

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061384.D
 Acq On : 31 May 2024 8:10
 Operator : MA/JU
 Sample : P2570-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6C1

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-BG052124.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG061384.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	6	9	10	rBV	9675	10948	1.33%	0.092%
2	3.081	10	16	33	rVB	221311	448135	54.37%	3.751%
3	3.339	55	60	63	rBV5	4787	7463	0.91%	0.062%
4	3.615	102	107	113	rBV3	5398	9816	1.19%	0.082%
5	3.745	124	129	142	rVV	53299	97310	11.81%	0.814%
6	3.862	144	149	153	rVB2	4776	6399	0.78%	0.054%
7	5.948	501	504	506	rBV2	3745	4672	0.57%	0.039%
8	7.058	686	693	705	rVB	118127	192520	23.36%	1.611%
9	7.205	709	718	726	rVB	74213	118100	14.33%	0.988%
10	7.411	747	753	759	rVV	106932	179807	21.82%	1.505%
11	7.875	824	832	838	rBV	112540	186888	22.68%	1.564%
12	7.928	838	841	848	rVV3	3768	6219	0.75%	0.052%
13	8.592	947	954	962	rBV2	136997	228252	27.69%	1.910%
14	9.027	1021	1028	1037	rVB	110525	195271	23.69%	1.634%
15	9.585	1119	1123	1130	rVB2	12517	18106	2.20%	0.152%
16	9.749	1145	1151	1160	rBV	102005	176372	21.40%	1.476%
17	10.302	1238	1245	1254	rBV	146285	251021	30.46%	2.101%
18	10.437	1263	1268	1279	rBV	26564	45568	5.53%	0.381%
19	10.666	1300	1307	1314	rBV	151871	256223	31.09%	2.144%
20	10.801	1324	1330	1344	rVB	108806	202346	24.55%	1.694%
21	11.195	1393	1397	1402	rVB2	4249	6039	0.73%	0.051%
22	11.406	1427	1433	1440	rBV3	10839	20056	2.43%	0.168%
23	13.333	1757	1761	1766	rBV2	3911	4579	0.56%	0.038%
24	13.915	1854	1860	1866	rVB	258315	370882	45.00%	3.104%
25	14.203	1902	1909	1919	rVB2	277290	426765	51.78%	3.572%
26	14.509	1954	1961	1967	rVV	229304	349634	42.42%	2.926%
27	14.573	1967	1972	1977	rVB	4282	6771	0.82%	0.057%
28	14.744	1987	2001	2011	rBV2	68661	158660	19.25%	1.328%
29	15.308	2091	2097	2103	rBV3	3028	4565	0.55%	0.038%
30	15.501	2123	2130	2137	rBV	363650	550704	66.82%	4.609%
31	15.554	2137	2139	2145	rVV2	4662	5700	0.69%	0.048%
32	15.637	2148	2153	2163	rVV	89780	132408	16.07%	1.108%
33	16.224	2245	2253	2255	rBV3	4296	6244	0.76%	0.052%
34	16.912	2366	2370	2378	rVB4	6405	10823	1.31%	0.091%
35	17.017	2384	2388	2390	rVV4	3922	5792	0.70%	0.048%
36	17.076	2393	2398	2403	rVB5	4388	7088	0.86%	0.059%

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ClientSampleId :
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Integrator: RTE

Smoothing : OFF

Sampling : 1

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Stop Thrs : 0

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Title : SVOA CALIBRATION

37	17.258	2422	2429	2433	rBV	295042	429413	52.10%	3.594%
38	17.299	2433	2436	2441	rVV	86847	120785	14.66%	1.011%
39	17.358	2441	2446	2457	rVB2	405512	606852	73.63%	5.079%
40	17.446	2457	2461	2468	rVB5	4171	6268	0.76%	0.052%
41	17.664	2494	2498	2502	rVB	6891	8412	1.02%	0.070%
42	17.769	2514	2516	2521	rVB3	4180	5709	0.69%	0.048%
43	17.840	2521	2528	2531	rBV3	4334	7308	0.89%	0.061%
44	18.157	2572	2582	2584	rBV3	40327	83478	10.13%	0.699%
45	18.181	2584	2586	2591	rVV	35680	50167	6.09%	0.420%
46	18.216	2591	2592	2596	rVB2	5971	5702	0.69%	0.048%
47	18.263	2596	2600	2604	rBV4	3772	6314	0.77%	0.053%
48	18.328	2604	2611	2615	rVV3	24199	46701	5.67%	0.391%
49	18.363	2615	2617	2622	rVB2	15556	19781	2.40%	0.166%
50	18.445	2628	2631	2635	rBV5	4220	4823	0.59%	0.040%
51	18.492	2635	2639	2642	rBV5	6947	10536	1.28%	0.088%
52	18.533	2644	2646	2650	rVV4	4877	5640	0.68%	0.047%
53	18.633	2659	2663	2667	rBV	15476	21493	2.61%	0.180%
54	18.680	2667	2671	2676	rVV2	24790	35753	4.34%	0.299%
55	18.756	2679	2684	2687	rBV3	2797	5128	0.62%	0.043%
56	18.880	2696	2705	2708	rBV6	9097	20983	2.55%	0.176%
57	18.933	2711	2714	2717	rVB4	8386	7327	0.89%	0.061%
58	18.968	2717	2720	2724	rVB5	6142	8860	1.08%	0.074%
59	19.050	2728	2734	2740	rBV4	21042	45406	5.51%	0.380%
60	19.103	2741	2743	2749	rVB5	6133	8854	1.07%	0.074%
61	19.150	2749	2751	2754	rVB4	5919	5930	0.72%	0.050%
62	19.203	2754	2760	2767	rBV5	19695	42166	5.12%	0.353%
63	19.315	2771	2779	2786	rVB	212088	311260	37.77%	2.605%
64	19.379	2786	2790	2793	rBV5	8442	11663	1.42%	0.098%
65	19.432	2793	2799	2803	rBV8	12334	27728	3.36%	0.232%
66	19.520	2809	2814	2818	rBV6	9861	14968	1.82%	0.125%
67	19.561	2818	2821	2824	rVV3	7408	8775	1.06%	0.073%
68	19.650	2830	2836	2839	rBV	558874	824175	100.00%	6.898%
69	19.679	2839	2841	2848	rVB	215183	264159	32.05%	2.211%
70	19.744	2850	2852	2853	rVV2	13125	10248	1.24%	0.086%
71	19.785	2856	2859	2864	rVB5	14234	18036	2.19%	0.151%
72	19.855	2868	2871	2876	rVB	9703	12554	1.52%	0.105%
73	19.914	2879	2881	2887	rVB4	16614	24787	3.01%	0.207%
74	20.008	2891	2897	2903	rBV4	23005	59566	7.23%	0.499%
75	20.084	2908	2910	2912	rBV3	7445	5857	0.71%	0.049%
76	20.143	2916	2920	2921	rVV4	18405	27186	3.30%	0.228%

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 Title : SVOA CALIBRATION

77	20.172	2922	2925	2932	rVB3	34725	59810	7.26%	0.501%
78	20.278	2939	2943	2945	rBV2	16343	18951	2.30%	0.159%
79	20.331	2949	2952	2957	rVB	29747	40333	4.89%	0.338%
80	20.472	2973	2976	2980	rVB	19889	25724	3.12%	0.215%
81	20.519	2980	2984	2987	rBV2	22992	33088	4.01%	0.277%
82	20.572	2988	2993	2996	rVB	175481	207949	25.23%	1.740%
83	20.760	3023	3025	3029	rBV5	8691	9904	1.20%	0.083%
84	20.925	3050	3053	3060	rVB	35092	59257	7.19%	0.496%
85	21.101	3077	3083	3087	rBV4	28878	64264	7.80%	0.538%
86	21.142	3088	3090	3092	rVV	17696	20023	2.43%	0.168%
87	21.177	3092	3096	3103	rVV4	59061	135014	16.38%	1.130%
88	21.406	3131	3135	3140	rVB	105952	138002	16.74%	1.155%
89	21.506	3145	3152	3157	rBV2	360598	745451	90.45%	6.239%
90	21.553	3157	3160	3167	rVB	113951	176186	21.38%	1.475%
91	21.700	3182	3185	3190	rBV5	26111	44449	5.39%	0.372%
92	22.288	3280	3285	3292	rBV6	31962	62719	7.61%	0.525%
93	22.922	3388	3393	3400	rVB5	53448	118153	14.34%	0.989%
94	23.621	3505	3512	3520	rBV3	92005	288214	34.97%	2.412%
95	23.839	3546	3549	3550	rBV3	12953	14572	1.77%	0.122%
96	24.309	3622	3629	3634	rBV	51372	143865	17.46%	1.204%
97	24.385	3634	3642	3649	rVV2	307116	807594	97.99%	6.759%
98	24.444	3650	3652	3665	rVB	84087	193326	23.46%	1.618%
99	24.591	3669	3677	3688	rBV	201662	554409	67.27%	4.640%
100	28.075	4264	4270	4271	rBV6	21521	37965	4.61%	0.318%

Sum of corrected areas: 11948119

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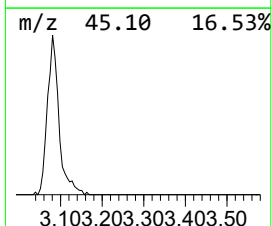
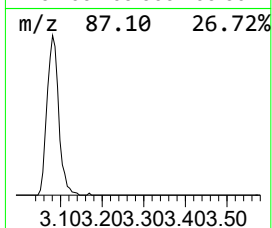
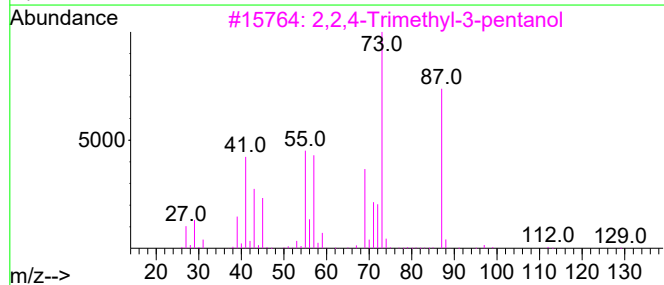
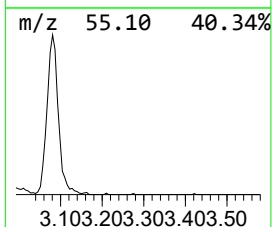
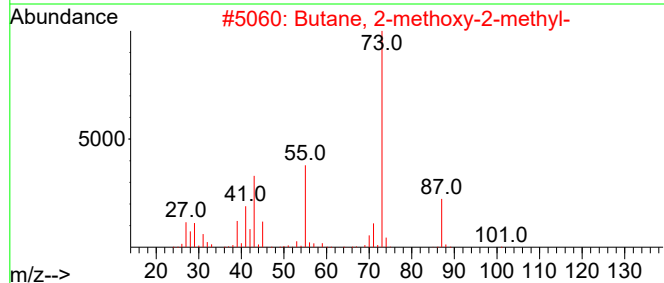
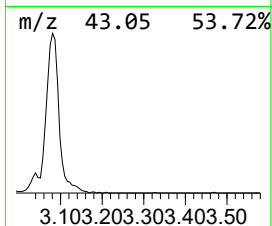
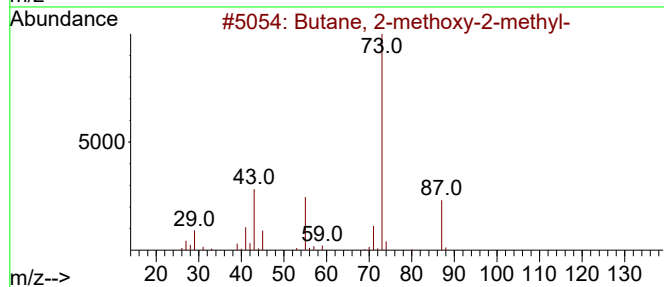
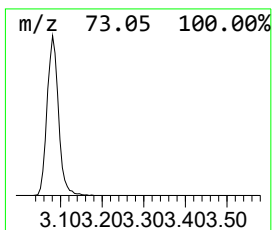
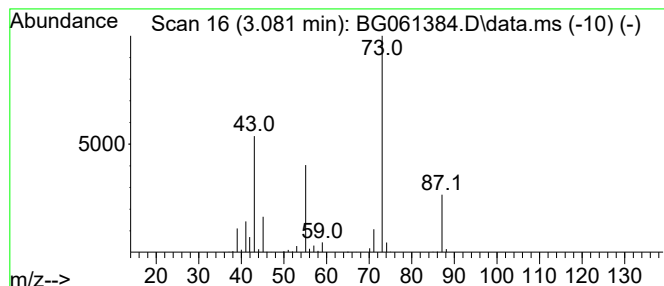
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.081	47.96 ng/ul	448135	1,4-Dichlorobenzene-d4	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	37
5			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28



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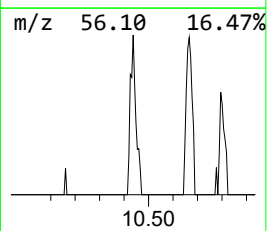
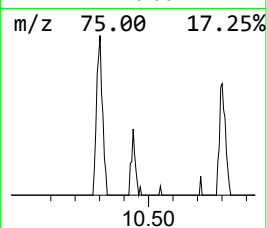
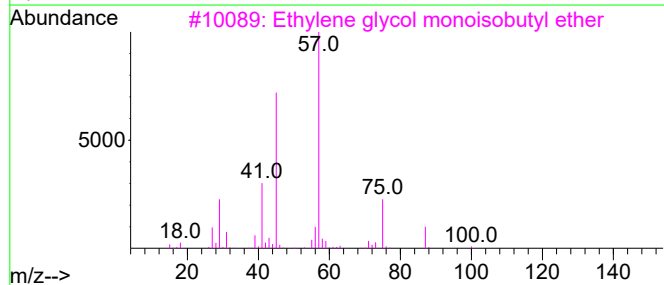
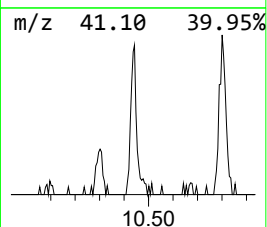
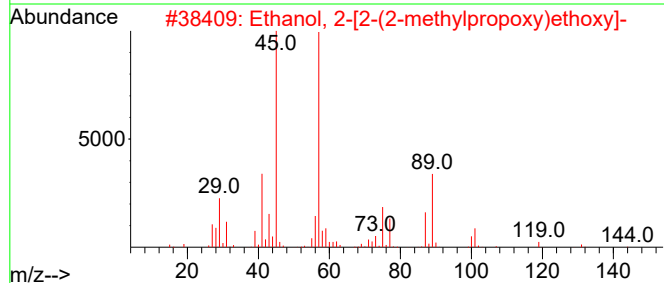
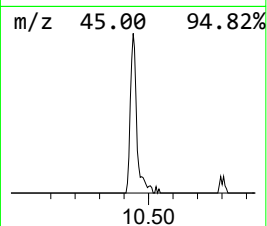
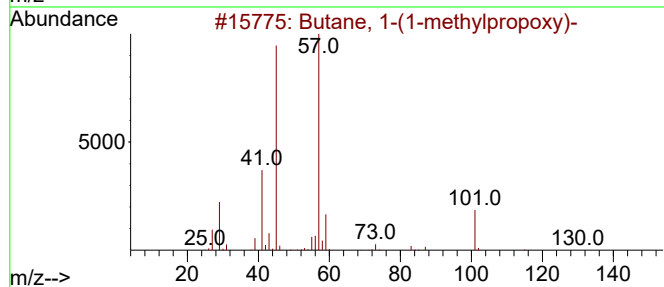
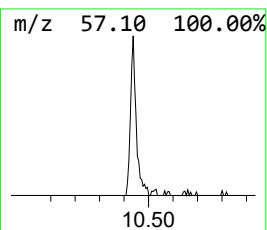
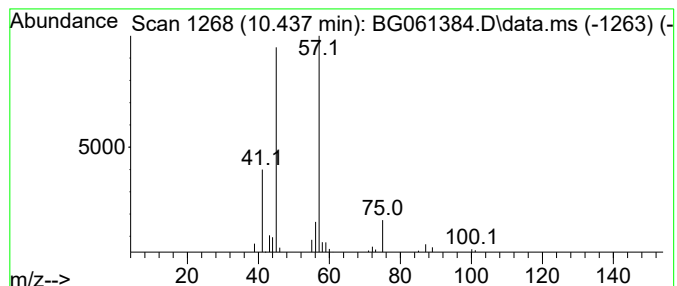
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 1-(1-methylpropoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.437	3.56 ng/ul	45568	Naphthalene-d8	10.666

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	59
2			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
3			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50
4			Oxirane, (ethoxymethyl)-	102	C5H10O2	004016-11-9	50
5			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	47



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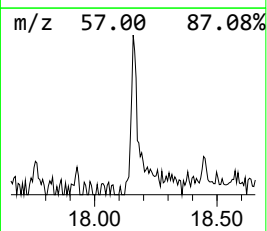
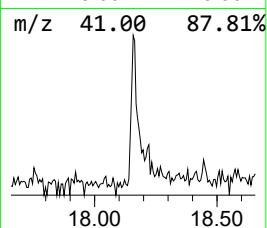
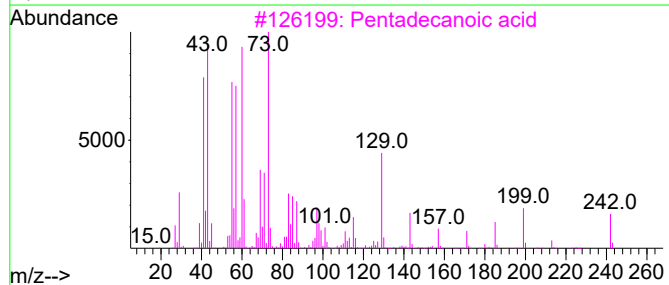
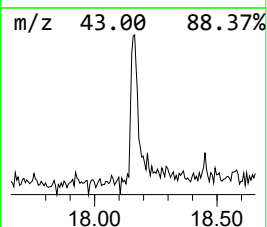
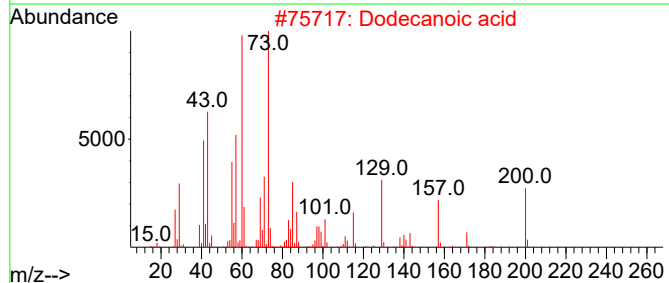
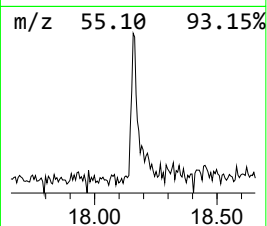
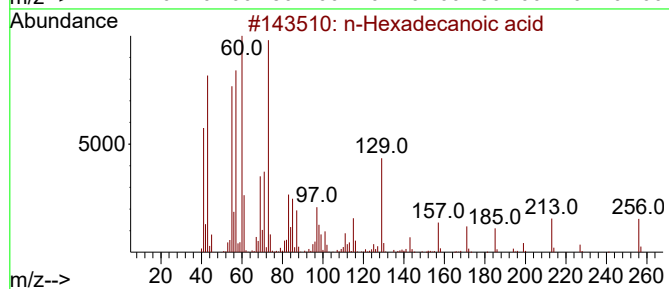
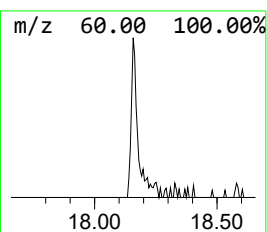
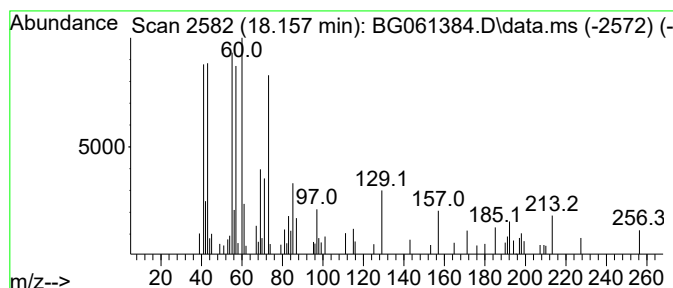
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	3.89 ng/ul	83478	Phenanthrene-d10	17.258

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			Dodecanoic acid	200	C12H24O2	000143-07-7	59
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	53



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ClientSampleId :
BH6C1

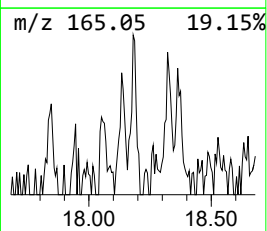
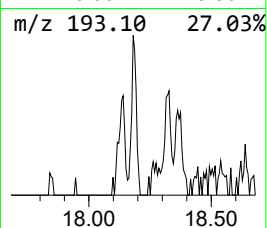
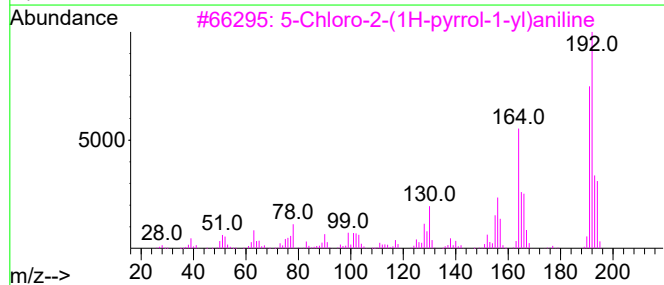
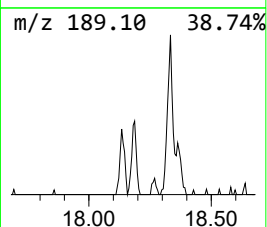
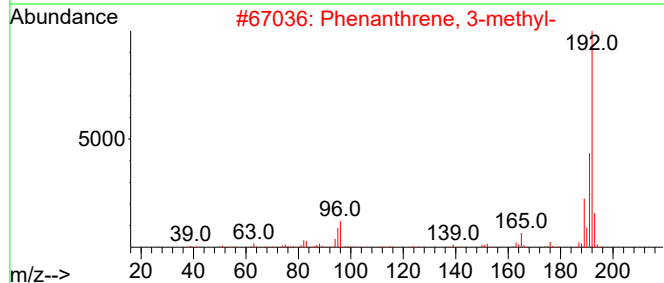
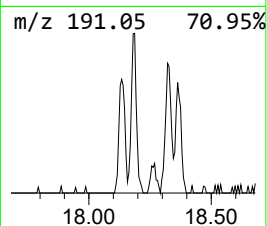
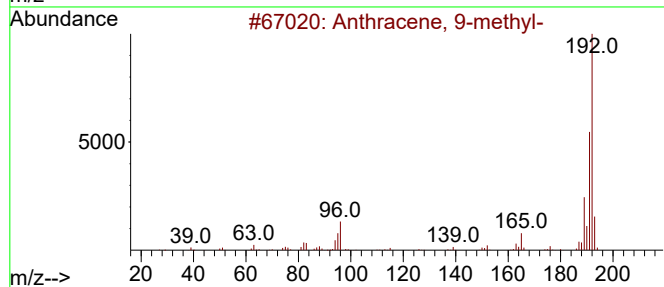
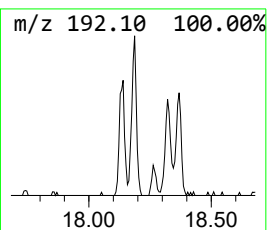
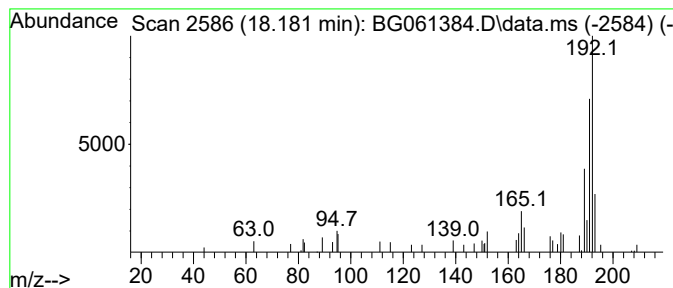
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.181	2.34 ng/ul	50167	Phenanthrene-d10	17.258

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	58
2			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	53
3			5-Chloro-2-(1H-pyrrol-1-yl)aniline	192	C10H9ClN2	015814-76-3	53
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	52
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061384.D
Acq On : 31 May 2024 8:10
Operator : MA/JU
Sample : P2570-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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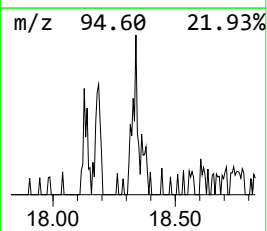
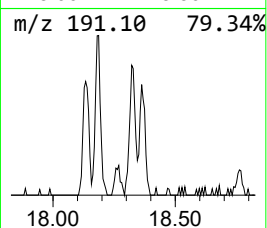
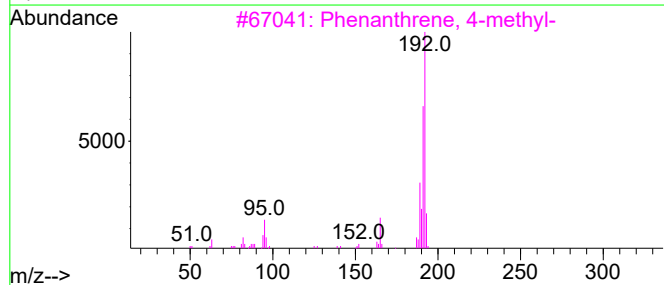
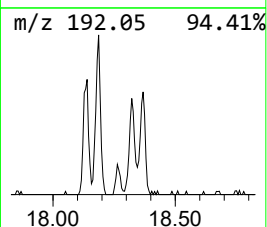
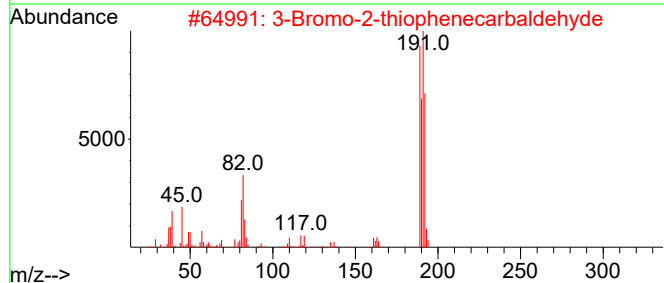
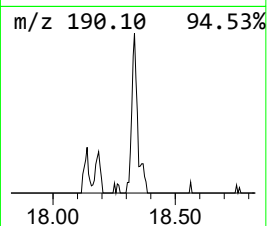
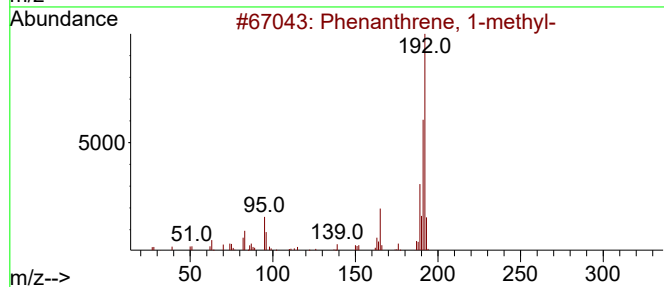
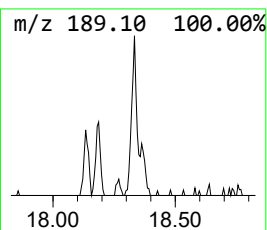
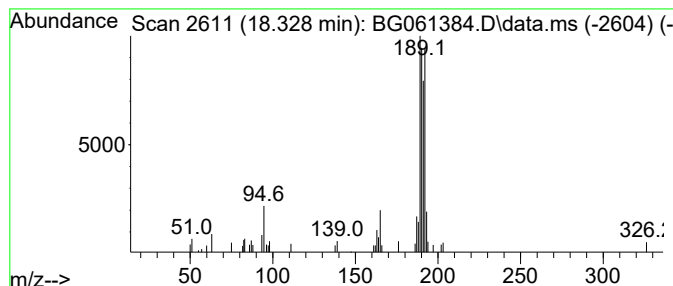
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.328	2.18 ng/ul	46701	Phenanthrene-d10	17.258

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
2			3-Bromo-2-thiophenecarbaldehyde	190	C5H3BrOS	000930-96-1	47
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	43
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
5			Isoquinoline, 1-chloro-3-ethyl-	191	C11H10ClN	055150-52-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061384.D
Acq On : 31 May 2024 8:10
Operator : MA/JU
Sample : P2570-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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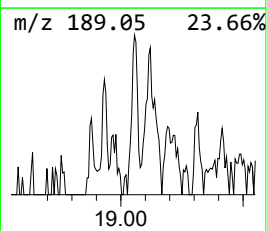
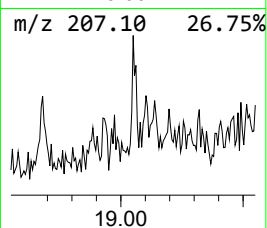
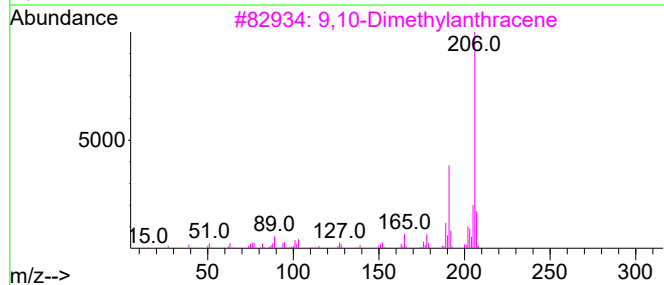
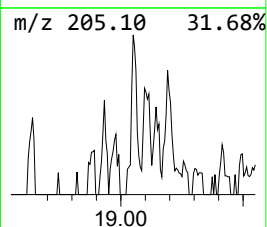
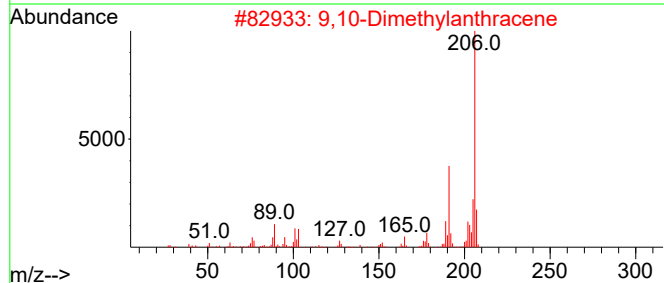
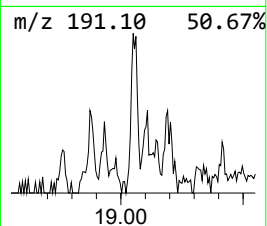
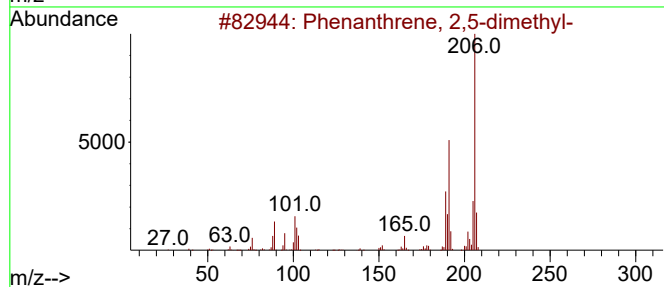
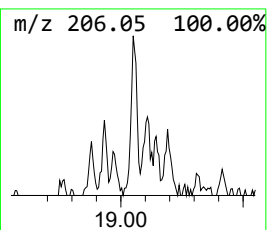
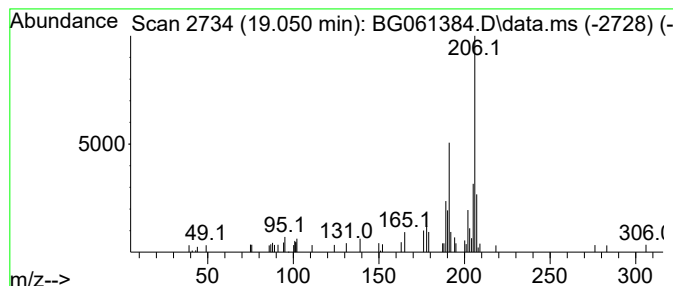
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.050	2.11 ng/ul	45406	Phenanthrene-d10	17.258

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	76
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	76
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	76
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061384.D
Acq On : 31 May 2024 8:10
Operator : MA/JU
Sample : P2570-12
Misc :
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Instrument :
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ClientSampleId :
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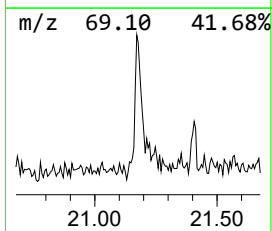
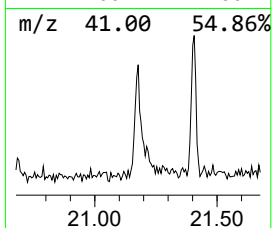
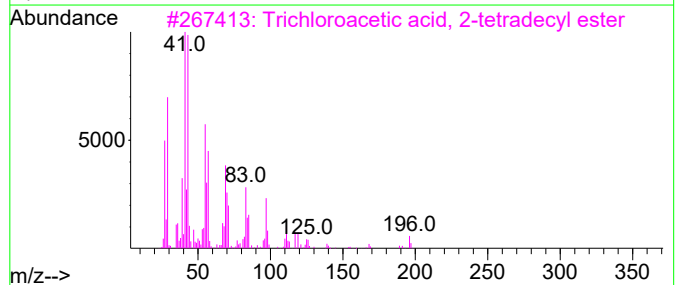
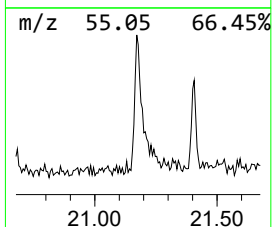
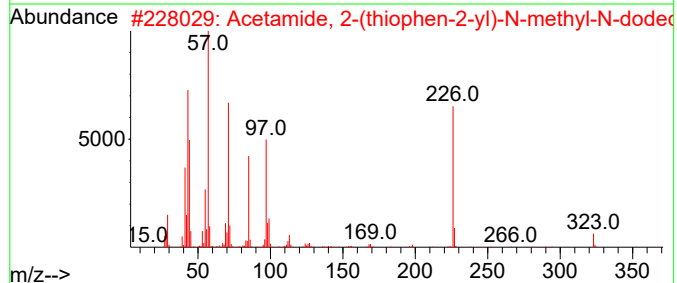
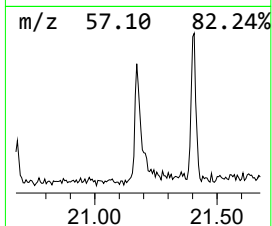
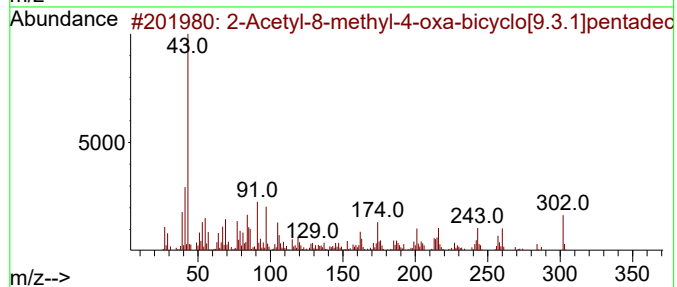
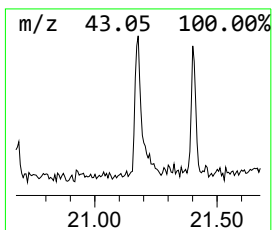
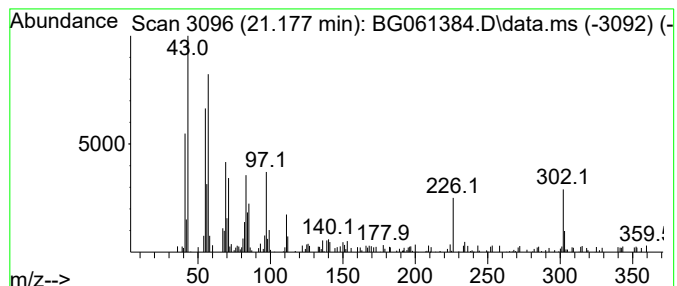
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.177	3.62 ng/ul	135014	Chrysene-d12	21.512

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetyl-8-methyl-4-oxa-bicyclo[...]	302	C17H18O5	1000193-49-3	32		
2	Acetamide, 2-(thiophen-2-yl)-N-m...	323	C19H33NOS	1000421-20-9	32		
3	Trichloroacetic acid, 2-tetradec...	358	C16H29Cl3O2	1000282-06-6	25		
4	1,3-Propanediol, eicosyl ethyl e...	384	C25H52O2	1000406-35-5	10		
5	1,3-Propanediol, docosyl ethyl e...	412	C27H56O2	1000406-35-6	10		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061384.D
Acq On : 31 May 2024 8:10
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Sample : P2570-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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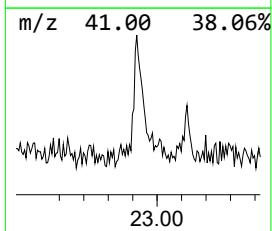
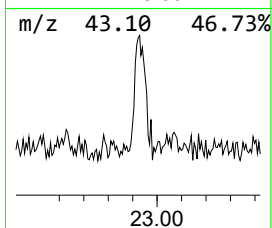
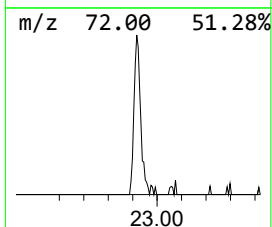
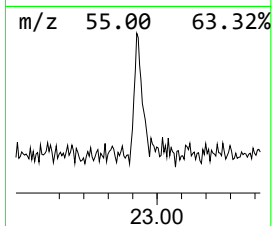
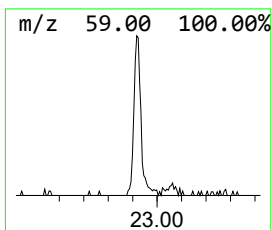
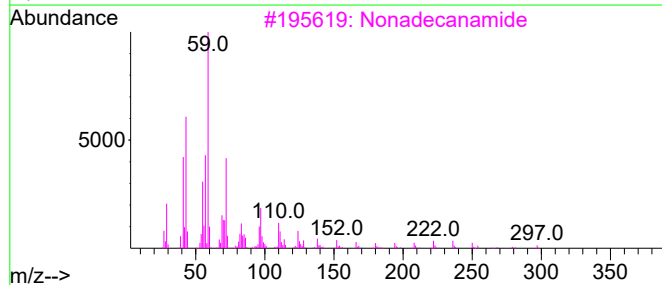
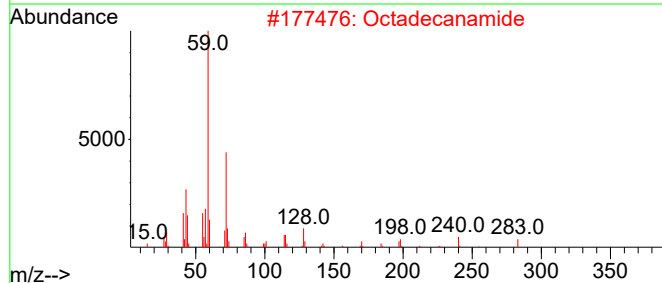
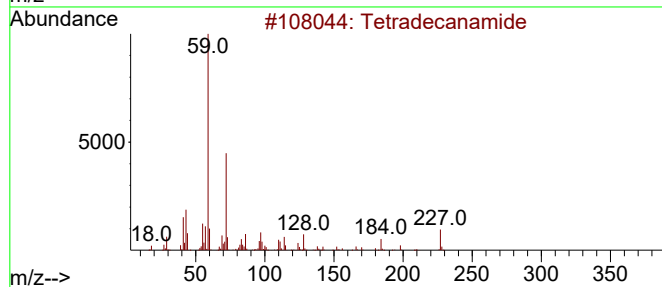
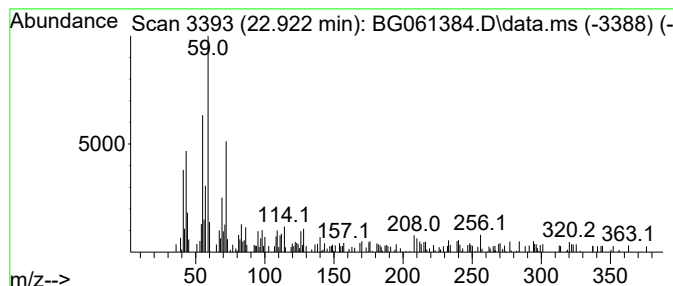
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Tetradecanamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.922	3.17 ng/ul	118153	Chrysene-d12	21.512

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanamide	227	C14H29NO	000638-58-4	74
2			Octadecanamide	283	C18H37NO	000124-26-5	72
3			Nonadecanamide	297	C19H39NO	058185-32-3	64
4			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
5			13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061384.D
Acq On : 31 May 2024 8:10
Operator : MA/JU
Sample : P2570-12
Misc :
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ClientSampleId :
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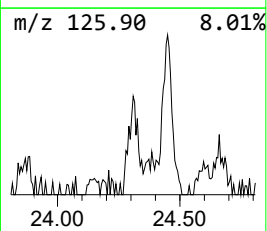
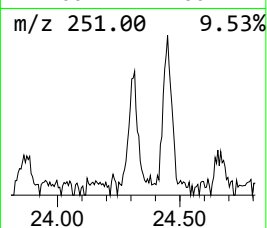
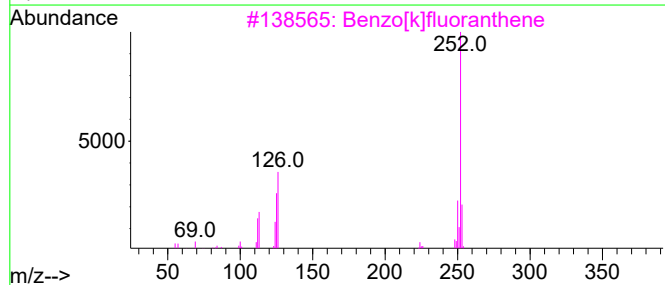
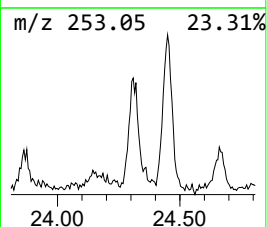
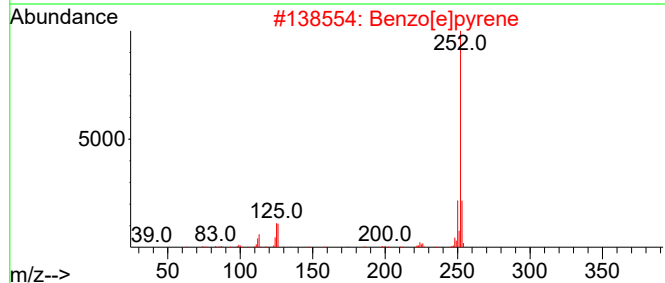
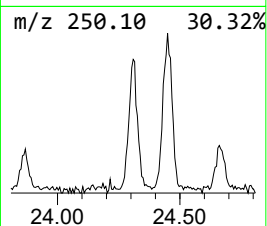
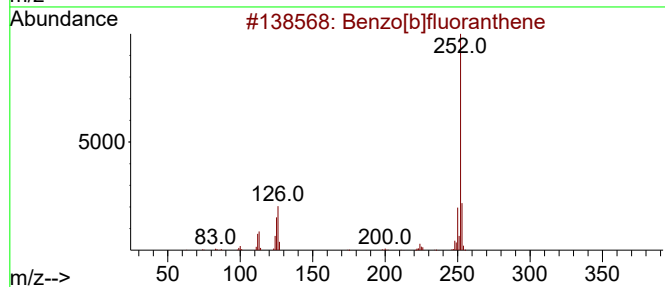
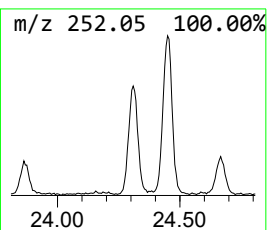
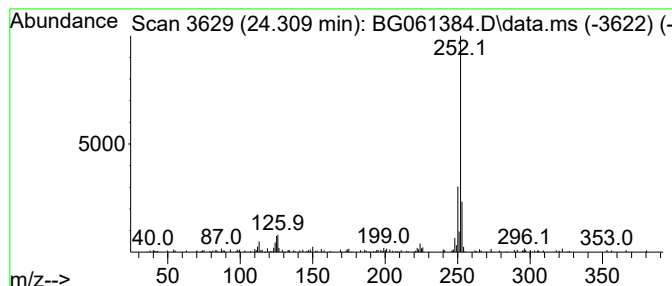
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.309	5.19 ng/ul	143865	Perylene-d12	24.597

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
2			Benzo[e]pyrene	252	C20H12	000192-97-2	95
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061384.D
Acq On : 31 May 2024 8:10
Operator : MA/JU
Sample : P2570-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Butane, 1-(1-me...	10.437	3.6	ng/ul	45568	2	10.666	256223	20.0
n-Hexadecanoic ...	18.157	3.9	ng/ul	83478	4	17.258	429413	20.0
Anthracene, 9-m...	18.181	2.3	ng/ul	50167	4	17.258	429413	20.0
Phenanthrene, 1...	18.328	2.2	ng/ul	46701	4	17.258	429413	20.0
Phenanthrene, 2...	19.050	2.1	ng/ul	45406	4	17.258	429413	20.0
unknown-01	21.177	3.6	ng/ul	135014	5	21.512	745451	20.0
Tetradecanamide	22.922	3.2	ng/ul	118153	5	21.512	745451	20.0
Benzo[e]pyrene	24.309	5.2	ng/ul	143865	6	24.597	554409	20.0