

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122120\
 Data File : BG047793.D
 Acq On : 22 Dec 2020 00:27
 Operator : CG/JU
 Sample : L5114-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A54P6

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	3.490	23	26	28	rBV2	1922	2597	0.14%	0.016%
2	3.519	28	31	35	rVV3	7129	9975	0.54%	0.061%
3	3.813	78	81	83	rBV2	2174	2470	0.13%	0.015%
4	4.313	161	166	168	rVB	4036	4296	0.23%	0.026%
5	4.530	199	203	206	rBV	5371	7752	0.42%	0.048%
6	4.953	271	275	277	rBV2	3438	3866	0.21%	0.024%
7	5.112	300	302	306	rBV2	1767	2500	0.14%	0.015%
8	6.375	515	517	521	rBV2	2354	2433	0.13%	0.015%
9	7.339	672	681	692	rBV	201924	388014	21.10%	2.390%
10	7.509	704	710	719	rBV	112379	187065	10.17%	1.152%
11	7.726	738	747	753	rBV	187282	323361	17.59%	1.992%
12	8.202	818	828	834	rBV	171402	295254	16.06%	1.819%
13	8.896	937	946	959	rBV	203659	367383	19.98%	2.263%
14	9.366	1018	1026	1034	rBV2	186278	334720	18.21%	2.062%
15	9.771	1091	1095	1098	rBV	7286	8684	0.47%	0.053%
16	10.094	1142	1150	1159	rBV2	198415	356770	19.40%	2.198%
17	10.570	1227	1231	1233	rVB	2225	3352	0.18%	0.021%
18	10.635	1235	1242	1251	rVB	272433	488825	26.59%	3.011%
19	11.028	1299	1309	1317	rBV	221789	399162	21.71%	2.459%
20	11.152	1321	1330	1338	rBV	207068	385543	20.97%	2.375%
21	11.675	1416	1419	1423	rVB	1818	2736	0.15%	0.017%
22	12.591	1571	1575	1581	rVB2	4151	7166	0.39%	0.044%
23	13.179	1669	1675	1677	rBV	1865	2950	0.16%	0.018%
24	13.414	1711	1715	1716	rBV	4308	4330	0.24%	0.027%
25	13.696	1758	1763	1770	rBV2	4537	9130	0.50%	0.056%
26	14.060	1819	1825	1834	rBV2	42835	75793	4.12%	0.467%
27	14.213	1845	1851	1856	rBV	485686	726569	39.52%	4.476%
28	14.260	1856	1859	1868	rVB	75593	104994	5.71%	0.647%
29	14.518	1895	1903	1912	rVB2	495072	787687	42.84%	4.853%
30	14.665	1924	1928	1931	rVB	3650	3934	0.21%	0.024%
31	14.824	1948	1955	1965	rBV2	362504	586993	31.93%	3.616%
32	14.936	1971	1974	1978	rBV2	18535	28877	1.57%	0.178%
33	14.988	1978	1983	1989	rVV2	203452	324606	17.66%	2.000%
34	15.065	1989	1996	2013	rVB	1118653	1838580	100.00%	11.327%

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35	15.376	2048	2049	2053	rVB2	2795	2399	0.13%	0.015%
36	15.429	2055	2058	2060	rBV	3612	3638	0.20%	0.022%
37	15.470	2064	2065	2069	rVB	2488	2513	0.14%	0.015%
38	15.646	2090	2095	2105	rBV2	66088	107208	5.83%	0.660%
39	15.805	2111	2122	2129	rVB	598323	986676	53.67%	6.079%
40	15.911	2134	2140	2153	rBV2	229714	351508	19.12%	2.166%
41	16.046	2158	2163	2167	rVB3	9377	13077	0.71%	0.081%
42	16.146	2177	2180	2186	rVB2	3364	6234	0.34%	0.038%
43	16.299	2203	2206	2208	rVB2	2275	2352	0.13%	0.014%
44	16.440	2225	2230	2232	rBV3	8150	12425	0.68%	0.077%
45	16.463	2233	2234	2238	rVB	2514	3513	0.19%	0.022%
46	16.587	2251	2255	2261	rVB2	4097	7185	0.39%	0.044%
47	16.681	2265	2271	2276	rBV4	14140	24675	1.34%	0.152%
48	16.839	2296	2298	2301	rBV	2715	2505	0.14%	0.015%
49	16.886	2304	2306	2309	rVB	2698	2989	0.16%	0.018%
50	16.963	2317	2319	2322	rVB	2671	2726	0.15%	0.017%
51	17.004	2325	2326	2329	rVB	3344	2317	0.13%	0.014%
52	17.121	2343	2346	2349	rBV	2222	2668	0.15%	0.016%
53	17.239	2363	2366	2368	rBV	1949	2448	0.13%	0.015%
54	17.280	2371	2373	2378	rVB2	3631	2719	0.15%	0.017%
55	17.339	2380	2383	2384	rBV2	4687	3801	0.21%	0.023%
56	17.556	2413	2420	2427	rBV	505085	761481	41.42%	4.691%
57	17.656	2431	2437	2444	rVB	706842	1043712	56.77%	6.430%
58	17.815	2462	2464	2466	rBV	3777	3073	0.17%	0.019%
59	17.932	2481	2484	2487	rBV2	3048	3606	0.20%	0.022%
60	18.367	2556	2558	2560	rBV	2783	2388	0.13%	0.015%
61	18.420	2564	2567	2572	rVB5	18035	25273	1.37%	0.156%
62	18.455	2572	2573	2577	rBV3	4707	6518	0.35%	0.040%
63	18.561	2589	2591	2594	rVB	3220	2548	0.14%	0.016%
64	18.678	2609	2611	2614	rVB2	2366	2289	0.12%	0.014%
65	18.719	2614	2618	2619	rBV4	4134	4569	0.25%	0.028%
66	18.878	2643	2645	2646	rBV	3865	2490	0.14%	0.015%
67	18.960	2656	2659	2660	rBV2	3487	2862	0.16%	0.018%
68	19.113	2683	2685	2689	rBV2	3401	2864	0.16%	0.018%
69	19.189	2694	2698	2701	rBV3	9989	14759	0.80%	0.091%
70	19.307	2717	2718	2720	rBV2	2445	2302	0.13%	0.014%
71	19.325	2720	2721	2723	rVB	4060	2671	0.15%	0.016%

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72	19.560	2759	2761	2764	rBV2	10132	10188	0.55%	0.063%
73	19.818	2802	2805	2811	rVB4	8317	15608	0.85%	0.096%
74	19.924	2817	2823	2832	rVB	889315	1292309	70.29%	7.961%
75	20.223	2870	2874	2876	rBV4	3899	5381	0.29%	0.033%
76	20.341	2892	2894	2895	rBV2	3365	2418	0.13%	0.015%
77	20.411	2903	2906	2907	rBV3	4359	5214	0.28%	0.032%
78	20.435	2907	2910	2915	rVB7	8026	13352	0.73%	0.082%
79	20.541	2926	2928	2929	rBV2	4541	3121	0.17%	0.019%
80	20.688	2951	2953	2955	rBV3	5605	4321	0.24%	0.027%
81	20.805	2971	2973	2978	rVB5	13273	13414	0.73%	0.083%
82	20.887	2985	2987	2988	rBV2	4060	4020	0.22%	0.025%
83	21.187	3037	3038	3040	rBV2	3757	2899	0.16%	0.018%
84	21.346	3063	3065	3066	rVB2	7190	3910	0.21%	0.024%
85	21.399	3072	3074	3075	rBV2	6513	4967	0.27%	0.031%
86	21.446	3077	3082	3102	rVV3	112744	323101	17.57%	1.991%
87	21.833	3141	3148	3155	rBV	491954	818008	44.49%	5.039%
88	23.355	3404	3407	3413	rVB8	13947	24342	1.32%	0.150%
89	24.189	3546	3549	3557	rVB7	24629	55769	3.03%	0.344%
90	24.953	3668	3679	3691	rVB2	411263	1178139	64.08%	7.258%
91	25.182	3709	3718	3729	rVB	282340	838810	45.62%	5.168%
92	25.911	3841	3842	3843	rBV	7466	3077	0.17%	0.019%
93	26.140	3879	3881	3882	rBV2	4683	2481	0.13%	0.015%
94	26.369	3915	3920	3931	rVB2	27710	77101	4.19%	0.475%
95	27.039	4032	4034	4036	rBV3	4649	3602	0.20%	0.022%
96	27.333	4080	4084	4085	rBV3	5623	6241	0.34%	0.038%
97	27.421	4097	4099	4100	rVB2	4680	2385	0.13%	0.015%
98	28.050	4204	4206	4208	rBV3	4850	3297	0.18%	0.020%
99	30.165	4564	4566	4569	rBV4	4705	4068	0.22%	0.025%
100	31.869	4854	4856	4857	rBV2	4758	3162	0.17%	0.019%

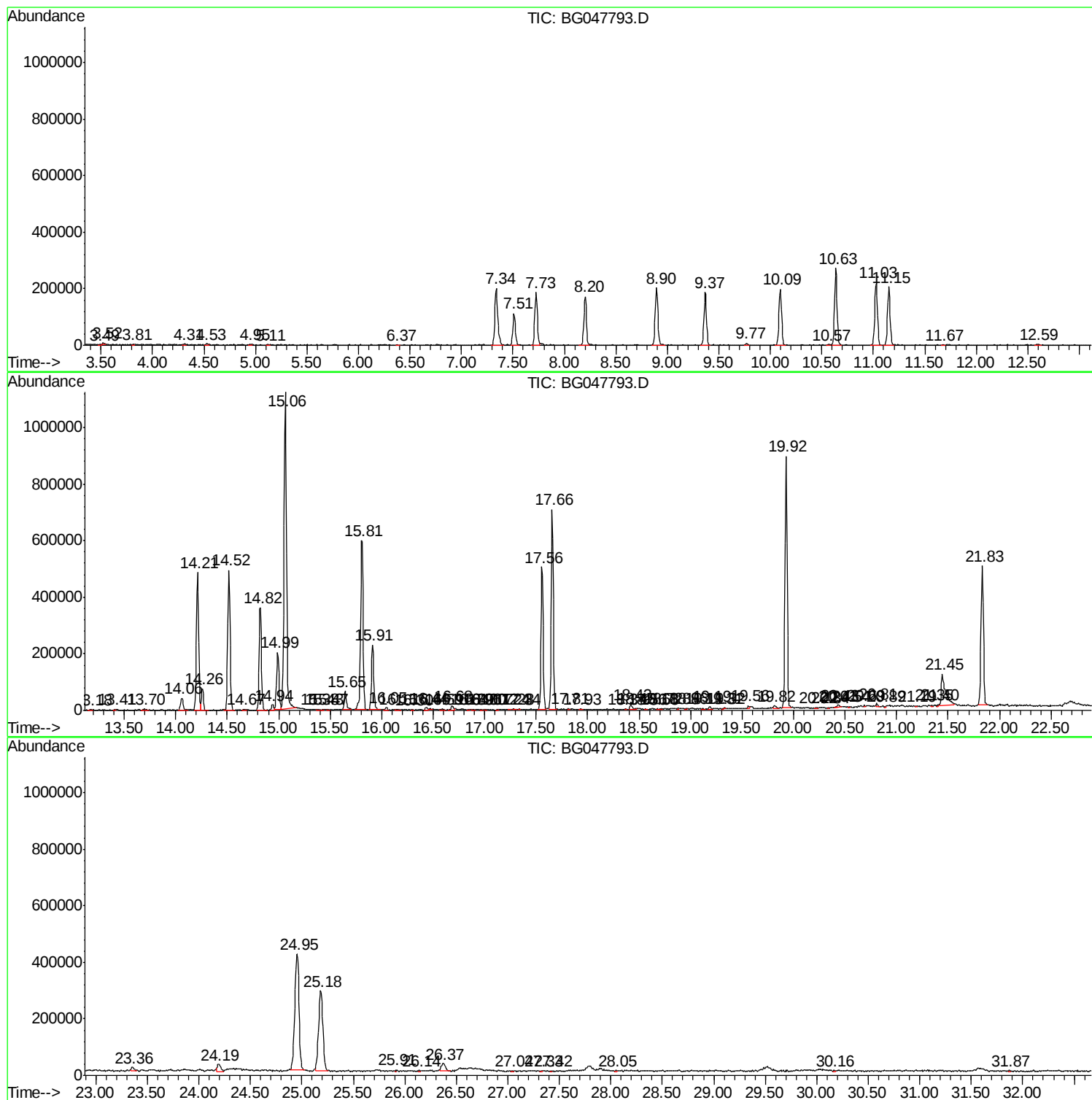
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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



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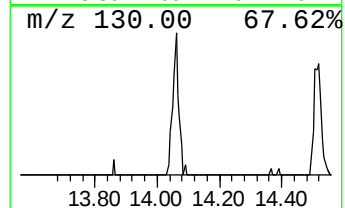
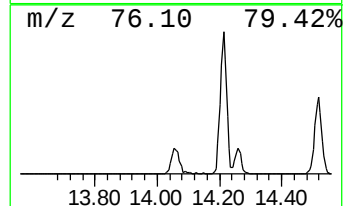
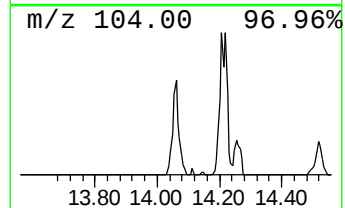
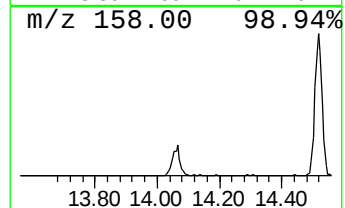
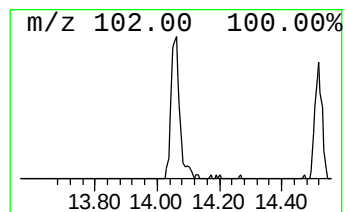
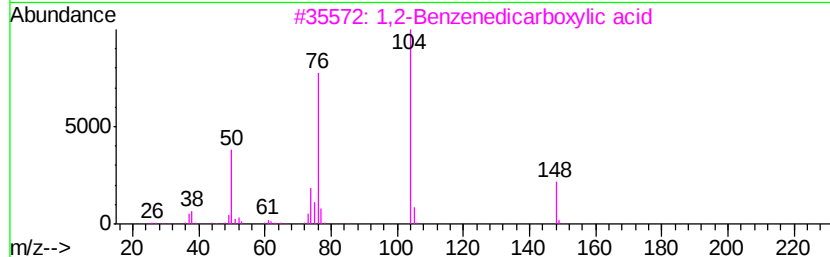
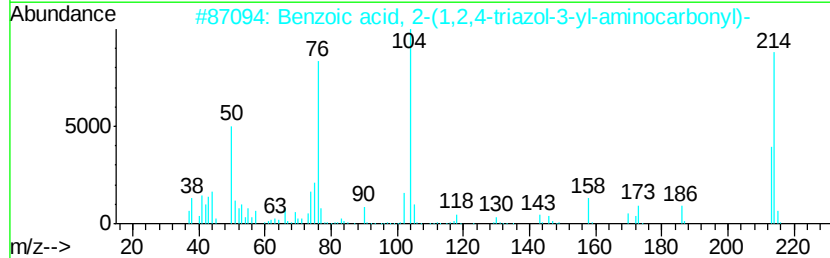
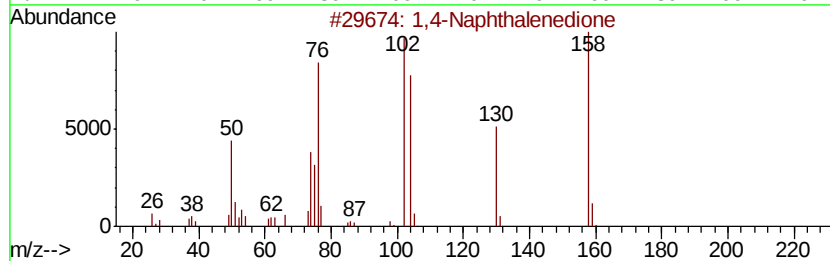
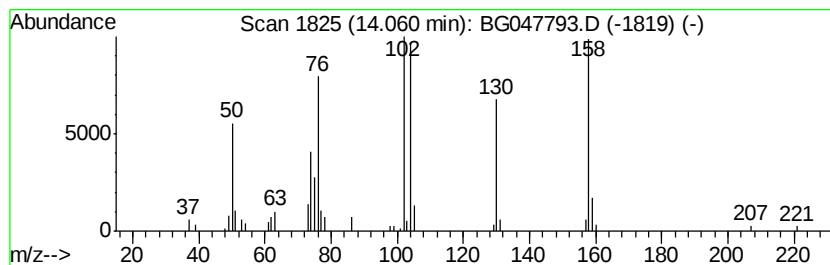
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1,4-Naphthalenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	2.58 ng/ul	75793	Acenaphthene-d10	14.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,4-Naphthalenedione	158 C10H6O2	000130-15-4	98
2	Benzoic acid, 2-(1,2,4-triazol-3...	232 C10H8N4O3	1000295-12-4	53
3	1,2-Benzenedicarboxylic acid	166 C8H6O4	000088-99-3	53
4	Bicyclo[4.2.0]octa-1,3,5-triene...	132 C8H4O2	006383-11-5	53
5	1,4-Naphthalenedione	158 C10H6O2	000130-15-4	50



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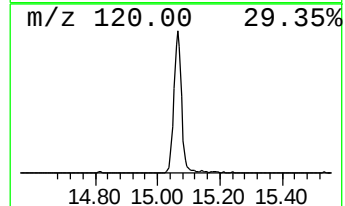
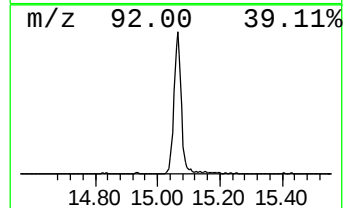
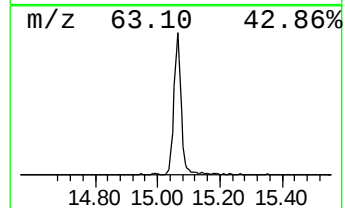
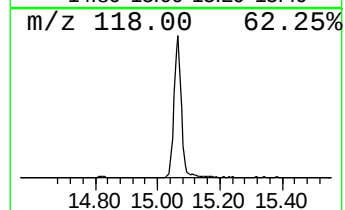
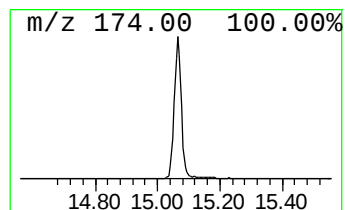
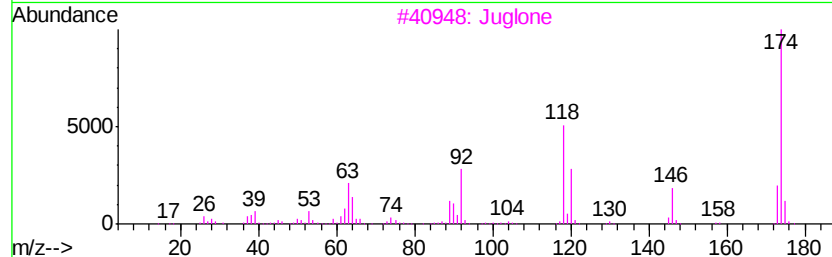
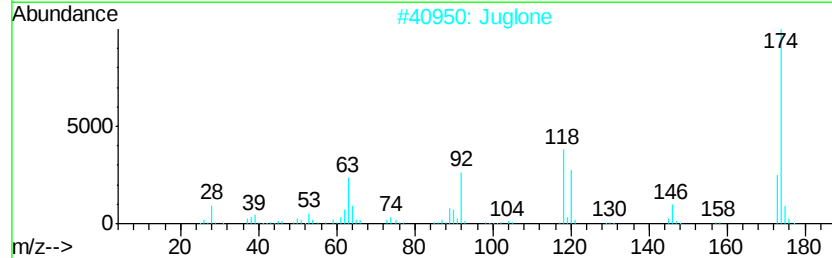
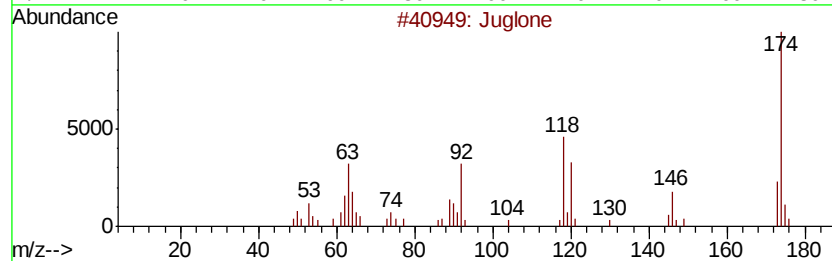
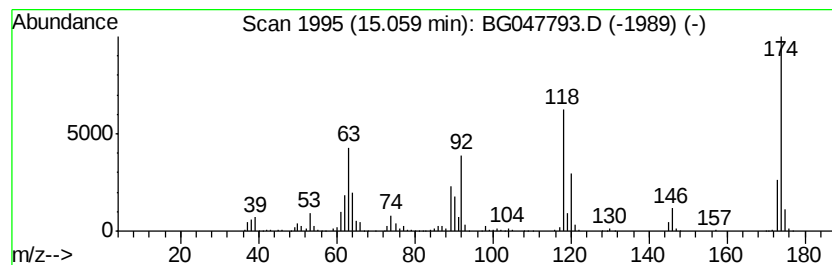
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Juglone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	62.64 ng/ul	1838580	Acenaphthene-d10	14.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Juglone		174 C10H6O3	000481-39-0 90
2	Juglone		174 C10H6O3	000481-39-0 87
3	Juglone		174 C10H6O3	000481-39-0 55
4	8-Quinololinol, 5-nitroso-		174 C9H6N2O2	003565-26-2 53
5	Coumarin		146 C9H6O2	000091-64-5 50



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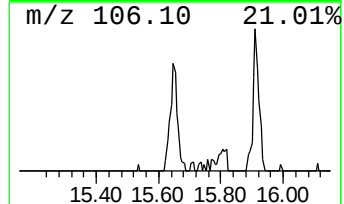
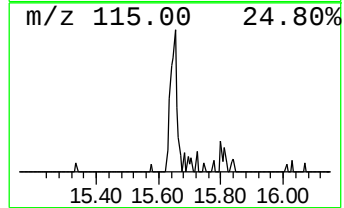
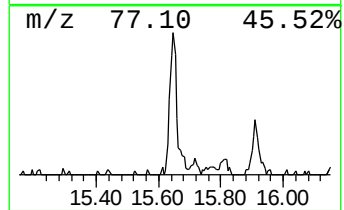
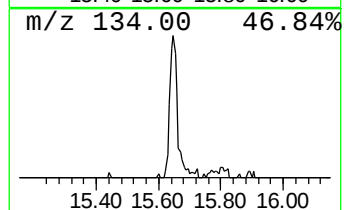
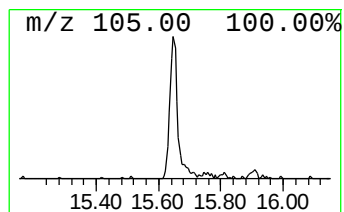
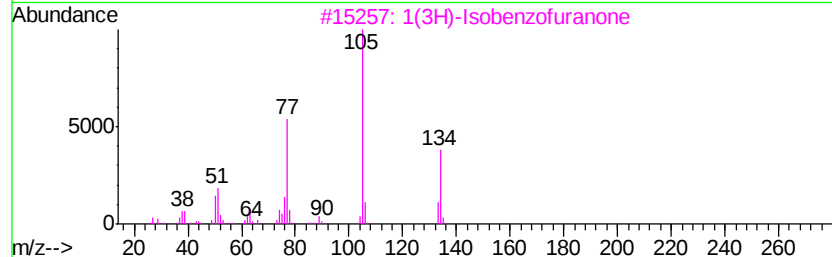
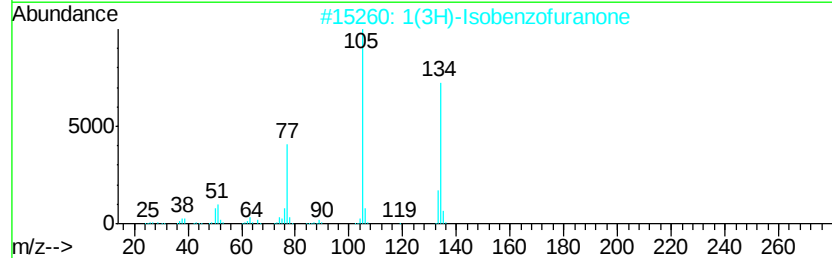
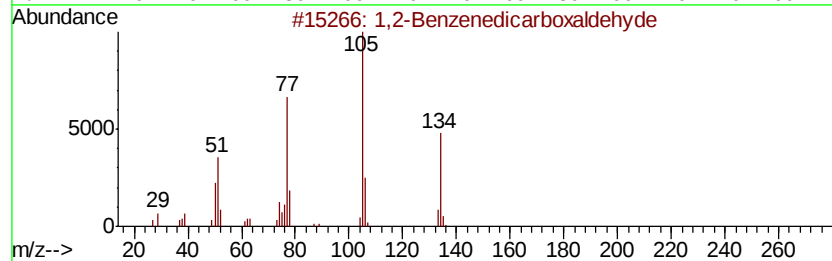
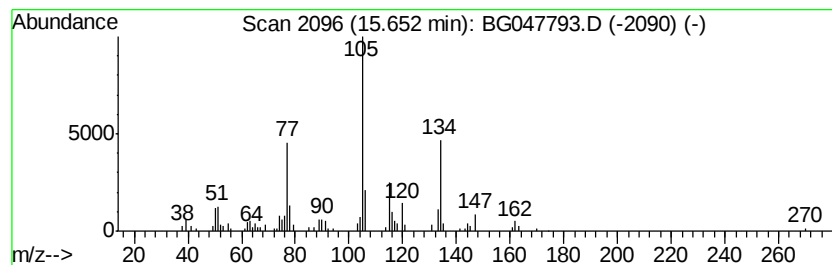
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TIC Integration Parameters: LSCINT.P

Peak Number 3 1,2-Benzenedicarboxaldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	3.65 ng/ul	107208	Acenaphthene-d10	14.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxaldehyde	134	C8H6O2	000643-79-8	76
2		1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	70
3		1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	70
4		1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	62
5		1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122120\
Data File : BG047793.D
Acq On : 22 Dec 2020 00:27
Operator : CG/JU
Sample : L5114-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A54P6

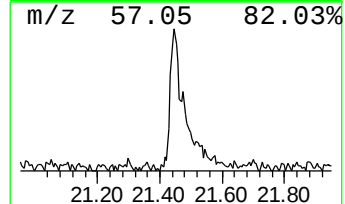
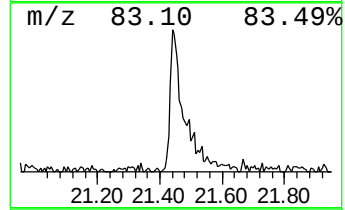
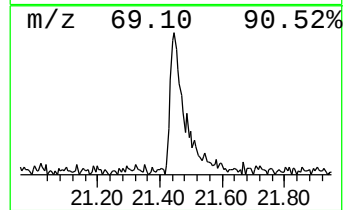
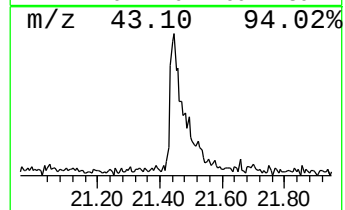
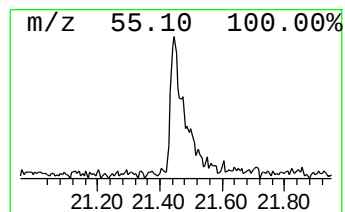
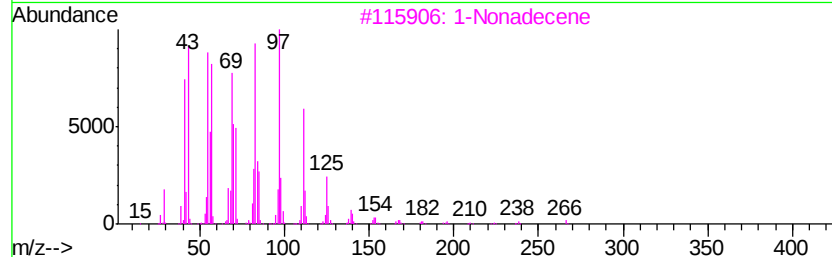
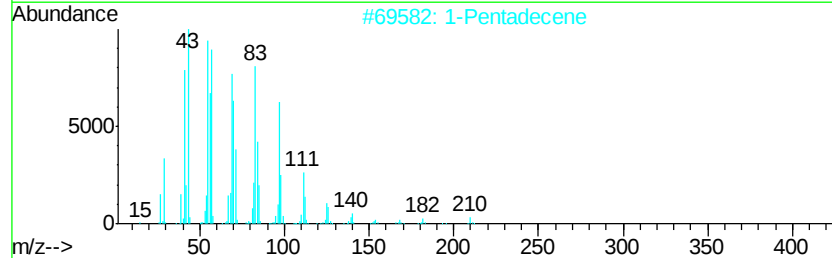
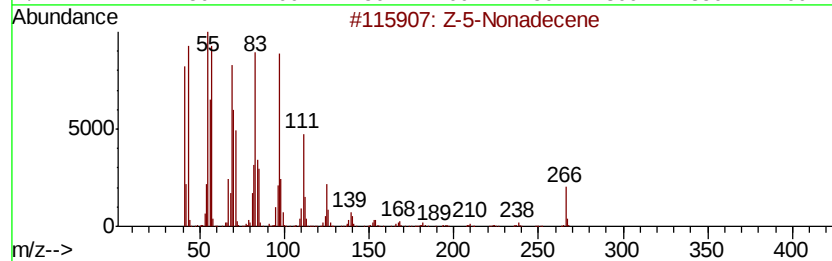
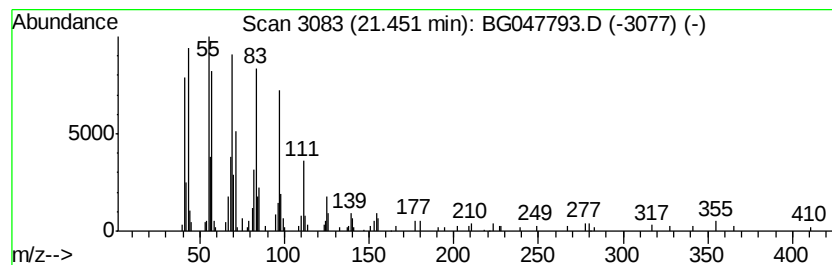
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	7.90 ng/ul	323101	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Z-5-Nonadecene	266	C19H38	1000131-11-8	93
2		1-Pentadecene	210	C15H30	013360-61-7	93
3		1-Nonadecene	266	C19H38	018435-45-5	91
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122120\
Data File : BG047793.D
Acq On : 22 Dec 2020 00:27
Operator : CG/JU
Sample : L5114-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A54P6

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
1,4-Naphthalenedione	14.06	2.6	ng/ul	75793	3	14.82	586993	20.0
Juglone	15.06	62.6	ng/ul	1838580	3	14.82	586993	20.0
1,2-Benzenedicarb...	15.65	3.6	ng/ul	107208	3	14.82	586993	20.0
(DEL) Alkane: Str...	21.45	7.9	ng/ul	323101	5	21.83	818008	20.0