

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061510.D
 Acq On : 6 Jun 2024 14:57
 Operator : MA/JU
 Sample : P2635-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBZ0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 15:37:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	34454	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	123098	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.510	164	85816	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.260	188	198121	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	215374	20.000	ng/u1	0.00
88) Perylene-d12	24.610	264	243782	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	2107	3.422	ng/uL	0.00
4) Pyridine-d5	3.781	84	6254	2.855	ng/u1	0.01
7) Phenol-d5	7.072	99	46185	16.323	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	32076	18.037	ng/u1	0.00
11) 2-Chlorophenol-d4	7.418	132	42030	20.072	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	34783	14.417	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	21521	22.707	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	25024	22.560	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	47154	21.806	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	41512	14.673	ng/u1	0.00
46) Dimethylphthalate-d6	13.917	166	151192	22.716	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	162379	23.467	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	13468	16.367	ng/u1	0.00
60) Fluorene-d10	15.503	176	132055	22.981	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.656	200	16987	14.176	ng/u1	0.00
73) Anthracene-d10	17.360	188	205526	23.530	ng/u1	0.00
81) Pyrene-d10	19.657	212	230499	20.844	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.398	264	203527	17.366	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.699	105	4566	1.109	ng/u1#	81
72) Phenanthrene	17.301	178	40503	4.212	ng/u1	99
80) Fluoranthene	19.322	202	136542	10.293	ng/u1	99
82) Pyrene	19.680	202	107084	7.776	ng/u1	100
85) Benzo(a)anthracene	21.496	228	73461	4.943	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.408	149	8352	1.193	ng/u1	98
87) Chrysene	21.561	228	80071	5.852	ng/u1	98
90) Benzo(b)fluoranthene	23.635	252	109301	7.530	ng/u1	98
91) Benzo(k)fluoranthene	23.682	252	41592m	2.823	ng/u1	
93) Benzo(a)pyrene	24.463	252	47435	3.442	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	28.123	276	44617m	2.677	ng/u1	
95) Dibenzo(a,h)anthracene	28.147	278	14772m	1.075	ng/u1	

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

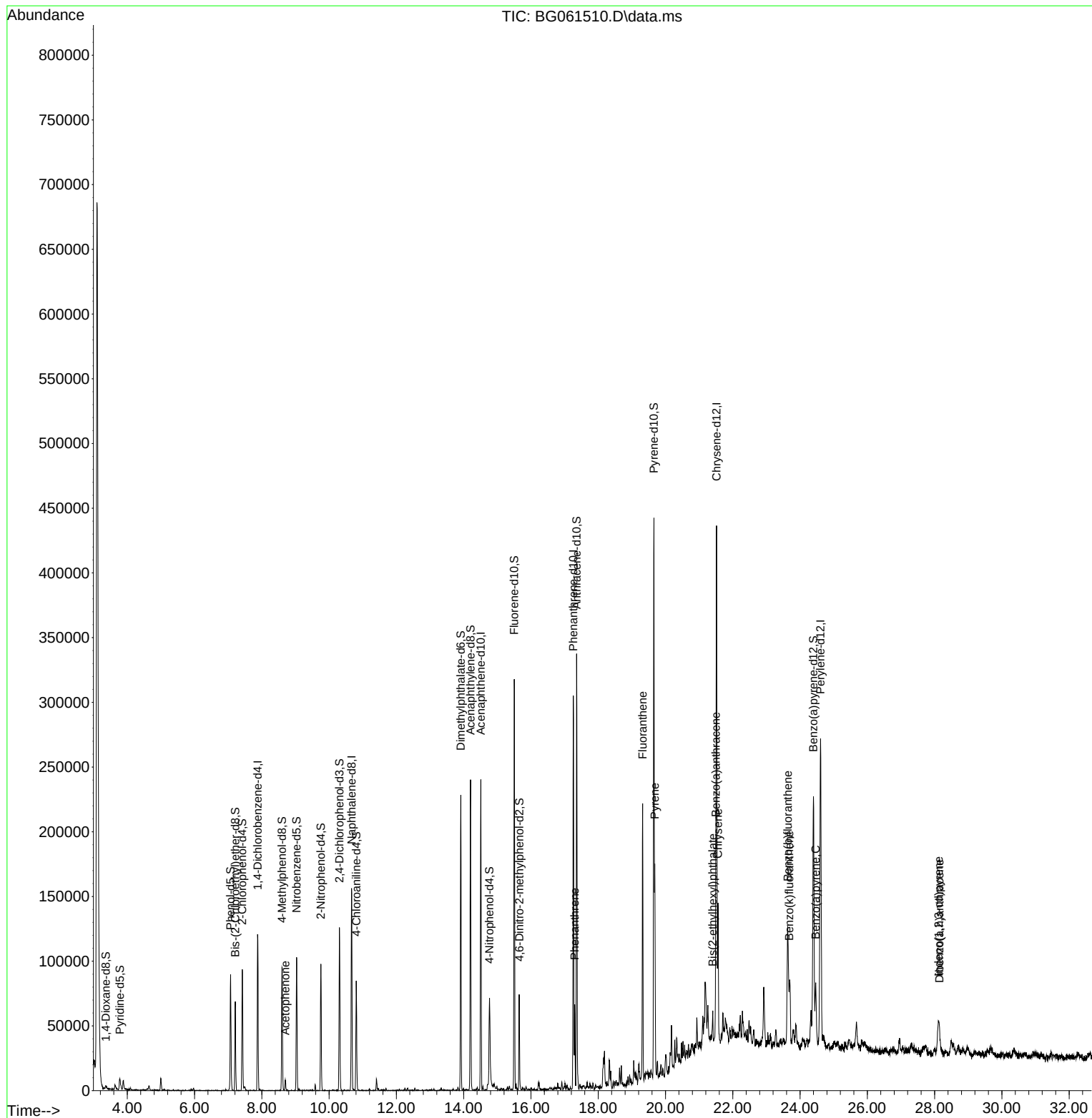
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061510.D
 Acq On : 6 Jun 2024 14:57
 Operator : MA/JU
 Sample : P2635-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

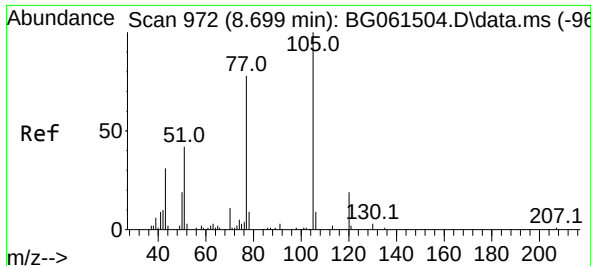
Instrument :
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 Supervised By :mohammad ahmed 06/08/2024

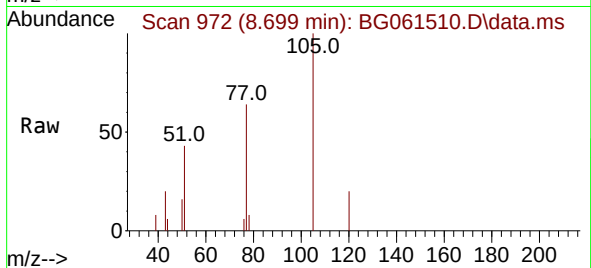
Quant Time: Jun 06 15:37:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
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#16
Acetophenone
Concen: 1.109 ng/ul
RT: 8.699 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG061510.D
Acq: 6 Jun 2024 14:57

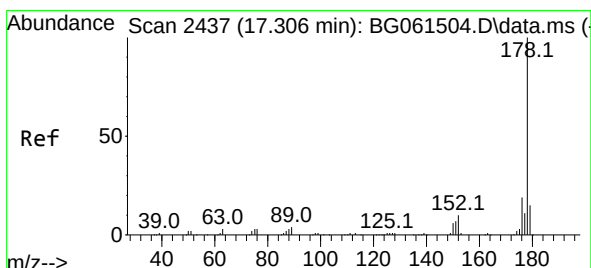
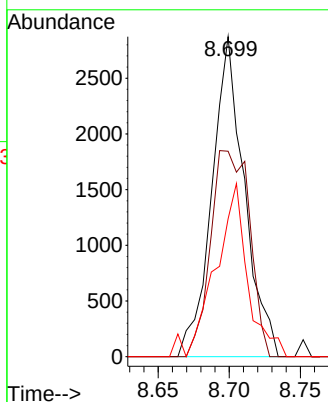
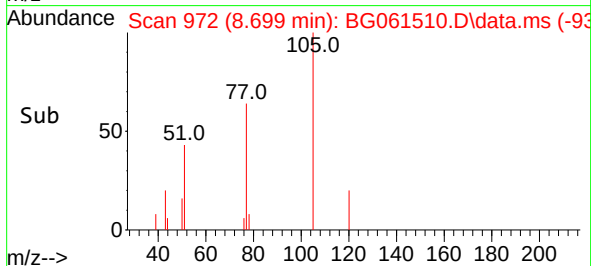
Instrument :
BNA_G
ClientSampleId :
BHBZ0



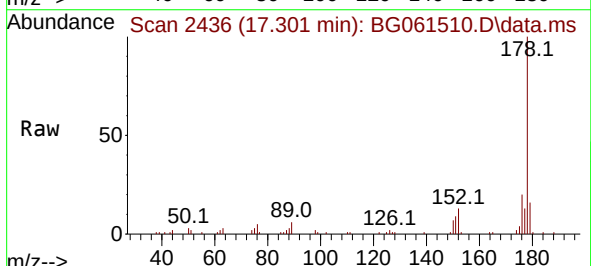
Tgt Ion:105 Resp: 4560
Ion Ratio Lower Upper
105 100
77 64.2 70.4 105.6
51 43.1 38.4 57.6

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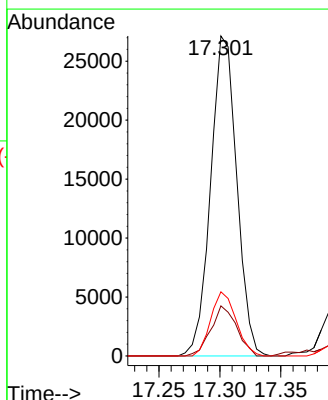
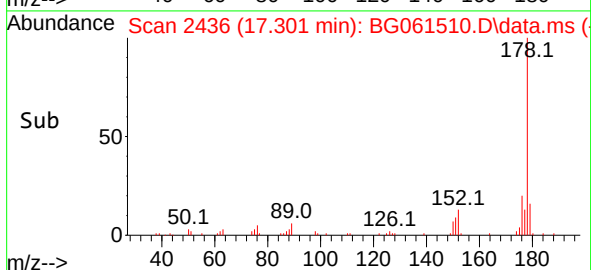
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

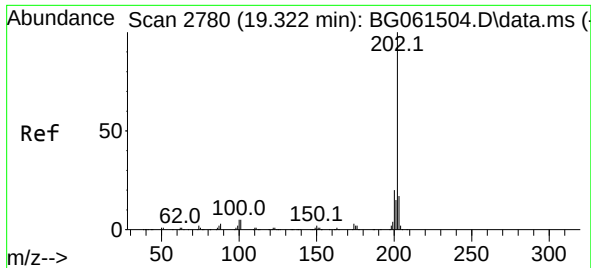


#72
Phenanthrene
Concen: 4.212 ng/ul
RT: 17.301 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BG061510.D
Acq: 6 Jun 2024 14:57



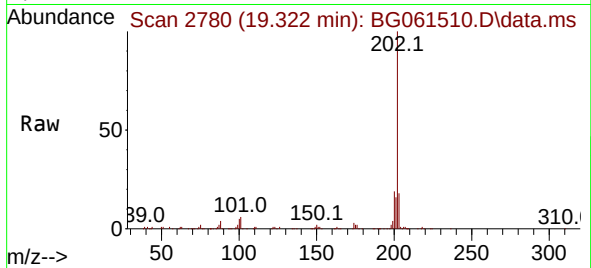
Tgt Ion:178 Resp: 40503
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 20.0 15.5 23.3





#80
Fluoranthene
Concen: 10.293 ng/u1
RT: 19.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG061510.D
Acq: 6 Jun 2024 14:57

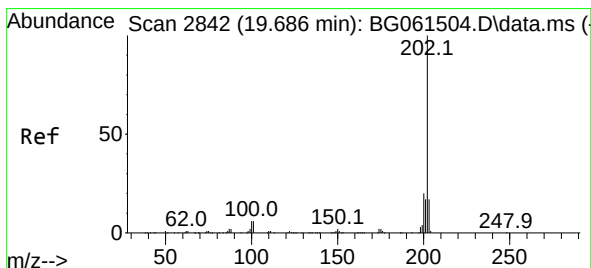
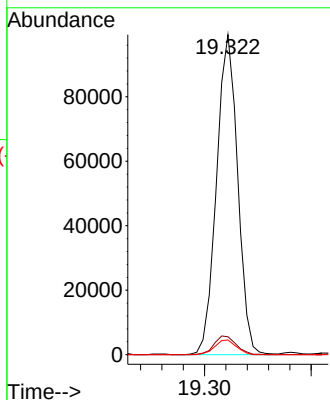
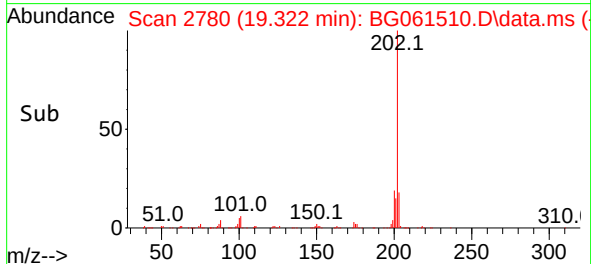
Instrument :
BNA_G
ClientSampleId :
BHBZ0



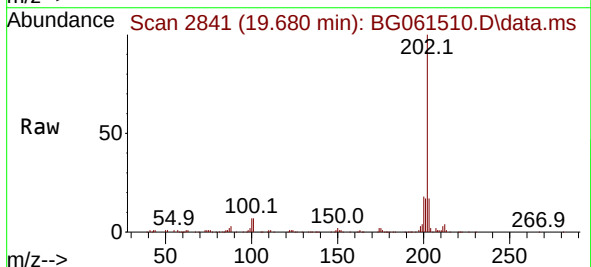
Tgt Ion:202 Resp: 13654
Ion Ratio Lower Upper
202 100
101 5.6 4.8 7.2
100 4.6 4.1 6.1

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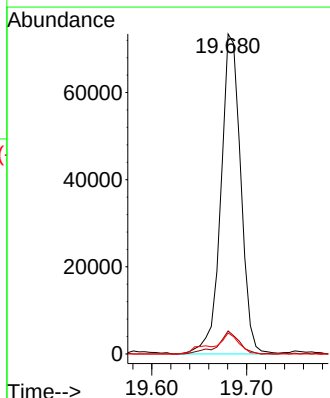
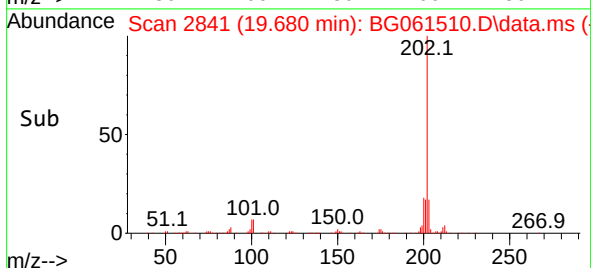
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

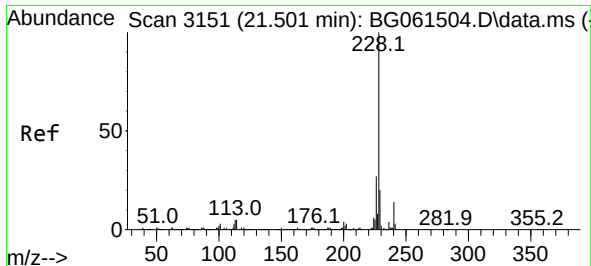


#82
Pyrene
Concen: 7.776 ng/u1
RT: 19.680 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BG061510.D
Acq: 6 Jun 2024 14:57



Tgt Ion:202 Resp: 107084
Ion Ratio Lower Upper
202 100
101 7.2 5.7 8.5
100 6.6 5.1 7.7





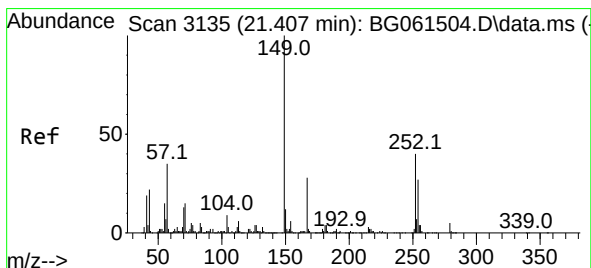
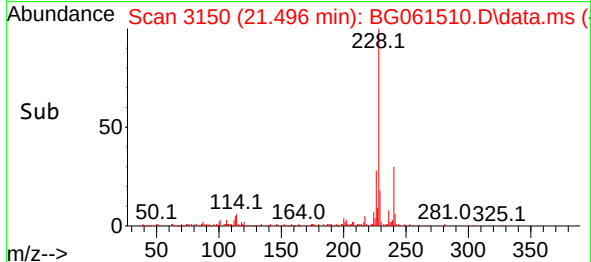
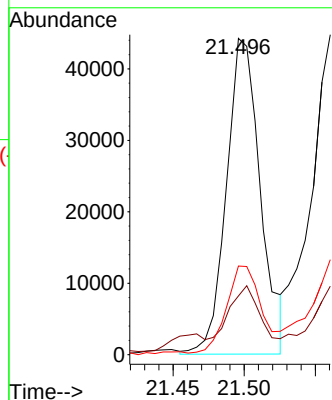
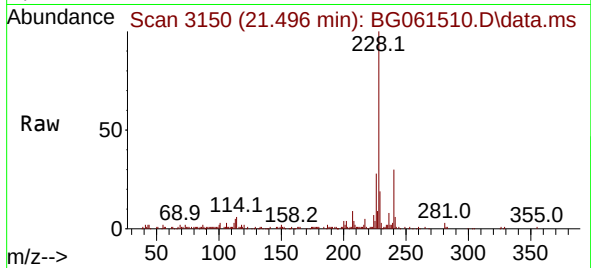
#85
Benzo(a)anthracene
Concen: 4.943 ng/ul
RT: 21.496 min Scan# 3151
Delta R.T. -0.006 min
Lab File: BG061510.D
Acq: 6 Jun 2024 14:57

Instrument :
BNA_G
ClientSampleId :
BHBZ0

Tgt Ion:228 Resp: 7346
Ion Ratio Lower Upper
228 100
229 18.6 15.2 22.8
226 28.0 21.4 32.2

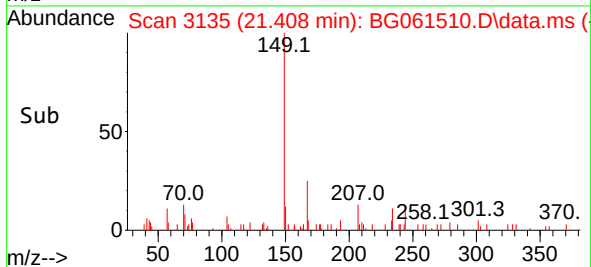
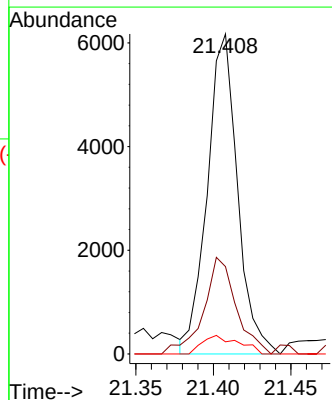
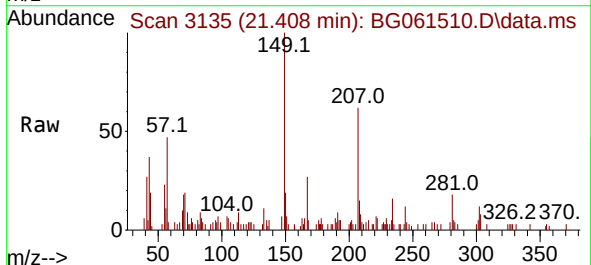
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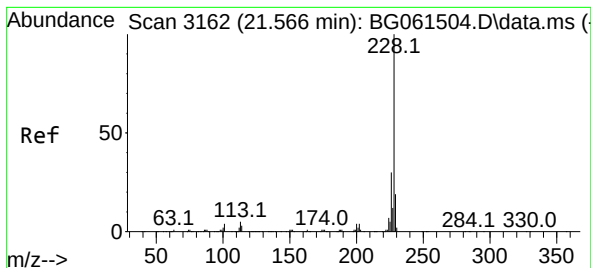
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.193 ng/ul
RT: 21.408 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BG061510.D
Acq: 6 Jun 2024 14:57

Tgt Ion:149 Resp: 8352
Ion Ratio Lower Upper
149 100
167 27.3 21.1 31.7
279 3.8 3.3 4.9





#87

Chrysene

Concen: 5.852 ng/ul

RT: 21.561 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BG061510.D

Acq: 6 Jun 2024 14:57

Instrument :

BNA_G

ClientSampleId :

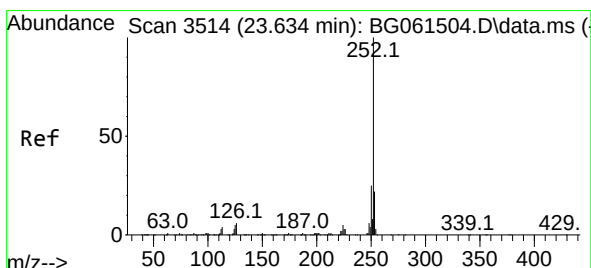
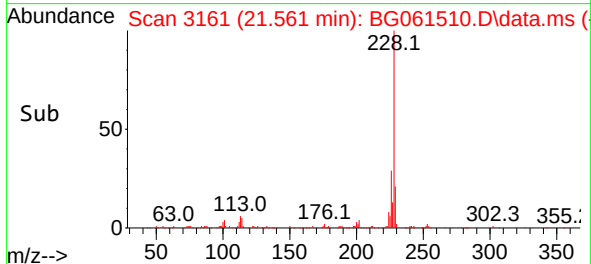
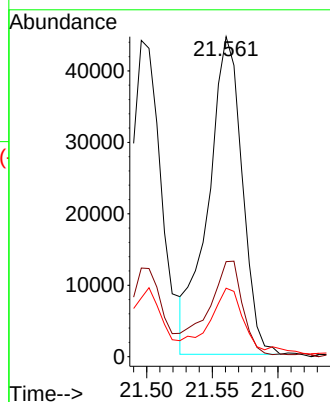
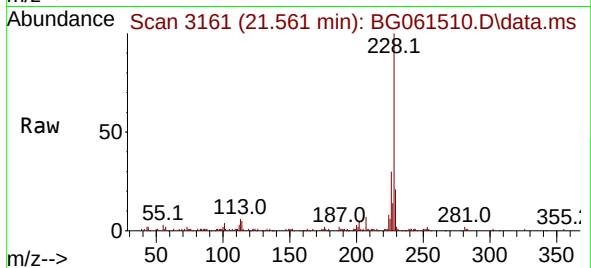
BHBZ0

Tgt Ion:	228	Resp:	8007
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.0
229	21.4	15.4	23.2

Manual Integrations

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Supervised By :mohammad ahmed 06/08/2024



#90

Benzo(b)fluoranthene

Concen: 7.530 ng/ul

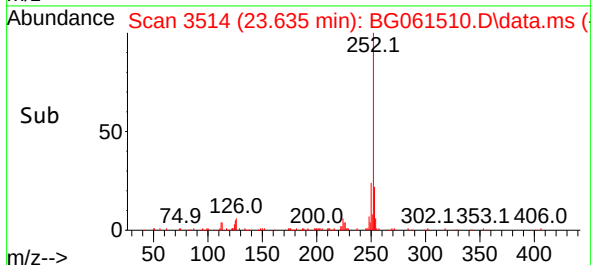
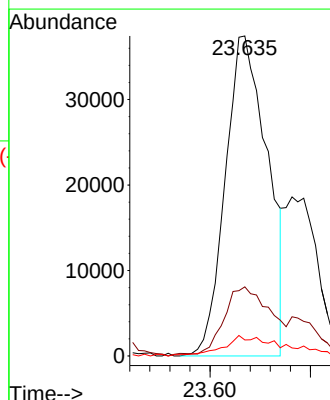
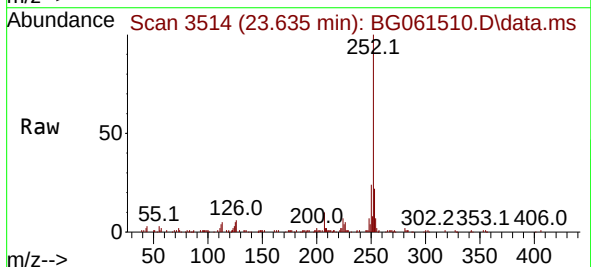
RT: 23.635 min Scan# 3514

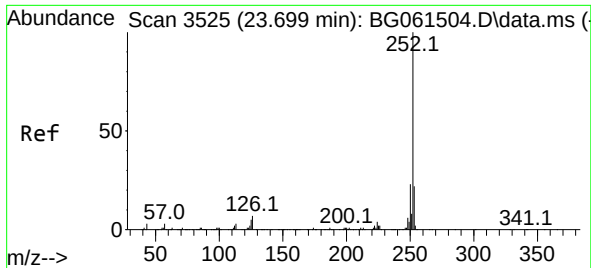
Delta R.T. 0.000 min

Lab File: BG061510.D

Acq: 6 Jun 2024 14:57

Tgt Ion:	252	Resp:	109301
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.8
125	5.0	4.6	6.8





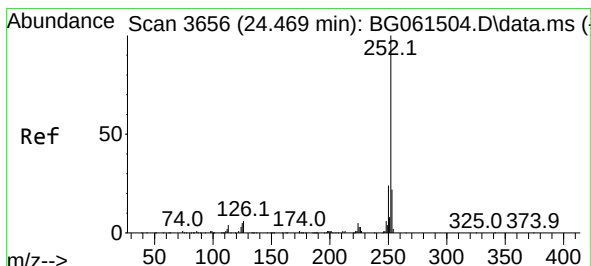
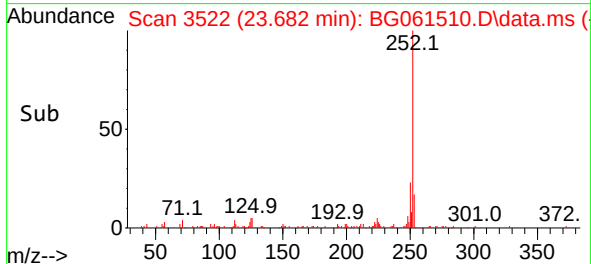
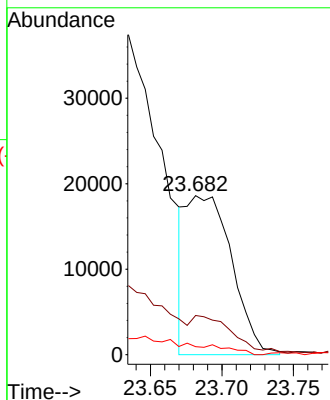
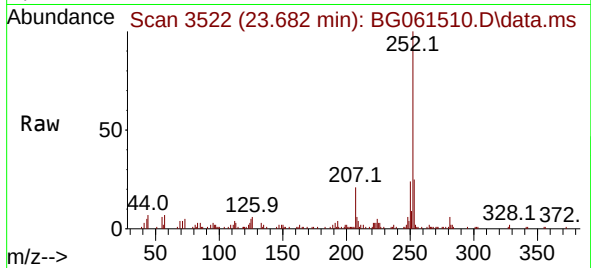
#91
Benzo(k)fluoranthene
Concen: 2.823 ng/ul m
RT: 23.682 min Scan# 3522
Delta R.T. -0.017 min
Lab File: BG061510.D
Acq: 6 Jun 2024 14:57

Instrument : BNA_G
ClientSampleId : BHBZ0

Tgt Ion:	252	Resp:	41592
Ion Ratio	Lower	Upper	
252	100		
253	24.6	16.0	24.0
125	5.1	4.3	6.5

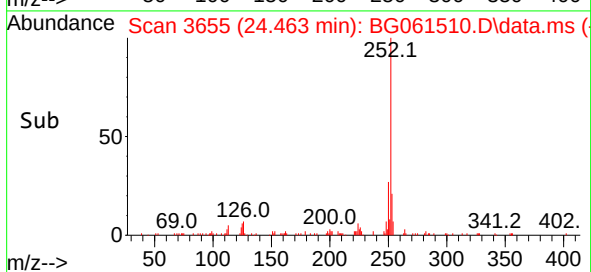
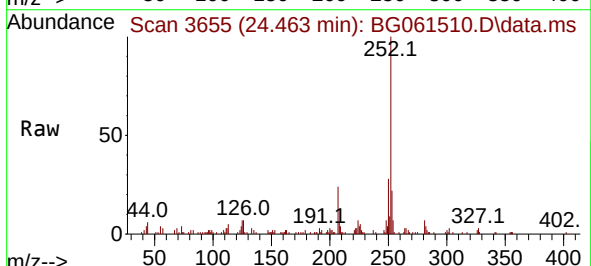
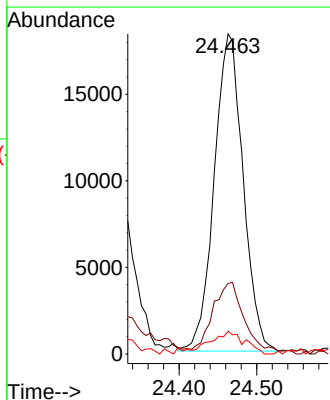
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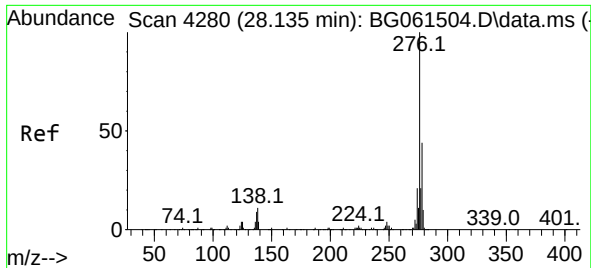
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#93
Benzo(a)pyrene
Concen: 3.442 ng/ul
RT: 24.463 min Scan# 3655
Delta R.T. -0.006 min
Lab File: BG061510.D
Acq: 6 Jun 2024 14:57

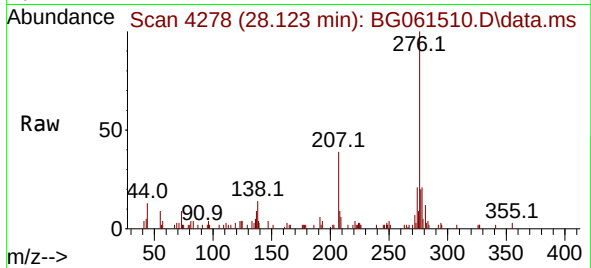
Tgt Ion:	252	Resp:	47435
Ion Ratio	Lower	Upper	
252	100		
253	22.0	16.4	24.6
125	7.1	4.3	6.5





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.677 ng/ul m
 RT: 28.123 min Scan# 4278
 Delta R.T. -0.011 min
 Lab File: BG061510.D
 Acq: 6 Jun 2024 14:57

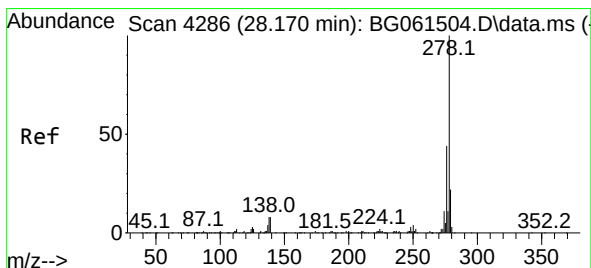
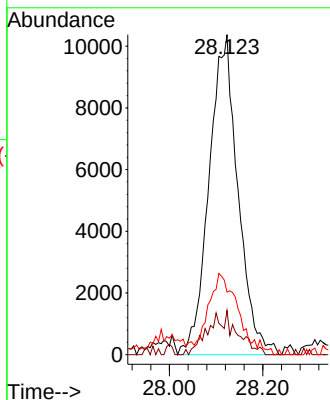
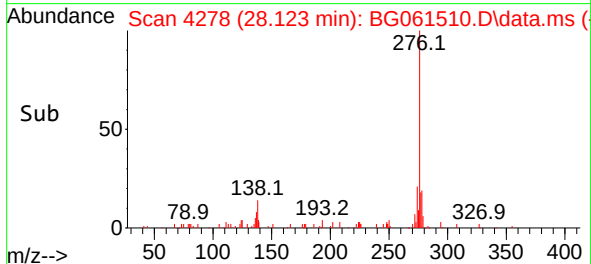
Instrument :
 BNA_G
 ClientSampleId :
 BHBZ0



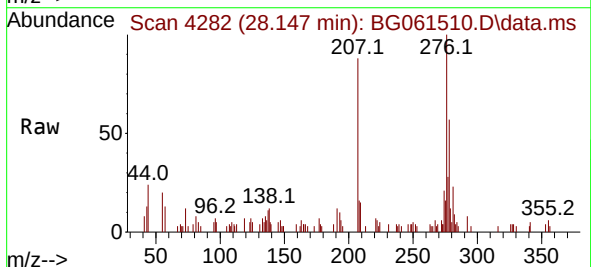
Tgt Ion:276 Resp: 4461
 Ion Ratio Lower Upper
 276 100
 138 13.8 8.6 13.0
 277 19.6 19.7 29.5

Manual Integrations
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#95
 Dibenzo(a,h)anthracene
 Concen: 1.075 ng/ul m
 RT: 28.147 min Scan# 4282
 Delta R.T. -0.023 min
 Lab File: BG061510.D
 Acq: 6 Jun 2024 14:57



Tgt Ion:278 Resp: 14772
 Ion Ratio Lower Upper
 278 100
 139 9.2 6.4 9.6
 279 21.5 19.9 29.9

