

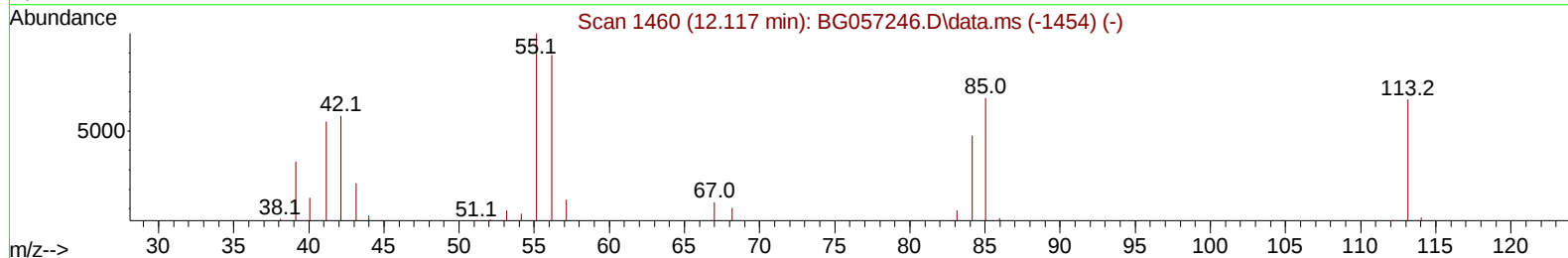
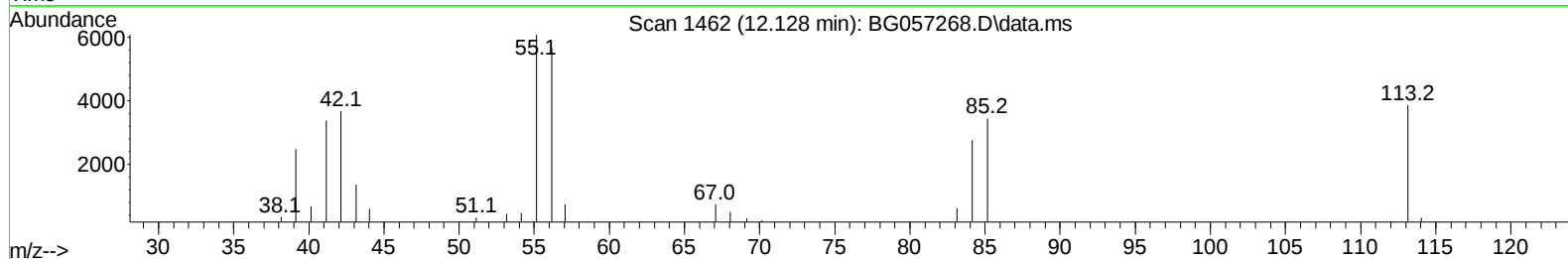
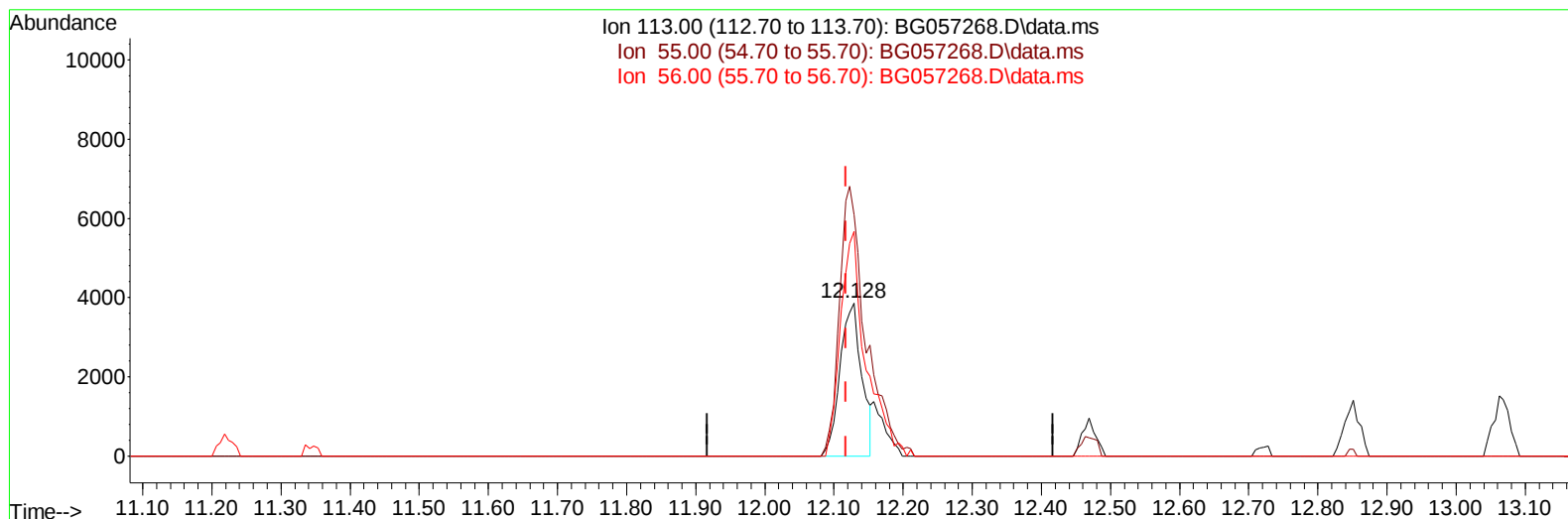
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057268.D
Acq On : 2 May 2023 3:27
Operator : CG/JU
Sample : PB152374BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS374

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

Quant Time: May 02 04:24:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration



TIC: BG057268.D\data.ms

(34) Caprolactam

12.128min (+ 0.011) 22.78 ng/ul

response 8412

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.90	157.58
56.00	123.40	146.79
0.00	0.00	0.00

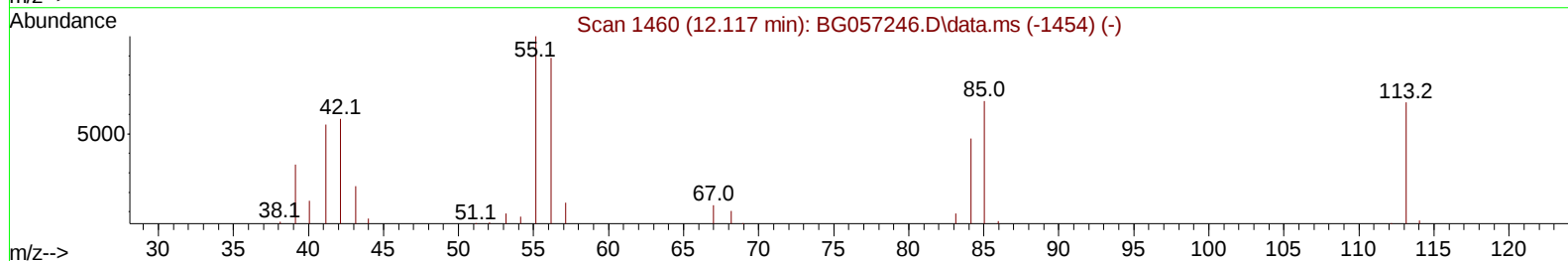
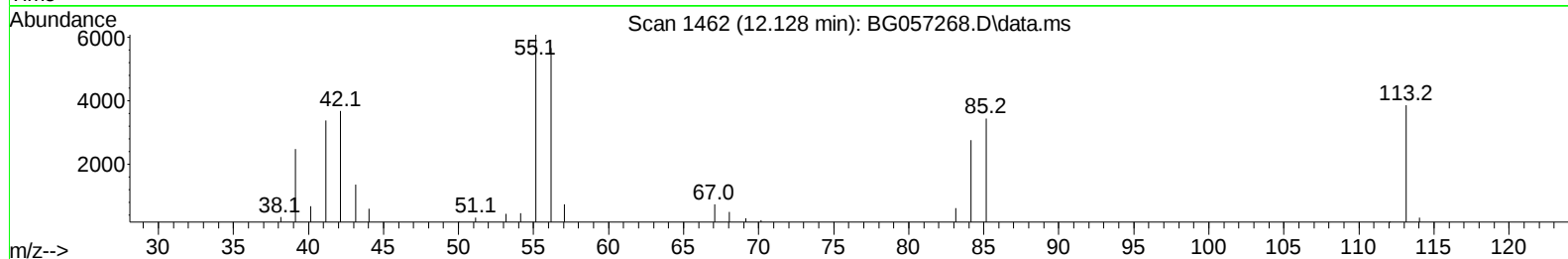
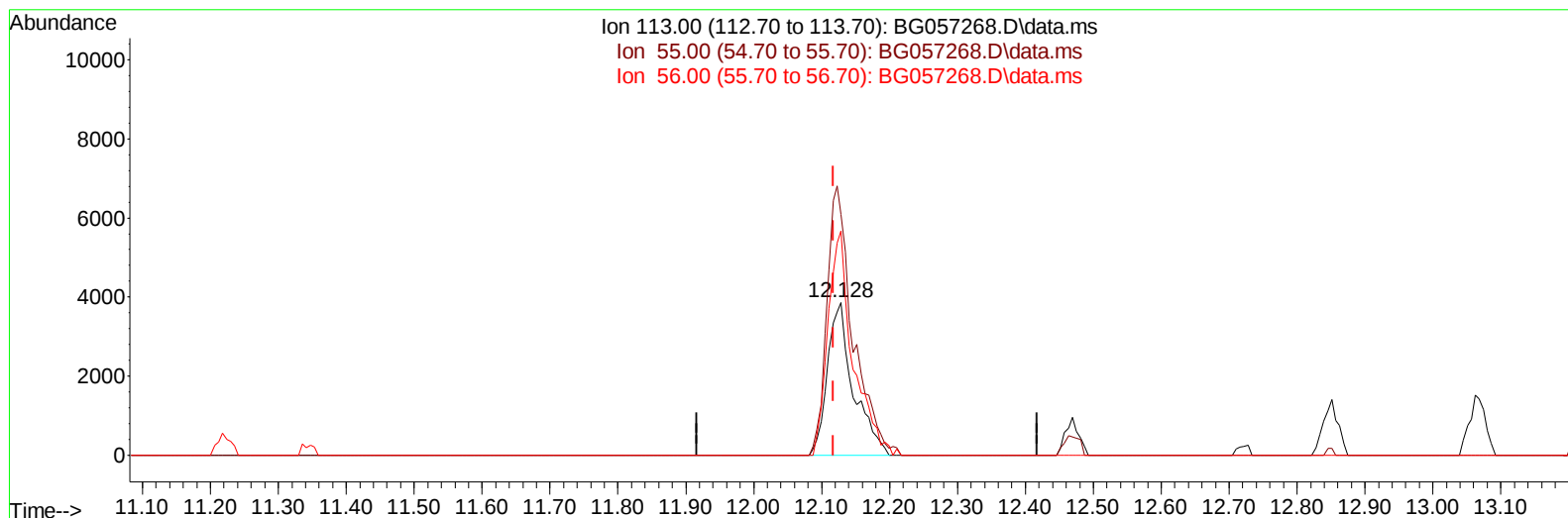
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057268.D
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TIC: BG057268.D\data.ms

(34) Caprolactam

12.128min (+ 0.011) 27.48 ng/ul m

response 10148

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.90	157.58
56.00	123.40	146.79
0.00	0.00	0.00

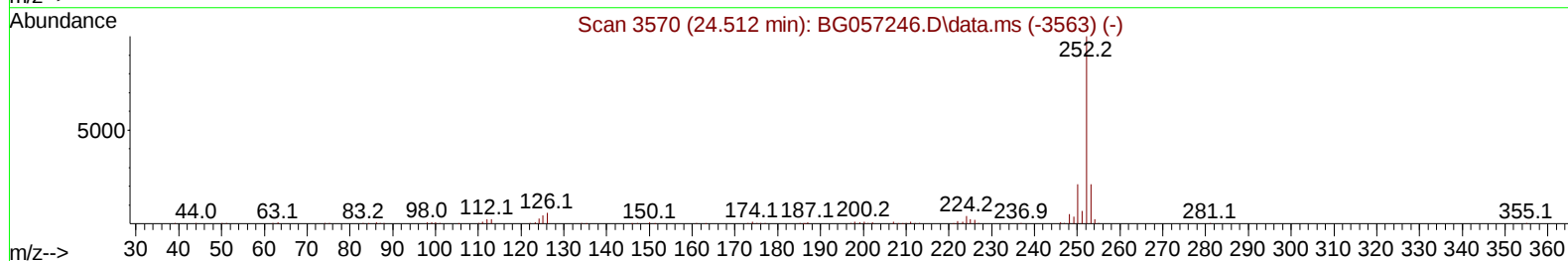
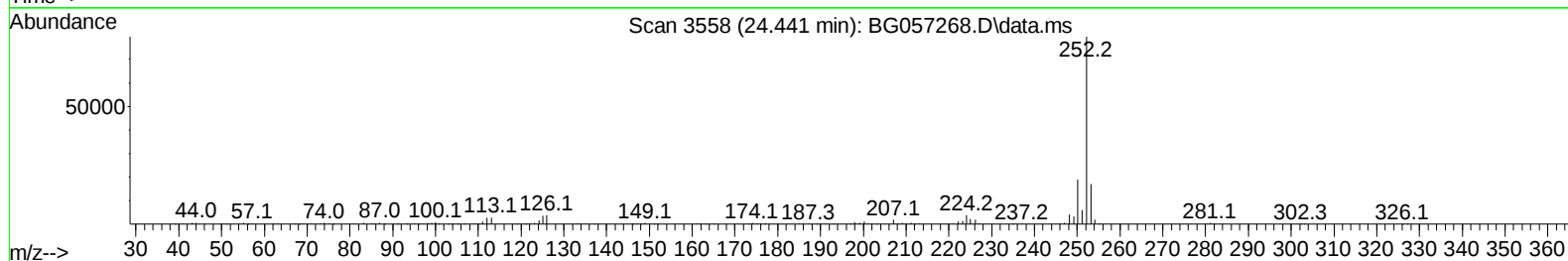
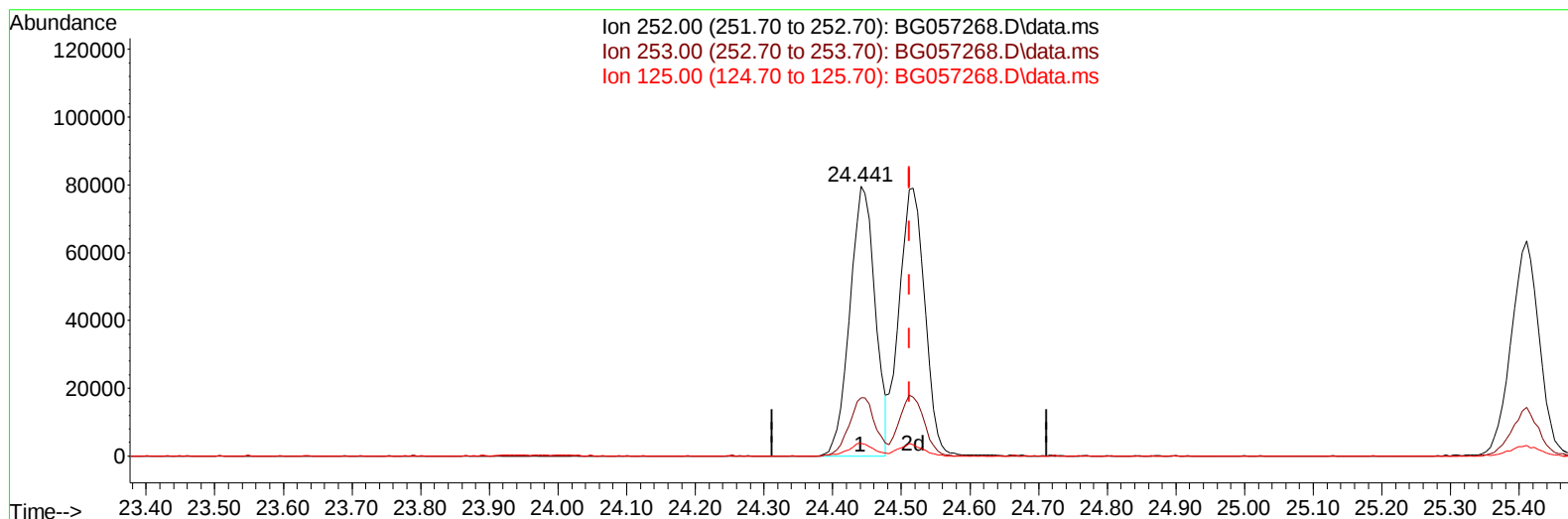
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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TIC: BG057268.D\data.ms

(91) Benzo(k)fluoranthene

24.441min (-0.071) 31.23 ng/u1

response 203522

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.57
125.00	5.60	4.72
0.00	0.00	0.00

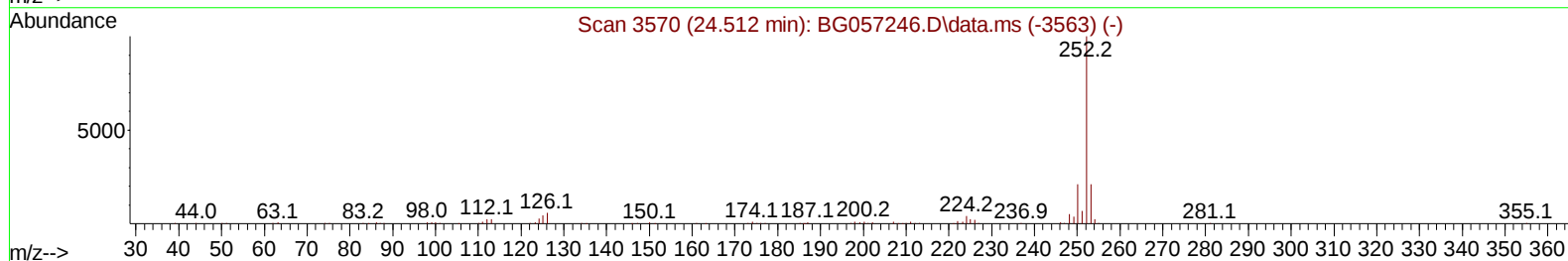
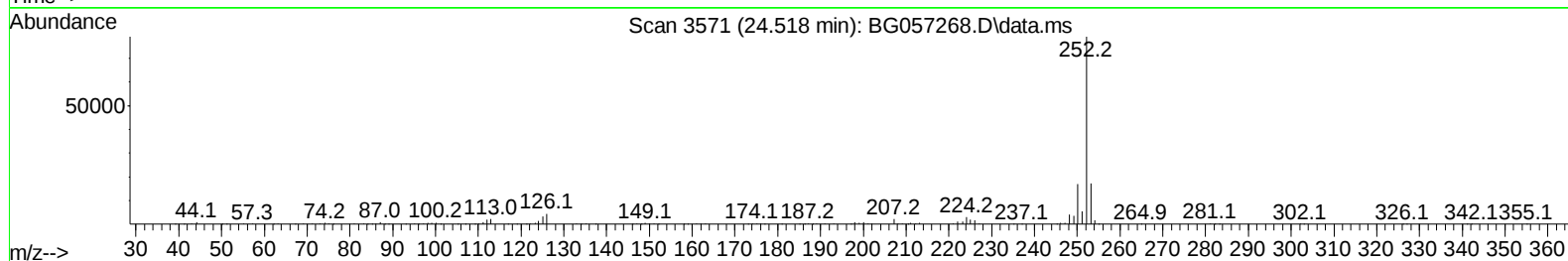
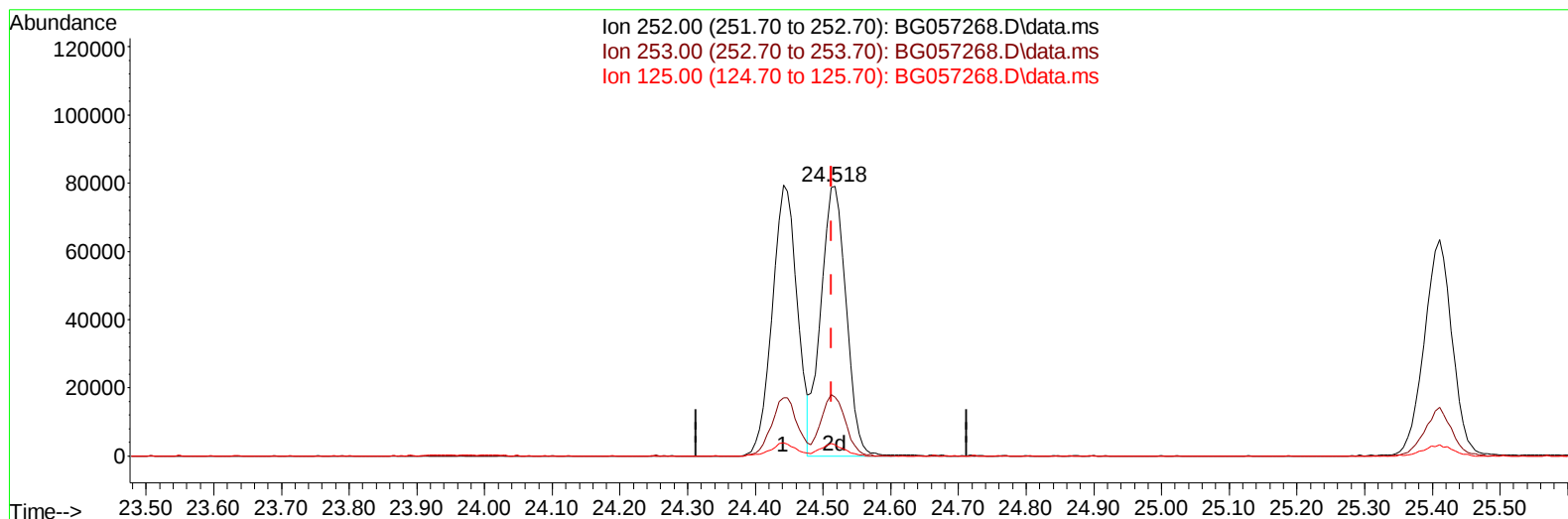
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: BG057268.D\data.ms

(91) Benzo(k)fluoranthene

24.518min (+ 0.005) 31.53 ng/ul m

response 205519

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.91
125.00	5.60	4.20#
0.00	0.00	0.00

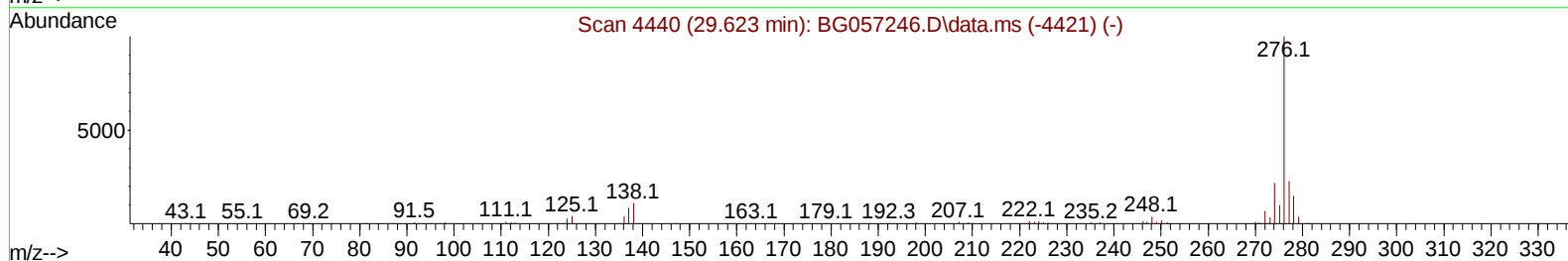
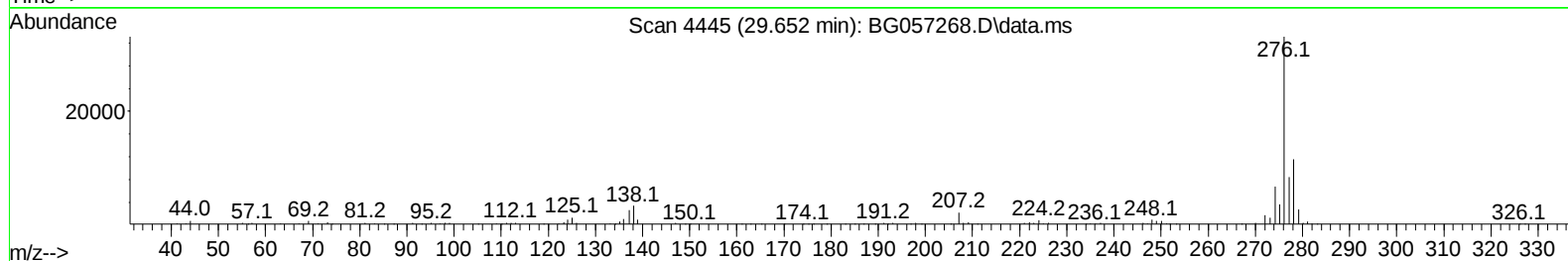
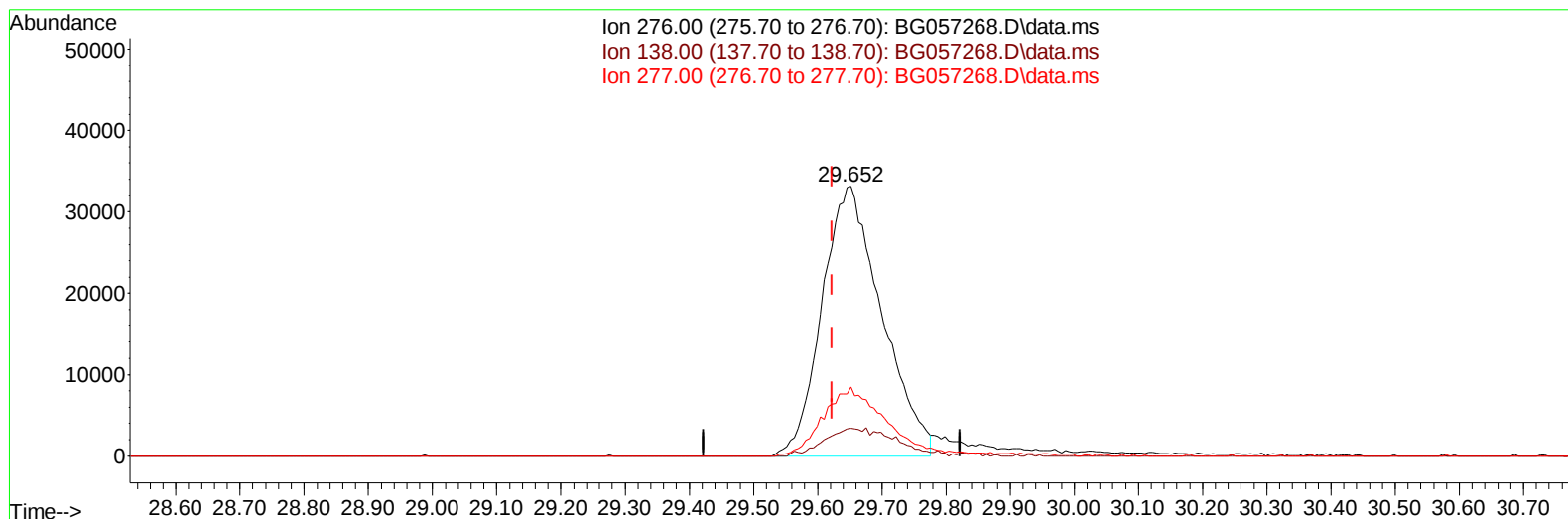
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057268.D
Acq On : 2 May 2023 3:27
Operator : CG/JU
Sample : PB152374BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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TIC: BG057268.D\data.ms

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

29.652min (+ 0.029) 29.54 ng/u1

response 213590

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	10.22
277.00	23.30	25.50
0.00	0.00	0.00

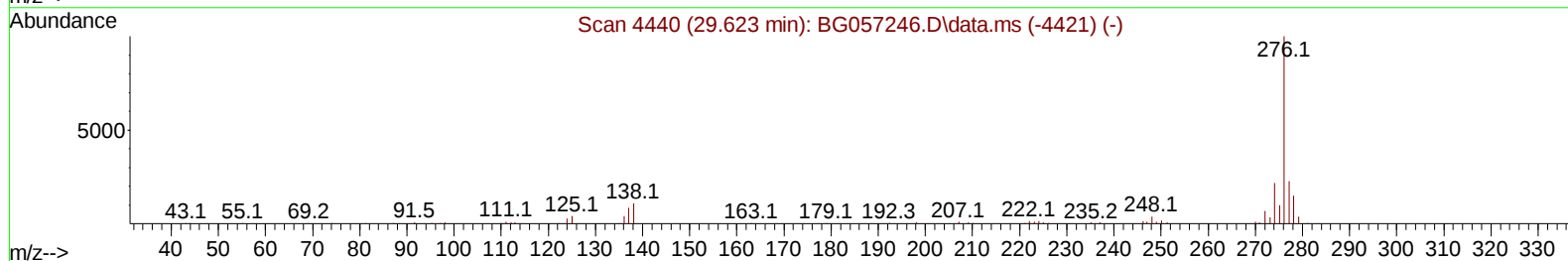
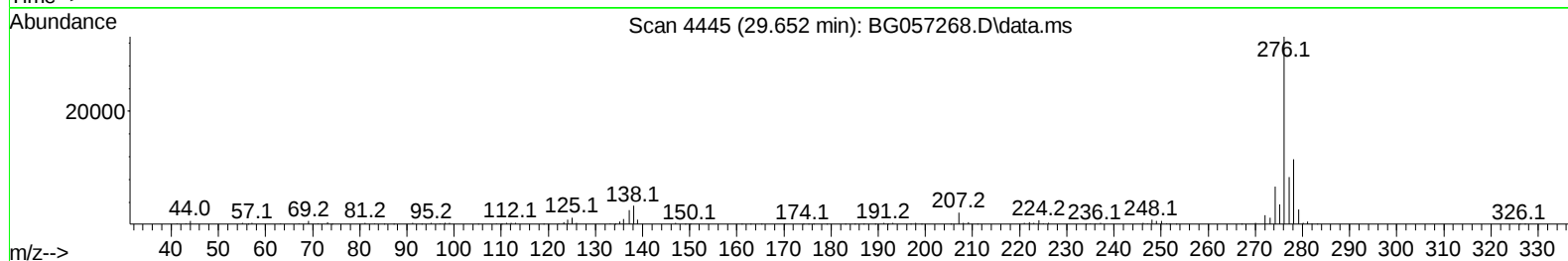
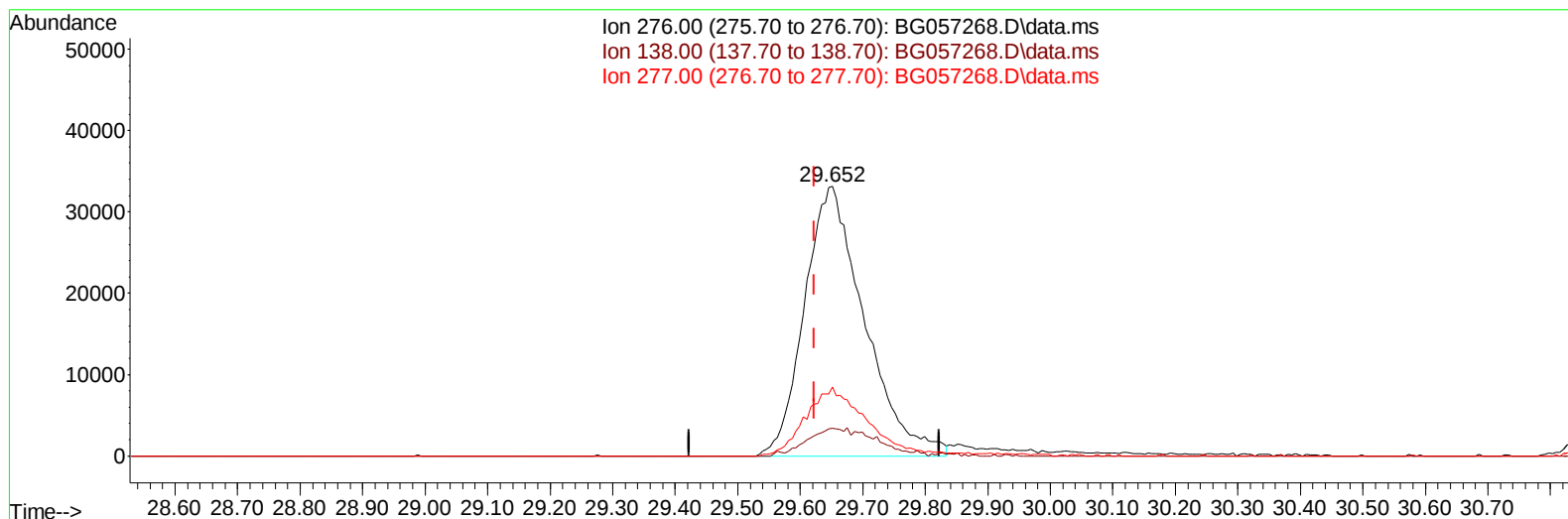
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Data File : BG057268.D
Acq On : 2 May 2023 3:27
Operator : CG/JU
Sample : PB152374BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS374

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

Quant Time: May 02 04:24:08 2023
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Response via : Initial Calibration



TIC: BG057268.D\data.ms

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

29.652min (+ 0.029) 30.49 ng/ul m

response 220430

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	10.22
277.00	23.30	25.50
0.00	0.00	0.00

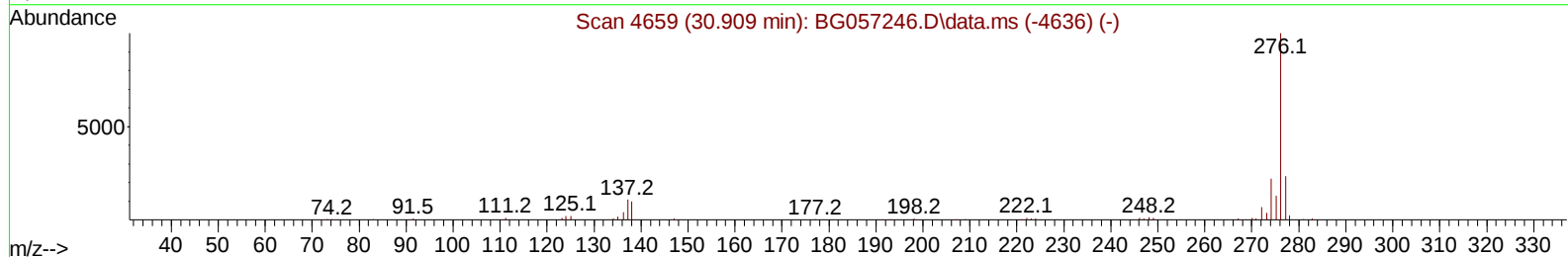
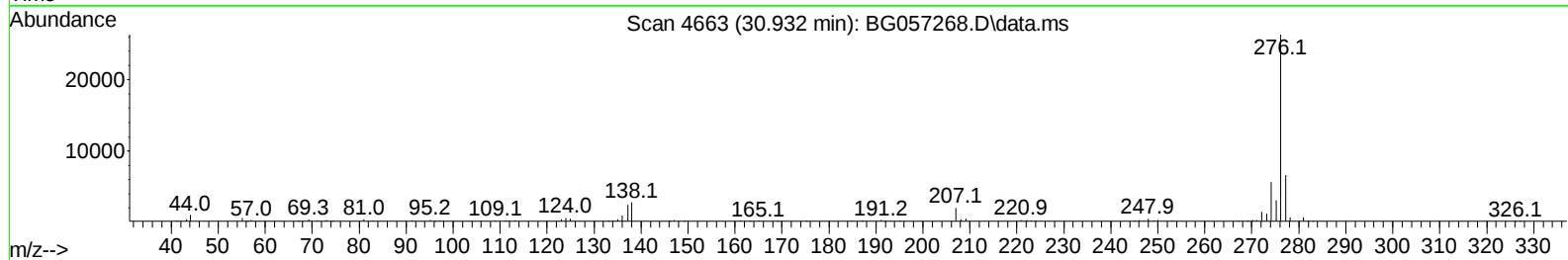
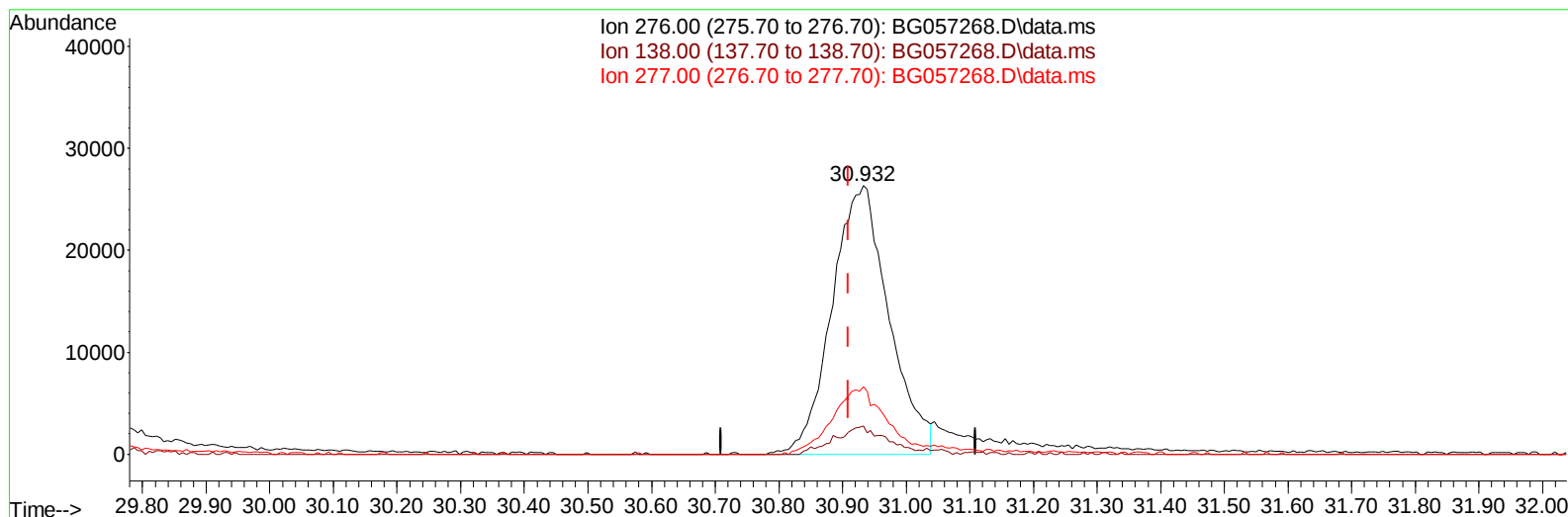
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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 Sample : PB152374BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
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Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



TIC: BG057268.D\data.ms

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

30.932min (+ 0.023) 27.93 ng/u1

response 163456

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.61
277.00	23.00	25.11
0.00	0.00	0.00

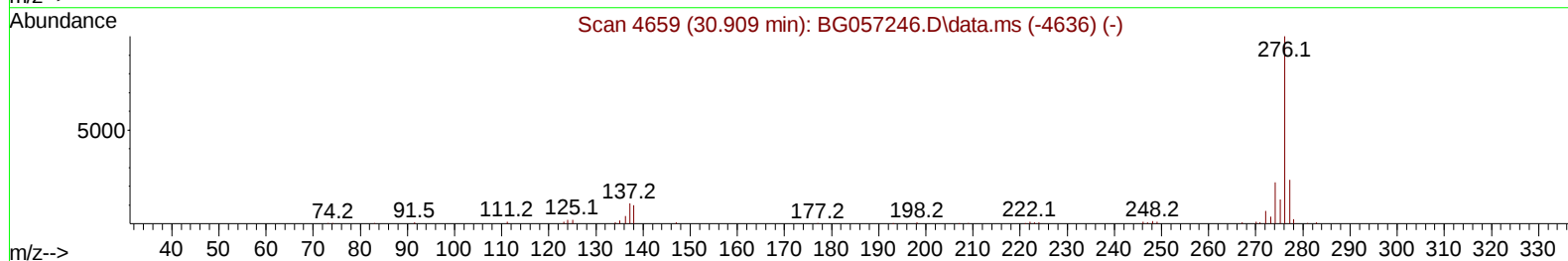
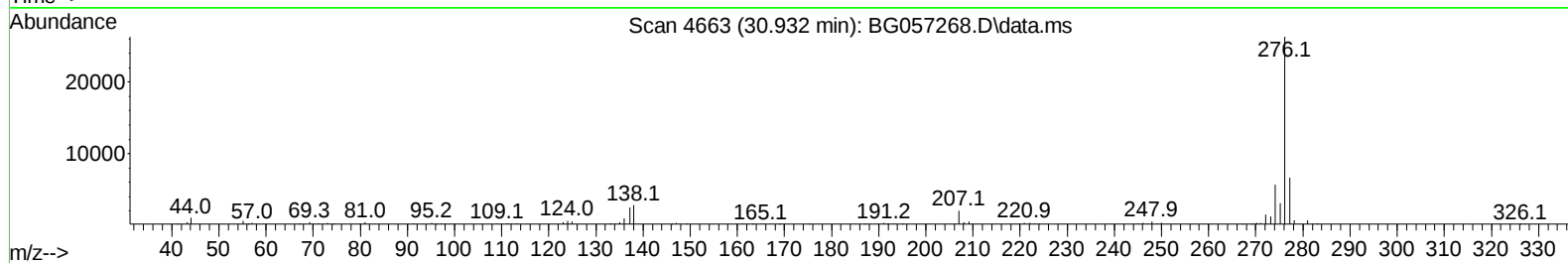
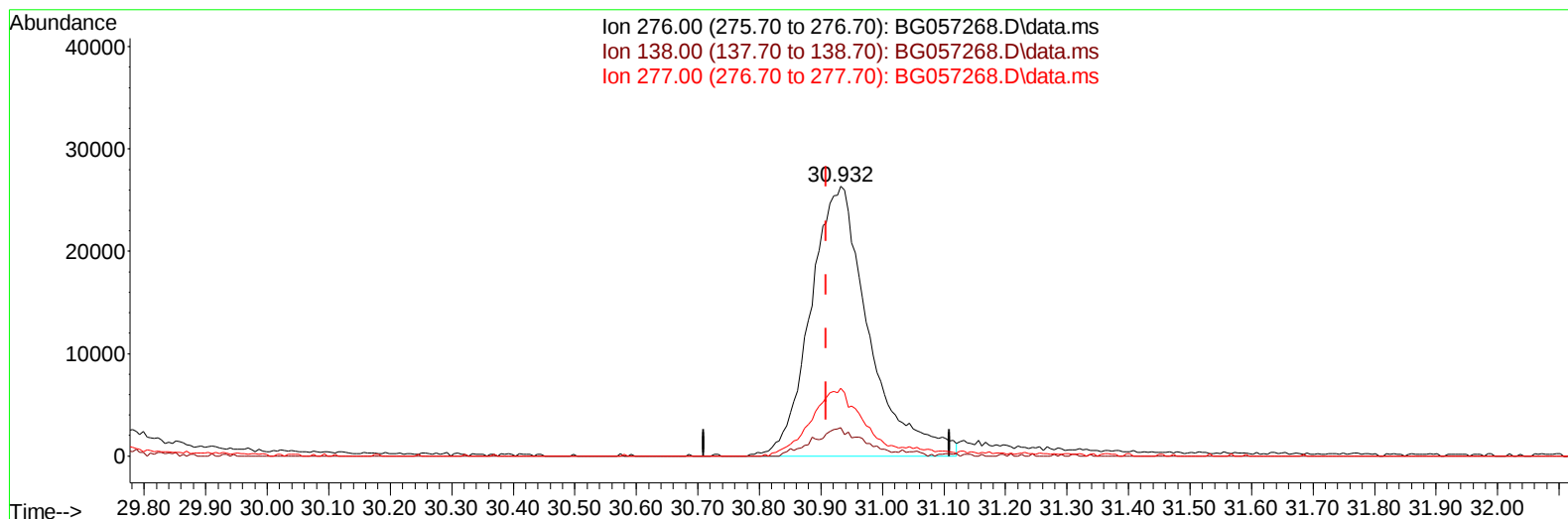
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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Acq On : 2 May 2023 3:27
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Sample : PB152374BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS374

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/02/2023
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Quant Time: May 02 04:24:08 2023
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TIC: BG057268.D\data.ms

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

30.932min (+ 0.023) 29.63 ng/ul m

response 173393

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.61
277.00	23.00	25.11
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057268.D
 Acq On : 2 May 2023 3:27
 Operator : CG/JU
 Sample : PB152374BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS374

Manual IntegrationsAPPROVED

Quant Time: May 02 04:29:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.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	8.381	152	15496	20.000	ng/ul	0.00
20) Naphthalene-d8	11.224	136	64460	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.995	164	46576	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.733	188	107205	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.050	240	91071	20.000	ng/ul	# 0.00
88) Perylene-d12	25.569	264	96745	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.663	96	1780	5.055	ng/uL	0.00
4) Pyridine-d5	4.104	84	27716	24.965	ng/ul	0.00
7) Phenol-d5	7.523	99	44665	30.478	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.687	67	25312	29.366	ng/ul	0.00
11) 2-Chlorophenol-d4	7.911	132	32200	33.343	ng/ul	0.00
15) 4-Methylphenol-d8	9.080	113	34197	30.703	ng/ul	0.00
21) Nitrobenzene-d5	9.561	128	16678	32.490	ng/ul	0.00
24) 2-Nitrophenol-d4	10.290	143	20548	34.299	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.836	165	38985	33.729	ng/ul	0.00
31) 4-Chloroaniline-d4	11.347	131	41250	26.928	ng/ul	0.00
46) Dimethylphthalate-d6	14.378	166	116827	31.656	ng/ul	0.00
49) Acenaphthylene-d8	14.696	160	138332	33.350	ng/ul	0.00
54) 4-Nitrophenol-d4	15.183	143	16229	30.211	ng/ul	0.00
60) Fluorene-d10	15.982	176	107714	31.330	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.100	200	18724	29.479	ng/ul	0.00
73) Anthracene-d10	17.833	188	162881	33.286	ng/ul	0.00
81) Pyrene-d10	20.100	212	184398	34.112	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.334	264	164756	33.426	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.705	88	3643	9.755	ng/uL	90
5) Pyridine	4.122	79	27112	23.167	ng/ul	92
6) Benzaldehyde	7.505	77	26626	59.488	ng/ul#	84
8) Phenol	7.546	94	42812	28.985	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.781	93	30947	27.995	ng/ul	98
12) 2-Chlorophenol	7.946	128	31492	31.046	ng/ul	99
13) 2-Methylphenol	8.821	108	33100	28.916	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.898	45	37599	26.380	ng/ul	95
16) Acetophenone	9.209	105	53494	27.911	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.185	70	30347	27.554	ng/ul	96
18) 4-Methylphenol	9.150	108	35596	28.729	ng/ul	95
19) Hexachloroethane	9.479	117	13399	31.571	ng/ul	97
22) Nitrobenzene	9.602	77	47451	31.042	ng/ul	99
23) Isophorone	10.125	82	82056	28.214	ng/ul	99
25) 2-Nitrophenol	10.319	139	19462	32.074	ng/ul	95
26) 2,4-Dimethylphenol	10.366	107	40064	29.105	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.595	93	43335	28.665	ng/ul	99
29) 2,4-Dichlorophenol	10.865	162	35216	32.100	ng/ul	97
30) Naphthalene	11.271	128	107883	30.482	ng/ul	99
32) 4-Chloroaniline	11.371	127	37446	23.460	ng/ul	100
33) Hexachlorobutadiene	11.541	225	31418	33.765	ng/ul	99
34) Caprolactam	12.128	113	10148m	27.477	ng/ul	
35) 4-Chloro-3-methylphenol	12.469	107	37299	29.549	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.851	142	78736	30.336	ng/ul	99
37) 1-Methylnaphthalene	13.068	142	78628	30.128	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.209	216	57519	33.983	ng/ul	98
40) Hexachlorocyclopentadiene	13.180	237	13025	15.421	ng/ul	96
41) 2,4,6-Trichlorophenol	13.444	196	32745	33.218	ng/ul	95
42) 2,4,5-Trichlorophenol	13.521	196	33616	31.762	ng/ul	91
43) 1,1'-Biphenyl	13.832	154	110704	31.150	ng/ul	99
44) 2-Chloronaphthalene	13.885	162	88041	31.950	ng/ul	98
45) 2-Nitroaniline	14.079	65	27455	33.004	ng/ul	96
47) Dimethylphthalate	14.425	163	108829	29.365	ng/ul	100
48) 2,6-Dinitrotoluene	14.560	165	23597	30.939	ng/ul	98
50) Acenaphthylene	14.725	152	128045	30.378	ng/ul	98
51) 3-Nitroaniline	14.895	138	20647	38.206	ng/ul	97
52) Acenaphthene	15.060	153	90750	30.217	ng/ul	99
53) 2,4-Dinitrophenol	15.107	184	9337	22.988	ng/ul	88
55) 4-Nitrophenol	15.195	109	17595	28.893	ng/ul	89
56) Dibenzofuran	15.389	168	131763	30.382	ng/ul	98
57) 2,4-Dinitrotoluene	15.348	165	33109	30.324	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.618	232	28759	29.905	ng/ul	99
59) Diethylphthalate	15.776	149	109720	29.140	ng/ul	99
61) Fluorene	16.041	166	107663	29.358	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.011	204	63858	29.834	ng/ul	98
63) 4-Nitroaniline	16.053	138	21674	42.351	ng/ul	86
66) 4,6-Dinitro-2-methylph...	16.111	198	17782	27.473	ng/ul	99
67) N-Nitrosodiphenylamine	16.229	169	91232	32.578	ng/ul	99
68) 4-Bromophenyl-phenylether	16.910	248	41576	32.447	ng/ul	94
69) Hexachlorobenzene	17.045	284	44967	33.326	ng/ul	98
70) Atrazine	17.157	200	25501	20.489	ng/ul	97
71) Pentachlorophenol	17.386	266	17793	28.529	ng/ul	96
72) Phenanthrene	17.780	178	173288	31.040	ng/ul	100
74) Anthracene	17.868	178	172229	30.712	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.809	216	57898	35.907	ng/uL	99
76) Pentachlorobenzene	15.312	250	57348	34.941	ng/uL	96
77) Carbazole	18.132	167	148518	31.691	ng/ul	99
78) Di-n-butylphthalate	18.649	149	173346	32.347	ng/ul	99
80) Fluoranthene	19.765	202	207232	32.272	ng/ul	98
82) Pyrene	20.129	202	205445	31.604	ng/ul#	96
83) Butylbenzylphthalate	20.981	149	67542	32.445	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.921	252	71892	35.545	ng/ul	96
85) Benzo(a)anthracene	22.027	228	203756	31.634	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.874	149	96360	31.826	ng/ul	95
87) Chrysene	22.097	228	189964	31.260	ng/ul	99
89) Di-n-octyl phthalate	23.172	149	166679	31.199	ng/ul	100
90) Benzo(b)fluoranthene	24.441	252	203522	30.379	ng/ul#	98
91) Benzo(k)fluoranthene	24.518	252	205519m	31.532	ng/ul	
93) Benzo(a)pyrene	25.410	252	180409	31.192	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	29.652	276	220430m	30.488	ng/ul	
95) Dibenzo(a,h)anthracene	29.705	278	186075	31.038	ng/ul	99
96) Benzo(g,h,i)perylene	30.932	276	173393m	29.633	ng/ul	

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

Instrument :

BNA_G

ClientSampleId :

SLCS374

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

