

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
 Data File : BG047031.D
 Acq On : 22 Oct 2020 14:24
 Operator : CG/JU
 Sample : L4483-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0FH2

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-BG102220MA.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	3.480	19	24	28	rBV2	11658	17455	0.78%	0.093%
2	4.232	150	152	159	rVB4	2861	4897	0.22%	0.026%
3	5.366	339	345	352	rBV3	14201	24461	1.09%	0.130%
4	7.211	652	659	674	rBV4	50198	118008	5.25%	0.626%
5	7.381	682	688	697	rBV	168576	298618	13.29%	1.583%
6	7.592	716	724	731	rBV	190796	355780	15.83%	1.886%
7	7.957	781	786	789	rBV5	5028	7664	0.34%	0.041%
8	8.063	797	804	817	rVV	199377	356729	15.88%	1.891%
9	8.415	858	864	872	rVB	134307	240008	10.68%	1.273%
10	8.756	915	922	931	rBV	140716	258148	11.49%	1.369%
11	9.220	993	1001	1006	rBV	239198	455482	20.27%	2.415%
12	9.267	1006	1009	1018	rVB	121781	187640	8.35%	0.995%
13	9.643	1067	1073	1075	rBV2	8656	12783	0.57%	0.068%
14	9.667	1075	1077	1084	rVB4	4020	6673	0.30%	0.035%
15	9.949	1117	1125	1134	rBV	212600	388559	17.29%	2.060%
16	10.483	1209	1216	1227	rBV	278195	524828	23.36%	2.783%
17	10.736	1253	1259	1265	rBV	44281	74774	3.33%	0.396%
18	10.871	1274	1282	1291	rBV	260876	445079	19.81%	2.360%
19	11.000	1296	1304	1312	rBV2	29164	50177	2.23%	0.266%
20	11.253	1341	1347	1359	rVB2	36389	65100	2.90%	0.345%
21	11.464	1378	1383	1392	rVV	56244	104085	4.63%	0.552%
22	11.688	1414	1421	1428	rBV5	17918	35834	1.59%	0.190%
23	12.128	1492	1496	1498	rBV2	4768	5613	0.25%	0.030%
24	12.457	1547	1552	1556	rBV	4376	7498	0.33%	0.040%
25	12.839	1612	1617	1624	rBV7	9487	20757	0.92%	0.110%
26	13.497	1722	1729	1736	rBV3	27071	43207	1.92%	0.229%
27	13.697	1757	1763	1770	rVB5	9198	14715	0.65%	0.078%
28	14.091	1823	1830	1834	rBV	619527	913074	40.64%	4.841%
29	14.132	1834	1837	1847	rVV	58578	88886	3.96%	0.471%
30	14.385	1873	1880	1888	rBV	650916	1037006	46.15%	5.498%
31	14.690	1923	1932	1939	rBV	421241	649001	28.88%	3.441%
32	14.872	1958	1963	1969	rBV2	38297	71550	3.18%	0.379%
33	14.954	1974	1977	1979	rVV2	3322	4085	0.18%	0.022%
34	15.419	2049	2056	2060	rBV3	7018	11690	0.52%	0.062%

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35	15.677	2093	2100	2107	rBV	913479	1378964	61.37%	7.312%
36	15.789	2113	2119	2129	rBV	382525	582827	25.94%	3.090%
37	15.918	2137	2141	2148	rVB3	12688	19531	0.87%	0.104%
38	16.247	2194	2197	2203	rBV2	2491	5251	0.23%	0.028%
39	16.470	2230	2235	2238	rBV4	4382	6664	0.30%	0.035%
40	16.823	2290	2295	2296	rVV	2648	4033	0.18%	0.021%
41	17.222	2361	2363	2369	rVB3	4613	6432	0.29%	0.034%
42	17.434	2392	2399	2408	rBV	542743	824270	36.68%	4.370%
43	17.534	2408	2416	2423	rBV	1165904	1726177	76.82%	9.153%
44	17.927	2478	2483	2488	rVV2	2877	6237	0.28%	0.033%
45	18.151	2517	2521	2527	rVB4	4248	6859	0.31%	0.036%
46	18.315	2544	2549	2557	rBV2	43222	74063	3.30%	0.393%
47	18.397	2559	2563	2566	rVV5	6262	10209	0.45%	0.054%
48	18.509	2581	2582	2587	rBV3	2525	3432	0.15%	0.018%
49	18.609	2595	2599	2602	rVV5	2395	3567	0.16%	0.019%
50	18.797	2623	2631	2638	rBV2	200658	285387	12.70%	1.513%
51	18.926	2648	2653	2660	rBV4	7639	13340	0.59%	0.071%
52	19.032	2668	2671	2672	rBV3	2900	3532	0.16%	0.019%
53	19.126	2684	2687	2693	rVB6	10717	16464	0.73%	0.087%
54	19.179	2693	2696	2700	rBV6	4416	6371	0.28%	0.034%
55	19.244	2704	2707	2710	rBV3	4362	5888	0.26%	0.031%
56	19.449	2738	2742	2748	rBV	13690	21416	0.95%	0.114%
57	19.584	2760	2765	2766	rBV3	7967	7086	0.32%	0.038%
58	19.702	2782	2785	2789	rBV	11135	17662	0.79%	0.094%
59	19.813	2797	2804	2811	rBV	1542278	2246916	100.00%	11.914%
60	20.072	2847	2848	2852	rVB4	4980	4362	0.19%	0.023%
61	20.201	2868	2870	2874	rVB5	3682	3909	0.17%	0.021%
62	20.313	2887	2889	2890	rBV2	5794	3445	0.15%	0.018%
63	20.401	2902	2904	2907	rVB4	5637	3814	0.17%	0.020%
64	20.583	2933	2935	2939	rVB4	3835	3640	0.16%	0.019%
65	20.718	2953	2958	2959	rBV5	3770	6125	0.27%	0.032%
66	20.889	2985	2987	2990	rVB3	4463	3394	0.15%	0.018%
67	21.153	3030	3032	3035	rBV3	4077	4929	0.22%	0.026%
68	21.341	3059	3064	3075	rBV4	81398	217047	9.66%	1.151%
69	21.699	3118	3125	3136	rBV	573637	933886	41.56%	4.952%
70	21.887	3154	3157	3159	rBV3	5906	6356	0.28%	0.034%
71	22.381	3239	3241	3243	rBV3	4056	5153	0.23%	0.027%

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72	22.557	3267	3271	3272	rBV4	4556	4663	0.21%	0.025%
73	22.769	3305	3307	3308	rBV2	4806	3483	0.16%	0.018%
74	23.162	3373	3374	3375	rBV	6292	4581	0.20%	0.024%
75	23.192	3376	3379	3384	rVB4	19151	32503	1.45%	0.172%
76	23.386	3407	3412	3419	rVB7	15998	29716	1.32%	0.158%
77	23.474	3426	3427	3430	rBV2	4571	3638	0.16%	0.019%
78	23.580	3443	3445	3448	rBV4	4008	3772	0.17%	0.020%
79	23.997	3512	3516	3523	rVB5	26785	53570	2.38%	0.284%
80	24.549	3608	3610	3612	rBV3	3570	3495	0.16%	0.019%
81	24.714	3626	3638	3649	rBV2	711777	2054394	91.43%	10.893%
82	24.937	3663	3676	3686	rBV	347827	1004848	44.72%	5.328%
83	25.189	3717	3719	3720	rBV2	5154	3547	0.16%	0.019%
84	25.301	3736	3738	3740	rBV2	4846	4383	0.20%	0.023%
85	26.088	3865	3872	3879	rVB4	34524	87869	3.91%	0.466%
86	26.329	3909	3913	3916	rBV6	6380	12694	0.56%	0.067%
87	26.688	3972	3974	3978	rBV4	4188	5686	0.25%	0.030%
88	26.964	4019	4021	4027	rVB6	5050	6749	0.30%	0.036%
89	27.416	4096	4098	4099	rBV2	6827	6068	0.27%	0.032%
90	27.457	4099	4105	4115	rVB7	32548	100342	4.47%	0.532%
91	27.869	4173	4175	4177	rBV3	3884	3554	0.16%	0.019%
92	27.980	4192	4194	4199	rVB5	4409	5257	0.23%	0.028%
93	28.621	4301	4303	4306	rVB4	4887	4267	0.19%	0.023%
94	29.061	4374	4378	4379	rBV4	10084	11968	0.53%	0.063%
95	29.079	4379	4381	4382	rBV2	8880	5894	0.26%	0.031%
96	29.255	4409	4411	4416	rBV5	5256	6137	0.27%	0.033%
97	30.566	4632	4634	4637	rVB4	6269	5641	0.25%	0.030%
98	30.783	4670	4671	4673	rBV2	5211	3934	0.18%	0.021%
99	30.942	4696	4698	4701	rBV4	4459	5436	0.24%	0.029%
100	32.287	4926	4927	4929	rBV2	4952	3381	0.15%	0.018%

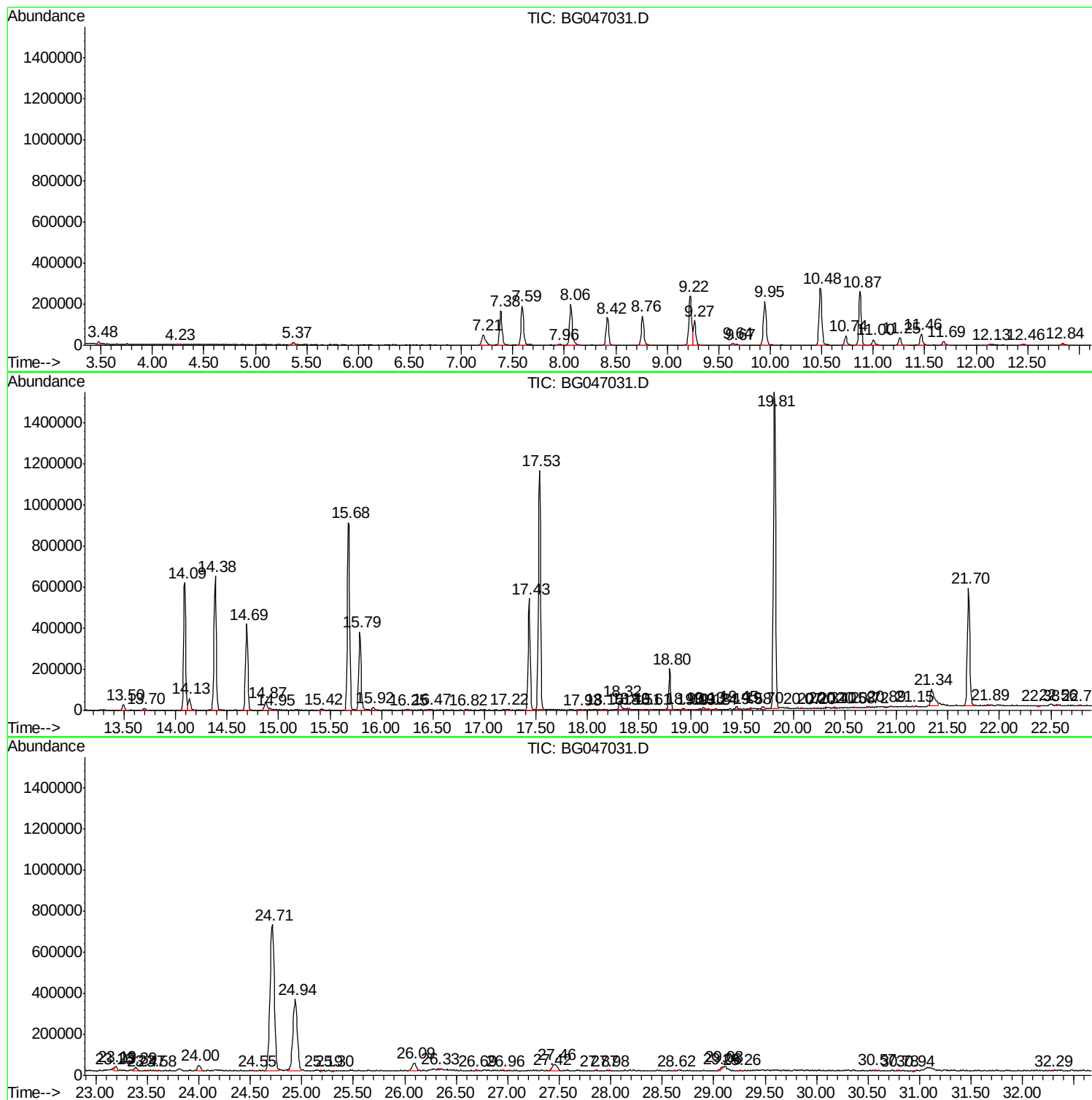
Sum of corrected areas: 18859972

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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



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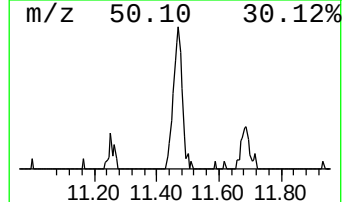
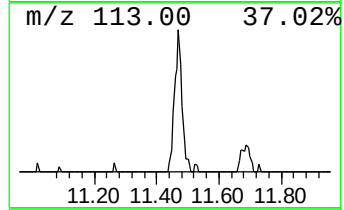
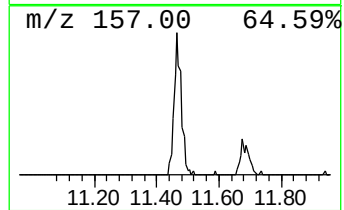
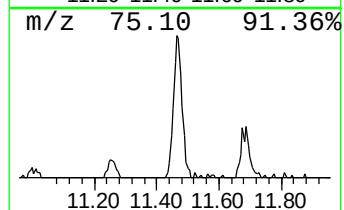
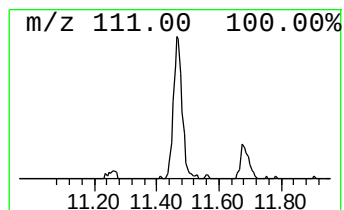
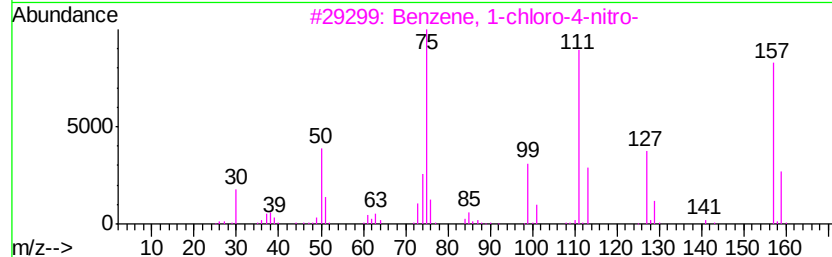
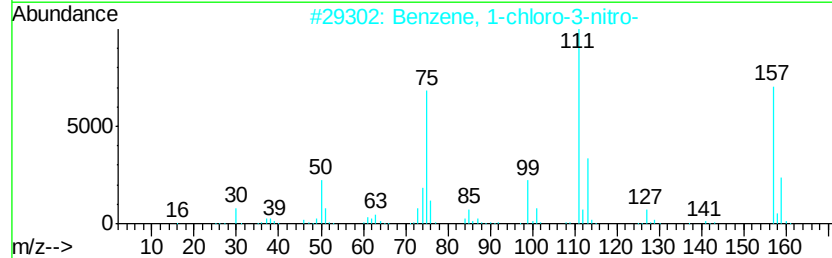
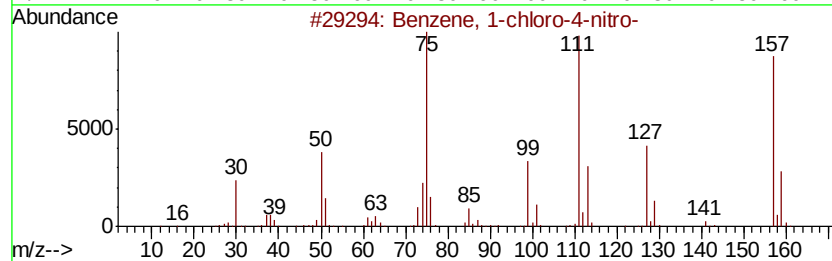
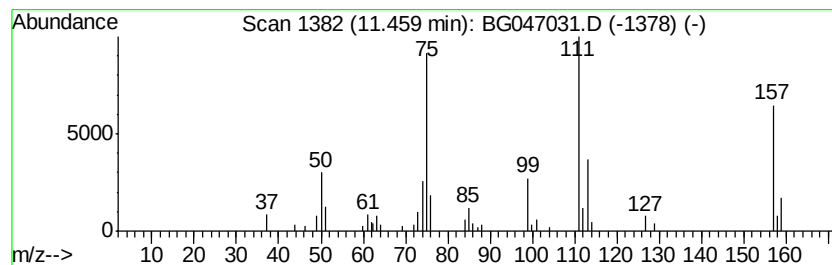
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1-chloro-4-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	4.68 ng/ul	104085	Naphthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
2		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
3		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
4		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	91
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90



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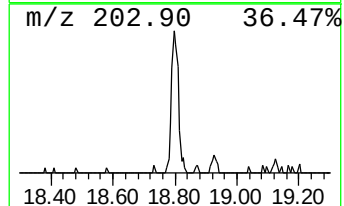
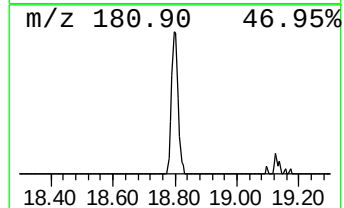
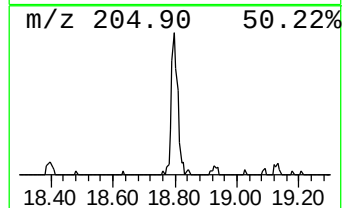
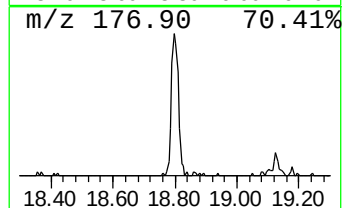
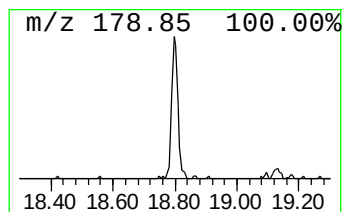
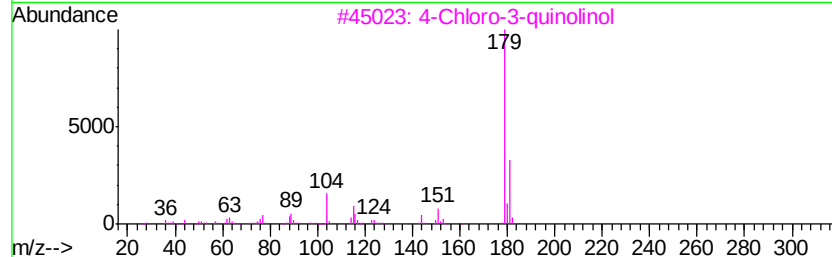
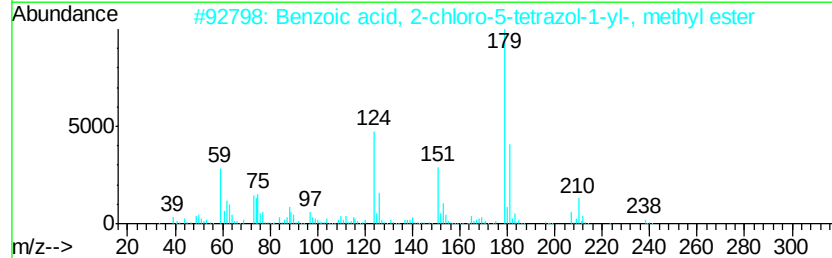
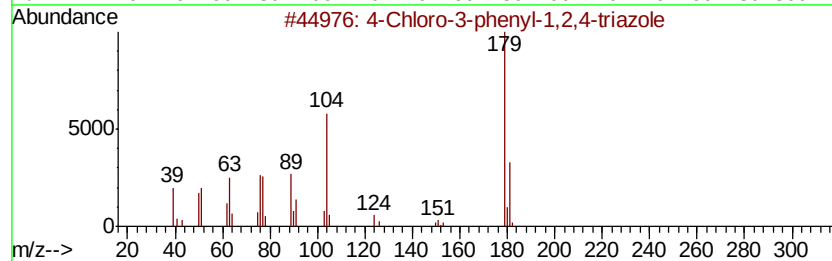
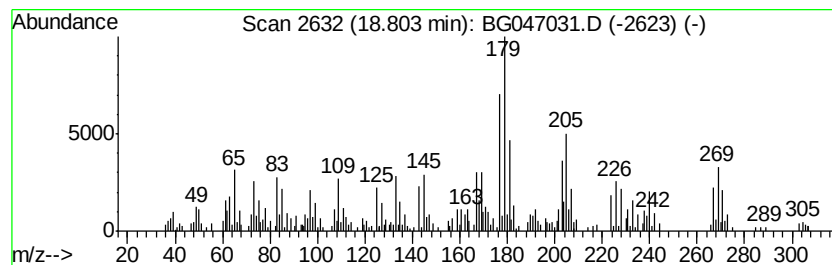
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.80	6.92 ng/ul	285387	Phenanthrene-d10	17.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-3-phenyl-1,2,4-triazole	179	C8H6ClN3	1000147-16-1	35
2	Benzoic acid, 2-chloro-5-tetrazo...	238	C9H7ClN4O2	1000310-73-5	27
3	4-Chloro-3-quinolinol	179	C9H6ClNO	032435-60-2	25
4	3-Acetyl-2,5-dichlorothiophene	194	C6H4Cl2OS	036157-40-1	22
5	3,4-Methylenedioxyphenyl isothio...	179	C8H5NO2S	113504-93-1	22



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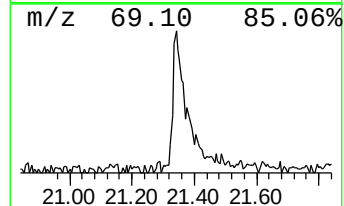
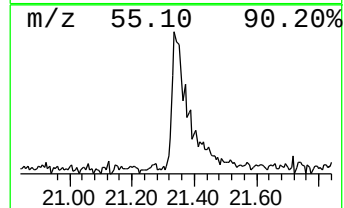
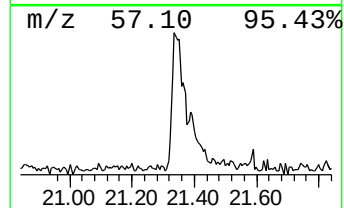
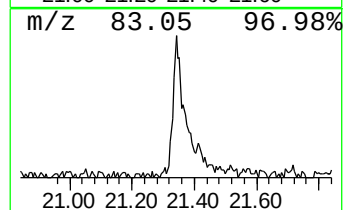
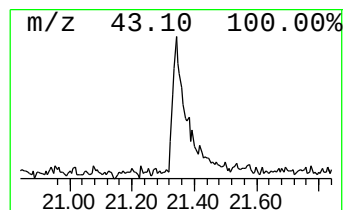
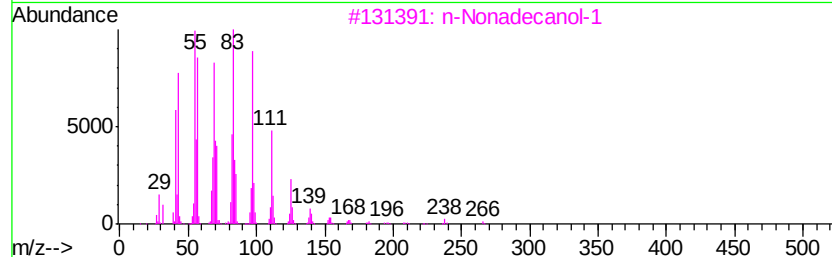
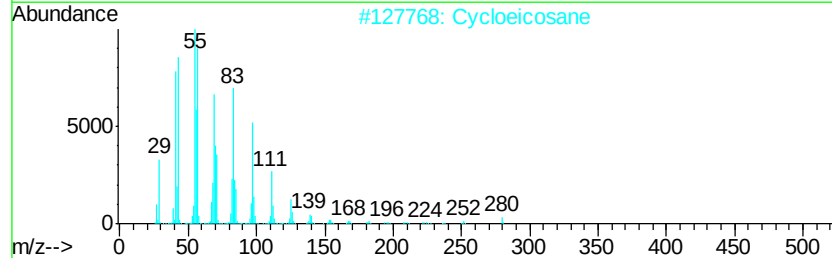
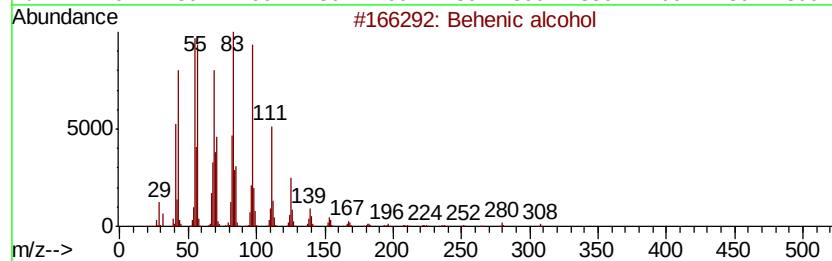
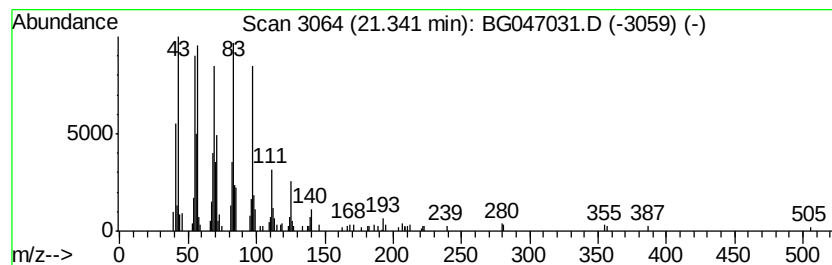
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	4.65 ng/ul	217047	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenic alcohol	326	C22H46O	000661-19-8	90
2		Cycloeicosane	280	C20H40	000296-56-0	89
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	87
4		n-Heptadecanol-1	256	C17H36O	001454-85-9	76
5		5-Eicosene, (E)-	280	C20H40	074685-30-6	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102220\
Data File : BG047031.D
Acq On : 22 Oct 2020 14:24
Operator : CG/JU
Sample : L4483-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0FH2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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...	11.46	4.7	ng/ul	104085	2	10.87	445079	20.0
unknown-01	18.80	6.9	ng/ul	285387	4	17.43	824270	20.0
Behenic alcohol	21.34	4.7	ng/ul	217047	5	21.70	933886	20.0