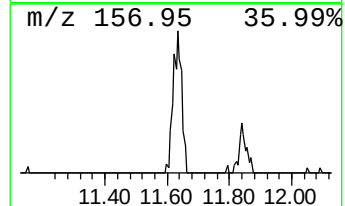
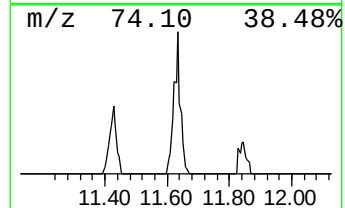
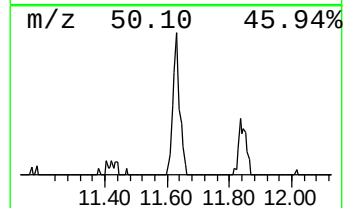
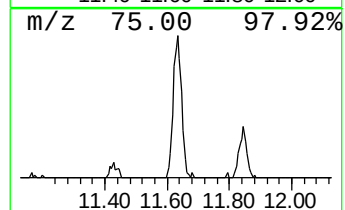
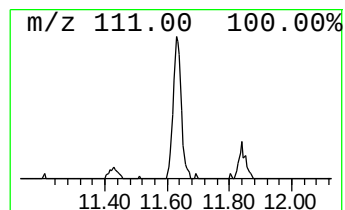
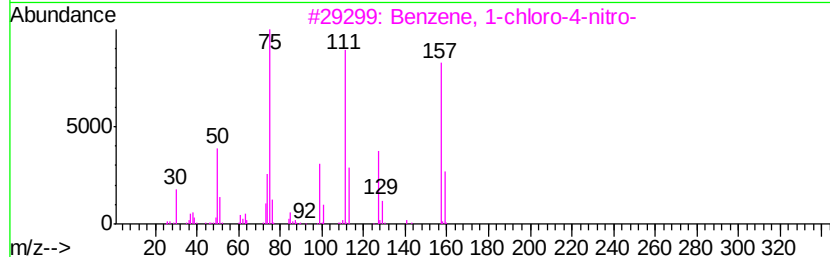
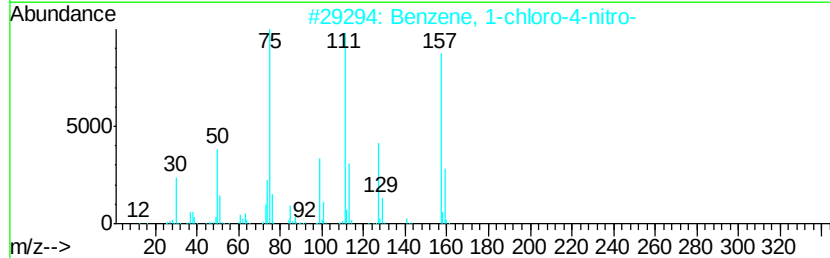
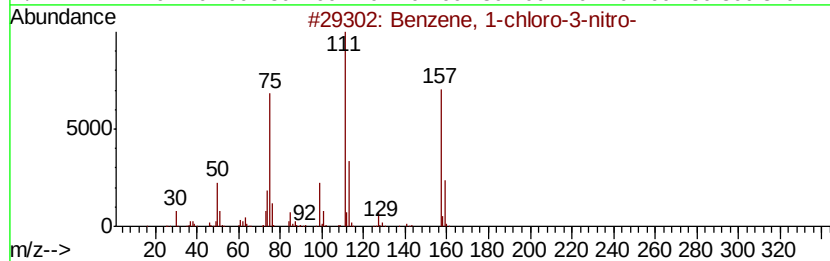
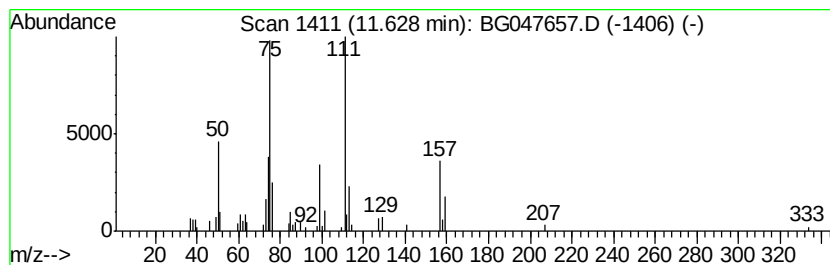
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-chloro-3-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	9.81 ng/ul	100247	Naphthalene-d8	11.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	95	
2	Benzene,	1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	93	
3	Benzene,	1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	87	
4	Benzene,	1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	87	
5	Benzene,	1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	83	



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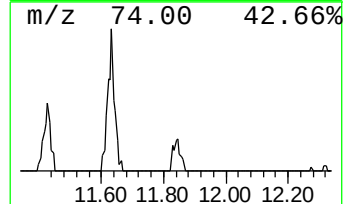
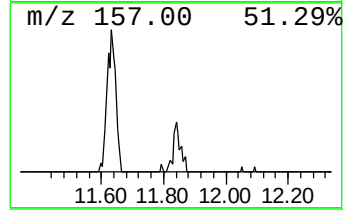
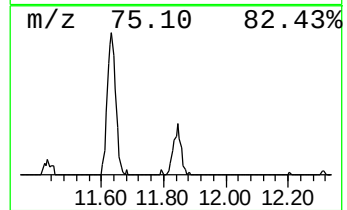
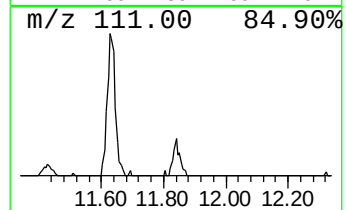
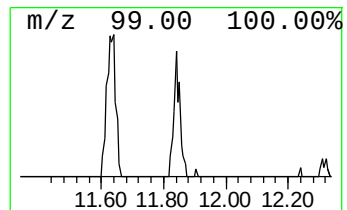
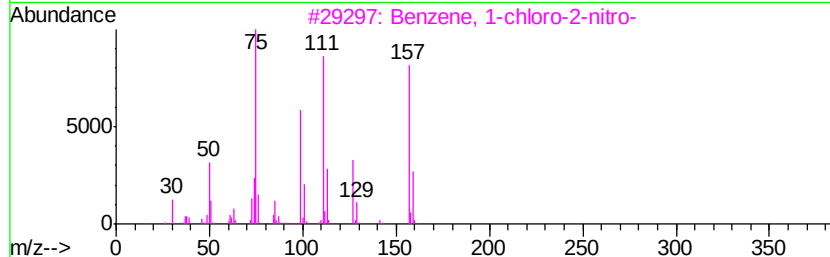
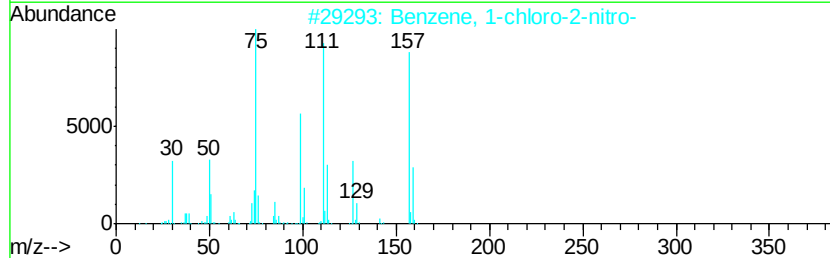
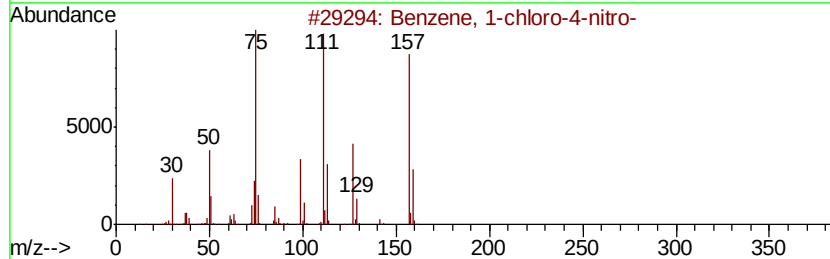
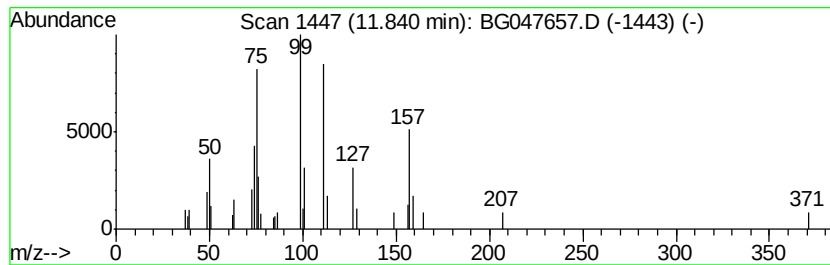
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	3.26 ng/ul	33285	Naphthalene-d8	11.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	38
2		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	38
3		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	38
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	30
5		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	30



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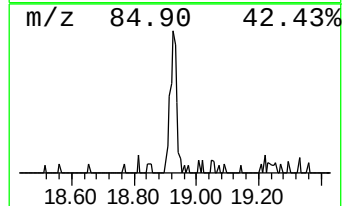
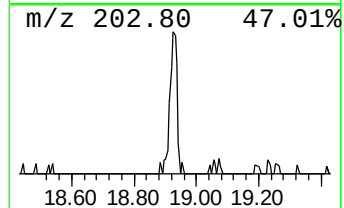
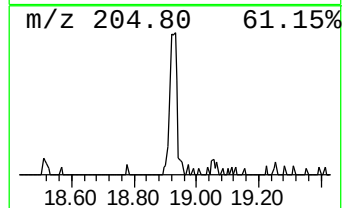
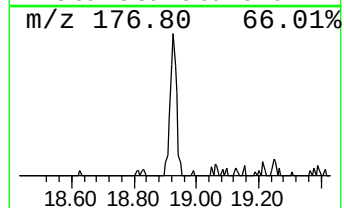
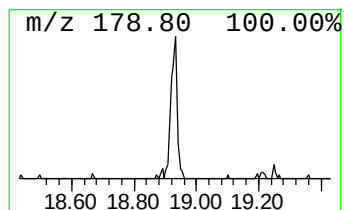
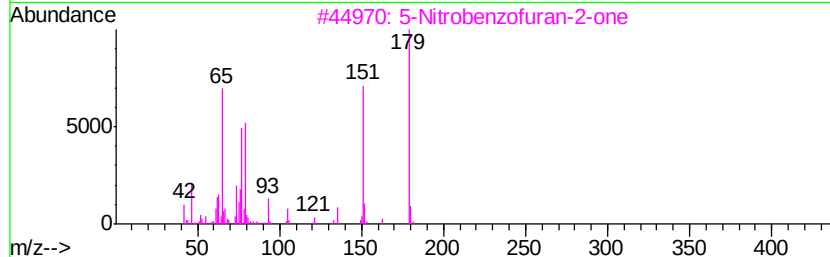
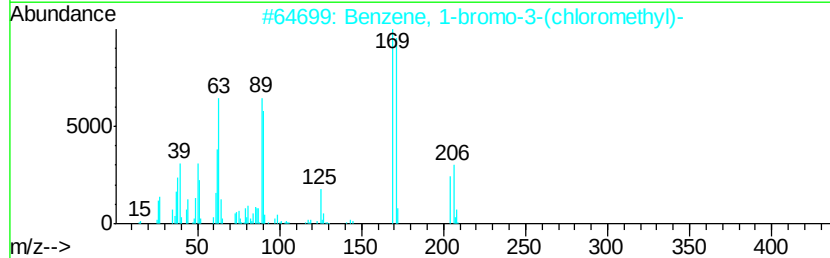
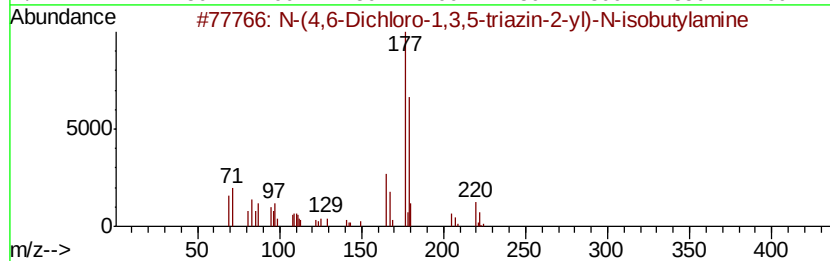
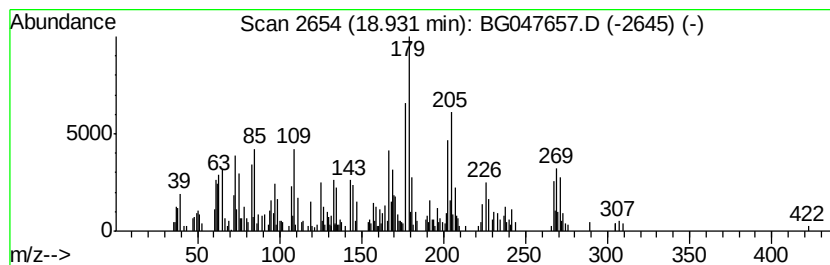
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	9.32 ng/ul	199657	Phenanthrene-d10	17.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N-(4,6-Dichloro-1,3,5-triazin-2-...	220	C7H10Cl2N4	1000326-88-2	35
2		Benzene, 1-bromo-3-(chloromethyl)-	204	C7H6BrCl	000932-77-4	30
3		5-Nitrobenzofuran-2-one	179	C8H5NO4	021997-23-9	25
4		3,4-Methylenedioxyphenyl isothio...	179	C8H5NO2S	113504-93-1	22
5		Picrolonic acid	264	C10H8N4O5	000550-74-3	16



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120820\
Data File : BG047657.D
Acq On : 8 Dec 2020 20:55
Operator : CG/JU
Sample : L4921-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0FW1

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
Benzene, 1-chloro...	11.63	9.8	ng/ul	100247	2	11.04	204466	20.0
unknown-01	11.84	3.3	ng/ul	33285	2	11.04	204466	20.0
unknown-02	18.93	9.3	ng/ul	199657	4	17.57	428313	20.0