

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058323.D
 Acq On : 19 Jul 2023 9:46
 Operator : CG/JU
 Sample : 03501-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4669

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-BG071723.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG058323.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.335	39	42	45	rBV3	11255	15960	0.67%	0.037%
2	3.370	45	48	57	rVB	54146	77586	3.28%	0.182%
3	3.799	117	121	126	rVB	6663	9252	0.39%	0.022%
4	4.404	217	224	235	rBV	472661	712966	30.10%	1.670%
5	4.998	319	325	335	rBV	367688	555680	23.46%	1.301%
6	6.079	504	509	514	rVB3	3228	5464	0.23%	0.013%
7	7.037	664	672	674	rBV	241530	406419	17.16%	0.952%
8	7.084	678	680	698	rVV	271186	445500	18.81%	1.043%
9	7.225	698	704	718	rVB	144579	251063	10.60%	0.588%
10	7.430	731	739	742	rVV	185462	349390	14.75%	0.818%
11	7.460	742	744	758	rVB	157023	224041	9.46%	0.525%
12	7.894	810	818	827	rBV	133397	230645	9.74%	0.540%
13	8.605	931	939	948	rBV2	220974	399873	16.88%	0.936%
14	8.699	948	955	965	rVB	189661	322826	13.63%	0.756%
15	9.058	1008	1016	1020	rBV	182995	333001	14.06%	0.780%
16	9.099	1020	1023	1035	rVV	139388	240412	10.15%	0.563%
17	9.780	1132	1139	1142	rBV	150939	290366	12.26%	0.680%
18	9.810	1142	1144	1154	rVB	135815	207280	8.75%	0.485%
19	10.321	1224	1231	1234	rBV	259379	513845	21.70%	1.203%
20	10.703	1284	1296	1300	rBV	204515	396857	16.76%	0.929%
21	10.750	1300	1304	1311	rVV	207958	363246	15.34%	0.851%
22	10.832	1311	1318	1332	rVB	197502	381009	16.09%	0.892%
23	11.032	1344	1352	1360	rVB	209013	359363	15.17%	0.842%
24	11.984	1507	1514	1532	rBV	385862	695396	29.36%	1.628%
25	12.219	1550	1554	1561	rVB	9526	15071	0.64%	0.035%
26	12.283	1561	1565	1571	rBV2	3484	5592	0.24%	0.013%
27	12.577	1607	1615	1625	rBV	364926	601402	25.39%	1.408%
28	12.724	1634	1640	1649	rBV	247133	403281	17.03%	0.944%
29	12.971	1675	1682	1686	rBV	335982	560407	23.66%	1.312%
30	13.012	1686	1689	1702	rVB	88745	139865	5.91%	0.328%
31	13.370	1742	1750	1754	rBV	490579	846989	35.76%	1.983%
32	13.411	1754	1757	1768	rVB	256721	388550	16.41%	0.910%
33	13.940	1837	1847	1851	rBV	471048	693613	29.29%	1.624%
34	13.987	1851	1855	1862	rVB	402858	555070	23.44%	1.300%
35	14.111	1870	1876	1884	rVB	264125	399189	16.85%	0.935%
36	14.228	1889	1896	1906	rVB2	544500	854979	36.10%	2.002%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058323.D
 Acq On : 19 Jul 2023 9:46
 Operator : CG/JU
 Sample : 03501-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4669

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-BG071723.MA.M
 Title : SVOA CALIBRATION

37	14.540	1940	1949	1954	rBV	353309	576398	24.34%	1.350%
38	14.598	1954	1959	1970	rVB	456530	705816	29.80%	1.653%
39	14.745	1975	1984	2005	rBV3	282336	658489	27.80%	1.542%
40	14.933	2010	2016	2024	rVV	339045	521862	22.03%	1.222%
41	15.162	2049	2055	2069	rVV	277849	447087	18.88%	1.047%
42	15.321	2077	2082	2086	rVV3	4699	7926	0.33%	0.019%
43	15.374	2086	2091	2098	rVB3	13224	19384	0.82%	0.045%
44	15.527	2111	2117	2122	rBV	733731	1132042	47.80%	2.651%
45	15.574	2122	2125	2132	rVV	317895	437575	18.48%	1.025%
46	15.662	2132	2140	2150	rVV3	446963	864383	36.50%	2.024%
47	15.738	2152	2153	2158	rVV3	4856	8323	0.35%	0.019%
48	16.238	2234	2238	2241	rBV5	3330	6023	0.25%	0.014%
49	16.584	2291	2297	2303	rBV	370654	554195	23.40%	1.298%
50	16.743	2319	2324	2327	rBV5	5122	7689	0.32%	0.018%
51	16.813	2331	2336	2339	rBV5	8718	12608	0.53%	0.030%
52	16.931	2350	2356	2368	rVV	401864	652958	27.57%	1.529%
53	17.025	2368	2372	2376	rVB	37721	46917	1.98%	0.110%
54	17.107	2384	2386	2390	rVB4	5396	7357	0.31%	0.017%
55	17.189	2392	2400	2406	rBV9	4695	12096	0.51%	0.028%
56	17.283	2409	2416	2419	rVV	465688	758846	32.04%	1.777%
57	17.325	2419	2423	2428	rVV	495981	774362	32.69%	1.813%
58	17.377	2428	2432	2436	rVV	777348	1311714	55.38%	3.072%
59	17.413	2436	2438	2449	rVV	546558	773610	32.66%	1.812%
60	17.501	2449	2453	2459	rVB4	12383	20288	0.86%	0.048%
61	17.565	2459	2464	2469	rBV5	13243	19741	0.83%	0.046%
62	17.630	2471	2475	2476	rBV4	5405	5767	0.24%	0.014%
63	17.683	2478	2484	2491	rVV	440381	681083	28.76%	1.595%
64	17.753	2491	2496	2508	rVB	465652	706027	29.81%	1.653%
65	17.889	2516	2519	2524	rVV4	14423	20757	0.88%	0.049%
66	17.936	2524	2527	2531	rVB5	6175	8540	0.36%	0.020%
67	18.041	2543	2545	2551	rVB4	3973	5545	0.23%	0.013%
68	18.165	2561	2566	2573	rBV2	80834	133465	5.64%	0.313%
69	18.235	2573	2578	2588	rVB	472935	662436	27.97%	1.551%
70	18.458	2611	2616	2619	rBV4	6859	9559	0.40%	0.022%
71	18.693	2652	2656	2663	rVB2	15599	24261	1.02%	0.057%
72	19.087	2720	2723	2727	rVB4	5340	6138	0.26%	0.014%
73	19.234	2742	2748	2752	rBV6	12129	20029	0.85%	0.047%
74	19.340	2756	2766	2776	rBV	1209049	1820732	76.87%	4.264%
75	19.440	2780	2783	2787	rBV4	14703	20389	0.86%	0.048%
76	19.581	2802	2807	2812	rBV	11416	15929	0.67%	0.037%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058323.D
 Acq On : 19 Jul 2023 9:46
 Operator : CG/JU
 Sample : 03501-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4669

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-BG071723.MA.M
 Title : SVOA CALIBRATION

77	19.669	2816	2822	2825	rBV	980211	1562955	65.99%	3.660%
78	19.698	2825	2827	2836	rVB	912309	1127237	47.59%	2.640%
79	19.816	2843	2847	2851	rBV7	4674	7422	0.31%	0.017%
80	20.192	2907	2911	2916	rBV6	7258	10699	0.45%	0.025%
81	20.579	2972	2977	2983	rBV	481290	570741	24.10%	1.336%
82	20.685	2991	2995	2999	rBV3	10781	15950	0.67%	0.037%
83	21.185	3075	3080	3096	rBV6	35958	125229	5.29%	0.293%
84	21.414	3114	3119	3124	rVB	646999	841597	35.53%	1.971%
85	21.514	3129	3136	3143	rBV2	1084346	2368442	100.00%	5.546%
86	21.578	3143	3147	3157	rVB	736974	1165918	49.23%	2.730%
87	21.708	3166	3169	3173	rVB3	13558	18706	0.79%	0.044%
88	22.301	3265	3270	3275	rVB3	21612	32497	1.37%	0.076%
89	22.659	3327	3331	3337	rBV5	16762	30949	1.31%	0.072%
90	22.889	3366	3370	3374	rBV6	6442	12263	0.52%	0.029%
91	22.965	3378	3383	3392	rVB4	17933	38595	1.63%	0.090%
92	23.670	3494	3503	3511	rBV	520489	1225101	51.73%	2.869%
93	23.741	3512	3515	3524	rVB4	29891	59113	2.50%	0.138%
94	24.451	3625	3636	3642	rBV2	514001	1429072	60.34%	3.346%
95	24.522	3642	3648	3659	rVV	405013	1071621	45.25%	2.509%
96	24.663	3663	3672	3687	rVB	306133	866918	36.60%	2.030%
97	25.756	3850	3858	3867	rVB3	27852	76944	3.25%	0.180%
98	27.054	4071	4079	4080	rBV6	14723	32389	1.37%	0.076%
99	28.253	4264	4283	4309	rBV3	336784	2275555	96.08%	5.329%
100	29.910	4563	4565	4567	rBV3	23379	9080	0.38%	0.021%

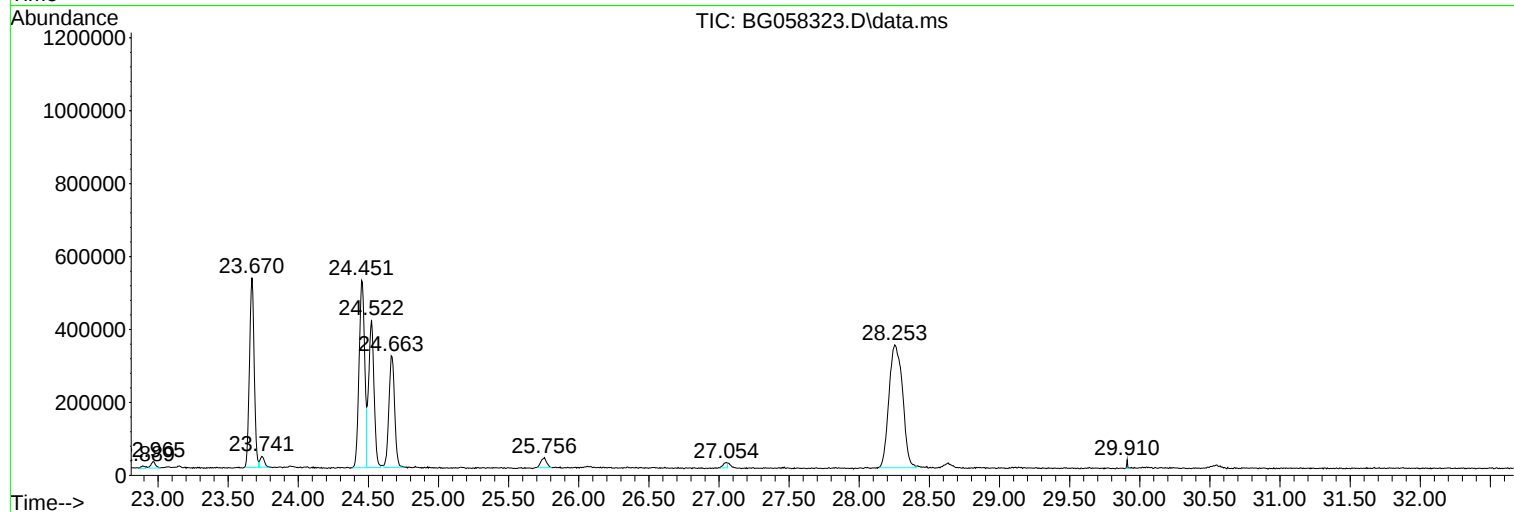
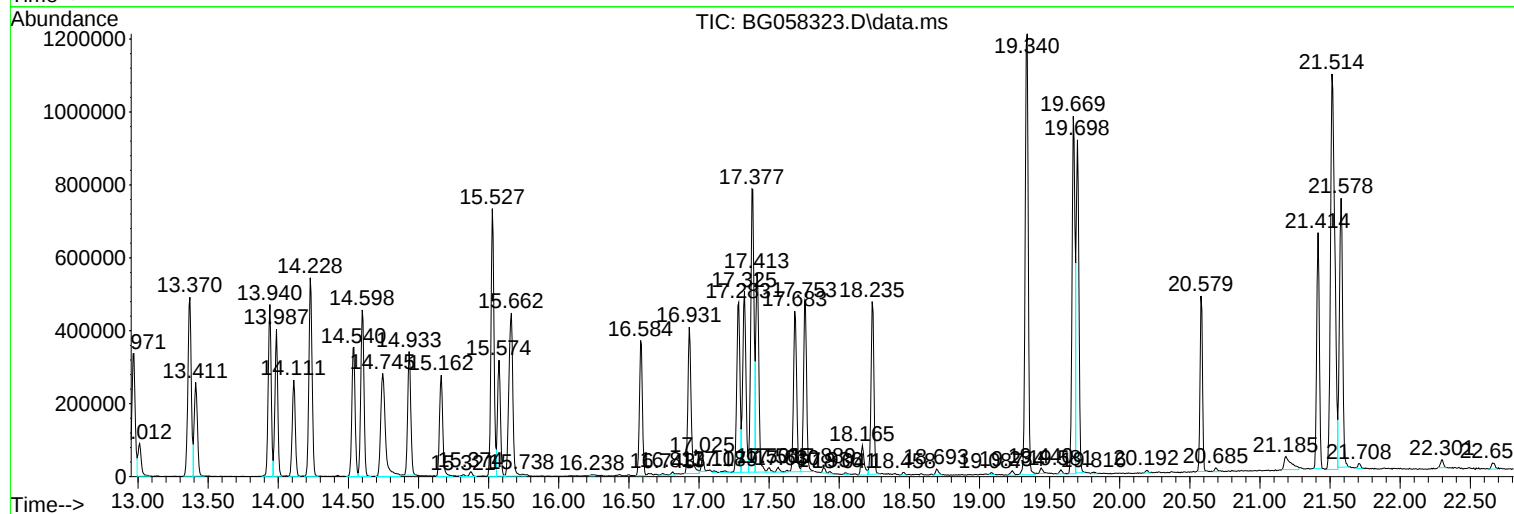
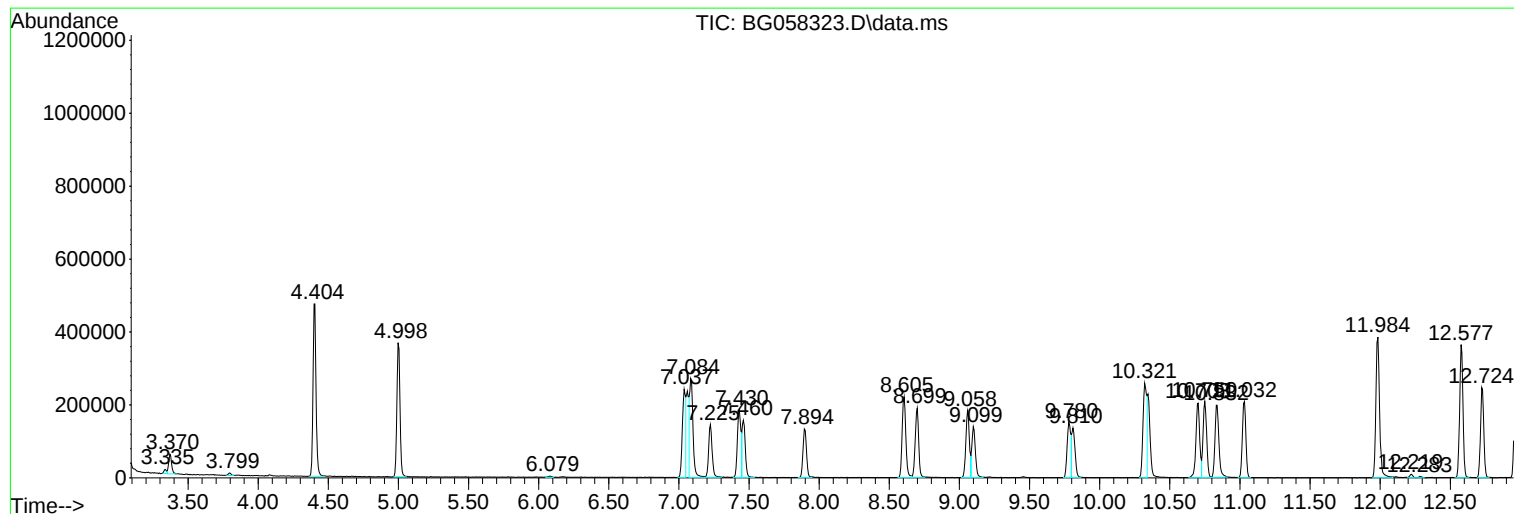
Sum of corrected areas: 42704787

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058323.D
Acq On : 19 Jul 2023 9:46
Operator : CG/JU
Sample : 03501-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4669

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058323.D
Acq On : 19 Jul 2023 9:46
Operator : CG/JU
Sample : 03501-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4669

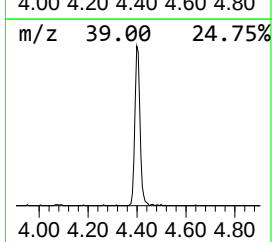
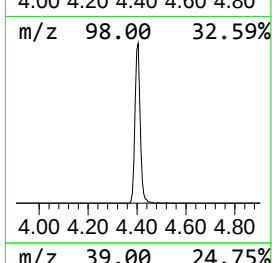
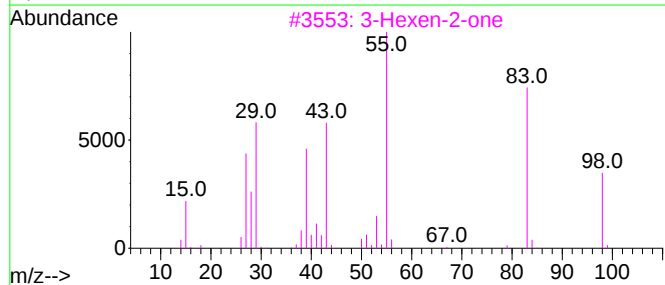
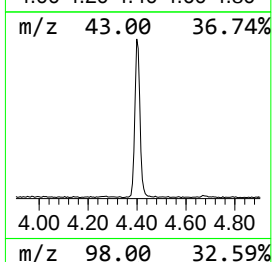
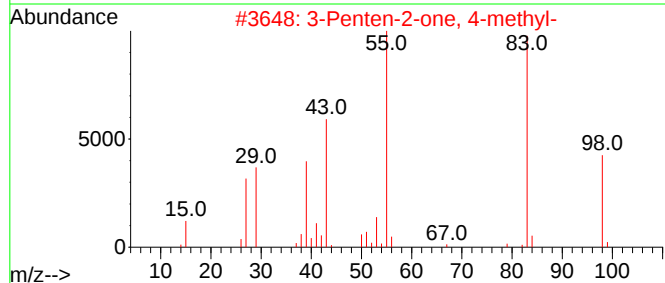
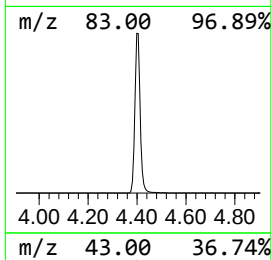
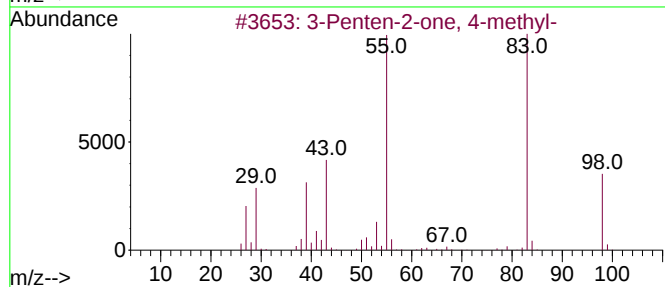
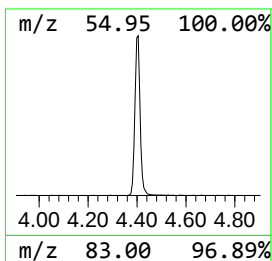
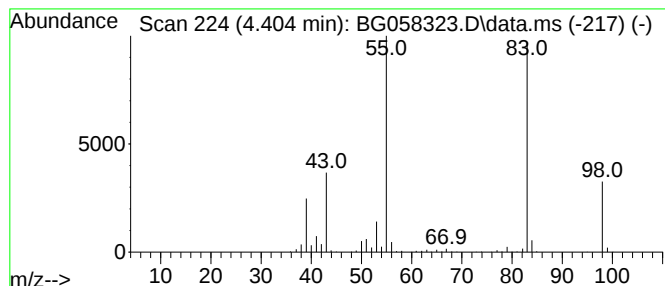
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.404	61.82 ng/ul	712966	1,4-Dichlorobenzene-d4	7.900

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-			98	C6H10O	000141-79-7	94
2	3-Penten-2-one, 4-methyl-			98	C6H10O	000141-79-7	91
3	3-Hexen-2-one			98	C6H10O	000763-93-9	91
4	3-Penten-2-one, 4-methyl-			98	C6H10O	000141-79-7	91
5	3-Hexen-2-one			98	C6H10O	000763-93-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058323.D
Acq On : 19 Jul 2023 9:46
Operator : CG/JU
Sample : 03501-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4669

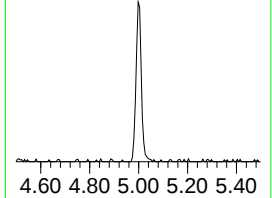
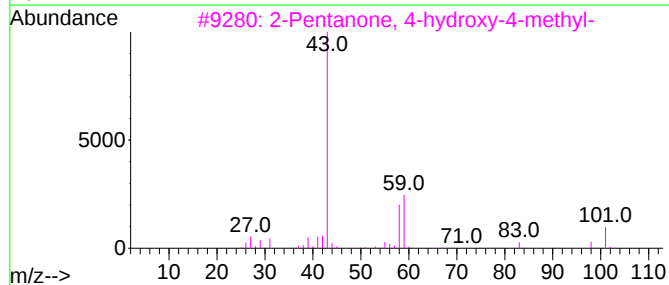
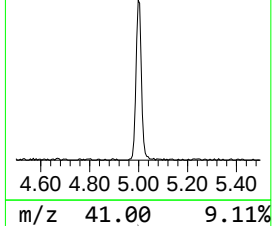
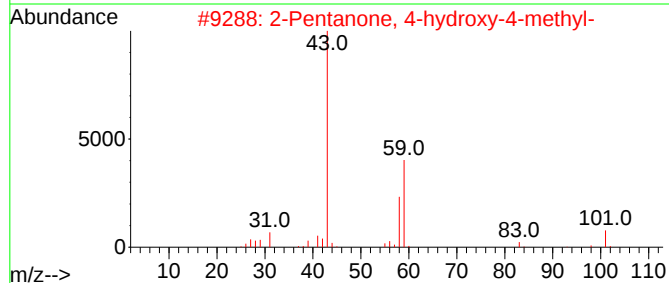
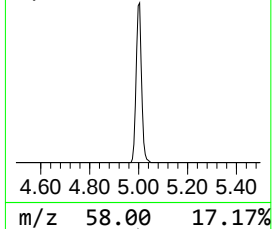
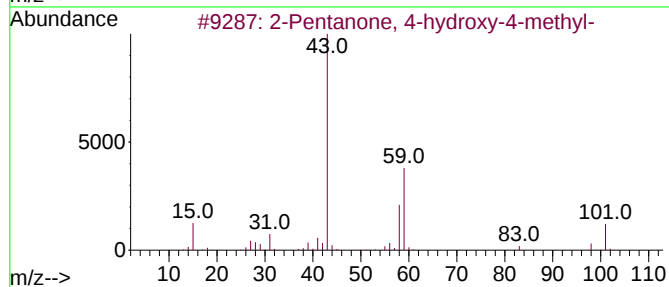
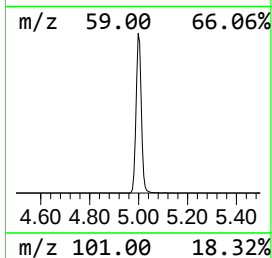
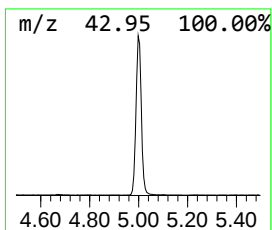
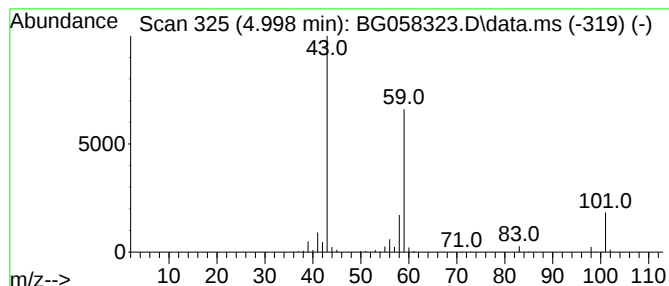
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.998	48.18 ng/ul	555680	1,4-Dichlorobenzene-d4	7.900

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40		
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38		
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058323.D
Acq On : 19 Jul 2023 9:46
Operator : CG/JU
Sample : 03501-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4669

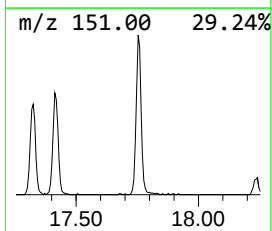
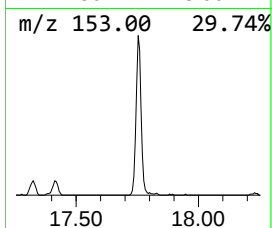
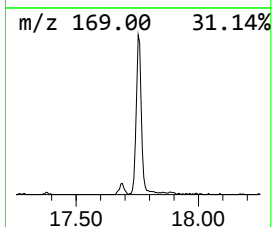
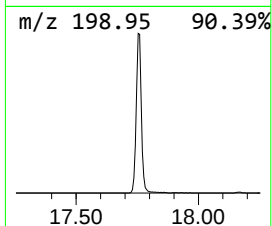
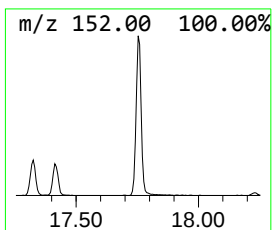
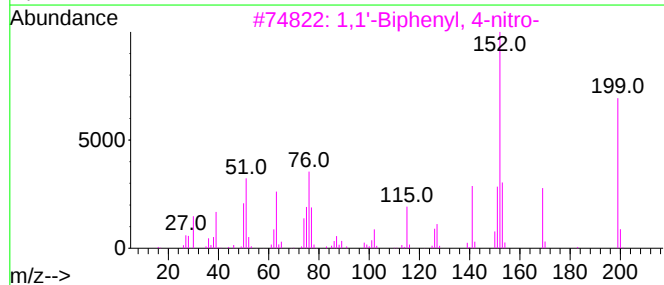
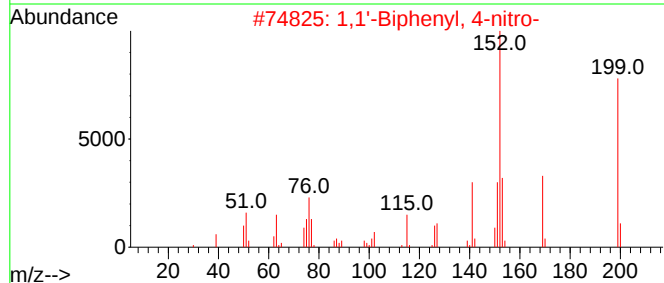
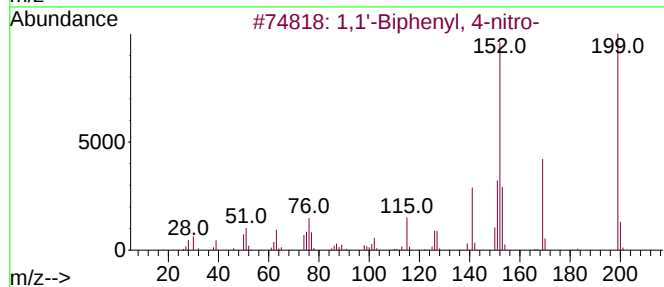
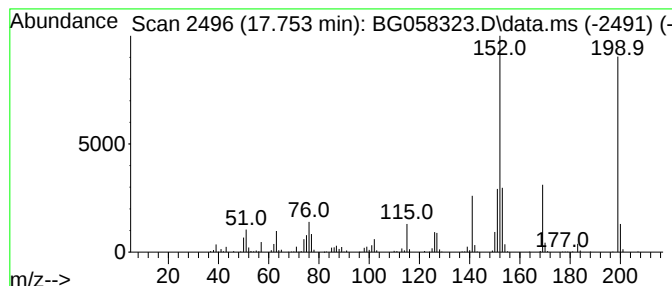
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 1,1'-Biphenyl, 4-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.753	18.61 ng/ul	706027	Phenanthrene-d10	17.283

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-nitro-			199	C12H9NO2	000092-93-3	99
2	1,1'-Biphenyl, 4-nitro-			199	C12H9NO2	000092-93-3	98
3	1,1'-Biphenyl, 4-nitro-			199	C12H9NO2	000092-93-3	96
4	1,1'-Biphenyl, 3-nitro-			199	C12H9NO2	002113-58-8	93
5	1,1'-Biphenyl, 3-nitro-			199	C12H9NO2	002113-58-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058323.D
Acq On : 19 Jul 2023 9:46
Operator : CG/JU
Sample : 03501-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4669

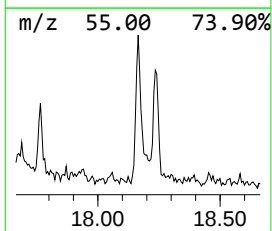
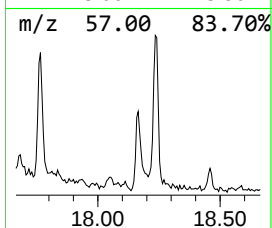
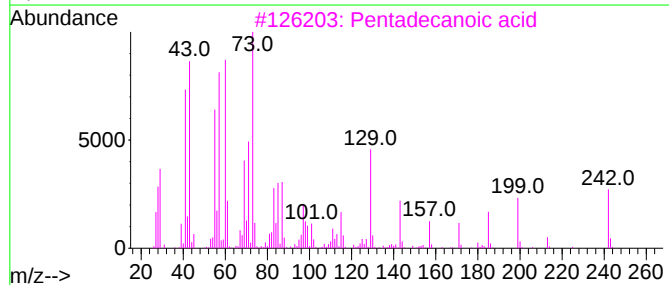
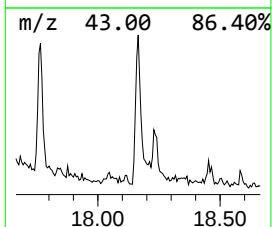
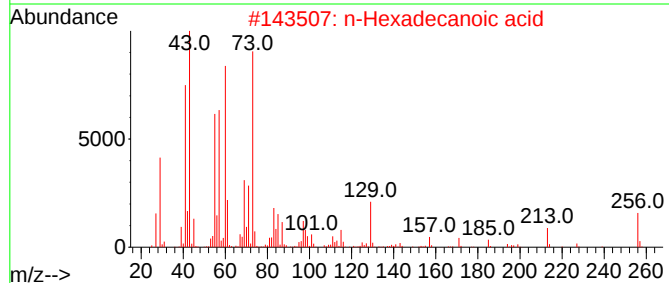
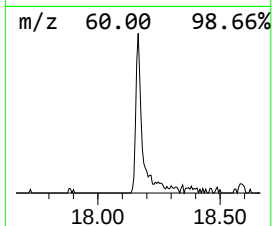
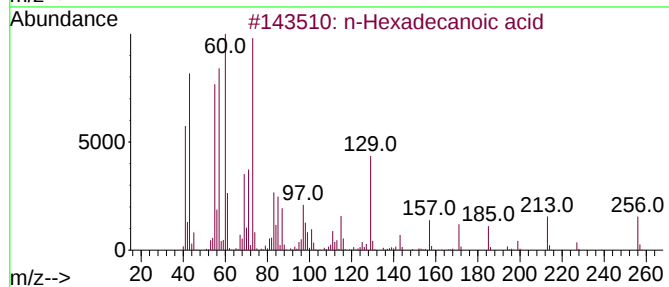
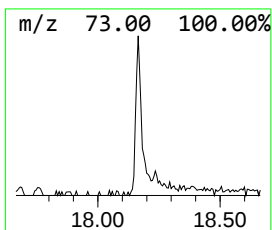
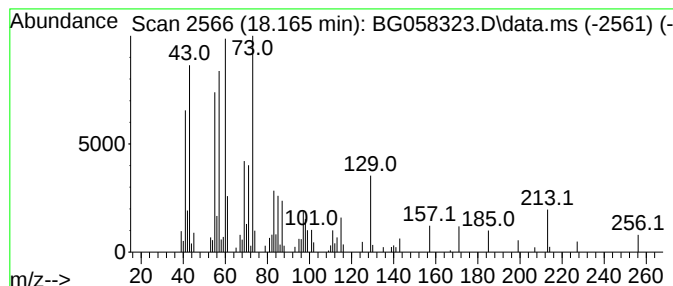
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.165	3.52 ng/ul	133465	Phenanthrene-d10	17.283

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5			Tridecanoic acid	214	C13H26O2	000638-53-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058323.D
Acq On : 19 Jul 2023 9:46
Operator : CG/JU
Sample : 03501-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4669

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.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
3-Penten-2-one,...	4.404	61.8	ng/ul	712966	1	7.900	230645	20.0
2-Pentanone, 4-...	4.998	48.2	ng/ul	555680	1	7.900	230645	20.0
1,1'-Biphenyl, ...	17.753	18.6	ng/ul	706027	4	17.283	758846	20.0
n-Hexadecanoic ...	18.165	3.5	ng/ul	133465	4	17.283	758846	20.0