

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
 Data File : BG062077.D
 Acq On : 15 Jul 2024 20:45
 Operator : MA/JU
 Sample : P3100-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4D08

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 15 23:52:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	47157	20.000	ng/u1	0.00
20) Naphthalene-d8	10.856	136	211484	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.675	164	147442	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.424	188	335976	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.684	240	293518	20.000	ng/u1	# 0.00
88) Perylene-d12	24.910	264	346403	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.441	96	3745	2.984	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.219	99	122849m	23.805	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.366	67	66094	20.224	ng/u1	0.00
11) 2-Chlorophenol-d4	7.577	132	89398	25.254	ng/u1	0.00
15) 4-Methylphenol-d8	8.758	113	92956	22.877	ng/u1	0.01
21) Nitrobenzene-d5	9.216	128	46536	28.933	ng/u1	0.00
24) 2-Nitrophenol-d4	9.933	143	53956	29.375	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	108030	30.493	ng/u1	0.01
31) 4-Chloroaniline-d4	10.997	131	17163	3.337	ng/u1	0.01
46) Dimethylphthalate-d6	14.075	166	338022	27.886	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	370838	29.257	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	48205	24.902	ng/u1	0.02
60) Fluorene-d10	15.668	176	285598	27.987	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.785	200	37598	21.308	ng/u1	0.00
73) Anthracene-d10	17.524	188	449691	28.668	ng/u1	0.00
81) Pyrene-d10	19.804	212	409410	23.714	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.686	264	300870	17.513	ng/u1	0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.465	178	206615	11.663	ng/u1	98
74) Anthracene	17.554	178	41289	2.255	ng/u1	99
77) Carbazole	17.824	167	18856	1.224	ng/u1#	95
80) Fluoranthene	19.469	202	366730	17.949	ng/u1#	93
82) Pyrene	19.833	202	241706	11.452	ng/u1#	94
85) Benzo(a)anthracene	21.666	228	174739m	8.222	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.561	149	16211	1.275	ng/u1#	90
87) Chrysene	21.731	228	200838	10.095	ng/u1	97
90) Benzo(b)fluoranthene	23.887	252	282753	12.956	ng/u1	96
91) Benzo(k)fluoranthene	23.946	252	80951m	3.720	ng/u1	
93) Benzo(a)pyrene	24.751	252	83288m	4.030	ng/u1	
94) Indeno(1,2,3-cd)pyrene	28.588	276	70148m	2.656	ng/u1	
95) Dibenzo(a,h)anthracene	28.647	278	32339m	1.483	ng/u1	

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

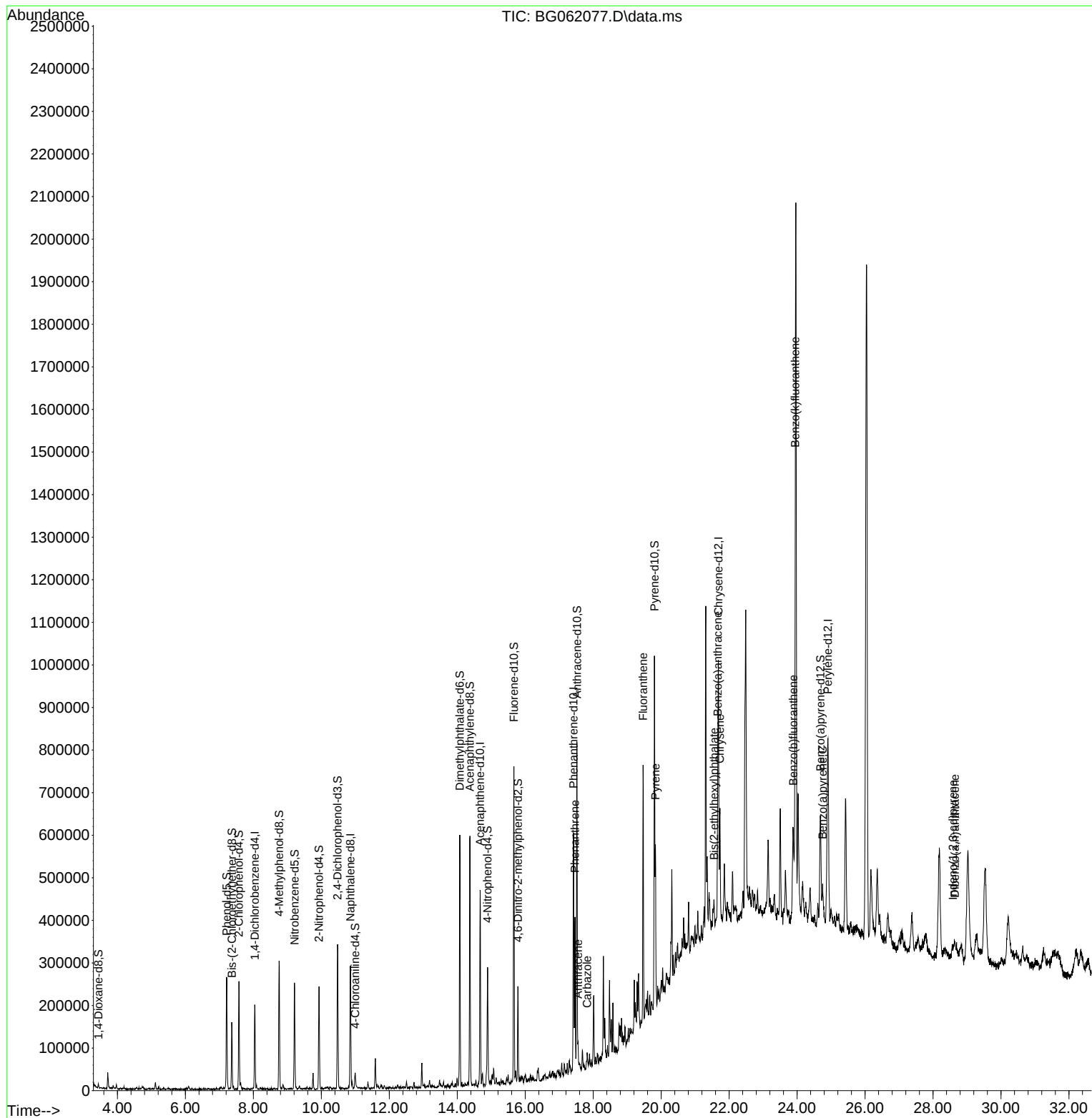
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062077.D
Acq On : 15 Jul 2024 20:45
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

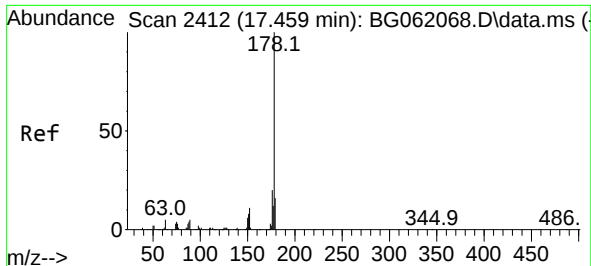
Instrument :
BNA_G
ClientSampleId :
A4D08

Quant Time: Jul 15 23:52:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
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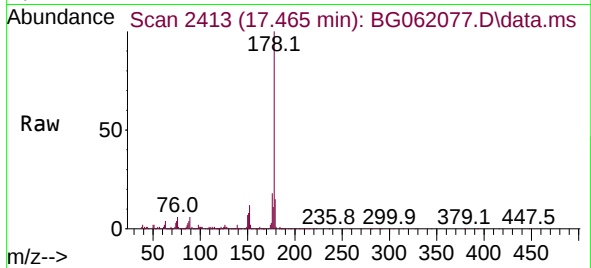
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024





#72
Phenanthrene
Concen: 11.663 ng/uI
RT: 17.465 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BG062077.D
Acq: 15 Jul 2024 20:45

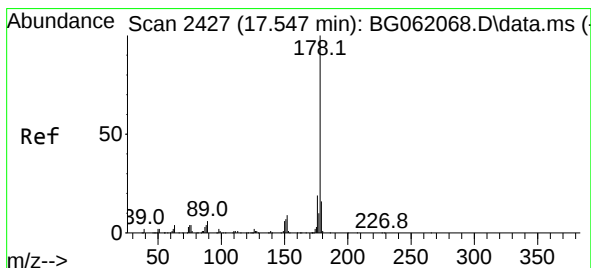
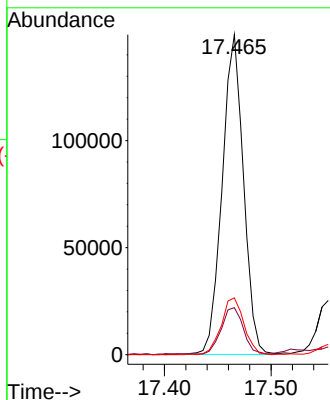
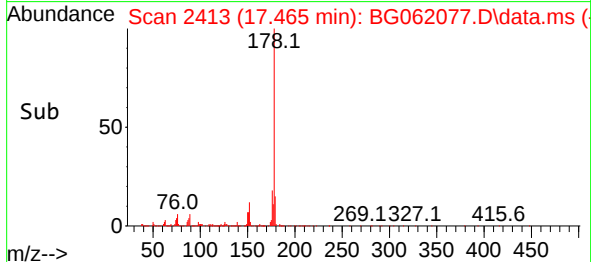
Instrument :
BNA_G
ClientSampleId :
A4D08



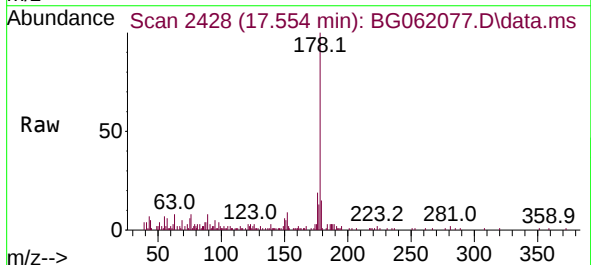
Tgt Ion:178 Resp: 206615
Ion Ratio Lower Upper
178 100
179 14.7 11.9 17.9
176 17.7 15.5 23.3

Manual Integrations
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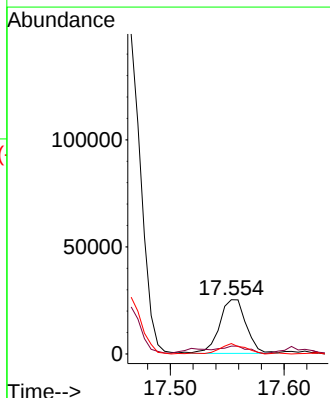
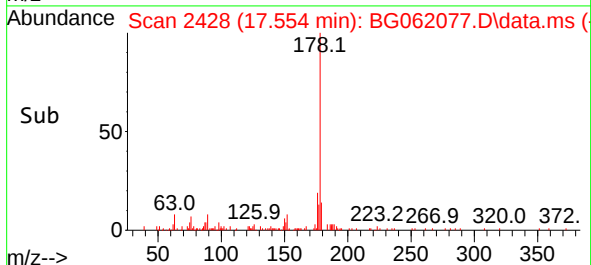
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024

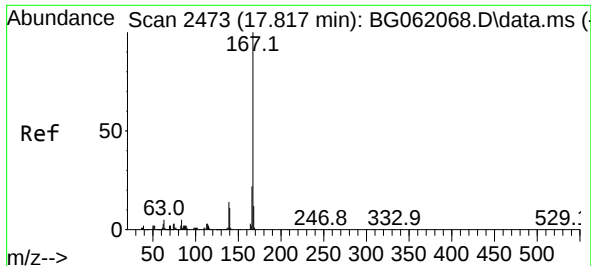


#74
Anthracene
Concen: 2.255 ng/uI
RT: 17.554 min Scan# 2428
Delta R.T. 0.001 min
Lab File: BG062077.D
Acq: 15 Jul 2024 20:45



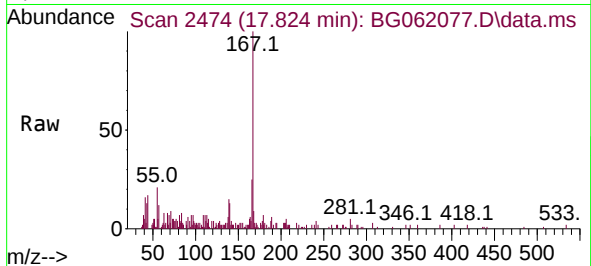
Tgt Ion:178 Resp: 41289
Ion Ratio Lower Upper
178 100
179 14.6 11.9 17.9
176 19.2 14.7 22.1





#77
Carbazole
Concen: 1.224 ng/ul
RT: 17.824 min Scan# 2473
Delta R.T. 0.006 min
Lab File: BG062077.D
Acq: 15 Jul 2024 20:45

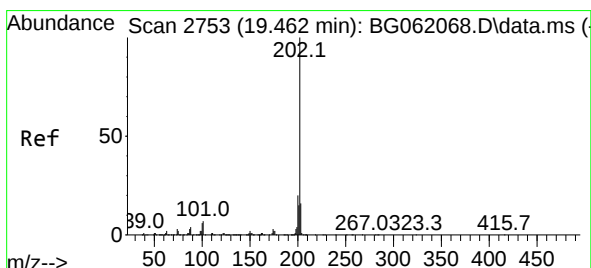
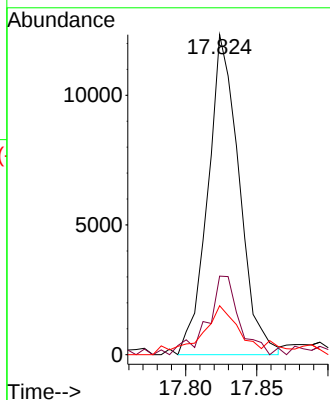
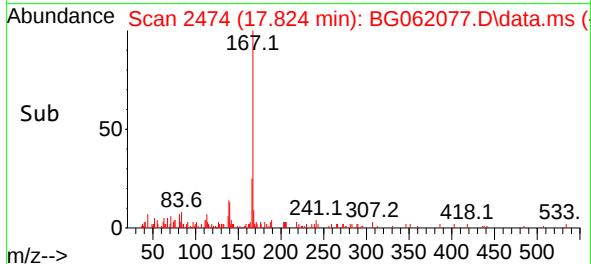
Instrument :
BNA_G
ClientSampleId :
A4D08



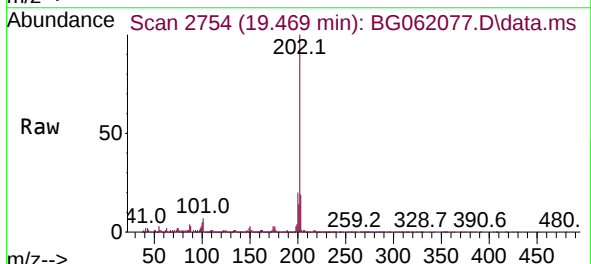
Tgt Ion:167 Resp: 18850
Ion Ratio Lower Upper
167 100
166 24.5 18.2 27.2
139 15.3 9.6 14.4

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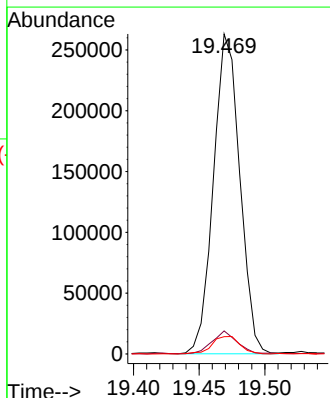
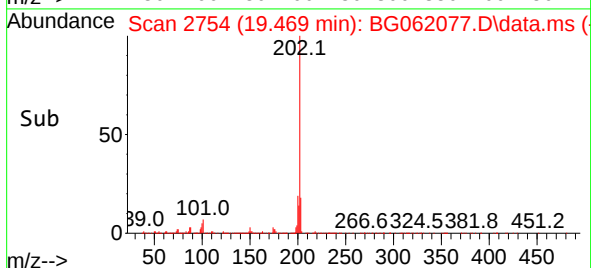
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024

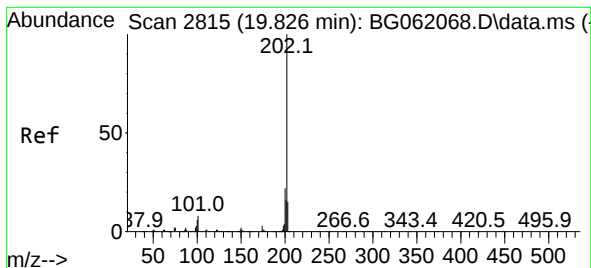


#80
Fluoranthene
Concen: 17.949 ng/ul
RT: 19.469 min Scan# 2754
Delta R.T. 0.006 min
Lab File: BG062077.D
Acq: 15 Jul 2024 20:45



Tgt Ion:202 Resp: 366730
Ion Ratio Lower Upper
202 100
101 7.2 7.4 11.2#
100 5.4 6.6 10.0#





#82

Pyrene

Concen: 11.452 ng/ul

RT: 19.833 min Scan# 2

Delta R.T. 0.007 min

Lab File: BG062077.D

Acq: 15 Jul 2024 20:45

Instrument :

BNA_G

ClientSampleId :

A4D08

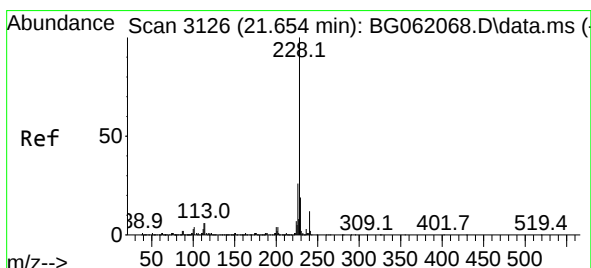
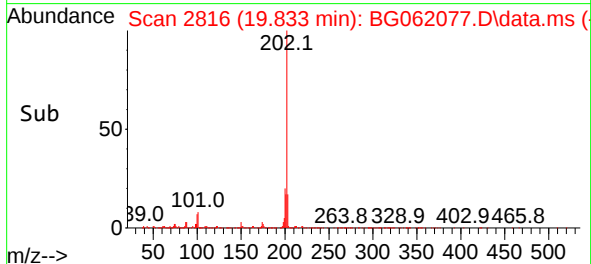
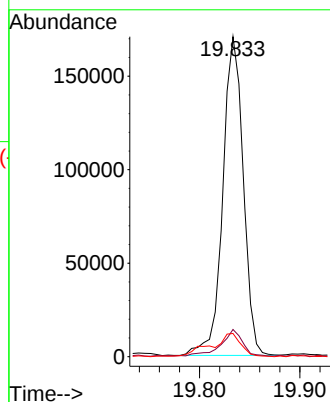
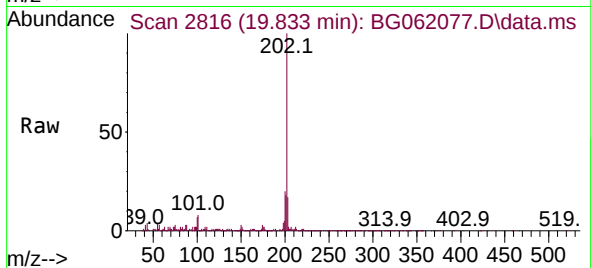
Tgt Ion:	202	Resp:	241700
Ion Ratio	Lower	Upper	
202	100		
101	8.5	8.8	13.2
100	7.3	7.6	11.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/20/2024



#85

Benzo(a)anthracene

Concen: 8.222 ng/ul m

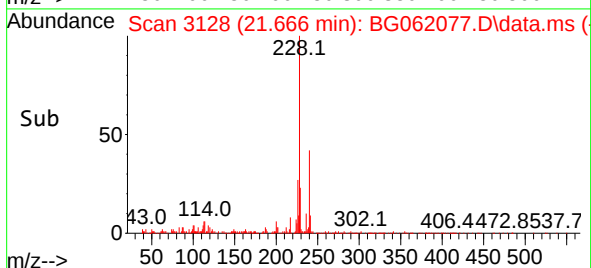
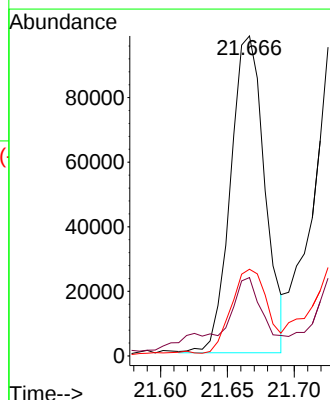
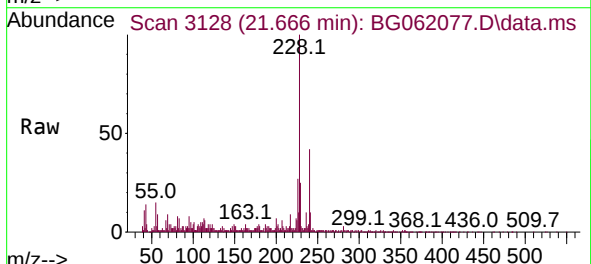
RT: 21.666 min Scan# 3128

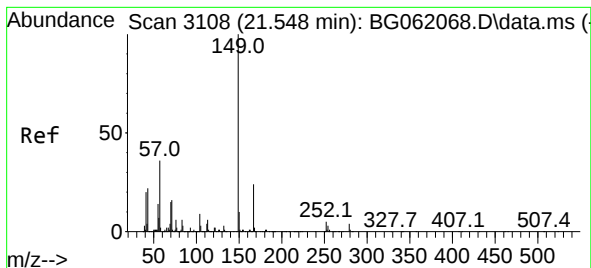
Delta R.T. 0.012 min

Lab File: BG062077.D

Acq: 15 Jul 2024 20:45

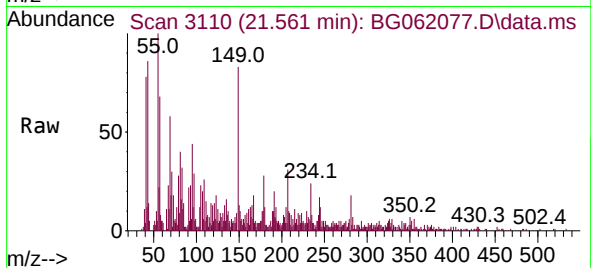
Tgt Ion:	228	Resp:	174739
Ion Ratio	Lower	Upper	
228	100		
229	24.5	15.7	23.5
226	27.1	21.7	32.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.275 ng/ul
RT: 21.561 min Scan# 3110
Delta R.T. 0.006 min
Lab File: BG062077.D
Acq: 15 Jul 2024 20:45

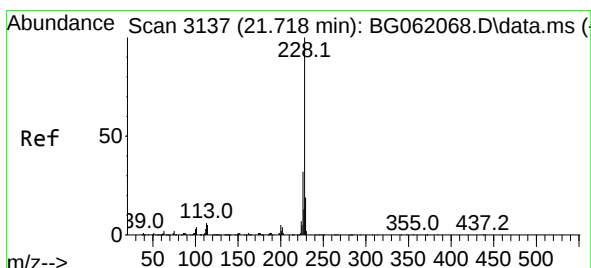
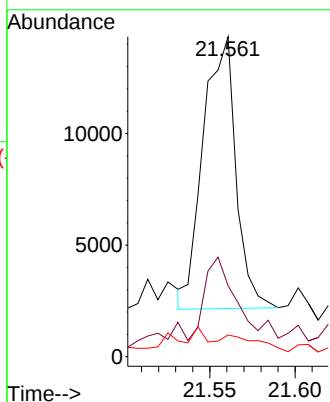
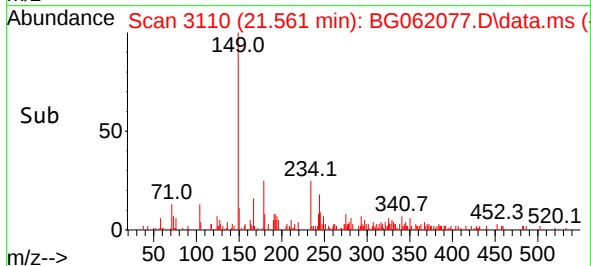
Instrument :
BNA_G
ClientSampleId :
A4D08



Tgt Ion:149 Resp: 1621
Ion Ratio Lower Upper
149 100
167 22.2 21.7 32.5
279 6.8 2.8 4.2

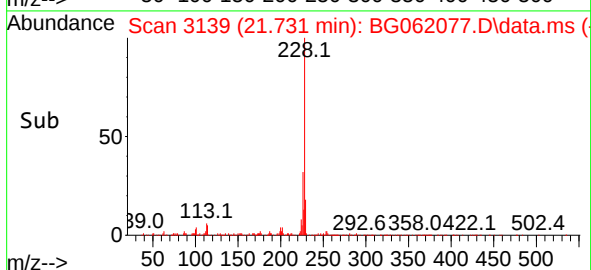
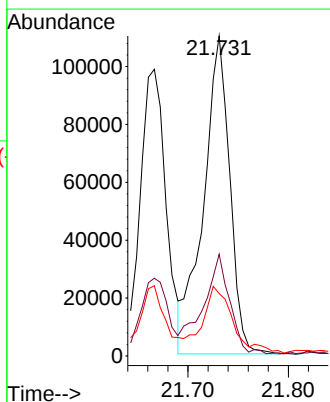
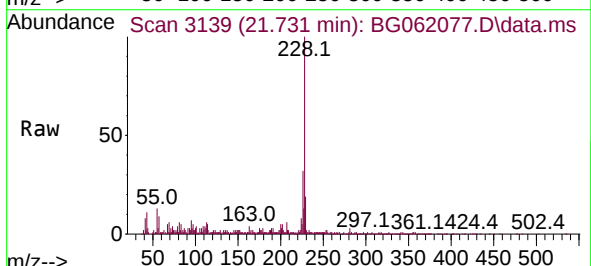
Manual Integrations
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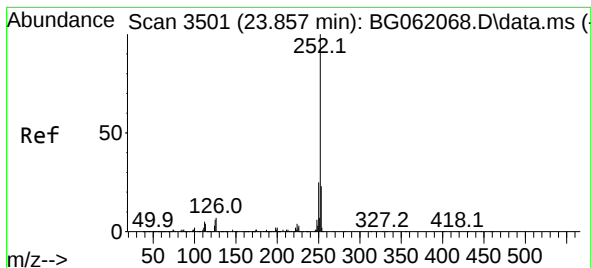
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024



#87
Chrysene
Concen: 10.095 ng/ul
RT: 21.731 min Scan# 3139
Delta R.T. 0.006 min
Lab File: BG062077.D
Acq: 15 Jul 2024 20:45

Tgt Ion:228 Resp: 200838
Ion Ratio Lower Upper
228 100
226 31.8 23.3 34.9
229 19.5 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 12.956 ng/ul

RT: 23.887 min Scan# 3506

Delta R.T. 0.030 min

Lab File: BG062077.D

Acq: 15 Jul 2024 20:45

Instrument :

BNA_G

ClientSampleId :

A4D08

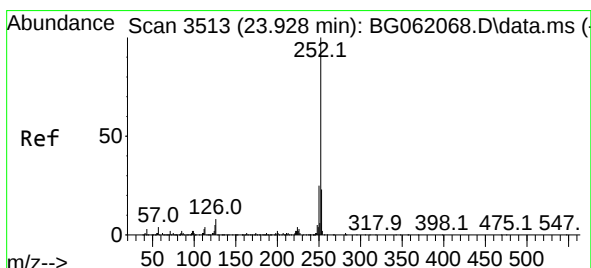
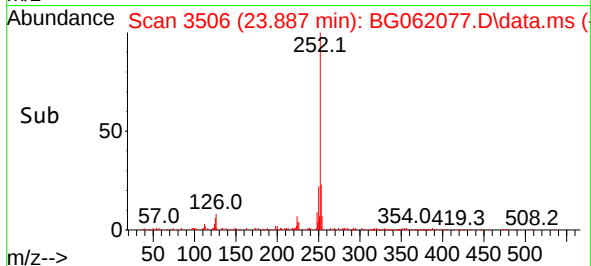
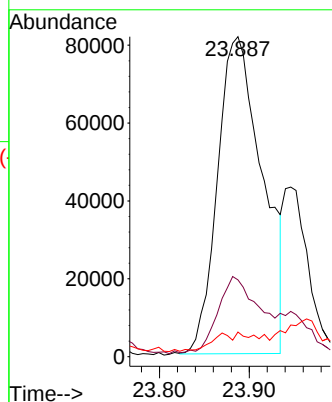
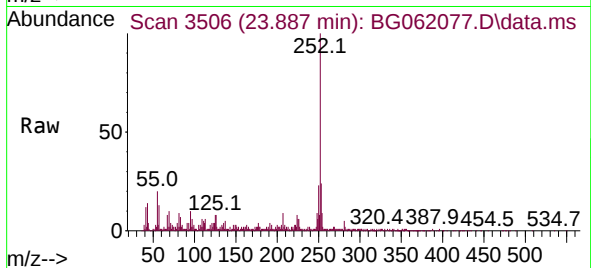
Tgt Ion:252 Resp: 28275
 Ion Ratio Lower Upper
 252 100
 253 24.0 17.2 25.8
 125 7.7 6.1 9.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/20/2024



#91

Benzo(k)fluoranthene

Concen: 3.720 ng/ul m

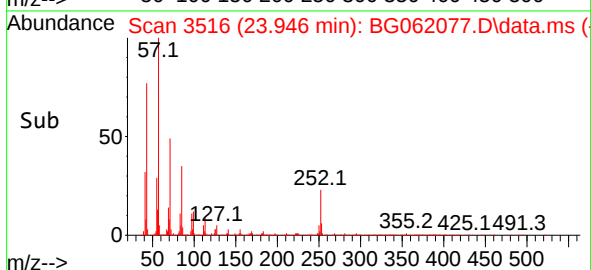
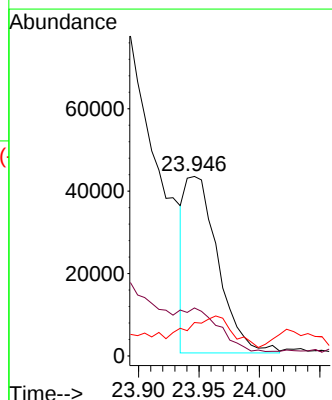
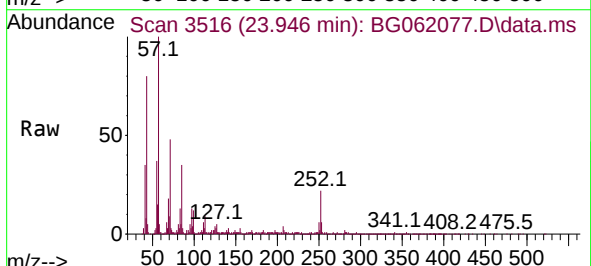
RT: 23.946 min Scan# 3516

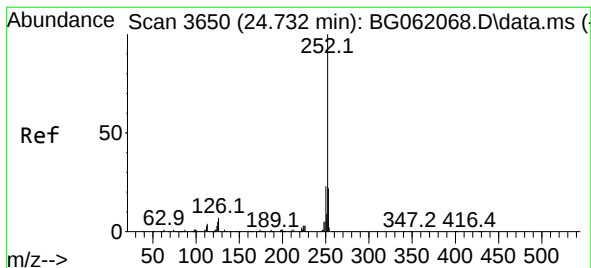
Delta R.T. 0.024 min

Lab File: BG062077.D

Acq: 15 Jul 2024 20:45

Tgt Ion:252 Resp: 80951
 Ion Ratio Lower Upper
 252 100
 253 26.7 19.3 28.9
 125 18.6 6.3 9.5#





#93

Benzo(a)pyrene

Concen: 4.030 ng/ul m

RT: 24.751 min Scan# 3

Delta R.T. 0.024 min

Lab File: BG062077.D

Acq: 15 Jul 2024 20:45

Instrument :

BNA_G

ClientSampleId :

A4D08

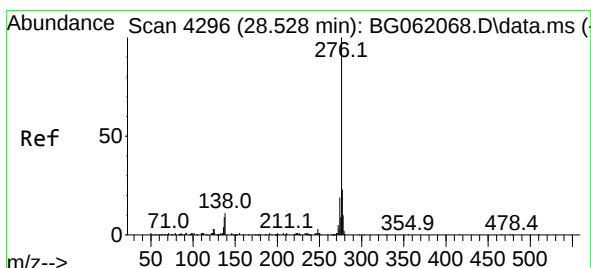
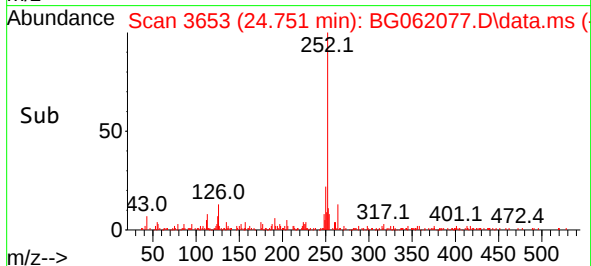
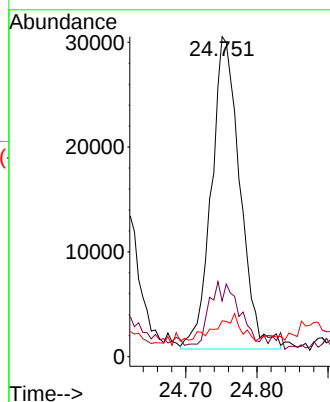
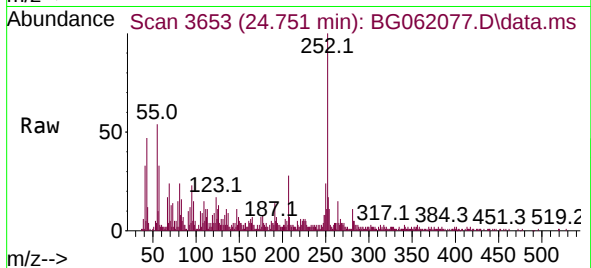
Tgt Ion:	252	Resp:	8328
Ion Ratio	Lower	Upper	
252	100		
253	17.4	16.5	24.7
125	11.2	7.4	11.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/20/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.656 ng/ul m

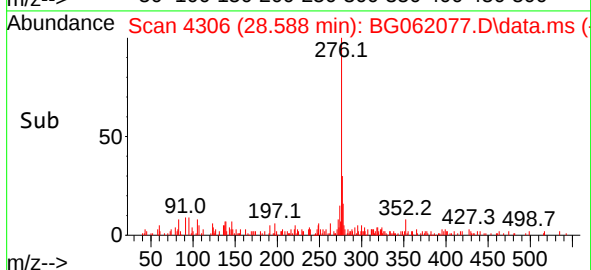
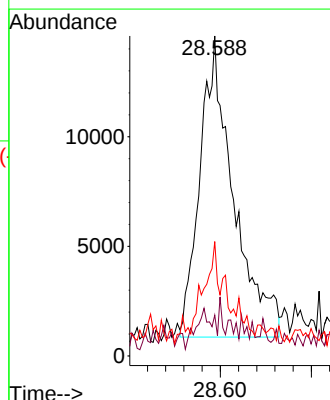
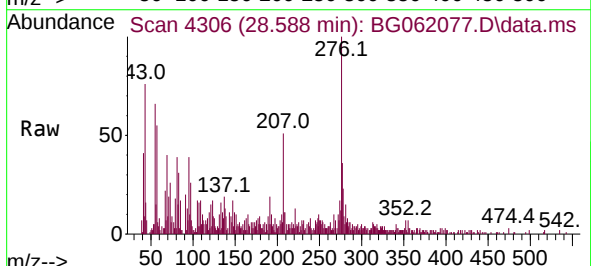
RT: 28.588 min Scan# 4306

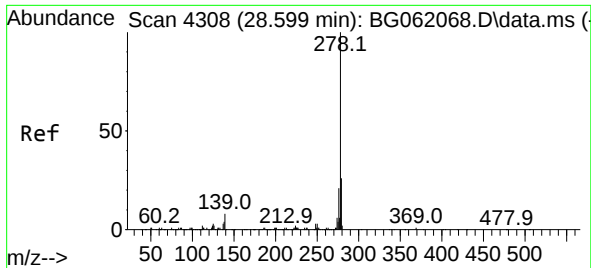
Delta R.T. 0.053 min

Lab File: BG062077.D

Acq: 15 Jul 2024 20:45

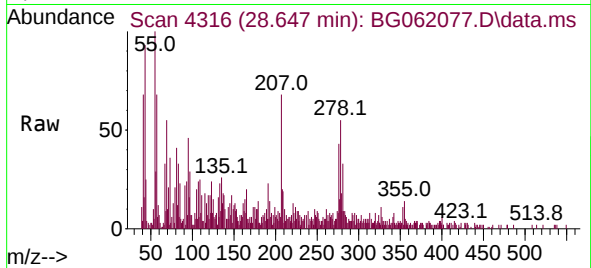
Tgt Ion:	276	Resp:	70148
Ion Ratio	Lower	Upper	
276	100		
138	12.7	11.9	17.9
277	35.8	19.3	28.9





#95
 Dibenzo(a,h)anthracene
 Concen: 1.483 ng/ul m
 RT: 28.647 min Scan# 4316
 Delta R.T. 0.053 min
 Lab File: BG062077.D
 Acq: 15 Jul 2024 20:45

Instrument :
 BNA_G
 ClientSampleId :
 A4D08



Tgt Ion:278 Resp: 32339
 Ion Ratio Lower Upper
 278 100
 139 17.9 7.6 11.4
 279 32.1 18.8 28.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
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