

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058213.D
 Acq On : 14 Jul 2023 1:48
 Operator : CG/JU
 Sample : 03414-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4637

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

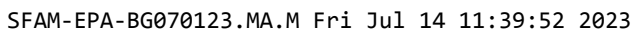
Quant Time: Jul 14 03:09:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 14:01:20 2023
 Response via : Initial Calibration

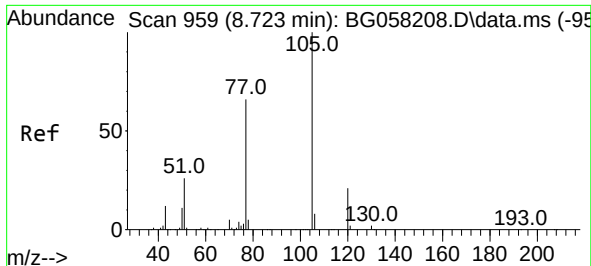
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	44441	20.000	ng/u1	0.00
20) Naphthalene-d8	10.702	136	207643	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	154973	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.283	188	368028	20.000	ng/u1	0.00
79) Chrysene-d12	21.536	240	319836	20.000	ng/u1	0.00
88) Perylene-d12	24.674	264	394831	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	1757	1.384	ng/uL	0.00
4) Pyridine-d5	3.763	84	8888	2.307	ng/u1	0.01
7) Phenol-d5	7.071	99	40659	8.959	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	24564	8.981	ng/u1	0.00
11) 2-Chlorophenol-d4	7.435	132	27447	8.768	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	15263	4.457	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	14950	8.834	ng/u1	0.00
24) 2-Nitrophenol-d4	9.785	143	16401	9.221	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.326	165	29003	8.500	ng/u1	0.00
31) 4-Chloroaniline-d4	10.837	131	4692m	0.907	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	109809	8.980	ng/u1	0.00
49) Acenaphthylene-d8	14.233	160	119914	8.987	ng/u1	0.00
54) 4-Nitrophenol-d4	14.744	143	12240	5.666	ng/u1	0.00
60) Fluorene-d10	15.532	176	100632	9.691	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	11312	5.661	ng/u1	0.00
73) Anthracene-d10	17.382	188	135721	7.947	ng/u1	0.00
81) Pyrene-d10	19.674	212	200410	9.949	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.456	264	171211	8.511	ng/u1	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.722	105	23264	4.095	ng/u1	95
72) Phenanthrene	17.324	178	24773	1.323	ng/u1	97
80) Fluoranthene	19.339	202	57013	2.443	ng/u1	96
82) Pyrene	19.703	202	52656	2.241	ng/u1	98
85) Benzo(a)anthracene	21.513	228	29735	1.295	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.419	149	26604	1.949	ng/u1	95
87) Chrysene	21.583	228	27430	1.274	ng/u1	98
90) Benzo(b)fluoranthene	23.687	252	35725	1.461	ng/u1#	95
93) Benzo(a)pyrene	24.521	252	23038	1.065	ng/u1#	92

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

Manual Integrations APPROVED

Quant Time: Jul 14 03:09:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 14:01:20 2023
Response via : Initial Calibration





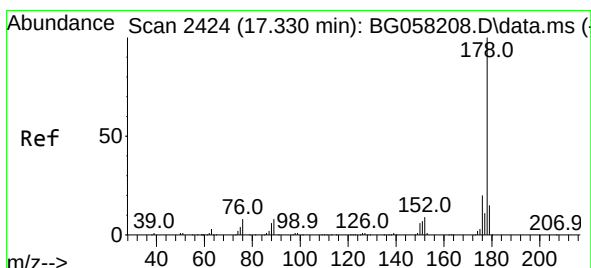
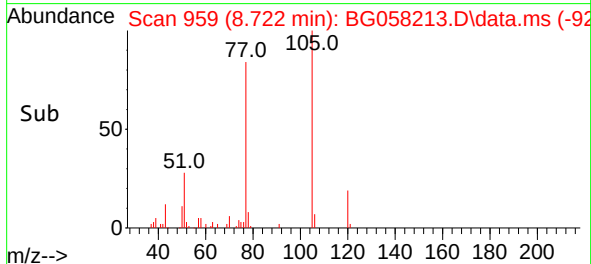
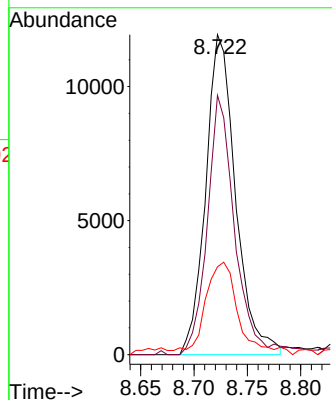
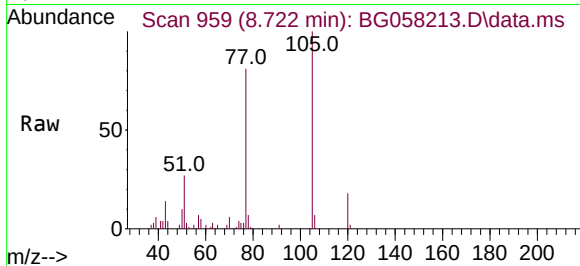
#16
Acetophenone
Concen: 4.095 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG058213.D
Acq: 14 Jul 2023 1:48

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
105	100		
77	81.0	61.2	91.8
51	27.5	23.5	35.3

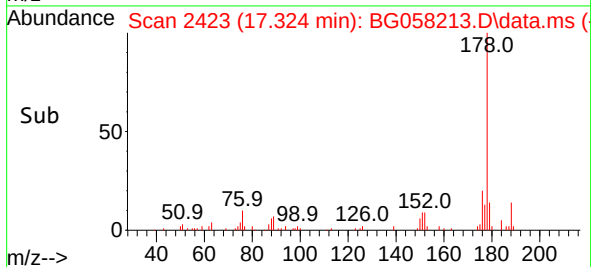
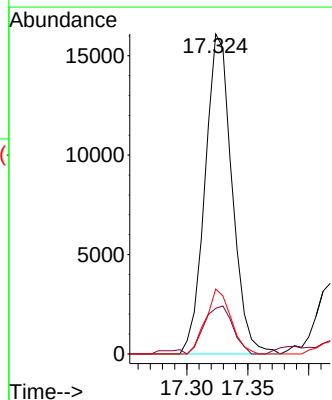
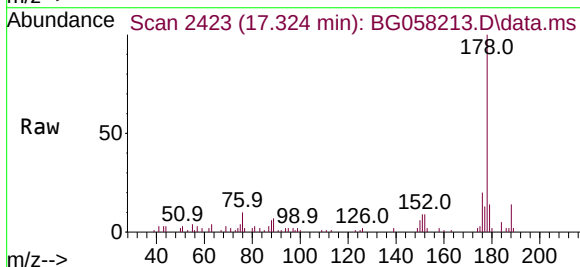
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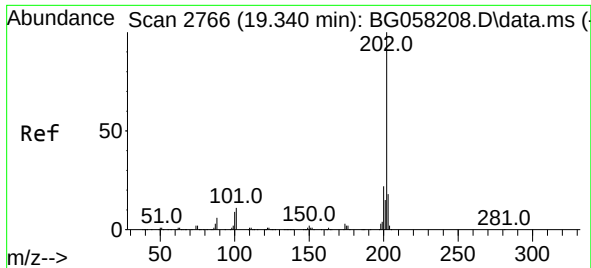
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#72
Phenanthrene
Concen: 1.323 ng/ul
RT: 17.324 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BG058213.D
Acq: 14 Jul 2023 1:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.8	19.2
176	20.3	15.7	23.5





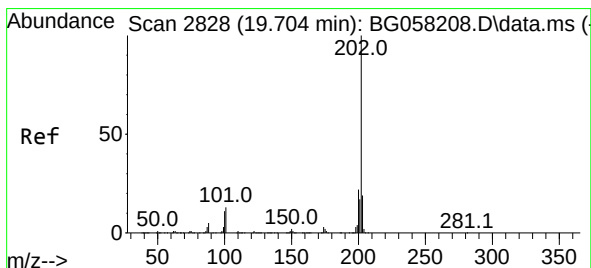
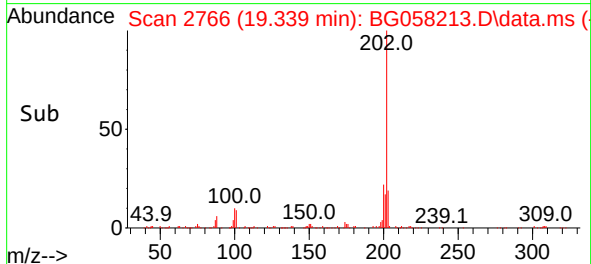
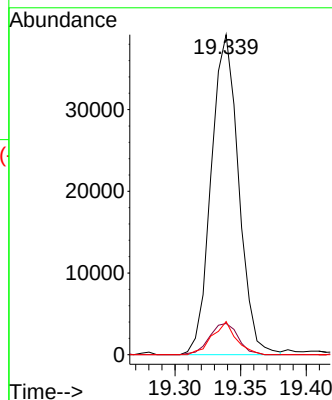
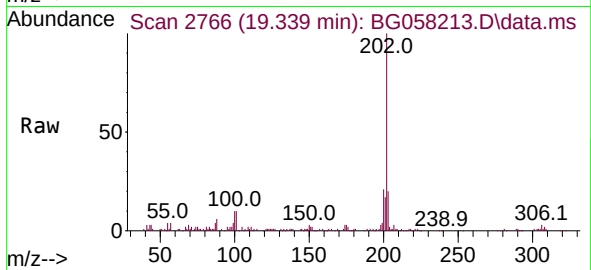
#80
Fluoranthene
Concen: 2.443 ng/ul
RT: 19.339 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BG058213.D
Acq: 14 Jul 2023 1:48

Instrument :
BNA_G
ClientSampleId :
A4637

Tgt Ion:202 Resp: 5701
Ion Ratio Lower Upper
202 100
101 9.8 9.1 13.7
100 10.3 7.1 10.7

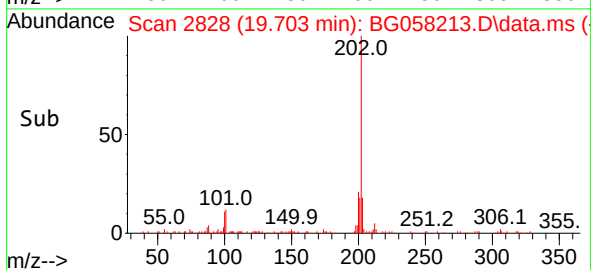
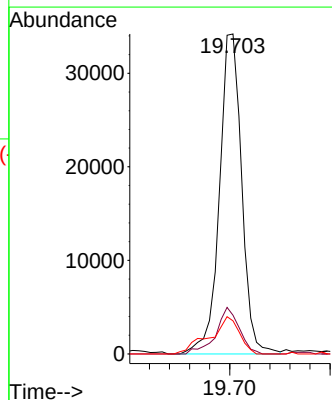
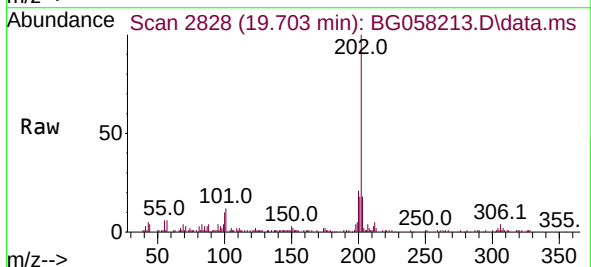
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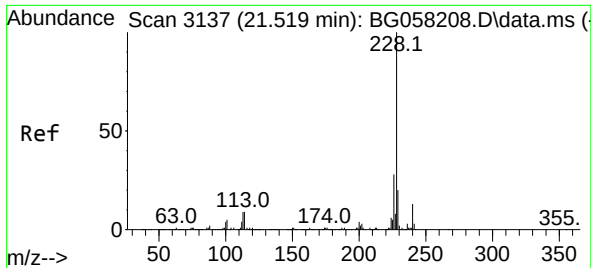
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#82
Pyrene
Concen: 2.241 ng/ul
RT: 19.703 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BG058213.D
Acq: 14 Jul 2023 1:48

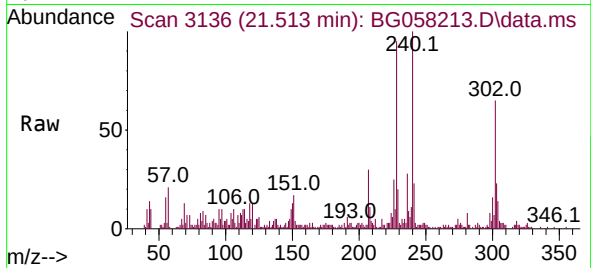
Tgt Ion:202 Resp: 52656
Ion Ratio Lower Upper
202 100
101 12.1 10.2 15.2
100 10.3 8.9 13.3





#85
Benzo(a)anthracene
Concen: 1.295 ng/ul
RT: 21.513 min Scan# 3137
Delta R.T. -0.012 min
Lab File: BG058213.D
Acq: 14 Jul 2023 1:48

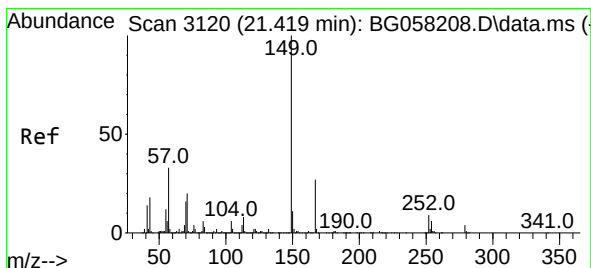
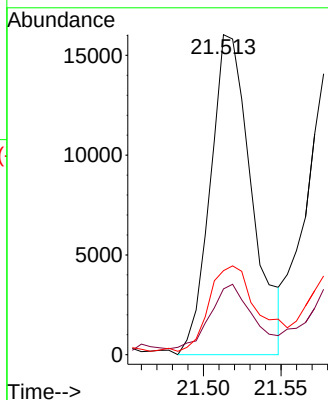
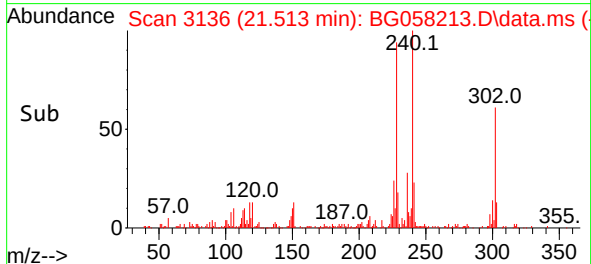
Instrument :
BNA_G
ClientSampleId :
A4637



Tgt Ion:228 Resp: 29735
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 26.3 22.0 33.0

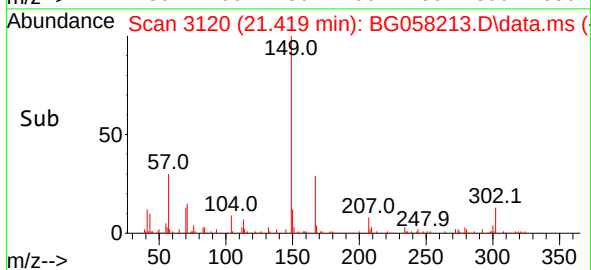
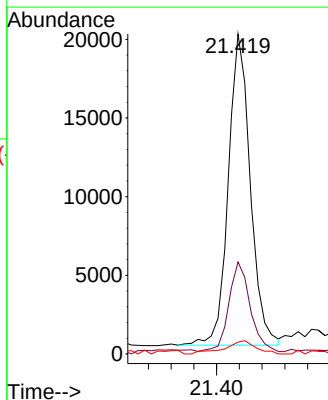
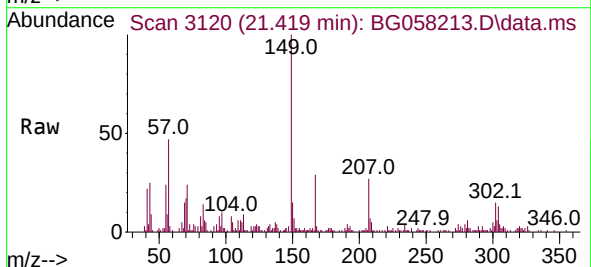
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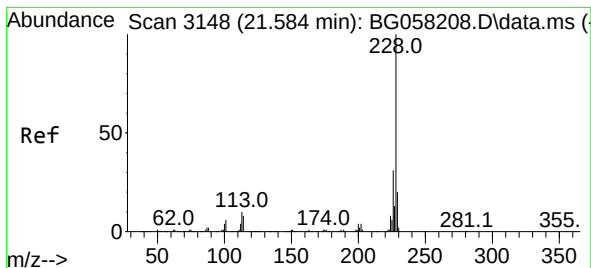
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.949 ng/ul
RT: 21.419 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BG058213.D
Acq: 14 Jul 2023 1:48

Tgt Ion:149 Resp: 26604
Ion Ratio Lower Upper
149 100
167 28.8 20.9 31.3
279 3.7 3.1 4.7





#87

Chrysene

Concen: 1.274 ng/ul

RT: 21.583 min Scan# 3148

Delta R.T. -0.006 min

Lab File: BG058213.D

Acq: 14 Jul 2023 1:48

Instrument :

BNA_G

ClientSampleId :

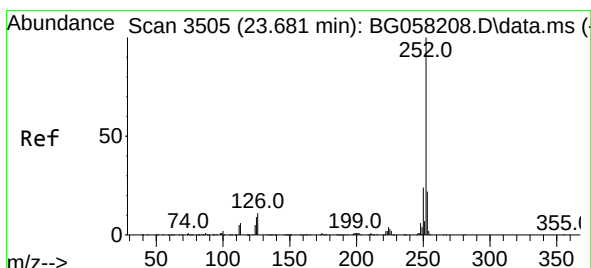
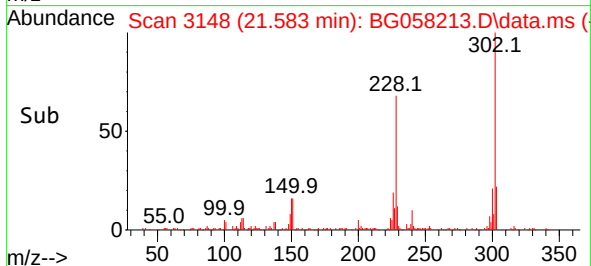
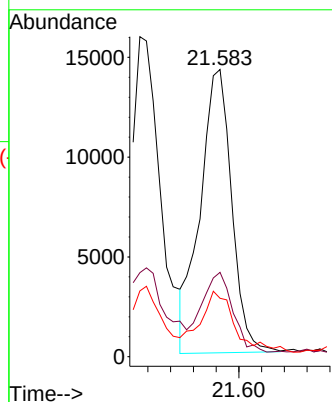
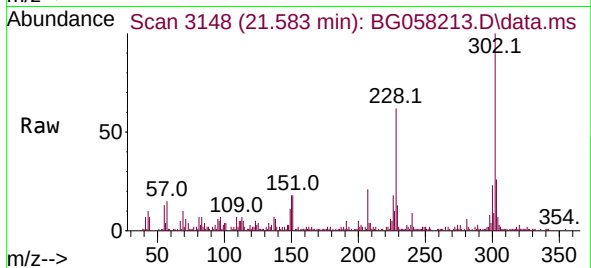
A4637

Tgt Ion:	228	Resp:	27430
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.4	36.6
229	20.3	15.5	23.3

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#90

Benzo(b)fluoranthene

Concen: 1.461 ng/ul

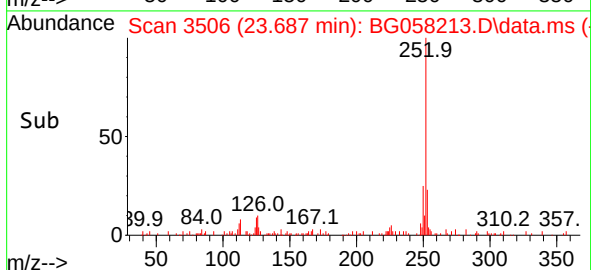
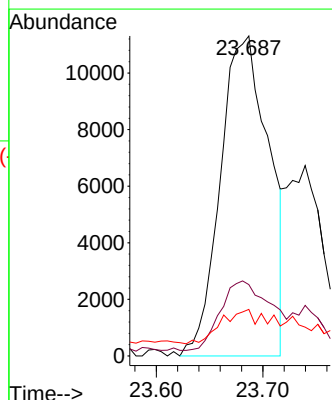
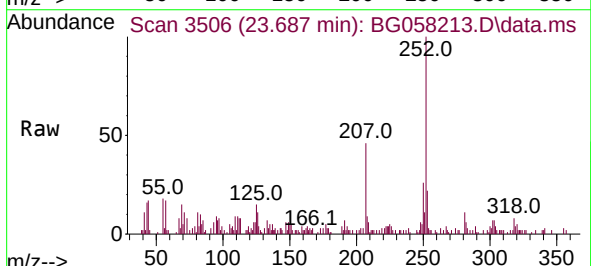
RT: 23.687 min Scan# 3506

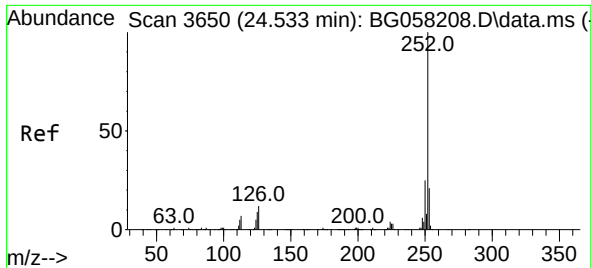
Delta R.T. -0.000 min

Lab File: BG058213.D

Acq: 14 Jul 2023 1:48

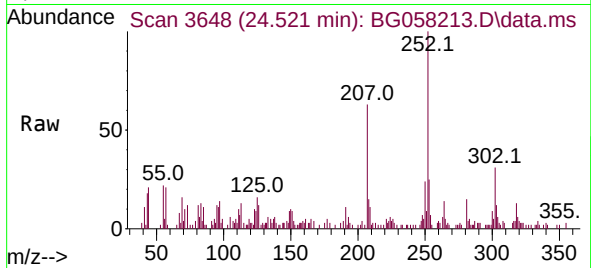
Tgt Ion:	252	Resp:	35725
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.1	27.1
125	14.6	7.5	11.3





#93
Benzo(a)pyrene
Concen: 1.065 ng/ul
RT: 24.521 min Scan# 30
Delta R.T. -0.018 min
Lab File: BG058213.D
Acq: 14 Jul 2023 1:48

Instrument :
BNA_G
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A4637



Tgt Ion:252 Resp: 23038
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.6
125 15.6 8.3 12.5

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