

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062183.D
 Acq On : 23 Jul 2024 13:11
 Operator : MA/JU
 Sample : P3263-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BA0

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

07/24/2024
 Supervised By :mohammad
 ahmed

Quant Time: Jul 24 01:41:29 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	40743	20.000	ng/u1	0.00
20) Naphthalene-d8	10.878	136	167981	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.696	164	140387	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	379258	20.000	ng/u1	0.00
79) Chrysene-d12	21.698	240	365003	20.000	ng/u1	0.00
88) Perylene-d12	24.929	264	388454	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	3278	3.756	ng/uL	0.00
4) Pyridine-d5	3.899	84	5320m	1.678	ng/u1	0.02
7) Phenol-d5	7.236	99	65195	16.254	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.382	67	37409	16.232	ng/u1	0.00
11) 2-Chlorophenol-d4	7.600	132	43052	17.031	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	50934	16.673	ng/u1	0.00
21) Nitrobenzene-d5	9.233	128	19612	14.654	ng/u1	0.00
24) 2-Nitrophenol-d4	9.950	143	27513	17.080	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.502	165	59706	17.706	ng/u1	0.00
31) 4-Chloroaniline-d4	11.013	131	39096	9.638	ng/u1	0.00
46) Dimethylphthalate-d6	14.091	166	208942	17.559	ng/u1	0.00
49) Acenaphthylene-d8	14.391	160	222898	18.474	ng/u1	0.00
54) 4-Nitrophenol-d4	14.913	143	24849	17.329	ng/u1	0.00
60) Fluorene-d10	15.683	176	192647	19.015	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	35499	14.729	ng/u1	0.00
73) Anthracene-d10	17.533	188	336252m	18.980	ng/u1	0.00
81) Pyrene-d10	19.819	212	376560	18.195	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.712	264	276942	14.262	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.480	178	99822	5.470	ng/u1	96
74) Anthracene	17.569	178	19208	1.022	ng/u1	94
80) Fluoranthene	19.484	202	253587	10.681	ng/u1	99
82) Pyrene	19.848	202	170801	6.919	ng/u1	100
85) Benzo(a)anthracene	21.681	228	103943	4.057	ng/u1	93
87) Chrysene	21.745	228	116028	4.926	ng/u1	99
90) Benzo(b)fluoranthene	23.901	252	146895	6.121	ng/u1	96
91) Benzo(k)fluoranthene	23.960	252	56175m	2.345	ng/u1	
93) Benzo(a)pyrene	24.776	252	54265	2.414	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	28.612	276	56550m	2.190	ng/u1	

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

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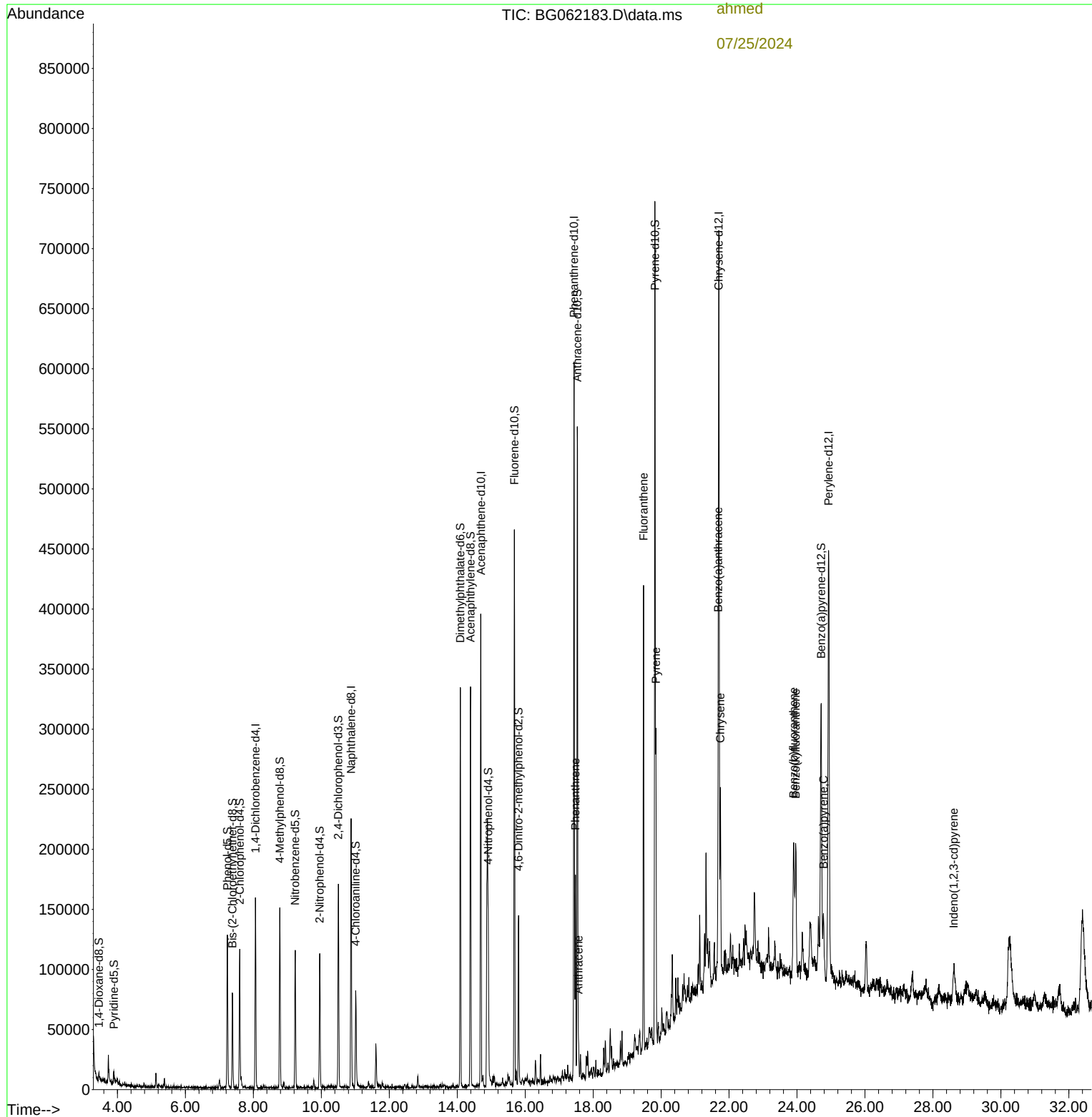
Instrument :
BNA_G
ClientSampleId :
A4BA0

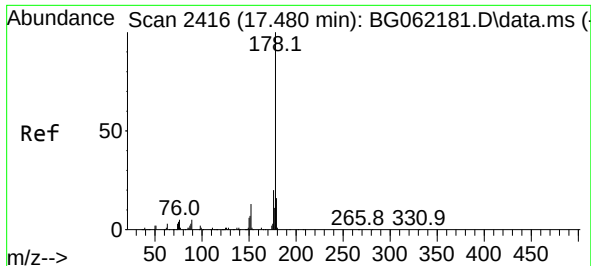
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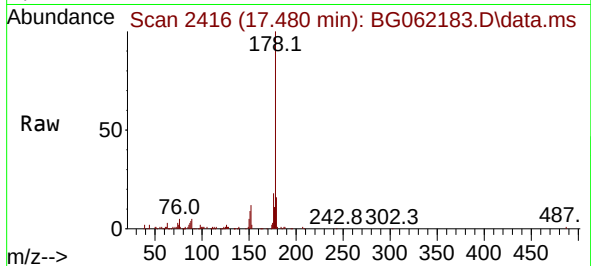
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#72
Phenanthrene
Concen: 5.470 ng/u1
RT: 17.480 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BG062183.D
Acq: 23 Jul 2024 13:11

Instrument :
BNA_G
ClientSampleId :
A4BA0



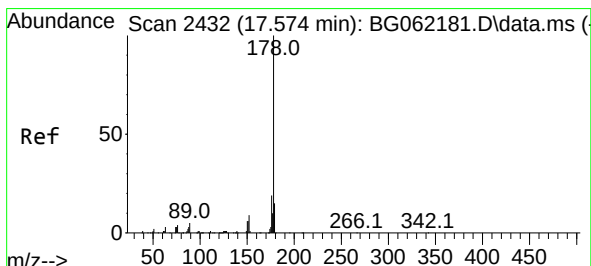
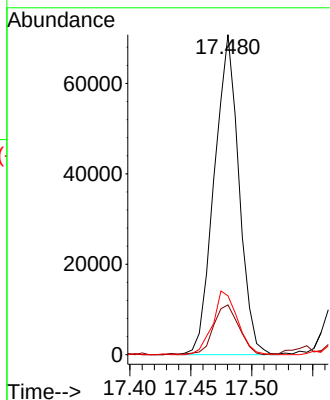
Tgt Ion:178 Resp: 9982
Ion Ratio Lower Upper
178 100
179 15.5 14.1 21.1
176 18.4 16.3 24.5

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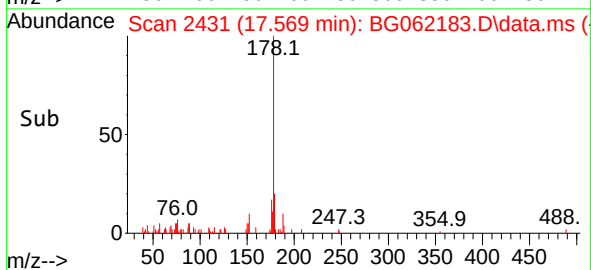
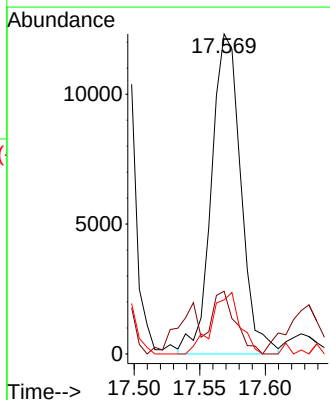
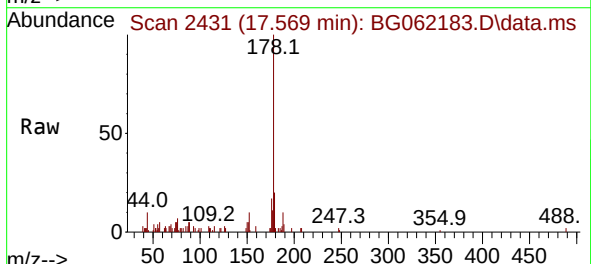
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Supervised By :mohammad
ahmed

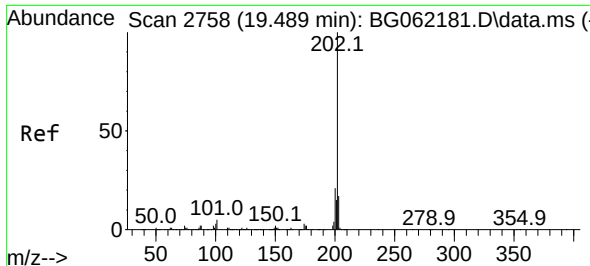
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#74
Anthracene
Concen: 1.022 ng/u1
RT: 17.569 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BG062183.D
Acq: 23 Jul 2024 13:11

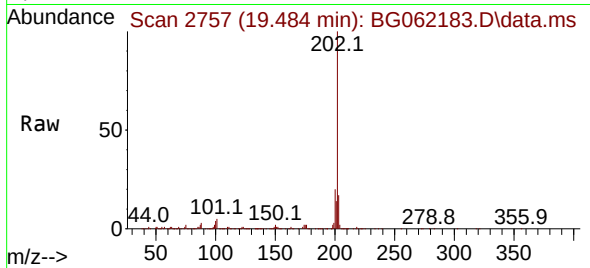
Tgt Ion:178 Resp: 19208
Ion Ratio Lower Upper
178 100
179 19.6 13.9 20.9
176 16.9 16.3 24.5





#80
Fluoranthene
Concen: 10.681 ng/ul
RT: 19.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG062183.D
Acq: 23 Jul 2024 13:11

Instrument :
BNA_G
ClientSampleId :
A4BA0



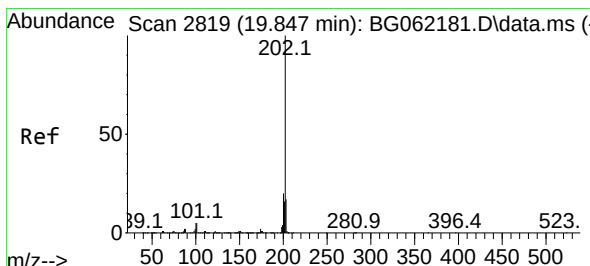
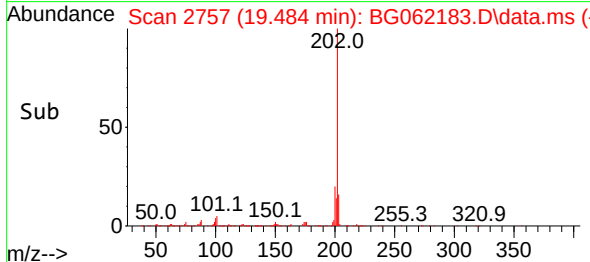
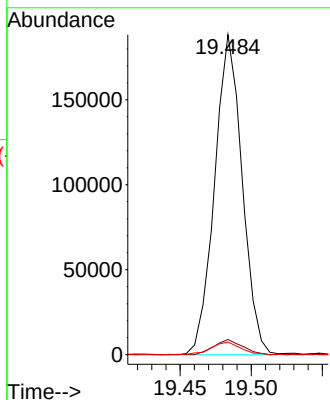
Tgt Ion:202 Resp: 25358
Ion Ratio Lower Upper
202 100
101 4.8 4.2 6.2
100 4.0 3.1 4.7

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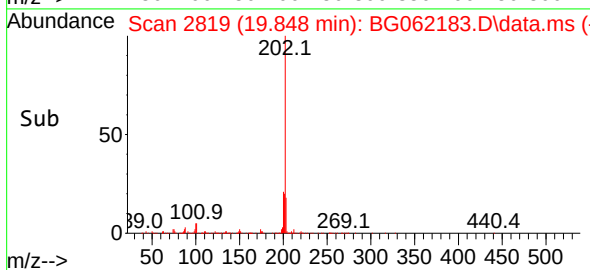
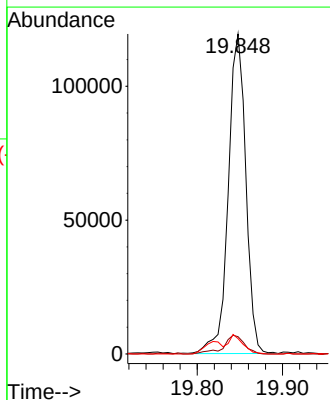
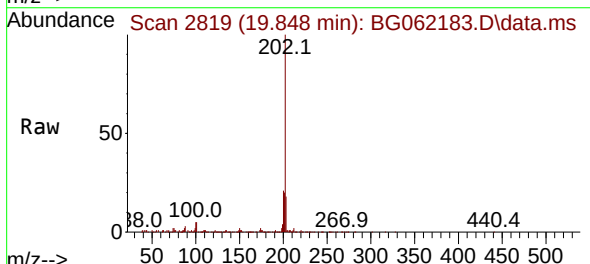
07/24/2024
Supervised By :mohammad
ahmed

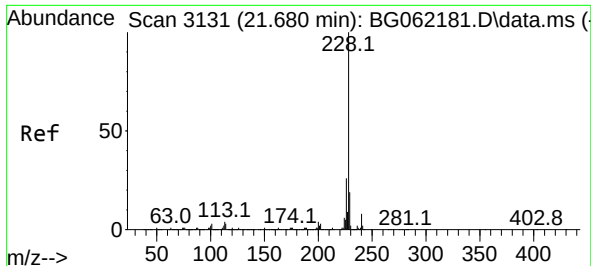
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#82
Pyrene
Concen: 6.919 ng/ul
RT: 19.848 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BG062183.D
Acq: 23 Jul 2024 13:11

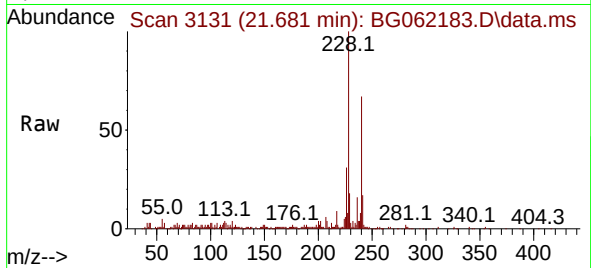
Tgt Ion:202 Resp: 170801
Ion Ratio Lower Upper
202 100
101 5.4 4.2 6.4
100 4.8 4.0 6.0





#85
Benzo(a)anthracene
Concen: 4.057 ng/ul
RT: 21.681 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BG062183.D
Acq: 23 Jul 2024 13:11

Instrument :
BNA_G
ClientSampleId :
A4BA0



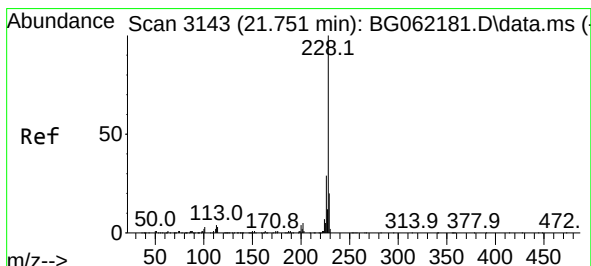
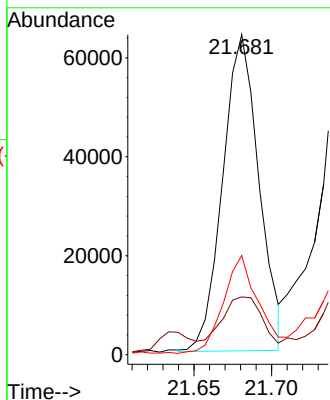
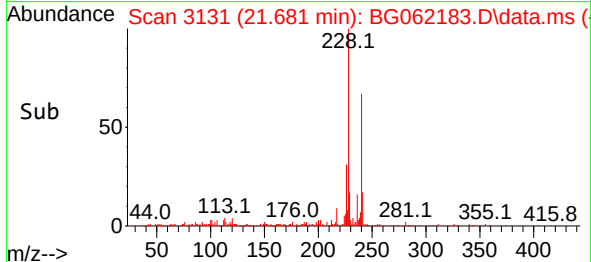
Tgt Ion:228 Resp: 10394
Ion Ratio Lower Upper
228 100
229 18.1 15.4 23.2
226 31.0 20.9 31.3

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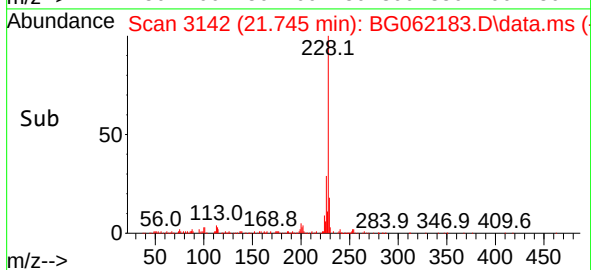
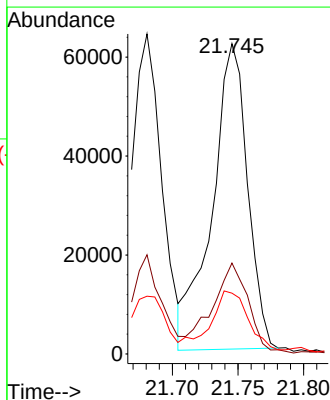
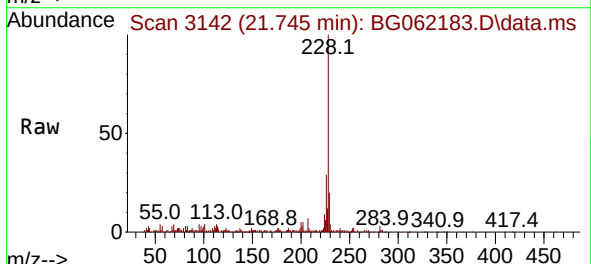
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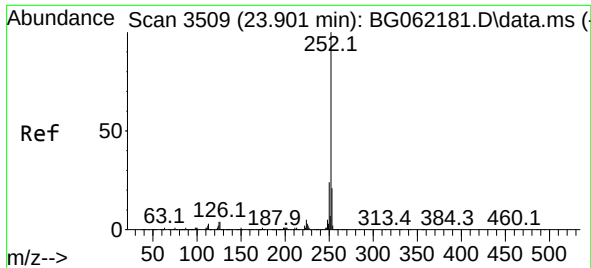
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#87
Chrysene
Concen: 4.926 ng/ul
RT: 21.745 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BG062183.D
Acq: 23 Jul 2024 13:11

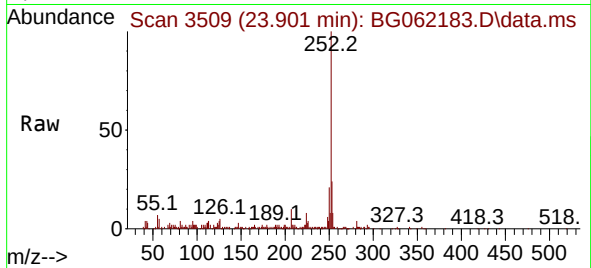
Tgt Ion:228 Resp: 116028
Ion Ratio Lower Upper
228 100
226 29.3 24.0 36.0
229 19.6 15.4 23.0





#90
Benzo(b)fluoranthene
Concen: 6.121 ng/ul
RT: 23.901 min Scan# 3509
Delta R.T. -0.006 min
Lab File: BG062183.D
Acq: 23 Jul 2024 13:11

Instrument :
BNA_G
ClientSampleId :
A4BA0



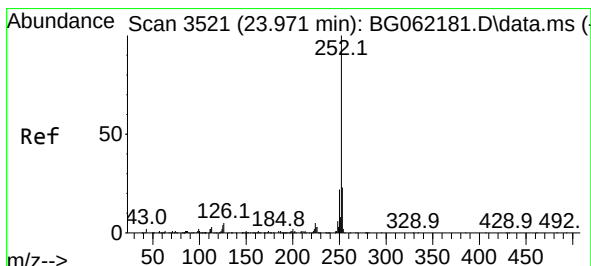
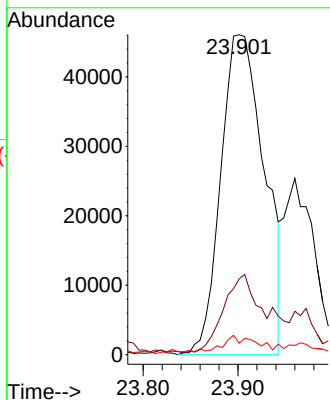
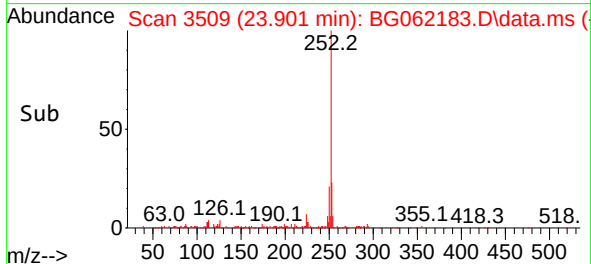
Tgt Ion:252 Resp: 146895
Ion Ratio Lower Upper
252 100
253 23.7 17.2 25.8
125 3.6 3.4 5.0

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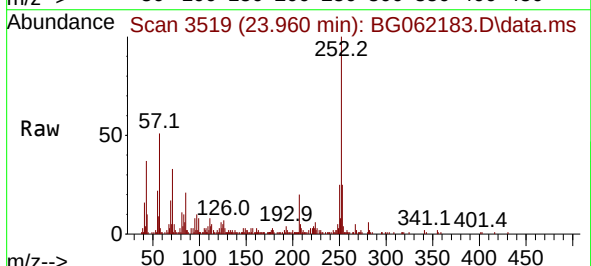
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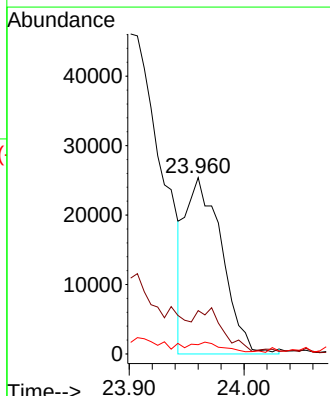
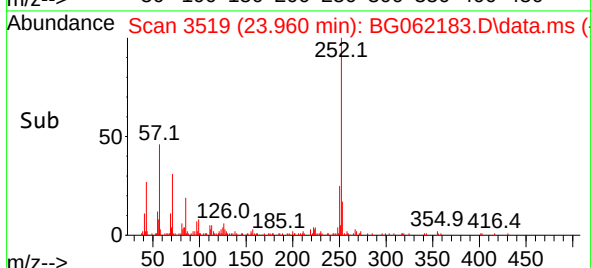
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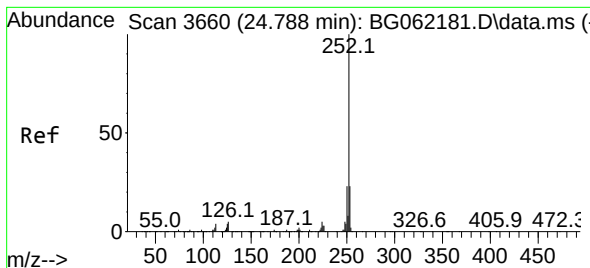


#91
Benzo(k)fluoranthene
Concen: 2.345 ng/ul m
RT: 23.960 min Scan# 3519
Delta R.T. -0.012 min
Lab File: BG062183.D
Acq: 23 Jul 2024 13:11



Tgt Ion:252 Resp: 56175
Ion Ratio Lower Upper
252 100
253 24.6 18.2 27.2
125 5.3 2.7 4.1#





#93

Benzo(a)pyrene

Concen: 2.414 ng/ul

RT: 24.776 min Scan# 3658

Delta R.T. -0.006 min

Lab File: BG062183.D

Acq: 23 Jul 2024 13:11

Instrument :

BNA_G

ClientSampleId :

A4BA0

Tgt Ion:	252	Resp:	5426
Ion Ratio	Lower	Upper	
252	100		
253	26.7	16.6	24.8
125	4.7	3.0	4.4

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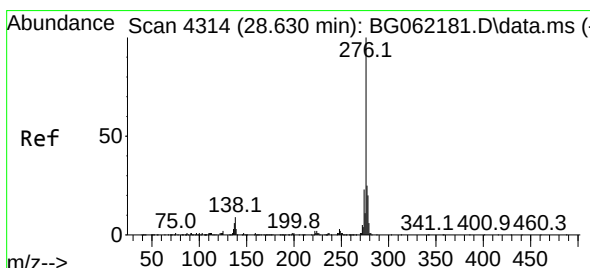
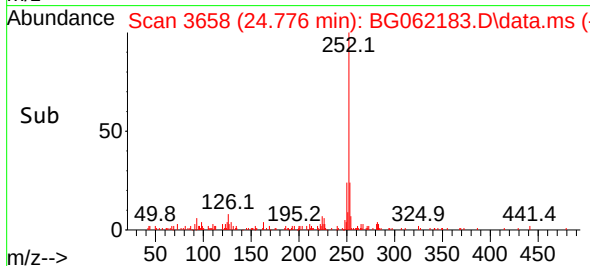
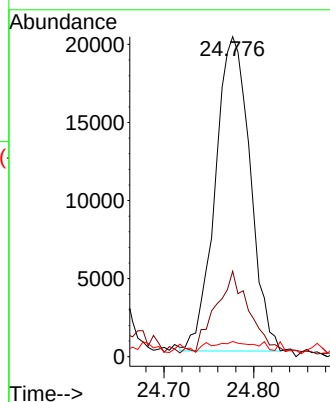
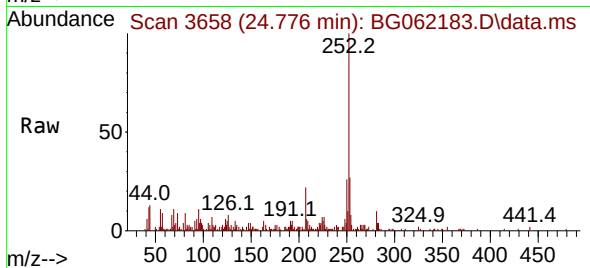
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ahmed

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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.190 ng/ul m

RT: 28.612 min Scan# 4311

Delta R.T. -0.012 min

Lab File: BG062183.D

Acq: 23 Jul 2024 13:11

Tgt Ion:	276	Resp:	56550
Ion Ratio	Lower	Upper	
276	100		
138	8.7	6.1	9.1
277	22.9	17.4	26.2

