

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062185.D
 Acq On : 23 Jul 2024 14:31
 Operator : MA/JU
 Sample : P3263-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BA5

Manual Integrations
 APPROVED

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

Quant Time: Jul 23 15:06:22 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	8.067	152	38083	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	161410	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.693	164	136725	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.442	188	337179	20.000	ng/u1	0.00
79) Chrysene-d12	21.701	240	314107	20.000	ng/u1	0.00
88) Perylene-d12	24.938	264	346766	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.455	96	2760	3.384	ng/uL	0.00
4) Pyridine-d5	3.890	84	5794	1.955	ng/u1	0.01
7) Phenol-d5	7.238	99	83320	22.223	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.385	67	46664	21.662	ng/u1	0.00
11) 2-Chlorophenol-d4	7.603	132	53178	22.506	ng/u1	0.00
15) 4-Methylphenol-d8	8.783	113	63957	22.399	ng/u1	0.00
21) Nitrobenzene-d5	9.236	128	27624	21.481	ng/u1	0.00
24) 2-Nitrophenol-d4	9.958	143	38228	24.698	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.505	165	80393	24.811	ng/u1	0.00
31) 4-Chloroaniline-d4	11.022	131	47880	12.284	ng/u1	0.00
46) Dimethylphthalate-d6	14.094	166	265284	22.891	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	291049	24.768	ng/u1	0.00
54) 4-Nitrophenol-d4	14.922	143	31557	22.597	ng/u1	0.00
60) Fluorene-d10	15.686	176	239748	24.298	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	41613	19.420	ng/u1	0.00
73) Anthracene-d10	17.536	188	400696	25.440	ng/u1	0.00
81) Pyrene-d10	19.821	212	429292	24.105	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.709	264	313380	18.078	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.483	178	102669	6.328	ng/u1	96
74) Anthracene	17.571	178	22649m	1.356	ng/u1	
80) Fluoranthene	19.487	202	253393	12.403	ng/u1	99
82) Pyrene	19.851	202	181559	8.547	ng/u1	99
85) Benzo(a)anthracene	21.684	228	109189	4.953	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.566	149	41271	4.567	ng/u1#	94
87) Chrysene	21.748	228	128714m	6.350	ng/u1	
90) Benzo(b)fluoranthene	23.910	252	170077	7.939	ng/u1#	98
91) Benzo(k)fluoranthene	23.969	252	47218	2.208	ng/u1#	97
93) Benzo(a)pyrene	24.779	252	59837	2.982	ng/u1#	76
94) Indeno(1,2,3-cd)pyrene	28.621	276	61030m	2.647	ng/u1	

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

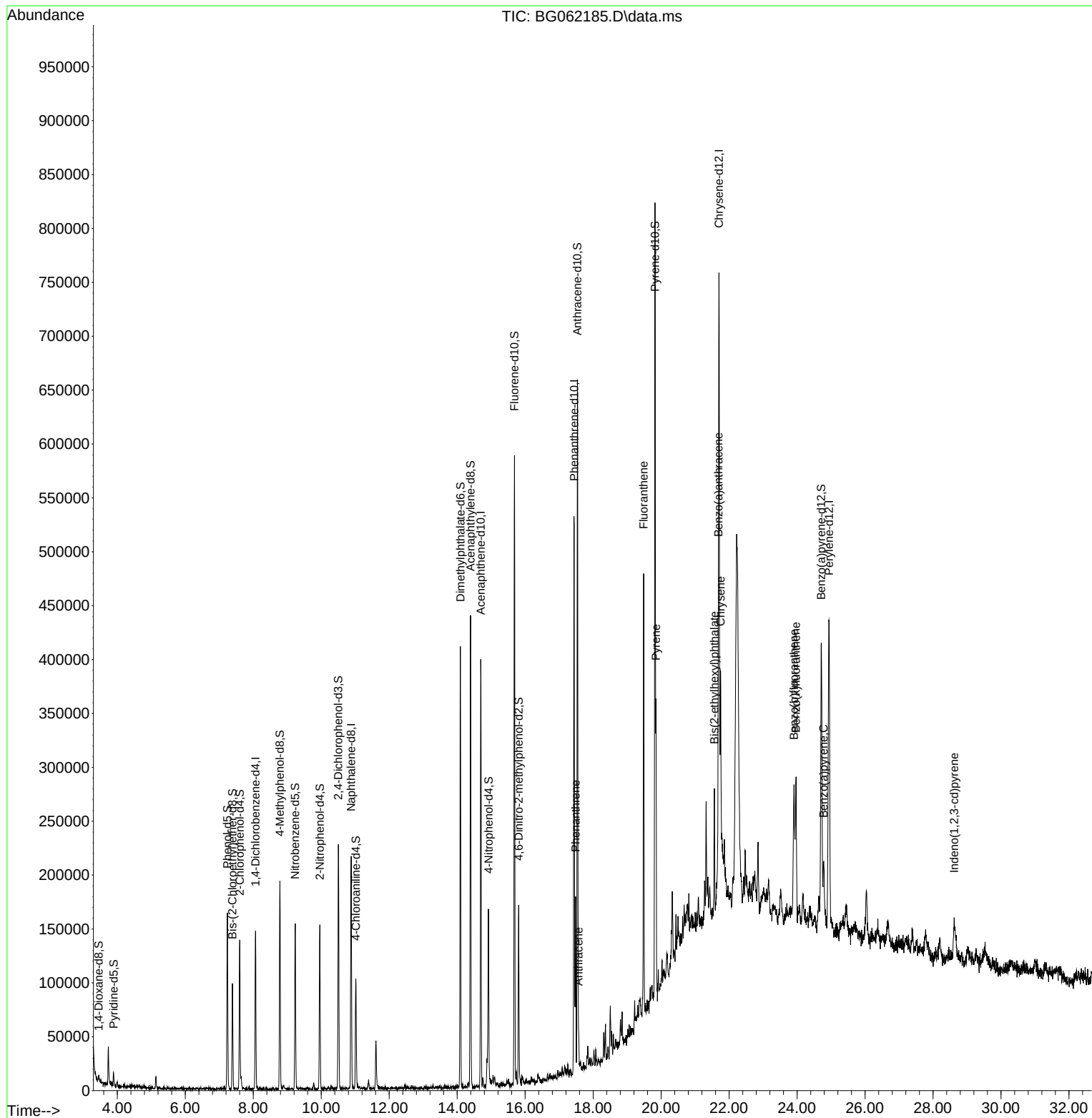
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062185.D
Acq On : 23 Jul 2024 14:31
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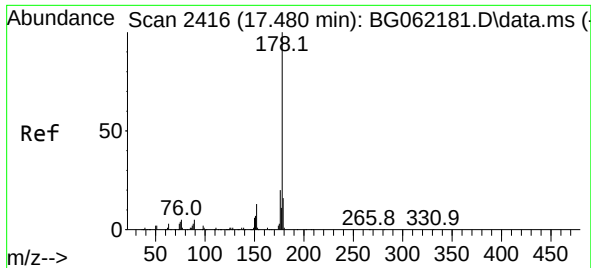
Instrument :
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ClientSampleId :
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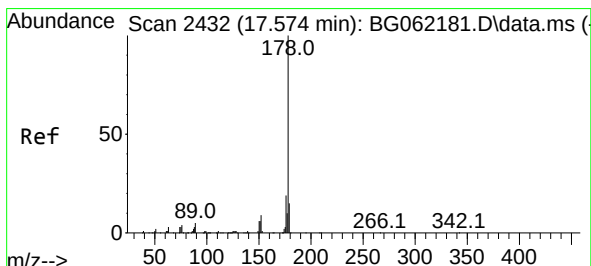
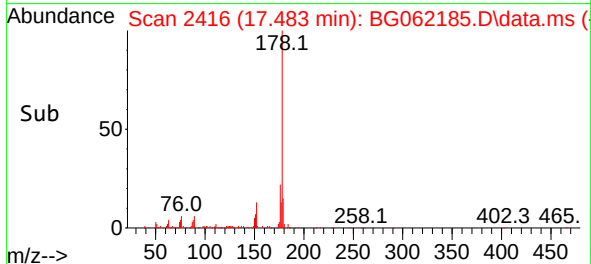
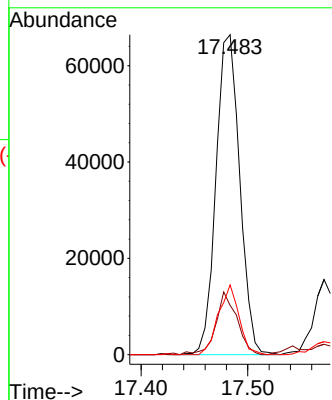
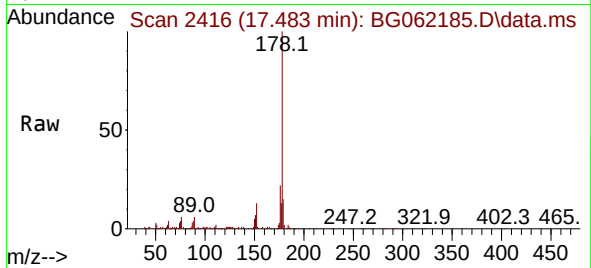
#72
Phenanthrene
Concen: 6.328 ng/ul
RT: 17.483 min Scan# 2416
Delta R.T. 0.003 min
Lab File: BG062185.D
Acq: 23 Jul 2024 14:31

Instrument :
BNA_G
ClientSampleId :
A4BA5

Tgt Ion:178 Resp: 102669
Ion Ratio Lower Upper
178 100
179 15.4 14.1 21.1
176 21.8 16.3 24.5

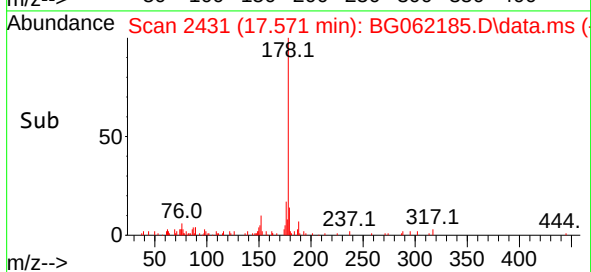
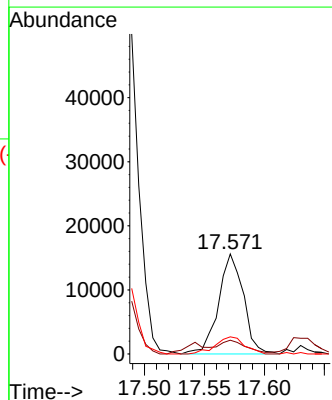
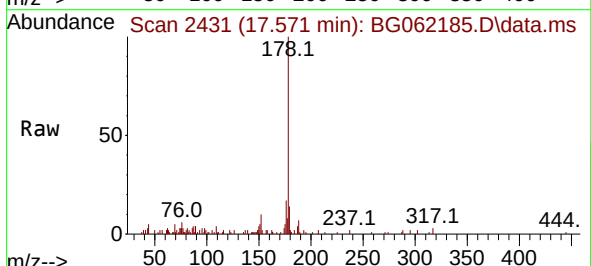
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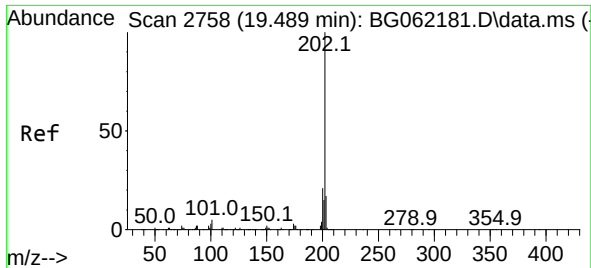
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#74
Anthracene
Concen: 1.356 ng/ul m
RT: 17.571 min Scan# 2431
Delta R.T. -0.003 min
Lab File: BG062185.D
Acq: 23 Jul 2024 14:31

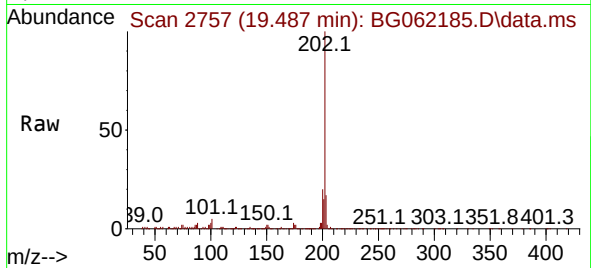
Tgt Ion:178 Resp: 22649
Ion Ratio Lower Upper
178 100
179 13.8 13.9 20.9#
176 17.2 16.3 24.5





#80
Fluoranthene
Concen: 12.403 ng/u1
RT: 19.487 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG062185.D
Acq: 23 Jul 2024 14:31

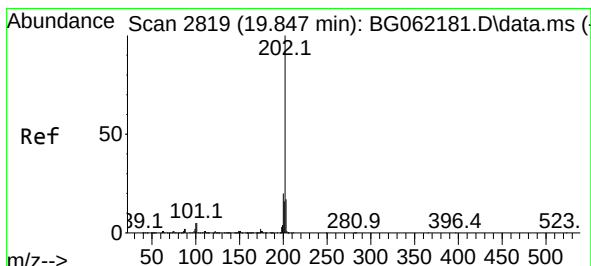
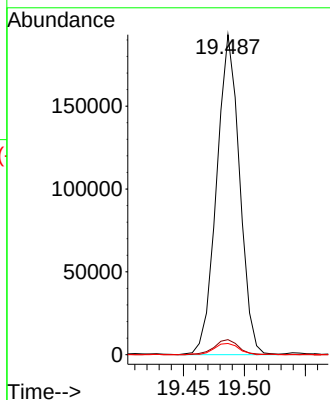
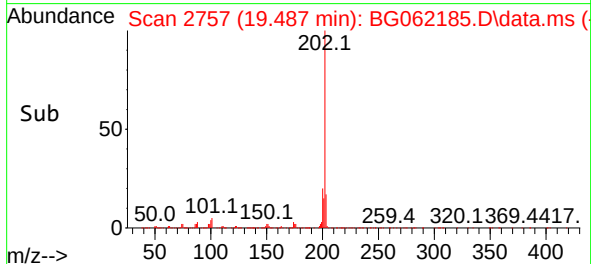
Instrument :
BNA_G
ClientSampleId :
A4BA5



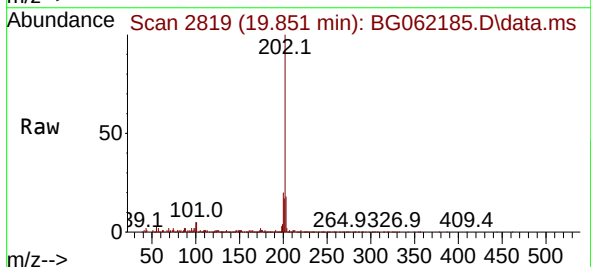
Tgt Ion:202 Resp: 25339
Ion Ratio Lower Upper
202 100
101 4.7 4.2 6.2
100 3.5 3.1 4.7

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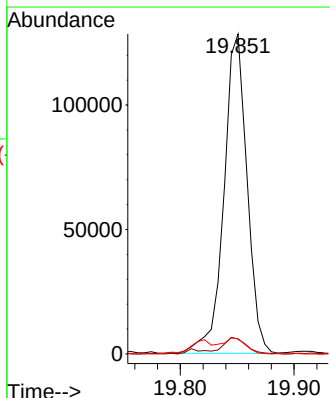
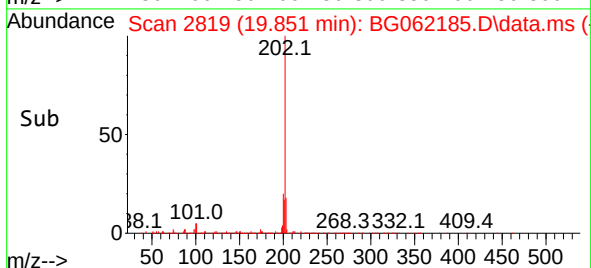
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

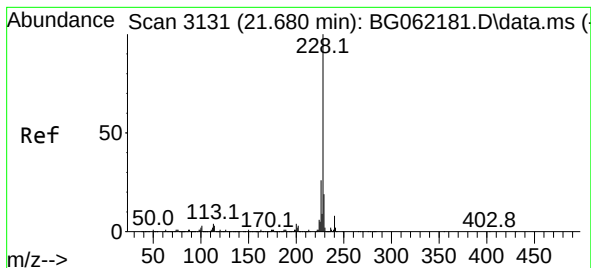


#82
Pyrene
Concen: 8.547 ng/u1
RT: 19.851 min Scan# 2819
Delta R.T. 0.003 min
Lab File: BG062185.D
Acq: 23 Jul 2024 14:31



Tgt Ion:202 Resp: 181559
Ion Ratio Lower Upper
202 100
101 4.6 4.2 6.4
100 4.8 4.0 6.0





#85

Benzo(a)anthracene

Concen: 4.953 ng/ul

RT: 21.684 min Scan# 3131

Delta R.T. 0.003 min

Lab File: BG062185.D

Acq: 23 Jul 2024 14:31

Instrument :

BNL_G

ClientSampleId :

A4BA5

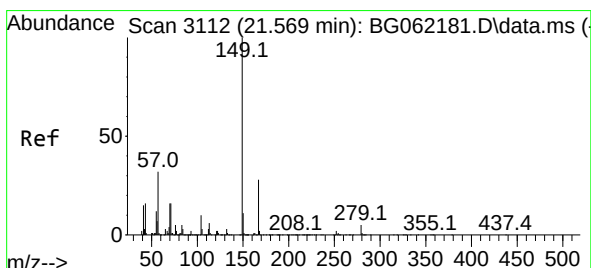
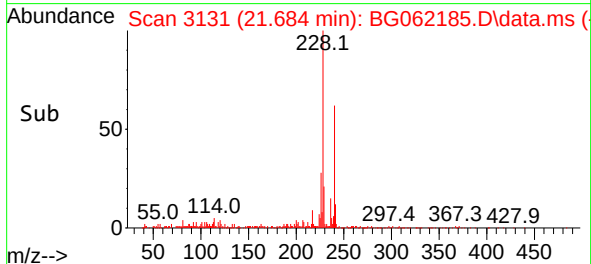
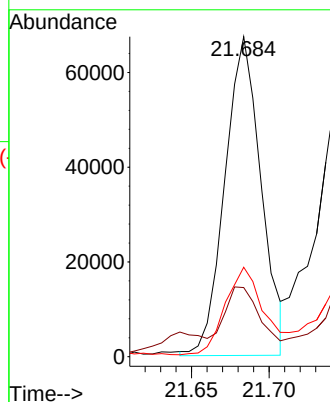
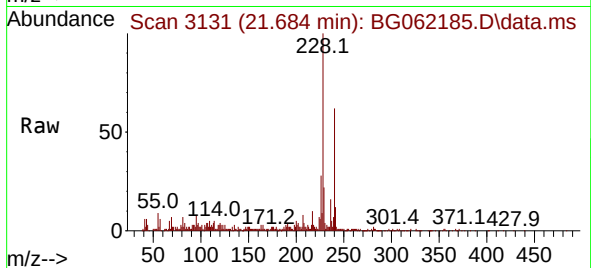
Tgt Ion:228 Resp: 109189

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.4	23.2
226	27.9	20.9	31.3

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#86

Bis(2-ethylhexyl)phthalate

Concen: 4.567 ng/ul

RT: 21.566 min Scan# 3111

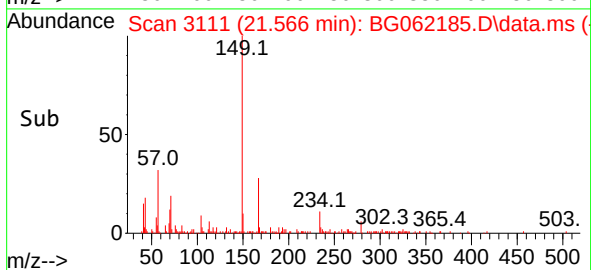
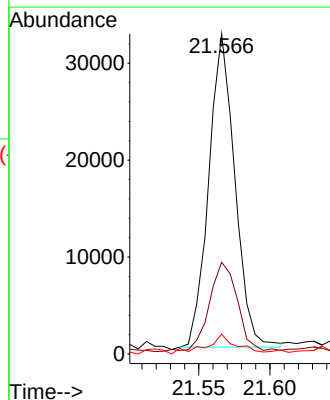
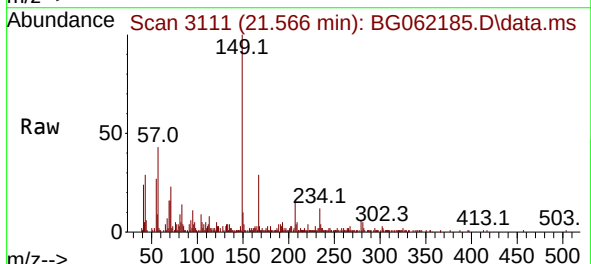
Delta R.T. -0.003 min

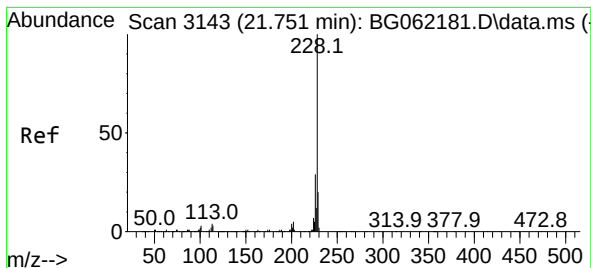
Lab File: BG062185.D

Acq: 23 Jul 2024 14:31

Tgt Ion:149 Resp: 41271

Ion	Ratio	Lower	Upper
149	100		
167	28.6	20.2	30.2
279	6.2	3.8	5.8





#87

Chrysene

Concen: 6.350 ng/ul m

RT: 21.748 min Scan# 3143

Delta R.T. -0.003 min

Lab File: BG062185.D

Acq: 23 Jul 2024 14:31

Instrument :

BNA_G

ClientSampleId :

A4BA5

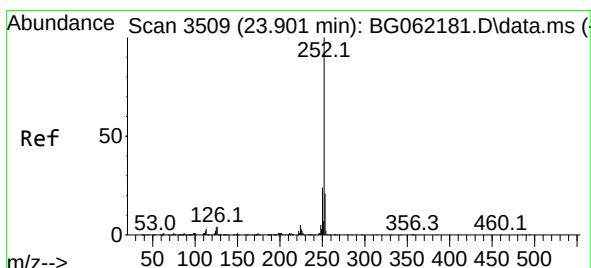
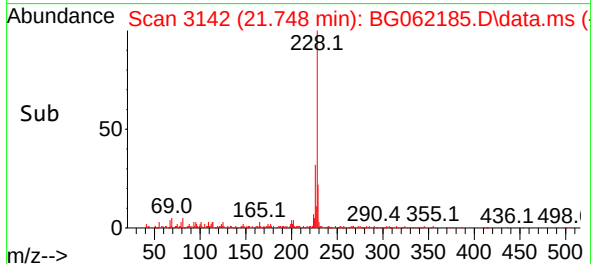
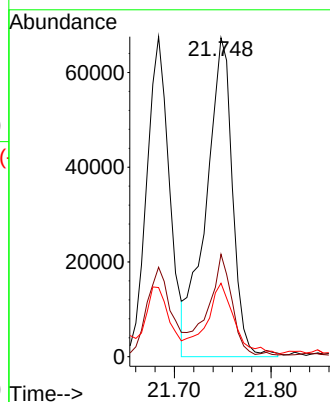
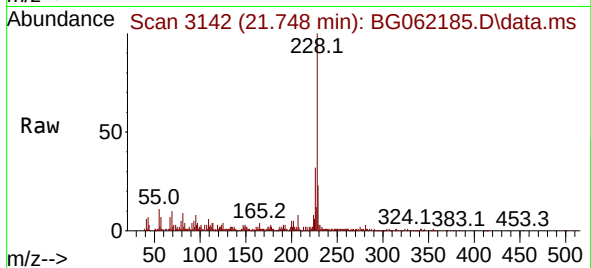
Tgt Ion:228 Resp: 128714

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.0	36.0
229	23.0	15.4	23.0

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#90

Benzo(b)fluoranthene

Concen: 7.939 ng/ul

RT: 23.910 min Scan# 3510

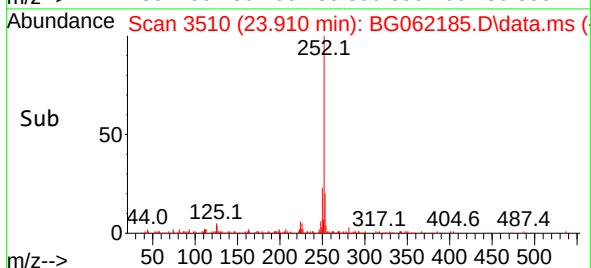
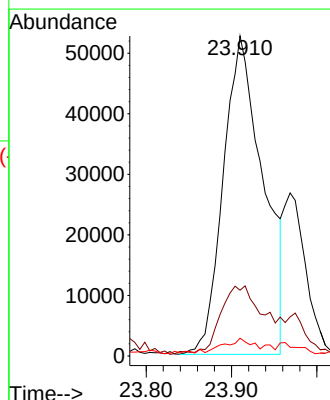
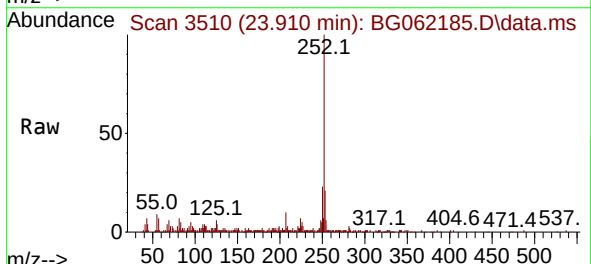
Delta R.T. 0.003 min

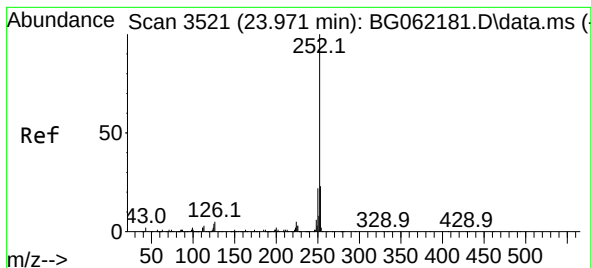
Lab File: BG062185.D

Acq: 23 Jul 2024 14:31

Tgt Ion:252 Resp: 170077

Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.2	25.8
125	5.6	3.4	5.0





#91

Benzo(k)fluoranthene

Concen: 2.208 ng/u1

RT: 23.969 min Scan# 3521

Delta R.T. -0.003 min

Lab File: BG062185.D

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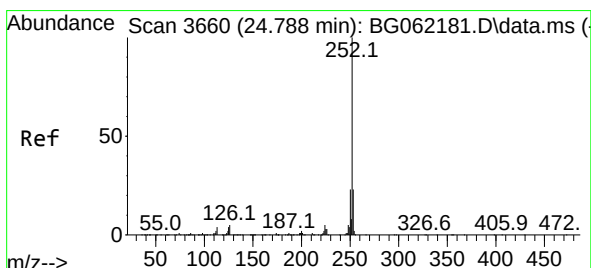
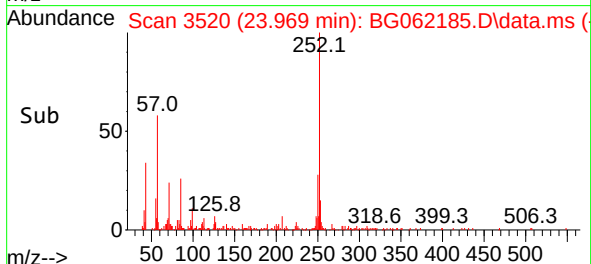
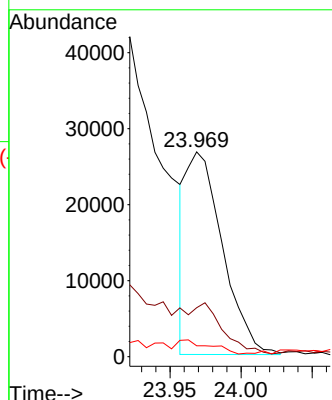
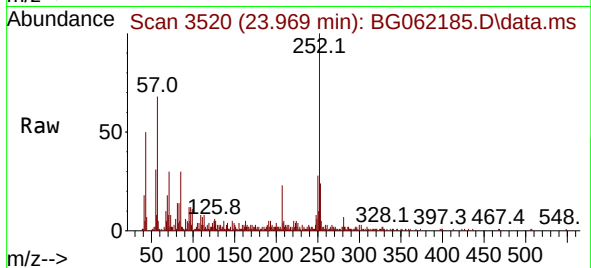
Tgt Ion:252 Resp: 47218

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	5.3	2.7	4.1

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#93

Benzo(a)pyrene

Concen: 2.982 ng/u1

RT: 24.779 min Scan# 3658

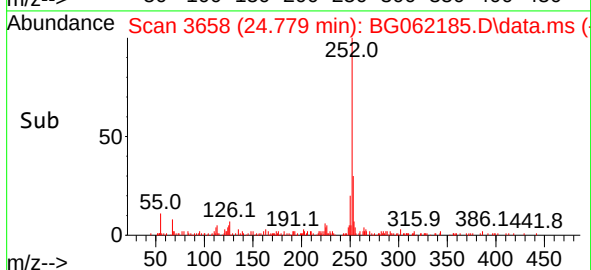
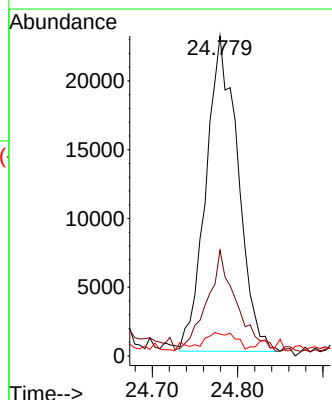
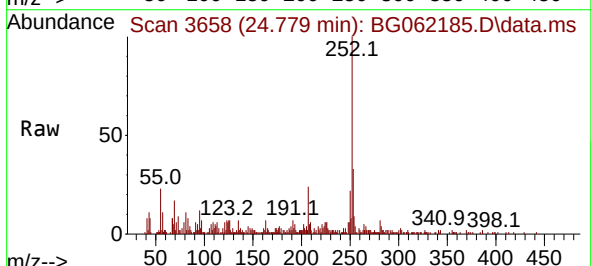
Delta R.T. -0.003 min

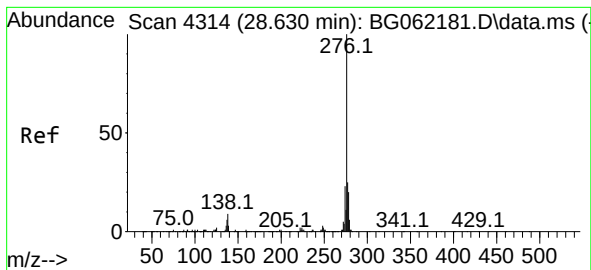
Lab File: BG062185.D

Acq: 23 Jul 2024 14:31

Tgt Ion:252 Resp: 59837

Ion	Ratio	Lower	Upper
252	100		
253	33.1	16.6	24.8#
125	6.8	3.0	4.4#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.647 ng/ul m

RT: 28.621 min Scan# 4312

Delta R.T. -0.003 min

Lab File: BG062185.D

Acq: 23 Jul 2024 14:31

Instrument :

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Tgt Ion:276 Resp: 61030

Ion Ratio Lower Upper

276 100

138 11.7 6.1 9.1

277 32.3 17.4 26.2

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