

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
 Data File : BG061740.D
 Acq On : 27 Jun 2024 15:38
 Operator : MA/JU
 Sample : P2934-22
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4B73

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 27 16:13:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	58162	20.000	ng/u1	0.00
20) Naphthalene-d8	10.866	136	273273	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.685	164	184193	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.429	188	440279	20.000	ng/u1	0.00
79) Chrysene-d12	21.689	240	365310	20.000	ng/u1	0.00
88) Perylene-d12	24.908	264	399539	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.457	96	6837	4.246	ng/uL	0.00
4) Pyridine-d5	3.886	84	12334	2.534	ng/u1	0.02
7) Phenol-d5	7.200	99	144602	22.902	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.382	67	87803	22.307	ng/u1	0.00
11) 2-Chlorophenol-d4	7.582	132	102926	23.755	ng/u1	0.00
15) 4-Methylphenol-d8	8.751	113	108072	22.141	ng/u1	0.00
21) Nitrobenzene-d5	9.221	128	43776	23.592	ng/u1	0.00
24) 2-Nitrophenol-d4	9.944	143	50099	26.659	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.478	165	115895	26.045	ng/u1	0.00
31) 4-Chloroaniline-d4	10.995	131	68167	10.118	ng/u1	0.00
46) Dimethylphthalate-d6	14.092	166	392057	27.660	ng/u1	0.00
49) Acenaphthylene-d8	14.380	160	433489	27.906	ng/u1	0.00
54) 4-Nitrophenol-d4	14.861	143	56796	23.331	ng/u1	0.00
60) Fluorene-d10	15.678	176	352829	28.434	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.778	200	42225	22.428	ng/u1	0.00
73) Anthracene-d10	17.529	188	581758	28.947	ng/u1	0.00
81) Pyrene-d10	19.809	212	566001	27.738	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.679	264	350532	18.369	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.880	105	10022	1.247	ng/u1	97
72) Phenanthrene	17.470	178	91501	3.950	ng/u1	98
80) Fluoranthene	19.474	202	219291	9.262	ng/u1	97
82) Pyrene	19.838	202	136256	5.412	ng/u1	96
85) Benzo(a)anthracene	21.671	228	71150	2.775	ng/u1	94
86) Bis(2-ethylhexyl)phtha...	21.589	149	27703	2.056	ng/u1#	97
87) Chrysene	21.736	228	89934	3.706	ng/u1	95
90) Benzo(b)fluoranthene	23.886	252	115207m	4.797	ng/u1	
91) Benzo(k)fluoranthene	23.945	252	33970	1.375	ng/u1#	94
93) Benzo(a)pyrene	24.756	252	35866	1.551	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.563	276	37588m	1.305	ng/u1	

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

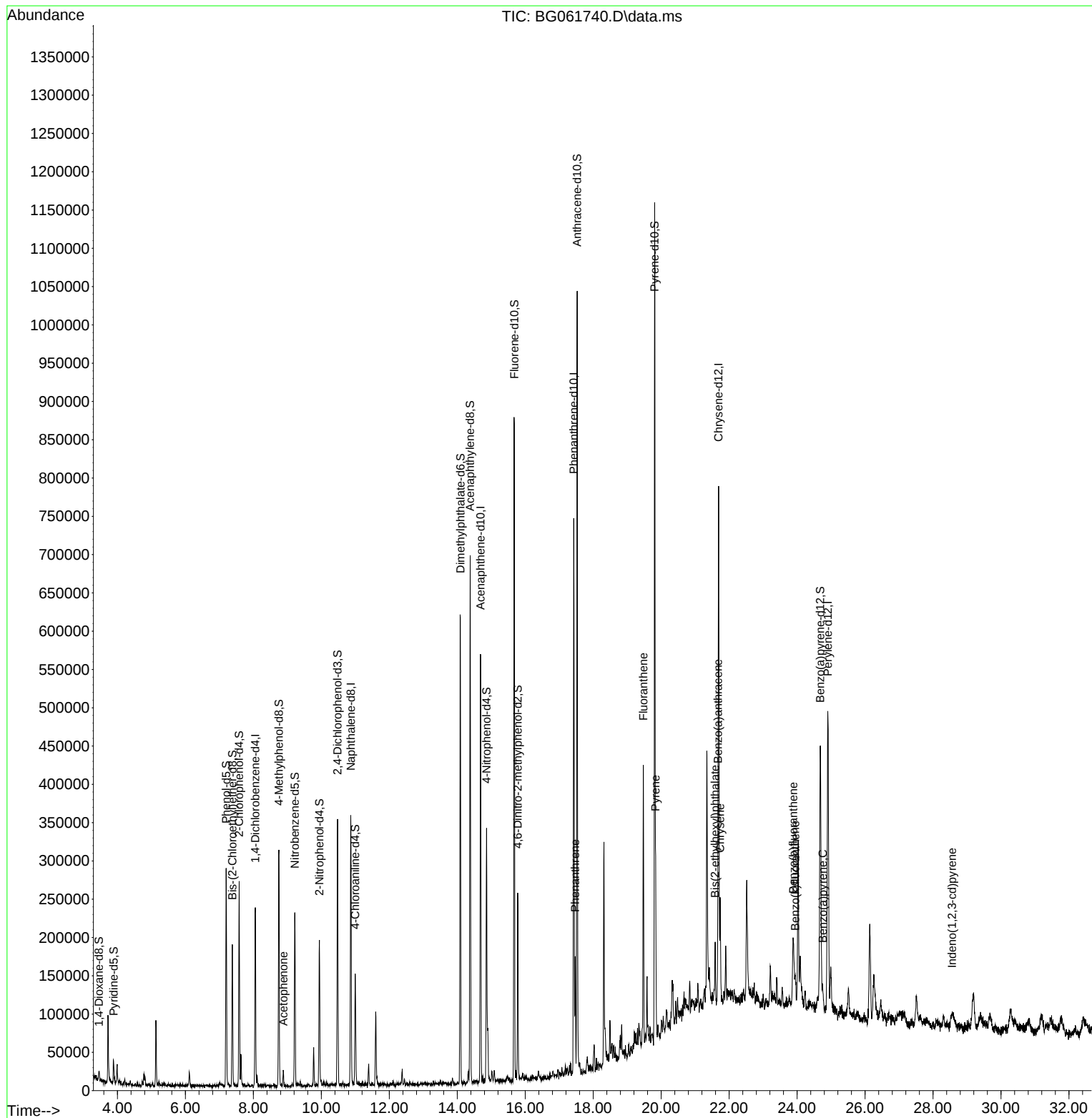
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061740.D
Acq On : 27 Jun 2024 15:38
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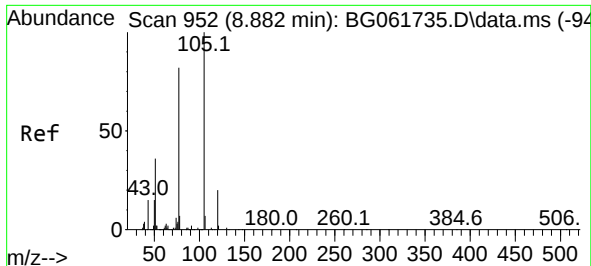
Instrument :
BNA_G
ClientSampleId :
A4B73

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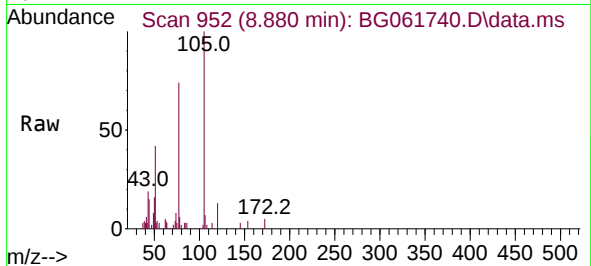
Quant Time: Jun 27 16:13:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.247 ng/ul
RT: 8.880 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG061740.D
Acq: 27 Jun 2024 15:38

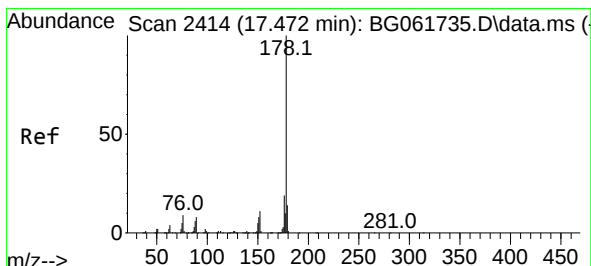
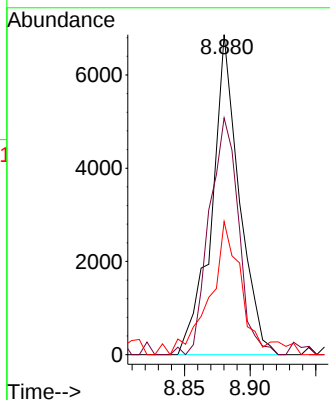
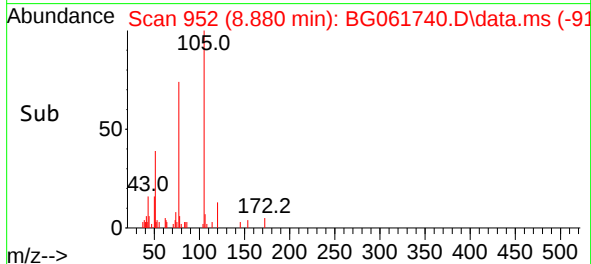
Instrument :
BNA_G
ClientSampleId :
A4B73



Tgt Ion:105 Resp: 1002
Ion Ratio Lower Upper
105 100
77 74.0 60.4 90.6
51 41.6 31.1 46.7

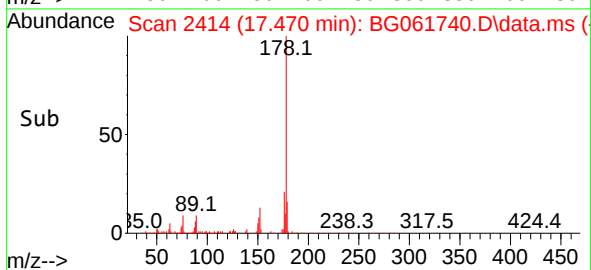
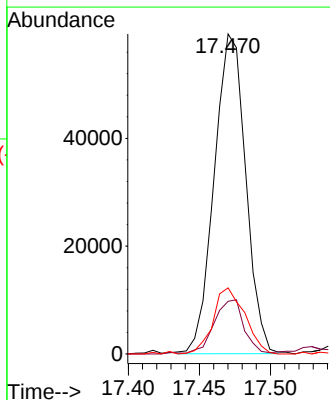
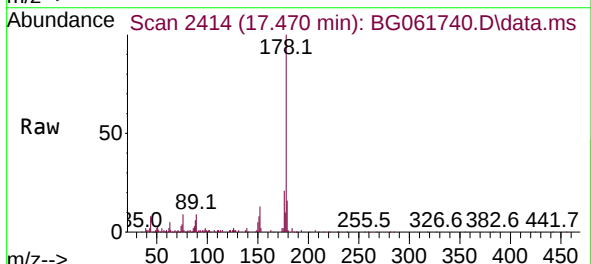
Manual Integrations
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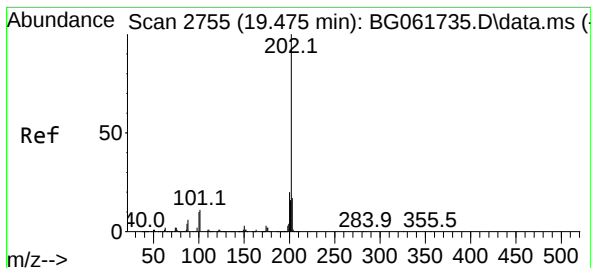
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024



#72
Phenanthrene
Concen: 3.950 ng/ul
RT: 17.470 min Scan# 2414
Delta R.T. -0.002 min
Lab File: BG061740.D
Acq: 27 Jun 2024 15:38

Tgt Ion:178 Resp: 91501
Ion Ratio Lower Upper
178 100
179 16.4 12.0 18.0
176 20.7 16.2 24.2





#80

Fluoranthene

Concen: 9.262 ng/ul

RT: 19.474 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG061740.D

Acq: 27 Jun 2024 15:38

Instrument :

BNA_G

ClientSampleId :

A4B73

Tgt Ion:202 Resp: 21929

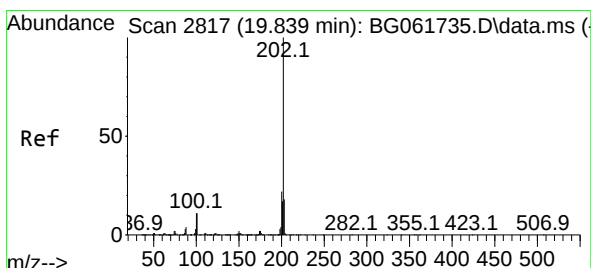
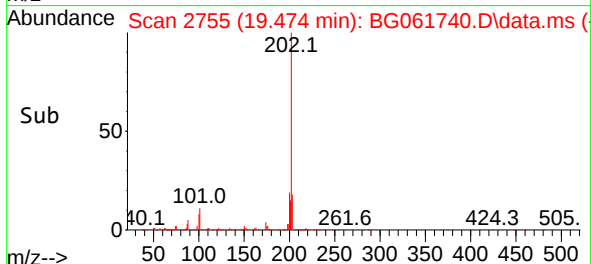
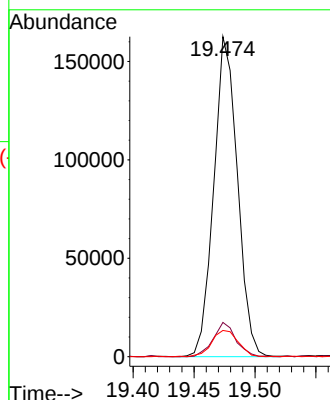
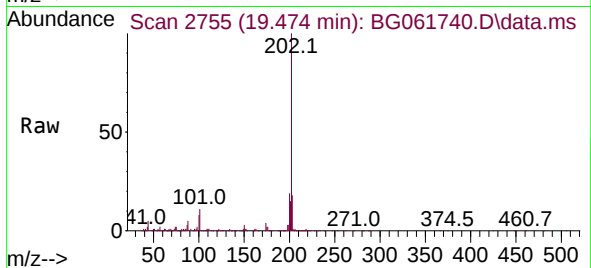
Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.8	11.6
100	8.2	7.7	11.5

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#82

Pyrene

Concen: 5.412 ng/ul

RT: 19.838 min Scan# 2817

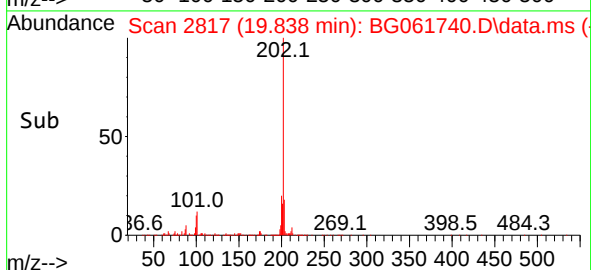
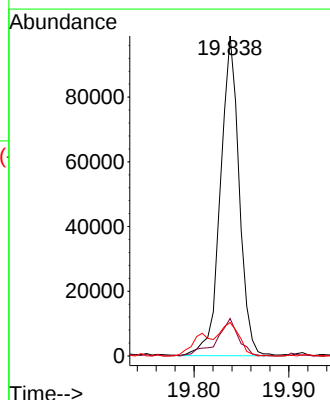
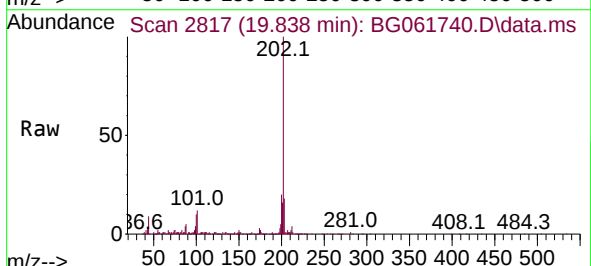
Delta R.T. -0.002 min

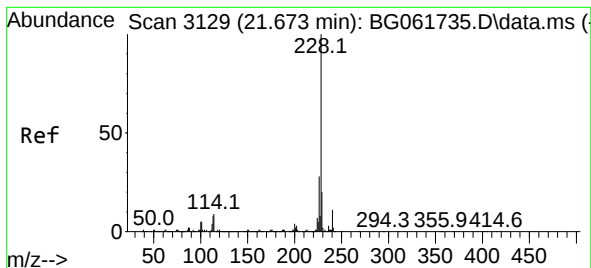
Lab File: BG061740.D

Acq: 27 Jun 2024 15:38

Tgt Ion:202 Resp: 136256

Ion	Ratio	Lower	Upper
202	100		
101	11.7	10.1	15.1
100	10.4	9.9	14.9





#85

Benzo(a)anthracene

Concen: 2.775 ng/ul

RT: 21.671 min Scan# 3129

Delta R.T. -0.002 min

Lab File: BG061740.D

Acq: 27 Jun 2024 15:38

Instrument :

BNA_G

ClientSampleId :

A4B73

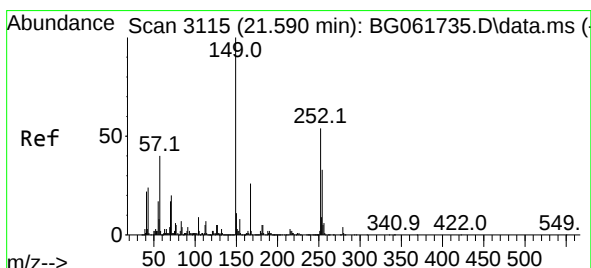
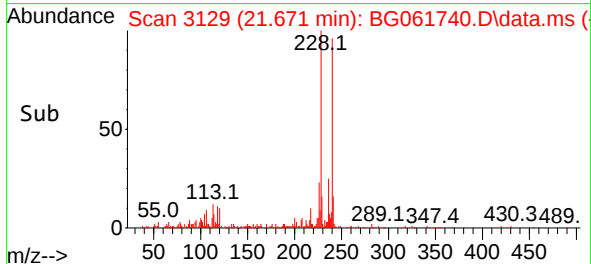
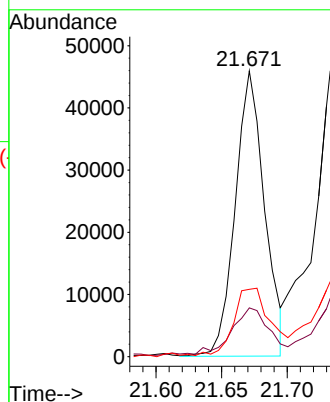
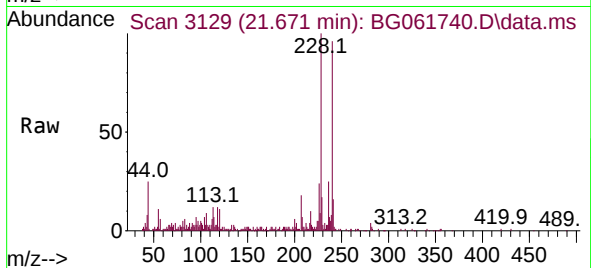
Tgt Ion:	228	Resp:	71150
Ion Ratio	Lower	Upper	
228	100		
229	17.1	15.8	23.8
226	23.6	21.4	32.2

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Supervised By :mohammad ahmed 06/29/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.056 ng/ul

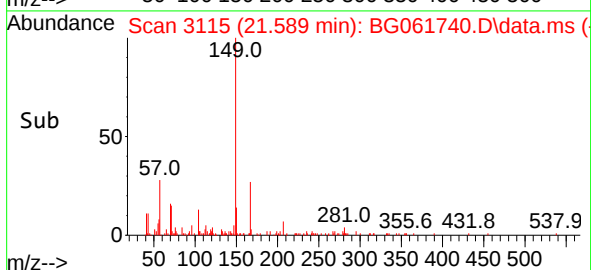
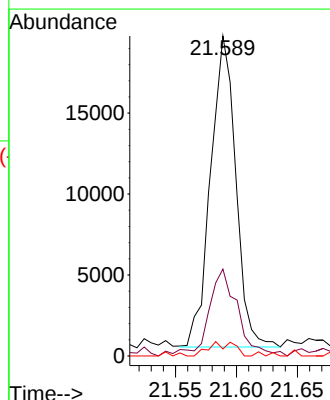
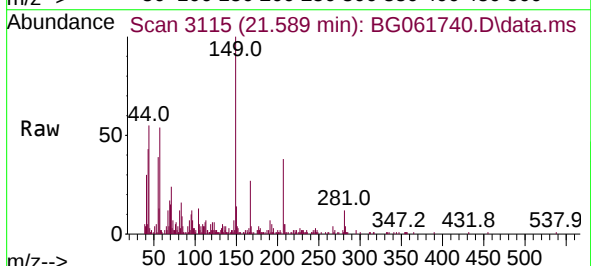
RT: 21.589 min Scan# 3115

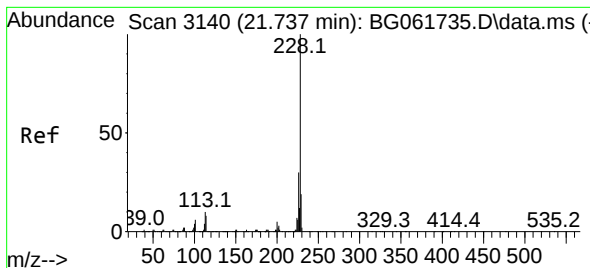
Delta R.T. -0.002 min

Lab File: BG061740.D

Acq: 27 Jun 2024 15:38

Tgt Ion:	149	Resp:	27703
Ion Ratio	Lower	Upper	
149	100		
167	27.2	20.5	30.7
279	2.2	2.9	4.3





#87

Chrysene

Concen: 3.706 ng/ul

RT: 21.736 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG061740.D

Acq: 27 Jun 2024 15:38

Instrument :

BNA_G

ClientSampleId :

A4B73

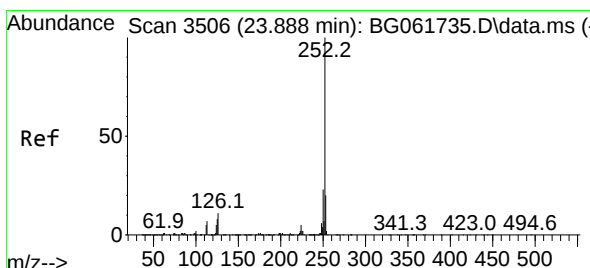
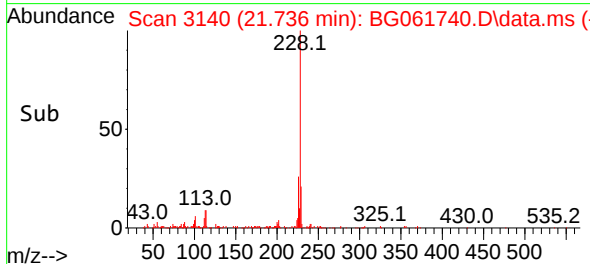
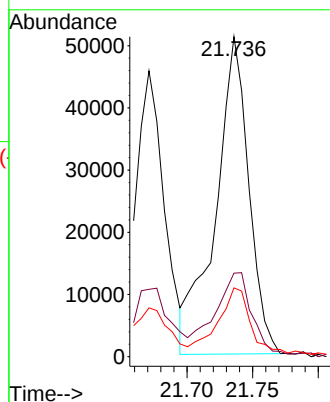
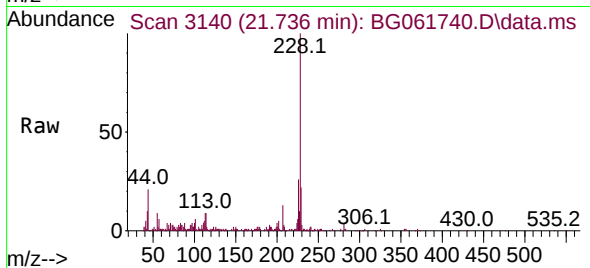
Tgt Ion:	228	Resp:	89934
Ion Ratio	Lower	Upper	
228	100		
226	26.1	24.2	36.2
229	21.5	16.5	24.7

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Supervised By :mohammad ahmed 06/29/2024



#90

Benzo(b)fluoranthene

Concen: 4.797 ng/ul m

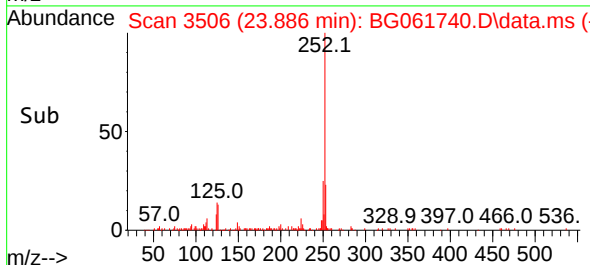
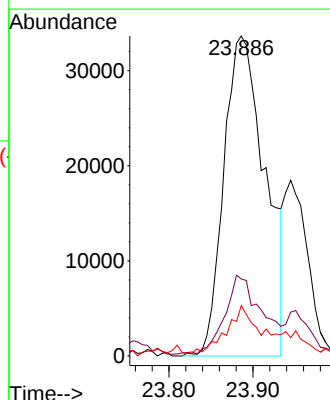
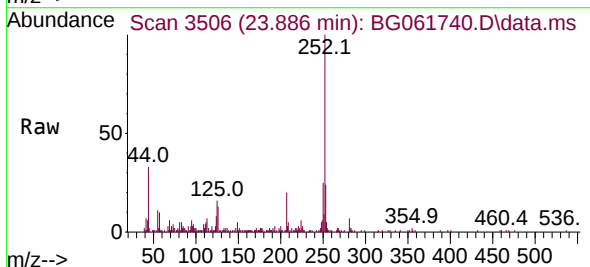
RT: 23.886 min Scan# 3506

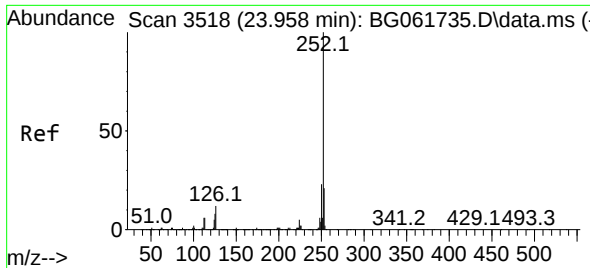
Delta R.T. -0.002 min

Lab File: BG061740.D

Acq: 27 Jun 2024 15:38

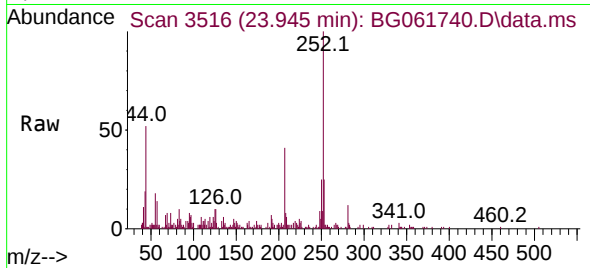
Tgt Ion:	252	Resp:	115207
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.6	27.8
125	15.8	7.0	10.6#





#91
Benzo(k)fluoranthene
Concen: 1.375 ng/ul
RT: 23.945 min Scan# 3518
Delta R.T. -0.013 min
Lab File: BG061740.D
Acq: 27 Jun 2024 15:38

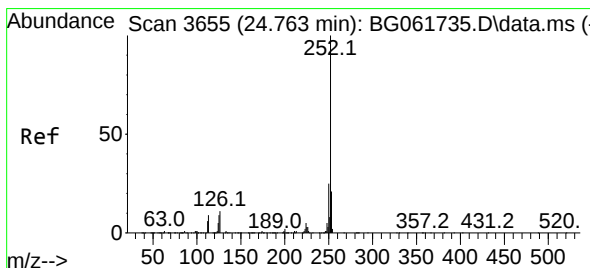
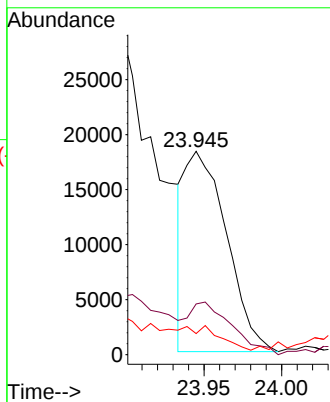
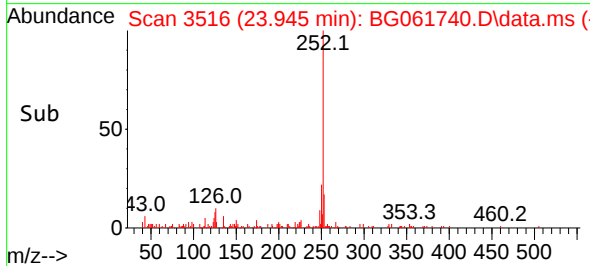
Instrument :
BNA_G
ClientSampleId :
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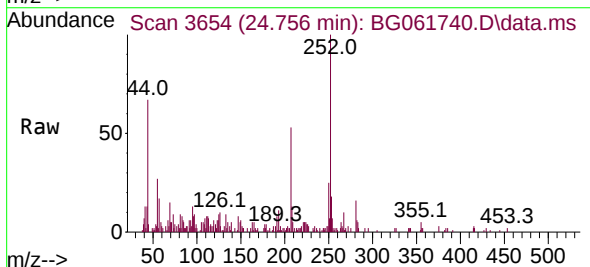
Tgt Ion:252 Resp: 33970
Ion Ratio Lower Upper
252 100
253 24.9 17.8 26.6
125 10.4 6.2 9.2

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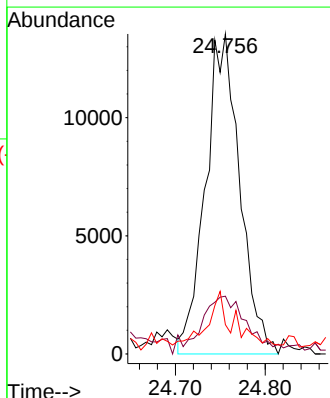
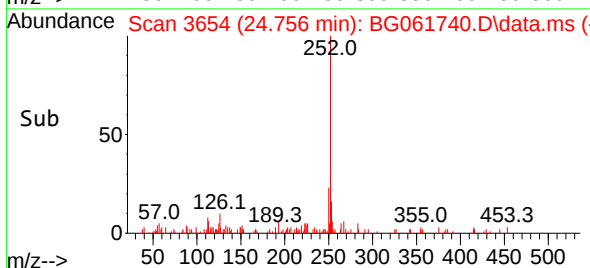
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

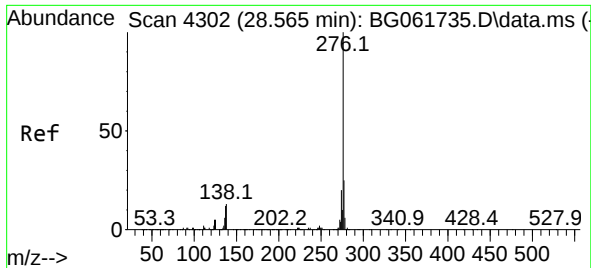


#93
Benzo(a)pyrene
Concen: 1.551 ng/ul
RT: 24.756 min Scan# 3654
Delta R.T. -0.007 min
Lab File: BG061740.D
Acq: 27 Jun 2024 15:38



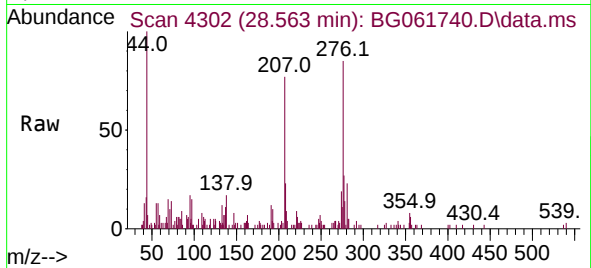
Tgt Ion:252 Resp: 35866
Ion Ratio Lower Upper
252 100
253 18.0 16.8 25.2
125 9.2 6.5 9.7





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.305 ng/ul m
 RT: 28.563 min Scan# 4
 Delta R.T. -0.002 min
 Lab File: BG061740.D
 Acq: 27 Jun 2024 15:38

Instrument :
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 ClientSampleId :
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Tgt Ion:	276	Resp:	3758
Ion Ratio	Lower	Upper	
276	100		
138	19.5	12.2	18.4
277	31.7	19.7	29.5

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