

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
 Data File : BG059116.D
 Acq On : 20 Sep 2023 19:30
 Operator : MA/JU
 Sample : 04378-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBJG3

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: BG059116.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.614	35	38	43	rVB5	8140	11651	0.89%	0.094%
2	4.043	106	111	121	rBV	45919	77778	5.91%	0.629%
3	4.148	127	129	133	rVB2	2622	2210	0.17%	0.018%
4	4.254	144	147	151	rVB4	7703	8889	0.68%	0.072%
5	4.912	251	259	278	rBV	444755	774644	58.85%	6.268%
6	5.788	405	408	411	rVB2	1723	1971	0.15%	0.016%
7	7.409	678	684	692	rBV2	40191	71031	5.40%	0.575%
8	7.615	712	719	727	rVB	138031	236155	17.94%	1.911%
9	7.809	746	752	759	rBV	122554	222041	16.87%	1.797%
10	8.297	829	835	842	rBV	107833	181951	13.82%	1.472%
11	8.978	944	951	959	rBV2	106931	186132	14.14%	1.506%
12	9.495	1031	1039	1049	rVB	160155	289867	22.02%	2.345%
13	9.701	1070	1074	1080	rVB	2415	4062	0.31%	0.033%
14	10.212	1154	1161	1168	rBV	125486	223665	16.99%	1.810%
15	10.735	1241	1250	1261	rBV	194531	333816	25.36%	2.701%
16	11.140	1311	1319	1326	rBV	169045	296345	22.52%	2.398%
17	11.281	1336	1343	1350	rVB2	179367	319061	24.24%	2.582%
18	12.069	1469	1477	1485	rBV	64257	119580	9.09%	0.968%
19	12.697	1579	1584	1586	rBV	3128	4399	0.33%	0.036%
20	13.755	1760	1764	1769	rVB2	4606	7164	0.54%	0.058%
21	14.319	1854	1860	1866	rBV	406639	592601	45.02%	4.795%
22	14.630	1904	1913	1920	rBV	444955	701914	53.33%	5.680%
23	14.924	1956	1963	1972	rVB	267871	413802	31.44%	3.348%
24	15.094	1983	1992	1999	rBV	49608	78797	5.99%	0.638%
25	15.330	2029	2032	2036	rVB2	1166	1842	0.14%	0.015%
26	15.911	2123	2131	2141	rBV	619460	924432	70.24%	7.480%
27	16.017	2141	2149	2158	rVV	226641	330592	25.12%	2.675%
28	16.146	2168	2171	2175	rBV2	3572	4001	0.30%	0.032%
29	17.674	2425	2431	2438	rBV	340967	528026	40.12%	4.273%
30	17.774	2441	2448	2455	rBV2	717173	1078436	81.94%	8.726%
31	17.915	2466	2472	2473	rVB	1238	1828	0.14%	0.015%
32	18.273	2530	2533	2537	rVB2	5315	6053	0.46%	0.049%
33	18.496	2566	2571	2583	rBV2	36568	59050	4.49%	0.478%
34	18.626	2590	2593	2597	rBV2	2667	3234	0.25%	0.026%
35	18.896	2636	2639	2640	rBV	2481	2795	0.21%	0.023%
36	19.049	2660	2665	2671	rVB3	4728	6428	0.49%	0.052%

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37	19.113	2671	2676	2679	rVB4	1787	2150	0.16%	0.017%
38	19.401	2723	2725	2727	rBV3	2309	2496	0.19%	0.020%
39	19.431	2727	2730	2735	rVB6	9820	13055	0.99%	0.106%
40	19.613	2757	2761	2764	rBV2	10529	15079	1.15%	0.122%
41	19.677	2768	2772	2778	rVB3	11082	18875	1.43%	0.153%
42	19.754	2779	2785	2791	rBV3	16813	23474	1.78%	0.190%
43	19.901	2807	2810	2813	rBV3	6031	6685	0.51%	0.054%
44	20.047	2827	2835	2843	rBV	948491	1316193	100.00%	10.650%
45	20.177	2855	2857	2861	rVB4	3315	4698	0.36%	0.038%
46	20.224	2861	2865	2869	rBV2	3055	4526	0.34%	0.037%
47	20.265	2869	2872	2874	rBV3	3127	3128	0.24%	0.025%
48	20.476	2906	2908	2909	rBV	2302	2266	0.17%	0.018%
49	20.494	2909	2911	2914	rVB3	4369	3011	0.23%	0.024%
50	20.753	2953	2955	2958	rBV3	2576	3082	0.23%	0.025%
51	20.941	2984	2987	2992	rVB5	5642	8623	0.66%	0.070%
52	20.999	2995	2997	2998	rBV2	4827	4407	0.33%	0.036%
53	21.123	3013	3018	3020	rBV6	3416	5766	0.44%	0.047%
54	21.546	3085	3090	3095	rBV7	16229	36157	2.75%	0.293%
55	21.804	3132	3134	3138	rBV3	4891	5132	0.39%	0.042%
56	21.992	3159	3166	3173	rBV2	297845	531073	40.35%	4.297%
57	22.116	3185	3187	3191	rVB4	6138	4851	0.37%	0.039%
58	22.709	3287	3288	3291	rBV3	2670	3243	0.25%	0.026%
59	22.768	3293	3298	3302	rBV6	6439	13859	1.05%	0.112%
60	23.173	3365	3367	3369	rBV2	3248	2574	0.20%	0.021%
61	23.326	3391	3393	3395	rBV3	2786	2356	0.18%	0.019%
62	23.526	3421	3427	3434	rVB6	9655	20705	1.57%	0.168%
63	23.620	3442	3443	3446	rBV2	2815	2144	0.16%	0.017%
64	23.667	3448	3451	3453	rBV4	2863	3746	0.28%	0.030%
65	23.731	3457	3462	3468	rVB4	15259	28510	2.17%	0.231%
66	23.814	3475	3476	3479	rBV3	2545	2550	0.19%	0.021%
67	23.884	3487	3488	3491	rBV3	2472	2329	0.18%	0.019%
68	24.090	3521	3523	3527	rBV4	3007	3297	0.25%	0.027%
69	24.407	3570	3577	3584	rBV3	14157	33605	2.55%	0.272%
70	24.542	3598	3600	3601	rBV2	3722	2138	0.16%	0.017%
71	24.666	3618	3621	3623	rBV4	2149	2734	0.21%	0.022%
72	24.842	3648	3651	3653	rBV4	2272	3181	0.24%	0.026%
73	25.294	3714	3728	3741	rBV2	439370	1290975	98.08%	10.446%
74	25.453	3748	3755	3759	rBV3	14975	36761	2.79%	0.297%
75	25.541	3760	3770	3785	rVB2	186384	588683	44.73%	4.763%
76	25.894	3828	3830	3833	rBV3	1972	2352	0.18%	0.019%

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77	26.040	3854	3855	3858	rBV	1827	2216	0.17%	0.018%
78	26.082	3861	3862	3865	rBV2	2751	3260	0.25%	0.026%
79	26.346	3905	3907	3910	rBV3	2034	1824	0.14%	0.015%
80	26.405	3915	3917	3918	rBV2	2984	2214	0.17%	0.018%
81	26.710	3960	3969	3980	rBV5	19754	62559	4.75%	0.506%
82	26.828	3986	3989	3990	rBV3	2958	2943	0.22%	0.024%
83	26.898	4000	4001	4003	rBV2	2022	2051	0.16%	0.017%
84	27.098	4033	4035	4038	rVB4	2913	2754	0.21%	0.022%
85	27.780	4149	4151	4153	rBV	1990	2465	0.19%	0.020%
86	28.220	4219	4226	4240	rVB6	16806	64110	4.87%	0.519%
87	28.978	4353	4355	4357	rBV2	4213	3558	0.27%	0.029%
88	29.413	4427	4429	4432	rBV3	2048	2238	0.17%	0.018%
89	29.442	4432	4434	4435	rBV	2409	1930	0.15%	0.016%
90	29.795	4492	4494	4497	rVB2	2981	2060	0.16%	0.017%
91	29.918	4513	4515	4516	rBV	3272	2719	0.21%	0.022%
92	29.942	4516	4519	4521	rVB3	2327	2985	0.23%	0.024%
93	30.001	4527	4529	4532	rBV3	3097	3378	0.26%	0.027%
94	30.036	4532	4535	4536	rBV3	7090	7793	0.59%	0.063%
95	30.277	4574	4576	4580	rBV3	1999	2434	0.18%	0.020%
96	30.371	4589	4592	4593	rBV2	3368	2969	0.23%	0.024%
97	30.706	4647	4649	4653	rBV4	1685	2253	0.17%	0.018%
98	32.092	4883	4885	4888	rBV3	2608	2009	0.15%	0.016%
99	32.216	4900	4906	4907	rBV3	3162	5121	0.39%	0.041%
100	32.233	4907	4909	4911	rBV2	3205	3957	0.30%	0.032%

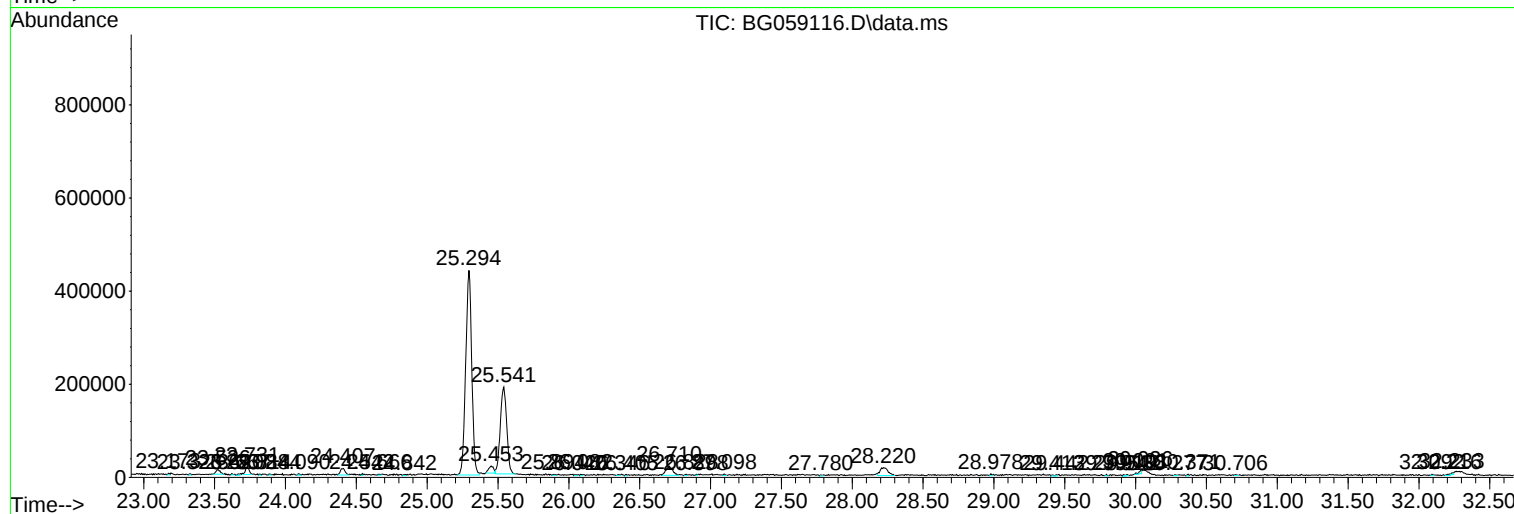
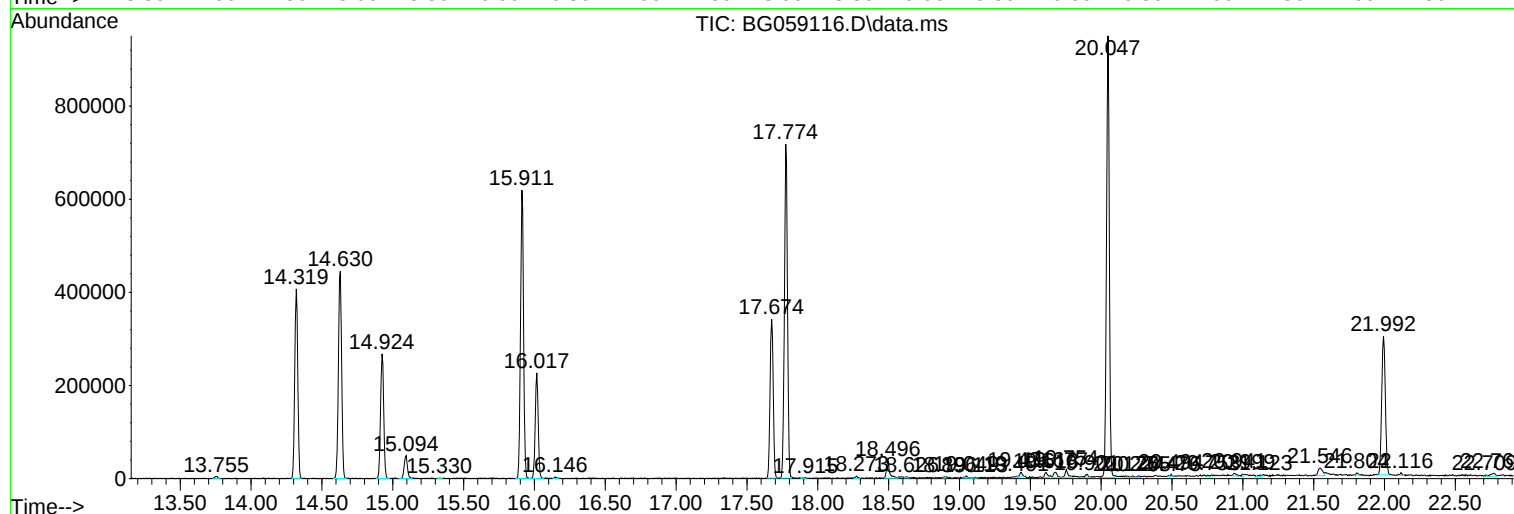
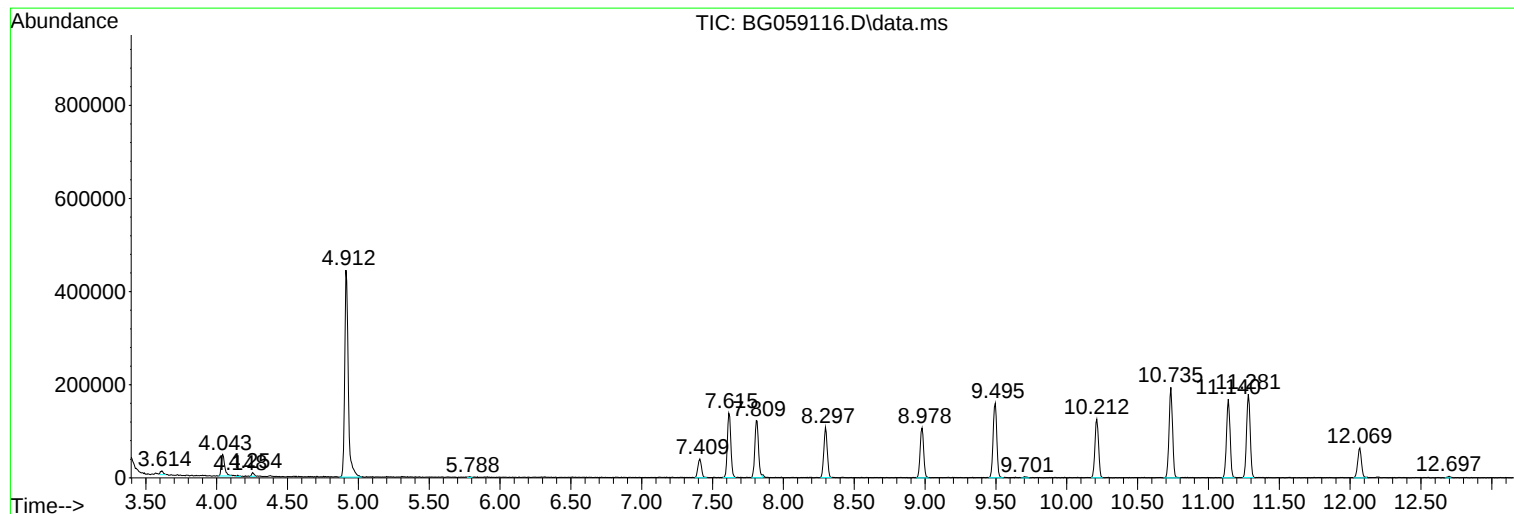
Sum of corrected areas: 12358512

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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



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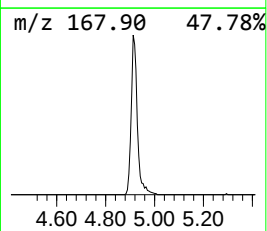
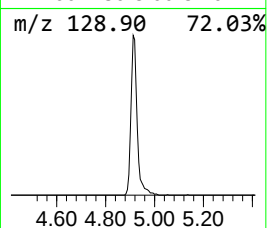
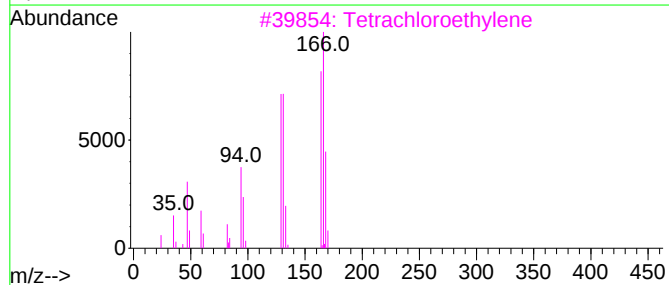
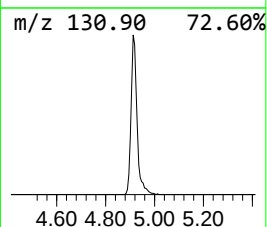
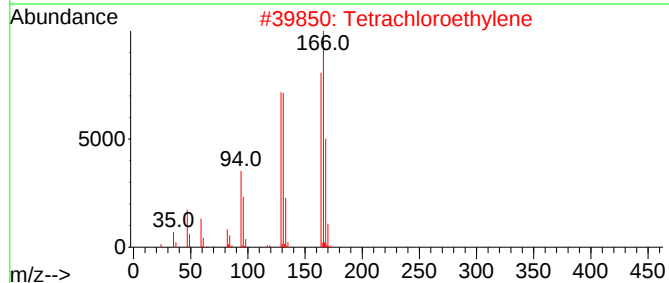
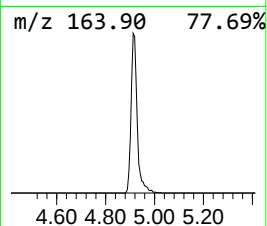
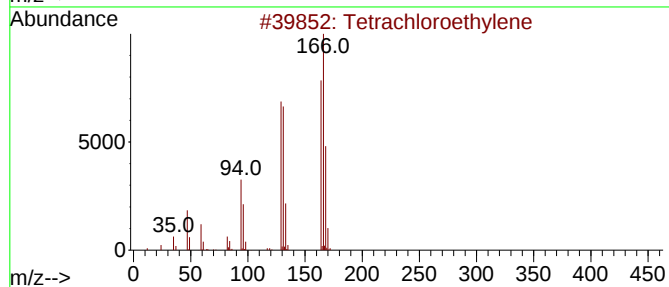
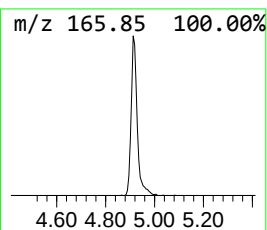
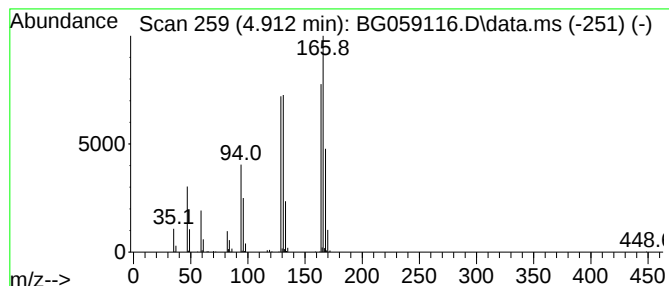
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

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.
4.912	85.15 ng/ul	774644	1,4-Dichlorobenzene-d4	8.297

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2			Tetrachloroethylene	164	C2Cl4	000127-18-4	98
3			Tetrachloroethylene	164	C2Cl4	000127-18-4	96
4			Tetrachloroethylene	164	C2Cl4	000127-18-4	94
5			Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HC12FN2	002927-71-1	38



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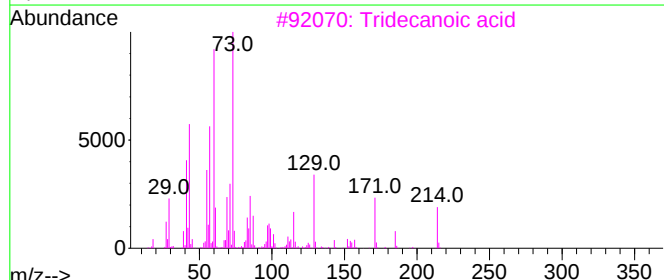
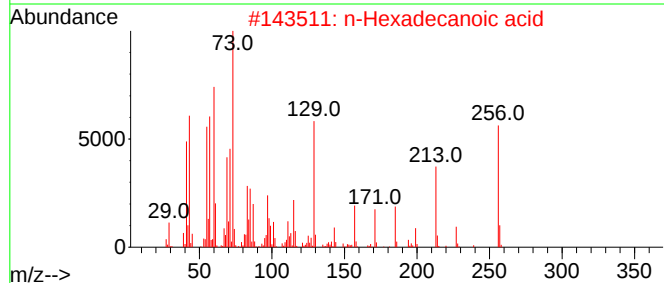
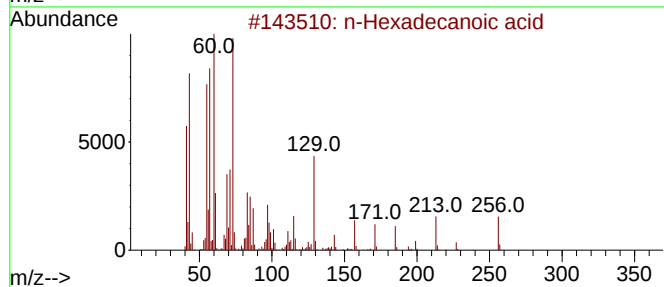
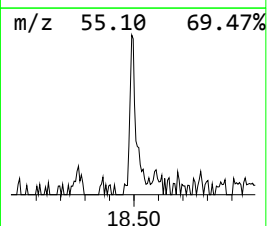
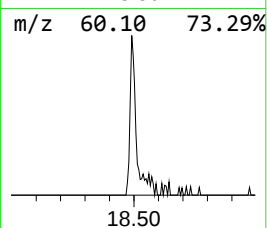
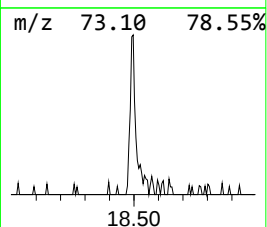
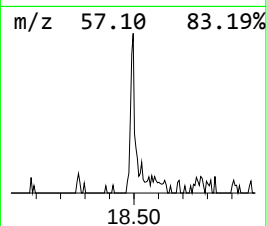
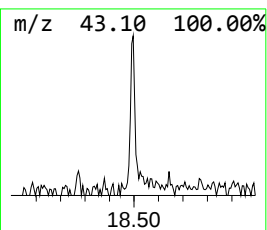
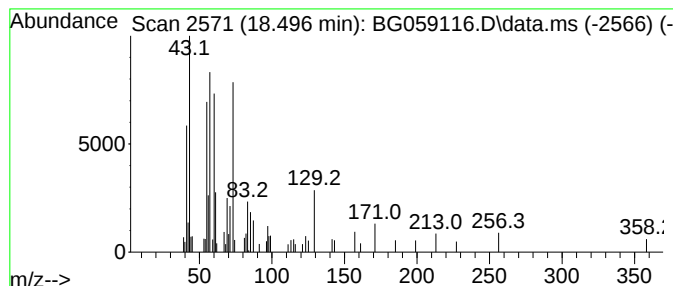
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.496	2.24 ng/ul	59050	Phenanthrene-d10	17.674

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3			Tridecanoic acid	214	C13H26O2	000638-53-9	80
4			Tridecanoic acid	214	C13H26O2	000638-53-9	80
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74



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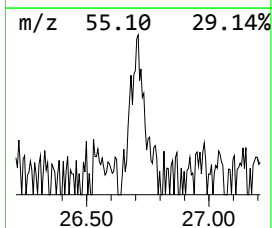
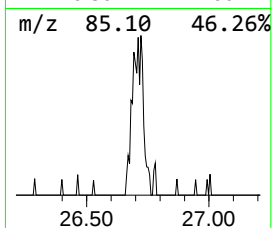
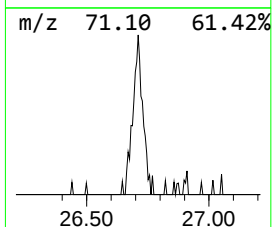
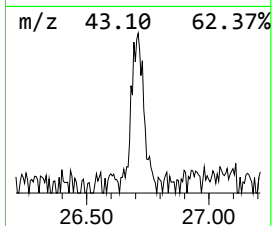
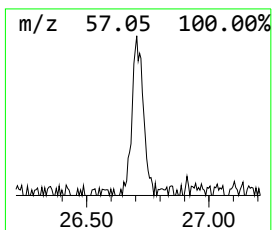
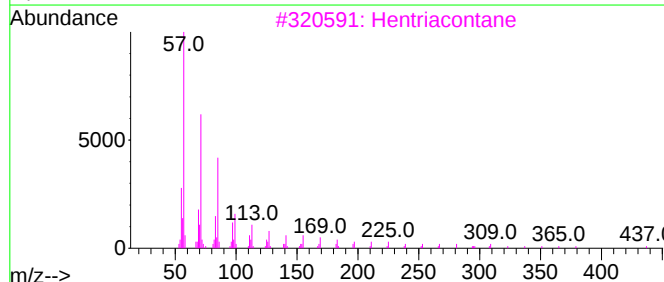
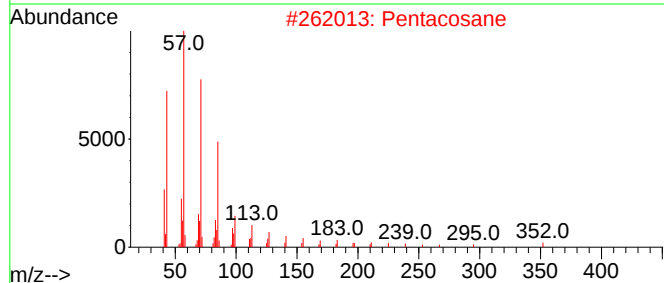
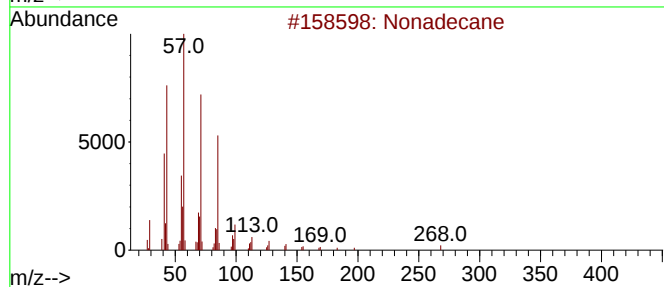
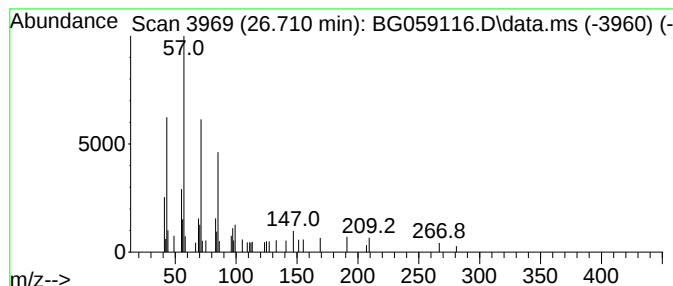
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.710	2.13 ng/ul	62559	Perylene-d12	25.541

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	87
2			Pentacosane	352	C25H52	000629-99-2	87
3			Hentriacontane	437	C31H64	000630-04-6	87
4			Hexacosane	366	C26H54	000630-01-3	87
5			Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059116.D
Acq On : 20 Sep 2023 19:30
Operator : MA/JU
Sample : 04378-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJG3

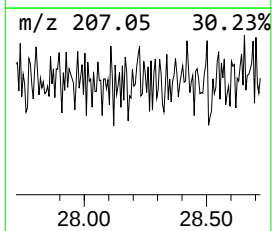
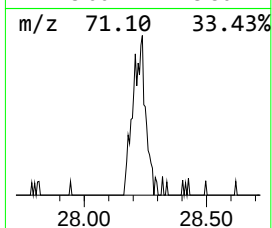
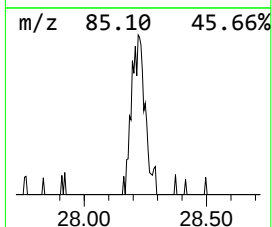
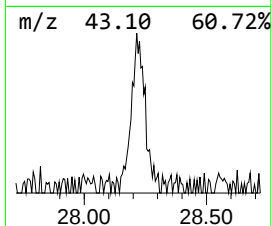
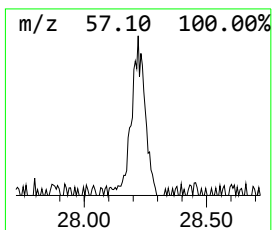
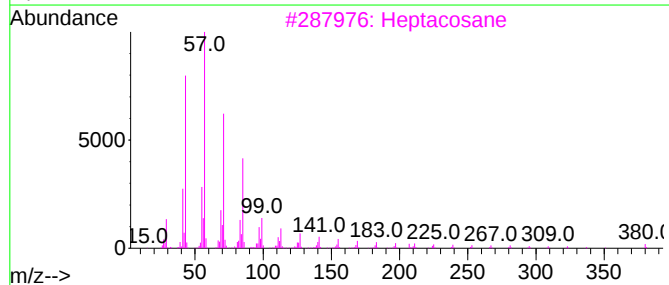
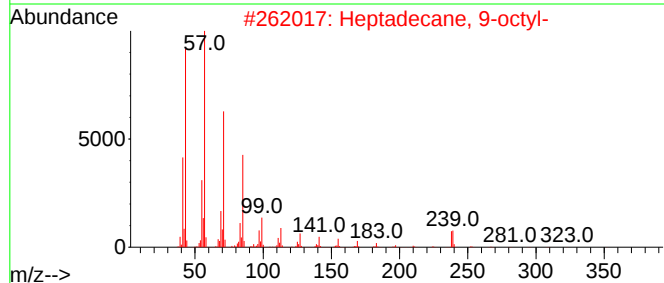
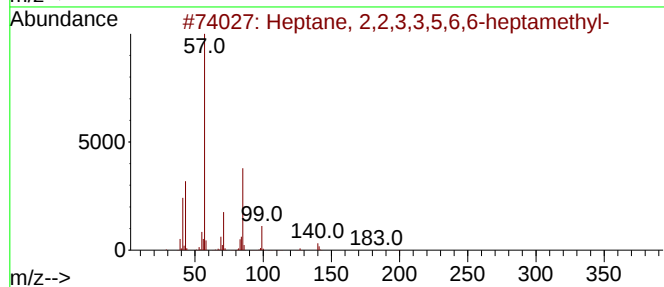
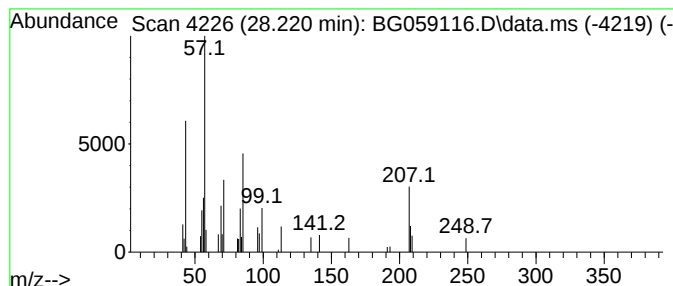
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.220	2.18 ng/ul	64110	Perylene-d12	25.541

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	43
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	43
3		Heptacosane	380	C27H56	000593-49-7	38
4		Octadecane, 4-methyl-	268	C19H40	010544-95-3	38
5		Heptadecane, 4-methyl-	254	C18H38	026429-11-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059116.D
Acq On : 20 Sep 2023 19:30
Operator : MA/JU
Sample : 04378-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJG3

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetrachloroethy...	4.912	85.2	ng/u1	774644	1	8.297	181951	20.0
n-Hexadecanoic ...	18.496	2.2	ng/u1	59050	4	17.674	528026	20.0
(DEL) Alkane: S...	26.710	2.1	ng/u1	62559	6	25.541	588683	20.0
(DEL) Alkane: S...	28.220	2.2	ng/u1	64110	6	25.541	588683	20.0