

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052224\
 Data File : BG061263.D
 Acq On : 22 May 2024 16:43
 Operator : MA/JU
 Sample : PB160897BL
 Misc : SFAM-MDL-ME-SOIL-01
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK897

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\SFAM-EPA-BG052124.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG061263.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.082	12	16	21	rVB2	17378	25670	2.80%	0.303%
2	3.341	57	60	66	rVB3	6906	8981	0.98%	0.106%
3	3.464	79	81	84	rBV3	1768	2107	0.23%	0.025%
4	3.746	124	129	138	rBV	99443	160010	17.42%	1.889%
5	3.940	160	162	163	rBV2	1333	1370	0.15%	0.016%
6	4.116	191	192	196	rBV3	1615	1622	0.18%	0.019%
7	4.351	230	232	234	rBV2	1850	1305	0.14%	0.015%
8	4.997	340	342	346	rVB3	1265	1320	0.14%	0.016%
9	5.086	355	357	359	rVB	1827	1705	0.19%	0.020%
10	5.103	359	360	363	rBV	1814	1692	0.18%	0.020%
11	5.180	371	373	376	rVB2	1621	1286	0.14%	0.015%
12	6.190	544	545	550	rBV	1047	1414	0.15%	0.017%
13	7.066	687	694	705	rVB	91232	154552	16.83%	1.825%
14	7.218	714	720	726	rVB	59888	98764	10.75%	1.166%
15	7.424	749	755	762	rVB	87737	144196	15.70%	1.702%
16	7.888	827	834	841	rVB	70622	114246	12.44%	1.349%
17	8.106	870	871	877	rVB2	1235	1400	0.15%	0.017%
18	8.411	919	923	927	rVB2	891	1358	0.15%	0.016%
19	8.599	949	955	963	rVV	109727	186248	20.28%	2.199%
20	9.040	1023	1030	1038	rVB	97777	170423	18.56%	2.012%
21	9.762	1146	1153	1162	rBV	91494	153618	16.73%	1.814%
22	10.315	1239	1247	1266	rVV	109740	198834	21.65%	2.348%
23	10.679	1302	1309	1316	rVB	105137	179347	19.53%	2.117%
24	10.814	1325	1332	1342	rBV2	127641	224725	24.47%	2.653%
25	12.271	1576	1580	1585	rBV3	1936	2948	0.32%	0.035%
26	13.928	1855	1862	1869	rBV	282162	409666	44.61%	4.837%
27	14.216	1904	1911	1918	rVB	270032	415105	45.20%	4.901%
28	14.522	1956	1963	1972	rBV	202540	302896	32.98%	3.576%
29	14.745	1994	2001	2015	rBV2	92483	175138	19.07%	2.068%
30	15.514	2125	2132	2140	rVB	376455	551308	60.03%	6.509%
31	15.644	2148	2154	2169	rBV	137485	213801	23.28%	2.524%
32	16.067	2220	2226	2230	rVB2	543	1279	0.14%	0.015%
33	17.265	2424	2430	2437	rBV	303852	453888	49.42%	5.359%
34	17.365	2441	2447	2456	rVV	457977	669080	72.86%	7.899%
35	19.157	2749	2752	2756	rBV3	1011	1687	0.18%	0.020%
36	19.222	2759	2763	2768	rVB5	7299	10212	1.11%	0.121%

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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

37	19.298	2770	2776	2779	rBV2	5299	8113	0.88%	0.096%
38	19.357	2781	2786	2788	rBV3	1693	2611	0.28%	0.031%
39	19.586	2822	2825	2829	rVB5	3152	3615	0.39%	0.043%
40	19.657	2830	2837	2843	rBV	608588	861779	93.84%	10.175%

41	19.839	2864	2868	2871	rBV2	1263	2126	0.23%	0.025%
42	19.950	2886	2887	2890	rBV2	1480	1463	0.16%	0.017%
43	20.009	2895	2897	2899	rVB	1423	1258	0.14%	0.015%
44	20.044	2899	2903	2905	rBV3	1881	2462	0.27%	0.029%
45	20.215	2930	2932	2934	rBV3	1601	1332	0.15%	0.016%

46	20.274	2941	2942	2944	rBV2	2505	1292	0.14%	0.015%
47	20.544	2985	2988	2991	rBV4	1688	2049	0.22%	0.024%
48	20.620	2999	3001	3007	rBV5	4175	6801	0.74%	0.080%
49	20.738	3019	3021	3023	rBV3	1990	1676	0.18%	0.020%
50	20.814	3032	3034	3036	rBV3	2207	2380	0.26%	0.028%

51	21.155	3091	3092	3095	rBV3	4316	4007	0.44%	0.047%
52	21.190	3095	3098	3100	rVV3	3352	3619	0.39%	0.043%
53	21.519	3148	3154	3162	rVB	365506	566389	61.67%	6.687%
54	22.295	3283	3286	3291	rBV5	7104	12349	1.34%	0.146%
55	22.506	3320	3322	3324	rVB2	3698	2643	0.29%	0.031%

56	22.583	3331	3335	3338	rBV6	3681	4859	0.53%	0.057%
57	22.612	3338	3340	3341	rVV2	2302	1371	0.15%	0.016%
58	22.829	3375	3377	3378	rBV2	2694	1737	0.19%	0.021%
59	22.959	3395	3399	3404	rVB4	13166	21831	2.38%	0.258%
60	23.264	3449	3451	3452	rVB2	2741	1262	0.14%	0.015%

61	23.317	3458	3460	3461	rBV2	2520	1811	0.20%	0.021%
62	23.417	3475	3477	3479	rBV3	2559	1322	0.14%	0.016%
63	23.529	3494	3496	3497	rBV2	2726	2189	0.24%	0.026%
64	23.728	3524	3530	3539	rVB4	21668	45941	5.00%	0.542%
65	23.793	3539	3541	3546	rBV6	2456	3878	0.42%	0.046%

66	23.834	3546	3548	3549	rBV2	2245	1344	0.15%	0.016%
67	24.040	3581	3583	3586	rBV4	3135	3856	0.42%	0.046%
68	24.245	3616	3618	3620	rBV3	2919	2463	0.27%	0.029%
69	24.392	3632	3643	3655	rBV2	350480	918345	100.00%	10.842%
70	24.604	3669	3679	3693	rVB	234168	656195	71.45%	7.747%

71	25.133	3767	3769	3772	rBV4	2727	2630	0.29%	0.031%
72	25.238	3785	3787	3788	rBV2	2516	1575	0.17%	0.019%
73	25.438	3820	3821	3823	rVB2	3066	1783	0.19%	0.021%
74	25.650	3855	3857	3858	rBV2	2711	1340	0.15%	0.016%
75	25.697	3858	3865	3879	rVB4	24854	74467	8.11%	0.879%

76	25.879	3894	3896	3898	rBV3	2851	3187	0.35%	0.038%
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 Title : SVOA CALIBRATION

77	26.237	3956	3957	3959	rBV2	3090	1737	0.19%	0.021%
78	26.983	4076	4084	4095	rVB5	21976	71679	7.81%	0.846%
79	27.201	4119	4121	4124	rBV4	3192	2234	0.24%	0.026%
80	27.307	4137	4139	4141	rVB3	3656	2637	0.29%	0.031%
81	27.330	4141	4143	4144	rBV2	3278	2414	0.26%	0.029%
82	27.565	4181	4183	4184	rBV2	3206	2680	0.29%	0.032%
83	27.859	4231	4233	4234	rBV2	2306	1452	0.16%	0.017%
84	28.482	4337	4339	4340	rBV	3681	2878	0.31%	0.034%
85	28.535	4340	4348	4358	rVB7	15564	55937	6.09%	0.660%
86	28.940	4416	4417	4420	rBV3	2748	2875	0.31%	0.034%
87	29.063	4436	4438	4441	rBV3	2505	3082	0.34%	0.036%
88	29.322	4480	4482	4484	rBV3	4341	3071	0.33%	0.036%
89	30.280	4643	4645	4648	rBV4	2149	2368	0.26%	0.028%
90	30.321	4651	4652	4654	rBV	2951	2437	0.27%	0.029%
91	30.362	4656	4659	4660	rBV2	5339	5354	0.58%	0.063%
92	30.650	4706	4708	4709	rBV2	3728	2439	0.27%	0.029%
93	30.832	4737	4739	4742	rBV4	2715	3572	0.39%	0.042%
94	31.026	4770	4772	4773	rVB2	3818	2167	0.24%	0.026%
95	31.043	4773	4775	4776	rBV2	3021	2341	0.25%	0.028%
96	31.155	4792	4794	4796	rBV2	2322	1759	0.19%	0.021%
97	32.183	4967	4969	4971	rBV2	2617	1939	0.21%	0.023%
98	32.577	5034	5036	5038	rBV3	3143	2936	0.32%	0.035%
99	32.600	5038	5040	5041	rBV2	2712	2284	0.25%	0.027%
100	32.636	5044	5046	5047	rBV2	4789	3106	0.34%	0.037%

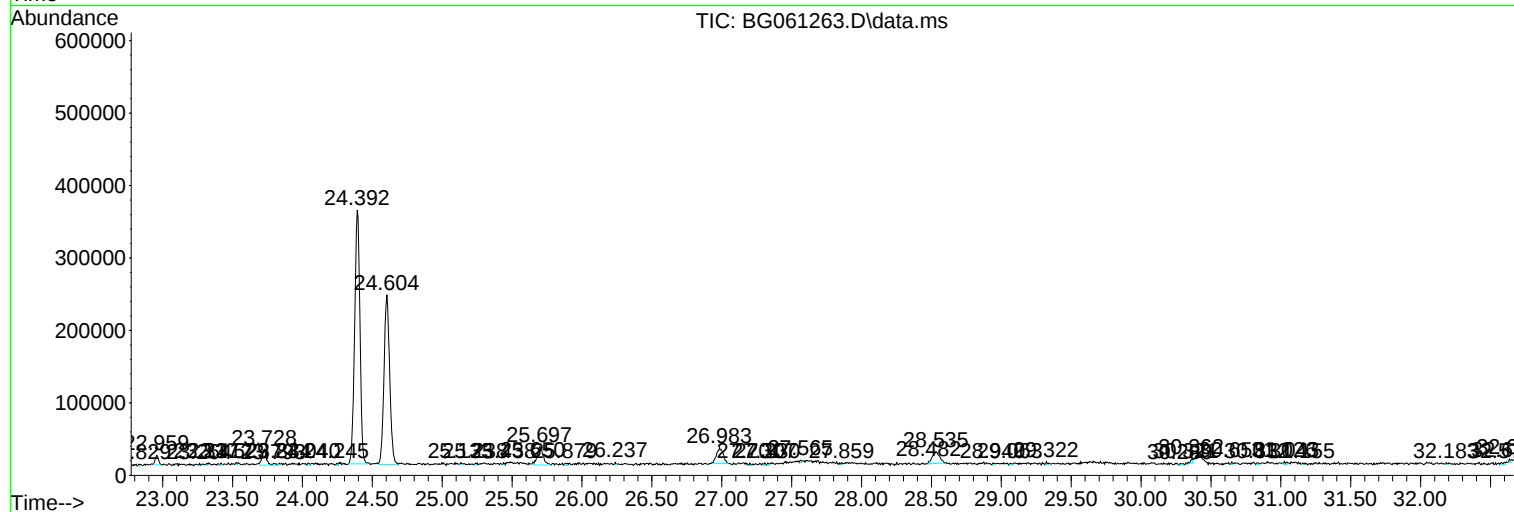
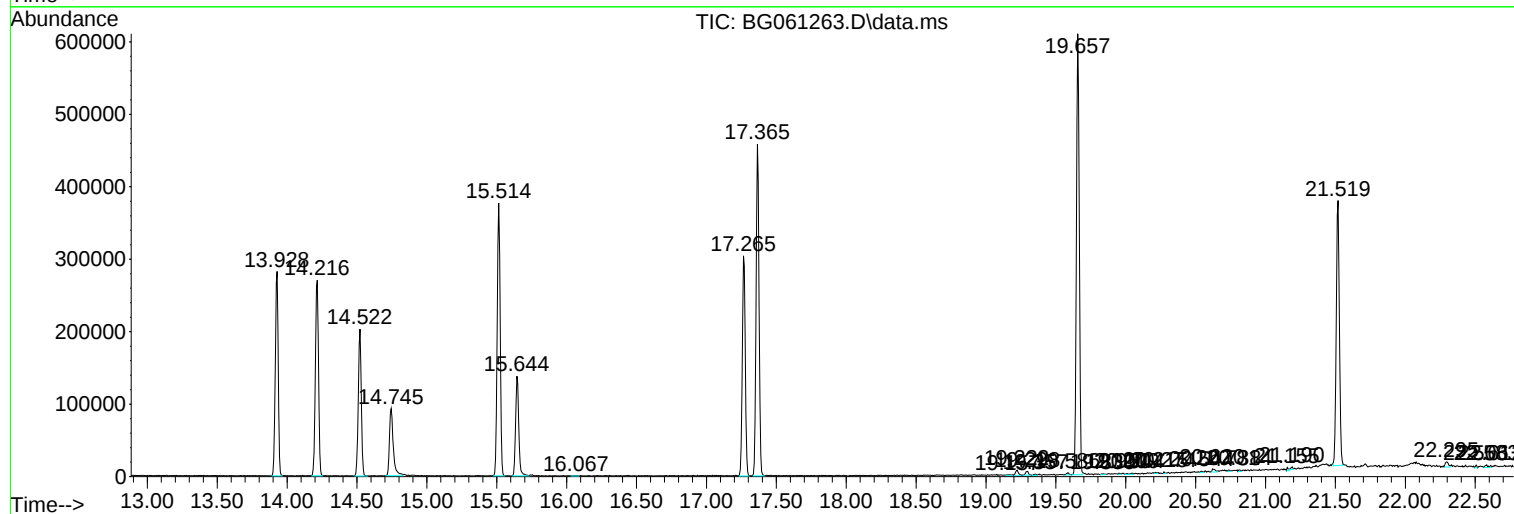
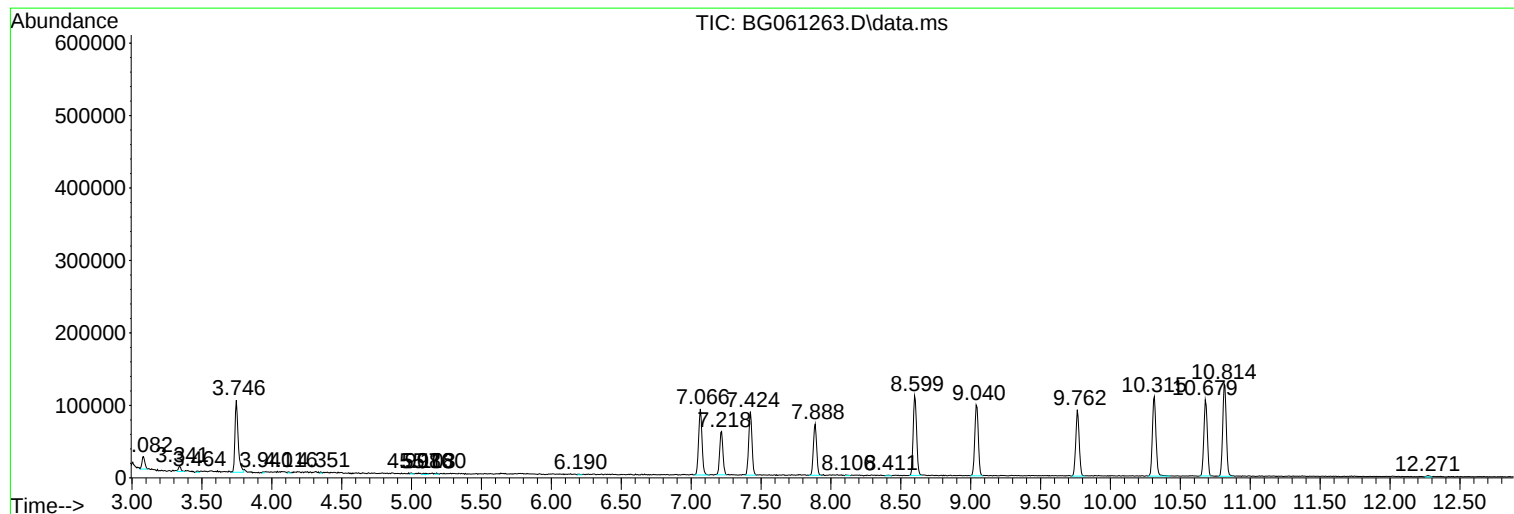
Sum of corrected areas: 8469929

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Misc : SFAM-MDL-ME-SOIL-01
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK897

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



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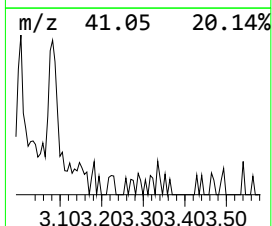
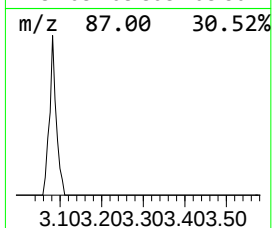
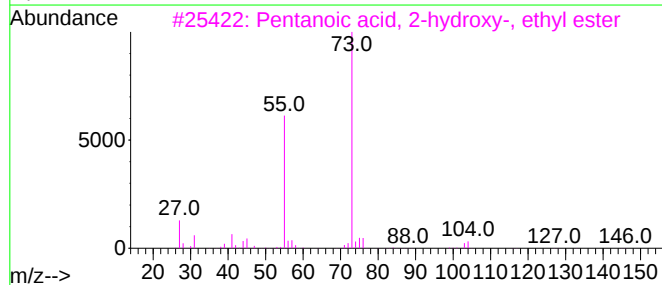
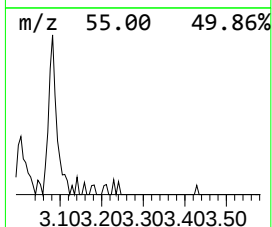
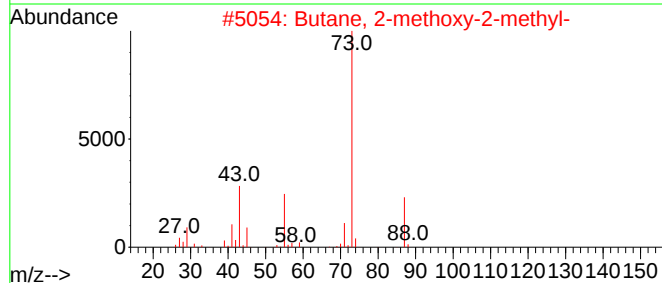
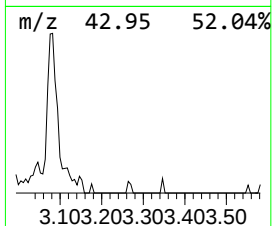
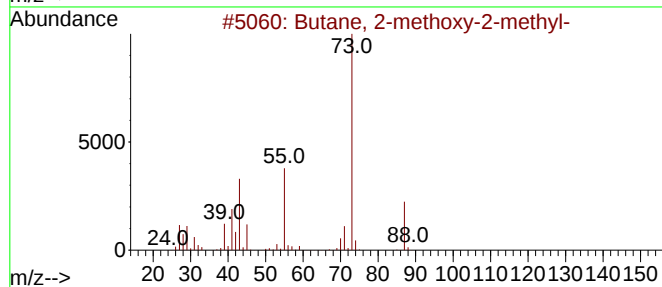
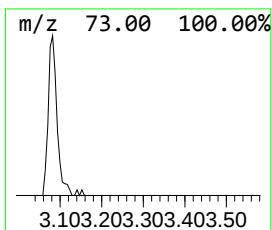
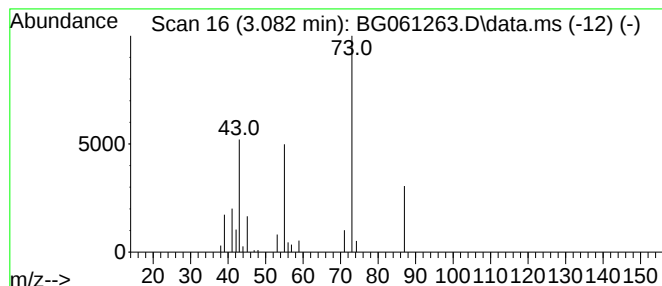
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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.
3.082	4.49 ng/ul	25670	1,4-Dichlorobenzene-d4	7.888

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	42
3			Pentanoic acid, 2-hydroxy-, ethy...	146	C7H14O3	006938-26-7	17
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5			1-Pentanamine	87	C5H13N	000110-58-7	9



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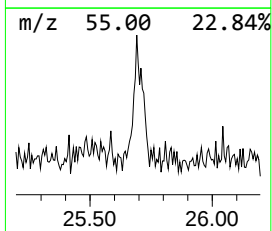
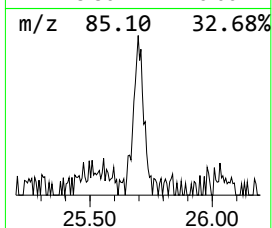
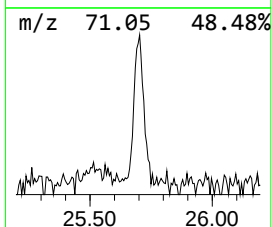
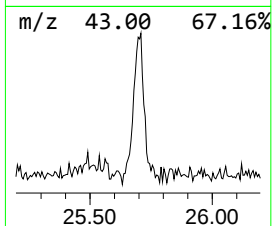
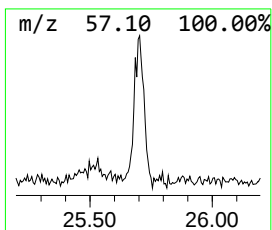
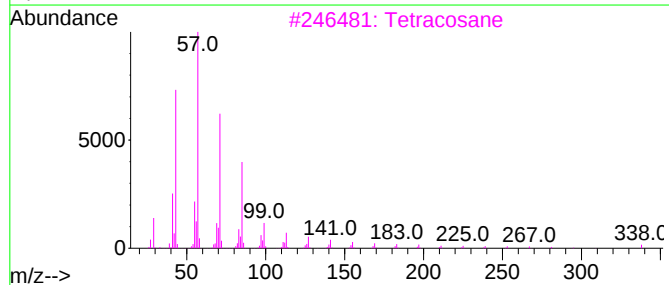
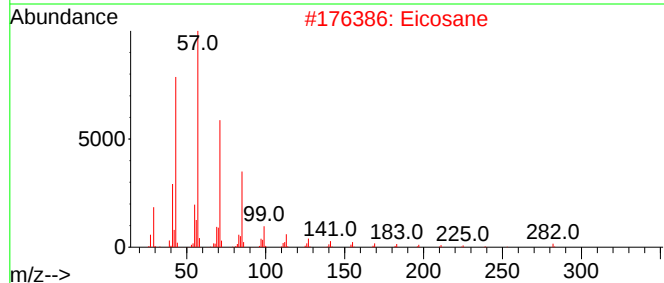
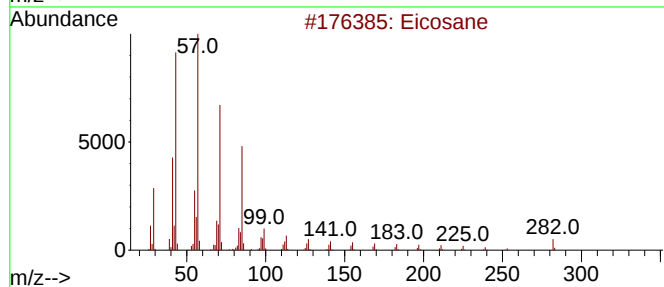
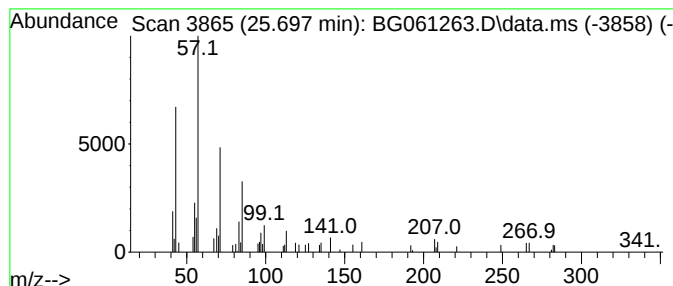
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.697	2.27 ng/ul	74467	Perylene-d12	24.604

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	83
3		Tetracosane	338	C24H50	000646-31-1	80
4		Heneicosane	296	C21H44	000629-94-7	80
5		Octacosane	394	C28H58	000630-02-4	80



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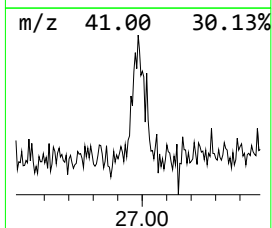
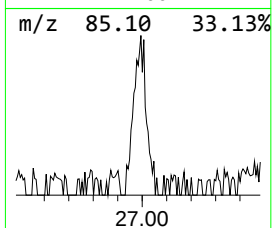
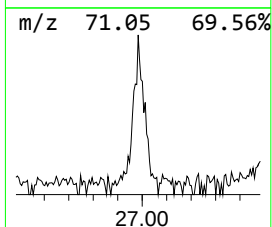
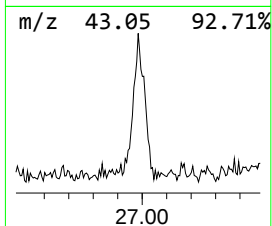
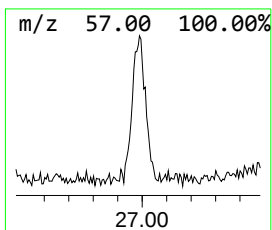
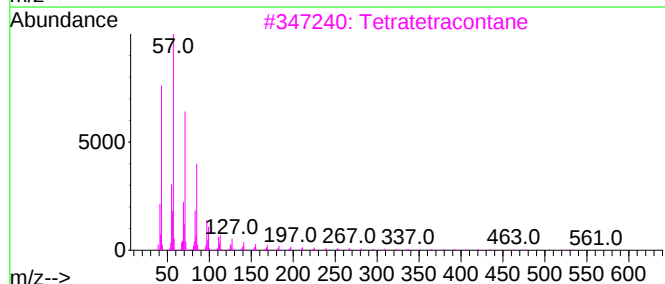
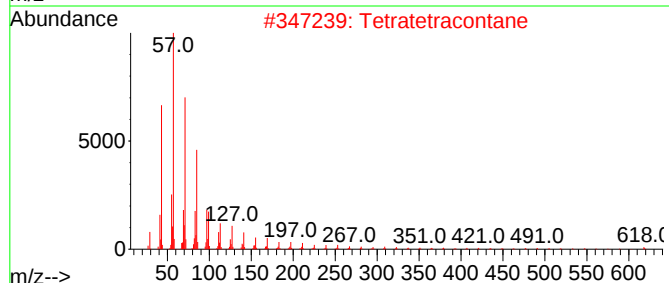
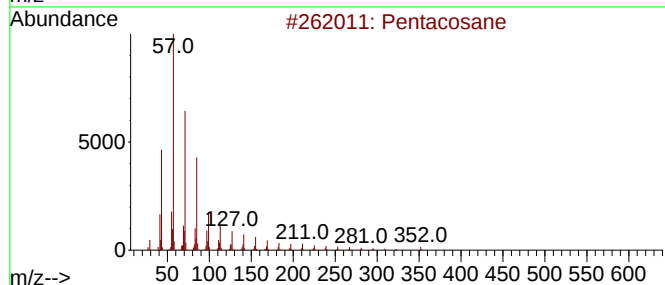
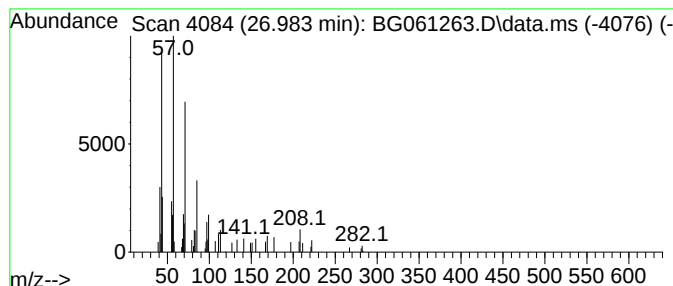
Instrument :
BNA_G
ClientSampleId :
SBLK897

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
26.983	2.18 ng/ul	71679	Perylene-d12		24.604	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	68
2	Tetratetracontane		619	C44H90	007098-22-8	64
3	Tetratetracontane		619	C44H90	007098-22-8	64
4	Octacosane		394	C28H58	000630-02-4	64
5	Octadecane, 1-chloro-		288	C18H37Cl	003386-33-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052224\
Data File : BG061263.D
Acq On : 22 May 2024 16:43
Operator : MA/JU
Sample : PB160897BL
Misc : SFAM-MDL-ME-SOIL-01
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK897

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.082	4.5	ng/u1	25670	1	7.888	114246	20.0
(DEL) Alkane: S...	25.697	2.3	ng/u1	74467	6	24.604	656195	20.0
(DEL) Alkane: S...	26.983	2.2	ng/u1	71679	6	24.604	656195	20.0