

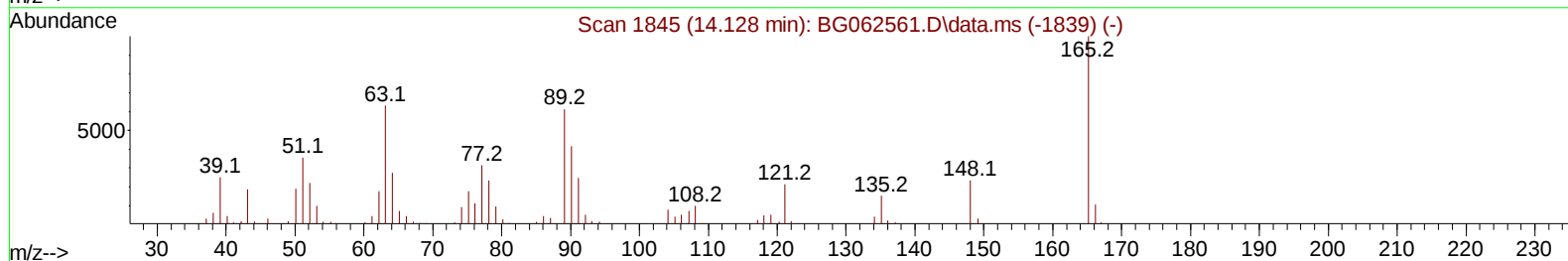
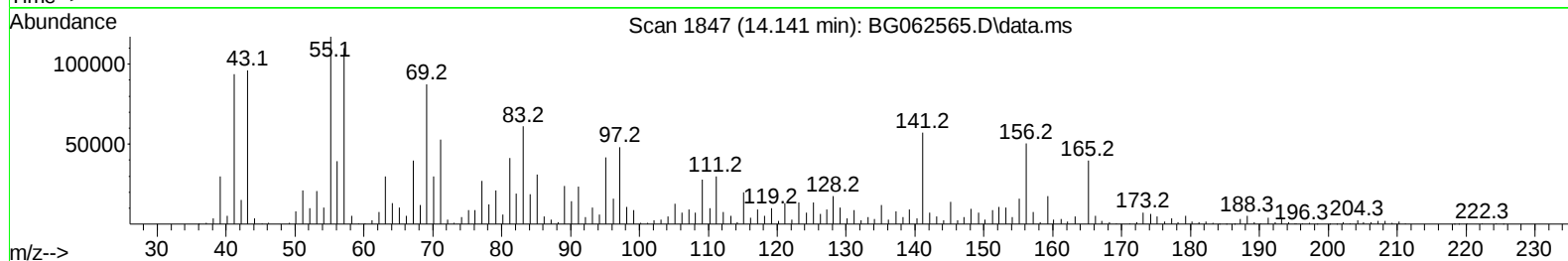
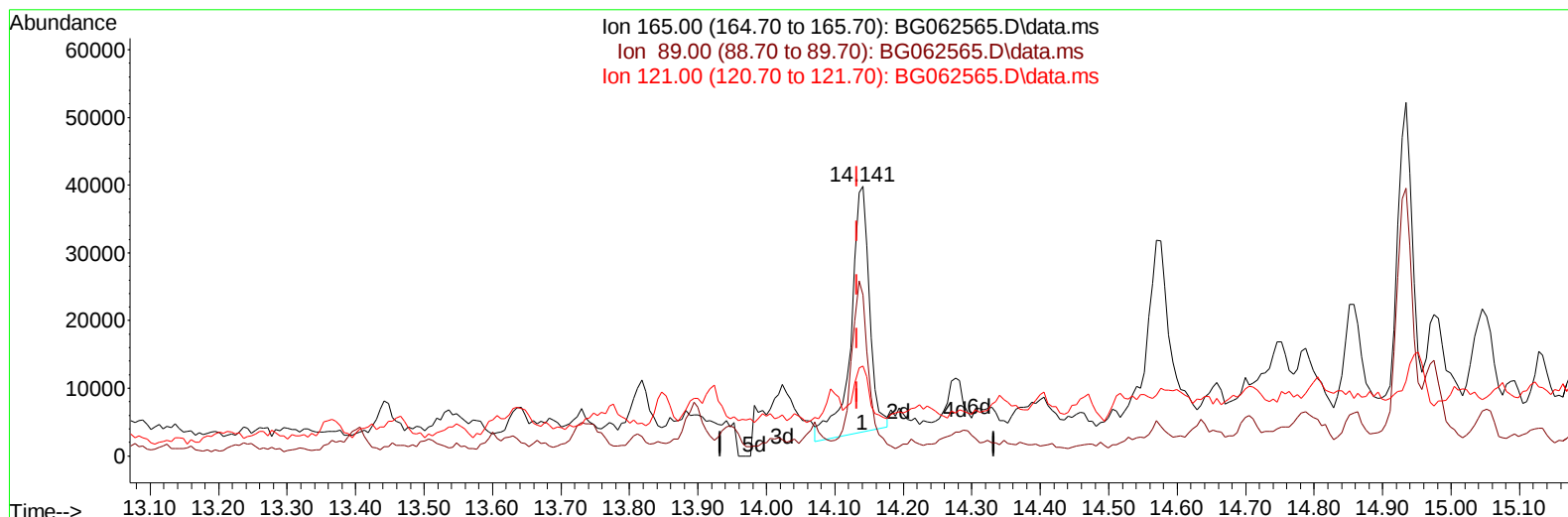
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082324\
Data File : BG062565.D
Acq On : 23 Aug 2024 13:07
Operator : MA/JU
Sample : P3696-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCN87MSD

Manual IntegrationsAPPROVED

Quant Time: Aug 23 14:16:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 23:01:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



TIC: BG062565.D\data.ms

(48) 2,6-Dinitrotoluene

14.141min (+ 0.008) 30.66 ng/ul

response 69166

Ion	Exp%	Act%
165.00	100.00	100.00
89.00	67.90	59.85
121.00	26.30	33.44#
0.00	0.00	0.00

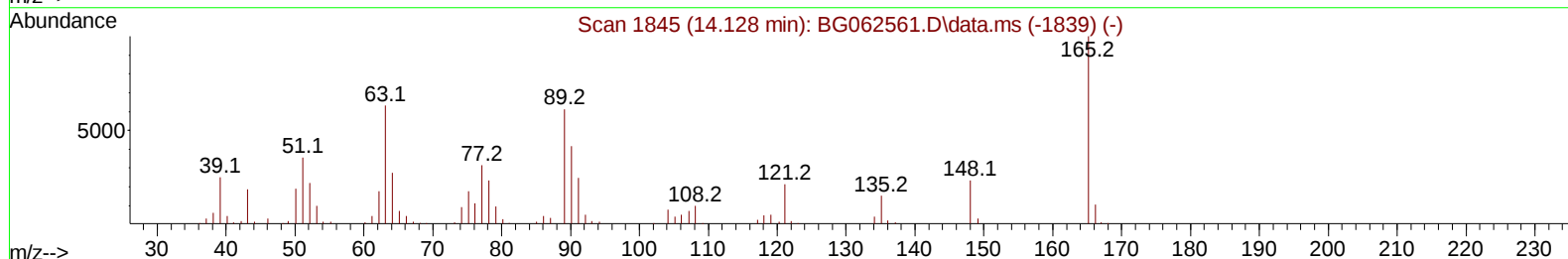
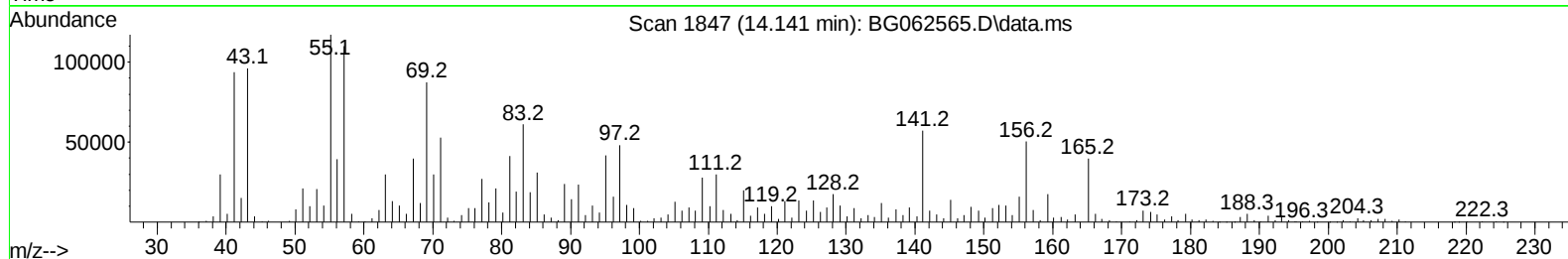
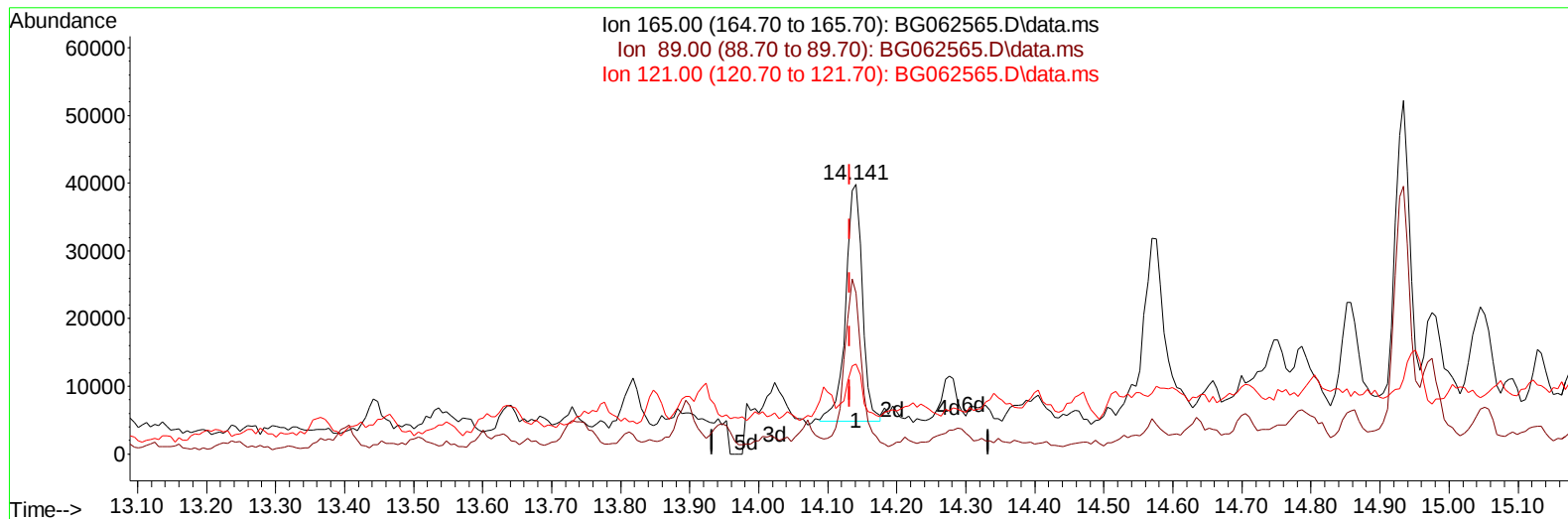
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082324\
Data File : BG062565.D
Acq On : 23 Aug 2024 13:07
Operator : MA/JU
Sample : P3696-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Aug 23 14:16:22 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 23:01:24 2024
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Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



TIC: BG062565.D\data.ms

(48) 2,6-Dinitrotoluene

14.141min (+ 0.008) 25.87 ng/ul m

response 58371

Ion	Exp%	Act%
165.00	100.00	100.00
89.00	67.90	59.85
121.00	26.30	33.44#
0.00	0.00	0.00

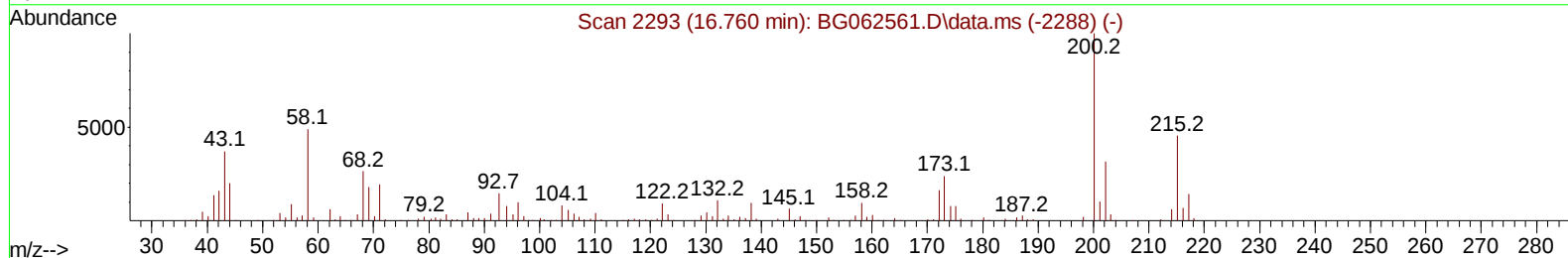
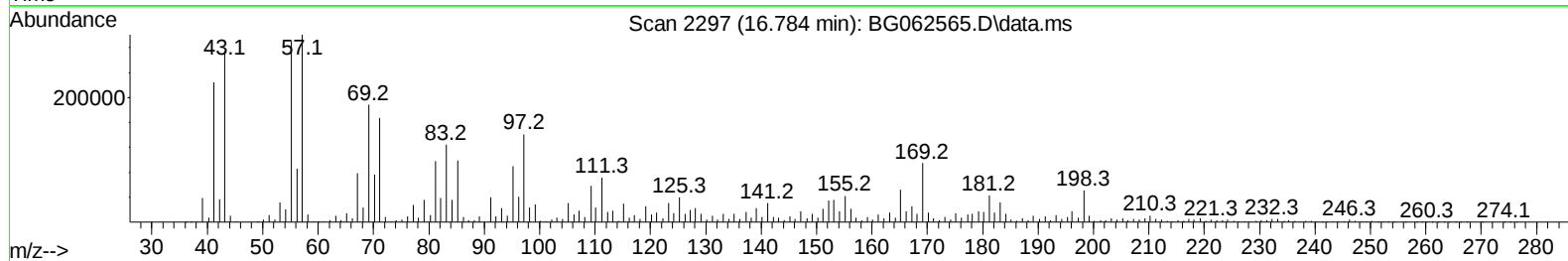
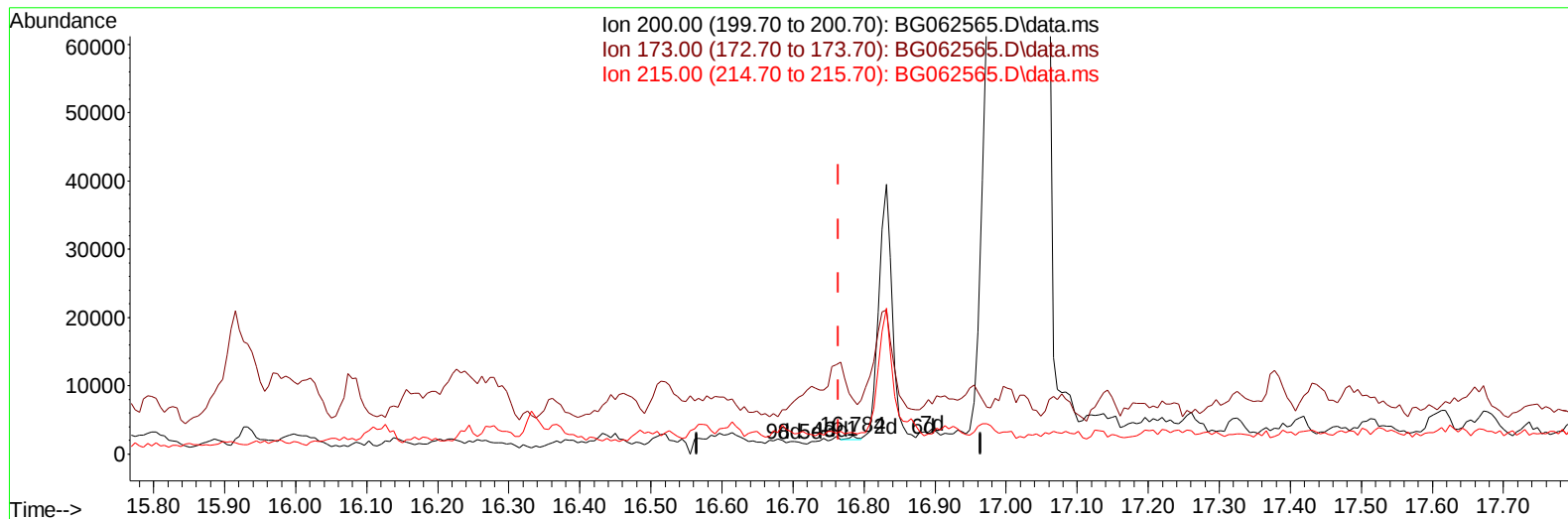
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082324\
Data File : BG062565.D
Acq On : 23 Aug 2024 13:07
Operator : MA/JU
Sample : P3696-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCN87MSD

Manual IntegrationsAPPROVED

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TIC: BG062565.D\data.ms

(70) Atrazine

16.784min (+ 0.020) 0.11 ng/u1

response 456

Ion	Exp%	Act%
200.00	100.00	100.00
173.00	25.00	301.47#
215.00	47.40	118.09#
0.00	0.00	0.00

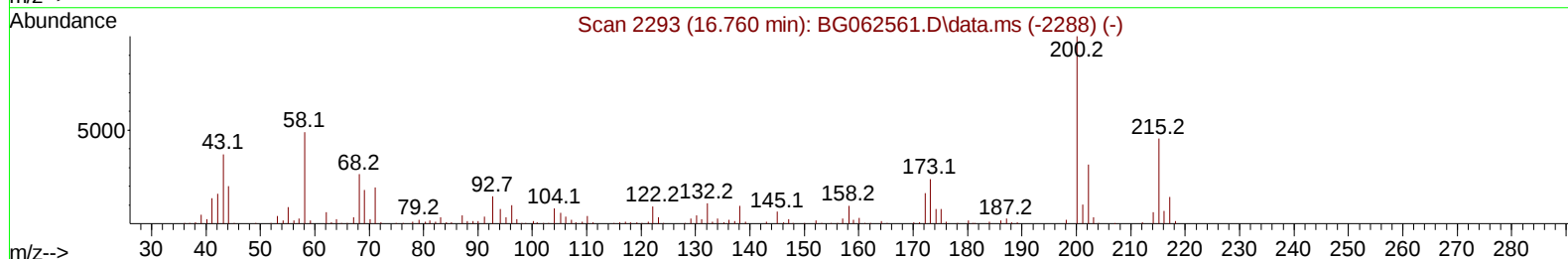
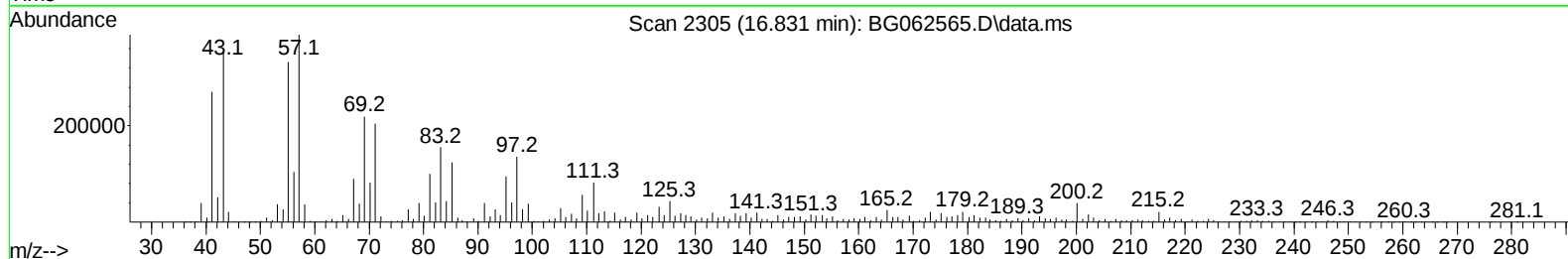
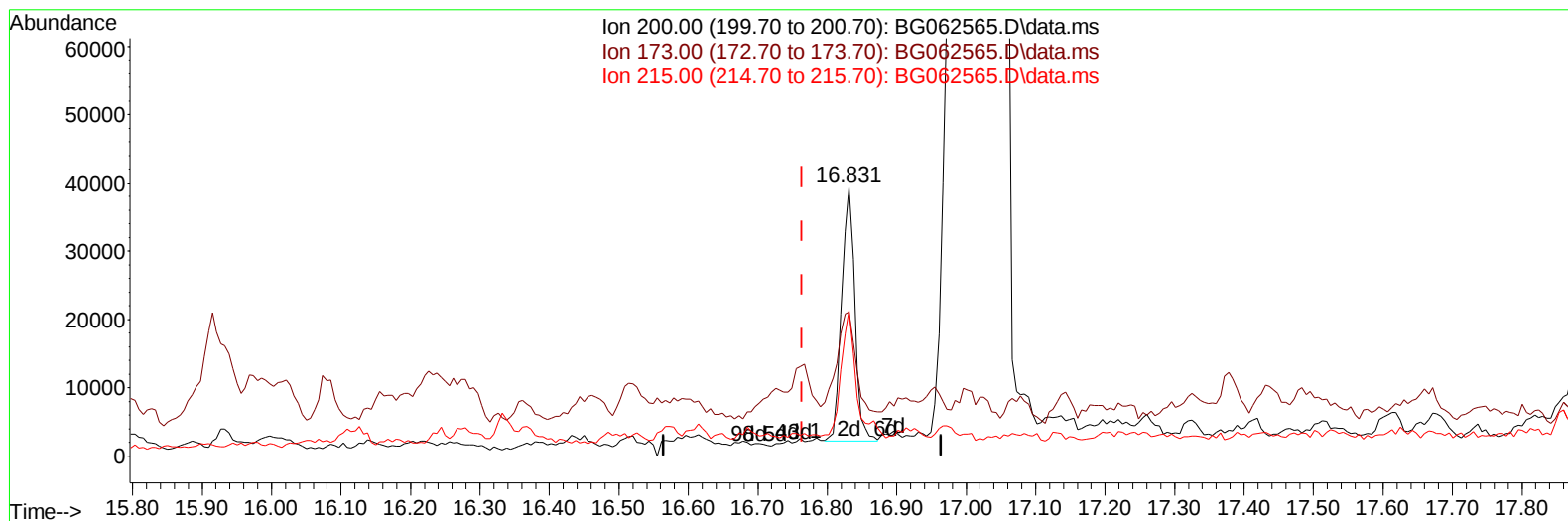
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082324\
Data File : BG062565.D
Acq On : 23 Aug 2024 13:07
Operator : MA/JU
Sample : P3696-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Aug 23 14:16:22 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 23:01:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



TIC: BG062565.D\data.ms

(70) Atrazine

16.831min (+ 0.067) 12.25 ng/ul m

response 49052

Ion	Exp%	Act%
200.00	100.00	100.00
173.00	25.00	53.50#
215.00	47.40	54.23
0.00	0.00	0.00

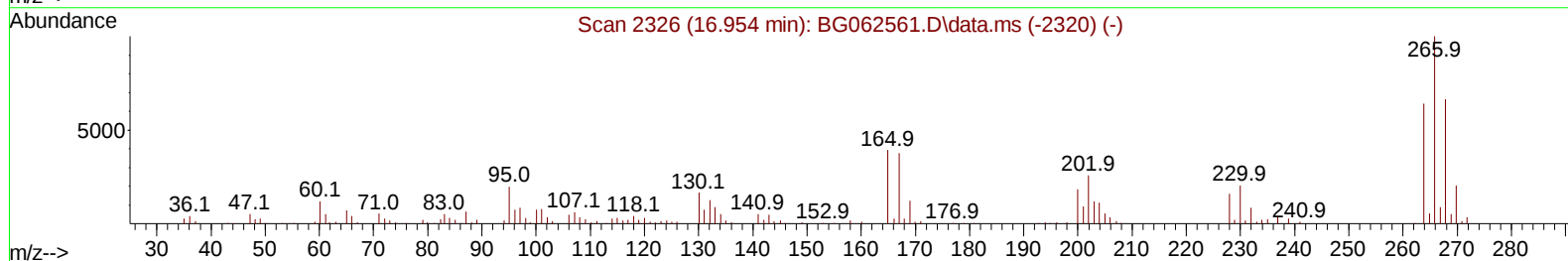
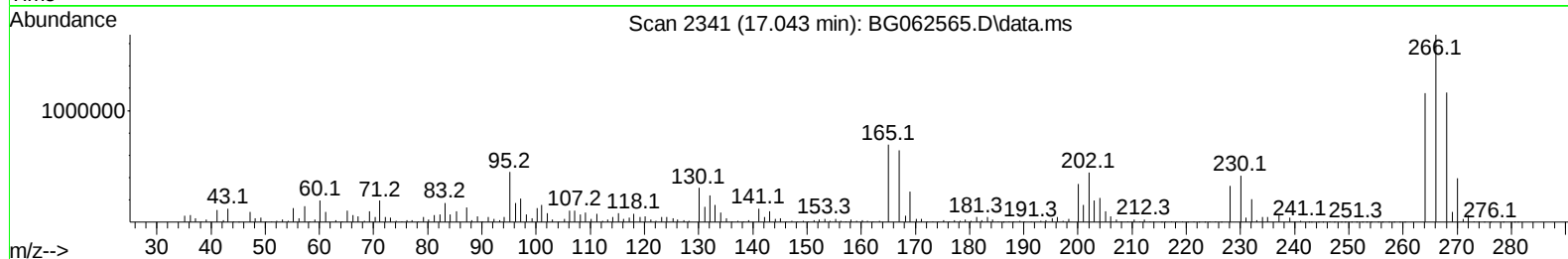
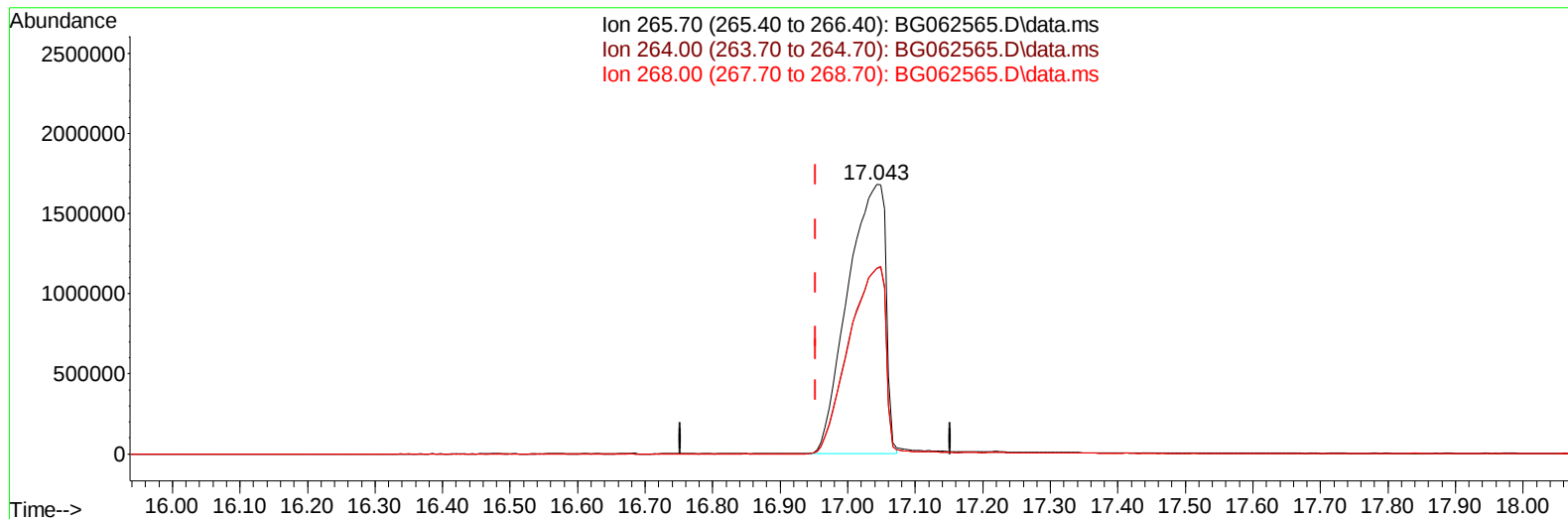
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082324\
Data File : BG062565.D
Acq On : 23 Aug 2024 13:07
Operator : MA/JU
Sample : P3696-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCN87MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 23 14:16:22 2024
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG062565.D\data.ms

(71) Pentachlorophenol (C)

17.043min (+ 0.091) 2586.38 ng/u1

response 6536806

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	61.80	68.96
268.00	62.60	69.02
0.00	0.00	0.00

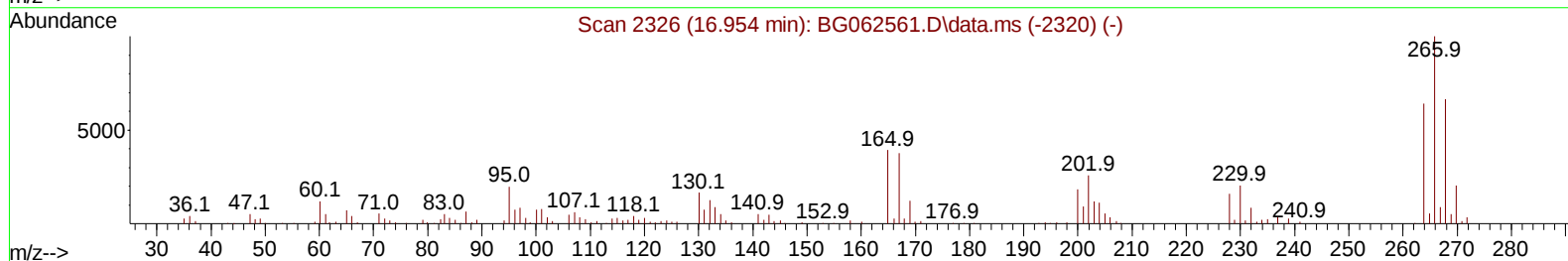
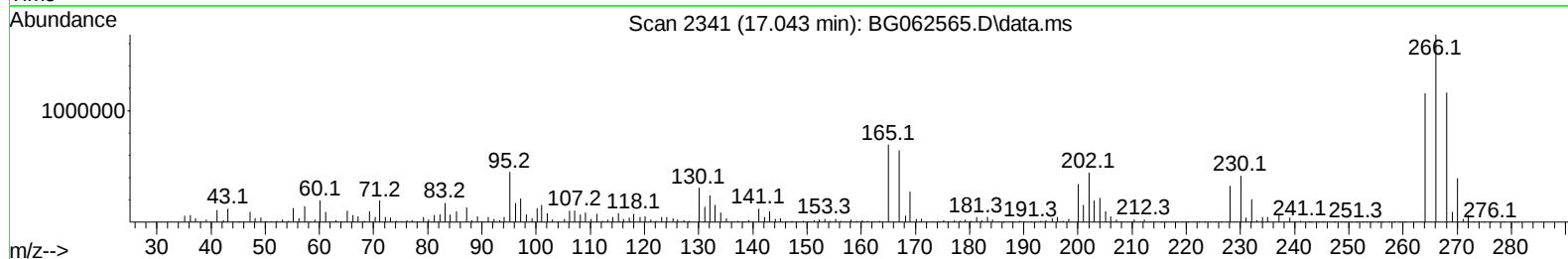
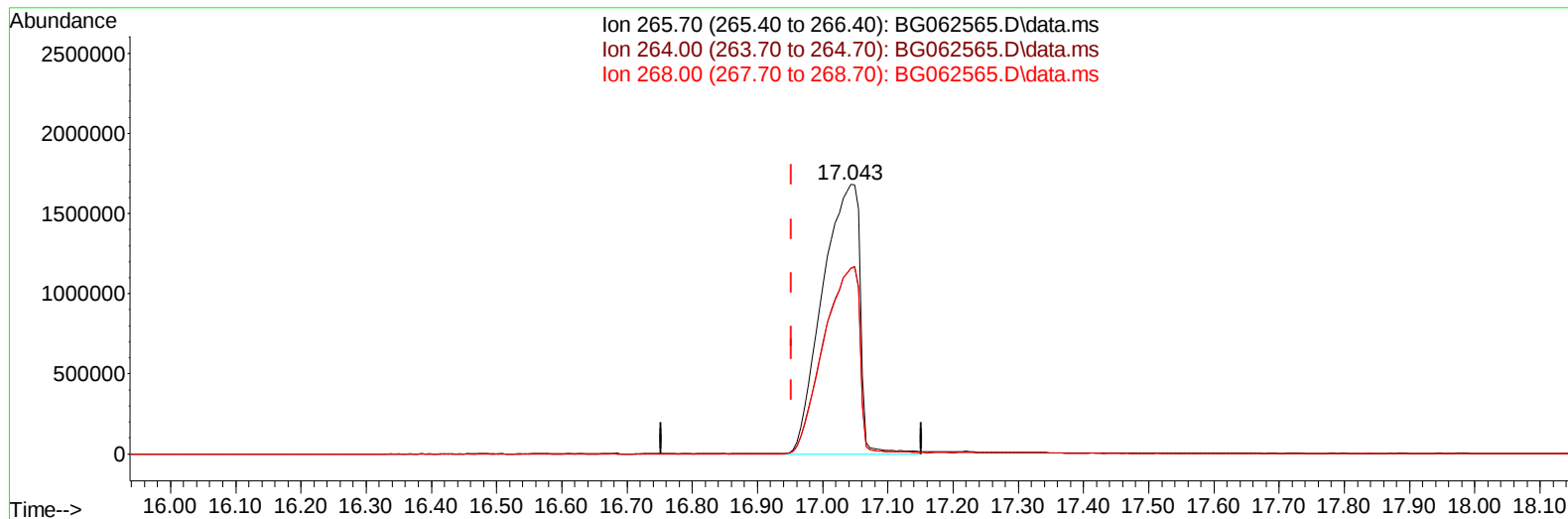
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Data File : BG062565.D
Acq On : 23 Aug 2024 13:07
Operator : MA/JU
Sample : P3696-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCN87MSD

Manual IntegrationsAPPROVED

Quant Time: Aug 23 14:16:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 23:01:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



TIC: BG062565.D\data.ms

(71) Pentachlorophenol (C)

17.043min (+ 0.091) 2631.03 ng/ul m

response 6649649

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	61.80	68.96
268.00	62.60	69.02
0.00	0.00	0.00

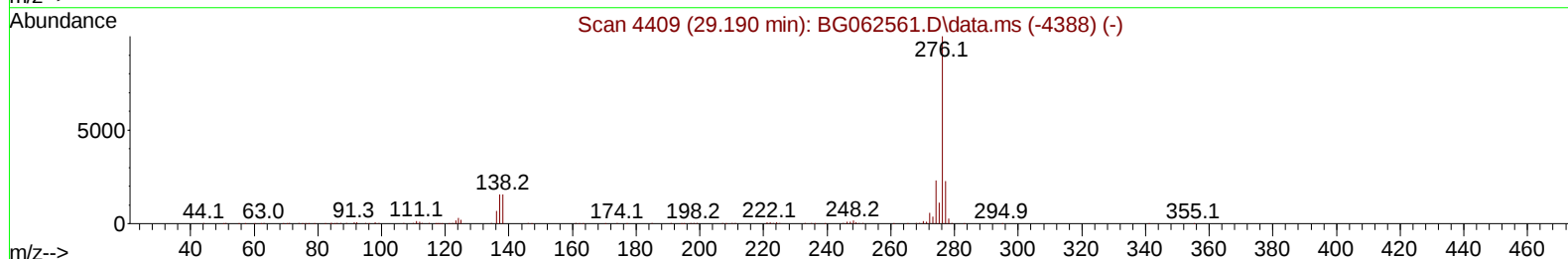
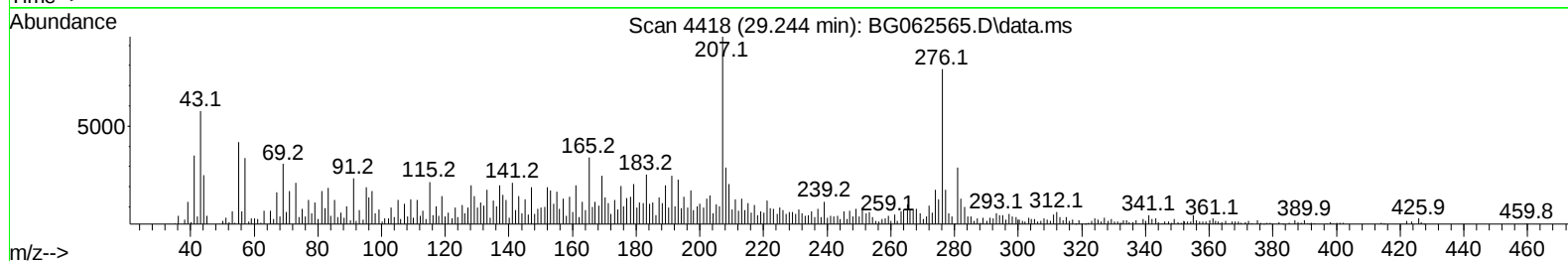
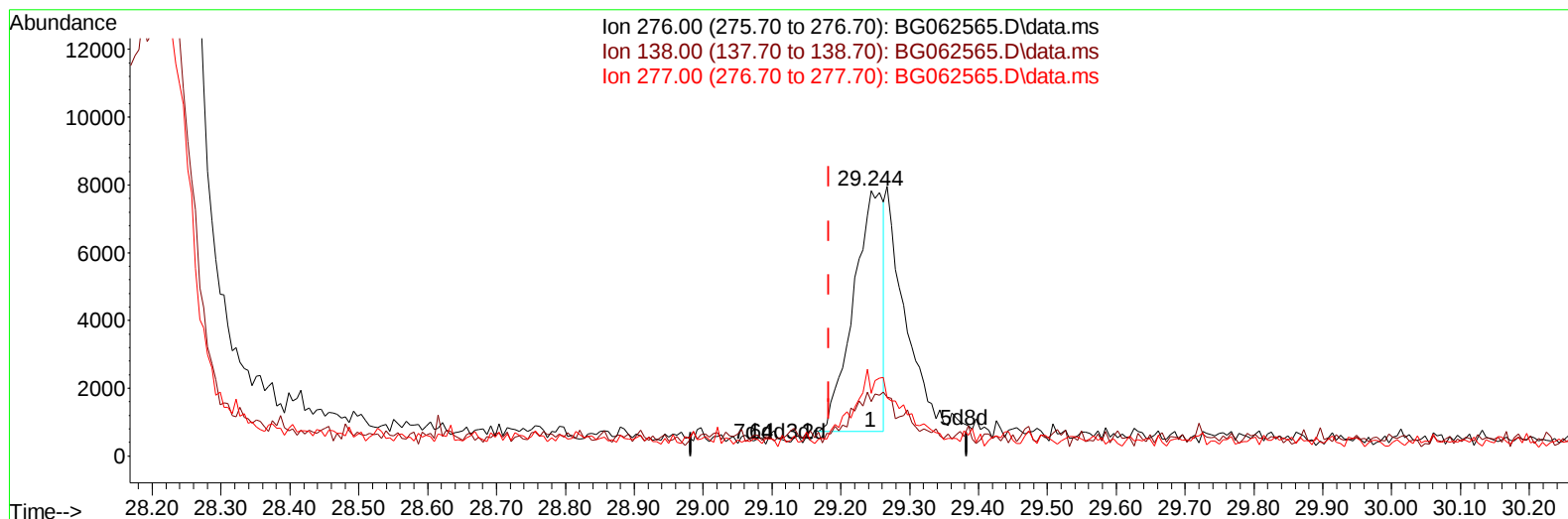
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082324\
Data File : BG062565.D
Acq On : 23 Aug 2024 13:07
Operator : MA/JU
Sample : P3696-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCN87MSD

Manual IntegrationsAPPROVED

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TIC: BG062565.D\data.ms

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

29.244min (+ 0.061) 0.92 ng/u1

response 21403

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.80	20.53#
277.00	24.40	23.64
0.00	0.00	0.00

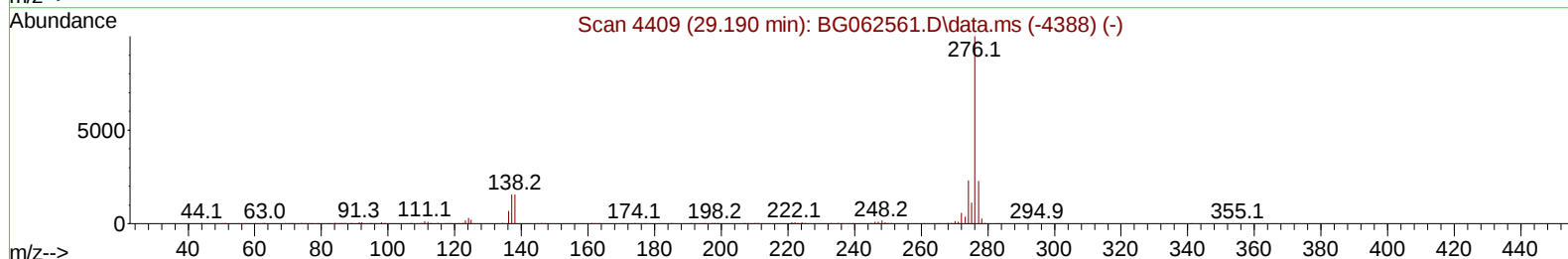
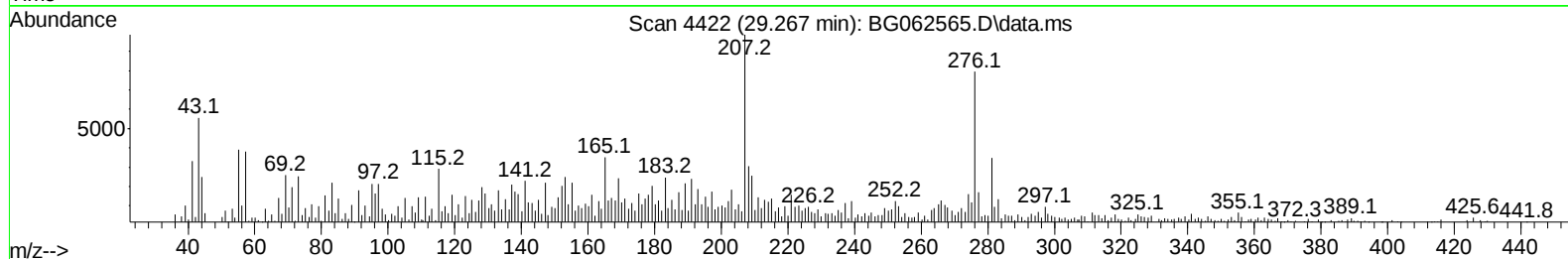
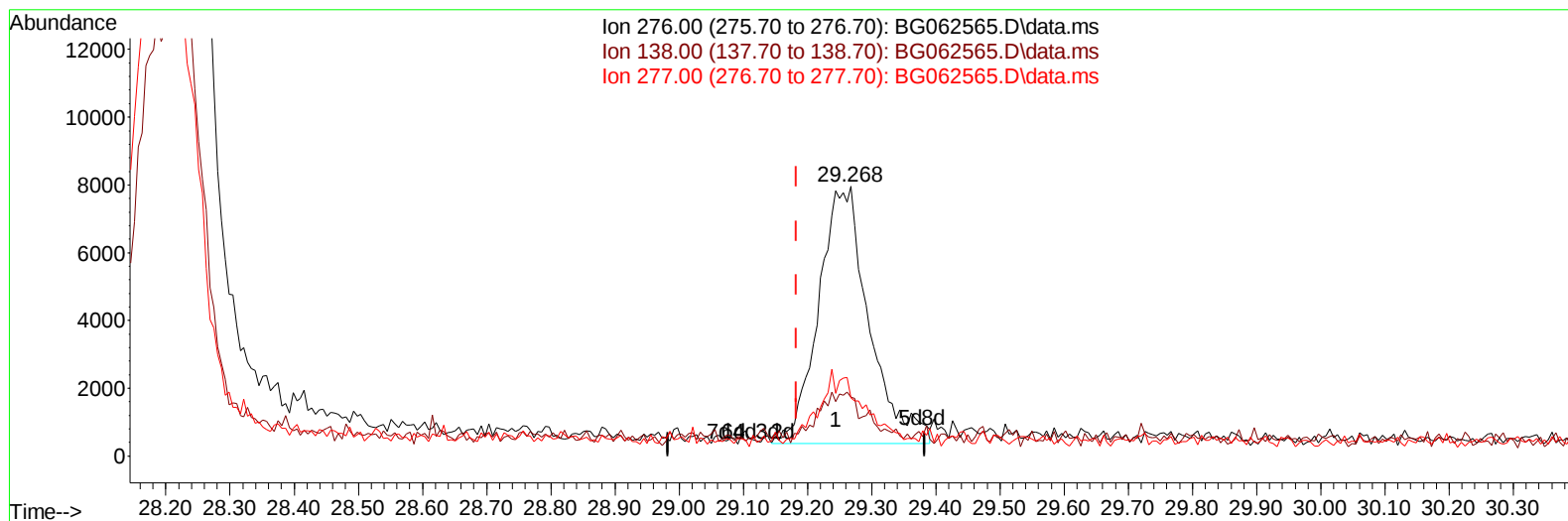
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082324\
Data File : BG062565.D
Acq On : 23 Aug 2024 13:07
Operator : MA/JU
Sample : P3696-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCN87MSD

Manual IntegrationsAPPROVED

Quant Time: Aug 23 14:16:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 23:01:24 2024
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Supervised By :mohammad ahmed 08/24/2024



TIC: BG062565.D\data.ms

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

29.267min (+ 0.085) 1.78 ng/ul m

response 41309

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.80	21.94#
277.00	24.40	21.49
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082324\
 Data File : BG062565.D
 Acq On : 23 Aug 2024 13:07
 Operator : MA/JU
 Sample : P3696-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GCN87MSD

Manual IntegrationsAPPROVED

Quant Time: Aug 23 15:40:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 20 23:01:24 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/24/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	73102	20.000	ng/ul	0.00
20) Naphthalene-d8	10.734	136	333796	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.570	164	200300	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.342	188	331239	20.000	ng/ul	# 0.04
79) Chrysene-d12	21.566	240	352314	20.000	ng/ul	0.02
88) Perylene-d12	24.662	264	417389	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.403	96	4108	2.134	ng/uL	0.00
4) Pyridine-d5	3.814	84	5149	0.878	ng/ul	0.00
7) Phenol-d5	7.103	99	110527	15.198	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.268	67	65062	14.203	ng/ul	0.00
11) 2-Chlorophenol-d4	7.473	132	84671	17.044	ng/ul	0.00
15) 4-Methylphenol-d8	8.643	113	96748	15.871	ng/ul	0.00
21) Nitrobenzene-d5	9.095	128	45048	21.044	ng/ul	0.00
24) 2-Nitrophenol-d4	9.812	143	50219	23.583	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	104453	19.258	ng/ul	0.00
31) 4-Chloroaniline-d4	10.863	131	58110	6.756	ng/ul	0.00
46) Dimethylphthalate-d6	13.971	166	267283	17.155	ng/ul	0.00
49) Acenaphthylene-d8	14.264	160	310614	18.006	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	45129	18.157	ng/ul	0.03
60) Fluorene-d10	15.568	176	230014	16.368	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.692	200	41446	27.539	ng/ul	0.03
73) Anthracene-d10	17.442	188	297831	18.717	ng/ul	0.04
81) Pyrene-d10	19.716	212	282624	13.698	ng/ul	0.03
92) Benzo(a)pyrene-d12	24.445	264	243688	11.001	ng/ul	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.438	88	10485	5.102	ng/uL	94
5) Pyridine	3.837	79	18036	2.922	ng/ul#	91
6) Benzaldehyde	7.080	77	64902	17.216	ng/ul	97
8) Phenol	7.133	94	118544	15.535	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.362	93	81496	14.433	ng/ul	99
12) 2-Chlorophenol	7.503	128	84996	16.541	ng/ul	98
13) 2-Methylphenol	8.378	108	91225	15.887	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.460	45	176710	15.162	ng/ul	98
16) Acetophenone	8.754	105	157014	15.724	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.742	70	75830	14.391	ng/ul	97
18) 4-Methylphenol	8.707	108	100115	15.221	ng/ul	100
19) Hexachloroethane	9.018	117	26772	13.094	ng/ul	97
22) Nitrobenzene	9.136	77	110716	18.311	ng/ul	99
23) Isophorone	9.659	82	221984	15.545	ng/ul	98
25) 2-Nitrophenol	9.841	139	53614	22.536	ng/ul	98
26) 2,4-Dimethylphenol	9.905	107	104508	16.109	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.140	93	126398	15.913	ng/ul	99
29) 2,4-Dichlorophenol	10.381	162	101670	18.254	ng/ul	97
30) Naphthalene	10.781	128	320365	16.548	ng/ul	99
32) 4-Chloroaniline	10.887	127	53680	6.419	ng/ul	98
33) Hexachlorobutadiene	11.074	225	75028	17.721	ng/ul	99
34) Caprolactam	11.650	113	30627	13.634	ng/ul#	39
35) 4-Chloro-3-methylphenol	12.014	107	106551	16.349	ng/ul	99

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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 08/24/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.390	142	312055	22.825	ng/ul	95
37) 1-Methylnaphthalene	12.614	142	299877	21.498	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.760	216	130239	19.471	ng/ul	98
40) Hexachlorocyclopentadiene	12.743	237	54573	15.917	ng/ul	96
41) 2,4,6-Trichlorophenol	13.001	196	83120	21.603	ng/ul	99
42) 2,4,5-Trichlorophenol	13.072	196	89311	22.109	ng/ul	97
43) 1,1'-Biphenyl	13.401	154	273418	18.018	ng/ul	99
44) 2-Chloronaphthalene	13.442	162	222635	18.960	ng/ul	98
45) 2-Nitroaniline	13.642	65	81040	26.646	ng/ul	92
47) Dimethylphthalate	14.018	163	269600	17.068	ng/ul#	96
48) 2,6-Dinitrotoluene	14.141	165	58371m	25.874	ng/ul	
50) Acenaphthylene	14.294	152	335819	18.182	ng/ul	93
51) 3-Nitroaniline	14.464	138	31805	12.373	ng/ul#	89
52) Acenaphthene	14.634	153	257125	18.601	ng/ul	99
53) 2,4-Dinitrophenol	14.681	184	32094	22.553	ng/ul#	62
55) 4-Nitrophenol	14.781	109	57146	26.786	ng/ul#	52
56) Dibenzofuran	14.975	168	334875	17.222	ng/ul#	83
57) 2,4-Dinitrotoluene	14.934	165	63745	18.562	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.210	232	305949	78.772	ng/ul#	89
59) Diethylphthalate	15.392	149	240941	15.284	ng/ul	96
61) Fluorene	15.627	166	270160	17.627	ng/ul#	95
62) 4-Chlorophenyl-phenyle...	15.615	204	116602	14.805	ng/ul#	78
63) 4-Nitroaniline	15.633	138	38614	14.372	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.704	198	45463	26.810	ng/ul#	1
67) N-Nitrosodiphenylamine	15.839	169	568422	59.196	ng/ul#	54
68) 4-Bromophenyl-phenylether	16.514	248	69523	18.702	ng/ul#	52
69) Hexachlorobenzene	16.649	284	55080	12.718	ng/ul#	66
70) Atrazine	16.831	200	49052m	12.251	ng/ul	
71) Pentachlorophenol	17.043	266	6649649m	2631.029	ng/ul	
72) Phenanthrene	17.384	178	552166	29.666	ng/ul#	93
74) Anthracene	17.472	178	365208	19.155	ng/ul#	92
75) 1,2,3,4-Tetrachloroben...	13.366	216	116406	24.584	ng/ul	97
76) Pentachlorobenzene	14.899	250	96400	19.408	ng/ul	98
77) Carbazole	17.736	167	228997	14.298	ng/ul#	80
78) Di-n-butylphthalate	18.294	149	365746	19.090	ng/ul#	91
80) Fluoranthene	19.381	202	584940	25.376	ng/ul#	94
82) Pyrene	19.745	202	1125027	45.283	ng/ul	98
83) Butylbenzylphthalate	20.620	149	176919	21.141	ng/ul	92
85) Benzo(a)anthracene	21.549	228	531635	20.790	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.460	149	270376	22.113	ng/ul	99
87) Chrysene	21.613	228	738462	30.461	ng/ul	96
89) Di-n-octyl phthalate	22.629	149	473302	21.262	ng/ul	100
90) Benzo(b)fluoranthene	23.681	252	472999	18.759	ng/ul	97
91) Benzo(k)fluoranthene	23.746	252	453912	17.835	ng/ul#	97
93) Benzo(a)pyrene	24.509	252	196240	8.256	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.187	276	388117	12.846	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.234	278	462895	18.902	ng/ul#	96
96) Benzo(g,h,i)perylene	29.267	276	41309m	1.778	ng/ul	

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

