

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
 Data File : BG059132.D
 Acq On : 21 Sep 2023 7:05
 Operator : MA/JU
 Sample : 04344-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBHMO

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG059132.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.576	28	32	33	rBV2	3359	3137	0.25%	0.027%
2	3.606	33	37	42	rVB2	9171	14995	1.21%	0.128%
3	4.040	106	111	122	rBV	64117	109738	8.84%	0.938%
4	4.252	142	147	151	rVB2	7898	10708	0.86%	0.092%
5	4.546	195	197	202	rVB2	1592	2223	0.18%	0.019%
6	4.916	255	260	265	rVB2	20213	33190	2.67%	0.284%
7	5.897	424	427	434	rVB3	1410	2370	0.19%	0.020%
8	7.407	678	684	691	rBV	42770	71943	5.79%	0.615%
9	7.613	711	719	726	rBV	148638	244242	19.67%	2.088%
10	7.812	744	753	764	rBV2	131830	230509	18.57%	1.971%
11	8.294	829	835	843	rVB	116017	192925	15.54%	1.649%
12	8.976	945	951	959	rBV2	121835	207848	16.74%	1.777%
13	9.493	1029	1039	1048	rBV	178396	317095	25.54%	2.711%
14	10.210	1154	1161	1172	rVB	136766	242238	19.51%	2.071%
15	10.733	1243	1250	1258	rVB	199354	355547	28.64%	3.040%
16	11.138	1312	1319	1326	rBV	186045	313737	25.27%	2.682%
17	11.279	1337	1343	1354	rVB	187853	344565	27.75%	2.946%
18	12.066	1471	1477	1486	rVB2	38626	73417	5.91%	0.628%
19	12.701	1580	1585	1588	rBV4	3269	5761	0.46%	0.049%
20	12.777	1592	1598	1601	rVB	1382	2342	0.19%	0.020%
21	13.758	1760	1765	1769	rVB4	4149	7050	0.57%	0.060%
22	14.317	1854	1860	1866	rBV	429578	615934	49.61%	5.266%
23	14.628	1906	1913	1920	rBV2	491879	767528	61.82%	6.562%
24	14.693	1922	1924	1928	rVB	1676	2036	0.16%	0.017%
25	14.740	1928	1932	1937	rVB2	1112	2317	0.19%	0.020%
26	14.922	1956	1963	1970	rVB	279452	438971	35.36%	3.753%
27	15.092	1986	1992	2001	rBV	44518	70961	5.72%	0.607%
28	15.192	2004	2009	2012	rBV3	1556	2293	0.18%	0.020%
29	15.321	2027	2031	2037	rVB	2141	4110	0.33%	0.035%
30	15.509	2060	2063	2068	rVB3	4250	6292	0.51%	0.054%
31	15.703	2093	2096	2100	rVB	1933	2402	0.19%	0.021%
32	15.915	2124	2132	2138	rBV	610927	957303	77.11%	8.185%
33	16.015	2144	2149	2157	rVB	226758	326664	26.31%	2.793%
34	16.156	2167	2173	2175	rBV2	3988	7384	0.59%	0.063%
35	16.297	2193	2197	2198	rBV	1867	2003	0.16%	0.017%
36	16.485	2227	2229	2233	rVB	1916	1959	0.16%	0.017%

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37	16.690	2260	2264	2267	rVB2	2120	2018	0.16%	0.017%
38	16.725	2267	2270	2275	rBV2	1515	2741	0.22%	0.023%
39	17.431	2386	2390	2393	rBV	2677	2790	0.22%	0.024%
40	17.671	2425	2431	2437	rBV	369421	568266	45.77%	4.858%

41	17.771	2441	2448	2457	rVV2	706301	1092982	88.04%	9.345%
42	18.059	2495	2497	2500	rBV3	2041	1997	0.16%	0.017%
43	18.188	2517	2519	2523	rVB2	1864	2184	0.18%	0.019%
44	18.277	2532	2534	2539	rVV4	1877	2690	0.22%	0.023%
45	18.335	2542	2544	2546	rVB3	2123	1934	0.16%	0.017%

46	18.494	2566	2571	2582	rBV3	34821	63007	5.08%	0.539%
47	18.588	2584	2587	2591	rVB5	4889	5866	0.47%	0.050%
48	18.676	2601	2602	2607	rBV3	2988	3426	0.28%	0.029%
49	18.870	2632	2635	2636	rBV2	1729	1858	0.15%	0.016%
50	18.894	2636	2639	2640	rBV3	2307	2269	0.18%	0.019%

51	19.170	2681	2686	2689	rVB5	2233	3599	0.29%	0.031%
52	19.393	2722	2724	2728	rVB3	2693	2813	0.23%	0.024%
53	19.493	2738	2741	2743	rBV3	2531	2661	0.21%	0.023%
54	19.610	2756	2761	2766	rBV4	11312	18609	1.50%	0.159%
55	19.681	2768	2773	2776	rVB4	8599	12084	0.97%	0.103%

56	19.751	2782	2785	2793	rBV5	17878	26977	2.17%	0.231%
57	19.828	2796	2798	2801	rVB3	2823	2269	0.18%	0.019%
58	19.898	2807	2810	2815	rBV3	7623	7145	0.58%	0.061%
59	20.045	2829	2835	2842	rBV2	869780	1222365	98.46%	10.451%
60	20.221	2863	2865	2866	rBV2	2632	2503	0.20%	0.021%

61	20.274	2871	2874	2875	rVV3	2895	3079	0.25%	0.026%
62	20.315	2879	2881	2884	rBV3	2775	3280	0.26%	0.028%
63	20.492	2908	2911	2914	rVB4	4410	6078	0.49%	0.052%
64	20.832	2967	2969	2971	rBV3	2649	2407	0.19%	0.021%
65	20.938	2985	2987	2994	rVB4	7675	8737	0.70%	0.075%

66	21.073	3008	3010	3011	rBV3	3187	1862	0.15%	0.016%
67	21.285	3044	3046	3049	rBV3	2795	2697	0.22%	0.023%
68	21.543	3085	3090	3100	rBV7	15912	46607	3.75%	0.398%
69	21.802	3132	3134	3140	rVB7	6275	7827	0.63%	0.067%
70	21.996	3159	3167	3175	rVB	315459	564501	45.47%	4.826%

71	22.107	3184	3186	3192	rVB7	8173	12054	0.97%	0.103%
72	23.341	3394	3396	3398	rBV3	2635	2367	0.19%	0.020%
73	23.518	3421	3426	3435	rVB4	12155	23554	1.90%	0.201%
74	23.706	3456	3458	3459	rBV2	2910	2693	0.22%	0.023%
75	23.782	3470	3471	3473	rBV2	3571	2724	0.22%	0.023%

76	23.847	3480	3482	3484	rBV3	1899	1990	0.16%	0.017%
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77	24.399	3568	3576	3584	rBV5	15372	37400	3.01%	0.320%
78	25.292	3716	3728	3740	rBV2	401941	1241514	100.00%	10.614%
79	25.439	3749	3753	3754	rBV4	11808	13494	1.09%	0.115%
80	25.539	3760	3770	3782	rVB3	197943	605758	48.79%	5.179%
81	25.727	3800	3802	3805	rBV3	3291	3132	0.25%	0.027%
82	26.109	3865	3867	3869	rVB2	3299	2413	0.19%	0.021%
83	26.214	3882	3885	3886	rBV3	2206	1966	0.16%	0.017%
84	26.696	3964	3967	3968	rBV3	7697	8702	0.70%	0.074%
85	27.107	4036	4037	4040	rVB3	3167	2184	0.18%	0.019%
86	27.495	4099	4103	4104	rBV3	2256	3226	0.26%	0.028%
87	27.754	4145	4147	4148	rVB2	3199	1969	0.16%	0.017%
88	28.335	4244	4246	4251	rBV6	2879	3752	0.30%	0.032%
89	28.406	4255	4258	4259	rBV2	2143	2335	0.19%	0.020%
90	29.158	4382	4386	4387	rBV4	2639	2768	0.22%	0.024%
91	29.270	4402	4405	4406	rBV2	2672	2091	0.17%	0.018%
92	29.364	4420	4421	4423	rBV	2254	2131	0.17%	0.018%
93	29.593	4457	4460	4462	rBV3	2397	2969	0.24%	0.025%
94	29.857	4503	4505	4507	rBV2	2151	2733	0.22%	0.023%
95	29.934	4516	4518	4520	rVB3	2963	2093	0.17%	0.018%
96	29.963	4520	4523	4524	rBV2	2693	2794	0.23%	0.024%
97	30.603	4630	4632	4634	rBV2	2098	1932	0.16%	0.017%
98	31.273	4743	4746	4747	rBV	2148	1914	0.15%	0.016%
99	31.632	4804	4807	4809	rBV2	3035	3660	0.29%	0.031%
100	32.008	4870	4871	4874	rVB3	2376	2242	0.18%	0.019%

Sum of corrected areas: 11696419

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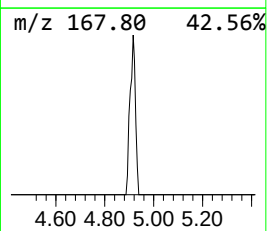
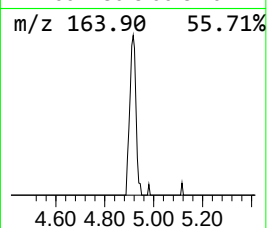
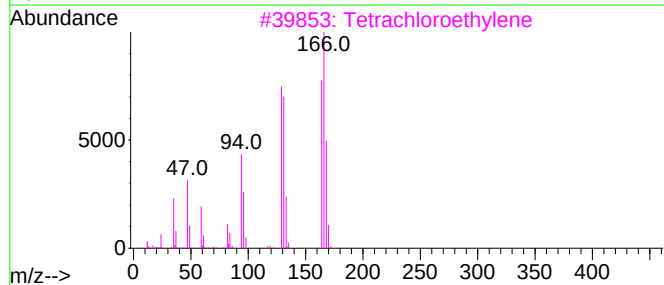
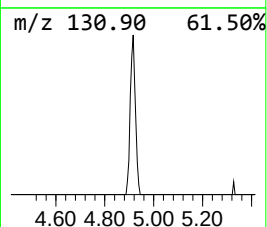
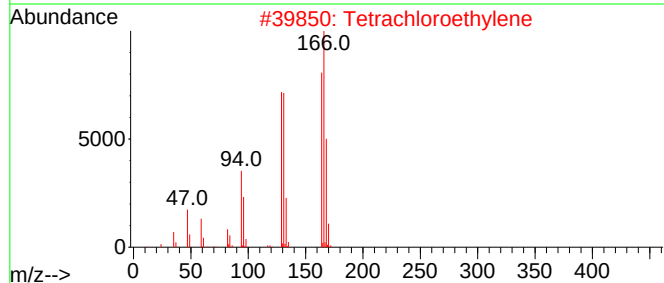
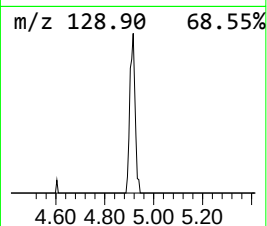
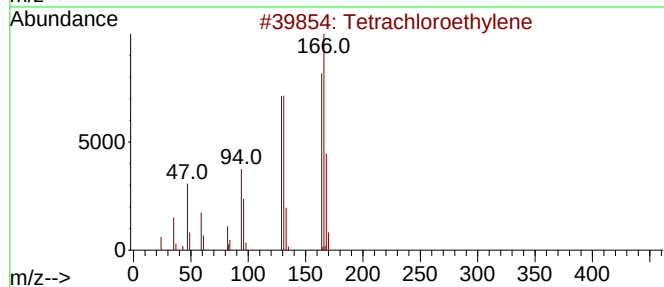
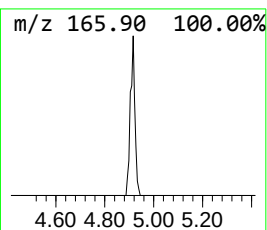
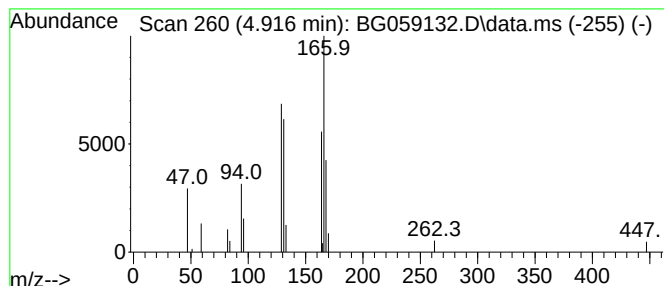
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.916	3.44 ng/ul	33190	1,4-Dichlorobenzene-d4	8.300

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetrachloroethylene	164	C2Cl4	000127-18-4	74
2			Tetrachloroethylene	164	C2Cl4	000127-18-4	53
3			Tetrachloroethylene	164	C2Cl4	000127-18-4	50
4			Tetrachloroethylene	164	C2Cl4	000127-18-4	42
5			2,4-Dichloro-6-fluoropyrimidine	166	C4HC12FN2	003833-57-6	38



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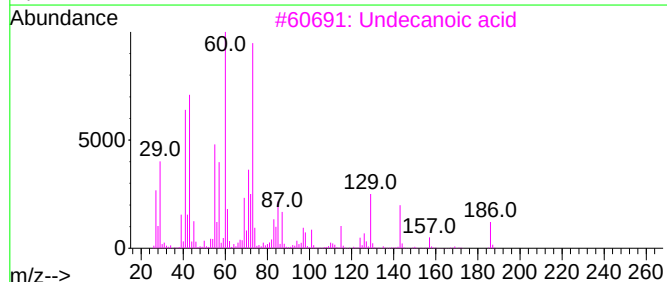
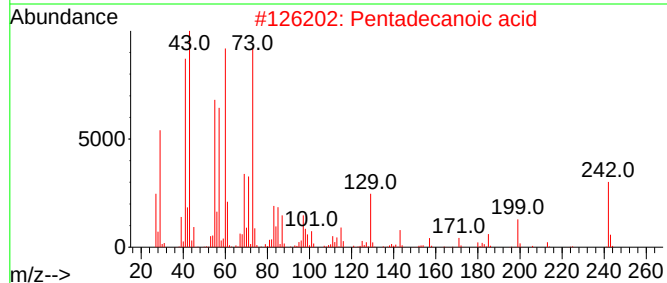
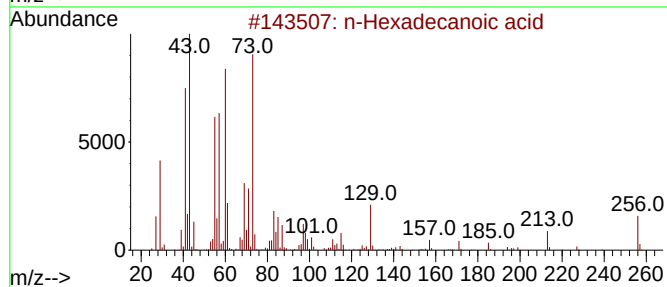
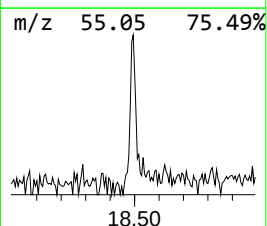
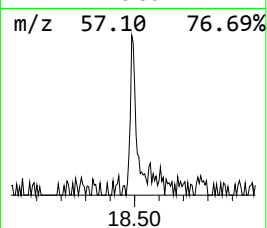
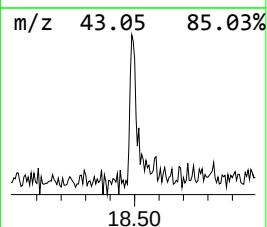
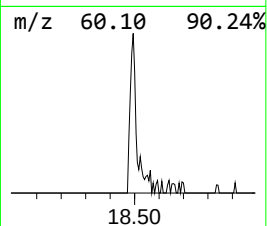
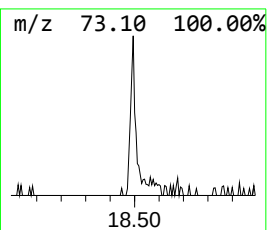
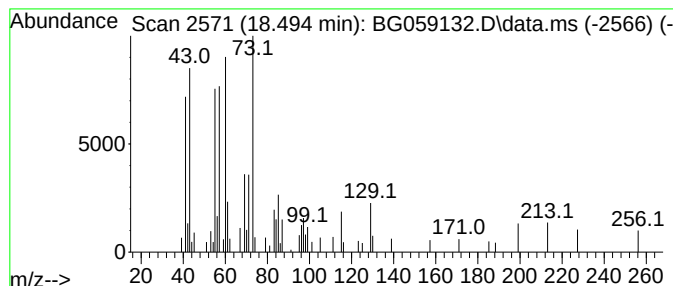
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.494	2.22 ng/ul	63007	Phenanthrene-d10	17.671

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3			Undecanoic acid	186	C11H22O2	000112-37-8	64
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5			Undecanoic acid	186	C11H22O2	000112-37-8	58



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetrachloroethy...	4.916	3.4	ng/ul	33190	1	8.300	192925	20.0
n-Hexadecanoic ...	18.494	2.2	ng/ul	63007	4	17.671	568266	20.0