

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
 Data File : BG061271.D
 Acq On : 23 May 2024 14:44
 Operator : MA/JU
 Sample : PB160910BL
 Misc : SFAM-MDL-ME-SOIL-02
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK910

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: BG061271.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.077	11	15	21	rVB	13934	17777	2.03%	0.206%
2	3.335	55	59	65	rVB3	4700	6895	0.79%	0.080%
3	3.435	75	76	79	rBV2	1018	953	0.11%	0.011%
4	3.535	92	93	97	rBV3	1025	1007	0.12%	0.012%
5	3.741	123	128	138	rVV	82211	134395	15.36%	1.555%
6	4.075	180	185	186	rBV	1217	1346	0.15%	0.016%
7	7.060	687	693	702	rBV	93037	157135	17.96%	1.818%
8	7.213	712	719	725	rBV	59671	98248	11.23%	1.137%
9	7.419	747	754	761	rVV2	83913	146418	16.73%	1.694%
10	7.877	826	832	842	rBV	72502	123454	14.11%	1.428%
11	8.594	947	954	969	rVV	116545	196904	22.50%	2.278%
12	9.034	1022	1029	1039	rBV	92323	167870	19.18%	1.942%
13	9.757	1146	1152	1160	rBV	84303	150901	17.24%	1.746%
14	10.309	1239	1246	1256	rBV	114040	202499	23.14%	2.343%
15	10.679	1301	1309	1316	rBV	109322	192686	22.02%	2.229%
16	10.815	1324	1332	1343	rVB	126721	228627	26.13%	2.645%
17	12.272	1575	1580	1587	rVB3	1673	2816	0.32%	0.033%
18	13.923	1855	1861	1869	rBV	288401	406664	46.47%	4.705%
19	14.211	1899	1910	1920	rBV	271796	423445	48.39%	4.899%
20	14.522	1956	1963	1970	rBV	207705	322733	36.88%	3.734%
21	14.739	1993	2000	2014	rBV	89313	170537	19.49%	1.973%
22	15.515	2125	2132	2142	rVB	378511	569594	65.09%	6.590%
23	15.644	2149	2154	2166	rVV2	128456	203379	23.24%	2.353%
24	15.750	2169	2172	2177	rVV2	1932	2675	0.31%	0.031%
25	15.797	2177	2180	2185	rVB2	821	1183	0.14%	0.014%
26	16.126	2231	2236	2237	rBV	766	950	0.11%	0.011%
27	17.054	2391	2394	2399	rBV4	1113	1576	0.18%	0.018%
28	17.266	2424	2430	2438	rVB	321973	454384	51.92%	5.257%
29	17.366	2440	2447	2454	rBV	457717	659561	75.37%	7.631%
30	17.648	2491	2495	2496	rBV2	724	932	0.11%	0.011%
31	18.852	2697	2700	2703	rBV2	859	979	0.11%	0.011%
32	19.052	2728	2734	2735	rBV2	839	1444	0.17%	0.017%
33	19.222	2759	2763	2767	rBV5	6078	7965	0.91%	0.092%
34	19.293	2771	2775	2782	rBV3	5701	8648	0.99%	0.100%
35	19.346	2782	2784	2785	rVV	1443	1358	0.16%	0.016%
36	19.393	2788	2792	2793	rBV3	899	1165	0.13%	0.013%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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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	19.587	2819	2825	2828	rBV3	4869	6799	0.78%	0.079%
38	19.657	2831	2837	2849	rVV	572024	797081	91.09%	9.222%
39	19.804	2861	2862	2865	rBV2	1225	1340	0.15%	0.016%
40	20.021	2896	2899	2900	rBV3	1435	1133	0.13%	0.013%
41	20.045	2900	2903	2906	rBV3	1028	1353	0.15%	0.016%
42	20.198	2922	2929	2930	rBV5	1556	2657	0.30%	0.031%
43	20.303	2946	2947	2950	rBV2	1143	1311	0.15%	0.015%
44	20.421	2965	2967	2971	rVB3	2762	3173	0.36%	0.037%
45	20.462	2973	2974	2976	rVV2	1540	1303	0.15%	0.015%
46	20.509	2980	2982	2984	rVV2	2035	1578	0.18%	0.018%
47	20.627	2999	3002	3007	rVB6	5495	6721	0.77%	0.078%
48	20.697	3012	3014	3016	rVB3	1935	1353	0.15%	0.016%
49	20.738	3019	3021	3023	rBV2	2293	2033	0.23%	0.024%
50	20.856	3040	3041	3042	rVB	2637	930	0.11%	0.011%
51	20.938	3054	3055	3057	rBV2	1734	1203	0.14%	0.014%
52	21.185	3095	3097	3099	rBV3	2165	2169	0.25%	0.025%
53	21.332	3120	3122	3126	rBV5	3402	3574	0.41%	0.041%
54	21.414	3130	3136	3137	rBV6	5364	9583	1.10%	0.111%
55	21.514	3147	3153	3163	rVB2	349664	557532	63.71%	6.450%
56	21.708	3184	3186	3192	rVB6	5619	6851	0.78%	0.079%
57	21.978	3230	3232	3233	rBV2	3178	2581	0.29%	0.030%
58	22.060	3233	3246	3263	rVV5	49228	265090	30.29%	3.067%
59	22.225	3272	3274	3277	rBV3	2303	2052	0.23%	0.024%
60	22.254	3277	3279	3280	rVV2	3064	2526	0.29%	0.029%
61	22.295	3282	3286	3291	rVB4	9970	16772	1.92%	0.194%
62	22.660	3346	3348	3349	rVB2	2664	1692	0.19%	0.020%
63	22.683	3350	3352	3354	rBV3	2329	1209	0.14%	0.014%
64	22.806	3372	3373	3374	rBV	3141	1310	0.15%	0.015%
65	22.883	3384	3386	3387	rBV2	2001	1119	0.13%	0.013%
66	22.959	3393	3399	3406	rVB3	14949	27388	3.13%	0.317%
67	23.012	3406	3408	3409	rBV2	1873	1079	0.12%	0.012%
68	23.265	3449	3451	3454	rVB4	2269	1930	0.22%	0.022%
69	23.676	3520	3521	3522	rBV	3307	1797	0.21%	0.021%
70	23.729	3524	3530	3536	rVB3	21491	43985	5.03%	0.509%
71	24.052	3583	3585	3588	rVB4	2953	2502	0.29%	0.029%
72	24.087	3588	3591	3592	rBV3	4012	4295	0.49%	0.050%
73	24.393	3632	3643	3653	rBV2	329488	875091	100.00%	10.124%
74	24.604	3669	3679	3692	rVB2	232337	640614	73.21%	7.412%
75	25.163	3772	3774	3776	rBV3	2024	1096	0.13%	0.013%
76	25.239	3784	3787	3788	rBV2	3087	3489	0.40%	0.040%

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Integration Parameters: LSCINT.P

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 Title : SVOA CALIBRATION

77	25.486	3819	3829	3830	rBV6	14330	30673	3.51%	0.355%
78	25.697	3858	3865	3872	rVB4	25160	65350	7.47%	0.756%
79	25.809	3882	3884	3886	rBV3	2505	1388	0.16%	0.016%
80	26.620	4019	4022	4023	rBV3	3160	3684	0.42%	0.043%
81	26.984	4073	4084	4092	rBV5	26566	90049	10.29%	1.042%
82	27.090	4100	4102	4104	rVB3	2939	2086	0.24%	0.024%
83	27.307	4138	4139	4140	rBV	4535	2331	0.27%	0.027%
84	27.895	4237	4239	4241	rBV3	2577	2942	0.34%	0.034%
85	28.277	4303	4304	4305	rBV	3417	1301	0.15%	0.015%
86	28.294	4305	4307	4309	rBV2	2647	1538	0.18%	0.018%
87	28.412	4325	4327	4328	rVB2	2513	1073	0.12%	0.012%
88	28.512	4337	4344	4345	rBV5	15129	22534	2.58%	0.261%
89	28.935	4414	4416	4419	rBV5	2969	2486	0.28%	0.029%
90	29.128	4446	4449	4452	rBV4	3636	5892	0.67%	0.068%
91	29.205	4460	4462	4464	rBV3	2510	1550	0.18%	0.018%
92	29.375	4488	4491	4496	rBV7	2937	5166	0.59%	0.060%
93	29.428	4498	4500	4503	rBV4	2438	3526	0.40%	0.041%
94	30.127	4617	4619	4624	rBV6	2308	2116	0.24%	0.024%
95	30.368	4656	4660	4661	rBV4	6326	7137	0.82%	0.083%
96	30.392	4661	4664	4665	rVV3	4477	5102	0.58%	0.059%
97	30.562	4691	4693	4694	rBV2	2187	1222	0.14%	0.014%
98	31.514	4853	4855	4858	rBV4	2842	3473	0.40%	0.040%
99	32.043	4943	4945	4946	rVB2	2733	1290	0.15%	0.015%
100	32.524	5024	5027	5028	rBV3	3852	3077	0.35%	0.036%

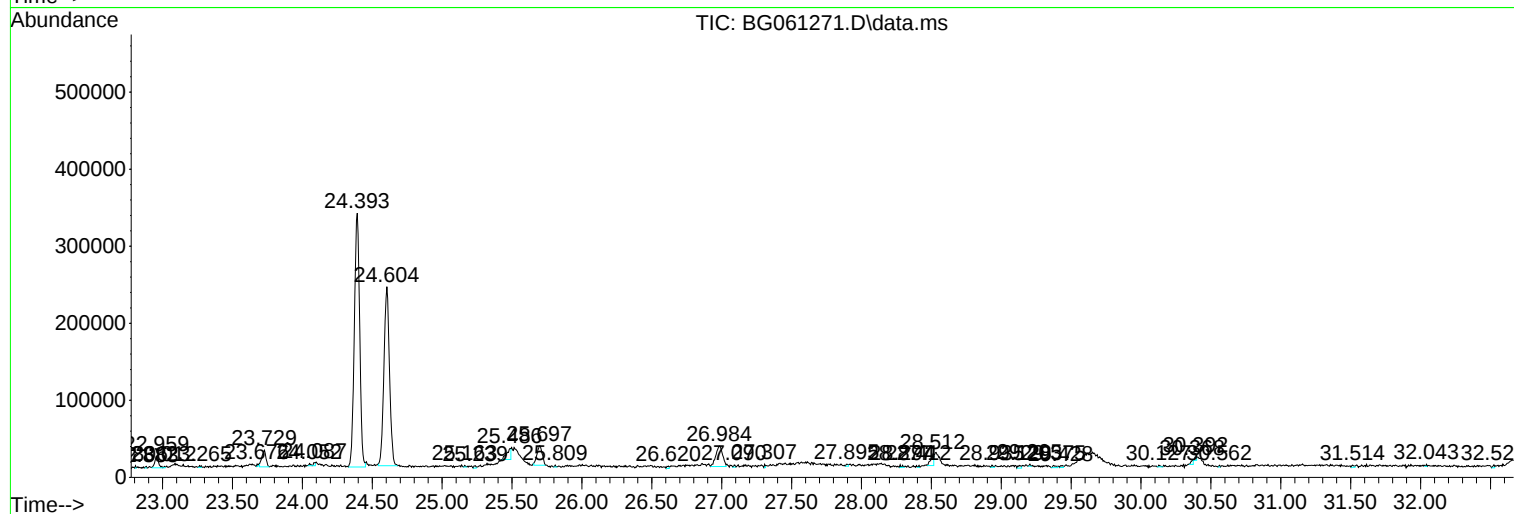
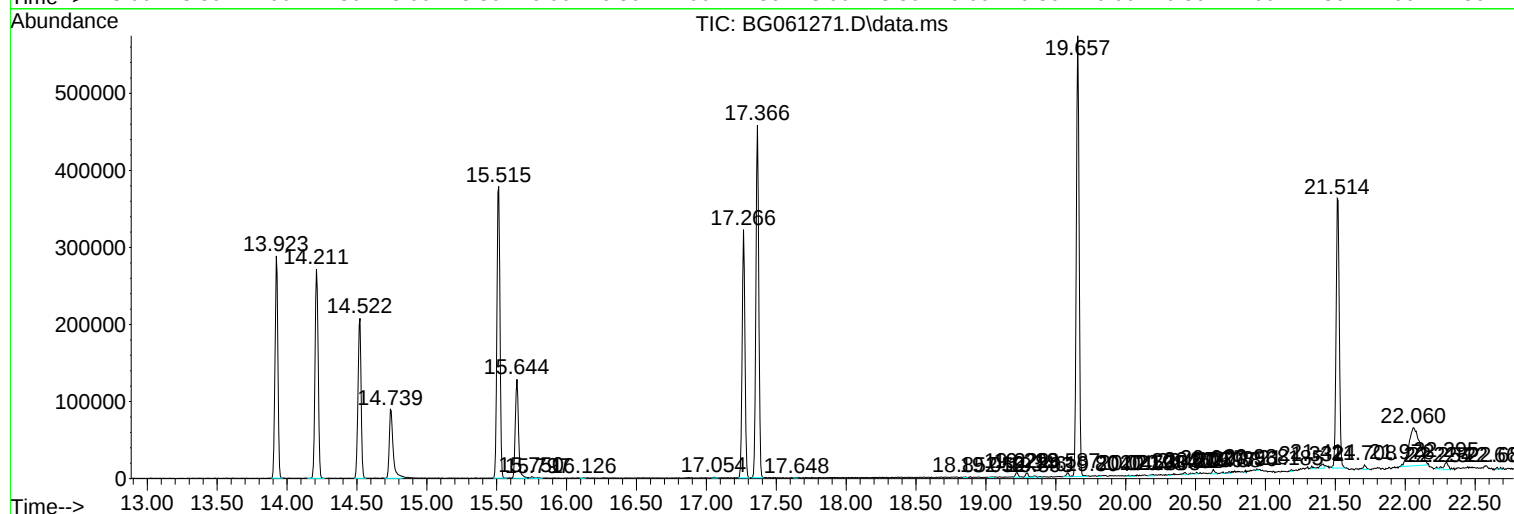
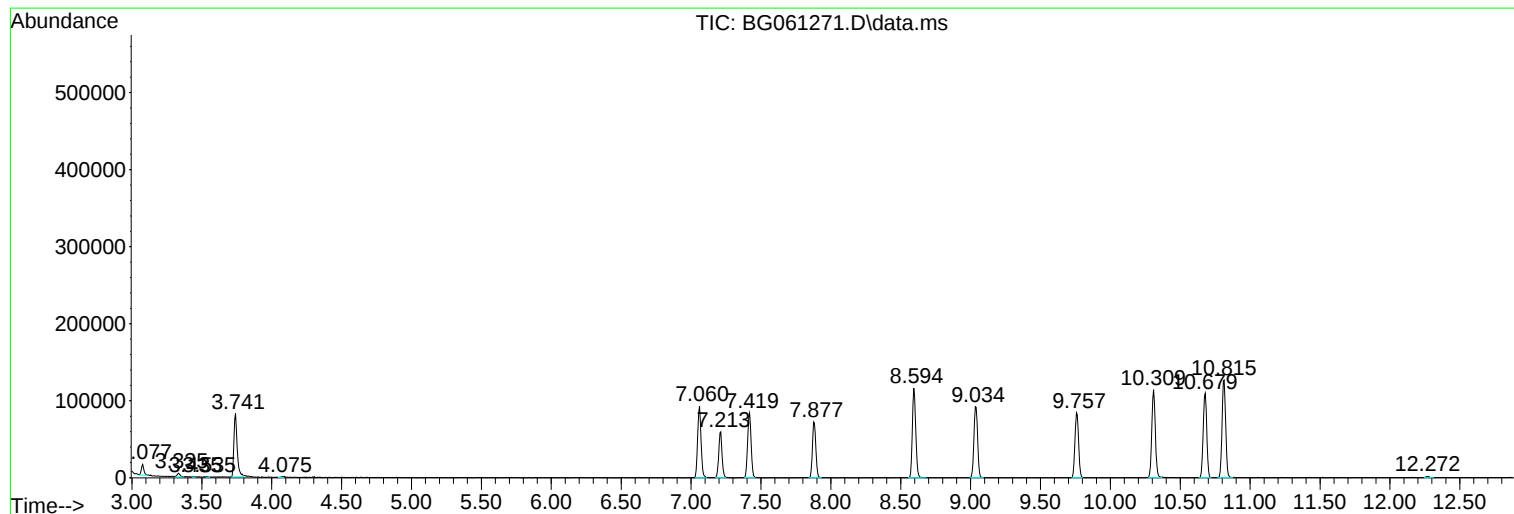
Sum of corrected areas: 8643383

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Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK910

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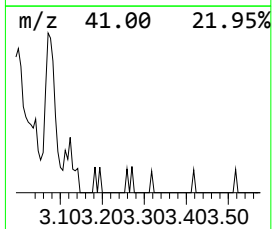
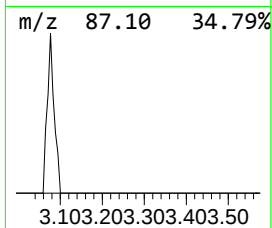
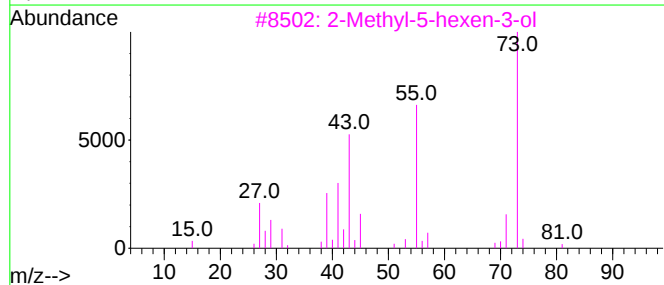
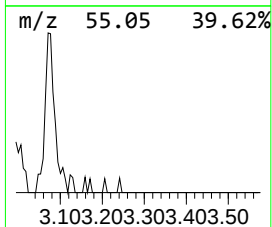
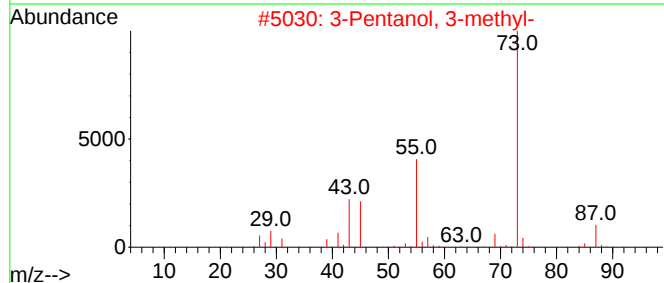
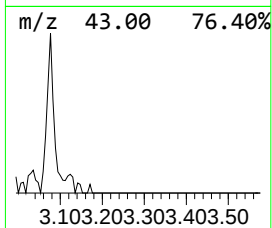
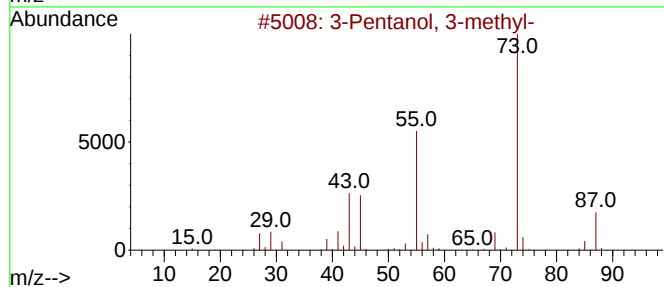
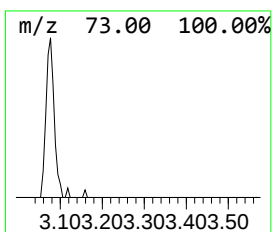
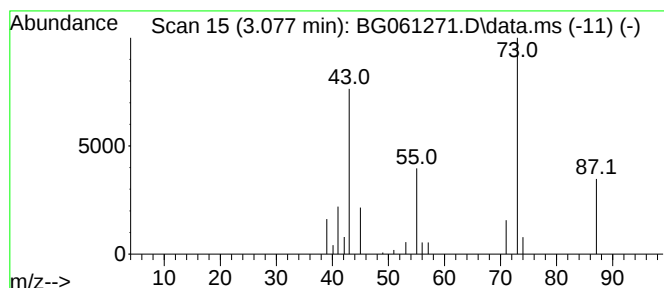
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.077	2.88 ng/ul	17777	1,4-Dichlorobenzene-d4	7.877

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	45
2			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
3			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	25
5			1-Hepten-4-ol	114	C7H14O	003521-91-3	23



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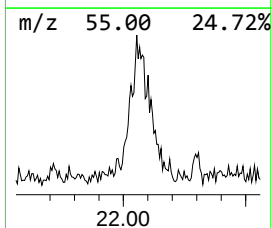
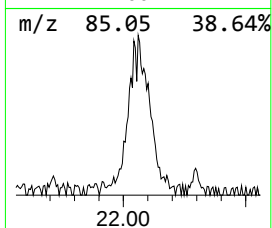
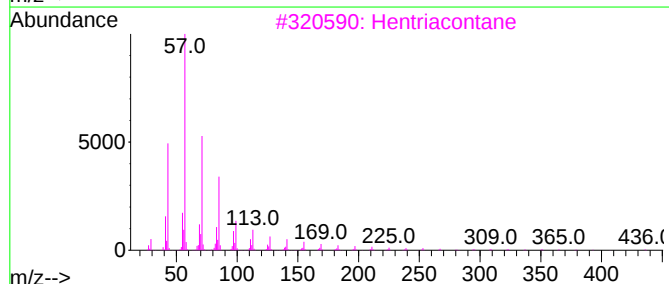
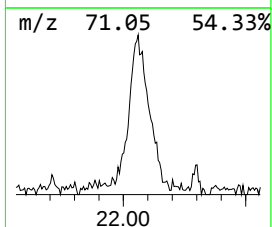
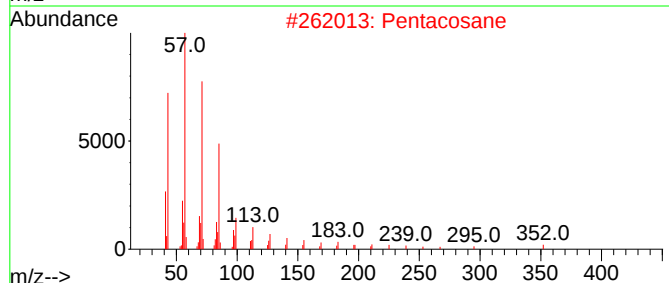
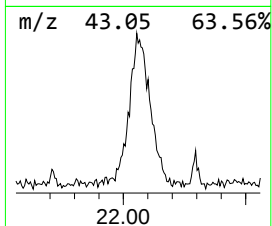
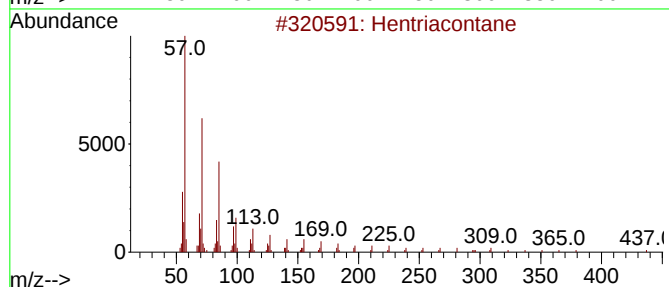
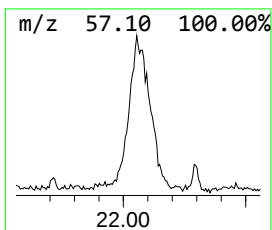
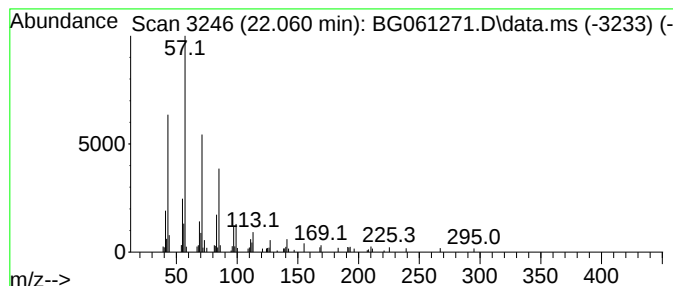
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
22.060	9.51 ng/ul	265090	Chrysene-d12		21.514	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	90
2	Pentacosane		352	C25H52	000629-99-2	90
3	Hentriacontane		437	C31H64	000630-04-6	87
4	Tetratetracontane		619	C44H90	007098-22-8	87
5	Octacosane, 2-methyl-		408	C29H60	001560-98-1	87



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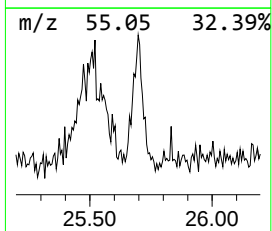
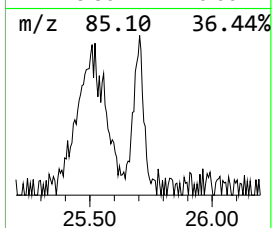
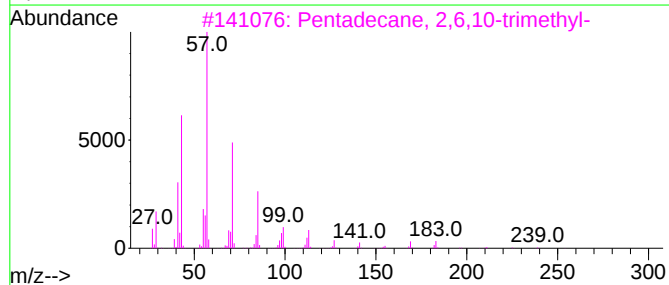
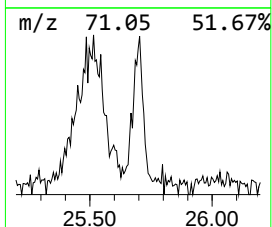
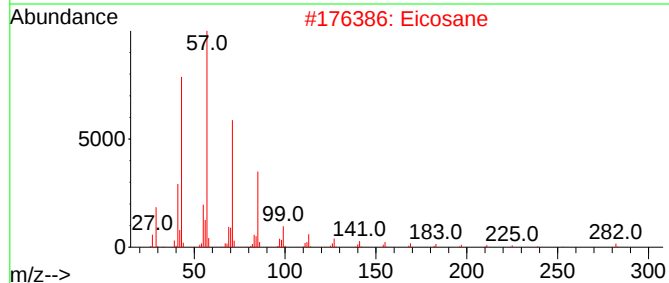
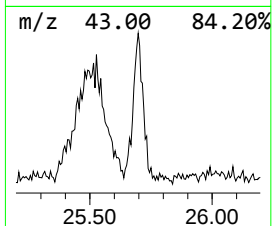
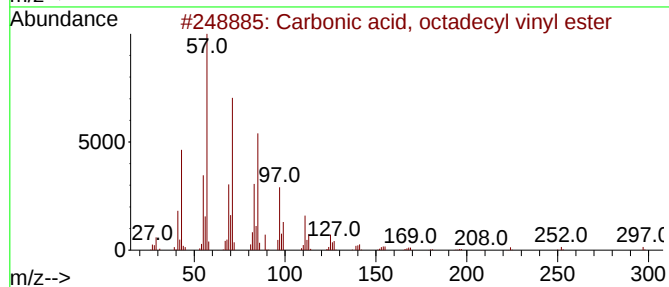
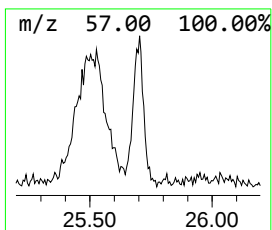
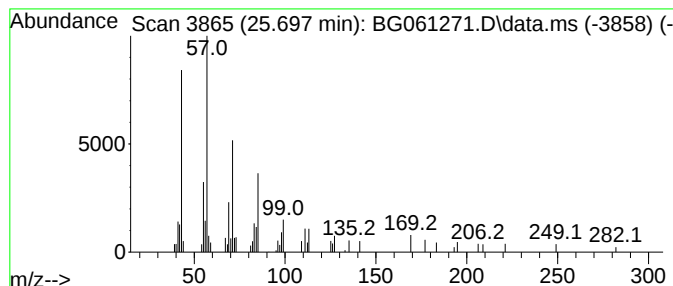
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Carbonic acid, octadecyl vi... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.697	2.04 ng/ul	65350	Perylene-d12	24.604

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	78
2			Eicosane	282	C20H42	000112-95-8	76
3			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
4			Hexadecane	226	C16H34	000544-76-3	72
5			Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
Data File : BG061271.D
Acq On : 23 May 2024 14:44
Operator : MA/JU
Sample : PB160910BL
Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 7 Sample Multiplier: 1

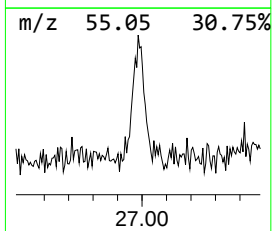
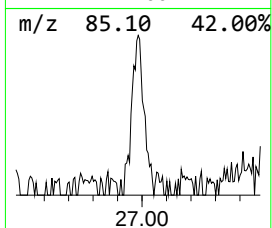
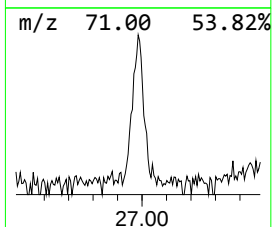
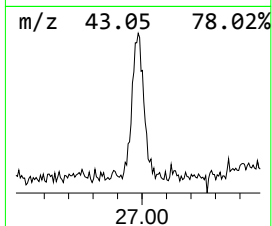
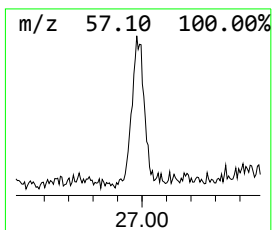
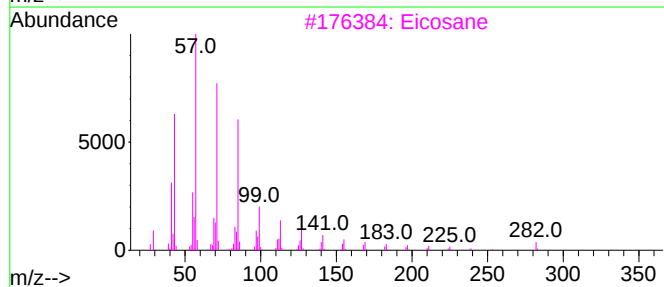
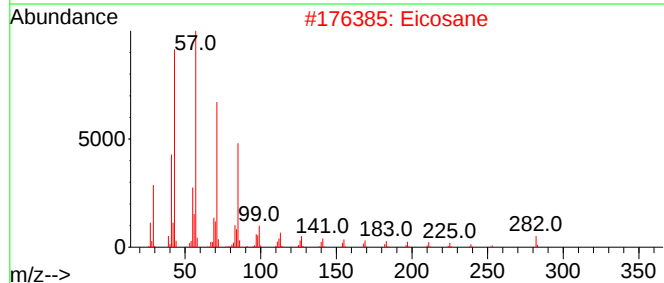
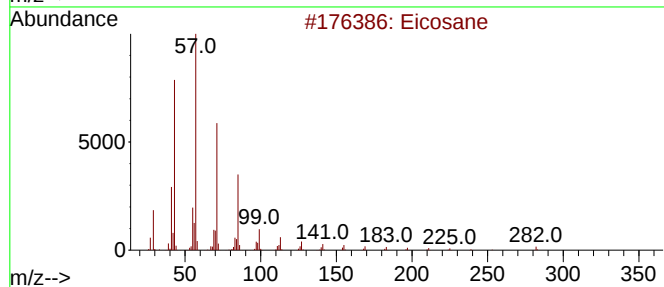
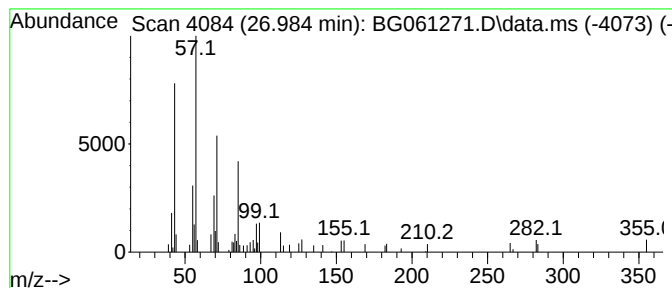
Instrument :
BNA_G
ClientSampleId :
SBLK910

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
26.984	2.81 ng/ul	90049	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	86
3	Eicosane		282	C20H42	000112-95-8	83
4	Octacosane		394	C28H58	000630-02-4	83
5	Tetratetracontane		619	C44H90	007098-22-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
Data File : BG061271.D
Acq On : 23 May 2024 14:44
Operator : MA/JU
Sample : PB160910BL
Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK910

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
unknown-01	3.077	2.9	ng/u1	17777	1	7.877	123454	20.0
(DEL) Alkane: S...	22.060	9.5	ng/u1	265090	5	21.514	557532	20.0
Carbonic acid, ...	25.697	2.0	ng/u1	65350	6	24.604	640614	20.0
(DEL) Alkane: S...	26.984	2.8	ng/u1	90049	6	24.604	640614	20.0