

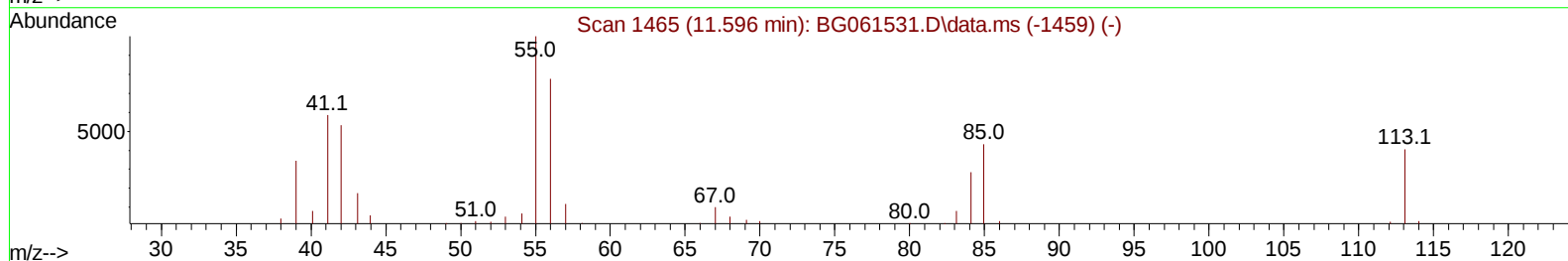
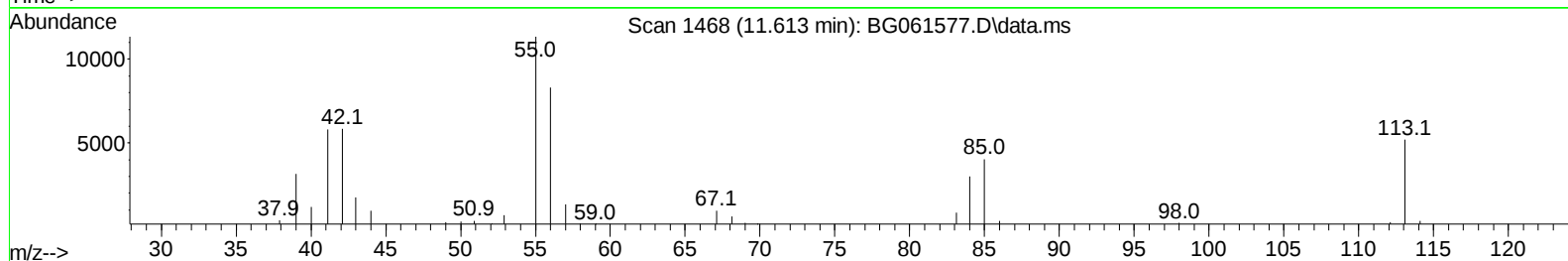
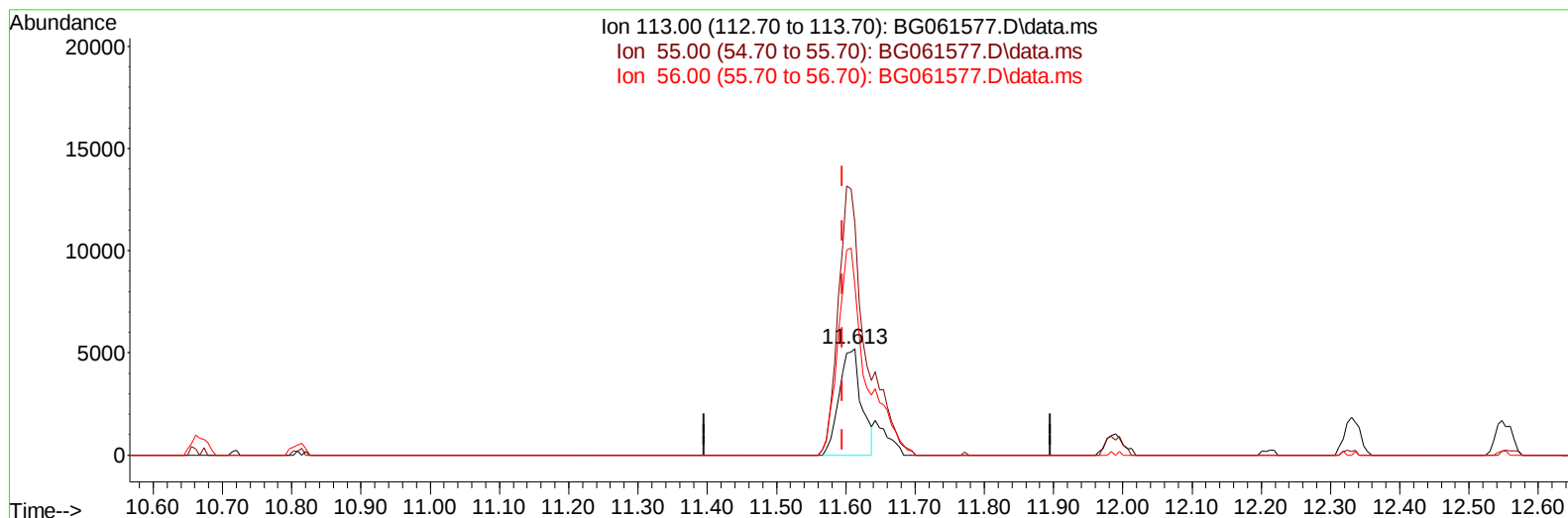
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061577.D
 Acq On : 8 Jun 2024 23:04
 Operator : MA/JU
 Sample : PB161227BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS227

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:04:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024



TIC: BG061577.D\data.ms

(34) Caprolactam

11.613min (+ 0.018) 19.97 ng/ul

response 11601

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	248.70	217.72
56.00	188.30	159.62
0.00	0.00	0.00

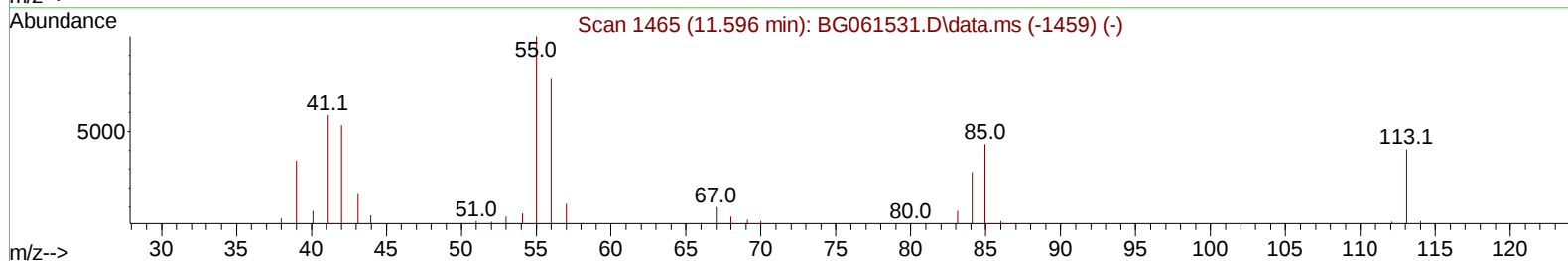
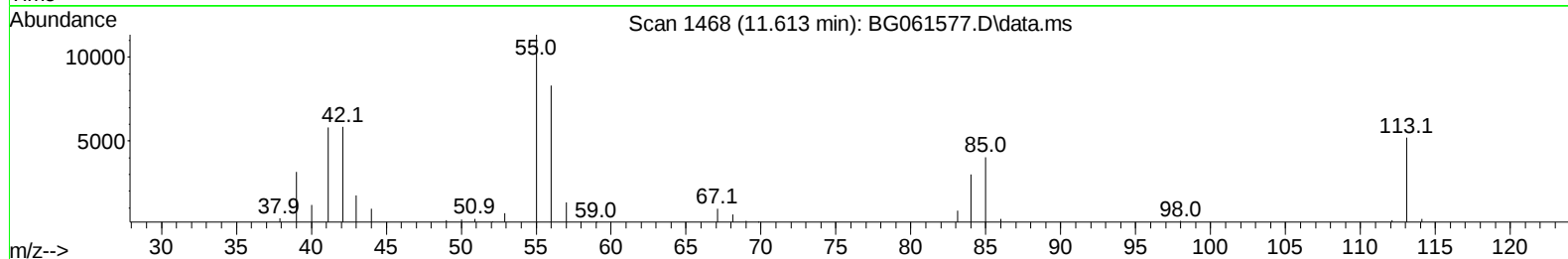
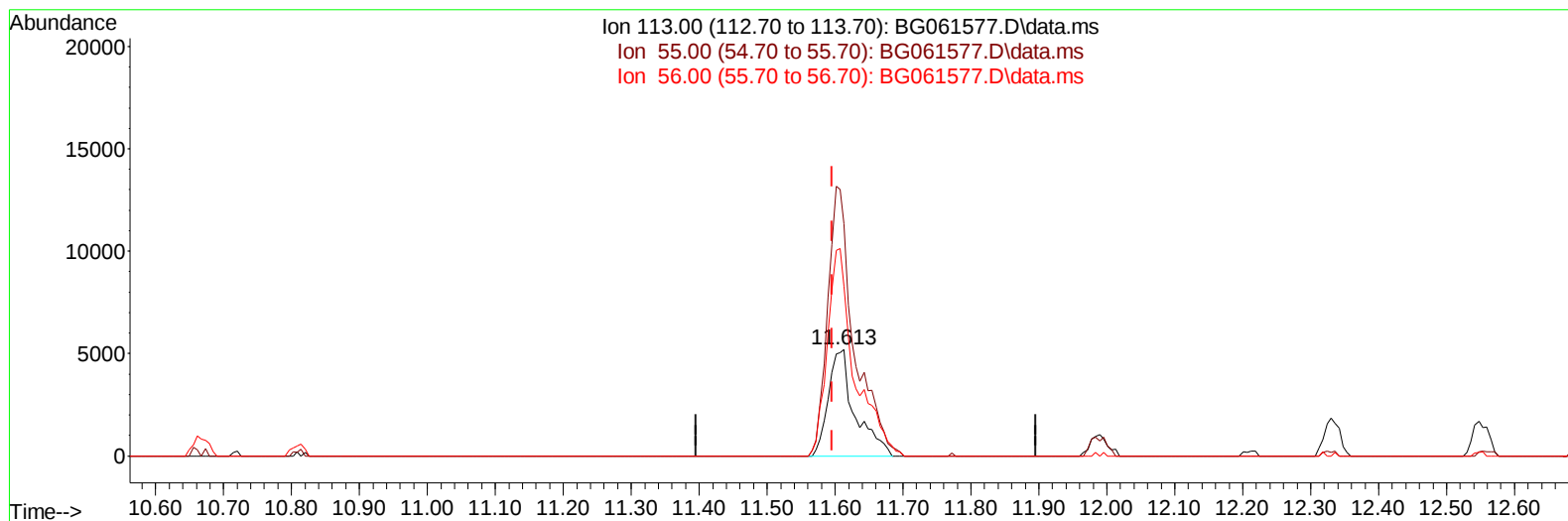
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061577.D
Acq On : 8 Jun 2024 23:04
Operator : MA/JU
Sample : PB161227BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS227

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 09 23:04:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration



TIC: BG061577.D\data.ms

(34) Caprolactam

11.613min (+ 0.018) 24.15 ng/ul m

response 14026

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	248.70	217.72
56.00	188.30	159.62
0.00	0.00	0.00

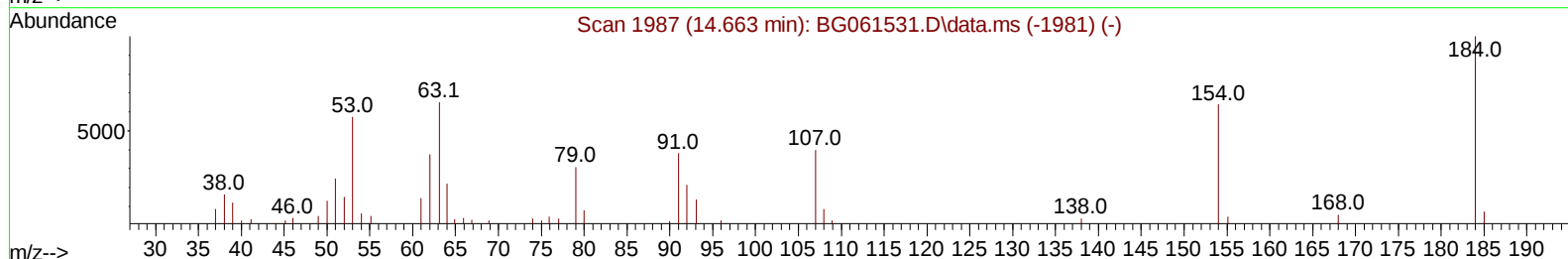
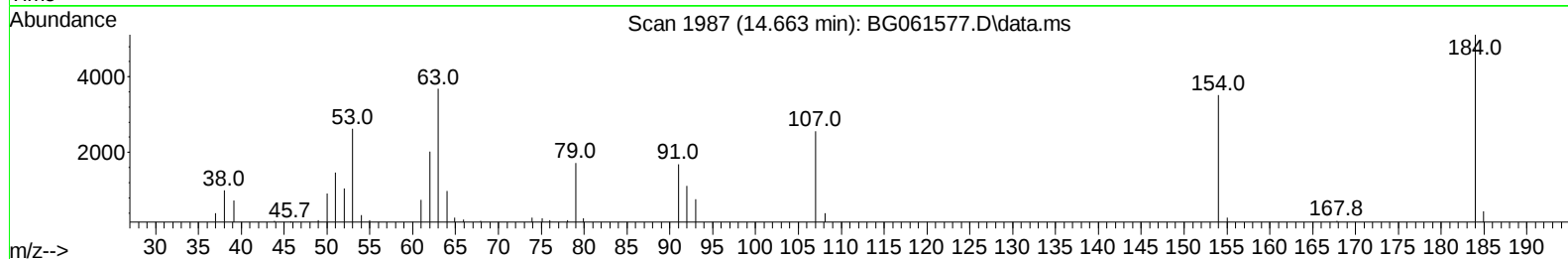
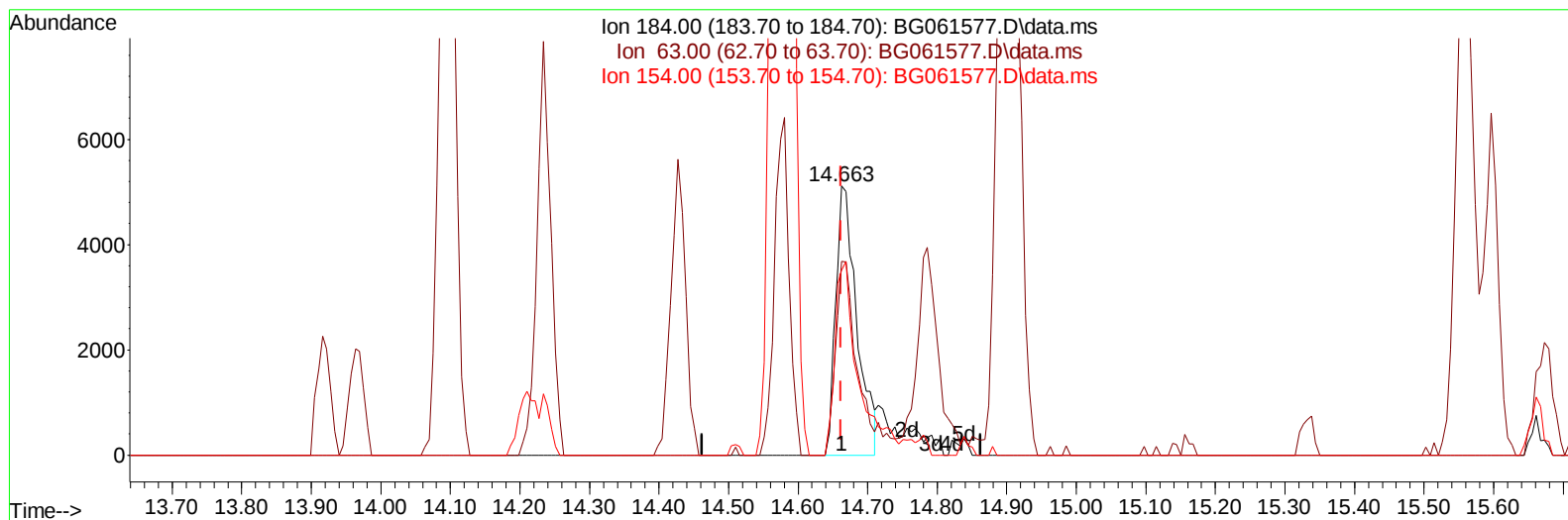
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061577.D
Acq On : 8 Jun 2024 23:04
Operator : MA/JU
Sample : PB161227BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS227

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 09 23:04:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration



TIC: BG061577.D\data.ms

(53) 2,4-Dinitrophenol

14.663min (+ 0.000) 18.09 ng/u1

response 10771

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	76.60	71.94
154.00	68.70	68.79
0.00	0.00	0.00

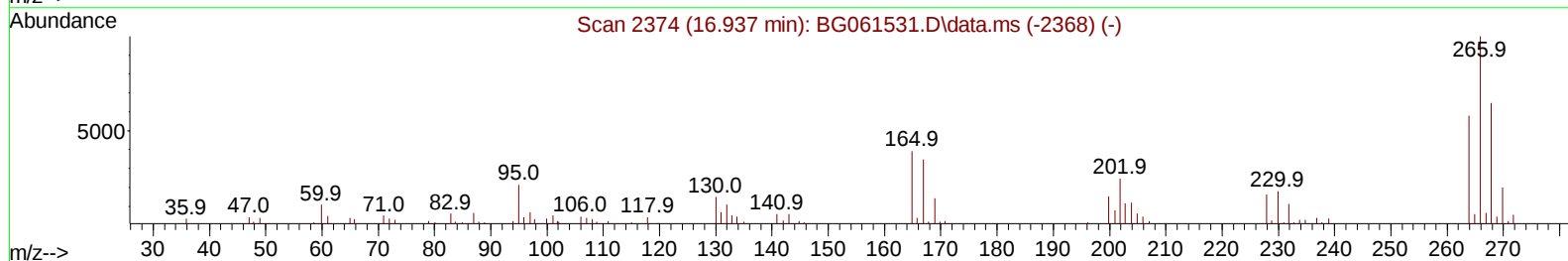
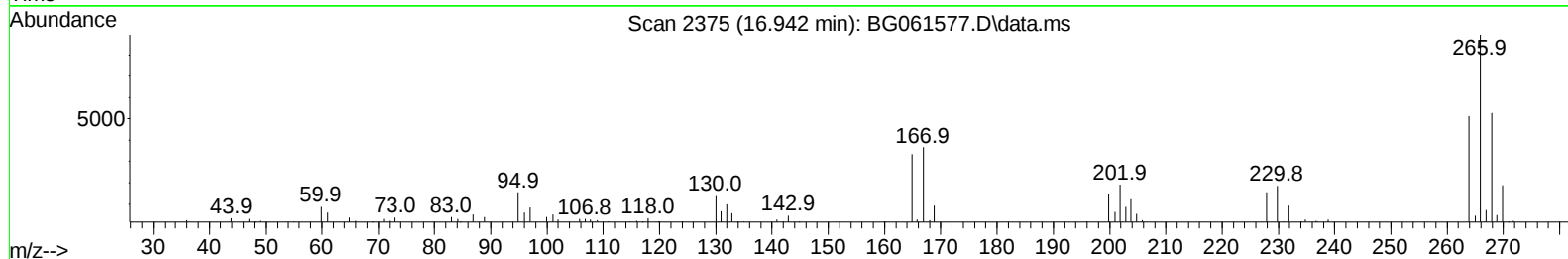
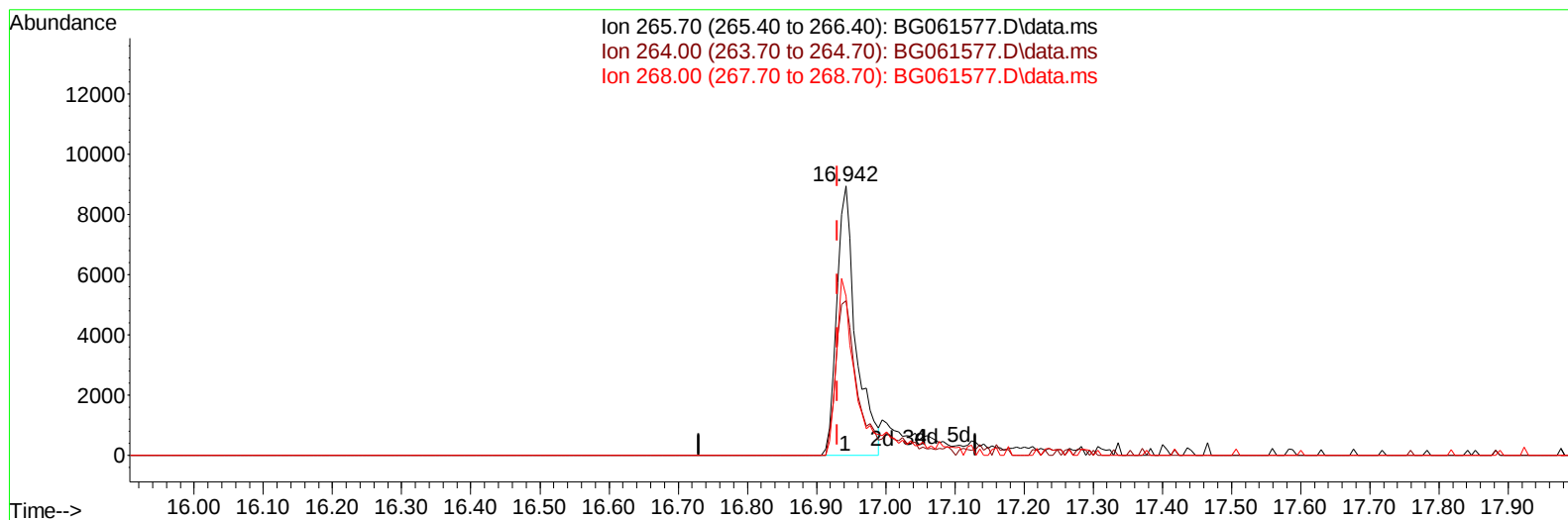
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061577.D
Acq On : 8 Jun 2024 23:04
Operator : MA/JU
Sample : PB161227BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS227

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
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Quant Time: Jun 09 23:04:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration



TIC: BG061577.D\data.ms

(71) Pentachlorophenol (C)

16.942min (+ 0.012) 22.00 ng/u1

response 17210

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	52.40	57.41
268.00	65.80	59.10
0.00	0.00	0.00

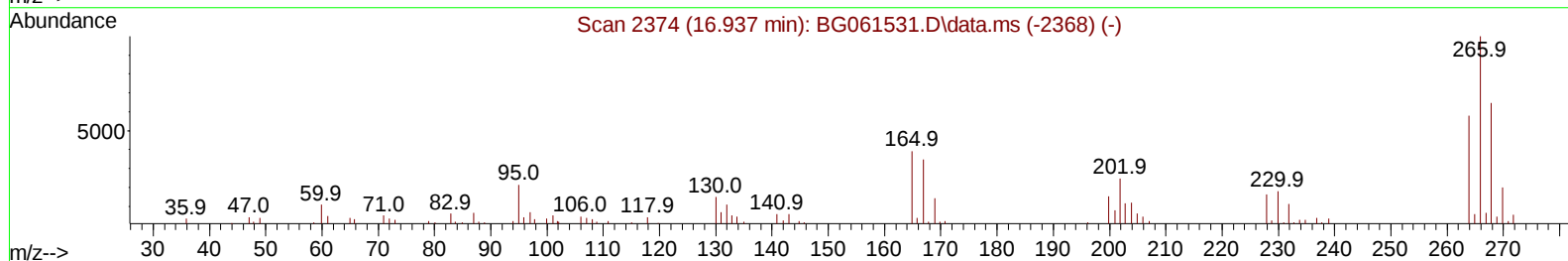
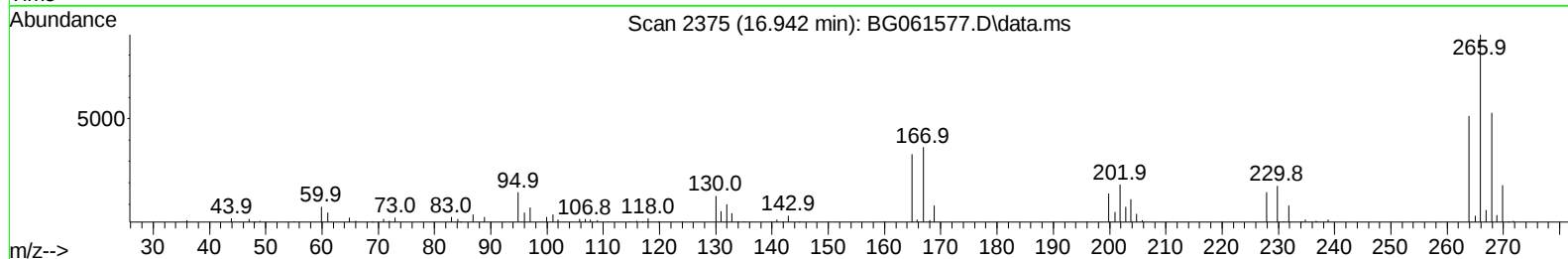
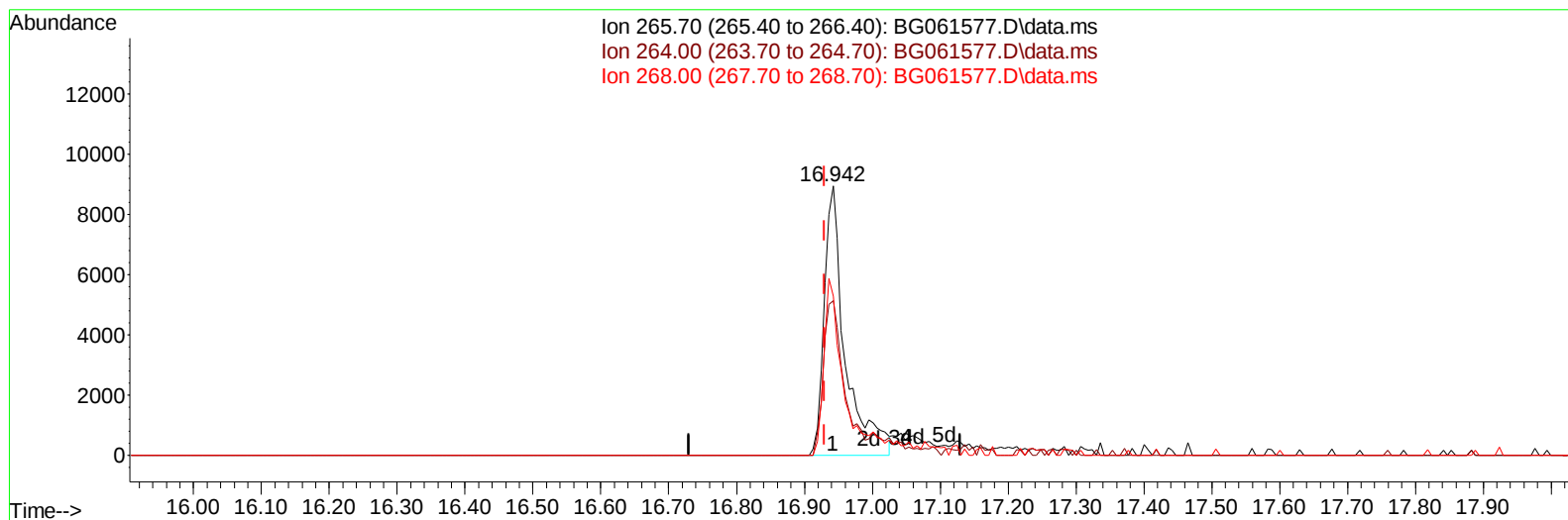
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061577.D
Acq On : 8 Jun 2024 23:04
Operator : MA/JU
Sample : PB161227BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS227

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 09 23:04:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration



TIC: BG061577.D\data.ms

(71) Pentachlorophenol (C)

16.942min (+ 0.012) 24.42 ng/ul m

response 19101

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	52.40	57.41
268.00	65.80	59.10
0.00	0.00	0.00

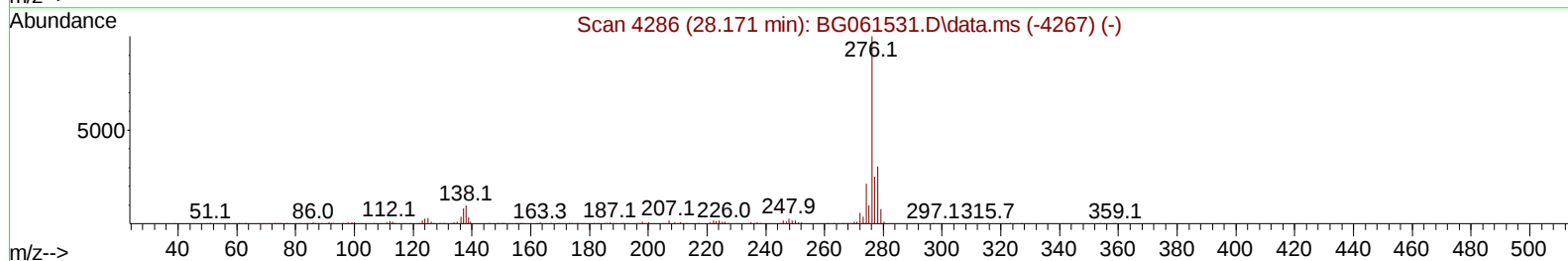
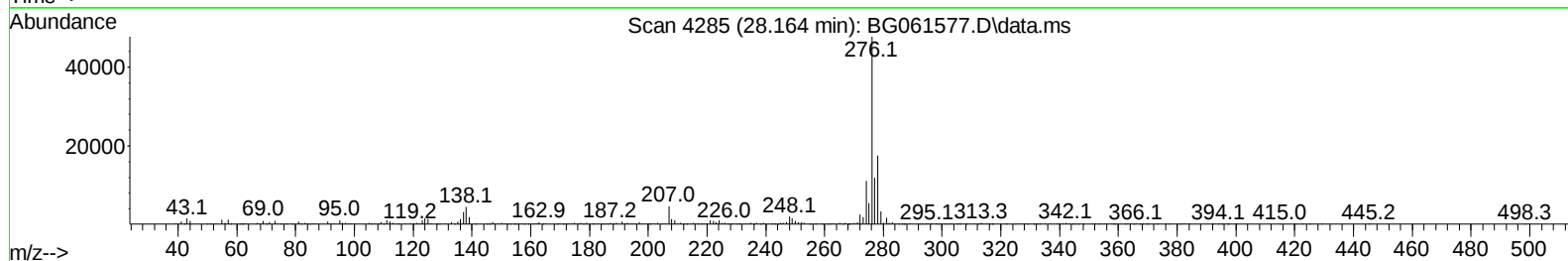
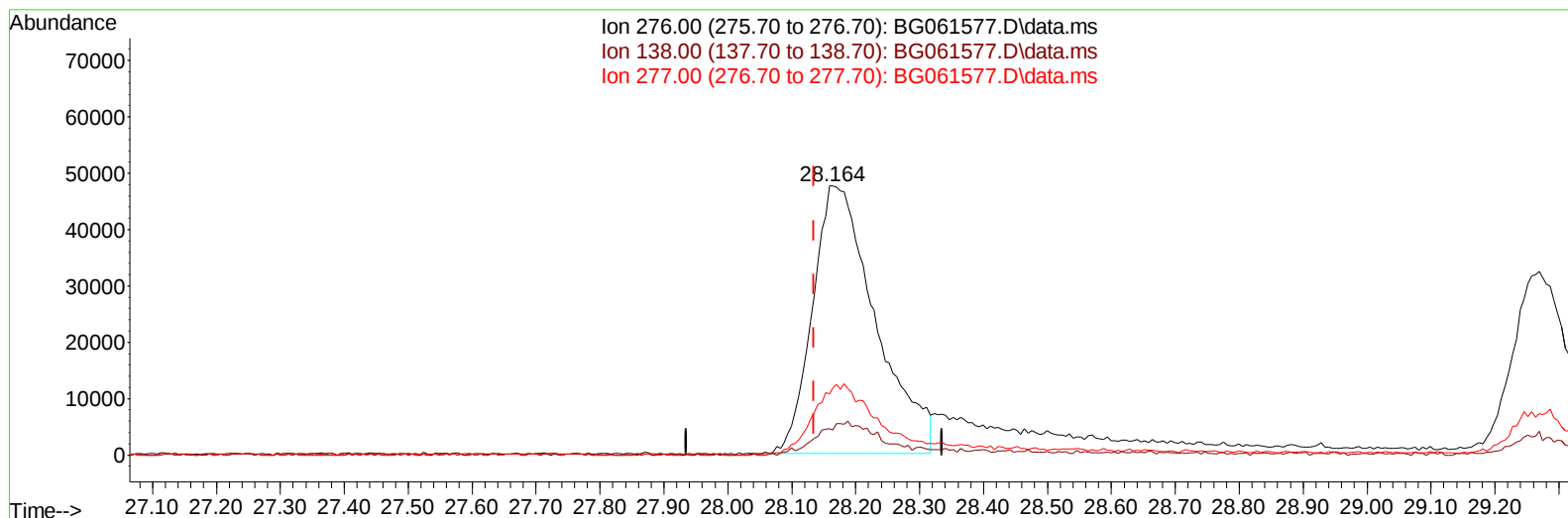
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061577.D
Acq On : 8 Jun 2024 23:04
Operator : MA/JU
Sample : PB161227BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS227

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:04:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061577.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.164min (+ 0.030) 24.27 ng/u1

response 325058

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	9.42
277.00	24.60	24.95
0.00	0.00	0.00

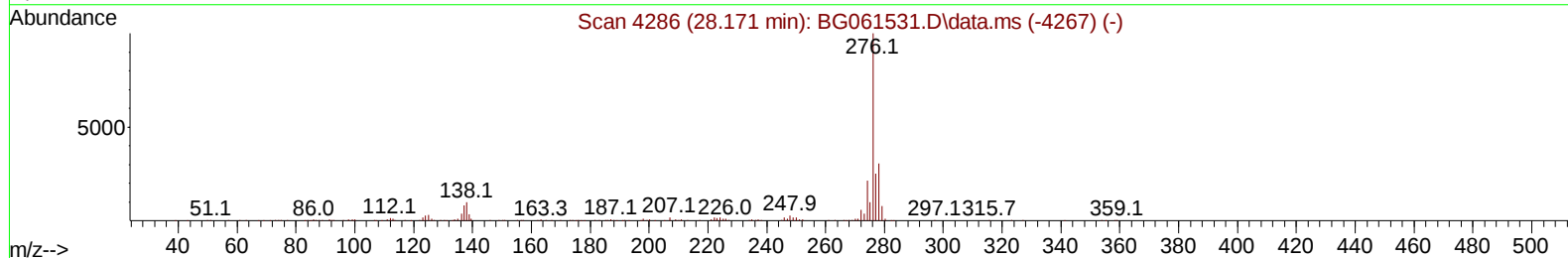
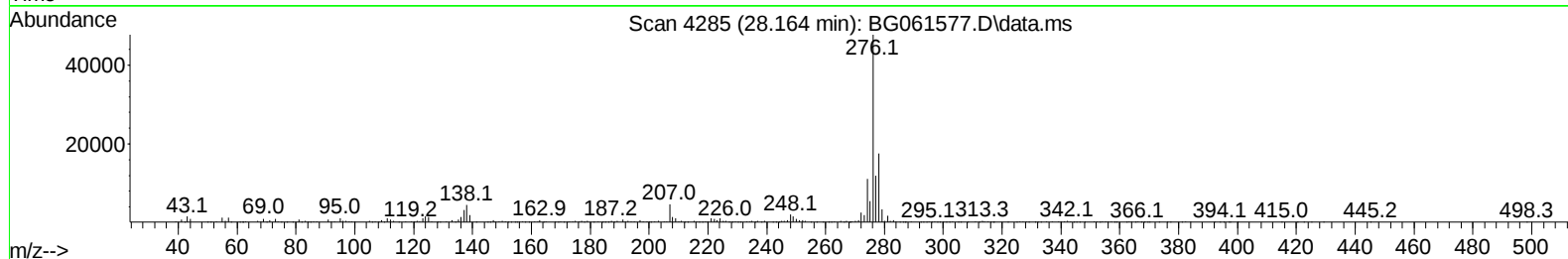
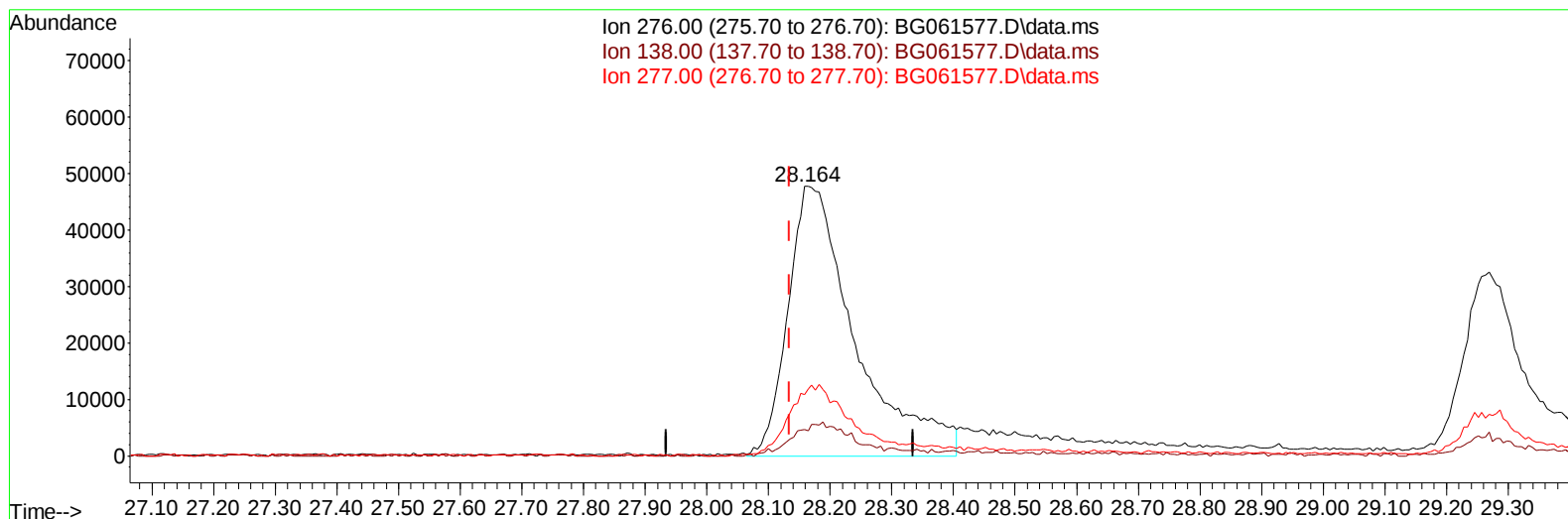
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061577.D
Acq On : 8 Jun 2024 23:04
Operator : MA/JU
Sample : PB161227BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS227

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:04:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061577.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.164min (+ 0.030) 27.06 ng/ul m

response 362484

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	9.42
277.00	24.60	24.95
0.00	0.00	0.00

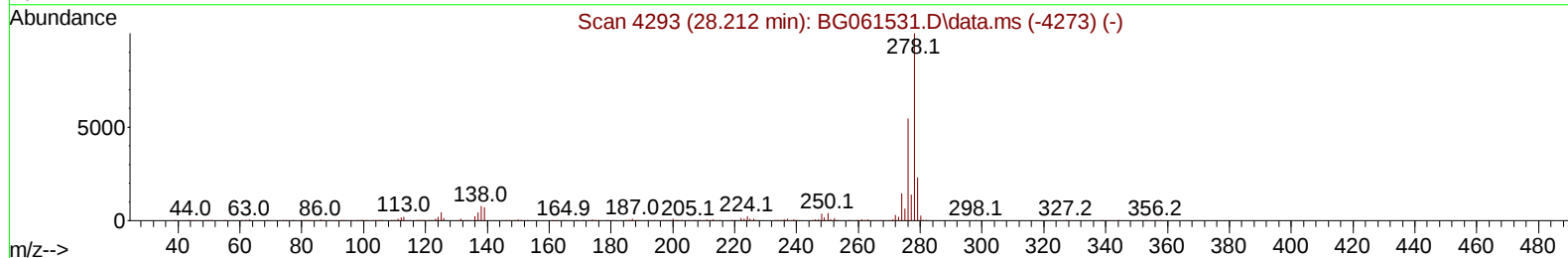
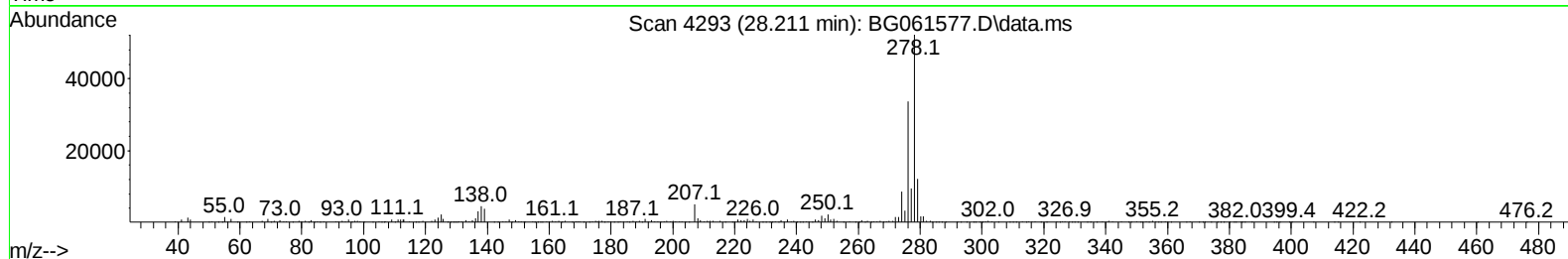
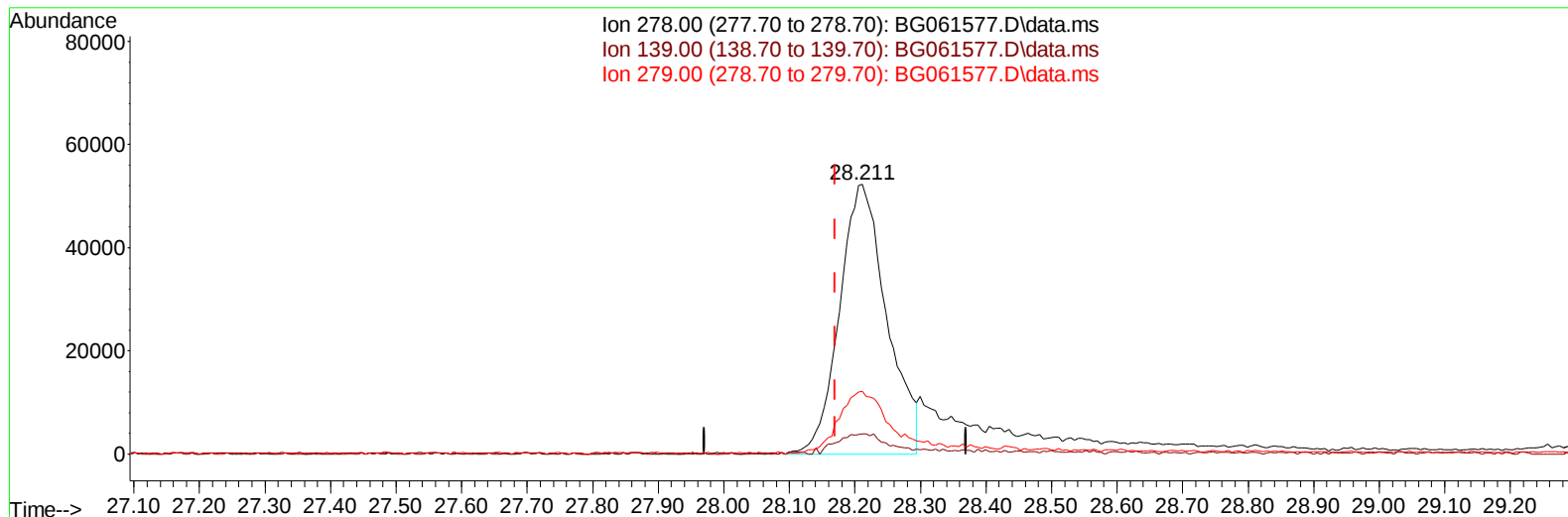
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061577.D
Acq On : 8 Jun 2024 23:04
Operator : MA/JU
Sample : PB161227BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS227

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:04:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061577.D\data.ms

(95) Dibenzo(a,h)anthracene

28.211min (+ 0.041) 23.74 ng/u1

response 262241

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	7.45
279.00	24.90	23.31
0.00	0.00	0.00

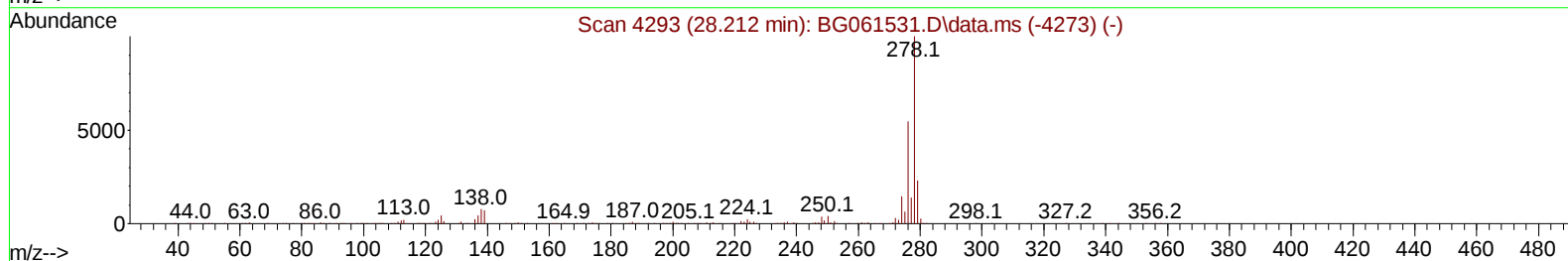
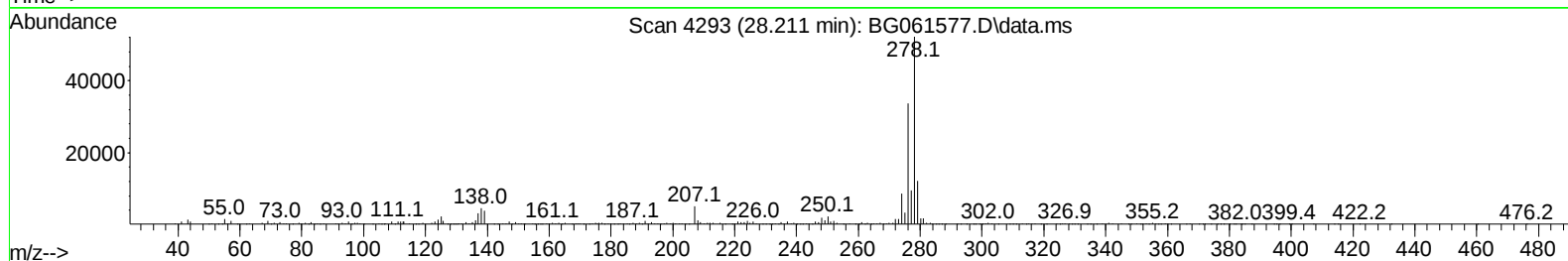
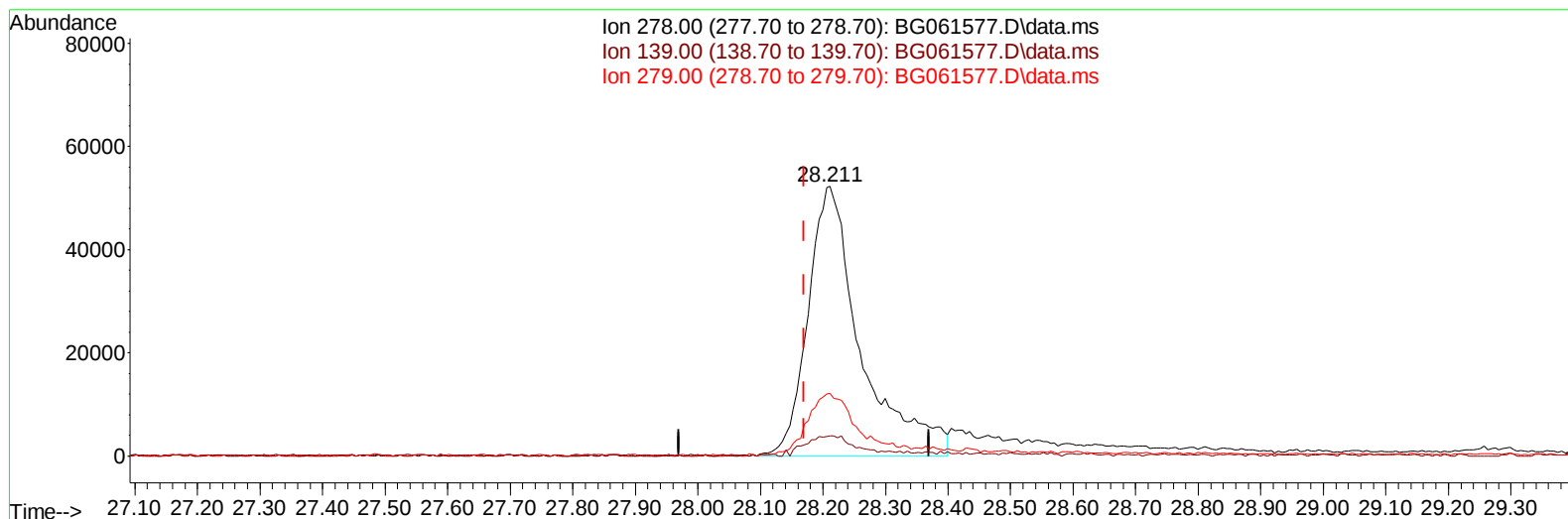
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061577.D
Acq On : 8 Jun 2024 23:04
Operator : MA/JU
Sample : PB161227BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS227

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:04:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061577.D\data.ms

(95) Dibenzo(a,h)anthracene

28.211min (+ 0.041) 27.71 ng/ul m

response 306064

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	7.45
279.00	24.90	23.31
0.00	0.00	0.00

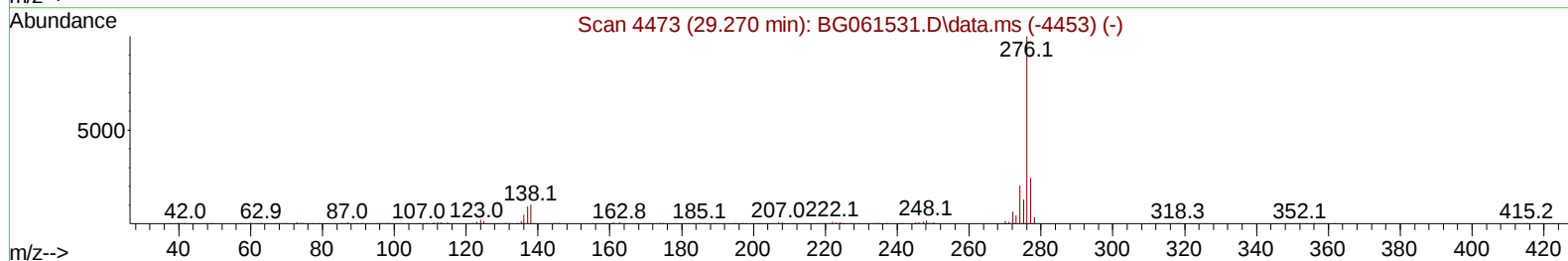
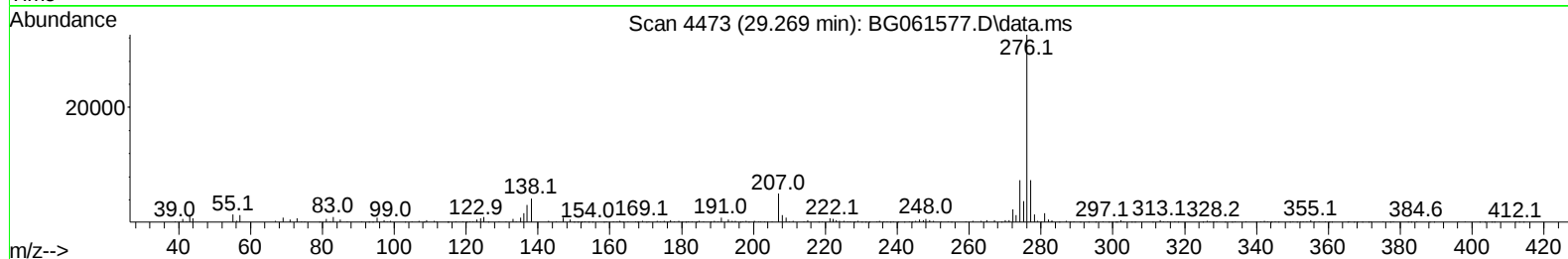
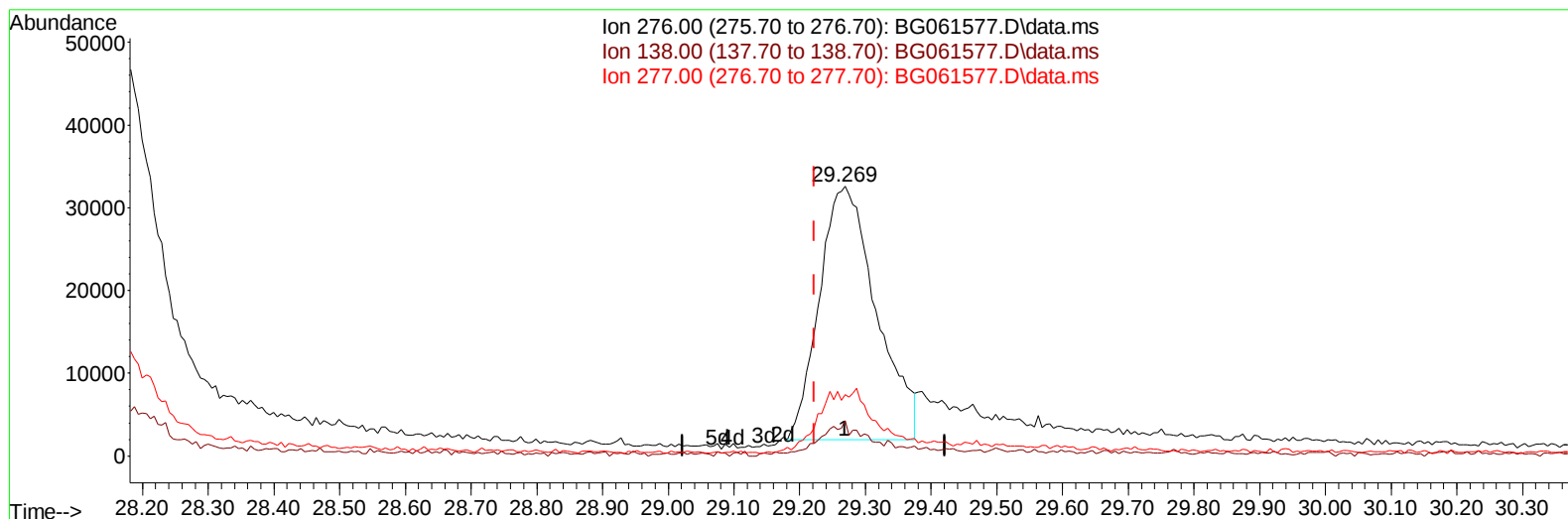
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Data File : BG061577.D
Acq On : 8 Jun 2024 23:04
Operator : MA/JU
Sample : PB161227BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS227

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:03:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061577.D\data.ms

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

29.269min (+ 0.047) 17.30 ng/u1

response 184315

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	13.04
277.00	22.70	22.73
0.00	0.00	0.00

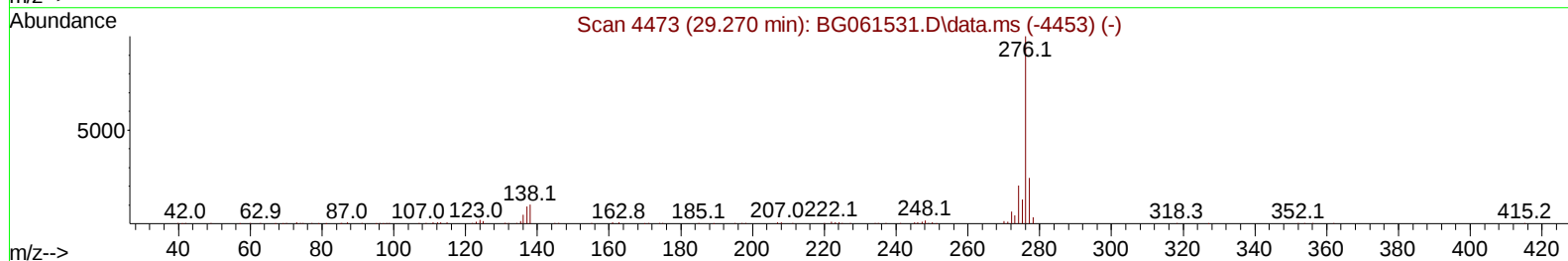
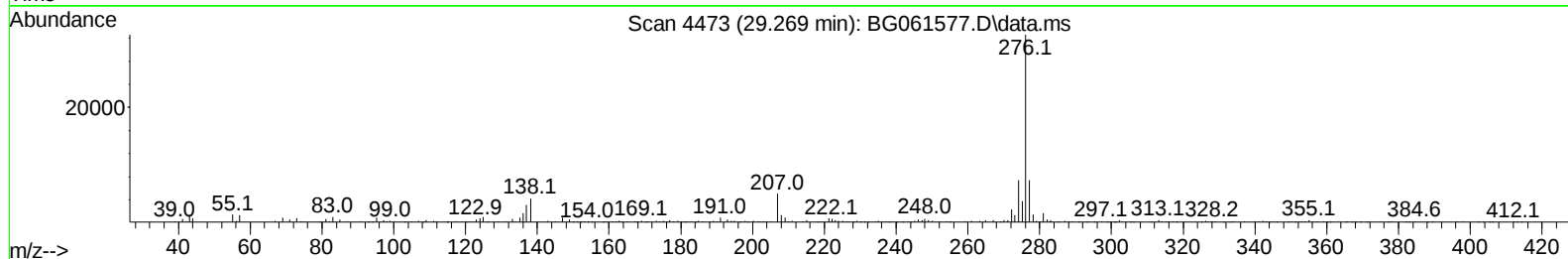
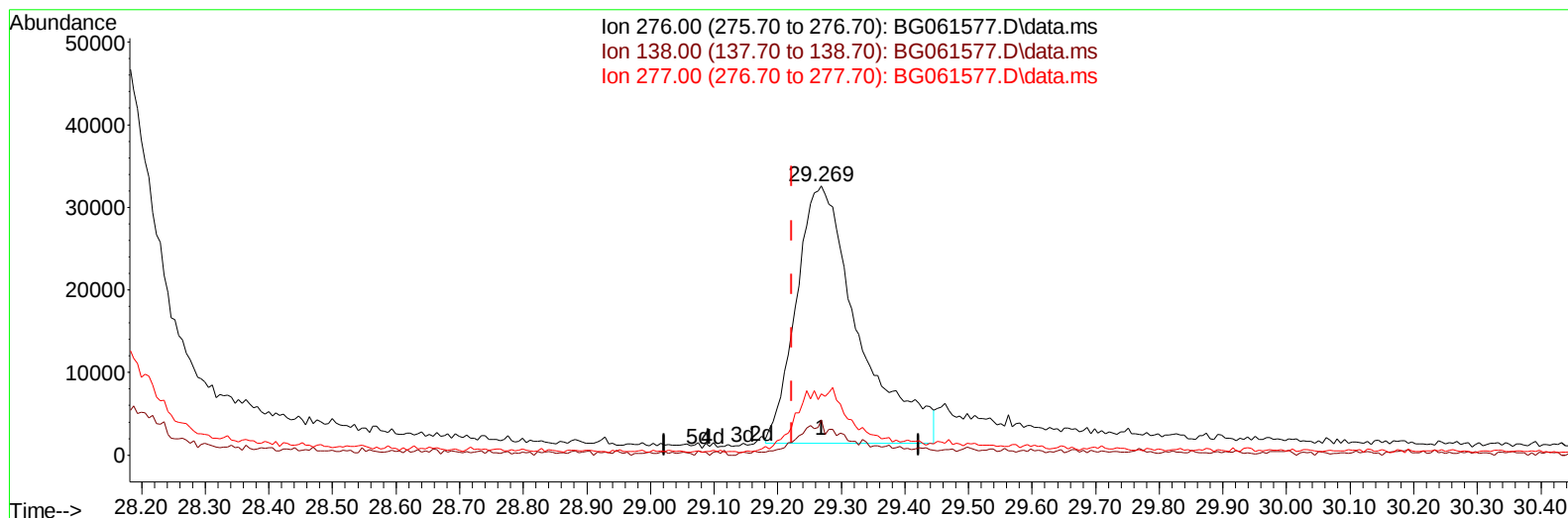
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061577.D
Acq On : 8 Jun 2024 23:04
Operator : MA/JU
Sample : PB161227BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS227

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:03:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061577.D\data.ms

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

29.269min (+ 0.047) 19.87 ng/ul m

response 211780

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	13.04
277.00	22.70	22.73
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061577.D
 Acq On : 8 Jun 2024 23:04
 Operator : MA/JU
 Sample : PB161227BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS227

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:03:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	24110	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	93841	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	70843	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	170633	20.000	ng/ul	0.00
79) Chrysene-d12	21.525	240	187217	20.000	ng/ul	0.00
88) Perylene-d12	24.633	264	195931	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	2350	5.455	ng/uL	-0.03
4) Pyridine-d5	3.740	84	39113	25.519	ng/ul	-0.03
7) Phenol-d5	7.071	99	49829	25.167	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	28519	22.917	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.418	132	41734	28.481	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	42183	24.986	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	22073	30.550	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	25758	30.462	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	52195	31.662	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	56156	26.038	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	152941	27.836	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	167742	29.365	ng/ul	0.00
54) 4-Nitrophenol-d4	14.774	143	14617	21.518	ng/ul	0.02
60) Fluorene-d10	15.509	176	134357	28.323	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.661	200	23397	22.671	ng/ul	0.01
73) Anthracene-d10	17.365	188	223600	29.723	ng/ul	0.00
81) Pyrene-d10	19.663	212	277892	28.909	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.422	264	290577	30.848	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	6037	11.675	ng/uL	88
5) Pyridine	3.764	79	42851	28.267	ng/ul#	81
6) Benzaldehyde	7.013	77	32018	30.927	ng/ul	95
8) Phenol	7.095	94	53998	26.767	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.295	93	37653	25.517	ng/ul	95
12) 2-Chlorophenol	7.447	128	44024	28.429	ng/ul	97
13) 2-Methylphenol	8.335	108	40220	25.726	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.393	45	79673	19.993	ng/ul#	92
16) Acetophenone	8.693	105	72181	25.052	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.675	70	34256	21.623	ng/ul#	84
18) 4-Methylphenol	8.670	108	45022	25.991	ng/ul	97
19) Hexachloroethane	8.952	117	18523	26.883	ng/ul	89
22) Nitrobenzene	9.075	77	54726	27.616	ng/ul	94
23) Isophorone	9.598	82	94585	23.464	ng/ul	99
25) 2-Nitrophenol	9.786	139	26168	28.511	ng/ul	98
26) 2,4-Dimethylphenol	9.862	107	39493	21.716	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.074	93	52340	25.902	ng/ul	98
29) 2,4-Dichlorophenol	10.338	162	50743	33.420	ng/ul	98
30) Naphthalene	10.720	128	147231	29.725	ng/ul	99
32) 4-Chloroaniline	10.832	127	53256	24.849	ng/ul	95
33) Hexachlorobutadiene	10.996	225	50775	34.213	ng/ul	99
34) Caprolactam	11.613	113	14026m	24.146	ng/ul	
35) 4-Chloro-3-methylphenol	11.989	107	52113	26.551	ng/ul	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061577.D
 Acq On : 8 Jun 2024 23:04
 Operator : MA/JU
 Sample : PB161227BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS227

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 10 01:03:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.330	142	101302	28.202	ng/ul	99
37) 1-Methylnaphthalene	12.547	142	105168	28.530	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.706	216	86196	36.853	ng/ul	97
40) Hexachlorocyclopentadiene	12.677	237	947	0.897	ng/ul#	66
41) 2,4,6-Trichlorophenol	12.959	196	46265	35.117	ng/ul	97
42) 2,4,5-Trichlorophenol	13.047	196	49010	35.326	ng/ul	97
43) 1,1'-Biphenyl	13.341	154	143875	31.408	ng/ul	98
44) 2-Chloronaphthalene	13.388	162	116431	32.297	ng/ul	97
45) 2-Nitroaniline	13.599	65	40727	27.373	ng/ul	96
47) Dimethylphthalate	13.969	163	161957	28.281	ng/ul	97
48) 2,6-Dinitrotoluene	14.099	165	31866	28.375	ng/ul#	96
50) Acenaphthylene	14.234	152	186197	29.395	ng/ul	99
51) 3-Nitroaniline	14.428	138	30235	31.023	ng/ul	95
52) Acenaphthene	14.580	153	123636	29.755	ng/ul	99
53) 2,4-Dinitrophenol	14.663	184	12081m	20.286	ng/ul	
55) 4-Nitrophenol	14.786	109	18519	23.188	ng/ul	93
56) Dibenzofuran	14.915	168	180929	30.454	ng/ul	97
57) 2,4-Dinitrotoluene	14.898	165	49827	29.162	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.162	232	41524	32.816	ng/ul#	95
59) Diethylphthalate	15.332	149	151797	26.843	ng/ul	99
61) Fluorene	15.567	166	152173	29.603	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.556	204	90135	29.898	ng/ul	98
63) 4-Nitroaniline	15.597	138	33687	33.186	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.673	198	26198	24.222	ng/ul#	93
67) N-Nitrosodiphenylamine	15.773	169	135554	31.607	ng/ul	96
68) 4-Bromophenyl-phenylether	16.449	248	66105	32.696	ng/ul	96
69) Hexachlorobenzene	16.584	284	74642	33.215	ng/ul#	92
70) Atrazine	16.731	200	48821	28.765	ng/ul	98
71) Pentachlorophenol	16.942	266	19101m	24.421	ng/ul	
72) Phenanthrene	17.307	178	253222	30.576	ng/ul	98
74) Anthracene	17.401	178	248370	29.005	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.317	216	83342	36.951	ng/uL	95
76) Pentachlorobenzene	14.839	250	91007	36.495	ng/uL	96
77) Carbazole	17.677	167	218910	31.430	ng/ul	100
78) Di-n-butylphthalate	18.229	149	259644	29.751	ng/ul	99
80) Fluoranthene	19.328	202	339114	29.407	ng/ul	98
82) Pyrene	19.692	202	354598	29.624	ng/ul	97
83) Butylbenzylphthalate	20.573	149	119491	29.059	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.425	252	133557	33.608	ng/ul	97
85) Benzo(a)anthracene	21.507	228	388297	30.058	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.408	149	167286	27.484	ng/ul#	98
87) Chrysene	21.572	228	359402	30.215	ng/ul	98
89) Di-n-octyl phthalate	22.577	149	291638	29.752	ng/ul	100
90) Benzo(b)fluoranthene	23.652	252	371961	31.885	ng/ul	97
91) Benzo(k)fluoranthene	23.711	252	385858	32.582	ng/ul	96
93) Benzo(a)pyrene	24.492	252	314102	28.355	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.164	276	362484m	27.059	ng/ul	
95) Dibenzo(a,h)anthracene	28.211	278	306064m	27.709	ng/ul	
96) Benzo(g,h,i)perylene	29.269	276	211780m	19.873	ng/ul	

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

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