

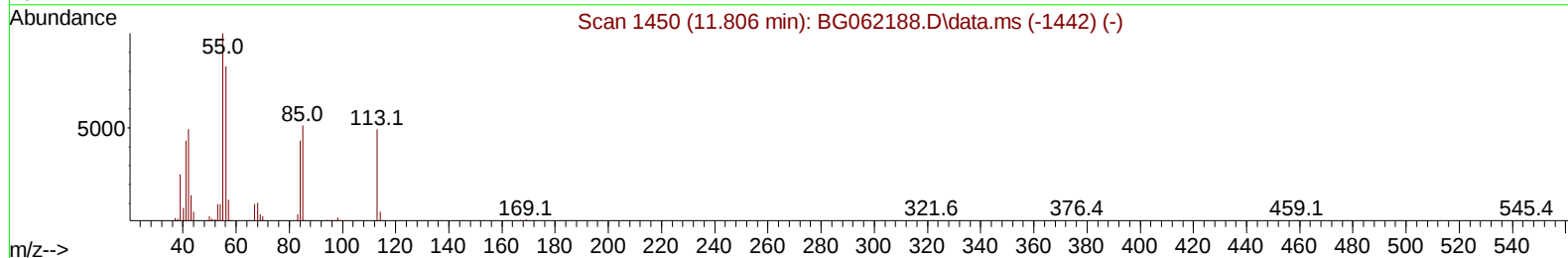
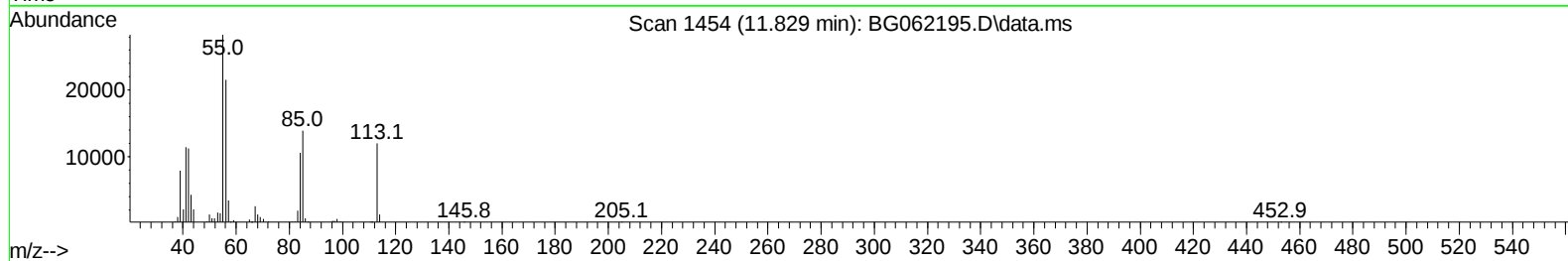
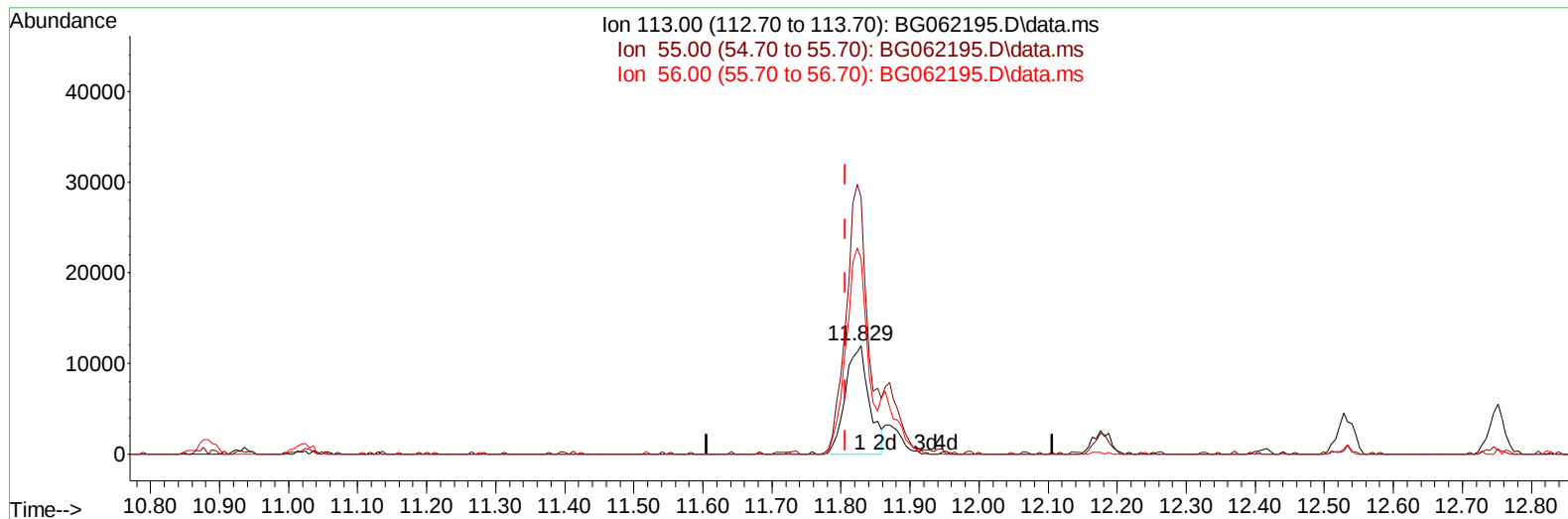
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062195.D
Acq On : 23 Jul 2024 21:20
Operator : MA/JU
Sample : PB162089BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS089

Manual IntegrationsAPPROVED

Quant Time: Jul 23 23:02:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BG062195.D\data.ms

(34) Caprolactam

11.829min (+ 0.023) 24.94 ng/ul

response 28408

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.00	236.59
56.00	175.40	180.01
0.00	0.00	0.00

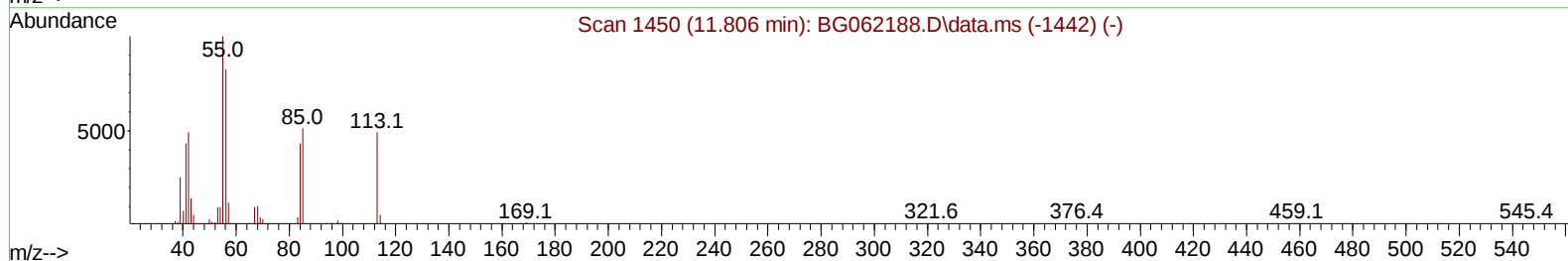
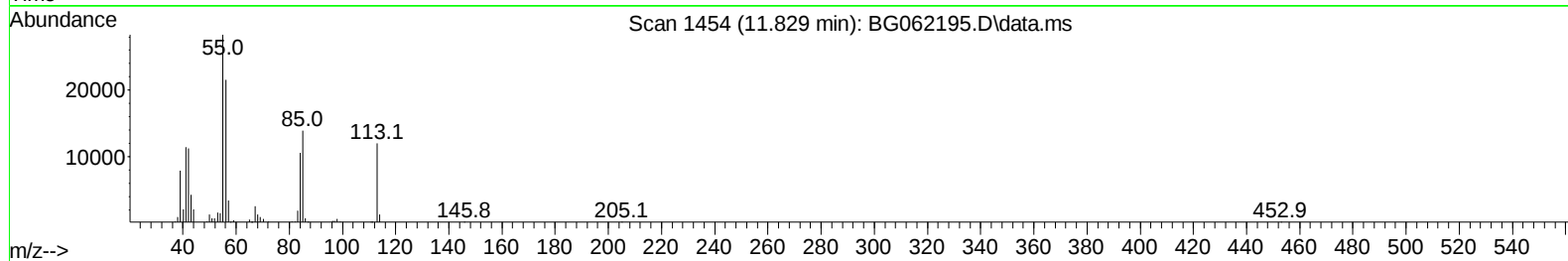
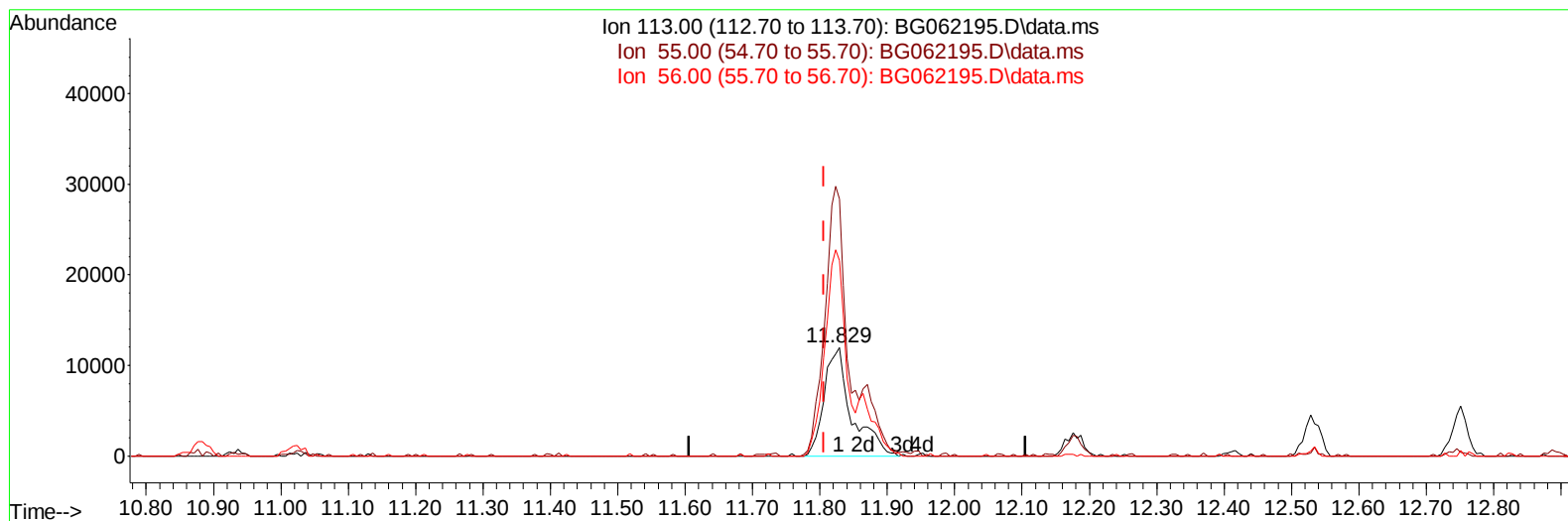
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
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TIC: BG062195.D\data.ms

(34) Caprolactam

11.829min (+ 0.023) 29.84 ng/ul m

response 33984

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.00	236.59
56.00	175.40	180.01
0.00	0.00	0.00

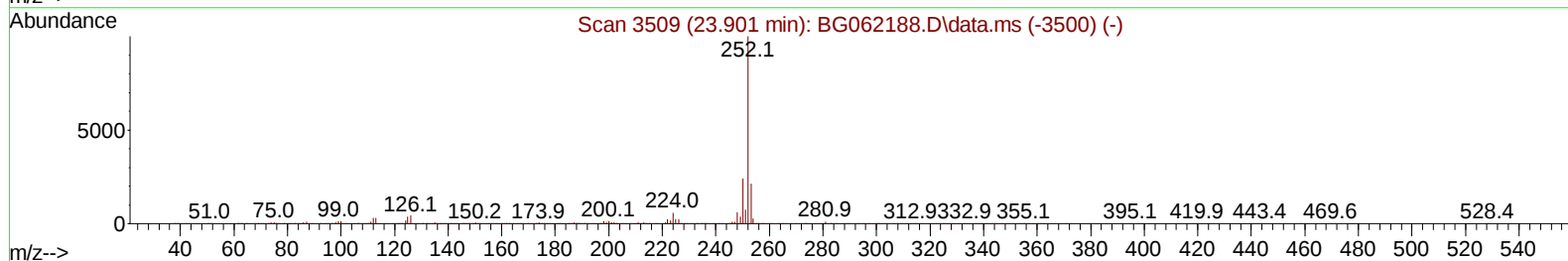
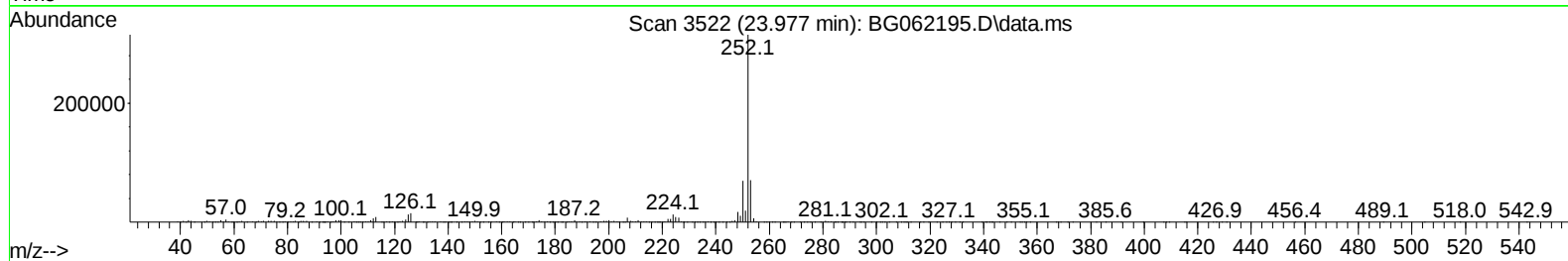
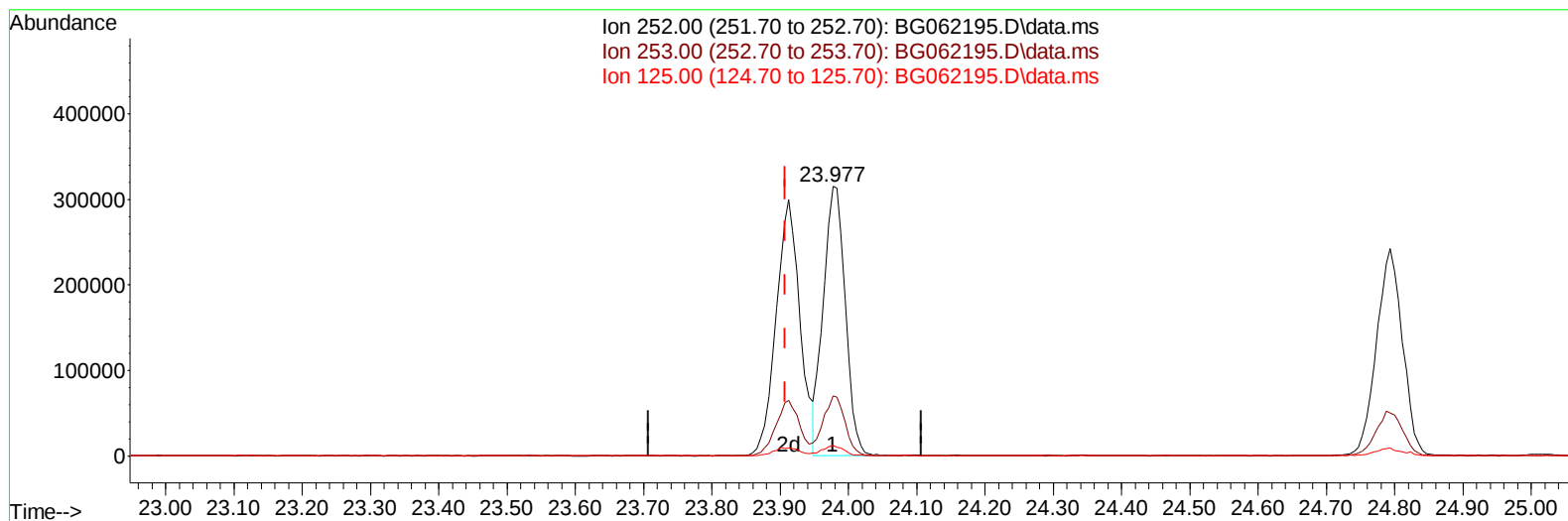
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Data File : BG062195.D
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Sample : PB162089BS
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TIC: BG062195.D\data.ms

(90) Benzo(b)fluoranthene

23.977min (+ 0.070) 33.10 ng/u1

response 704308

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	22.27
125.00	4.20	4.01
0.00	0.00	0.00

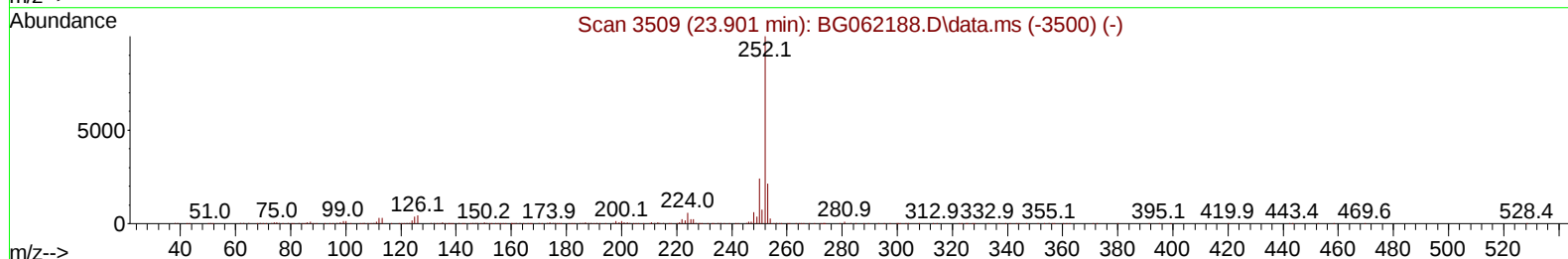
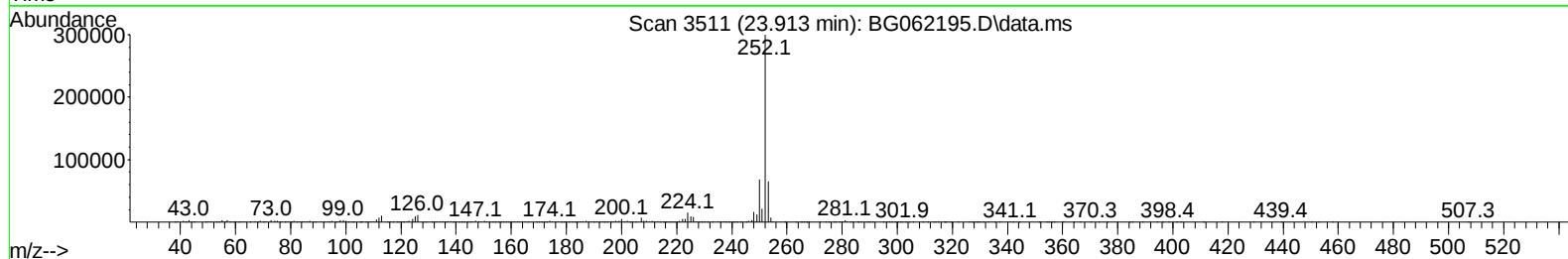
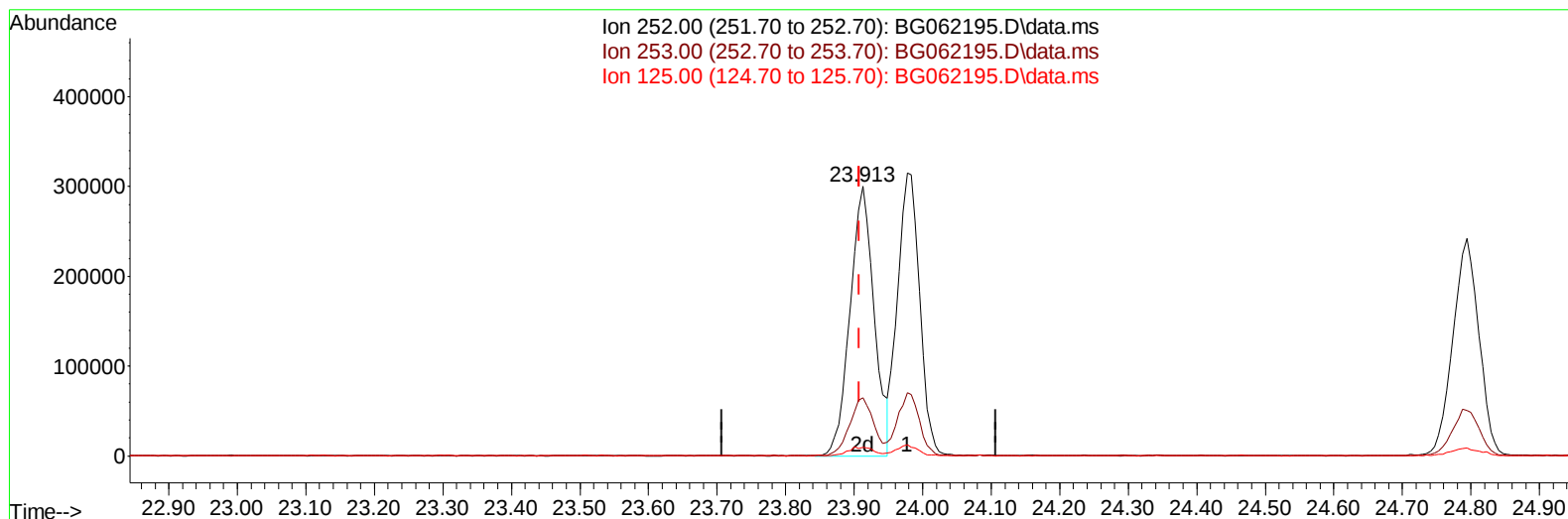
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
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TIC: BG062195.D\data.ms

(90) Benzo(b)fluoranthene

23.913min (+ 0.005) 34.53 ng/ul m

response 734651

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	21.62
125.00	4.20	3.15#
0.00	0.00	0.00

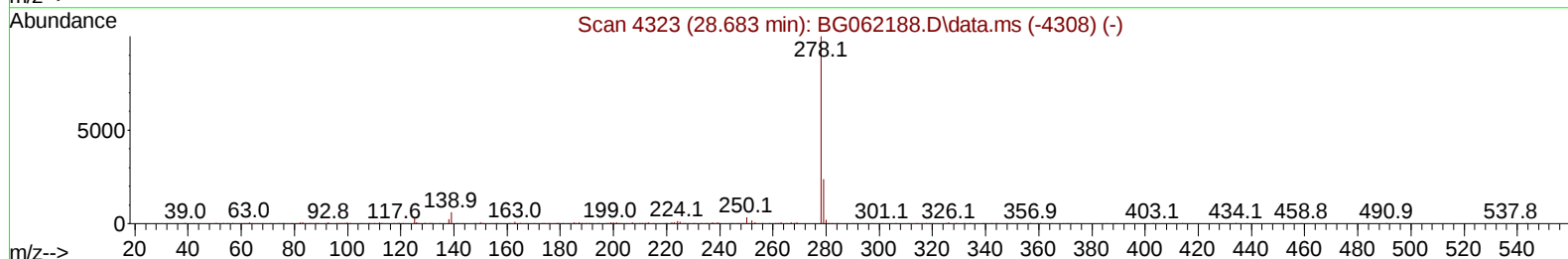
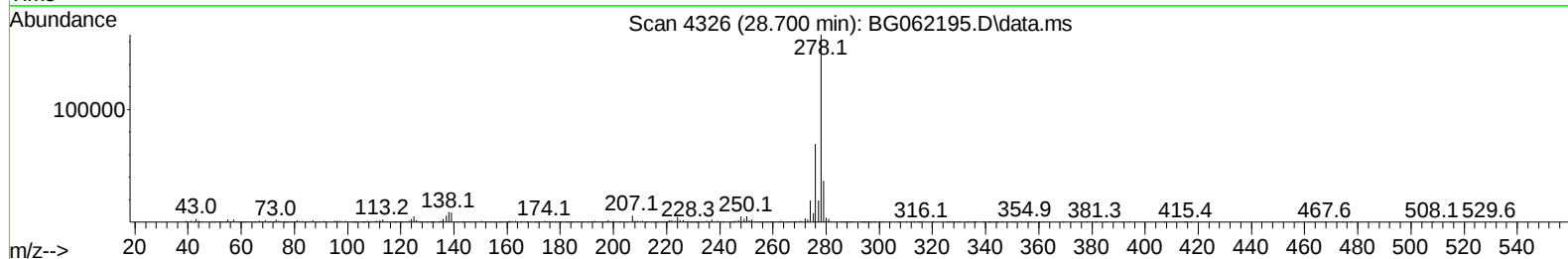
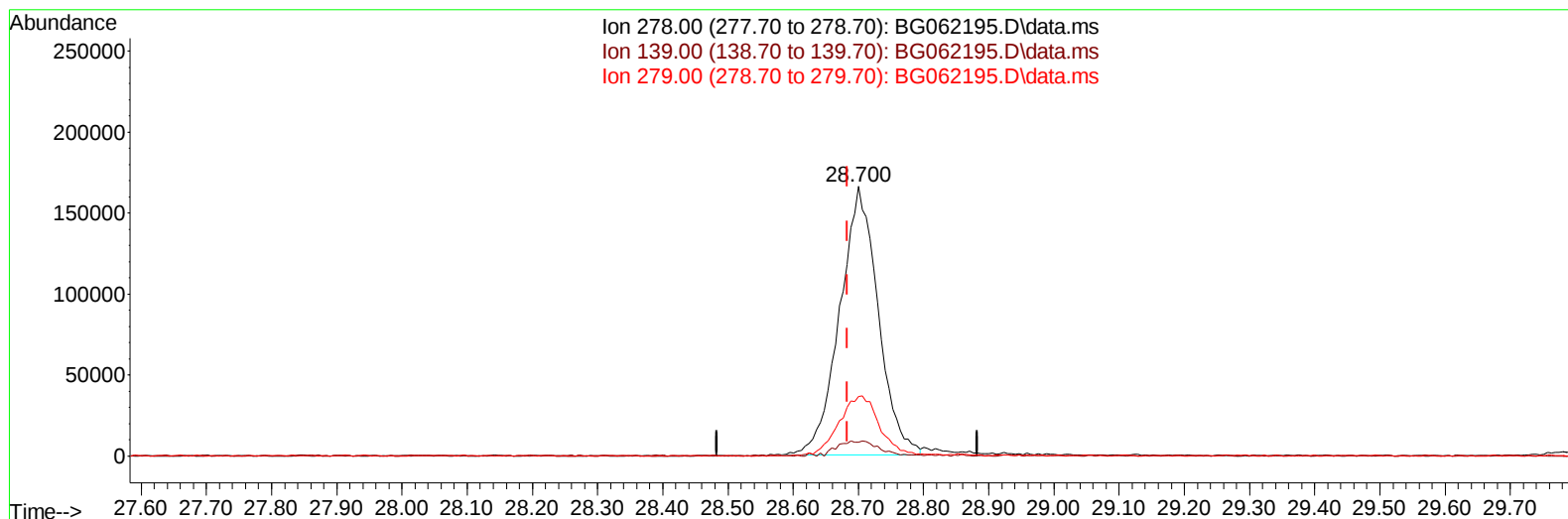
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062195.D
Acq On : 23 Jul 2024 21:20
Operator : MA/JU
Sample : PB162089BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG062195.D\data.ms

(95) Dibenzo(a,h)anthracene

28.700min (+ 0.017) 35.79 ng/u1

response 679501

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	5.90	5.15
279.00	23.60	21.98
0.00	0.00	0.00

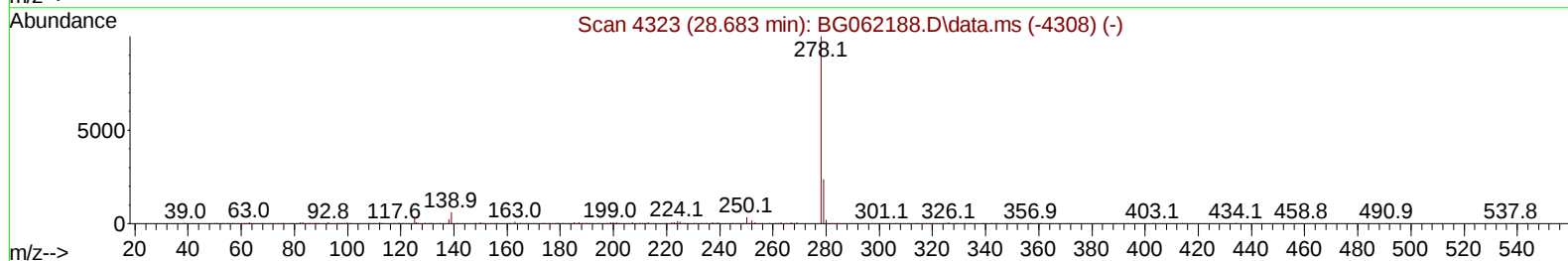
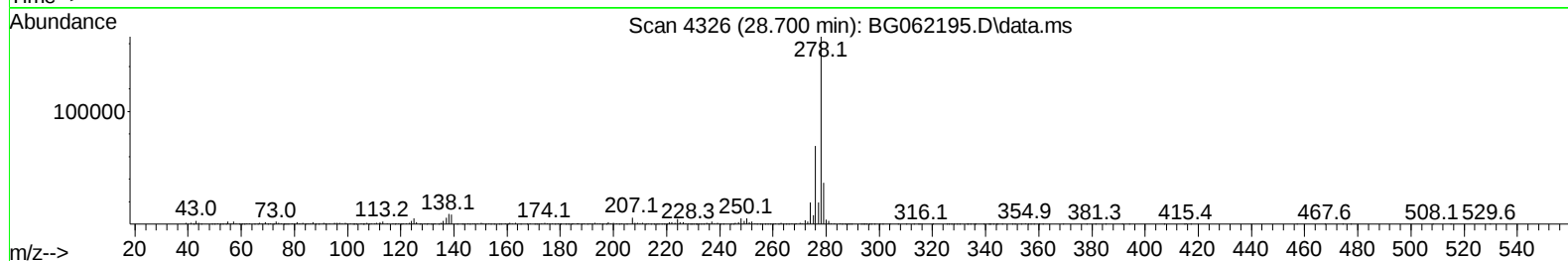
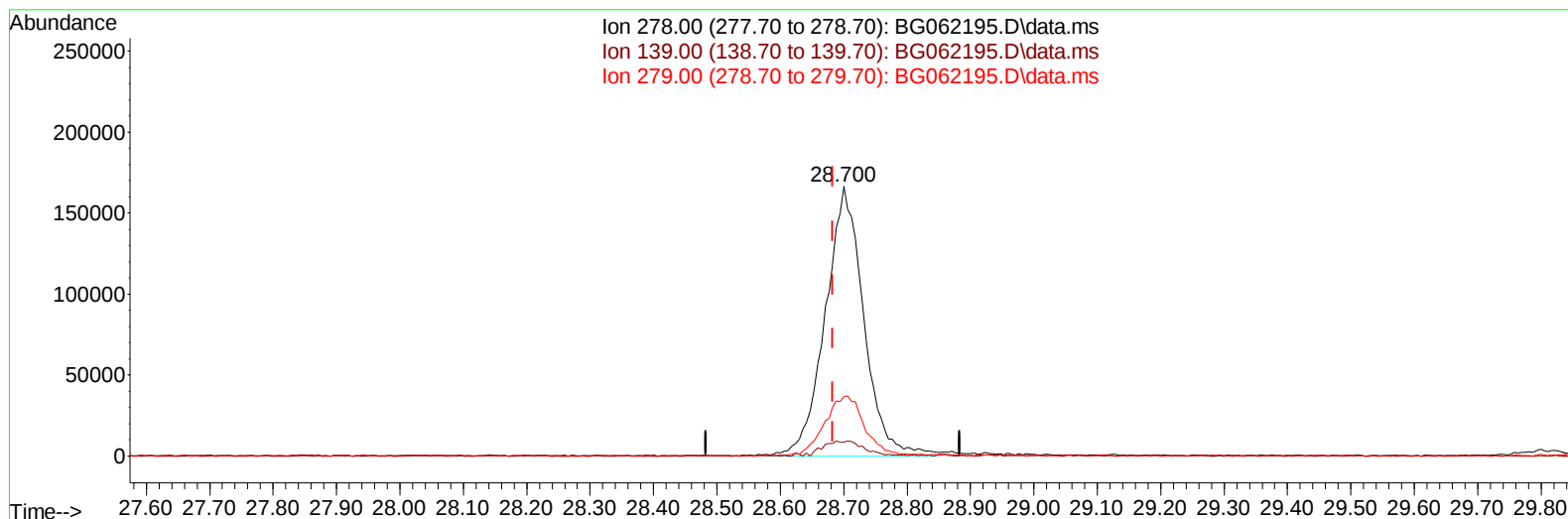
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062195.D
 Acq On : 23 Jul 2024 21:20
 Operator : MA/JU
 Sample : PB162089BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS089

Manual IntegrationsAPPROVED

Quant Time: Jul 23 23:02:34 2024
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TIC: BG062195.D\data.ms

(95) Dibenzo(a,h)anthracene

28.700min (+ 0.017) 36.88 ng/ul m

response 700259

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	5.90	5.15
279.00	23.60	21.98
0.00	0.00	0.00

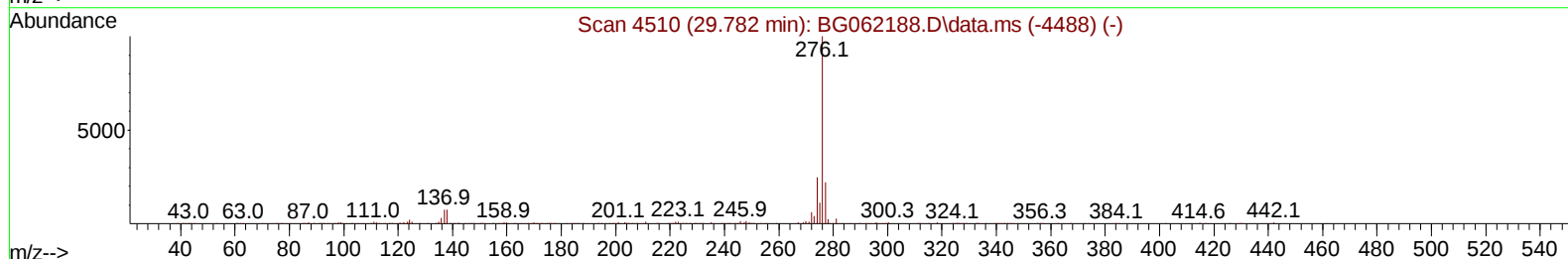
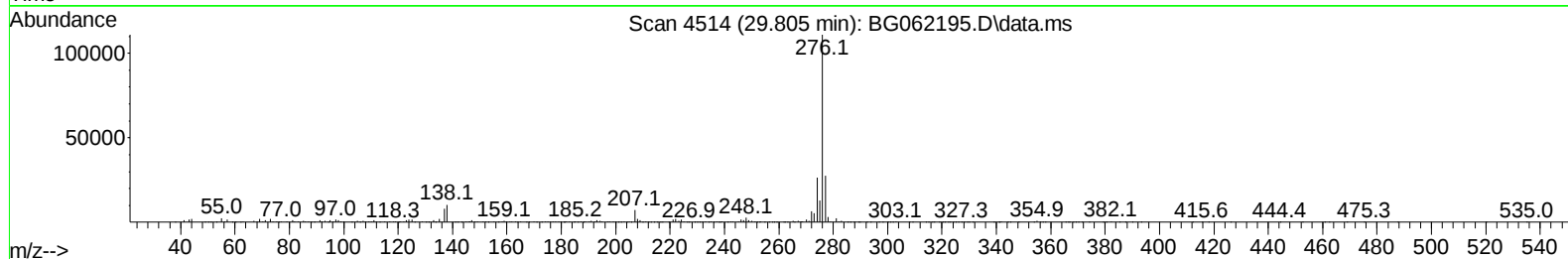
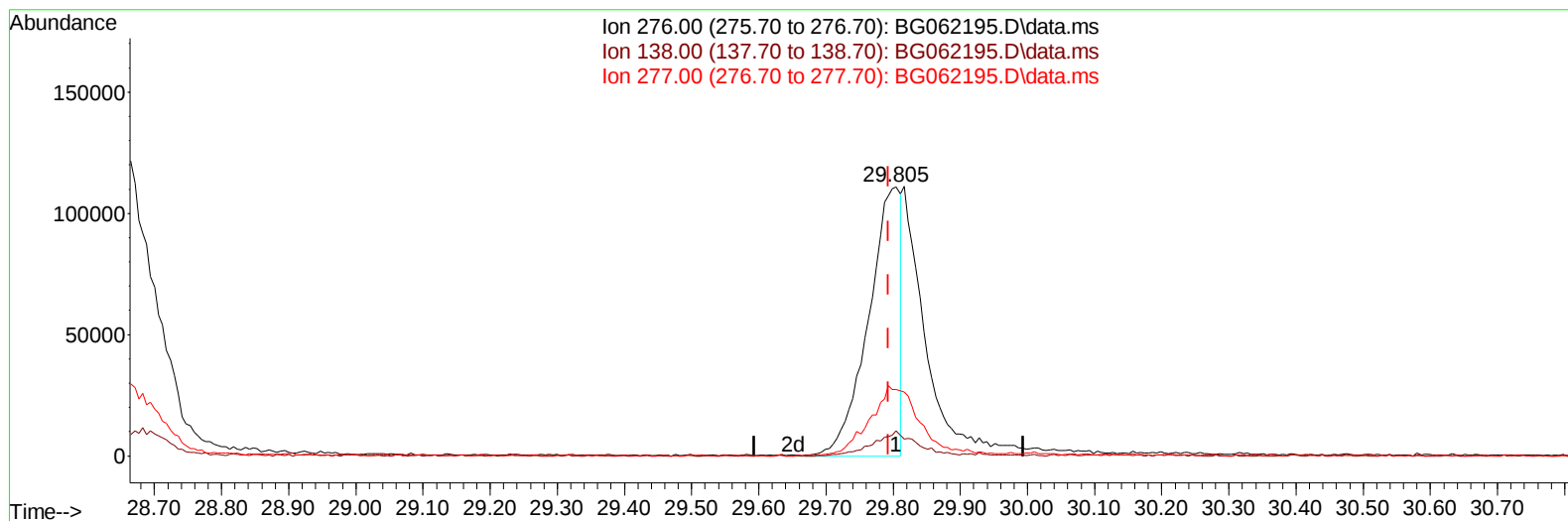
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Operator : MA/JU
Sample : PB162089BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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TIC: BG062195.D\data.ms

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

29.805min (+ 0.011) 20.04 ng/u1

response 367385

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.80	9.31
277.00	22.40	24.82
0.00	0.00	0.00

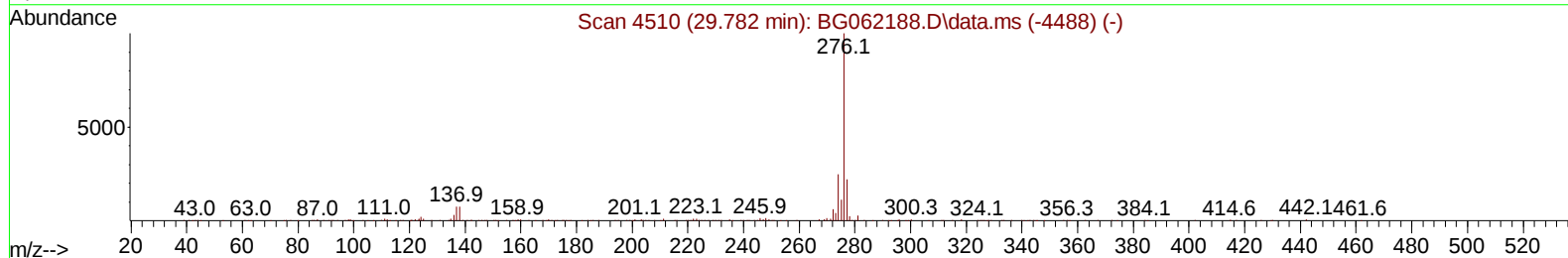
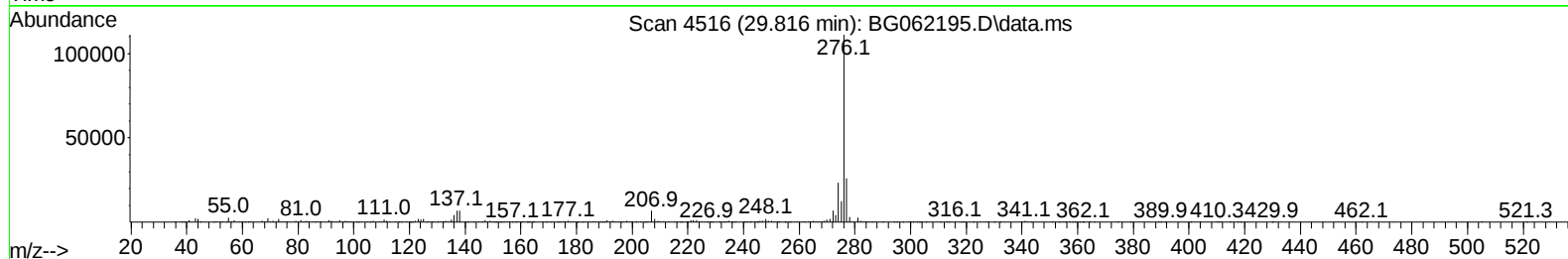
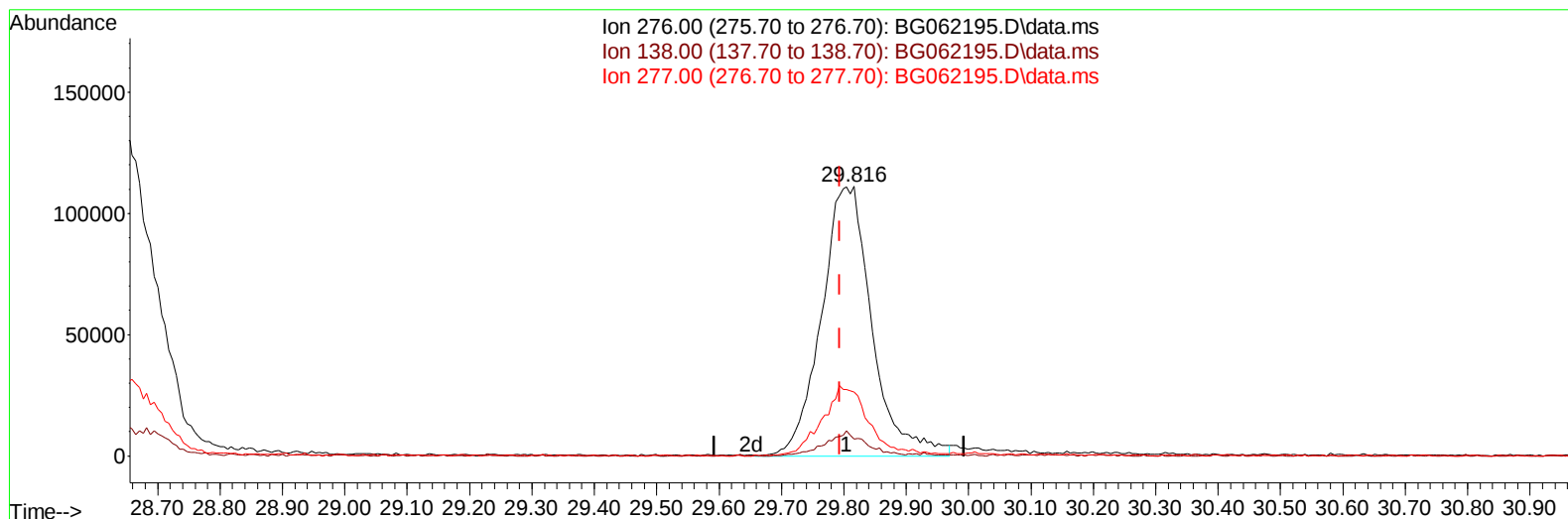
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062195.D
Acq On : 23 Jul 2024 21:20
Operator : MA/JU
Sample : PB162089BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS089

Manual IntegrationsAPPROVED

Quant Time: Jul 23 23:02:34 2024
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TIC: BG062195.D\data.ms

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

29.816min (+ 0.023) 34.18 ng/ul m

response 626596

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.80	6.35#
277.00	22.40	23.63
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062195.D
 Acq On : 23 Jul 2024 21:20
 Operator : MA/JU
 Sample : PB162089BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS089

Manual IntegrationsAPPROVED

Quant Time: Jul 23 23:27:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	41002	20.000	ng/ul	0.00
20) Naphthalene-d8	10.883	136	174909	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.696	164	143554	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	357748	20.000	ng/ul	0.00
79) Chrysene-d12	21.710	240	320380	20.000	ng/ul	# 0.00
88) Perylene-d12	24.941	264	344413	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	5006	5.700	ng/uL	0.00
4) Pyridine-d5	3.881	84	80712	25.295	ng/ul	0.00
7) Phenol-d5	7.247	99	125832	31.173	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.388	67	70448	30.375	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	77458	30.449	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	91968	29.916	ng/ul	0.00
21) Nitrobenzene-d5	9.238	128	42980	30.843	ng/ul	0.00
24) 2-Nitrophenol-d4	9.961	143	52297	31.180	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.507	165	120001	34.177	ng/ul	0.00
31) 4-Chloroaniline-d4	11.024	131	115405	27.323	ng/ul	0.00
46) Dimethylphthalate-d6	14.097	166	375021	30.821	ng/ul	0.00
49) Acenaphthylene-d8	14.396	160	403180	32.678	ng/ul	0.00
54) 4-Nitrophenol-d4	14.931	143	43806	29.875	ng/ul	0.01
60) Fluorene-d10	15.688	176	330141	31.867	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.812	200	70974	31.218	ng/ul	0.00
73) Anthracene-d10	17.545	188	519807	31.105	ng/ul	0.00
81) Pyrene-d10	19.824	212	639133	35.184	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.723	264	604226	35.095	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.493	88	9543	8.289	ng/ul#	89
5) Pyridine	3.899	79	79980	24.495	ng/ul	89
6) Benzaldehyde	7.206	77	65338	30.831	ng/ul	92
8) Phenol	7.276	94	125643	31.548	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.482	93	81300	29.637	ng/ul#	88
12) 2-Chlorophenol	7.635	128	80560	31.192	ng/ul	88
13) 2-Methylphenol	8.528	108	96082	32.198	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.592	45	144720	29.811	ng/ul	98
16) Acetophenone	8.898	105	162549	30.286	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.874	70	88852	28.932	ng/ul	92
18) 4-Methylphenol	8.857	108	109338	33.228	ng/ul	93
19) Hexachloroethane	9.150	117	37110	32.096	ng/ul#	84
22) Nitrobenzene	9.280	77	136376	30.263	ng/ul	92
23) Isophorone	9.802	82	260135	28.456	ng/ul	98
25) 2-Nitrophenol	9.996	139	54189	30.550	ng/ul#	87
26) 2,4-Dimethylphenol	10.055	107	95981	22.549	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.278	93	121970	28.671	ng/ul#	94
29) 2,4-Dichlorophenol	10.537	162	112695	33.786	ng/ul#	85
30) Naphthalene	10.930	128	304278	32.248	ng/ul	99
32) 4-Chloroaniline	11.048	127	107411	27.054	ng/ul	93
33) Hexachlorobutadiene	11.200	225	107624	33.957	ng/ul	99
34) Caprolactam	11.829	113	33984m	29.838	ng/ul	
35) 4-Chloro-3-methylphenol	12.181	107	132306	33.079	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.534	142	228482	32.076	ng/ul	89
37) 1-Methylnaphthalene	12.751	142	230136	31.333	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.892	216	204150	35.266	ng/ul#	98
40) Hexachlorocyclopentadiene	12.863	237	33482	11.793	ng/ul	98
41) 2,4,6-Trichlorophenol	13.145	196	108663	33.465	ng/ul	91
42) 2,4,5-Trichlorophenol	13.227	196	117119	33.136	ng/ul	96
43) 1,1'-Biphenyl	13.533	154	339411	33.402	ng/ul	96
44) 2-Chloronaphthalene	13.580	162	281931	33.745	ng/ul	95
45) 2-Nitroaniline	13.791	65	106293	34.523	ng/ul	87
47) Dimethylphthalate	14.144	163	358207	30.917	ng/ul	98
48) 2,6-Dinitrotoluene	14.279	165	75850	31.968	ng/ul	95
50) Acenaphthylene	14.425	152	441715	32.840	ng/ul	99
51) 3-Nitroaniline	14.613	138	69419	36.218	ng/ul	90
52) Acenaphthene	14.760	153	285201	31.944	ng/ul	99
53) 2,4-Dinitrophenol	14.819	184	31105	24.489	ng/ul#	73
55) 4-Nitrophenol	14.948	109	69617	31.020	ng/ul	89
56) Dibenzofuran	15.095	168	444025	33.027	ng/ul	97
57) 2,4-Dinitrotoluene	15.066	165	115628	31.759	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.330	232	87189	28.037	ng/ul	93
59) Diethylphthalate	15.500	149	341676	29.827	ng/ul	99
61) Fluorene	15.747	166	365707	31.722	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.730	204	225185	31.542	ng/ul	95
63) 4-Nitroaniline	15.777	138	73332	35.753	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.829	198	70106	32.844	ng/ul	94
67) N-Nitrosodiphenylamine	15.947	169	307927	35.187	ng/ul	99
68) 4-Bromophenyl-phenylether	16.622	248	148687	35.691	ng/ul	97
69) Hexachlorobenzene	16.746	284	152244	34.438	ng/ul	97
70) Atrazine	16.887	200	15766	3.575	ng/ul	98
71) Pentachlorophenol	17.098	266	34650	21.255	ng/ul	99
72) Phenanthrene	17.486	178	570775	33.155	ng/ul	98
74) Anthracene	17.574	178	559638	31.577	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.497	216	204392	39.888	ng/ul	96
76) Pentachlorobenzene	15.013	250	188596	37.189	ng/ul	99
77) Carbazole	17.850	167	490020	32.518	ng/ul	99
78) Di-n-butylphthalate	18.385	149	544399	31.512	ng/ul	98
80) Fluoranthene	19.489	202	751461	36.061	ng/ul#	98
82) Pyrene	19.853	202	765176	35.315	ng/ul	99
83) Butylbenzylphthalate	20.723	149	227182	35.335	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.598	252	250601	36.040	ng/ul	96
85) Benzo(a)anthracene	21.686	228	772584	34.356	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.569	149	315159	34.194	ng/ul	93
87) Chrysene	21.757	228	713086	34.492	ng/ul	99
89) Di-n-octyl phthalate	22.779	149	539821	34.070	ng/ul	100
90) Benzo(b)fluoranthene	23.913	252	734651m	34.525	ng/ul	
91) Benzo(k)fluoranthene	23.977	252	704482	33.167	ng/ul	99
93) Benzo(a)pyrene	24.794	252	640122	32.122	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.642	276	818409	35.745	ng/ul	97
95) Dibenzo(a,h)anthracene	28.700	278	700259m	36.885	ng/ul	
96) Benzo(g,h,i)perylene	29.816	276	626596m	34.185	ng/ul	

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

Instrument :

BNA_G

ClientSampleId :

SLCS089

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

