

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122120\
 Data File : BG047789.D
 Acq On : 21 Dec 2020 21:44
 Operator : CG/JU
 Sample : L5114-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A54Q1

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	3.527	28	32	37	rBV4	3789	7084	0.73%	0.060%
2	3.815	77	81	83	rBV5	3374	4317	0.44%	0.037%
3	3.932	99	101	104	rVB2	2584	2374	0.24%	0.020%
4	4.302	161	164	165	rVV2	2548	2921	0.30%	0.025%
5	4.526	199	202	207	rBV2	3621	6014	0.62%	0.051%
6	4.737	233	238	241	rBV2	2098	2951	0.30%	0.025%
7	4.802	247	249	251	rBV	3401	2237	0.23%	0.019%
8	4.949	268	274	276	rBV5	3401	5042	0.52%	0.043%
9	5.648	390	393	397	rVB	1446	2553	0.26%	0.022%
10	6.012	450	455	457	rVB2	1785	2347	0.24%	0.020%
11	6.235	490	493	496	rBV3	2172	3053	0.31%	0.026%
12	6.729	571	577	579	rVB3	1479	2369	0.24%	0.020%
13	6.888	602	604	607	rVB3	1869	2247	0.23%	0.019%
14	7.334	673	680	691	rBV2	134649	265758	27.39%	2.266%
15	7.516	705	711	718	rVB	79682	141374	14.57%	1.205%
16	7.722	736	746	751	rBV2	139870	240893	24.83%	2.054%
17	7.769	751	754	760	rVV3	27494	41486	4.28%	0.354%
18	8.198	821	827	834	rBV2	139243	240333	24.77%	2.049%
19	8.891	938	945	953	rBV2	164637	289926	29.88%	2.472%
20	8.956	955	956	961	rVB	3038	3200	0.33%	0.027%
21	9.367	1019	1026	1033	rBV2	145819	244673	25.22%	2.086%
22	9.772	1091	1095	1099	rBV2	3672	5774	0.60%	0.049%
23	10.096	1143	1150	1158	rBV2	137448	250619	25.83%	2.137%
24	10.636	1235	1242	1250	rBV2	191319	343850	35.44%	2.932%
25	11.024	1301	1308	1317	rVB	179998	320582	33.04%	2.733%
26	11.147	1322	1329	1339	rBV2	143739	269665	27.79%	2.299%
27	12.475	1552	1555	1558	rBV2	1871	2324	0.24%	0.020%
28	12.604	1574	1577	1580	rVB	3972	4582	0.47%	0.039%
29	12.775	1605	1606	1609	rBV	2329	2256	0.23%	0.019%
30	13.421	1711	1716	1719	rBV4	3992	6340	0.65%	0.054%
31	13.703	1758	1764	1772	rBV	288770	455909	46.99%	3.887%
32	14.214	1844	1851	1855	rVV	366764	523981	54.00%	4.467%
33	14.261	1855	1859	1866	rVB	120405	173481	17.88%	1.479%
34	14.520	1895	1903	1913	rVV	349262	573479	59.11%	4.889%

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35	14.819	1943	1954	1961	rBV2	286243	458240	47.23%	3.907%
36	14.884	1961	1965	1970	rVB3	13026	15586	1.61%	0.133%
37	14.990	1977	1983	1990	rBV2	131240	222437	22.93%	1.896%
38	15.148	2007	2010	2013	rVB	1475	2182	0.22%	0.019%
39	15.589	2080	2085	2090	rVB	1710	3550	0.37%	0.030%
40	15.807	2116	2122	2129	rBV	471574	707482	72.92%	6.032%
41	15.912	2133	2140	2152	rBV2	310693	485825	50.07%	4.142%
42	16.047	2159	2163	2169	rVB4	6653	11049	1.14%	0.094%
43	16.224	2191	2193	2197	rVB4	2965	2705	0.28%	0.023%
44	16.523	2242	2244	2249	rVB4	3000	3880	0.40%	0.033%
45	16.576	2249	2253	2254	rBV4	3044	3158	0.33%	0.027%
46	16.594	2254	2256	2258	rVB2	3146	2353	0.24%	0.020%
47	16.700	2271	2274	2278	rVV2	1905	2788	0.29%	0.024%
48	17.234	2364	2365	2369	rVB2	3464	2548	0.26%	0.022%
49	17.334	2379	2382	2383	rBV	2112	2555	0.26%	0.022%
50	17.557	2413	2420	2427	rBV	419627	623744	64.29%	5.318%
51	17.657	2429	2437	2444	rVV	545410	794766	81.91%	6.776%
52	17.728	2444	2449	2452	rVV4	3000	5380	0.55%	0.046%
53	17.839	2463	2468	2475	rBV5	18153	37738	3.89%	0.322%
54	18.022	2497	2499	2505	rBV2	2184	3870	0.40%	0.033%
55	18.092	2510	2511	2515	rBV	2435	2231	0.23%	0.019%
56	18.204	2528	2530	2533	rBV2	3895	3852	0.40%	0.033%
57	18.362	2555	2557	2561	rBV2	1902	2526	0.26%	0.022%
58	18.398	2561	2563	2565	rVV2	2845	2264	0.23%	0.019%
59	18.421	2565	2567	2571	rVB2	2433	2703	0.28%	0.023%
60	18.492	2576	2579	2580	rBV	2213	2214	0.23%	0.019%
61	18.591	2594	2596	2598	rBV2	2998	2379	0.25%	0.020%
62	18.615	2598	2600	2603	rVV2	1719	2154	0.22%	0.018%
63	18.715	2614	2617	2621	rBV4	3393	4516	0.47%	0.039%
64	18.779	2626	2628	2630	rVB4	2629	2284	0.24%	0.019%
65	18.803	2630	2632	2634	rBV2	2508	2567	0.26%	0.022%
66	19.038	2668	2672	2674	rBV3	2606	3453	0.36%	0.029%
67	19.138	2687	2689	2691	rBV2	3818	3494	0.36%	0.030%
68	19.156	2691	2692	2696	rVV2	1739	2284	0.24%	0.019%
69	19.273	2707	2712	2720	rBV5	38113	100390	10.35%	0.856%
70	19.479	2746	2747	2749	rBV2	3525	2799	0.29%	0.024%
71	19.579	2757	2764	2769	rBV3	69975	96973	9.99%	0.827%

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72	19.614	2769	2770	2775	rVB4	4481	4735	0.49%	0.040%
73	19.802	2800	2802	2803	rBV	6359	4193	0.43%	0.036%
74	19.925	2817	2823	2829	rBV2	658557	970270	100.00%	8.272%
75	20.025	2838	2840	2844	rVB4	12322	12623	1.30%	0.108%
76	20.107	2852	2854	2855	rVB2	4290	2318	0.24%	0.020%
77	20.430	2903	2909	2911	rBV6	14743	29174	3.01%	0.249%
78	20.760	2963	2965	2968	rVB3	10462	10811	1.11%	0.092%
79	21.365	3066	3068	3071	rBV4	4563	4179	0.43%	0.036%
80	21.447	3077	3082	3087	rBV5	46859	107274	11.06%	0.915%
81	21.829	3141	3147	3155	rVB2	401875	691998	71.32%	5.900%
82	22.510	3261	3263	3264	rBV2	5487	3410	0.35%	0.029%
83	23.327	3400	3402	3403	rBV2	6066	5308	0.55%	0.045%
84	23.680	3460	3462	3464	rBV2	6074	4209	0.43%	0.036%
85	24.191	3546	3549	3556	rVB6	18891	33646	3.47%	0.287%
86	24.949	3667	3678	3690	rVB2	326137	940752	96.96%	8.021%
87	25.184	3708	3718	3729	rVB3	242384	716249	73.82%	6.106%
88	26.371	3915	3920	3930	rVB8	21311	51257	5.28%	0.437%
89	26.805	3992	3994	3995	rBV2	5565	4246	0.44%	0.036%
90	26.911	4010	4012	4014	rBV2	5041	2979	0.31%	0.025%
91	27.869	4173	4175	4177	rBV3	6209	5736	0.59%	0.049%
92	27.980	4192	4194	4196	rVB3	5435	3719	0.38%	0.032%
93	28.609	4299	4301	4302	rBV2	4998	3499	0.36%	0.030%
94	29.391	4432	4434	4439	rBV4	5435	7294	0.75%	0.062%
95	29.925	4523	4525	4526	rBV2	5331	3183	0.33%	0.027%
96	30.577	4634	4636	4637	rBV2	4383	2792	0.29%	0.024%
97	31.329	4760	4764	4769	rBV5	5035	10950	1.13%	0.093%
98	31.529	4796	4798	4799	rBV3	5898	4207	0.43%	0.036%
99	31.547	4799	4801	4802	rBV2	5634	4010	0.41%	0.034%
100	32.405	4945	4947	4952	rVB6	6544	7400	0.76%	0.063%

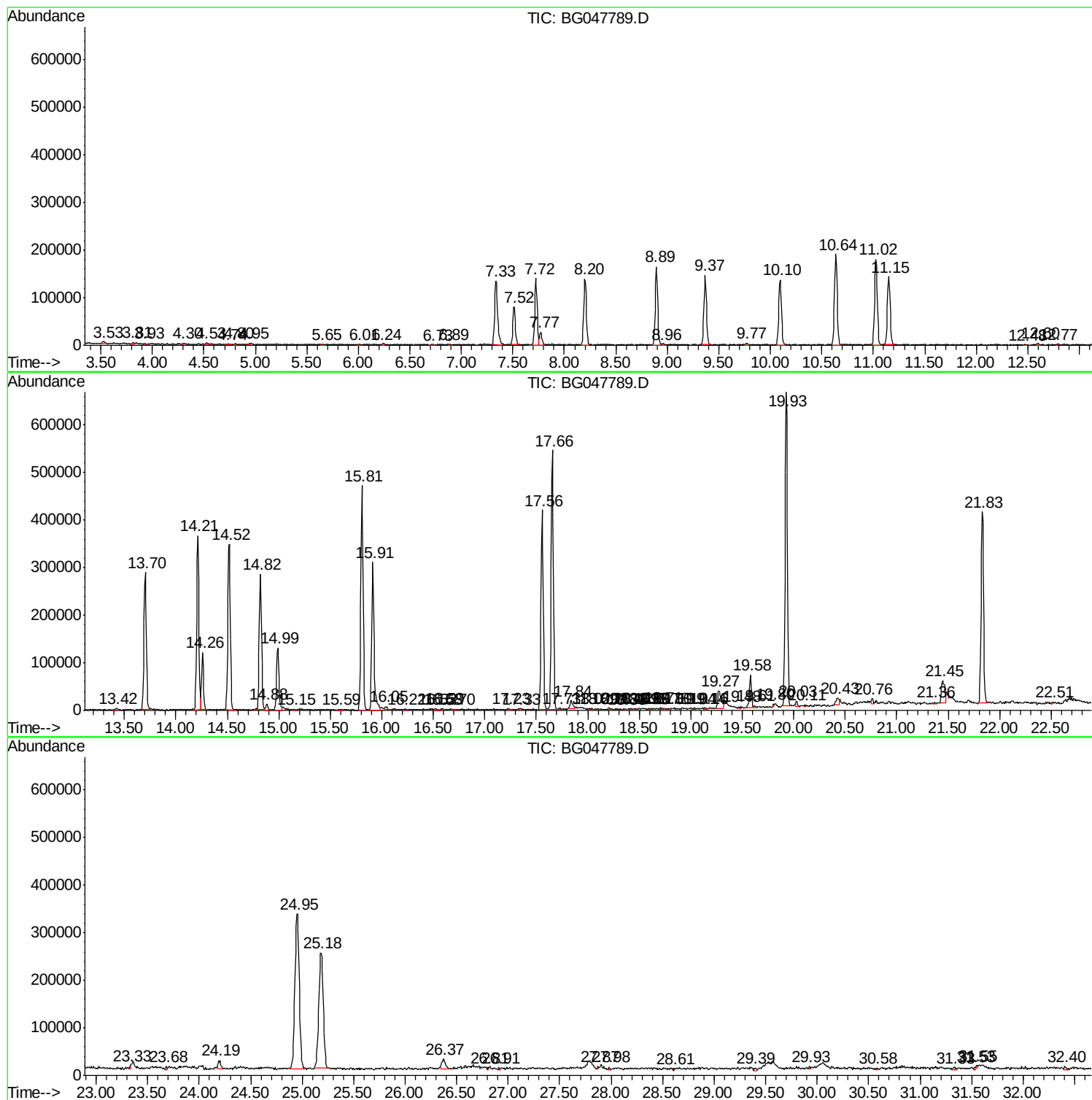
Sum of corrected areas: 11729334

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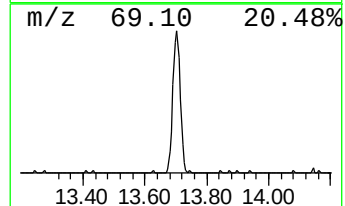
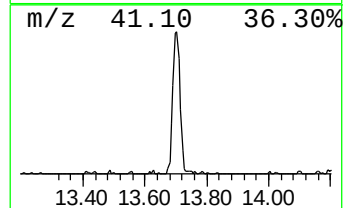
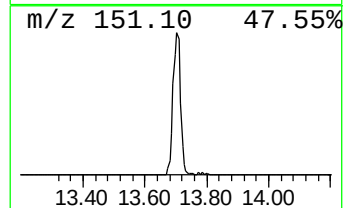
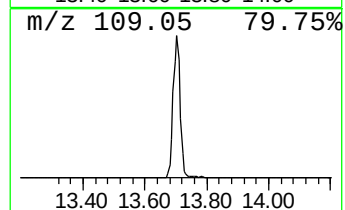
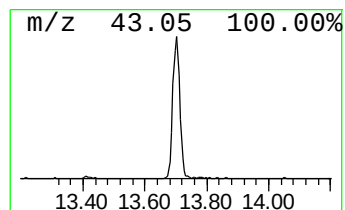
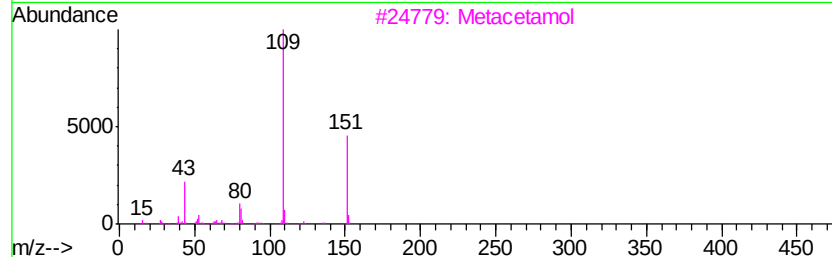
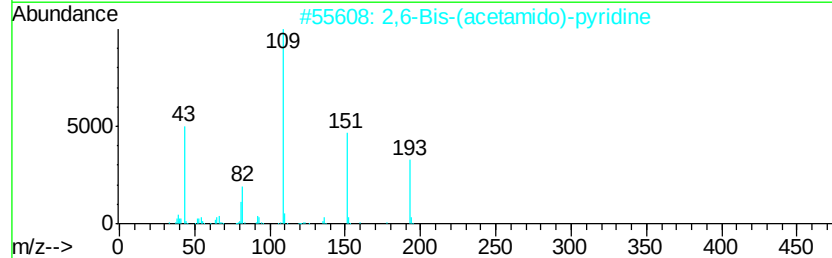
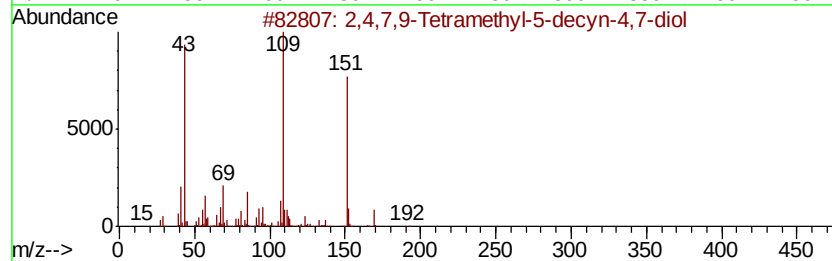
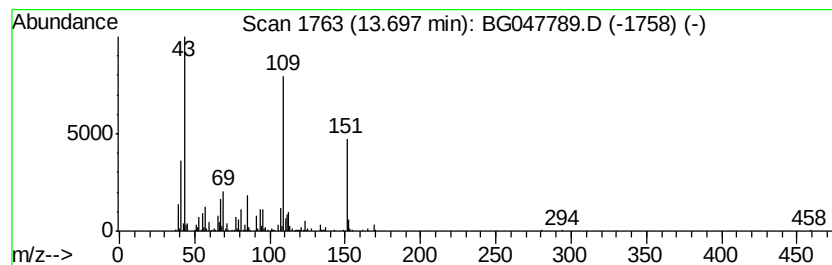
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.70	19.90 ng/ul	455909	Acenaphthene-d10	14.82		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87	
2	2,6-Bis-(acetamido)-pyridine	193	C9H11N3O2	005441-02-1	50	
3	Metacetamol	151	C8H9NO2	000621-42-1	50	
4	4-Pyridinemethanol, acetate (ester)	151	C8H9NO2	001007-48-3	50	
5	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	45	



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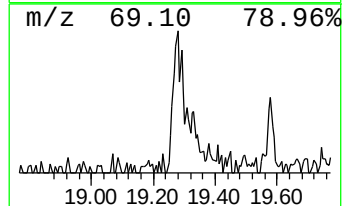
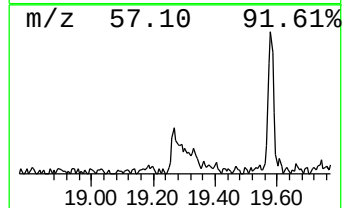
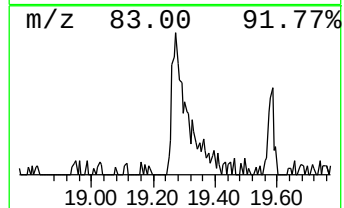
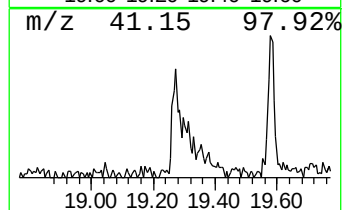
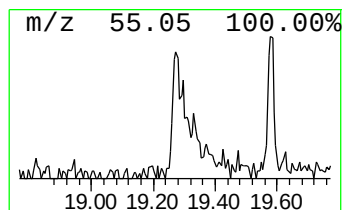
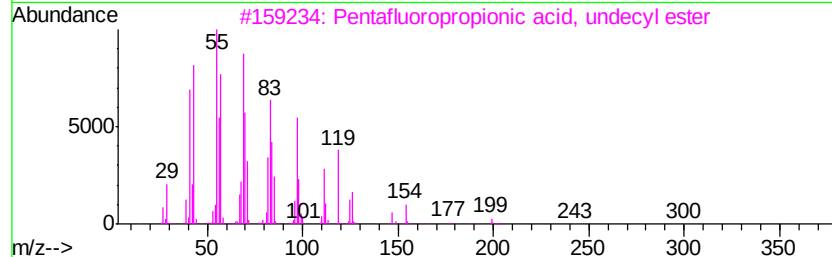
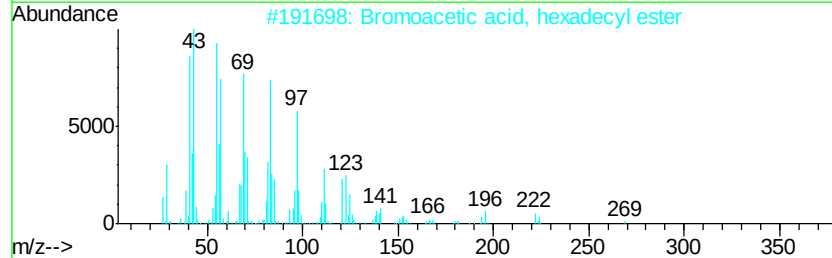
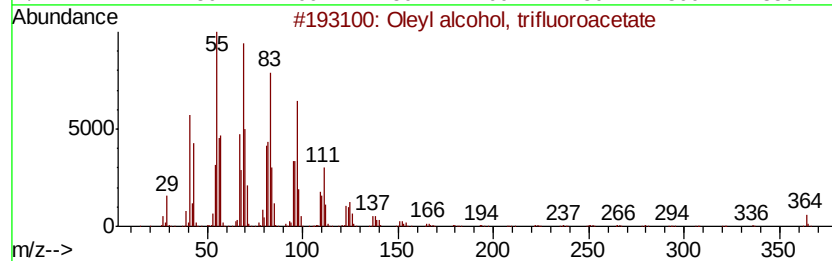
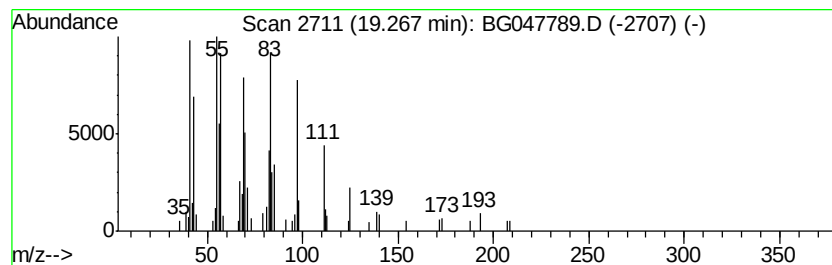
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Oleyl alcohol, trifluoroace... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	3.22 ng/ul	100390	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oleyl alcohol, trifluoroacetate	364	C20H35F3O2	1000352-68-4	91
2		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
3		Pentafluoropropionic acid, undec...	318	C14H23F5O2	959014-11-0	87
4		Cyclotetradecane	196	C14H28	000295-17-0	86
5		Cyclohexadecane	224	C16H32	000295-65-8	86



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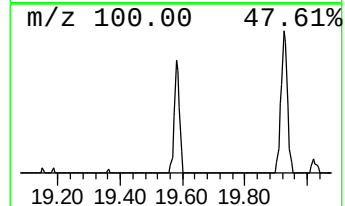
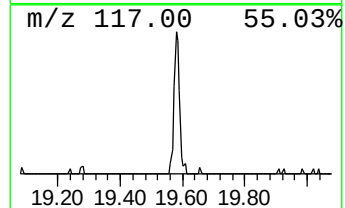
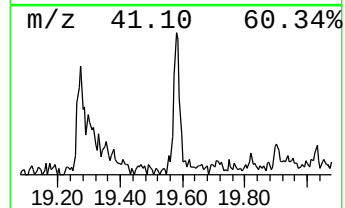
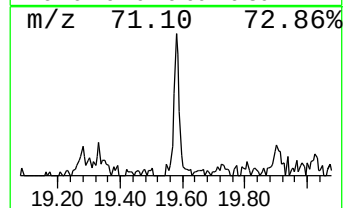
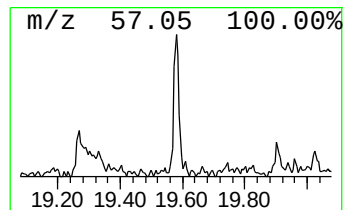
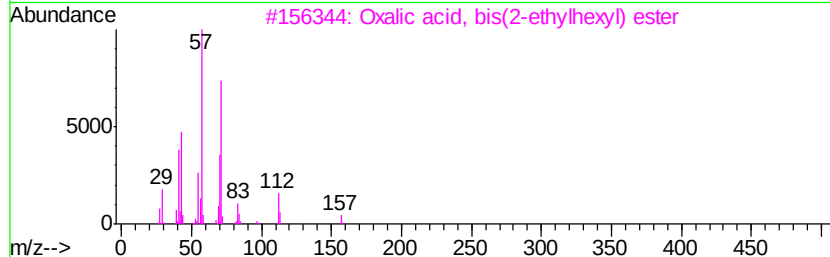
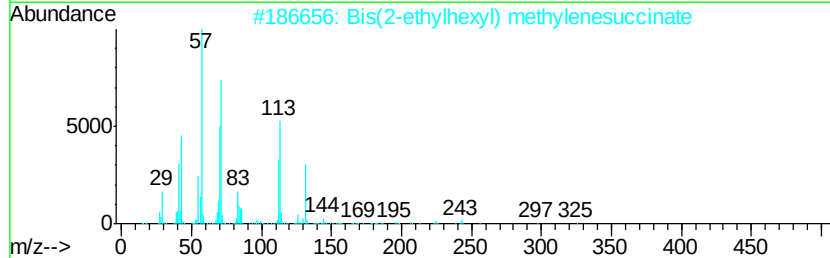
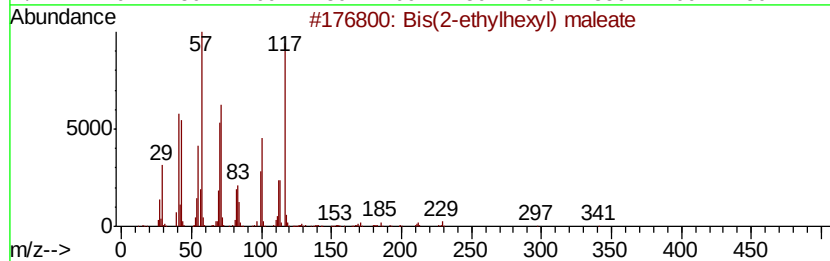
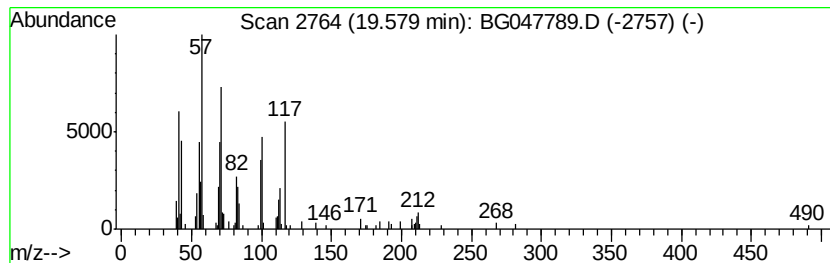
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Peak Number 3 Bis(2-ethylhexyl) maleate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	3.11 ng/ul	96973	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bis(2-ethylhexyl) maleate	340	C20H36O4	000142-16-5	68
2		Bis(2-ethylhexyl) methylenesucci...	354	C21H38O4	002287-83-4	38
3		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	27
4		Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	27
5		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122120\
Data File : BG047789.D
Acq On : 21 Dec 2020 21:44
Operator : CG/JU
Sample : L5114-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

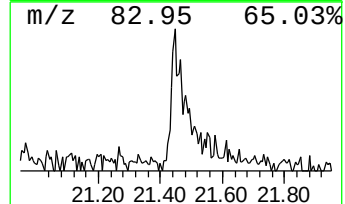
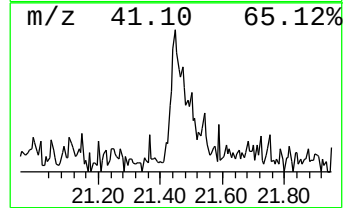
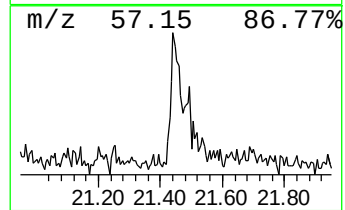
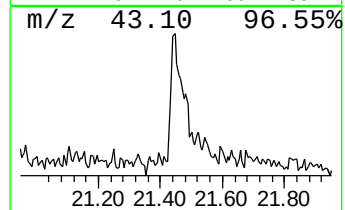
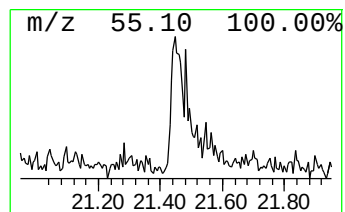
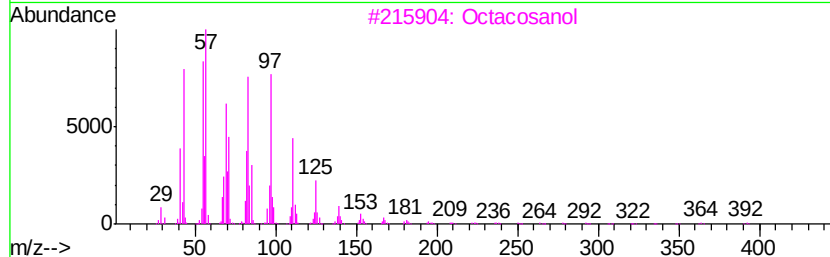
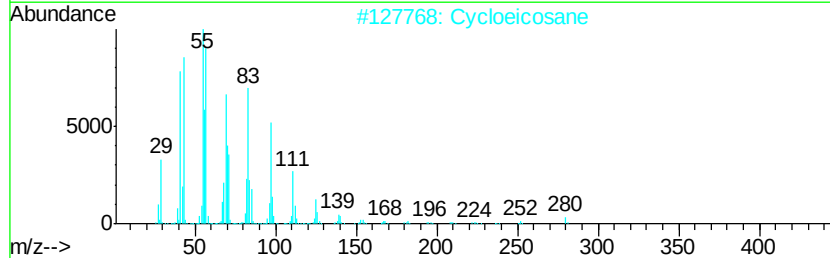
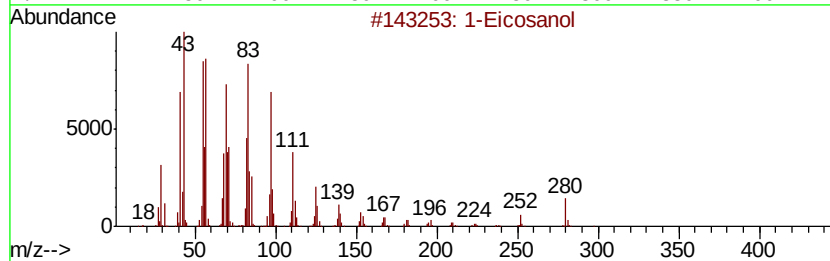
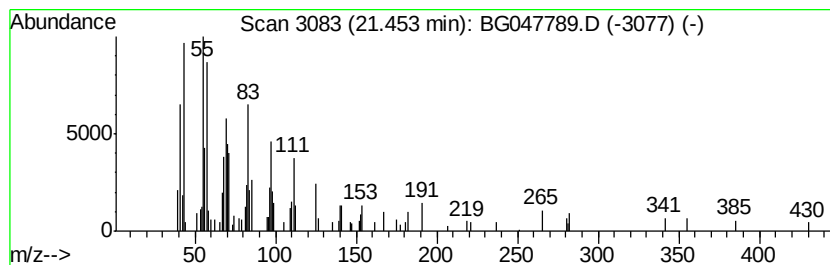
Instrument :
BNA_G
ClientSampleId :
A54Q1

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 4 1-Eicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	3.10 ng/ul	107274	Chrysene-d12	21.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Eicosanol		298 C20H42O	000629-96-9 90
2	Cycloeicosane		280 C20H40	000296-56-0 90
3	Octacosanol		410 C28H58O	000557-61-9 87
4	1-Heptacosanol		396 C27H56O	002004-39-9 87
5	Cetene		224 C16H32	000629-73-2 83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122120\
Data File : BG047789.D
Acq On : 21 Dec 2020 21:44
Operator : CG/JU
Sample : L5114-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A54Q1

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
2,4,7,9-Tetrameth...	13.70	19.9	ng/ul	455909	3	14.82	458240	20.0
Oleyl alcohol, tr...	19.27	3.2	ng/ul	100390	4	17.56	623744	20.0
Bis(2-ethylhexyl)...	19.58	3.1	ng/ul	96973	4	17.56	623744	20.0
1-Eicosanol	21.45	3.1	ng/ul	107274	5	21.83	691998	20.0