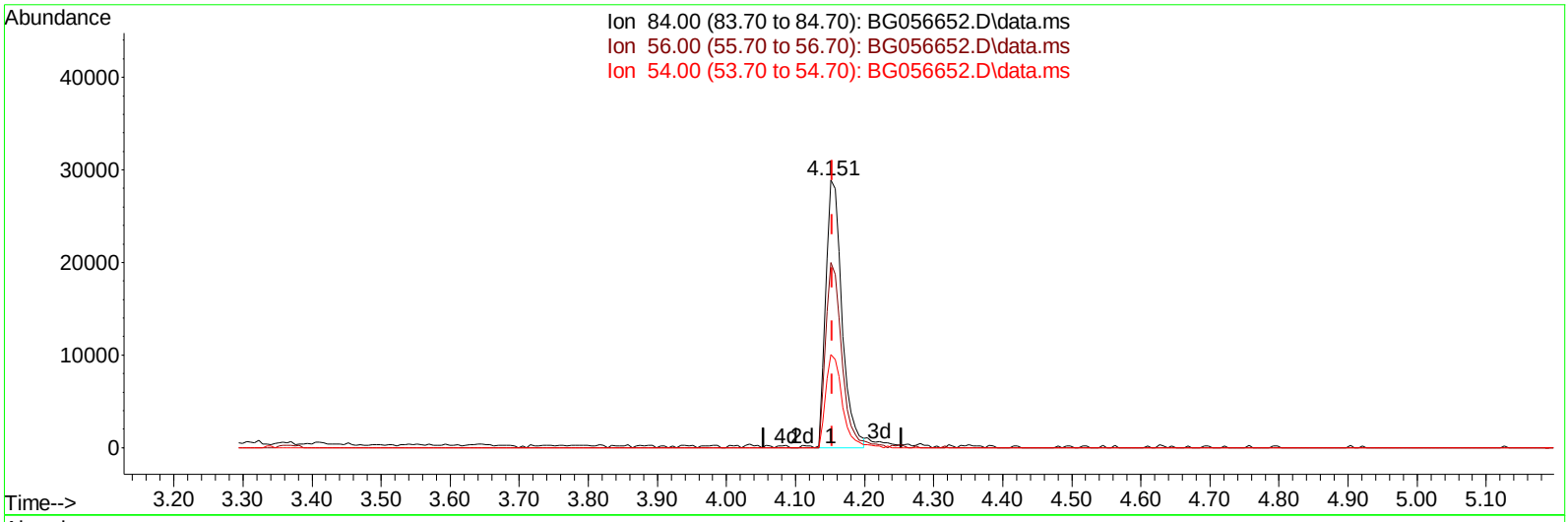
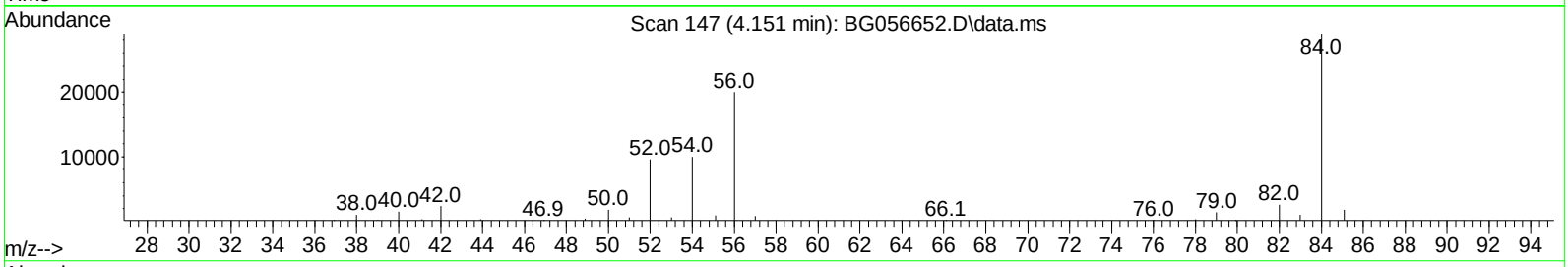
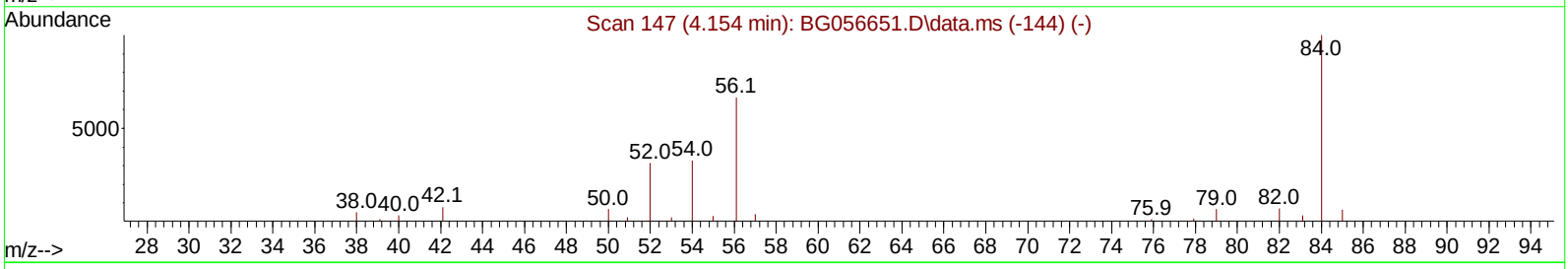
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021623\
Data File : BG056652.D
Acq On : 16 Feb 2023 12:54
Operator : CG/JU
Sample : SSTD04056
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 17 03:35:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021623.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 03:33:00 2023
Response via : Initial Calibration







TIC: BG056652.D\data.ms

(4) Pyridine-d5 (S)

4.151min (-0.002) 42.99 ng/ul

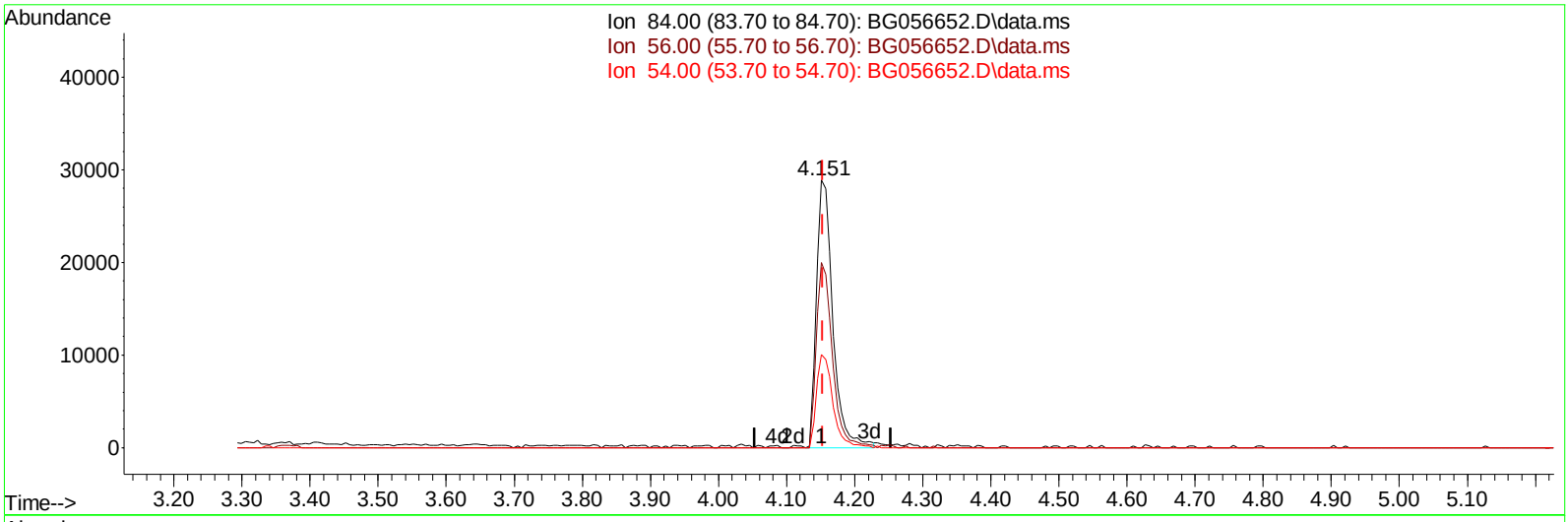
response 47207

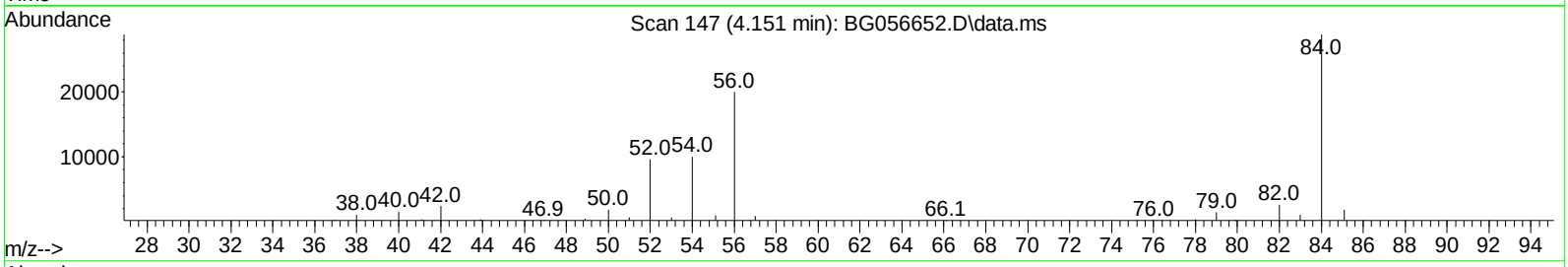
Ion	Exp%	Act%
84.00	100.00	100.00
56.00	66.60	69.29
54.00	32.60	34.73
0.00	0.00	0.00

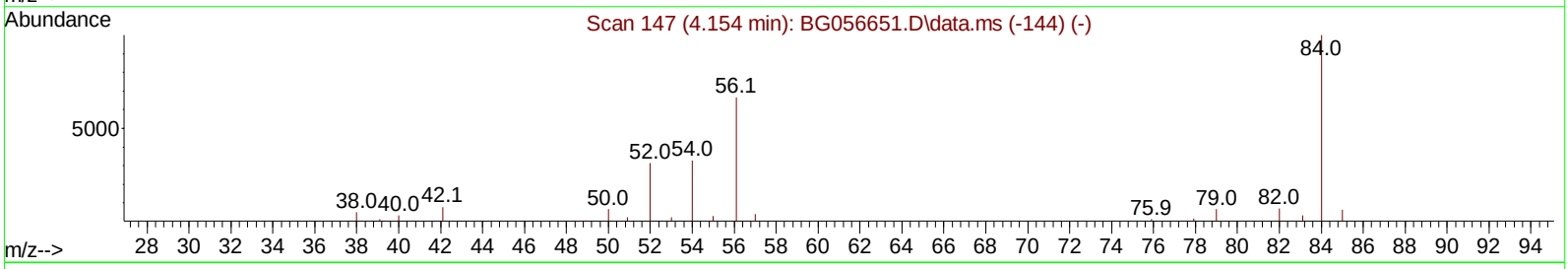
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021623\
Data File : BG056652.D
Acq On : 16 Feb 2023 12:54
Operator : CG/JU
Sample : SSTD04056
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 17 03:35:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021623.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 03:33:00 2023
Response via : Initial Calibration







TIC: BG056652.D\data.ms

(4) Pyridine-d5 (S)

4.151min (-0.002) 44.11 ng/ul m

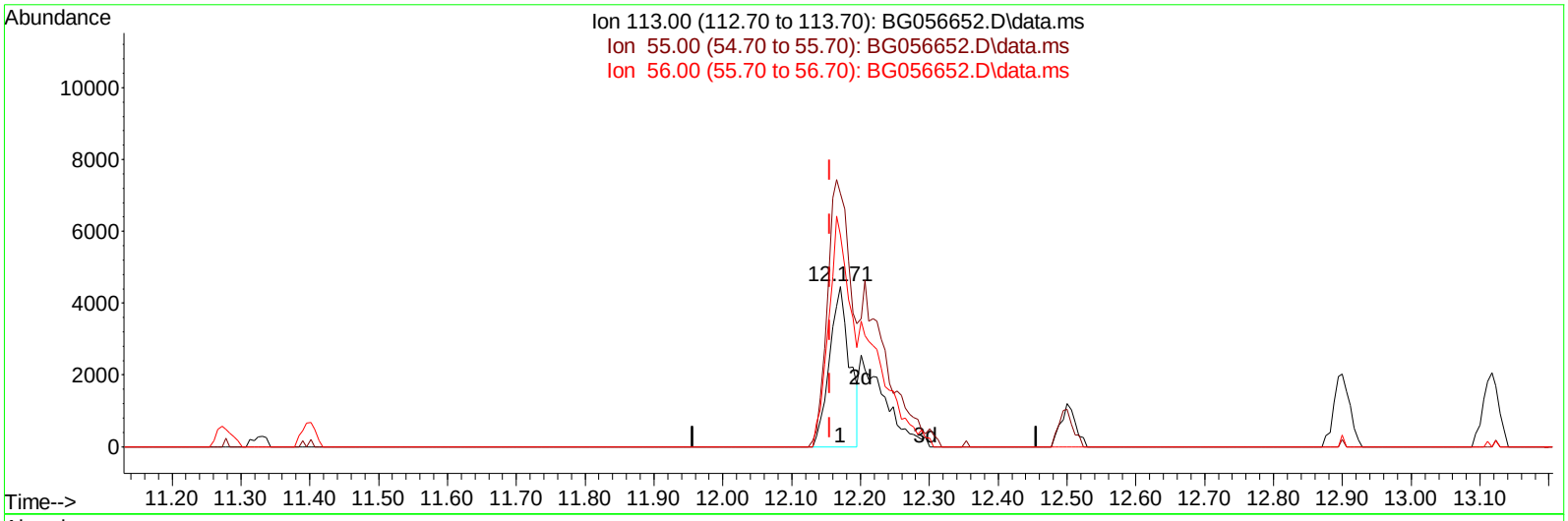
response 48433

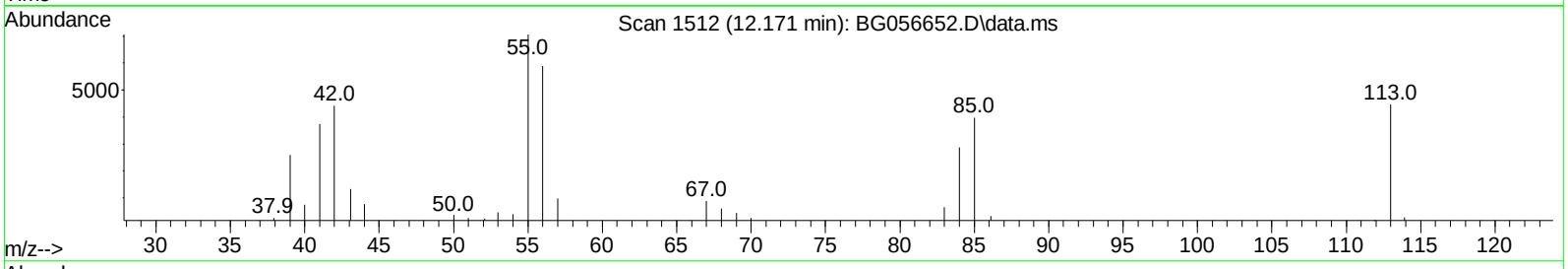
Ion	Exp%	Act%
84.00	100.00	100.00
56.00	66.60	69.29
54.00	32.60	34.73
0.00	0.00	0.00

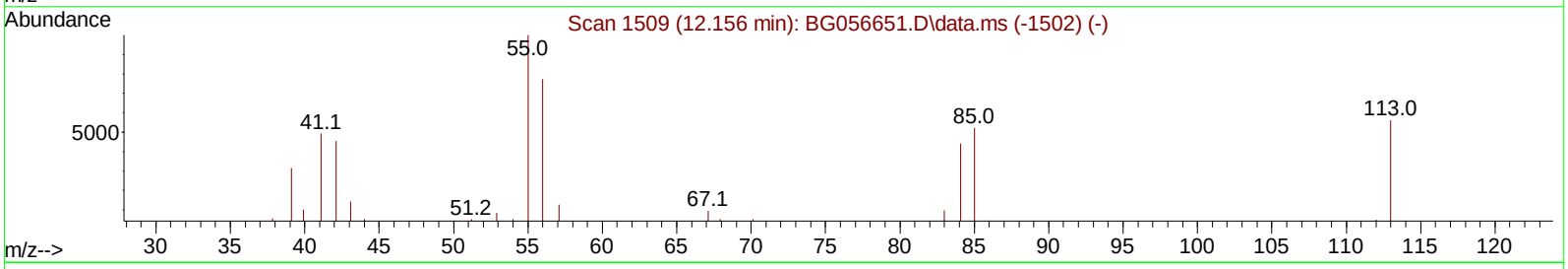
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021623\
Data File : BG056652.D
Acq On : 16 Feb 2023 12:54
Operator : CG/JU
Sample : SSTD04056
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 17 03:35:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021623.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 03:33:00 2023
Response via : Initial Calibration







TIC: BG056652.D\data.ms

(34) Caprolactam

12.171min (+ 0.015) 22.68 ng/ul

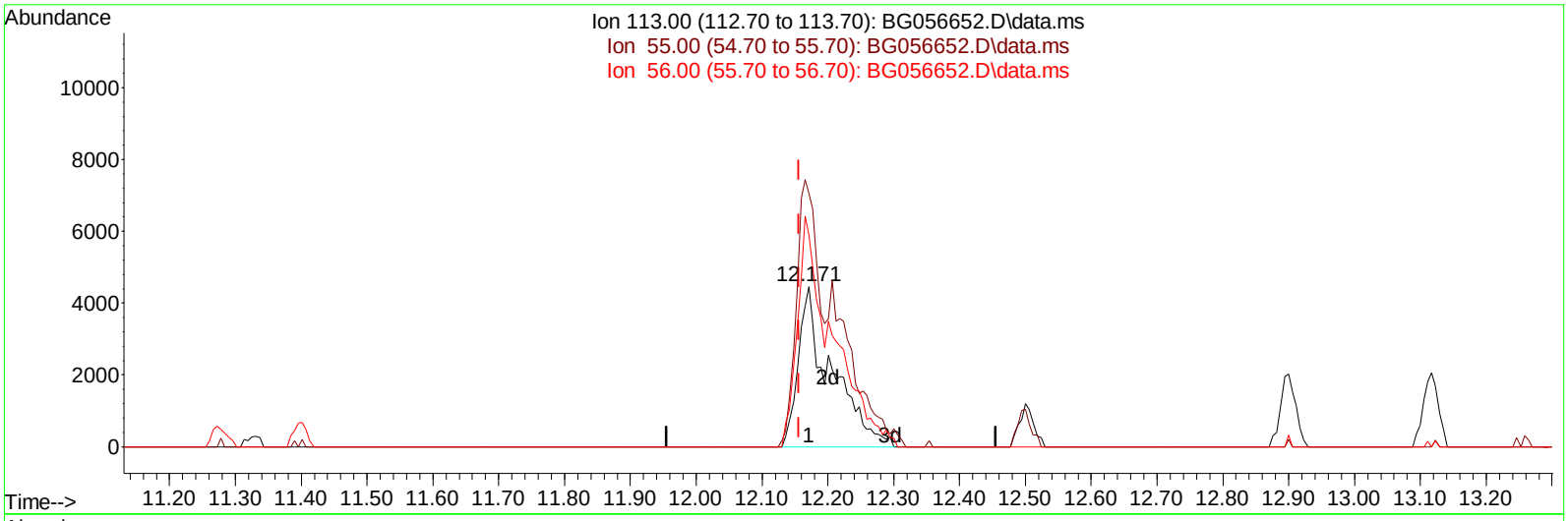
response 9100

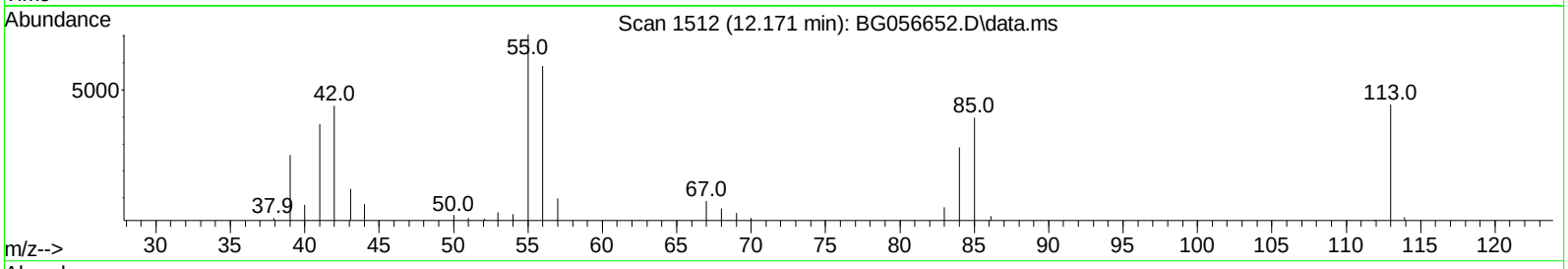
Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.50	158.14
56.00	137.10	132.07
0.00	0.00	0.00

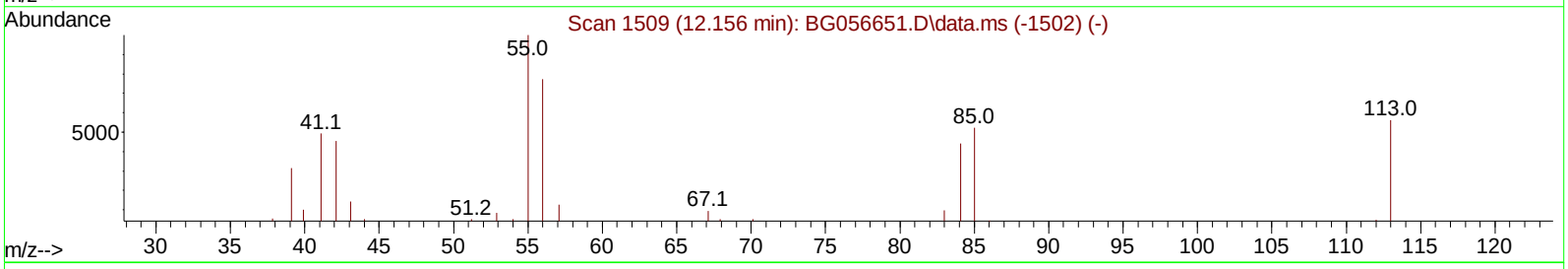
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021623\
Data File : BG056652.D
Acq On : 16 Feb 2023 12:54
Operator : CG/JU
Sample : SSTD04056
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 17 03:35:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021623.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 03:33:00 2023
Response via : Initial Calibration







TIC: BG056652.D\data.ms

(34) Caprolactam

12.171min (+ 0.015) 38.89 ng/ul m

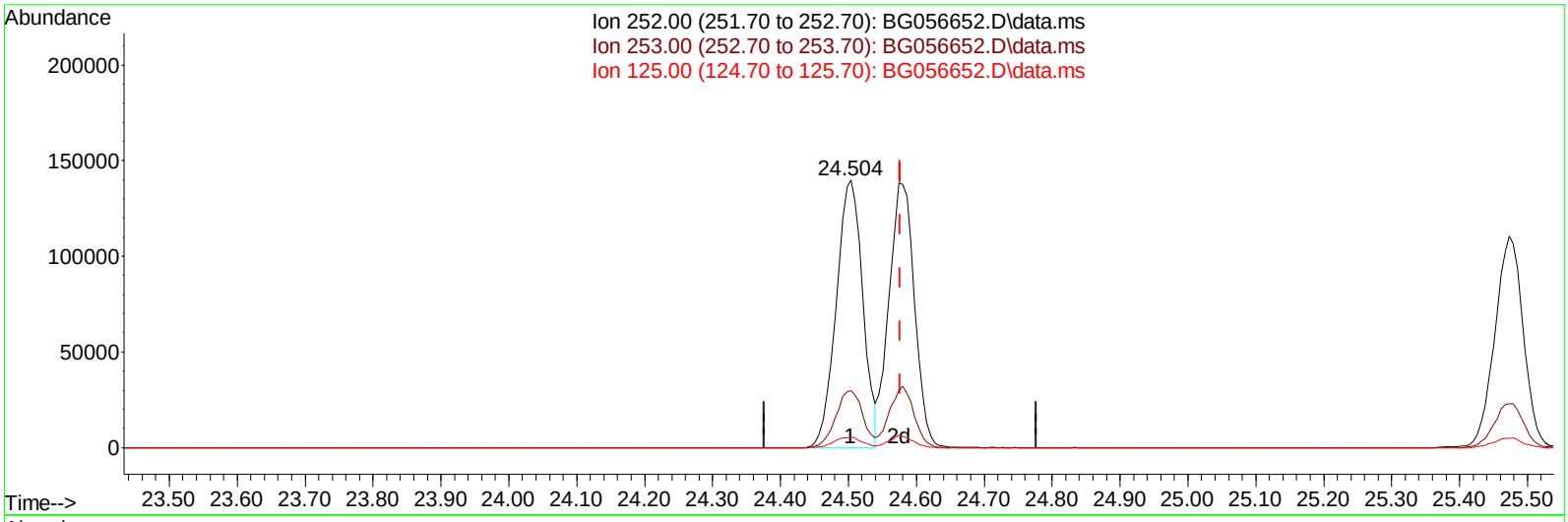
response 15607

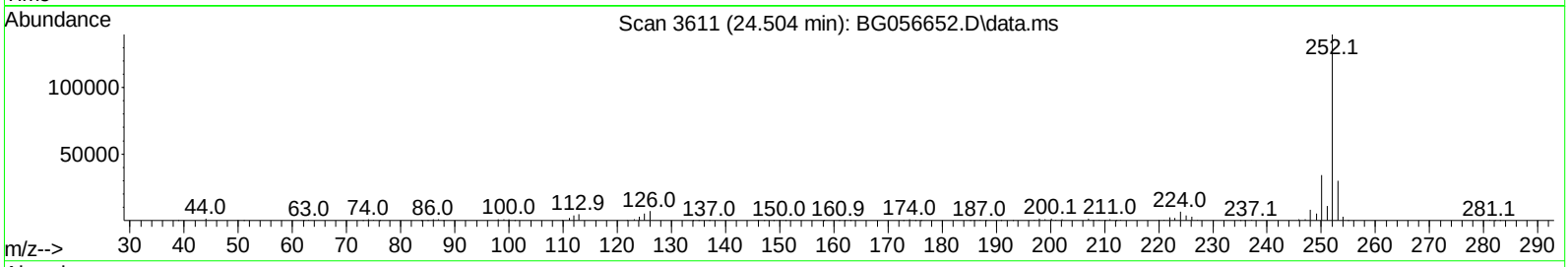
Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.50	158.14
56.00	137.10	132.07
0.00	0.00	0.00

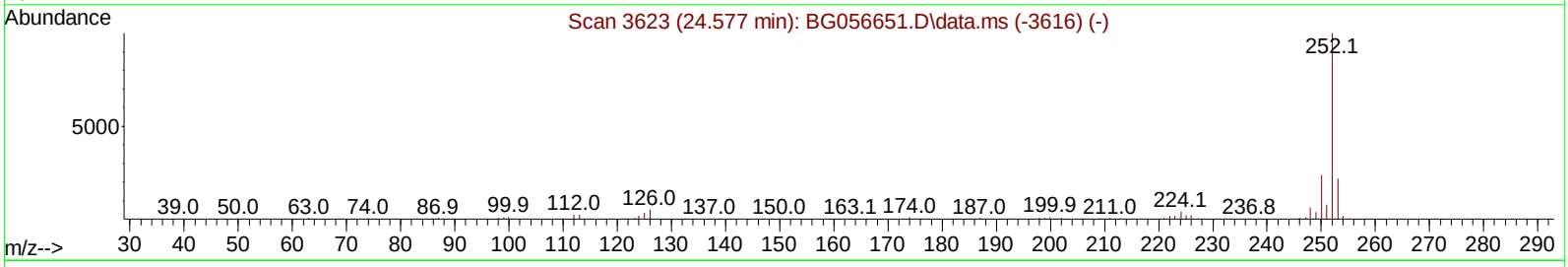
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021623\
Data File : BG056652.D
Acq On : 16 Feb 2023 12:54
Operator : CG/JU
Sample : SSTD04056
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 17 03:35:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021623.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 03:33:00 2023
Response via : Initial Calibration







TIC: BG056652.D\data.ms

(91) Benzo(k)fluoranthene

24.504min (-0.073) 41.14 ng/ul

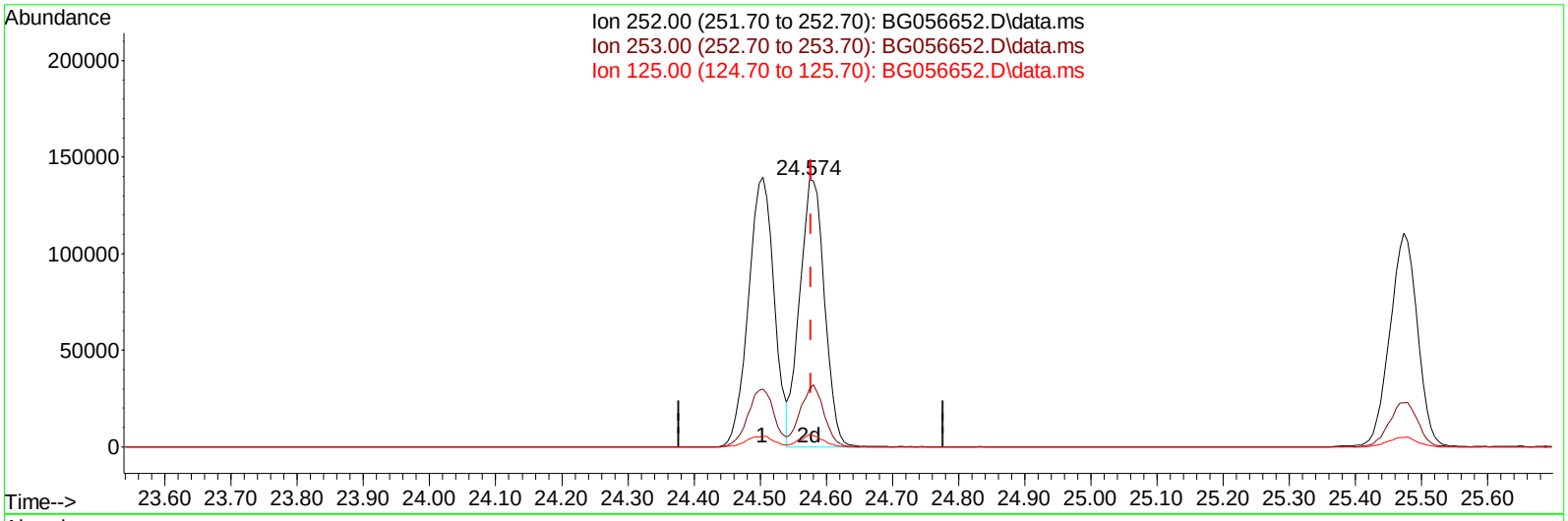
response 378909

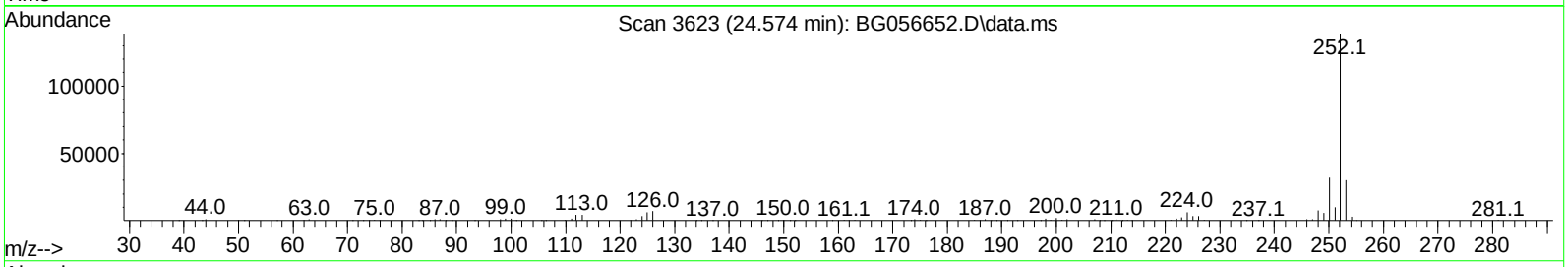
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.40
125.00	3.50	3.87
0.00	0.00	0.00

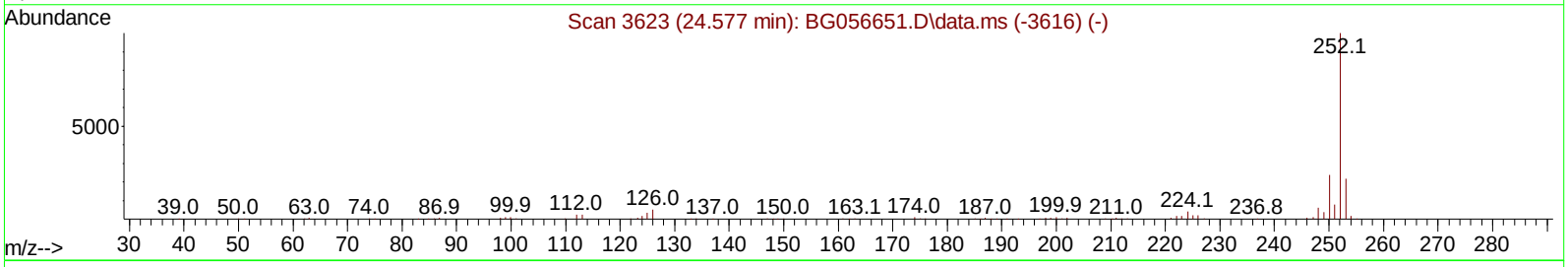
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021623\
Data File : BG056652.D
Acq On : 16 Feb 2023 12:54
Operator : CG/JU
Sample : SSTD04056
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 17 03:35:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021623.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 03:33:00 2023
Response via : Initial Calibration







TIC: BG056652.D\data.ms

(91) Benzo(k)fluoranthene

24.574min (-0.002) 39.32 ng/ul m

response 362149

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.67
125.00	3.50	4.66#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021623\
Data File : BG056652.D
Acq On : 16 Feb 2023 12:54
Operator : CG/JU
Sample : SSTD04056
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 17 03:35:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021623.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 03:33:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.440	152	15568	20.000	ng/ul	0.00
20) Naphthalene-d8	11.278	136	65883	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.038	164	53381	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.776	188	137714	20.000	ng/ul	0.00
79) Chrysene-d12	22.095	240	127961	20.000	ng/ul	0.00
88) Perylene-d12	25.638	264	140983	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.716	96	5179	15.067	ng/uL	0.00
4) Pyridine-d5	4.151	84	48433m	44.110	ng/ul	0.00
7) Phenol-d5	7.553	99	59928	43.633	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.741	67	36050	64.010	ng/ul	0.00
11) 2-Chlorophenol-d4	7.958	132	37770	41.100	ng/ul	0.00
15) 4-Methylphenol-d8	9.122	113	44453	40.619	ng/ul	0.00
21) Nitrobenzene-d5	9.615	128	18182	34.948	ng/ul	0.00
24) 2-Nitrophenol-d4	10.344	143	21268	31.259	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.879	165	49410	36.432	ng/ul	0.00
31) 4-Chloroaniline-d4	11.396	131	65435	42.874	ng/ul	0.00
46) Dimethylphthalate-d6	14.433	166	169685	40.062	ng/ul	0.00
49) Acenaphthylene-d8	14.739	160	193914	41.676	ng/ul	0.00
54) 4-Nitrophenol-d4	15.191	143	24781	37.062	ng/ul	0.00
60) Fluorene-d10	16.026	176	158679	40.108	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.119	200	25856	26.722	ng/ul	0.00
73) Anthracene-d10	17.876	188	256480	40.521	ng/ul	0.00
81) Pyrene-d10	20.132	212	306847	40.985	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.397	264	298777	41.326	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.758	88	5589	14.585	ng/uL#	83
5) Pyridine	4.175	79	50455	46.940	ng/ul	95
6) Benzaldehyde	7.559	77	32726	67.918	ng/ul	98
8) Phenol	7.582	94	60833	44.852	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.835	93	44110	46.972	ng/ul	96
12) 2-Chlorophenol	7.994	128	39043	43.207	ng/ul	91
13) 2-Methylphenol	8.857	108	45584	43.745	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.957	45	58755	344.248	ng/ul#	93
16) Acetophenone	9.263	105	78641	46.705	ng/ul	93
17) N-Nitroso-di-n-propyla...	9.245	70	42704	57.254	ng/ul	96
18) 4-Methylphenol	9.186	108	49054	43.344	ng/ul	91
19) Hexachloroethane	9.545	117	15247	43.352	ng/ul	89
22) Nitrobenzene	9.656	77	53160	44.998	ng/ul	98
23) Isophorone	10.179	82	125235	50.289	ng/ul	98
25) 2-Nitrophenol	10.373	139	21244	32.358	ng/ul	97
26) 2,4-Dimethylphenol	10.409	107	56949	42.352	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.655	93	63359	45.421	ng/ul	97
29) 2,4-Dichlorophenol	10.908	162	46878	36.661	ng/ul	97
30) Naphthalene	11.331	128	142498	41.323	ng/ul	99
32) 4-Chloroaniline	11.425	127	64059	41.083	ng/ul	98
33) Hexachlorobutadiene	11.607	225	38989	35.545	ng/ul	96
34) Caprolactam	12.171	113	15607m	38.890	ng/ul	
35) 4-Chloro-3-methylphenol	12.500	107	54149	43.164	ng/ul#	94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021623\
Data File : BG056652.D
Acq On : 16 Feb 2023 12:54
Operator : CG/JU
Sample : SSTD04056
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 17 03:35:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021623.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 03:33:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.900	142	105018	39.870	ng/ul	99
37) 1-Methylnaphthalene	13.117	142	107505	39.687	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	13.258	216	77393	37.452	ng/ul	99
40) Hexachlorocyclopentadiene	13.235	237	44819	31.905	ng/ul	97
41) 2,4,6-Trichlorophenol	13.481	196	46787	35.661	ng/ul	95
42) 2,4,5-Trichlorophenol	13.552	196	54489	38.184	ng/ul	97
43) 1,1'-Biphenyl	13.881	154	155595	40.498	ng/ul	99
44) 2-Chloronaphthalene	13.934	162	128807	40.876	ng/ul	97
45) 2-Nitroaniline	14.122	65	29719	49.420	ng/ul	92
47) Dimethylphthalate	14.480	163	170833	40.808	ng/ul#	98
48) 2,6-Dinitrotoluene	14.598	165	28874	32.849	ng/ul	93
50) Acenaphthylene	14.768	152	195883	41.564	ng/ul	96
51) 3-Nitroaniline	14.927	138	26770	40.215	ng/ul	98
52) Acenaphthene	15.109	153	134012	41.093	ng/ul	96
53) 2,4-Dinitrophenol	15.127	184	19867	31.607	ng/ul#	73
55) 4-Nitrophenol	15.209	109	24368	38.961	ng/ul	95
56) Dibenzofuran	15.438	168	202982	40.263	ng/ul	98
57) 2,4-Dinitrotoluene	15.379	165	39777	31.758	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.649	232	46934	33.970	ng/ul#	99
59) Diethylphthalate	15.832	149	167326	42.989	ng/ul	99
61) Fluorene	16.084	166	162140	39.935	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.061	204	97521	38.414	ng/ul	96
63) 4-Nitroaniline	16.084	138	28147	46.217	ng/ul	92
66) 4,6-Dinitro-2-methylph...	16.137	198	25336	27.434	ng/ul#	97
67) N-Nitrosodiphenylamine	16.272	169	144616	39.352	ng/ul	94
68) 4-Bromophenyl-phenylether	16.954	248	65390	37.017	ng/ul	99
69) Hexachlorobenzene	17.077	284	72968	41.717	ng/ul	99
70) Atrazine	17.206	200	61378	36.641	ng/ul	99
71) Pentachlorophenol	17.412	266	39296	35.223	ng/ul	89
72) Phenanthrene	17.818	178	287421	40.935	ng/ul	99
74) Anthracene	17.912	178	286790	40.231	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.852	216	79274	38.193	ng/uL	99
76) Pentachlorobenzene	15.356	250	83233	39.192	ng/uL	96
77) Carbazole	18.170	167	242728	41.480	ng/ul	98
78) Di-n-butylphthalate	18.705	149	264671	42.864	ng/ul	99
80) Fluoranthene	19.803	202	361018	40.775	ng/ul	99
82) Pyrene	20.162	202	355062	40.098	ng/ul	99
83) Butylbenzylphthalate	21.031	149	108640	41.832	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.971	252	121634	40.201	ng/ul	98
85) Benzo(a)anthracene	22.071	228	363202	41.163	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.942	149	163874	43.638	ng/ul	98
87) Chrysene	22.148	228	339312	41.354	ng/ul	98
89) Di-n-octyl phthalate	23.276	149	268856	41.537	ng/ul	100
90) Benzo(b)fluoranthene	24.504	252	378909	40.255	ng/ul	98
91) Benzo(k)fluoranthene	24.574	252	362149m	39.321	ng/ul	
93) Benzo(a)pyrene	25.473	252	320169	38.851	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.727	276	446018	41.142	ng/ul	99
95) Dibenzo(a,h)anthracene	29.809	278	367557	40.569	ng/ul	100
96) Benzo(g,h,i)perylene	31.026	276	355931	40.613	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021623\
Data File : BG056652.D
Acq On : 16 Feb 2023 12:54
Operator : CG/JU
Sample : SSTD04056
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 17 03:35:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021623.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 03:33:00 2023
Response via : Initial Calibration