

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102023\
 Data File : BG059500.D
 Acq On : 20 Oct 2023 12:52
 Operator : MA/JU
 Sample : PB156336BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK336

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-BG101923.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG059500.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.476	12	15	21	rVB4	17210	26533	1.59%	0.154%
2	3.775	65	66	69	rBV3	3419	3268	0.20%	0.019%
3	3.910	85	89	101	rBV	267922	463254	27.72%	2.694%
4	4.469	182	184	188	rVB4	8246	7833	0.47%	0.046%
5	4.898	253	257	261	rBV3	6661	7181	0.43%	0.042%
6	5.056	283	284	289	rVB2	3125	3295	0.20%	0.019%
7	5.585	371	374	378	rVB4	3526	4469	0.27%	0.026%
8	6.425	513	517	518	rBV3	2874	3402	0.20%	0.020%
9	7.124	633	636	639	rBV2	3555	4366	0.26%	0.025%
10	7.312	660	668	678	rBV	229712	406465	24.32%	2.364%
11	7.512	695	702	710	rVB	189919	306766	18.36%	1.784%
12	7.706	727	735	746	rBV	220218	373895	22.37%	2.174%
13	8.064	794	796	802	rVB2	3739	4106	0.25%	0.024%
14	8.188	810	817	827	rBV2	191936	334201	20.00%	1.943%
15	8.799	918	921	923	rBV2	3467	3535	0.21%	0.021%
16	8.881	928	935	945	rVV	352029	605758	36.25%	3.523%
17	9.134	975	978	981	rBV2	3957	5095	0.30%	0.030%
18	9.386	1015	1021	1030	rBV	298083	502750	30.08%	2.924%
19	9.645	1063	1065	1071	rBV2	3710	7786	0.47%	0.045%
20	10.003	1124	1126	1130	rBV2	3439	3735	0.22%	0.022%
21	10.103	1135	1143	1153	rBV	252316	438860	26.26%	2.552%
22	10.174	1153	1155	1159	rVB	3636	4263	0.26%	0.025%
23	10.632	1226	1233	1241	rBV	249942	450442	26.95%	2.619%
24	10.967	1284	1290	1292	rBV	2340	3384	0.20%	0.020%
25	11.026	1294	1300	1307	rVB	219147	394627	23.61%	2.295%
26	11.173	1318	1325	1336	rBV	278103	506265	30.29%	2.944%
27	12.365	1524	1528	1531	rBV	1725	3256	0.19%	0.019%
28	12.600	1564	1568	1573	rVB	5008	7759	0.46%	0.045%
29	13.652	1744	1747	1751	rBV2	4481	6635	0.40%	0.039%
30	14.222	1837	1844	1853	rBV	517178	722422	43.23%	4.201%
31	14.527	1889	1896	1904	rBV	589711	905661	54.19%	5.267%
32	14.580	1904	1905	1909	rVV	3228	3307	0.20%	0.019%
33	14.827	1940	1947	1954	rBV2	356830	546904	32.72%	3.180%
34	15.015	1973	1979	1990	rBV2	227350	363422	21.75%	2.113%
35	15.121	1996	1997	2001	rBV2	3708	3510	0.21%	0.020%
36	15.344	2031	2035	2037	rBV2	2820	3483	0.21%	0.020%

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37	15.814	2108	2115	2122	rVV	749592	1133475	67.82%	6.591%
38	15.926	2128	2134	2140	rBV2	250790	364209	21.79%	2.118%
39	16.049	2153	2155	2158	rBV2	3315	3964	0.24%	0.023%
40	16.161	2171	2174	2176	rVB	3065	3304	0.20%	0.019%
41	16.325	2196	2202	2204	rBV2	4254	7784	0.47%	0.045%
42	17.571	2407	2414	2423	rBV	465862	697416	41.73%	4.056%
43	17.671	2425	2431	2441	rVV	814887	1253947	75.03%	7.292%
44	17.747	2443	2444	2449	rVB2	4329	4253	0.25%	0.025%
45	18.194	2518	2520	2522	rBV	4604	3705	0.22%	0.022%
46	18.646	2594	2597	2599	rBV	3219	3286	0.20%	0.019%
47	18.693	2602	2605	2608	rVB2	2936	3568	0.21%	0.021%
48	18.775	2616	2619	2622	rBV2	3051	4195	0.25%	0.024%
49	18.952	2646	2649	2650	rBV2	3437	3317	0.20%	0.019%
50	19.081	2668	2671	2674	rBV2	3661	4263	0.26%	0.025%
51	19.228	2694	2696	2699	rBV	2739	3553	0.21%	0.021%
52	19.269	2701	2703	2705	rBV2	4167	4003	0.24%	0.023%
53	19.428	2728	2730	2732	rBV	3621	3303	0.20%	0.019%
54	19.516	2738	2745	2749	rBV3	15870	26650	1.59%	0.155%
55	19.586	2749	2757	2763	rVV3	9329	22492	1.35%	0.131%
56	19.698	2774	2776	2779	rBV2	3189	3279	0.20%	0.019%
57	19.798	2788	2793	2795	rBV2	6437	9007	0.54%	0.052%
58	19.950	2810	2819	2827	rBV	1148807	1560663	93.38%	9.076%
59	20.086	2840	2842	2847	rVB4	3587	4276	0.26%	0.025%
60	20.138	2847	2851	2852	rBV2	3302	3449	0.21%	0.020%
61	20.309	2878	2880	2885	rVB5	4261	4318	0.26%	0.025%
62	20.426	2898	2900	2905	rBV3	2579	3542	0.21%	0.021%
63	20.620	2929	2933	2937	rBV4	5699	10518	0.63%	0.061%
64	20.761	2955	2957	2958	rBV2	4990	4340	0.26%	0.025%
65	20.832	2967	2969	2972	rBV4	5161	5398	0.32%	0.031%
66	20.891	2978	2979	2982	rVB2	4034	3348	0.20%	0.019%
67	21.061	3006	3008	3011	rBV2	5124	4901	0.29%	0.029%
68	21.184	3027	3029	3033	rVB4	3594	3408	0.20%	0.020%
69	21.866	3138	3145	3156	rBV2	469833	812350	48.61%	4.724%
70	21.966	3160	3162	3165	rVB4	9168	11671	0.70%	0.068%
71	22.600	3264	3270	3277	rVB5	18079	34579	2.07%	0.201%
72	23.205	3371	3373	3377	rVB3	5399	5125	0.31%	0.030%
73	23.241	3377	3379	3383	rBV3	4818	5504	0.33%	0.032%
74	23.317	3386	3392	3398	rBV3	37232	77809	4.66%	0.452%
75	23.517	3424	3426	3428	rBV3	6184	5414	0.32%	0.031%
76	23.875	3486	3487	3489	rBV	5094	4324	0.26%	0.025%

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77	24.163	3530	3536	3545	rVB4	60680	143502	8.59%	0.834%
78	25.068	3677	3690	3700	rVV	572728	1671254	100.00%	9.719%
79	25.168	3701	3707	3718	rVV2	84950	229301	13.72%	1.333%
80	25.303	3720	3730	3745	rVB2	285907	903095	54.04%	5.252%
81	25.891	3828	3830	3831	rBV2	8192	4346	0.26%	0.025%
82	26.278	3894	3896	3899	rBV3	4801	5265	0.32%	0.031%
83	26.366	3903	3911	3921	rVB3	71050	216062	12.93%	1.256%
84	26.696	3965	3967	3971	rBV5	5682	5439	0.33%	0.032%
85	26.831	3988	3990	3993	rVB3	6183	4480	0.27%	0.026%
86	26.925	4004	4006	4010	rBV5	6146	8073	0.48%	0.047%
87	27.618	4122	4124	4127	rVB4	5077	3869	0.23%	0.022%
88	27.806	4141	4156	4168	rBV3	75068	275909	16.51%	1.604%
89	28.176	4217	4219	4222	rVB4	5962	4838	0.29%	0.028%
90	28.229	4226	4228	4231	rBV3	4554	5279	0.32%	0.031%
91	28.358	4248	4250	4251	rBV2	5131	3306	0.20%	0.019%
92	29.551	4442	4453	4455	rBV3	39428	111915	6.70%	0.651%
93	30.221	4565	4567	4568	rBV2	4141	3264	0.20%	0.019%
94	30.509	4614	4616	4619	rBV4	4171	3816	0.23%	0.022%
95	30.567	4624	4626	4627	rBV2	4962	3714	0.22%	0.022%
96	30.761	4657	4659	4662	rBV4	5318	4649	0.28%	0.027%
97	31.026	4702	4704	4706	rBV3	3841	3431	0.21%	0.020%
98	31.320	4753	4754	4756	rBV	4676	3507	0.21%	0.020%
99	31.525	4787	4789	4791	rBV2	4961	3551	0.21%	0.021%
100	32.518	4956	4958	4960	rBV3	4752	4761	0.28%	0.028%

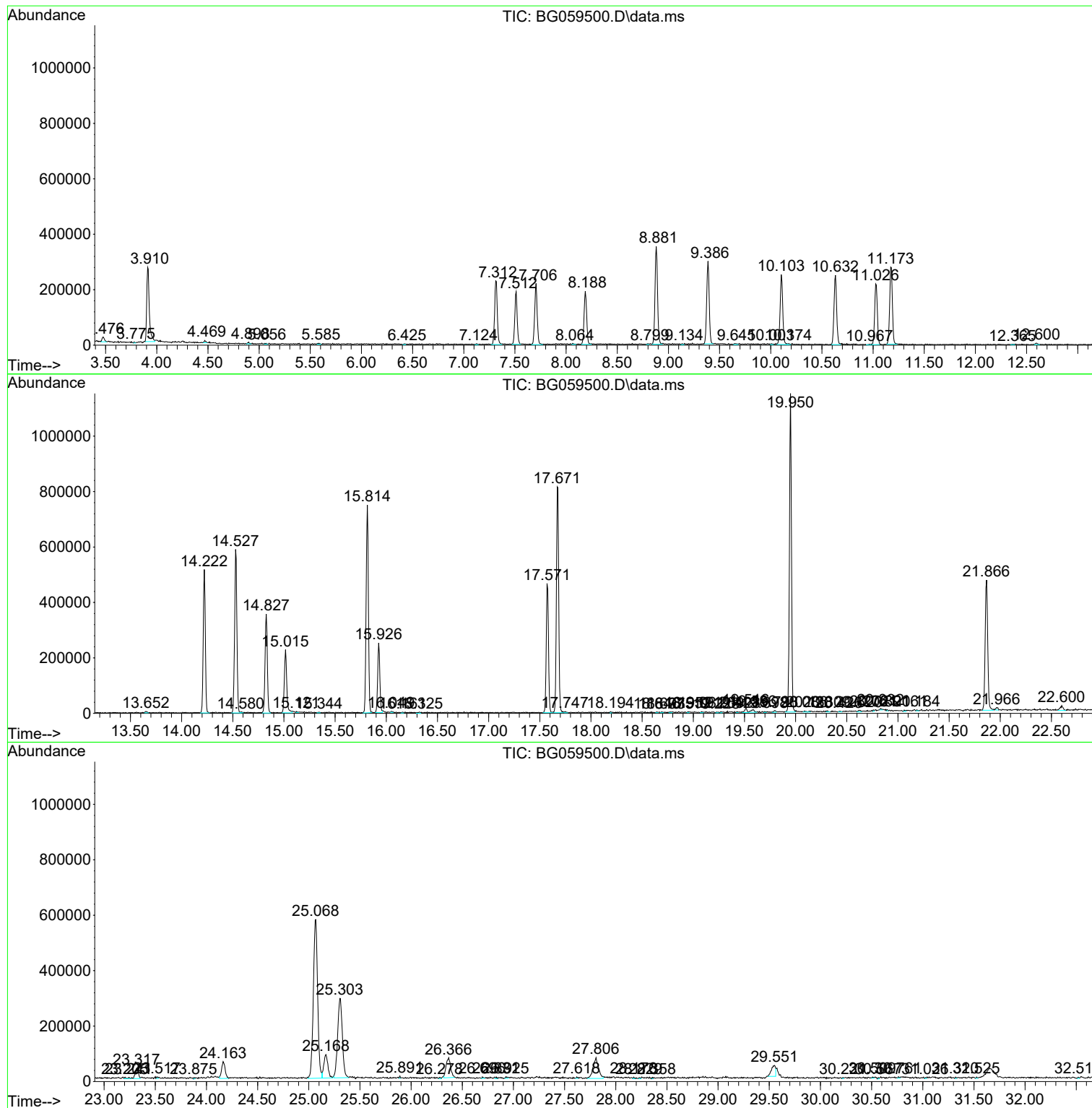
Sum of corrected areas: 17196429

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101923.MA.M
Quant Title : SVOA CALIBRATION

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



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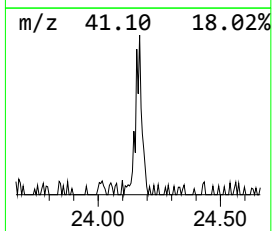
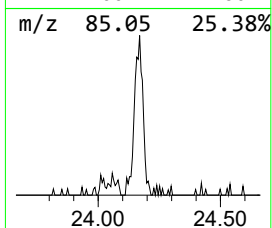
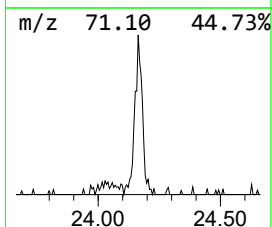
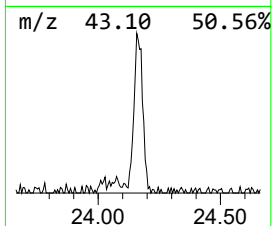
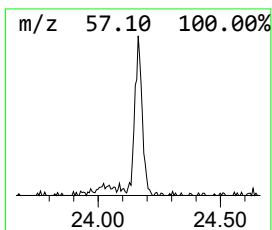
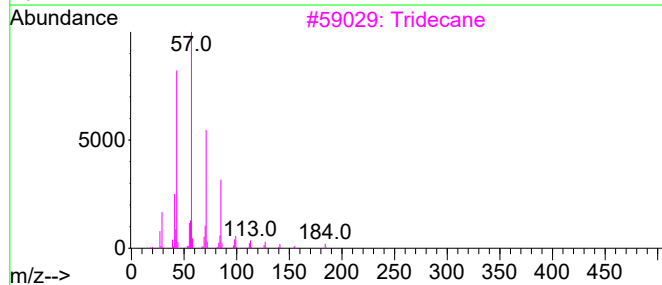
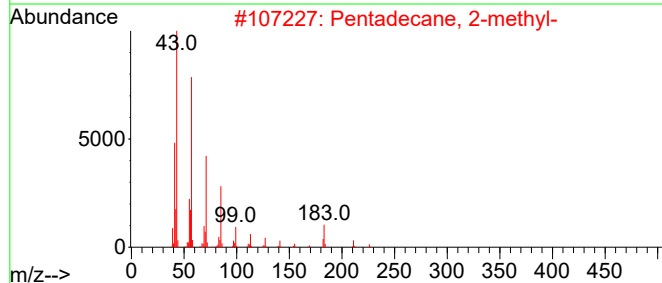
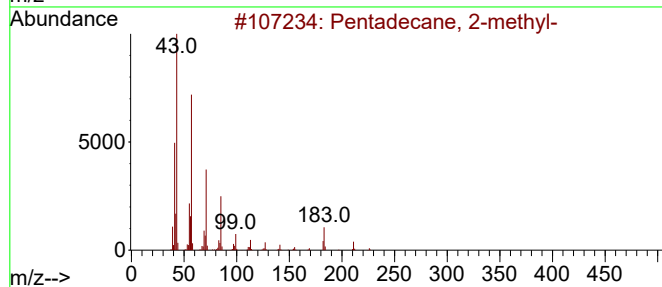
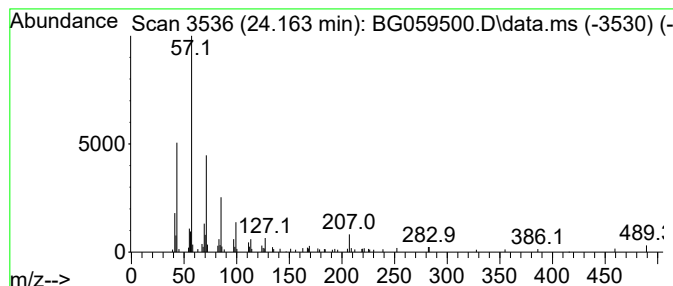
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101923.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.163	3.18 ng/ul	143502	Perylene-d12	25.303

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2-methyl-	226	C16H34	001560-93-6	80
2		Pentadecane, 2-methyl-	226	C16H34	001560-93-6	80
3		Tridecane	184	C13H28	000629-50-5	70
4		Hexadecane	226	C16H34	000544-76-3	70
5		Pentadecane	212	C15H32	000629-62-9	70



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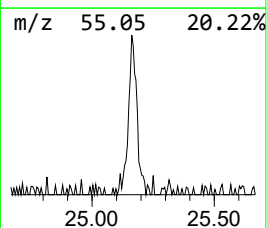
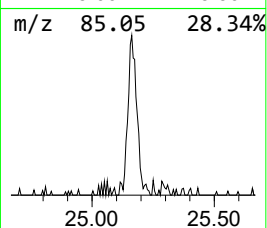
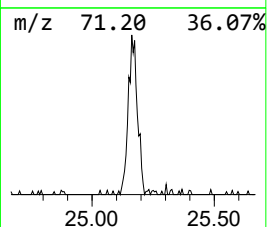
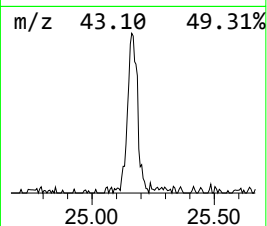
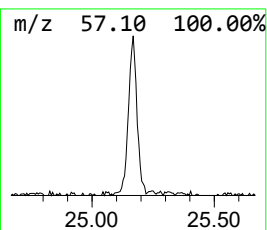
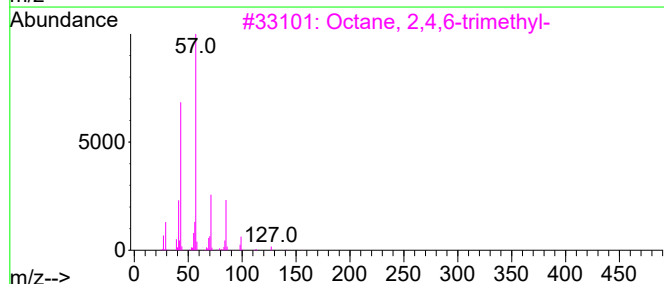
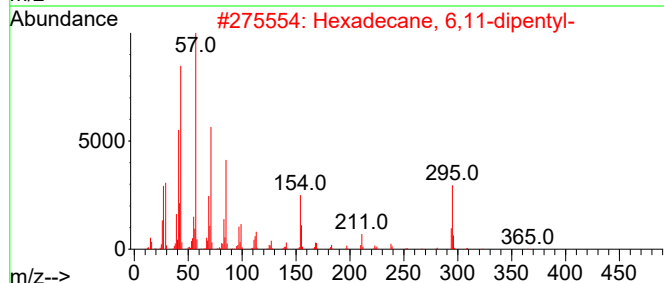
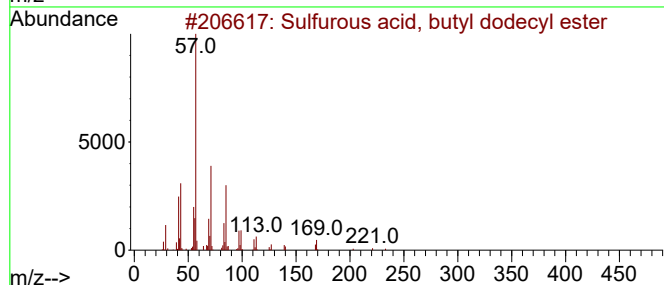
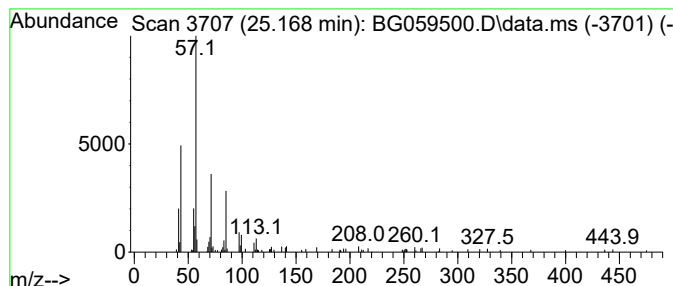
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101923.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Sulfurous acid, butyl dodec... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.168	5.08 ng/ul	229301	Perylene-d12	25.303

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72
2			Hexadecane, 6,11-dipentyl-	366	C26H54	015874-03-0	64
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
4			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	53
5			Isobutyl octadecyl ether	326	C22H46O	1000406-32-9	53



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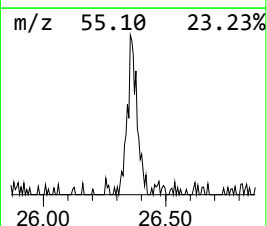
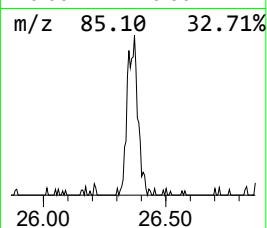
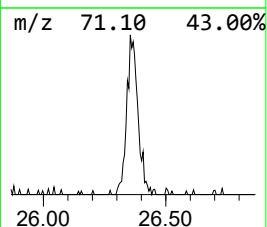
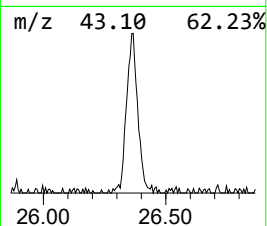
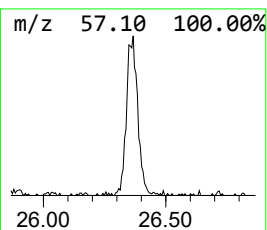
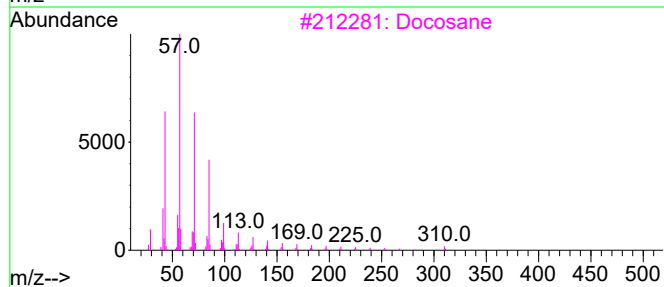
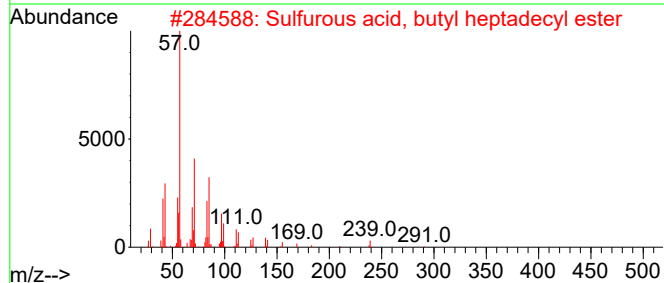
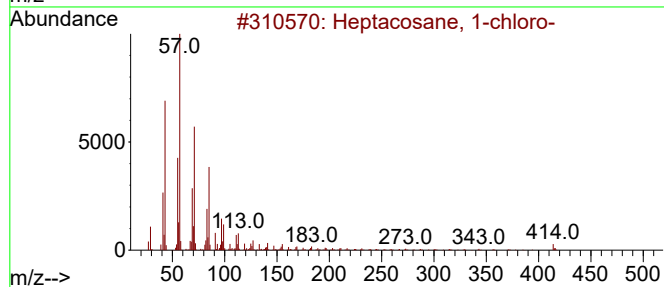
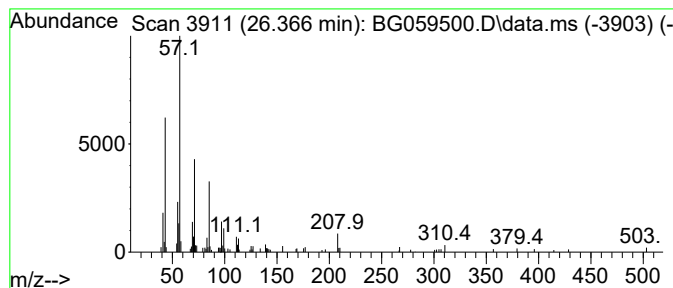
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptacosane, 1-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.366	4.78 ng/ul	216062	Perylene-d12	25.303

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
2			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	83
3			Docosane	310	C22H46	000629-97-0	74
4			Nonadecane	268	C19H40	000629-92-5	72
5			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102023\
Data File : BG059500.D
Acq On : 20 Oct 2023 12:52
Operator : MA/JU
Sample : PB156336BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK336

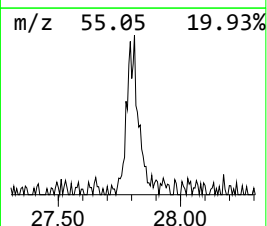
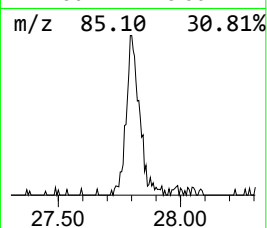
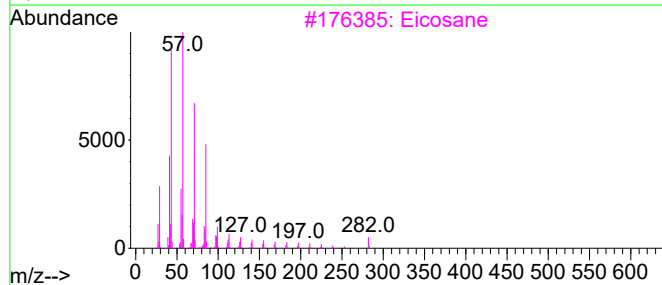
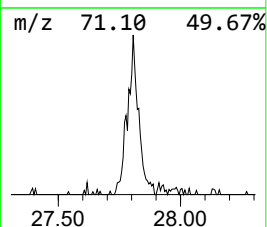
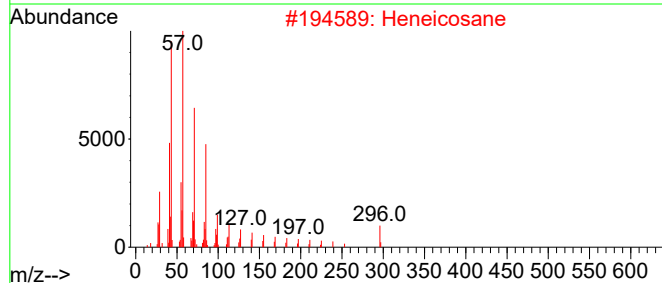
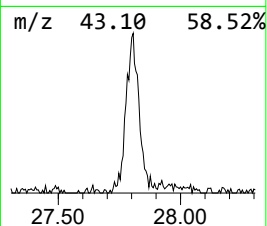
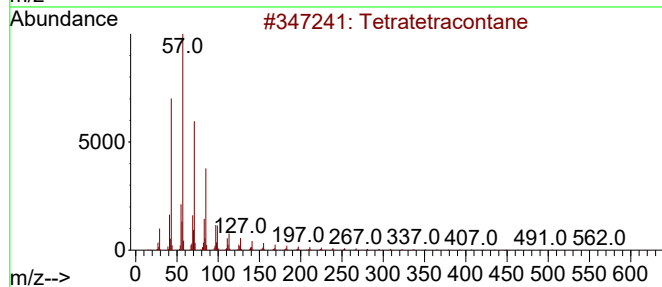
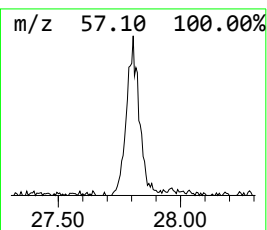
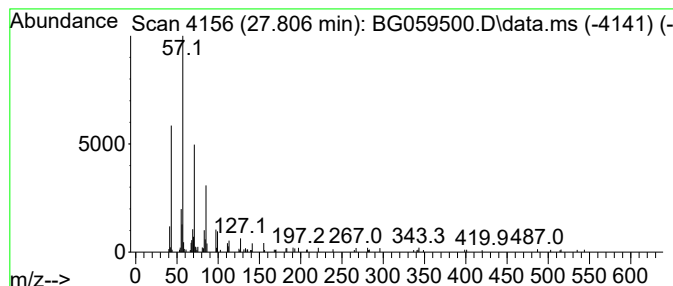
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.806	6.11 ng/ul	275909	Perylene-d12	25.303

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	74
2			Heneicosane	296	C21H44	000629-94-7	74
3			Eicosane	282	C20H42	000112-95-8	74
4			Tetracosane	338	C24H50	000646-31-1	74
5			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102023\
Data File : BG059500.D
Acq On : 20 Oct 2023 12:52
Operator : MA/JU
Sample : PB156336BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK336

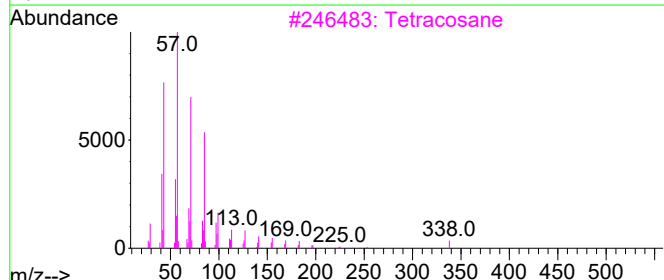
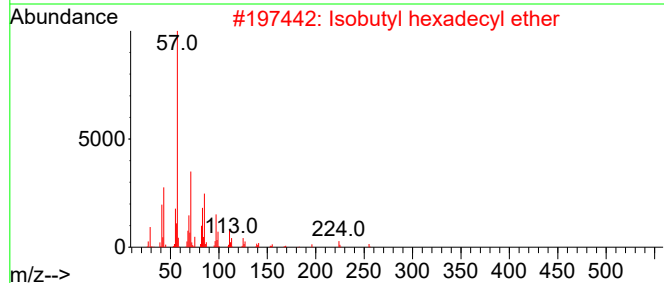
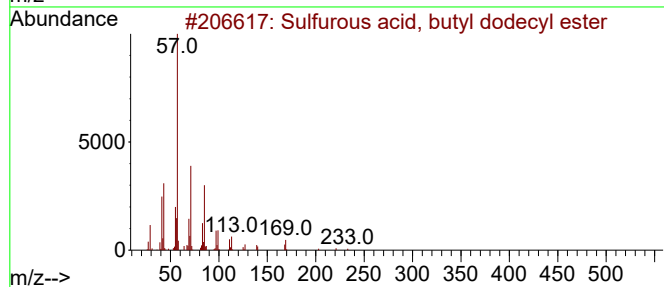
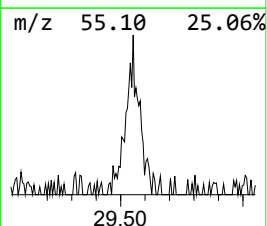
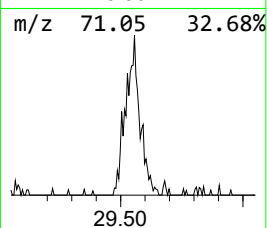
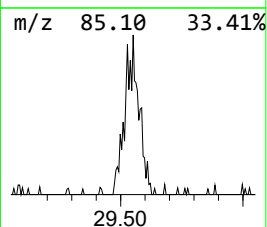
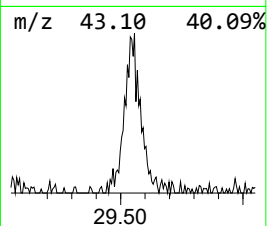
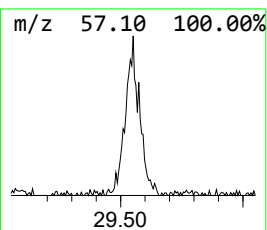
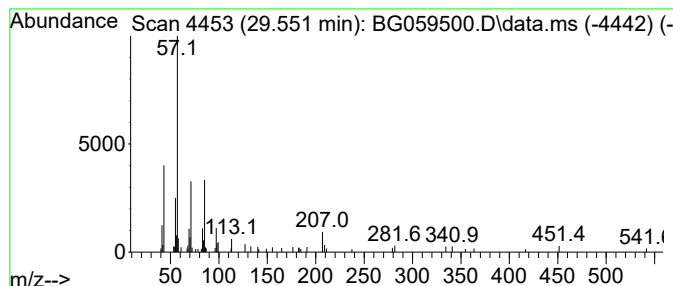
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Isobutyl hexadecyl ether Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.551	2.48 ng/ul	111915	Perylene-d12	25.303

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	59
2			Isobutyl hexadecyl ether	298	C20H42O	1000406-32-8	50
3			Tetracosane	338	C24H50	000646-31-1	50
4			Eicosane	282	C20H42	000112-95-8	49
5			Heptacosane	380	C27H56	000593-49-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102023\
Data File : BG059500.D
Acq On : 20 Oct 2023 12:52
Operator : MA/JU
Sample : PB156336BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK336

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101923.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
(DEL) Alkane: S...	24.163	3.2	ng/ul	143502	6	25.303	903095	20.0
Sulfurous acid,...	25.168	5.1	ng/ul	229301	6	25.303	903095	20.0
Heptacosane, 1-...	26.366	4.8	ng/ul	216062	6	25.303	903095	20.0
(DEL) Alkane: S...	27.806	6.1	ng/ul	275909	6	25.303	903095	20.0
Isobutyl hexade...	29.551	2.5	ng/ul	111915	6	25.303	903095	20.0