

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
 Data File : BG061993.D
 Acq On : 10 Jul 2024 11:08
 Operator : MA/JU
 Sample : P3102-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CE1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2024
 Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 12:13:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	45529	20.000	ng/u1	0.00
20) Naphthalene-d8	10.906	136	241111	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.713	164	168239	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	382518	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.717	240	334750	20.000	ng/u1	0.00
88) Perylene-d12	24.954	264	411349	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.479	96	4177	3.448	ng/uL	0.00
4) Pyridine-d5	3.914	84	5208m	1.398	ng/u1	0.00
7) Phenol-d5	7.246	99	136263	27.348	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	77411	24.534	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	92302	27.007	ng/u1	-0.01
15) 4-Methylphenol-d8	8.791	113	103881	26.480	ng/u1	0.00
21) Nitrobenzene-d5	9.261	128	49833	27.176	ng/u1	0.00
24) 2-Nitrophenol-d4	9.978	143	59884	28.597	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.518	165	118548	29.350	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.041	131	38192	6.513	ng/u1	0.00
46) Dimethylphthalate-d6	14.114	166	381180	27.559	ng/u1	0.00
49) Acenaphthylene-d8	14.414	160	421935	29.174	ng/u1	0.00
54) 4-Nitrophenol-d4	14.907	143	54117	24.500	ng/u1	0.00
60) Fluorene-d10	15.706	176	331162	28.441	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.818	200	58888	29.313	ng/u1	0.00
73) Anthracene-d10	17.557	188	484960	27.155	ng/u1	0.00
81) Pyrene-d10	19.837	212	483231	24.542	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.731	264	391201	19.176	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.498	178	227946	11.302	ng/u1	97
74) Anthracene	17.586	178	43645m	2.094	ng/u1	
77) Carbazole	17.857	167	22376	1.276	ng/u1#	87
80) Fluoranthene	19.502	202	459845	19.734	ng/u1#	94
82) Pyrene	19.860	202	332937	13.832	ng/u1	96
85) Benzo(a)anthracene	21.693	228	220648	9.104	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.593	149	118657	8.186	ng/u1#	98
87) Chrysene	21.758	228	243140	10.716	ng/u1	94
90) Benzo(b)fluoranthene	23.926	252	348784	13.458	ng/u1	95
91) Benzo(k)fluoranthene	23.991	252	126674m	4.902	ng/u1	
93) Benzo(a)pyrene	24.796	252	128737	5.246	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.644	276	137353m	4.380	ng/u1	
95) Dibenzo(a,h)anthracene	28.691	278	46550m	1.797	ng/u1	

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

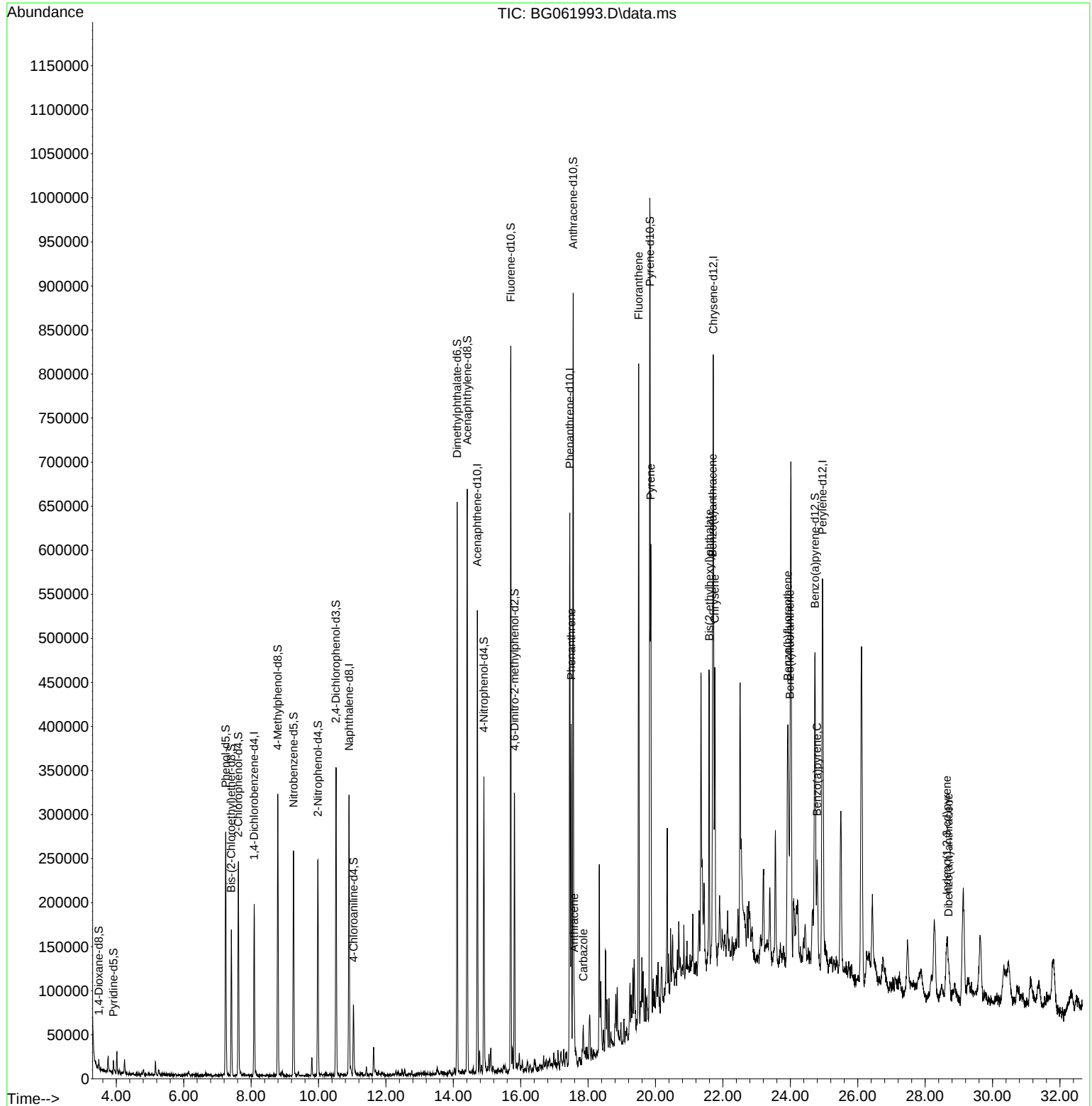
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061993.D
Acq On : 10 Jul 2024 11:08
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

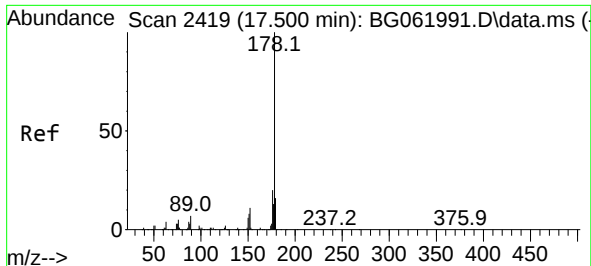
Instrument :
BNA_G
ClientSampleId :
A4CE1

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Supervised By :mohammad ahmed 07/11/2024

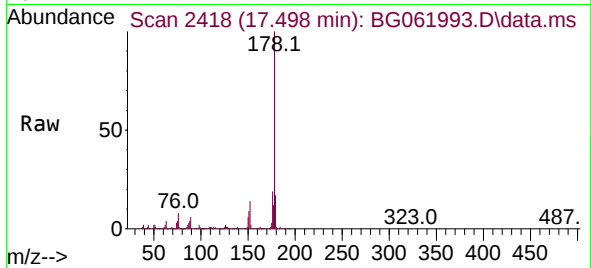
Quant Time: Jul 10 12:13:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 11.302 ng/ul
RT: 17.498 min Scan# 2419
Delta R.T. -0.008 min
Lab File: BG061993.D
Acq: 10 Jul 2024 11:08

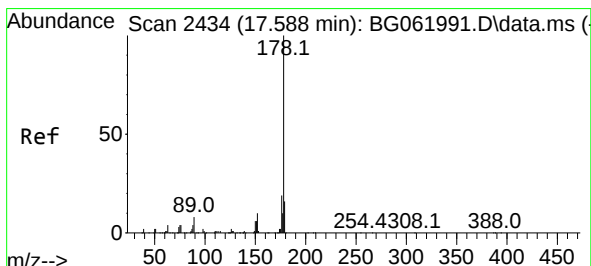
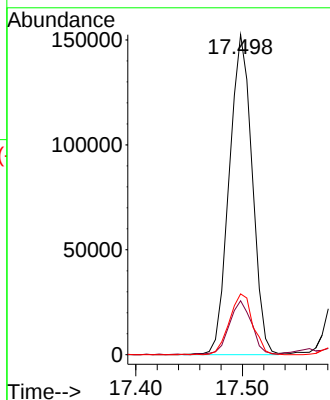
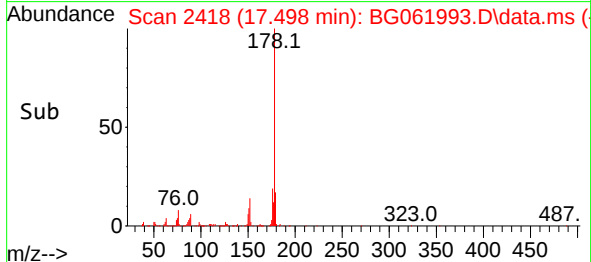
Instrument :
BNA_G
ClientSampleId :
A4CE1



Tgt Ion:178 Resp: 227940
Ion Ratio Lower Upper
178 100
179 16.8 11.9 17.9
176 19.0 15.5 23.3

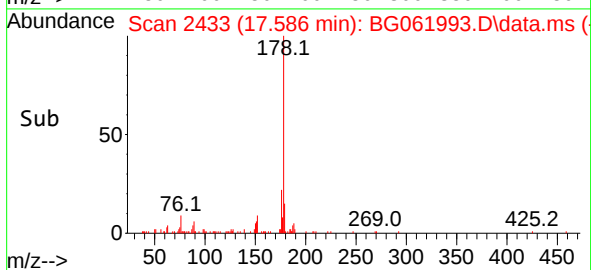
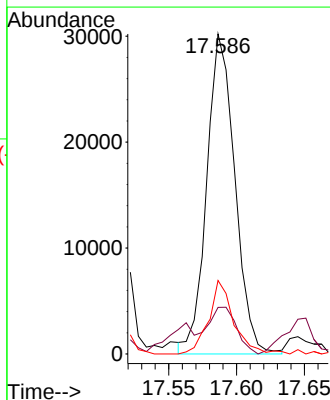
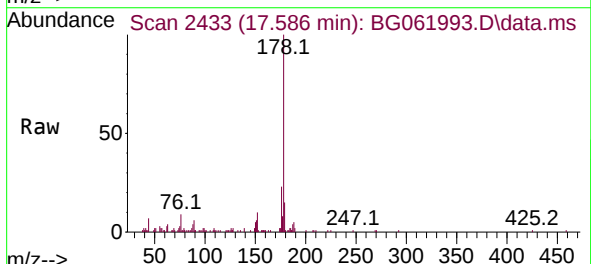
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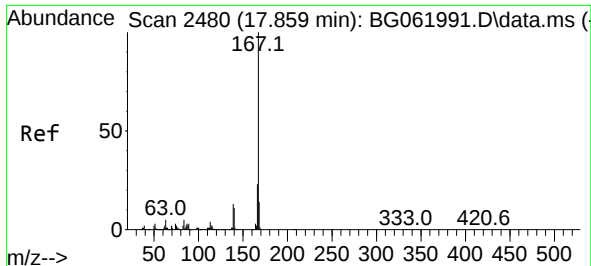
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#74
Anthracene
Concen: 2.094 ng/ul m
RT: 17.586 min Scan# 2433
Delta R.T. -0.008 min
Lab File: BG061993.D
Acq: 10 Jul 2024 11:08

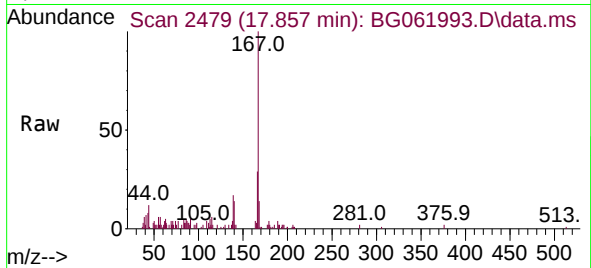
Tgt Ion:178 Resp: 43645
Ion Ratio Lower Upper
178 100
179 14.5 11.9 17.9
176 22.9 14.7 22.1#





#77
Carbazole
Concen: 1.276 ng/ul
RT: 17.857 min Scan# 2480
Delta R.T. -0.008 min
Lab File: BG061993.D
Acq: 10 Jul 2024 11:08

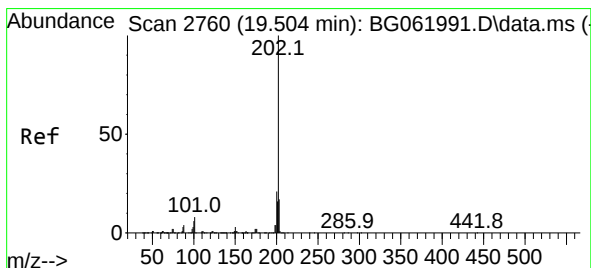
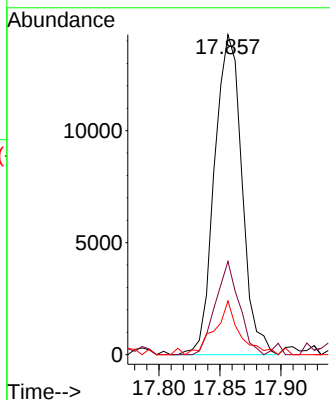
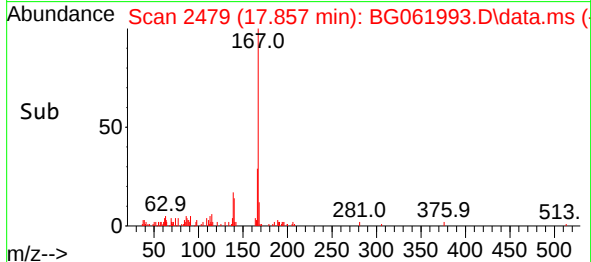
Instrument :
BNA_G
ClientSampleId :
A4CE1



Tgt Ion:167 Resp: 22370
Ion Ratio Lower Upper
167 100
166 29.1 18.2 27.2
139 16.8 9.6 14.4

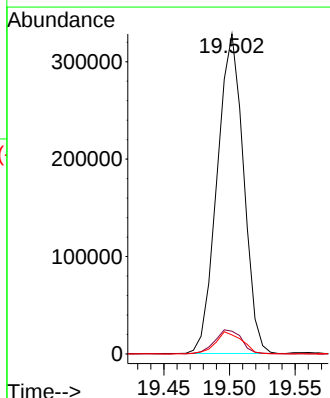
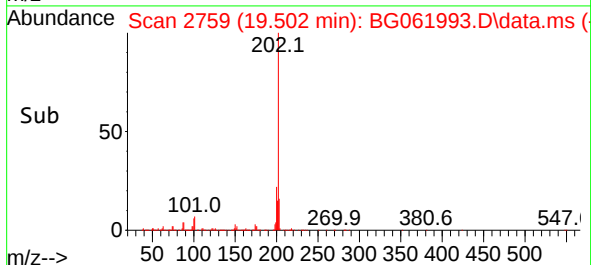
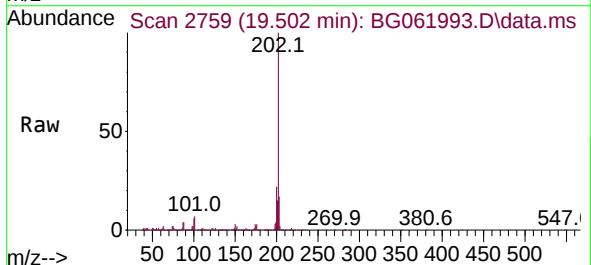
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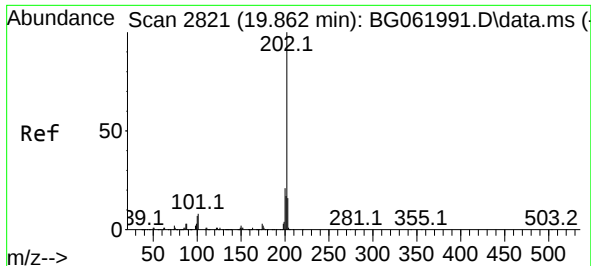
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#80
Fluoranthene
Concen: 19.734 ng/ul
RT: 19.502 min Scan# 2759
Delta R.T. -0.002 min
Lab File: BG061993.D
Acq: 10 Jul 2024 11:08

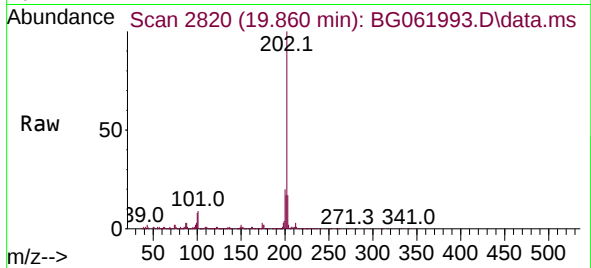
Tgt Ion:202 Resp: 459845
Ion Ratio Lower Upper
202 100
101 7.1 7.4 11.2#
100 6.0 6.6 10.0#





#82
Pyrene
Concen: 13.832 ng/ul
RT: 19.860 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG061993.D
Acq: 10 Jul 2024 11:08

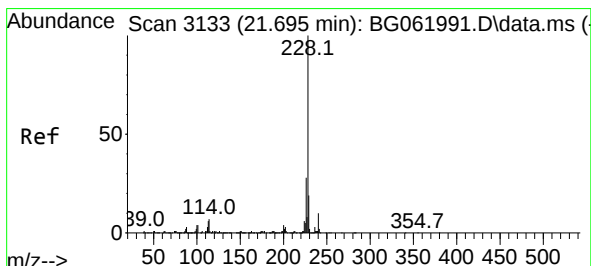
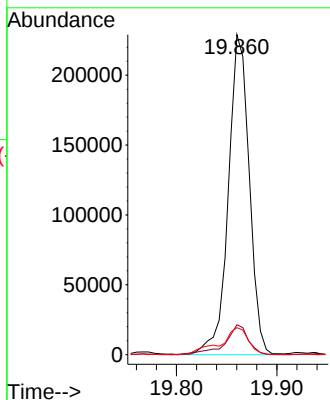
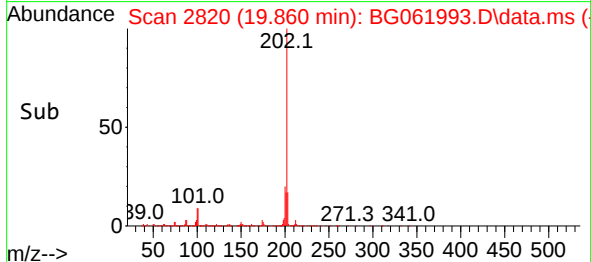
Instrument :
BNA_G
ClientSampleId :
A4CE1



Tgt Ion:202 Resp: 33293
Ion Ratio Lower Upper
202 100
101 9.4 8.8 13.2
100 8.5 7.6 11.4

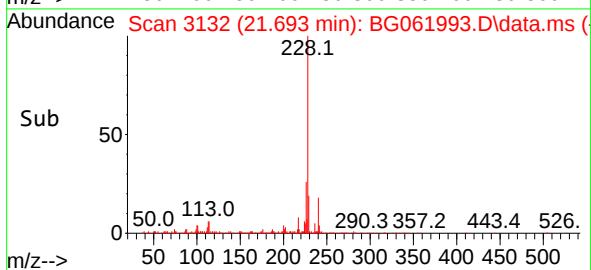
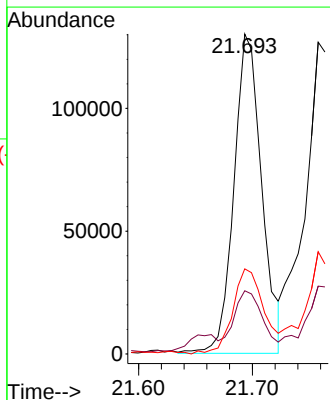
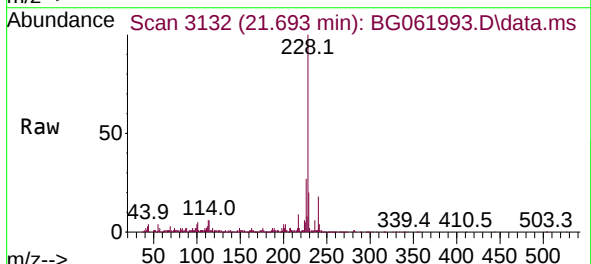
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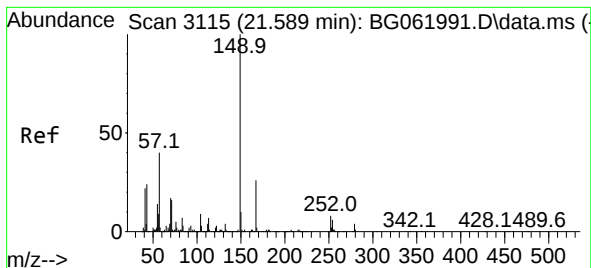
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#85
Benzo(a)anthracene
Concen: 9.104 ng/ul
RT: 21.693 min Scan# 3132
Delta R.T. -0.008 min
Lab File: BG061993.D
Acq: 10 Jul 2024 11:08

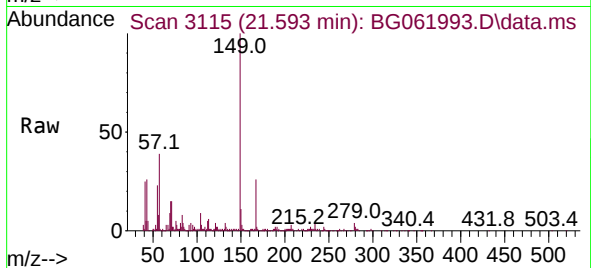
Tgt Ion:228 Resp: 220648
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 26.6 21.7 32.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 8.186 ng/ul
RT: 21.593 min Scan# 3115
Delta R.T. -0.008 min
Lab File: BG061993.D
Acq: 10 Jul 2024 11:08

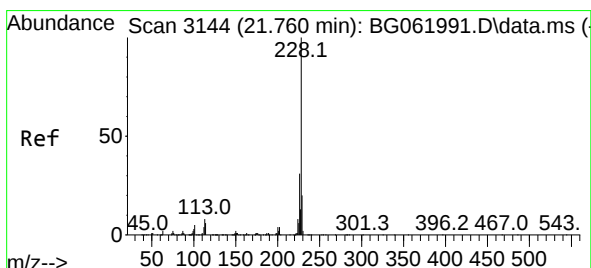
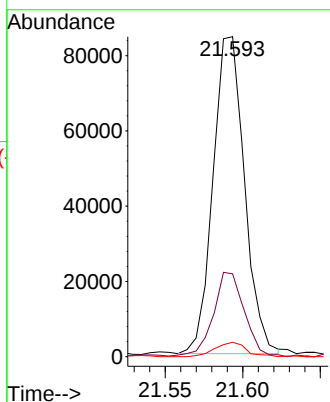
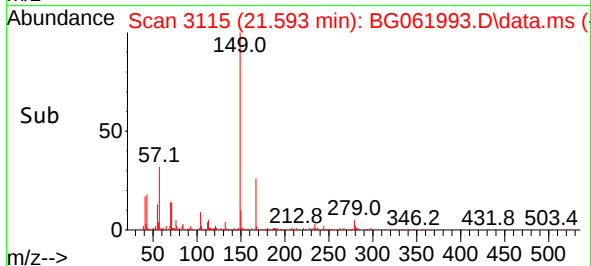
Instrument :
BNA_G
ClientSampleId :
A4CE1



Tgt Ion:149 Resp: 11865
Ion Ratio Lower Upper
149 100
167 25.9 21.7 32.5
279 4.5 2.8 4.2

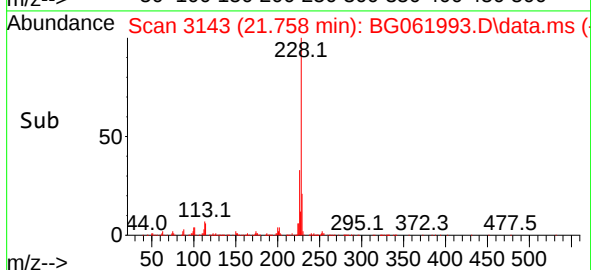
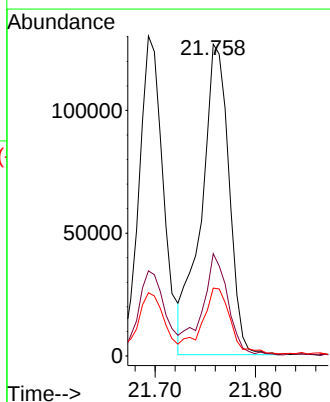
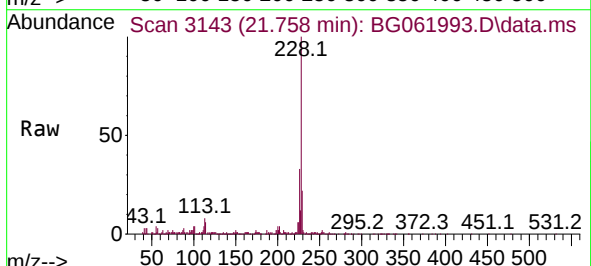
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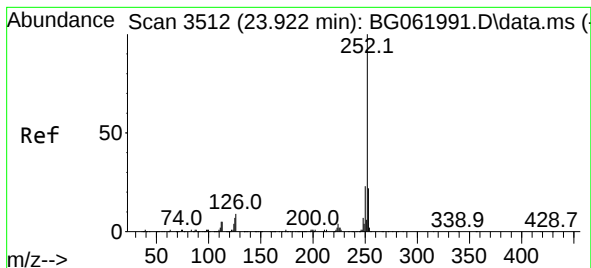
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#87
Chrysene
Concen: 10.716 ng/ul
RT: 21.758 min Scan# 3143
Delta R.T. -0.014 min
Lab File: BG061993.D
Acq: 10 Jul 2024 11:08

Tgt Ion:228 Resp: 243140
Ion Ratio Lower Upper
228 100
226 32.8 23.3 34.9
229 21.8 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 13.458 ng/ul

RT: 23.926 min Scan# 3512

Delta R.T. -0.008 min

Lab File: BG061993.D

Acq: 10 Jul 2024 11:08

Instrument :

BNA_G

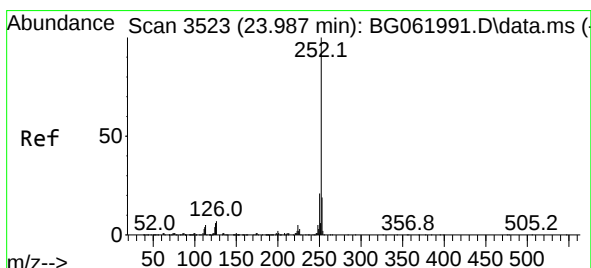
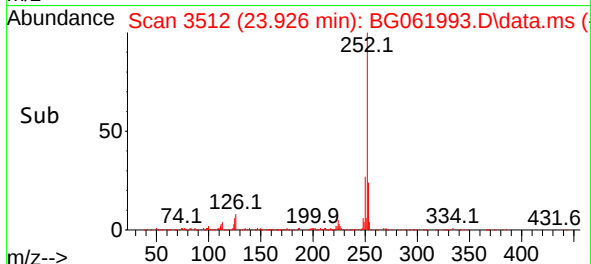
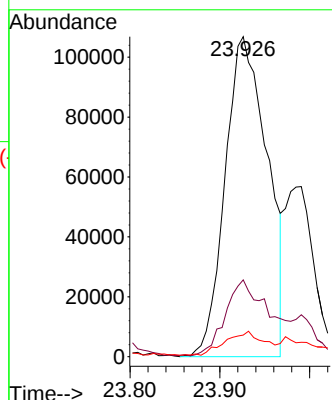
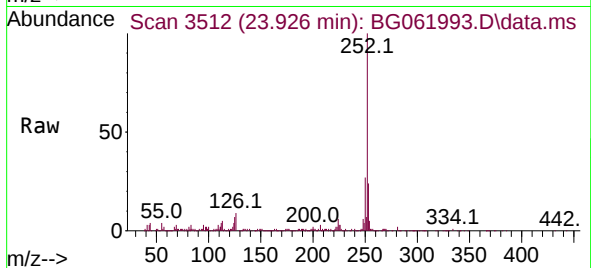
ClientSampleId :

A4CE1

Tgt Ion:252 Resp: 348784
 Ion Ratio Lower Upper
 252 100
 253 24.0 17.2 25.8
 125 6.8 6.1 9.1

Manual Integrations
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 Supervised By :mohammad ahmed 07/11/2024



#91

Benzo(k)fluoranthene

Concen: 4.902 ng/ul m

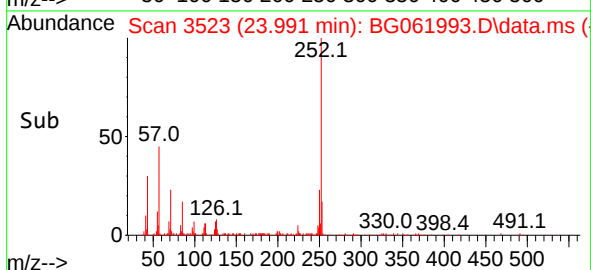
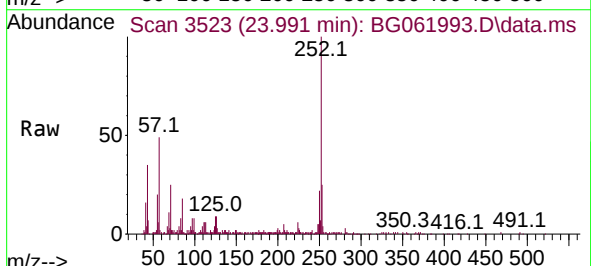
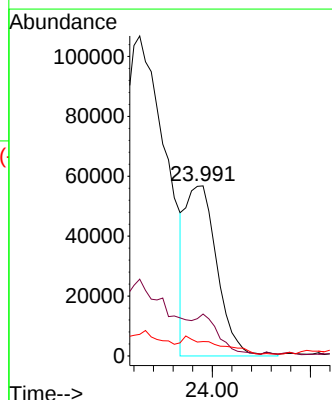
RT: 23.991 min Scan# 3523

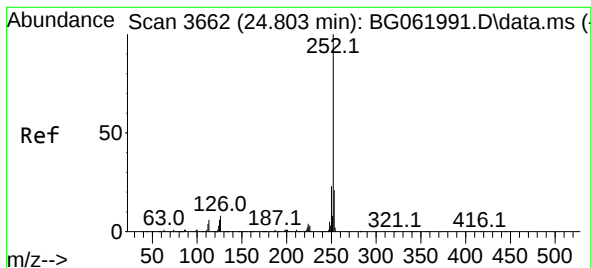
Delta R.T. -0.014 min

Lab File: BG061993.D

Acq: 10 Jul 2024 11:08

Tgt Ion:252 Resp: 126674
 Ion Ratio Lower Upper
 252 100
 253 24.6 19.3 28.9
 125 8.5 6.3 9.5





#93

Benzo(a)pyrene

Concen: 5.246 ng/ul

RT: 24.796 min Scan# 3660

Delta R.T. -0.020 min

Lab File: BG061993.D

Acq: 10 Jul 2024 11:08

Instrument :

BNA_G

ClientSampleId :

A4CE1

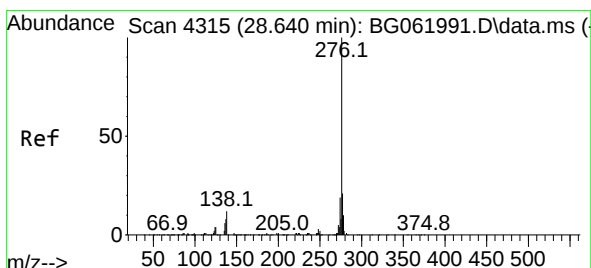
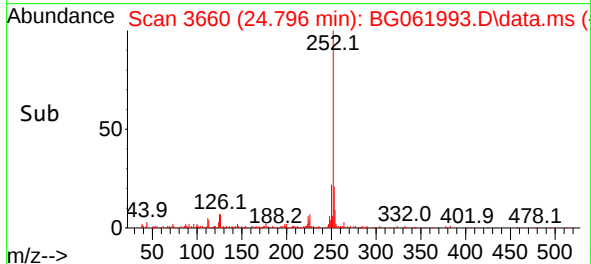
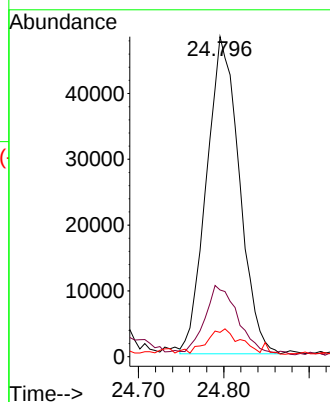
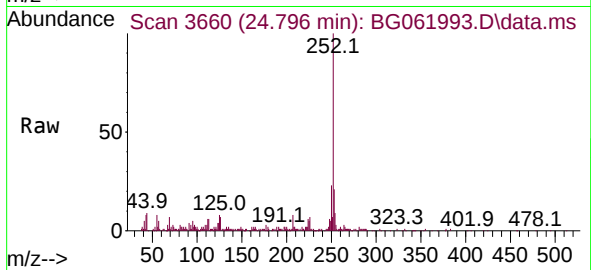
Tgt Ion:	252	Resp:	12873
Ion Ratio	Lower	Upper	
252	100		
253	20.9	16.5	24.7
125	7.6	7.4	11.2

Manual Integrations

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Supervised By :mohammad ahmed 07/11/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.380 ng/ul m

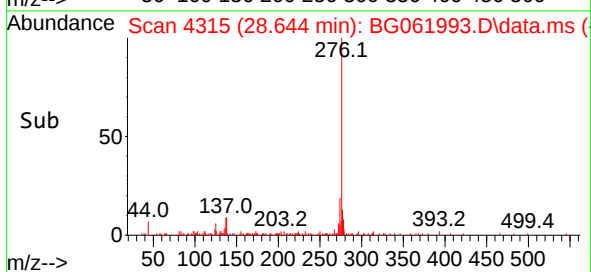
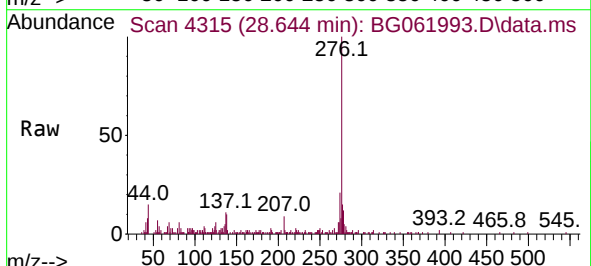
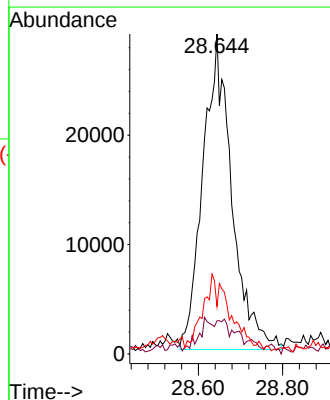
RT: 28.644 min Scan# 4315

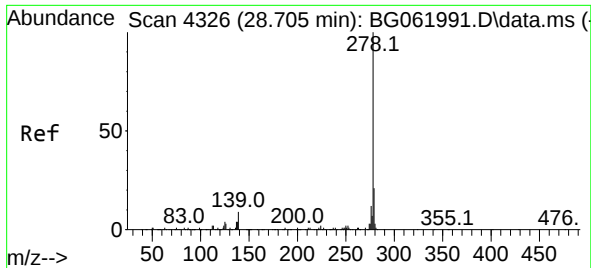
Delta R.T. -0.020 min

Lab File: BG061993.D

Acq: 10 Jul 2024 11:08

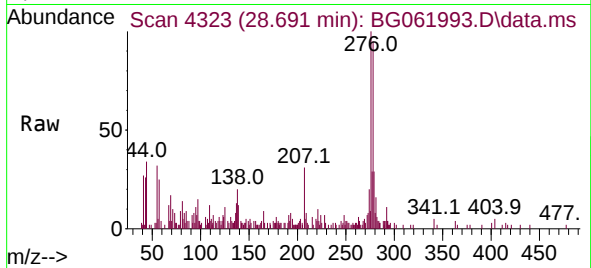
Tgt Ion:	276	Resp:	137353
Ion Ratio	Lower	Upper	
276	100		
138	10.3	11.9	17.9#
277	14.9	19.3	28.9#





#95
 Dibenzo(a,h)anthracene
 Concen: 1.797 ng/ul m
 RT: 28.691 min Scan# 4
 Delta R.T. -0.044 min
 Lab File: BG061993.D
 Acq: 10 Jul 2024 11:08

Instrument :
 BNA_G
 ClientSampleId :
 A4CE1



Tgt Ion:278 Resp: 46550
 Ion Ratio Lower Upper
 278 100
 139 12.2 7.6 11.4
 279 30.5 18.8 28.2

Manual Integrations
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