

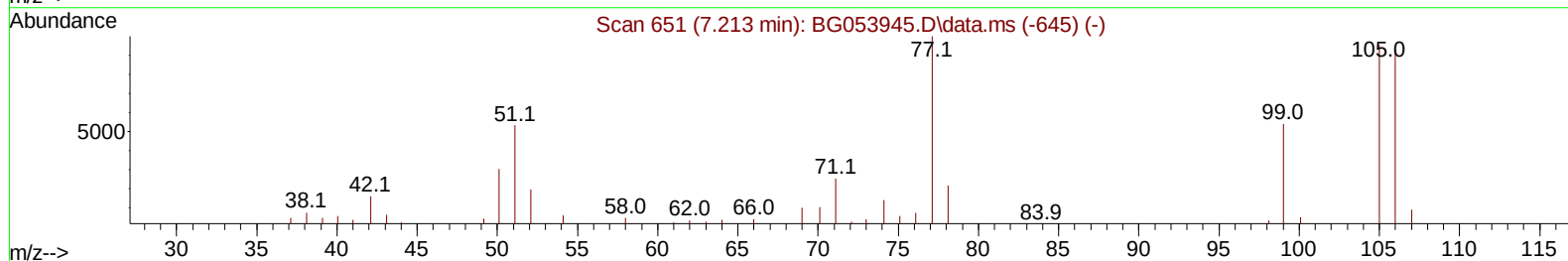
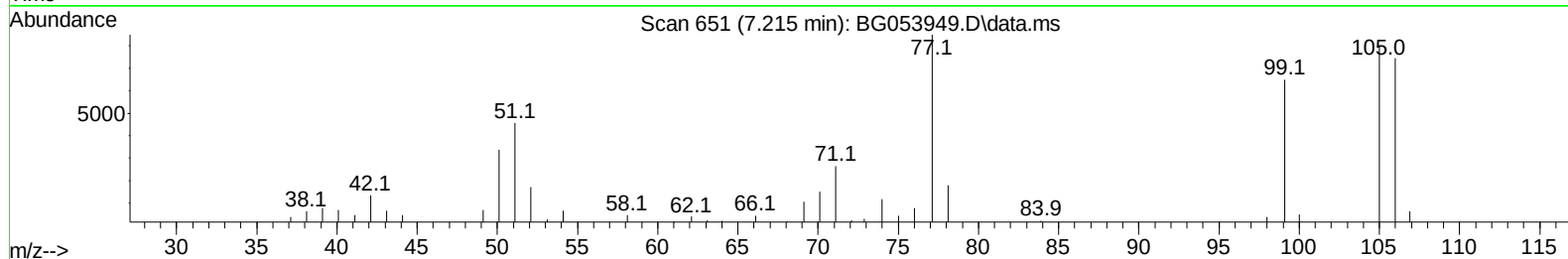
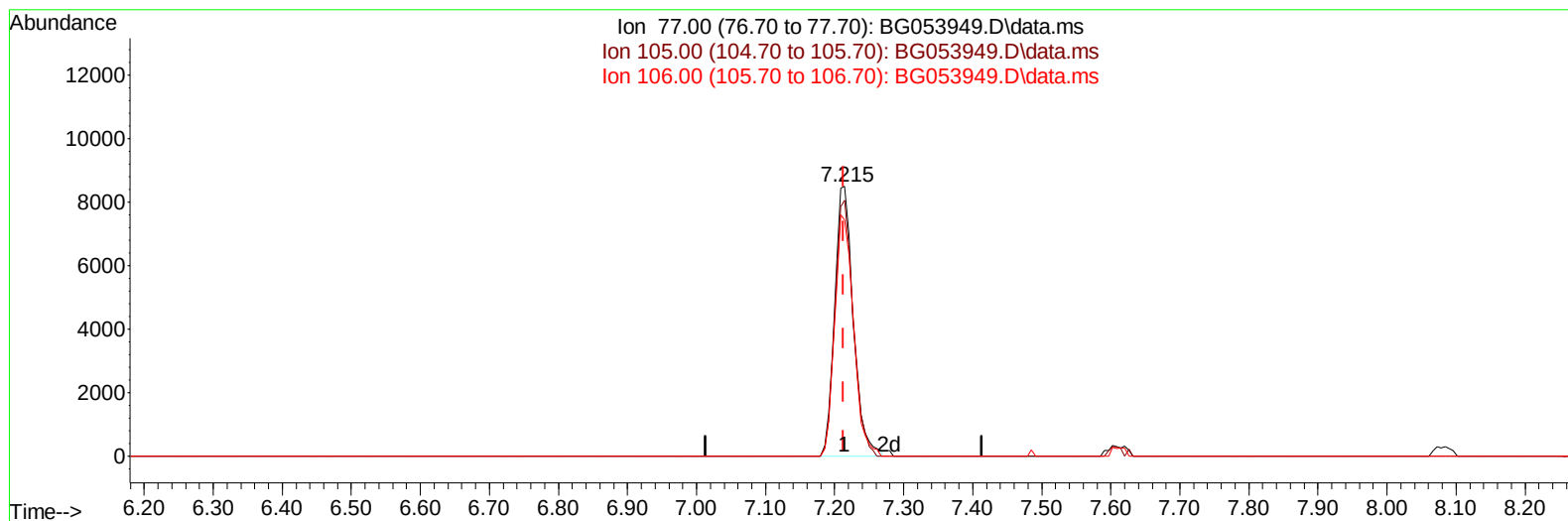
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
 Data File : BG053949.D
 Acq On : 20 Jun 2022 15:22
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV434

Manual IntegrationsAPPROVED

Quant Time: Jun 20 23:35:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 15:29:13 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2022
 Supervised By :mohammad ahmed 06/27/2022



TIC: BG053949.D\data.ms

(6) Benzaldehyde

7.215min (+ 0.001) 24.31 ng/u1

response 15900

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.60	94.85
106.00	88.70	87.58
0.00	0.00	0.00

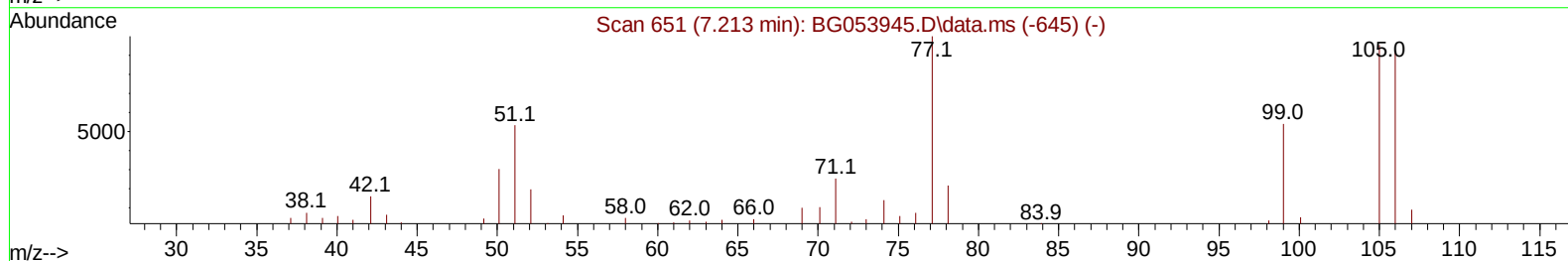
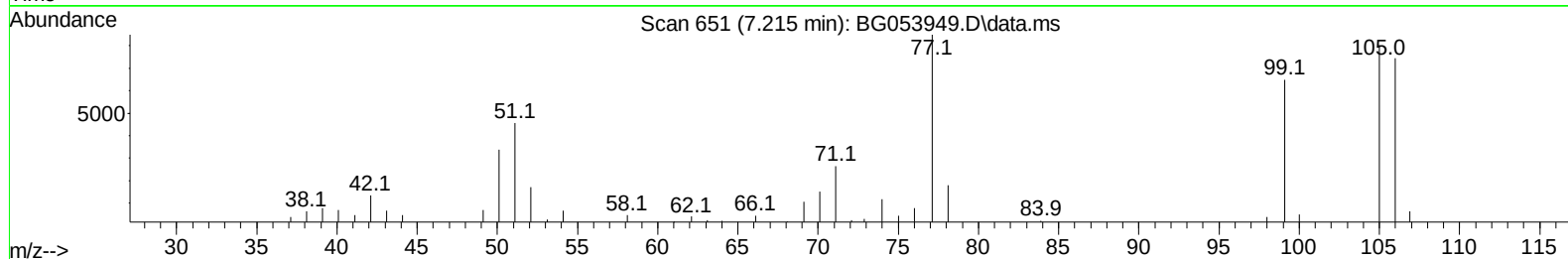
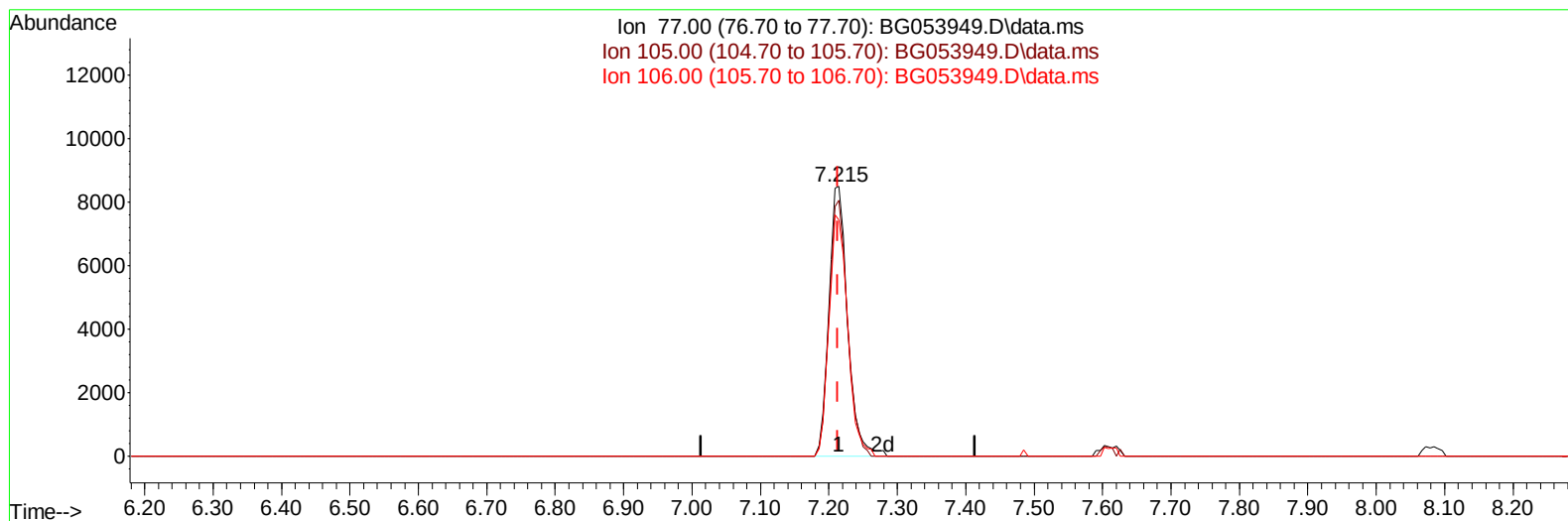
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
 Data File : BG053949.D
 Acq On : 20 Jun 2022 15:22
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV434

Manual IntegrationsAPPROVED

Quant Time: Jun 20 23:35:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 15:29:13 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2022
 Supervised By :mohammad ahmed 06/27/2022



TIC: BG053949.D\data.ms

(6) Benzaldehyde

7.215min (+ 0.001) 24.48 ng/ul m

response 16015

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.60	94.85
106.00	88.70	87.58
0.00	0.00	0.00

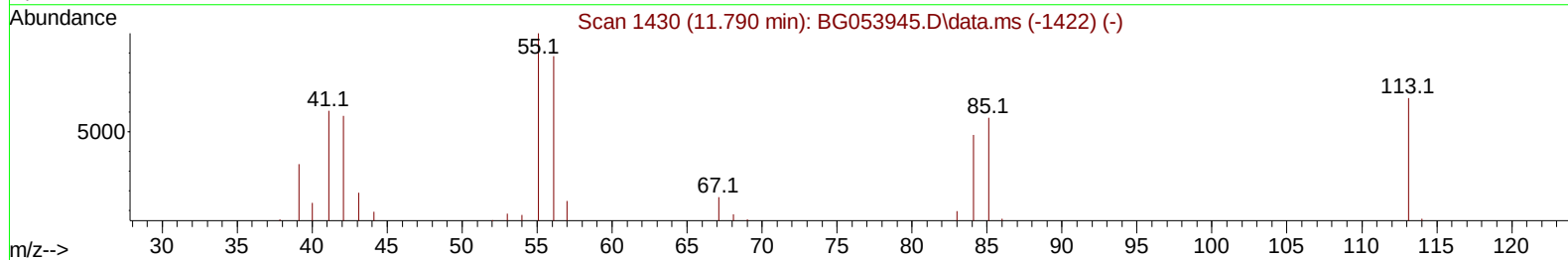
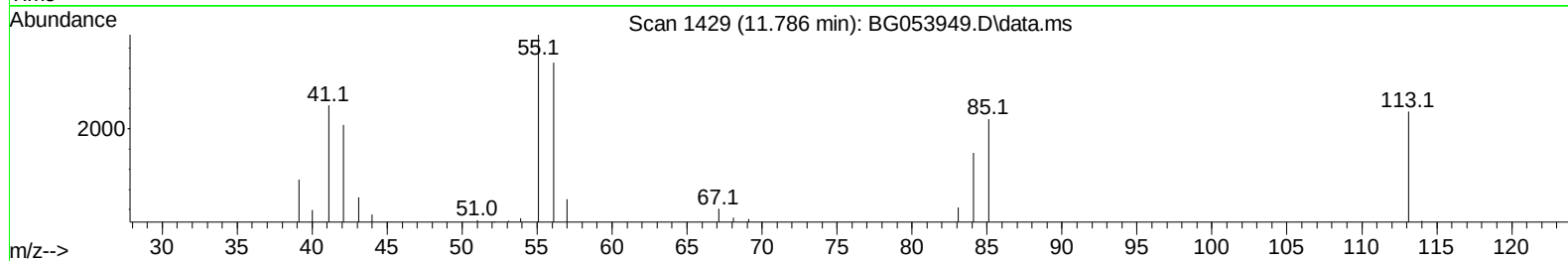
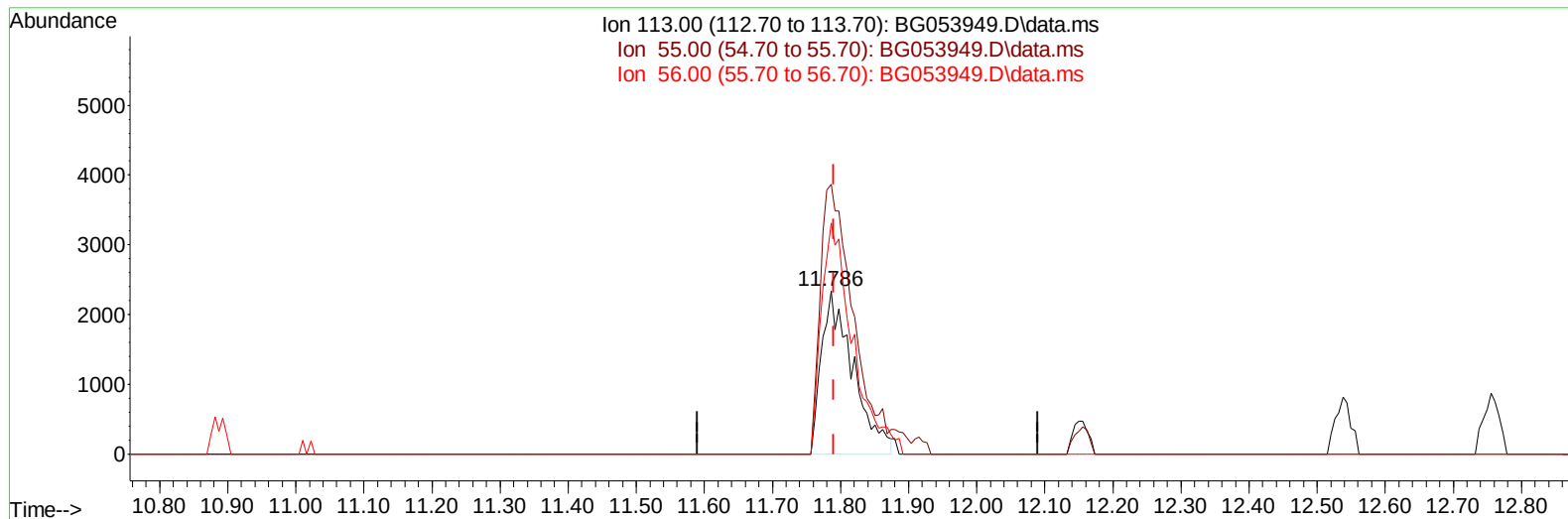
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
 Data File : BG053949.D
 Acq On : 20 Jun 2022 15:22
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV434

Manual IntegrationsAPPROVED

Quant Time: Jun 20 23:35:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 15:29:13 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2022
 Supervised By :mohammad ahmed 06/27/2022



TIC: BG053949.D\data.ms

(34) Caprolactam

11.786min (-0.005) 20.13 ng/ul

response 7514

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	165.20#
56.00	159.50	141.68
0.00	0.00	0.00

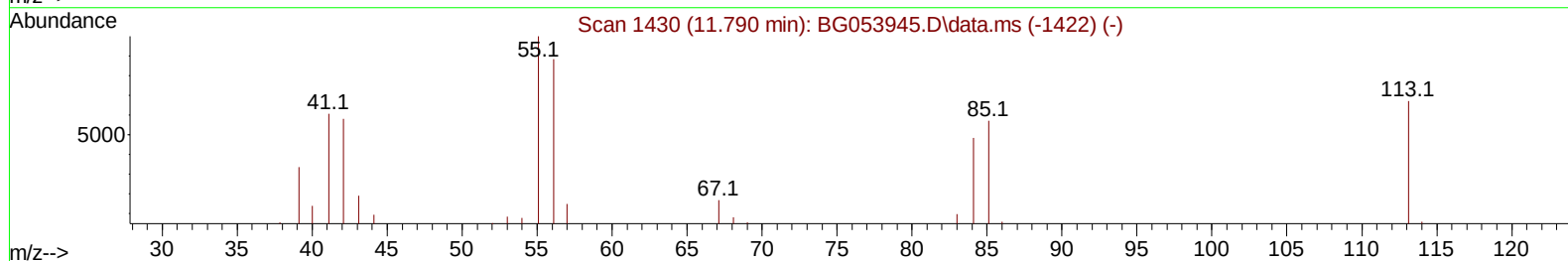
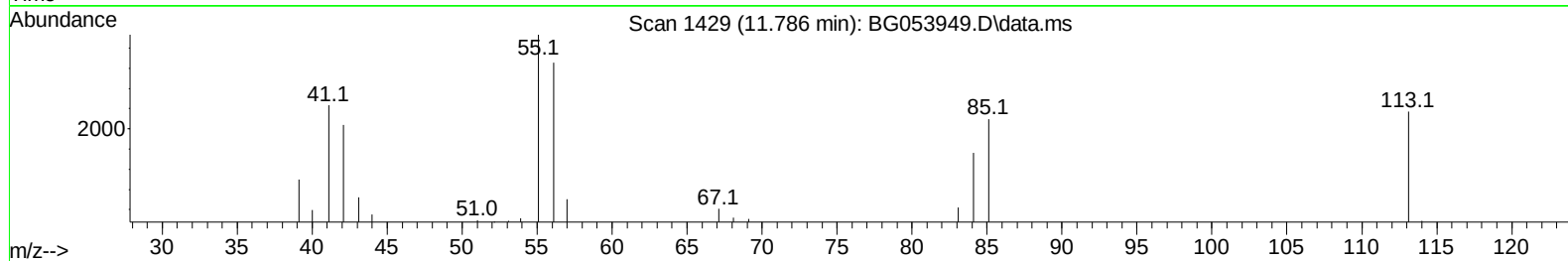
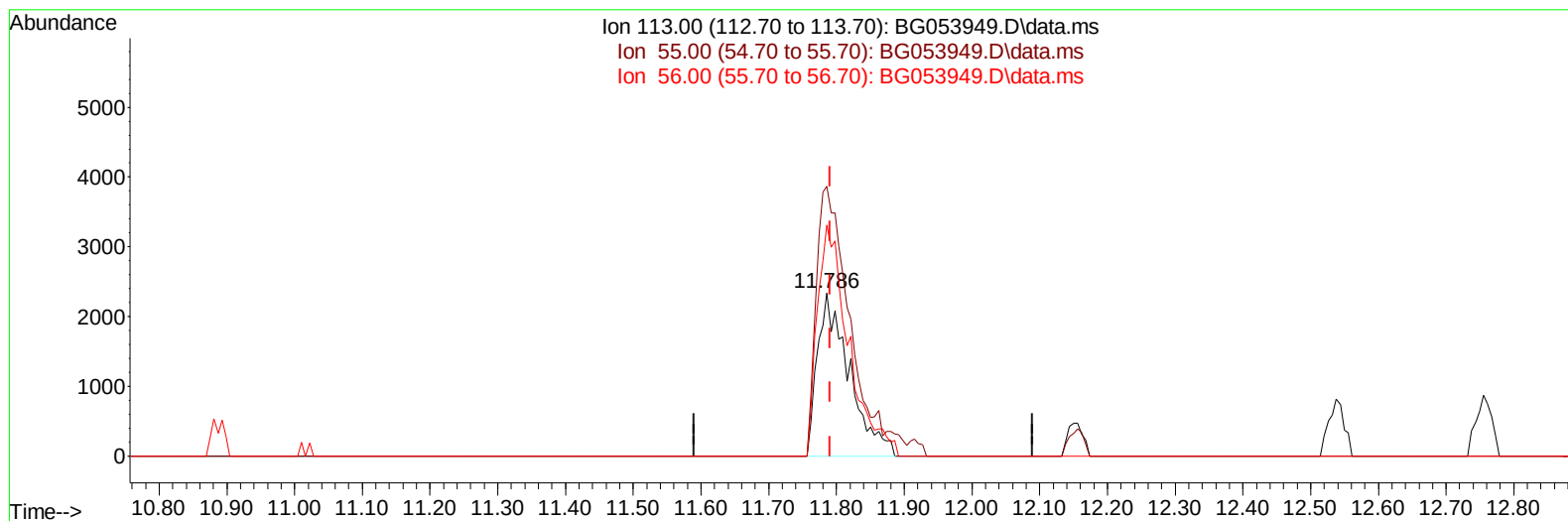
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
Data File : BG053949.D
Acq On : 20 Jun 2022 15:22
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SICV434

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :mohammad ahmed 06/27/2022

Quant Time: Jun 20 23:35:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 15:29:13 2022
Response via : Initial Calibration



TIC: BG053949.D\data.ms

(34) Caprolactam

11.786min (-0.005) 20.34 ng/ul m

response 7593

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	165.20#
56.00	159.50	141.68
0.00	0.00	0.00

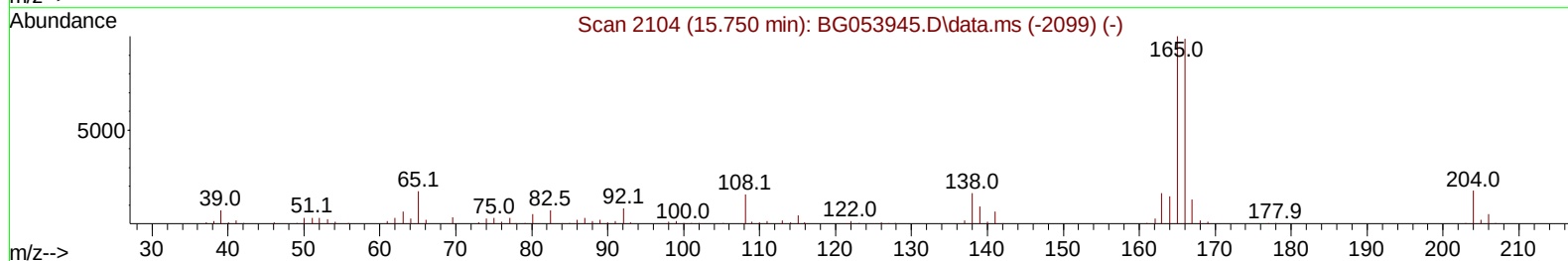
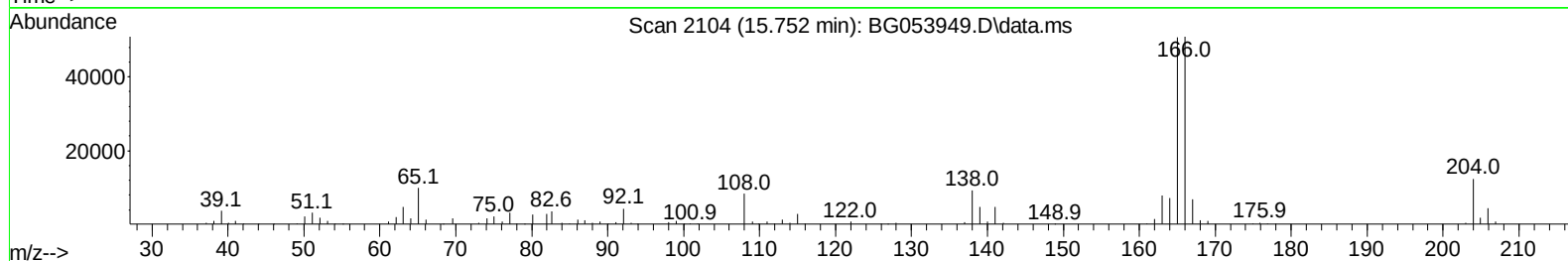
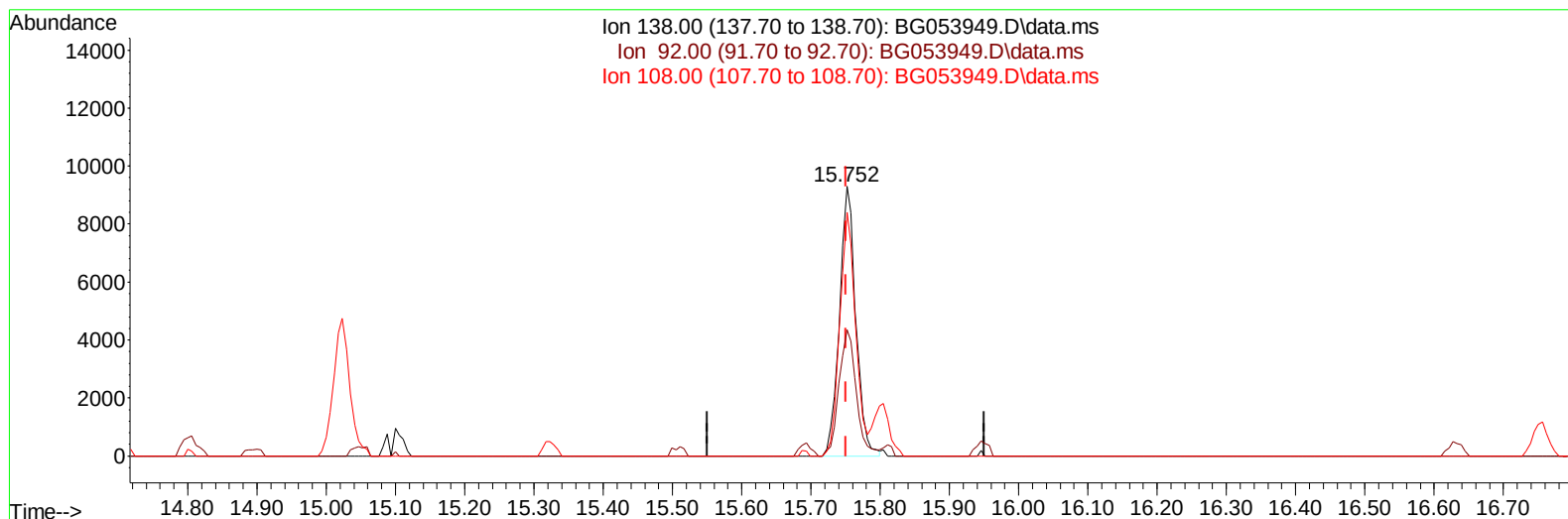
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
 Data File : BG053949.D
 Acq On : 20 Jun 2022 15:22
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV434

Manual IntegrationsAPPROVED

Quant Time: Jun 20 23:35:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 15:29:13 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2022
 Supervised By :mohammad ahmed 06/27/2022



TIC: BG053949.D\data.ms

(63) 4-Nitroaniline

15.752min (+ 0.001) 22.91 ng/ul

response 15282

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.50	46.88
108.00	98.80	90.38
0.00	0.00	0.00

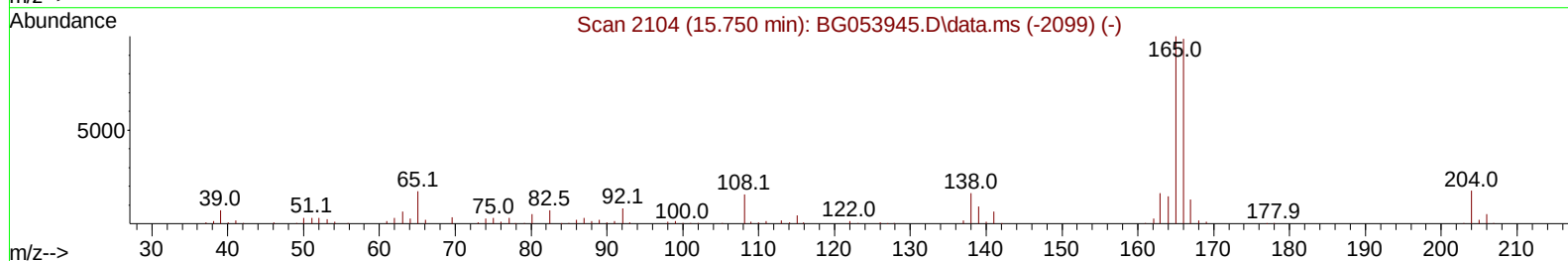
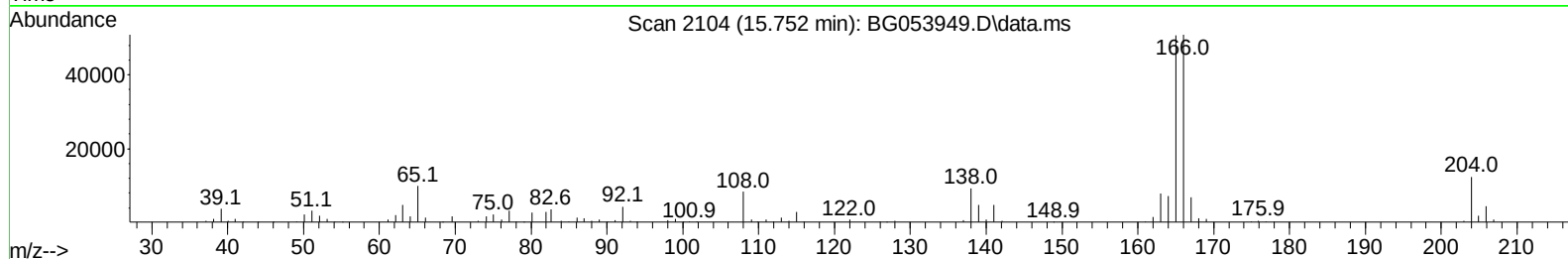
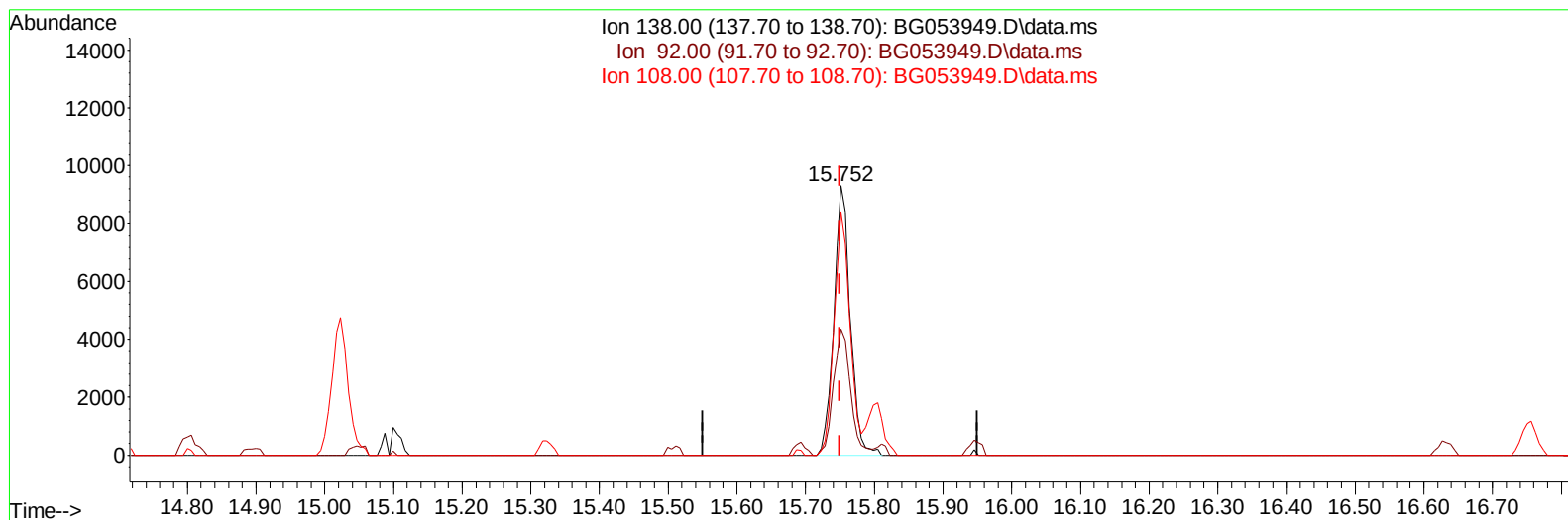
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
 Data File : BG053949.D
 Acq On : 20 Jun 2022 15:22
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV434

Manual IntegrationsAPPROVED

Quant Time: Jun 20 23:35:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 15:29:13 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2022
 Supervised By :mohammad ahmed 06/27/2022



TIC: BG053949.D\data.ms

(63) 4-Nitroaniline

15.752min (+ 0.001) 23.02 ng/ul m

response 15354

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.50	46.88
108.00	98.80	90.38
0.00	0.00	0.00

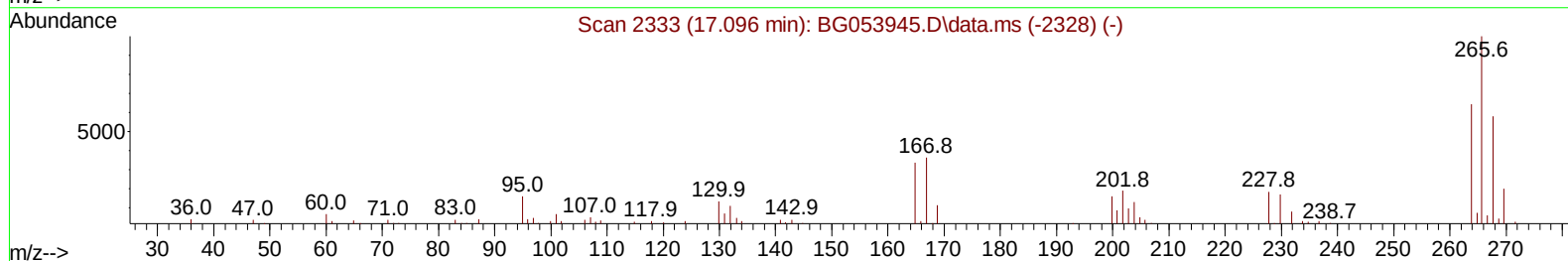
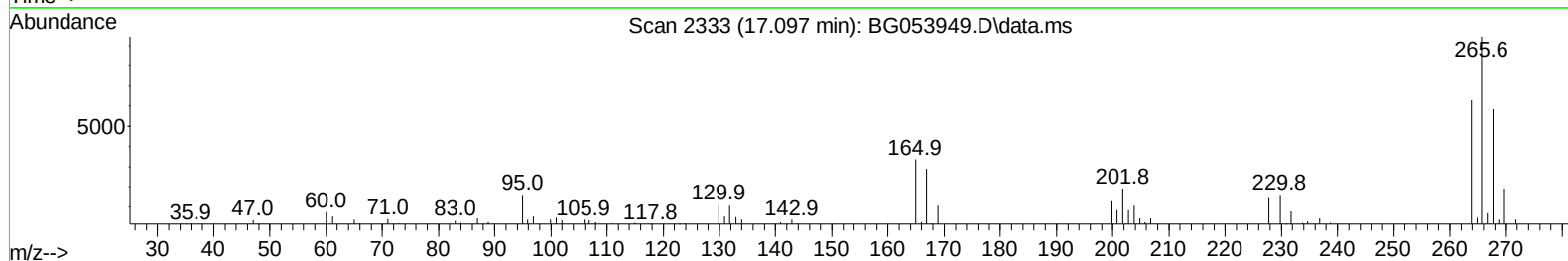
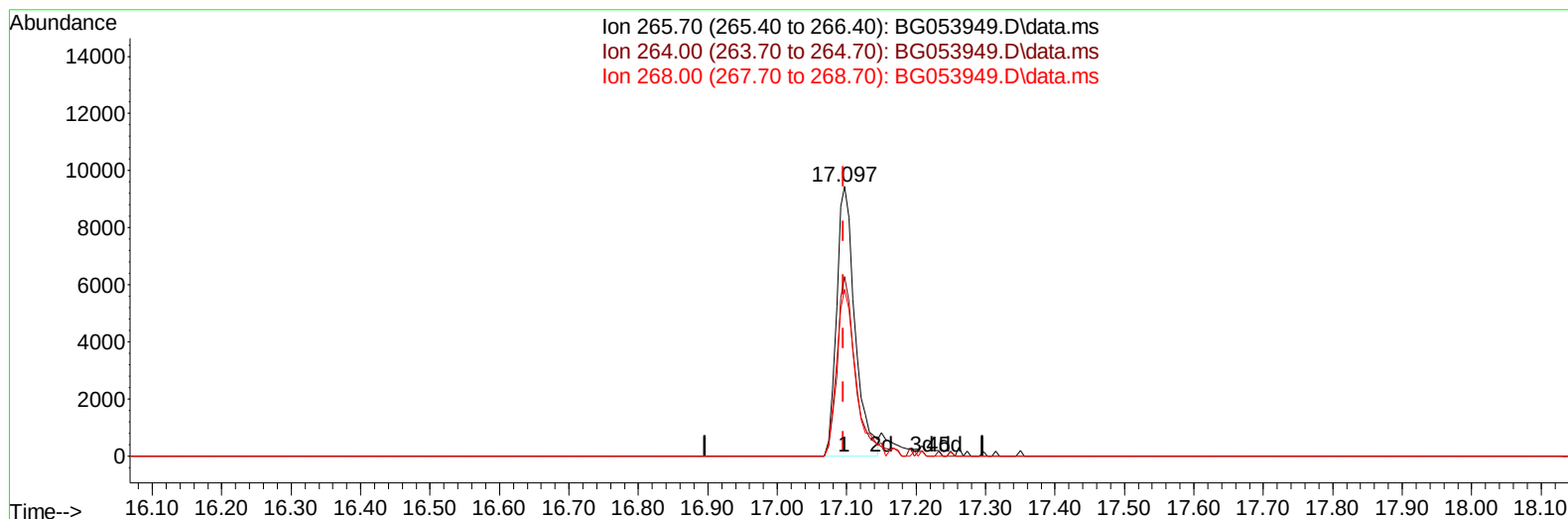
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
Data File : BG053949.D
Acq On : 20 Jun 2022 15:22
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SICV434

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :mohammad ahmed 06/27/2022

Quant Time: Jun 20 23:35:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 15:29:13 2022
Response via : Initial Calibration



TIC: BG053949.D\data.ms

(71) Pentachlorophenol (C)

17.097min (+ 0.001) 18.51 ng/ul

response 17352

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	71.00	66.53
268.00	60.00	66.00
0.00	0.00	0.00

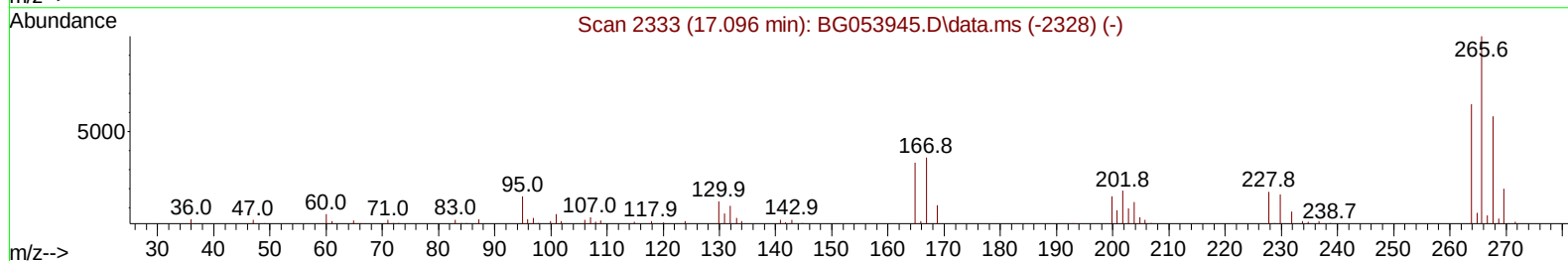
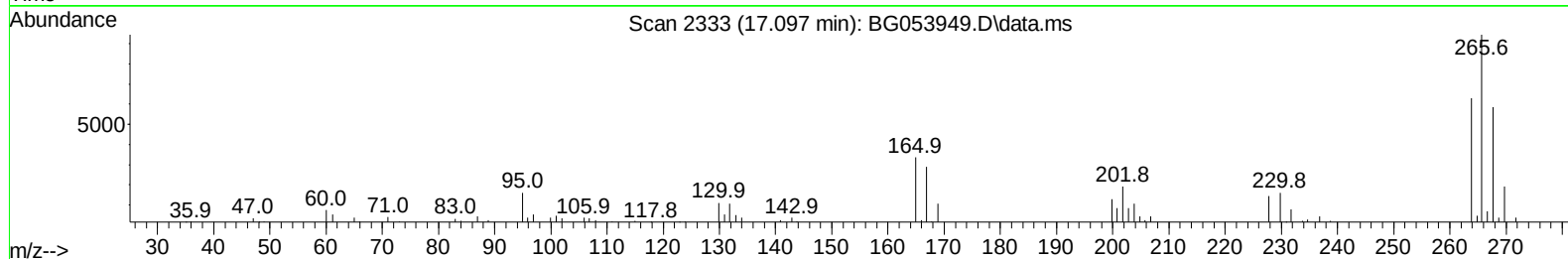
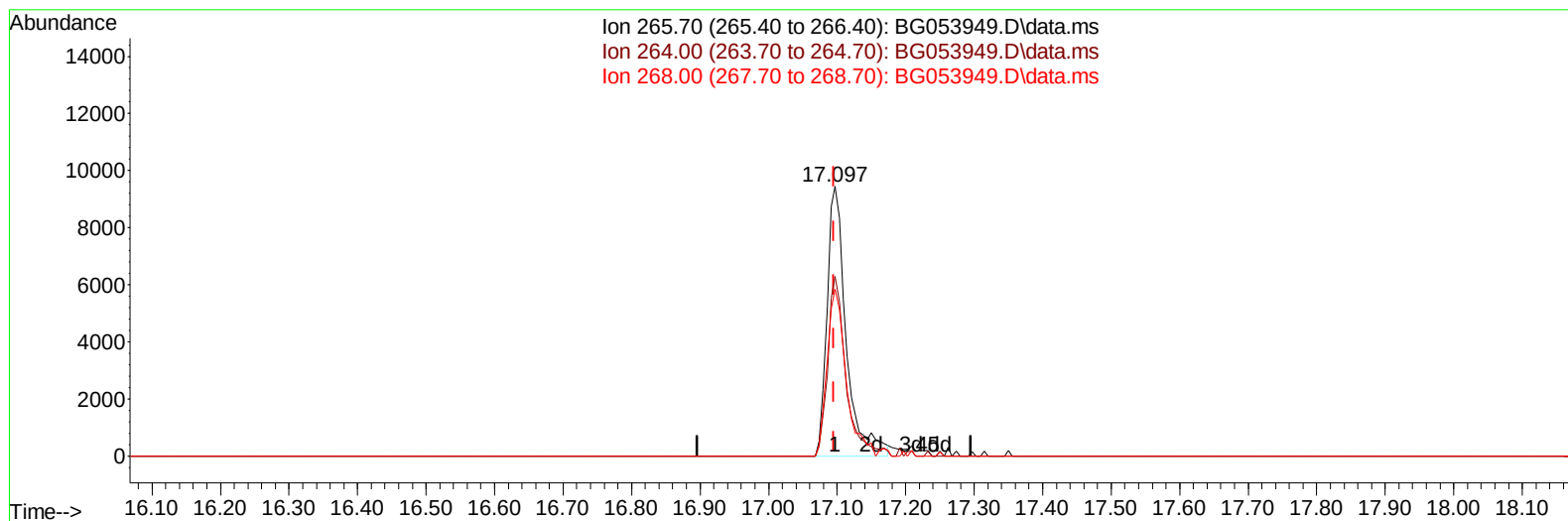
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
Data File : BG053949.D
Acq On : 20 Jun 2022 15:22
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SICV434

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :mohammad ahmed 06/27/2022

Quant Time: Jun 20 23:35:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 15:29:13 2022
Response via : Initial Calibration



TIC: BG053949.D\data.ms

(71) Pentachlorophenol (C)

17.097min (+ 0.001) 19.53 ng/ul m

response 18308

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	71.00	66.53
268.00	60.00	61.96
0.00	0.00	0.00

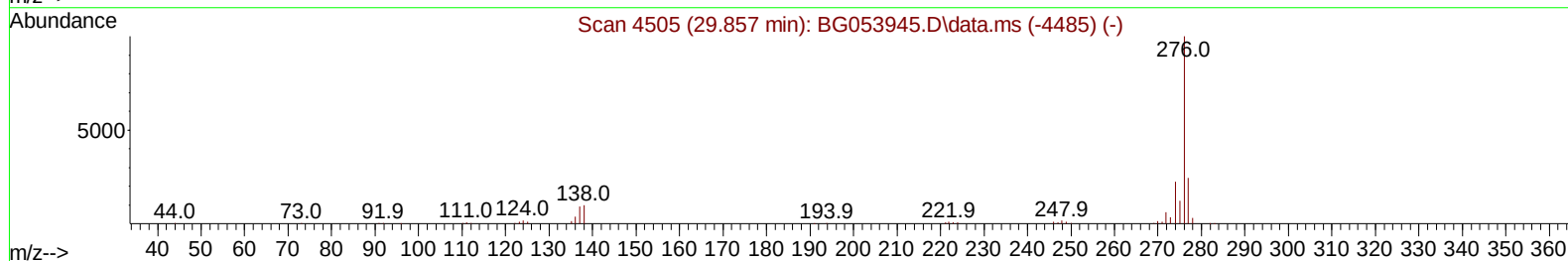
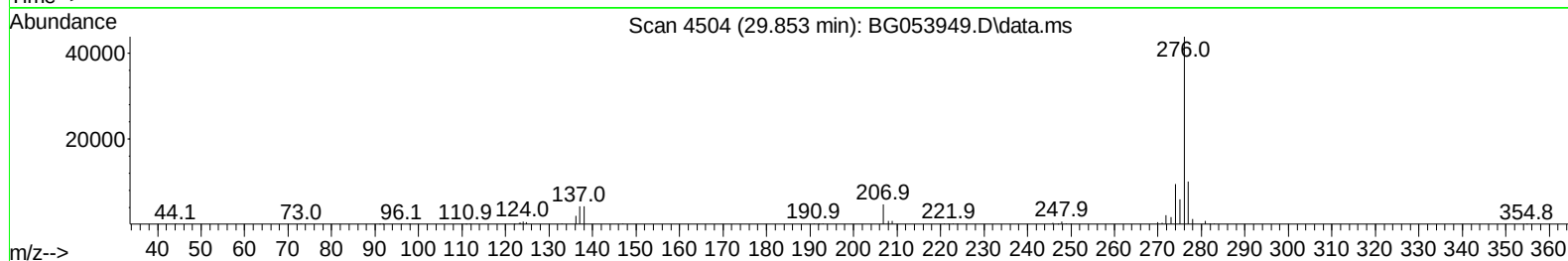
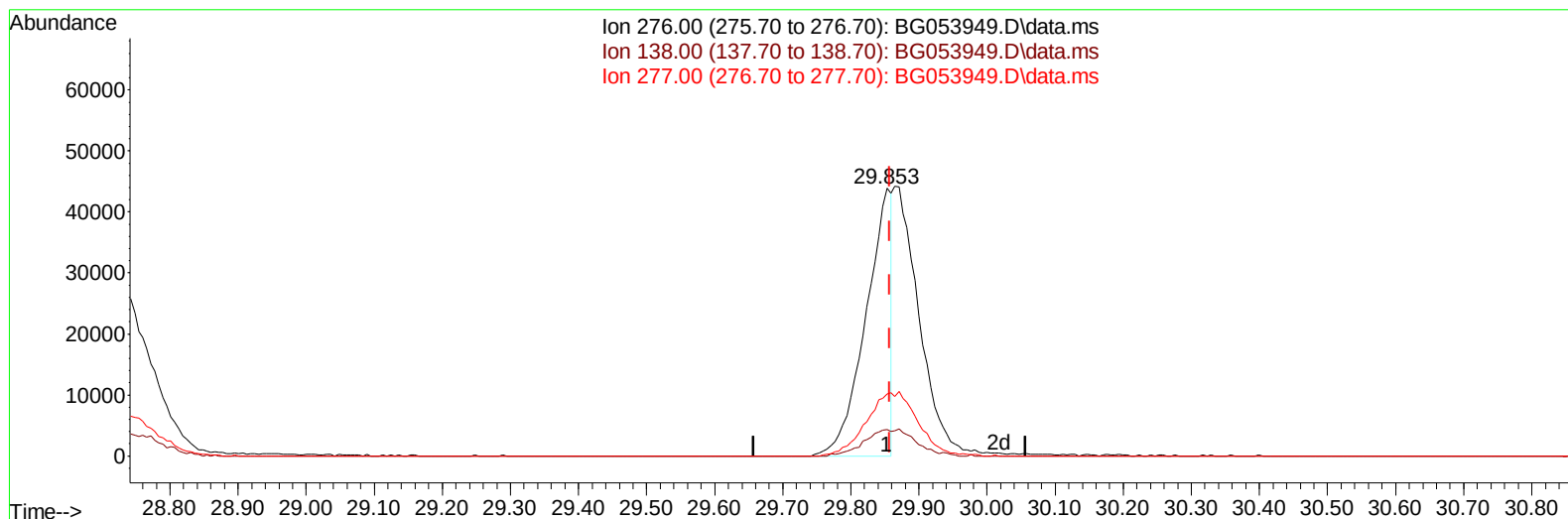
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
Data File : BG053949.D
Acq On : 20 Jun 2022 15:22
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SICV434

Manual IntegrationsAPPROVED

Quant Time: Jun 20 23:35:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 15:29:13 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :mohammad ahmed 06/27/2022



TIC: BG053949.D\data.ms

(96) Benzo(g,h,i)perylene

29.853min (-0.004) 10.18 ng/u1

response 115724

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.10	9.79#
277.00	23.20	23.04
0.00	0.00	0.00

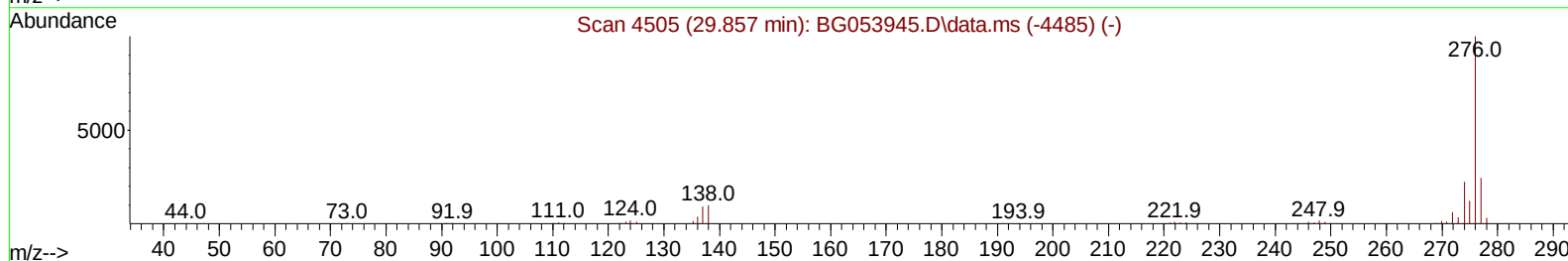
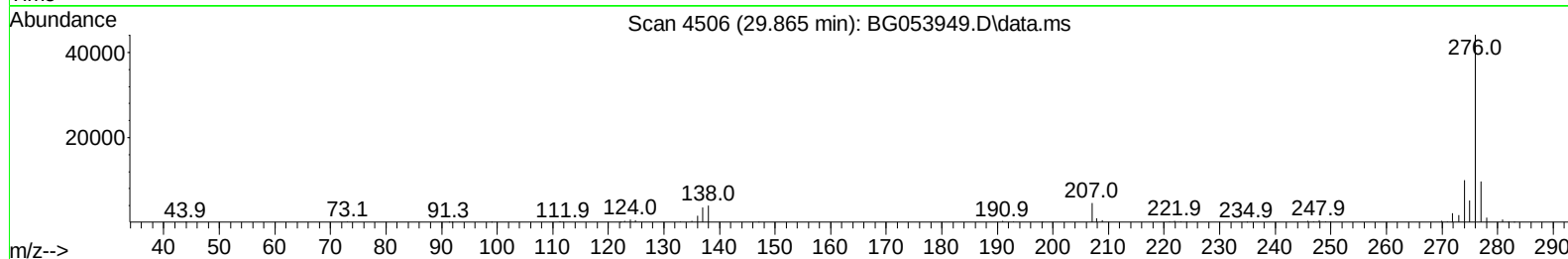
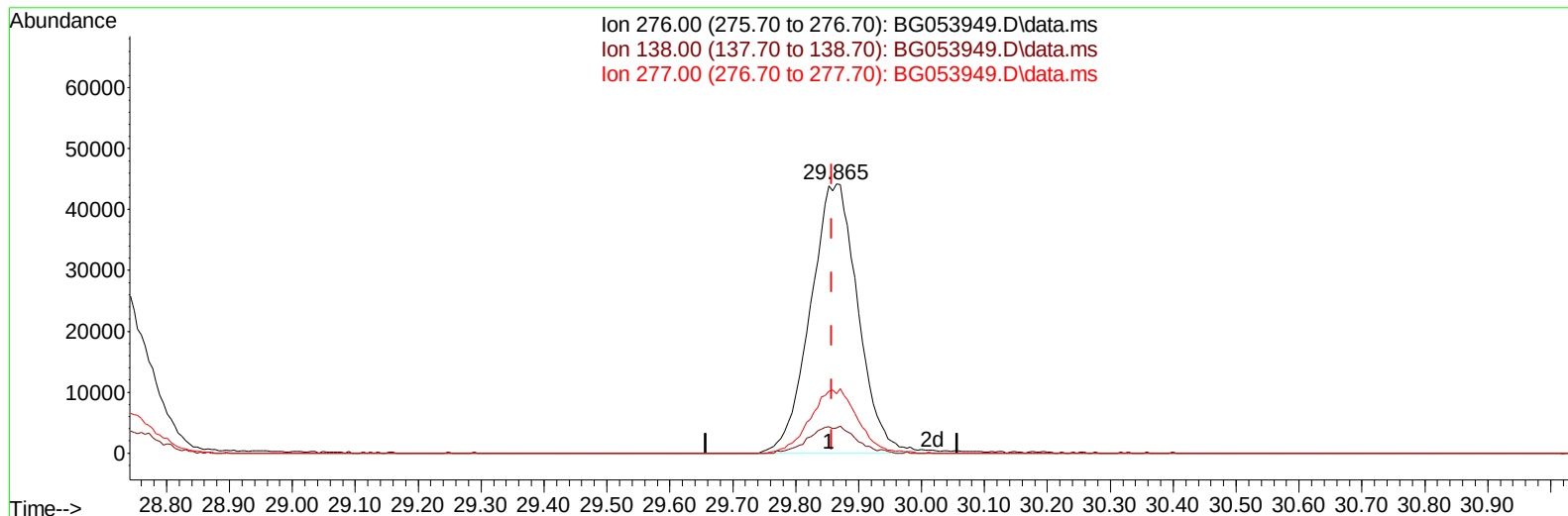
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
Data File : BG053949.D
Acq On : 20 Jun 2022 15:22
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SICV434

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :mohammad ahmed 06/27/2022

Quant Time: Jun 20 23:35:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 15:29:13 2022
Response via : Initial Calibration



TIC: BG053949.D\data.ms

(96) Benzo(g,h,i)perylene

29.865min (+ 0.007) 20.41 ng/ul m

response 231952

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.10	9.24#
277.00	23.20	22.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
 Data File : BG053949.D
 Acq On : 20 Jun 2022 15:22
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV434

Manual IntegrationsAPPROVED

Quant Time: Jun 20 23:35:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 15:29:13 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2022
 Supervised By :mohammad ahmed 06/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.078	152	17929	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	71687	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.700	164	56188	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.444	188	151949	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.721	240	181632	20.000	ng/ul	# 0.00
88) Perylene-d12	24.982	264	188106	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.501	96	3092	8.206	ng/uL	0.00
4) Pyridine-d5	3.919	84	19403	18.931	ng/ul	0.00
7) Phenol-d5	7.226	99	25327	19.718	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.397	67	15888	20.506	ng/ul	0.00
11) 2-Chlorophenol-d4	7.608	132	21734	21.219	ng/ul	0.00
15) 4-Methylphenol-d8	8.778	113	21941	20.034	ng/ul	0.00
21) Nitrobenzene-d5	9.236	128	10909	20.502	ng/ul	0.00
24) 2-Nitrophenol-d4	9.964	143	11843	20.948	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.505	165	25690	20.538	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	31706	20.064	ng/ul	0.00
46) Dimethylphthalate-d6	14.101	166	91163	20.624	ng/ul	0.00
49) Acenaphthylene-d8	14.395	160	95656	19.901	ng/ul	0.00
54) 4-Nitrophenol-d4	14.882	143	12603	20.823	ng/ul	0.00
60) Fluorene-d10	15.693	176	80687	20.322	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.799	200	15426	18.610	ng/ul	0.00
73) Anthracene-d10	17.544	188	140873	20.529	ng/ul	0.00
81) Pyrene-d10	19.829	212	190963	20.165	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.753	264	192514	20.275	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.537	88	3618	8.799	ng/ul#	89
5) Pyridine	3.936	79	21289	20.029	ng/ul	99
6) Benzaldehyde	7.215	77	16015m	24.485	ng/ul	
8) Phenol	7.256	94	27436	20.471	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.491	93	21111	20.795	ng/ul	91
12) 2-Chlorophenol	7.644	128	22205	21.233	ng/ul	99
13) 2-Methylphenol	8.513	108	20939	20.127	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.607	45	31451	20.857	ng/ul	96
16) Acetophenone	8.901	105	35422	20.913	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.883	70	17844	20.667	ng/ul	96
18) 4-Methylphenol	8.836	108	22670	20.369	ng/ul	99
19) Hexachloroethane	9.165	117	8829	19.924	ng/ul#	83
22) Nitrobenzene	9.277	77	26187	20.662	ng/ul	98
23) Isophorone	9.800	82	49321	20.071	ng/ul	99
25) 2-Nitrophenol	9.994	139	12156	20.505	ng/ul	92
26) 2,4-Dimethylphenol	10.047	107	26742	20.658	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.288	93	28711	20.754	ng/ul	97
29) 2,4-Dichlorophenol	10.528	162	25828	20.648	ng/ul#	95
30) Naphthalene	10.940	128	71787	20.187	ng/ul	99
32) 4-Chloroaniline	11.040	127	31631	20.185	ng/ul	98
33) Hexachlorobutadiene	11.228	225	24687	20.206	ng/ul	99
34) Caprolactam	11.786	113	7593m	20.341	ng/ul	
35) 4-Chloro-3-methylphenol	12.156	107	24418	20.299	ng/ul	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
 Data File : BG053949.D
 Acq On : 20 Jun 2022 15:22
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV434

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
 Supervised By :mohammad ahmed 06/27/2022

Quant Time: Jun 20 23:35:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 15:29:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.538	142	52782	20.064	ng/ul	99
37) 1-Methylnaphthalene	12.755	142	54031	20.595	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.902	216	46035	20.156	ng/ul#	96
40) Hexachlorocyclopentadiene	12.890	237	24916	19.452	ng/ul	94
41) 2,4,6-Trichlorophenol	13.137	196	24403	20.587	ng/ul	99
42) 2,4,5-Trichlorophenol	13.208	196	26715	19.936	ng/ul	99
43) 1,1'-Biphenyl	13.537	154	79346	20.375	ng/ul	97
44) 2-Chloronaphthalene	13.578	162	64059	19.808	ng/ul	95
45) 2-Nitroaniline	13.772	65	16718	20.548	ng/ul	99
47) Dimethylphthalate	14.148	163	85715	20.175	ng/ul	99
48) 2,6-Dinitrotoluene	14.265	165	17559	20.550	ng/ul	93
50) Acenaphthylene	14.424	152	101036	20.472	ng/ul	98
51) 3-Nitroaniline	14.594	138	15050	21.698	ng/ul#	95
52) Acenaphthene	14.765	153	66713	20.242	ng/ul	97
53) 2,4-Dinitrophenol	14.806	184	6912	17.462	ng/ul#	61
55) 4-Nitrophenol	14.894	109	11652	19.639	ng/ul	96
56) Dibenzofuran	15.100	168	101597	20.147	ng/ul	99
57) 2,4-Dinitrotoluene	15.053	165	26392	21.293	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.323	232	24451	20.998	ng/ul	95
59) Diethylphthalate	15.511	149	86062	20.660	ng/ul	96
61) Fluorene	15.746	166	84053	20.466	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.740	204	52646	20.160	ng/ul	92
63) 4-Nitroaniline	15.752	138	15354m	23.021	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.816	198	15212	19.118	ng/ul#	98
67) N-Nitrosodiphenylamine	15.946	169	75521	20.330	ng/ul	99
68) 4-Bromophenyl-phenylether	16.633	248	38414	20.353	ng/ul	93
69) Hexachlorobenzene	16.756	284	45694	20.656	ng/ul#	89
70) Atrazine	16.892	200	38808	21.269	ng/ul	96
71) Pentachlorophenol	17.097	266	18308m	19.526	ng/ul	
72) Phenanthrene	17.485	178	152936	20.316	ng/ul	99
74) Anthracene	17.579	178	158031	20.830	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.507	216	48688	18.813	ng/uL	97
76) Pentachlorobenzene	15.023	250	48597	20.416	ng/uL	98
77) Carbazole	17.843	167	130862	20.921	ng/ul	98
78) Di-n-butylphthalate	18.402	149	151680	21.299	ng/ul	99
80) Fluoranthene	19.494	202	212957	20.143	ng/ul#	93
82) Pyrene	19.859	202	213338	20.297	ng/ul#	94
83) Butylbenzylphthalate	20.740	149	66022	20.843	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.610	252	81048	21.562	ng/ul	93
85) Benzo(a)anthracene	21.704	228	227462	20.317	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.610	149	95410	20.613	ng/ul	96
87) Chrysene	21.768	228	222043	20.673	ng/ul	99
89) Di-n-octyl phthalate	22.838	149	162723	20.142	ng/ul	100
90) Benzo(b)fluoranthene	23.942	252	236476	20.359	ng/ul#	98
91) Benzo(k)fluoranthene	24.013	252	225638	20.288	ng/ul#	97
93) Benzo(a)pyrene	24.823	252	231679	20.706	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.695	276	274982	20.428	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.766	278	231128	20.402	ng/ul#	96
96) Benzo(g,h,i)perylene	29.865	276	231952m	20.408	ng/ul	

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

Instrument :

BNA_G

ClientSampleId :

SICV434

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :mohammad ahmed 06/27/2022

Manual IntegrationsAPPROVED

Quant Time: Jun 20 23:35:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 15:29:13 2022
Response via : Initial Calibration

