

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061534.D
 Acq On : 7 Jun 2024 15:30
 Operator : MA/JU
 Sample : P2634-03DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBW9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 07 22:43:29 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	7.876	152	23927	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	101122	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.515	164	78639	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.271	188	186591	20.000	ng/u1	# 0.01
79) Chrysene-d12	21.530	240	201884	20.000	ng/u1	0.01
88) Perylene-d12	24.633	264	238137	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	210	0.491	ng/uL	-0.03
4) Pyridine-d5	3.734	84	6000	3.945	ng/u1	-0.04
7) Phenol-d5	7.065	99	13043	6.638	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.206	67	7695	6.231	ng/u1	0.00
11) 2-Chlorophenol-d4	7.412	132	10310	7.090	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	10324	6.162	ng/u1	0.00
21) Nitrobenzene-d5	9.033	128	5306	6.815	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	6758	7.417	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	14254	8.024	ng/u1	0.00
31) 4-Chloroaniline-d4	10.813	131	11357	4.887	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	46267	7.586	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	50244	7.924	ng/u1	0.00
54) 4-Nitrophenol-d4	14.774	143	3779m	5.012	ng/u1	0.02
60) Fluorene-d10	15.508	176	41086	7.803	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.661	200	2978m	2.639	ng/u1	0.01
73) Anthracene-d10	17.365	188	66047	8.029	ng/u1	0.00
81) Pyrene-d10	19.662	212	82869	7.994	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.421	264	92078	8.043	ng/u1	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.312	178	32967	3.640	ng/u1	99
80) Fluoranthene	19.327	202	96417	7.754	ng/u1	99
82) Pyrene	19.691	202	94473	7.319	ng/u1	98
83) Butylbenzylphthalate	20.578	149	121273	27.350	ng/u1	99
85) Benzo(a)anthracene	21.513	228	61503	4.415	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.419	149	14667	2.235	ng/u1	96
87) Chrysene	21.571	228	61836	4.821	ng/u1	94
90) Benzo(b)fluoranthene	23.651	252	85684	6.043	ng/u1	99
91) Benzo(k)fluoranthene	23.710	252	32093m	2.230	ng/u1	
93) Benzo(a)pyrene	24.486	252	63125	4.689	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.158	276	40912m	2.513	ng/u1	
96) Benzo(g,h,i)perylene	29.268	276	38915m	3.004	ng/u1	

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

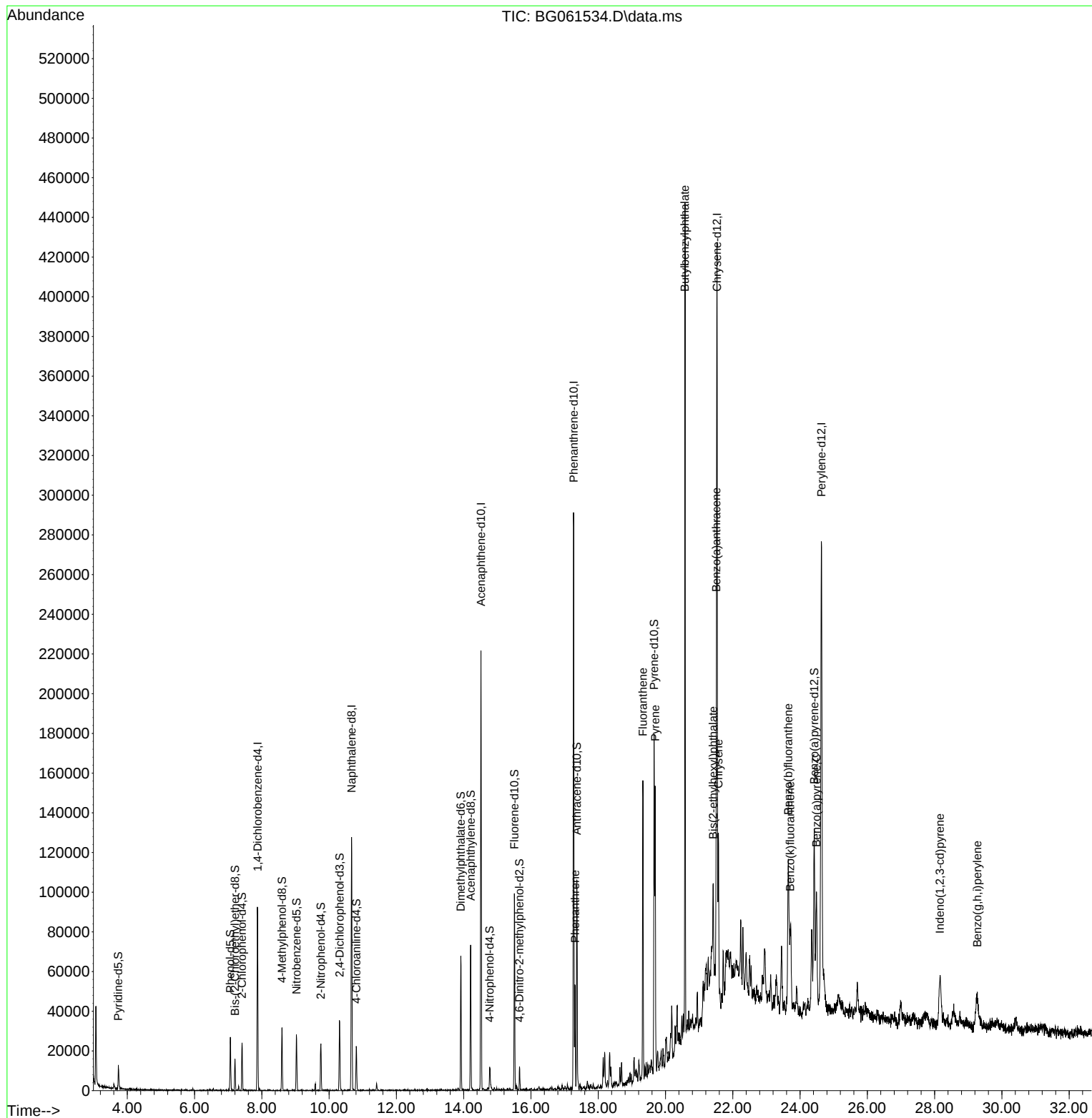
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061534.D
 Acq On : 7 Jun 2024 15:30
 Operator : MA/JU
 Sample : P2634-03DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

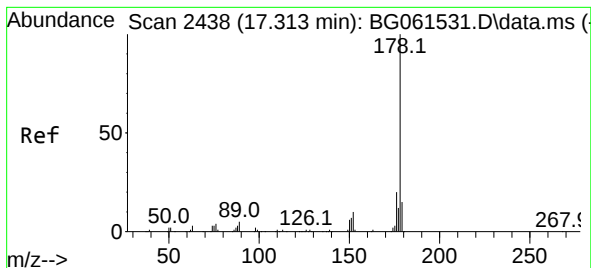
Instrument :
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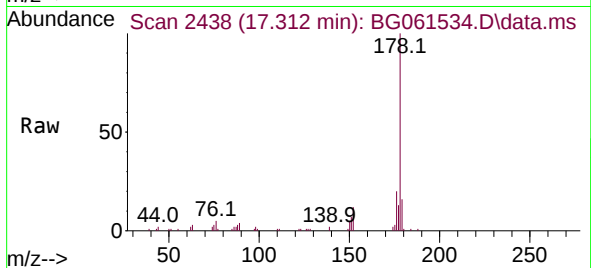
Quant Time: Jun 07 22:43:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 3.640 ng/ul
RT: 17.312 min Scan# 2438
Delta R.T. 0.005 min
Lab File: BG061534.D
Acq: 7 Jun 2024 15:30

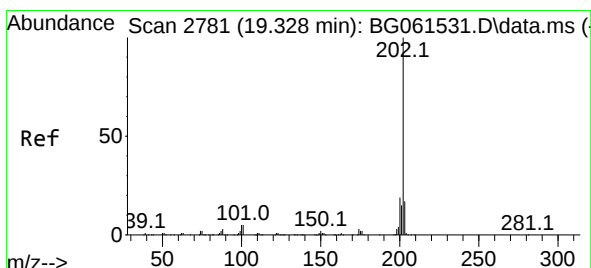
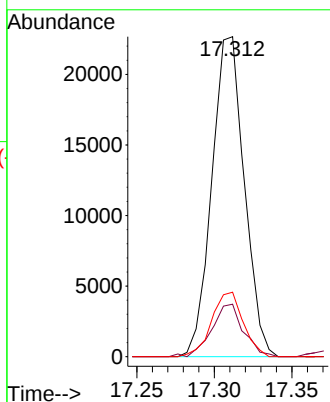
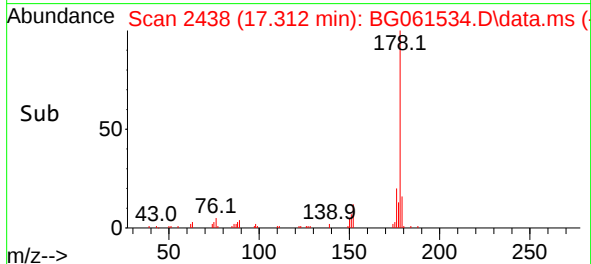
Instrument :
BNA_G
ClientSampleId :
BHBW9DL



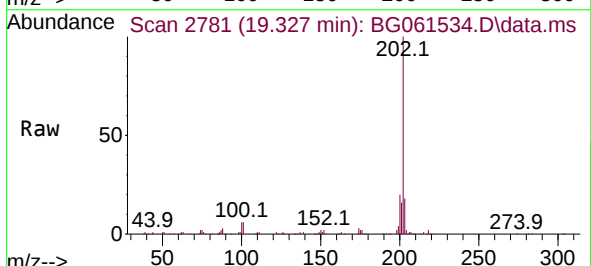
Tgt Ion:178 Resp: 3296
Ion Ratio Lower Upper
178 100
179 16.4 12.7 19.1
176 20.1 15.5 23.3

Manual Integrations
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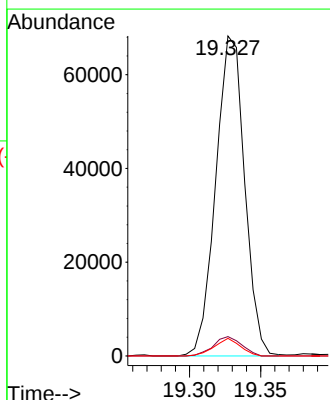
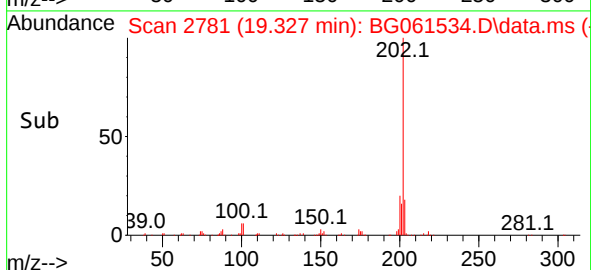
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

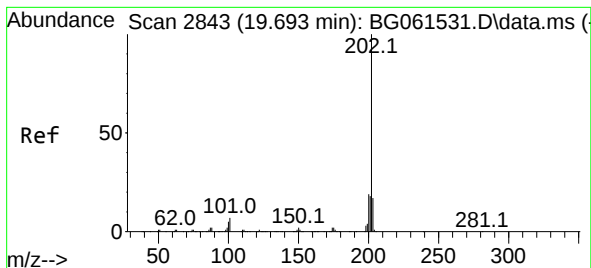


#80
Fluoranthene
Concen: 7.754 ng/ul
RT: 19.327 min Scan# 2781
Delta R.T. 0.005 min
Lab File: BG061534.D
Acq: 7 Jun 2024 15:30



Tgt Ion:202 Resp: 96417
Ion Ratio Lower Upper
202 100
101 6.1 4.8 7.2
100 5.5 4.1 6.1





#82

Pyrene

Concen: 7.319 ng/ul

RT: 19.691 min Scan# 2843

Delta R.T. 0.005 min

Lab File: BG061534.D

Acq: 7 Jun 2024 15:30

Instrument :

BNA_G

ClientSampleId :

BHBW9DL

Tgt Ion:202 Resp: 9447

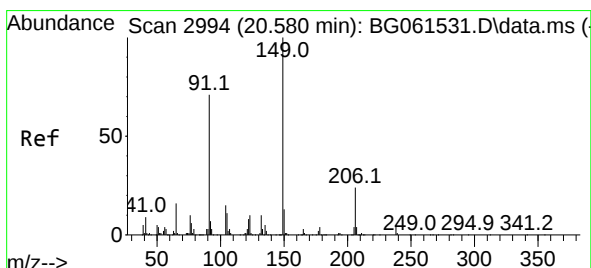
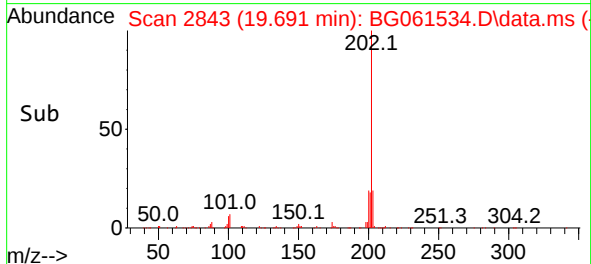
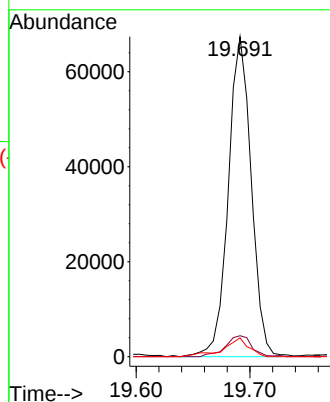
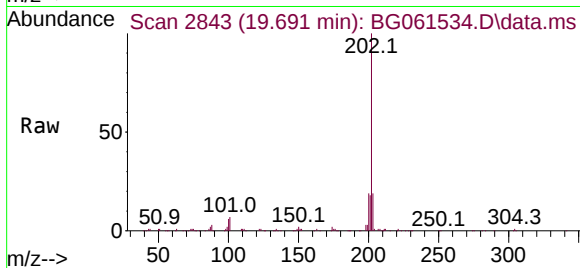
Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.7	8.5
100	5.9	5.1	7.7

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#83

Butylbenzylphthalate

Concen: 27.350 ng/ul

RT: 20.578 min Scan# 2994

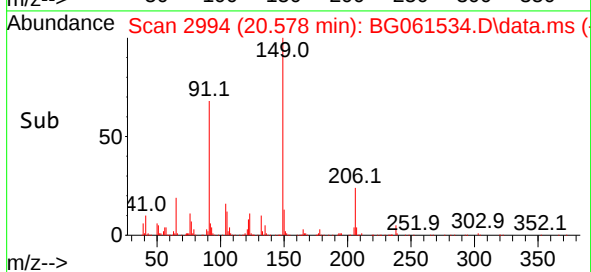
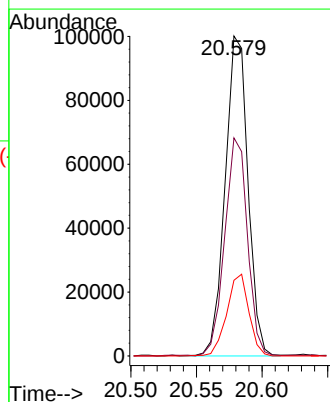
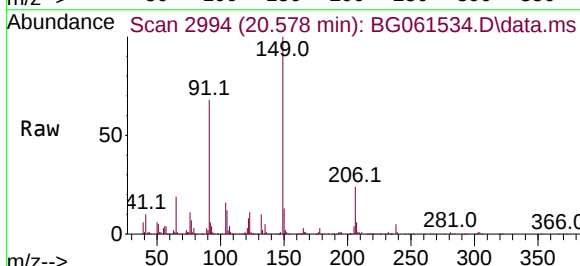
Delta R.T. 0.005 min

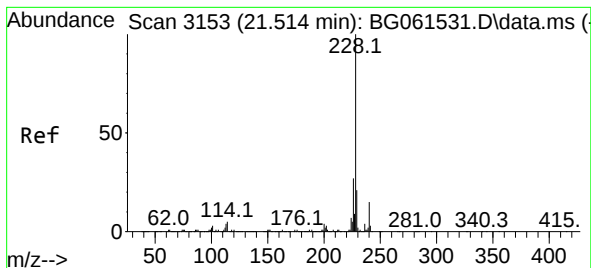
Lab File: BG061534.D

Acq: 7 Jun 2024 15:30

Tgt Ion:149 Resp: 121273

Ion	Ratio	Lower	Upper
149	100		
91	68.1	54.8	82.2
206	23.6	19.4	29.0





#85

Benzo(a)anthracene

Concen: 4.415 ng/ul

RT: 21.513 min Scan# 3153

Delta R.T. 0.011 min

Lab File: BG061534.D

Acq: 7 Jun 2024 15:30

Instrument :

BNA_G

ClientSampleId :

BHBW9DL

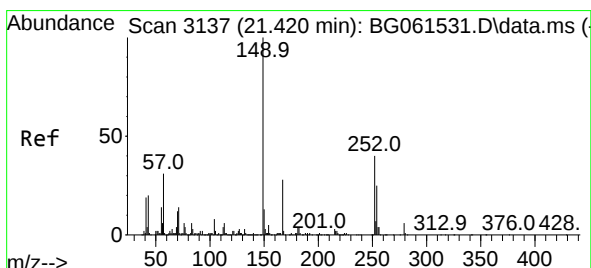
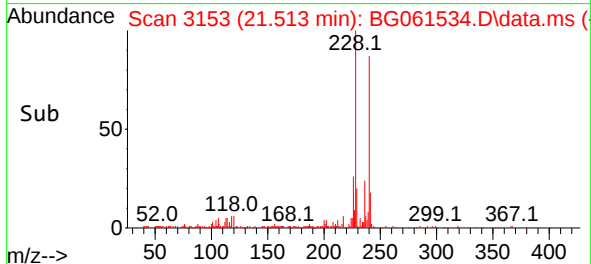
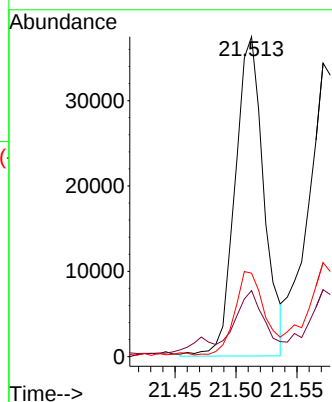
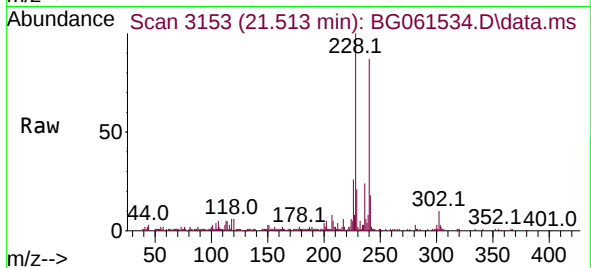
Tgt Ion:	228	Resp:	6150
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.2	22.8
226	26.1	21.4	32.2

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#86

Bis(2-ethylhexyl)phthalate

Concen: 2.235 ng/ul

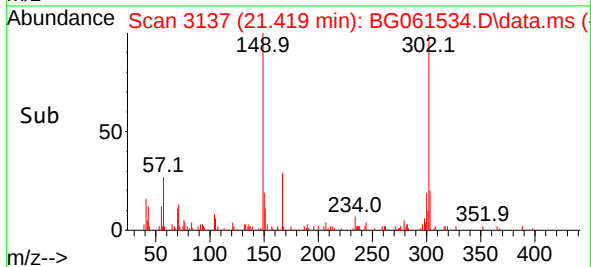
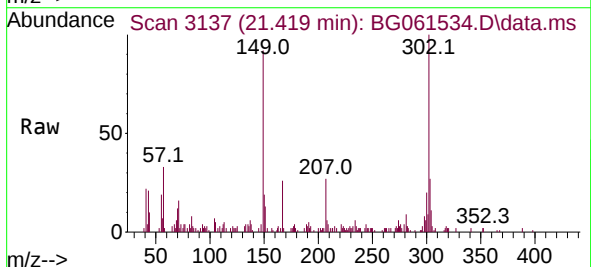
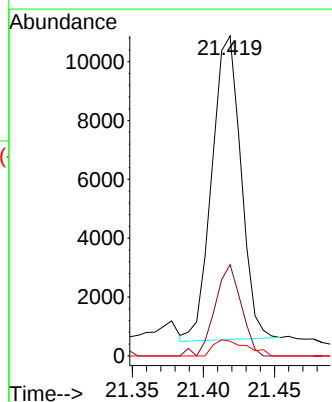
RT: 21.419 min Scan# 3137

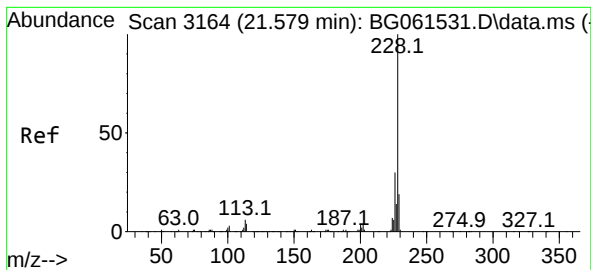
Delta R.T. 0.011 min

Lab File: BG061534.D

Acq: 7 Jun 2024 15:30

Tgt Ion:	149	Resp:	14667
Ion Ratio	Lower	Upper	
149	100		
167	28.6	21.1	31.7
279	4.6	3.3	4.9





#87

Chrysene

Concen: 4.821 ng/ul

RT: 21.571 min Scan# 3163

Delta R.T. 0.005 min

Lab File: BG061534.D

Acq: 7 Jun 2024 15:30

Instrument :

BNA_G

ClientSampleId :

BHBW9DL

Tgt Ion:228 Resp: 61830

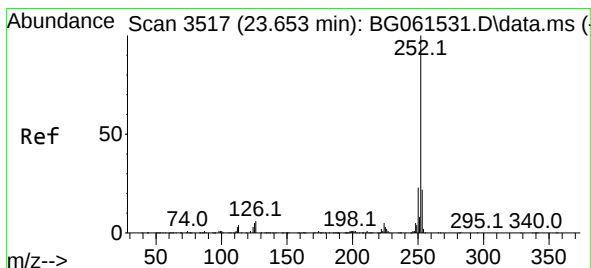
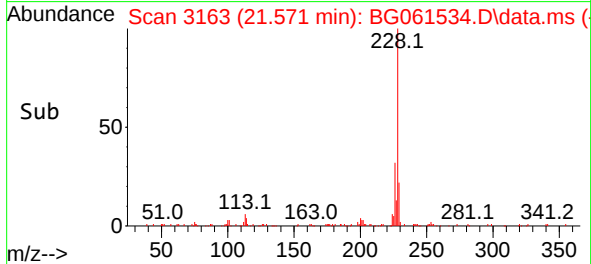
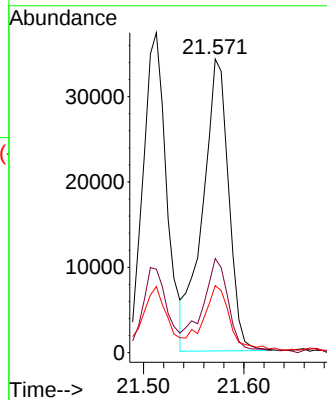
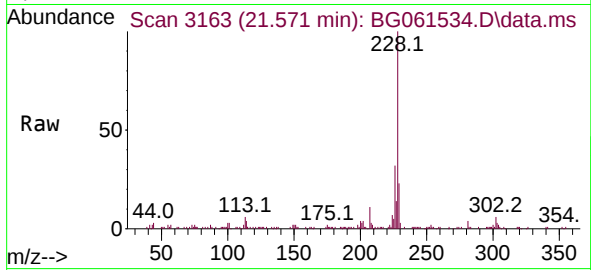
Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.4	35.0
229	22.8	15.4	23.2

Manual Integrations

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Supervised By :mohammad ahmed 06/10/2024



#90

Benzo(b)fluoranthene

Concen: 6.043 ng/ul

RT: 23.651 min Scan# 3517

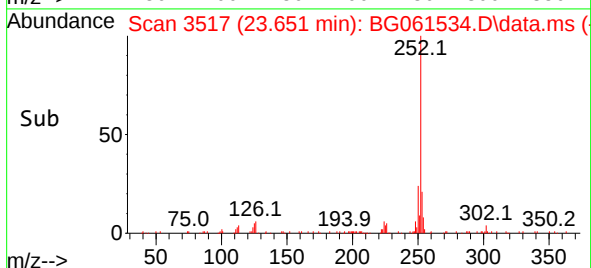
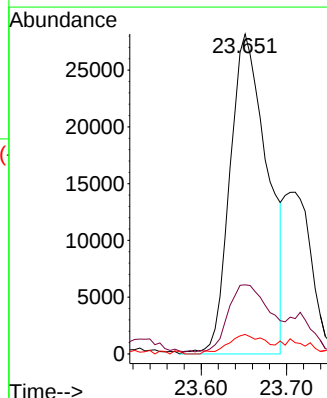
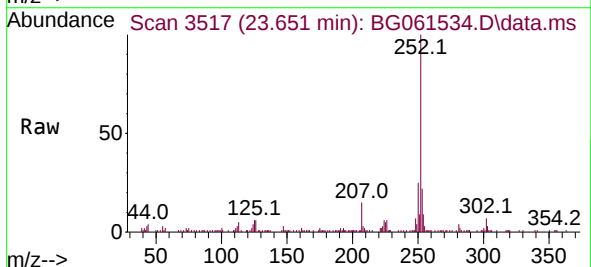
Delta R.T. 0.017 min

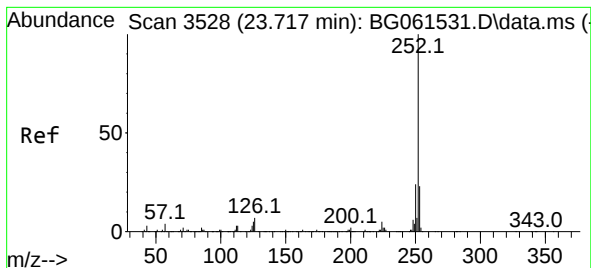
Lab File: BG061534.D

Acq: 7 Jun 2024 15:30

Tgt Ion:252 Resp: 85684

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	6.1	4.6	6.8





#91

Benzo(k)fluoranthene

Concen: 2.230 ng/ul m

RT: 23.710 min Scan# 3

Delta R.T. 0.011 min

Lab File: BG061534.D

Acq: 7 Jun 2024 15:30

Instrument :

BNA_G

ClientSampleId :

BHBW9DL

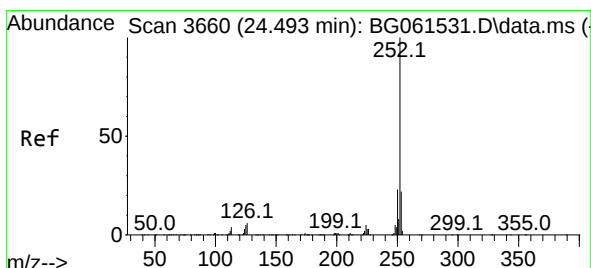
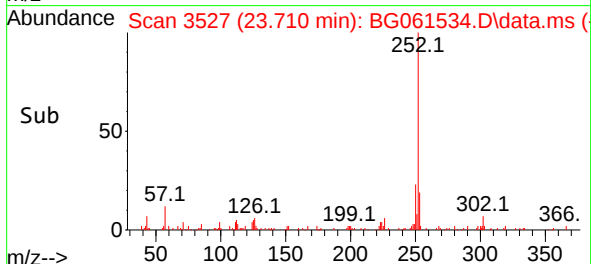
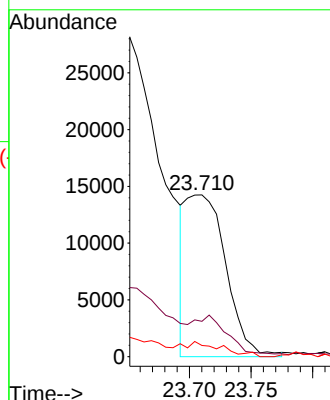
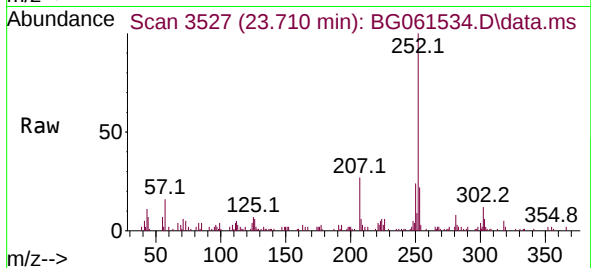
Tgt Ion:	252	Resp:	3209
Ion Ratio	Lower	Upper	
252	100		
253	21.9	16.0	24.0
125	6.9	4.3	6.5

Manual Integrations

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Supervised By :mohammad ahmed 06/10/2024



#93

Benzo(a)pyrene

Concen: 4.689 ng/ul

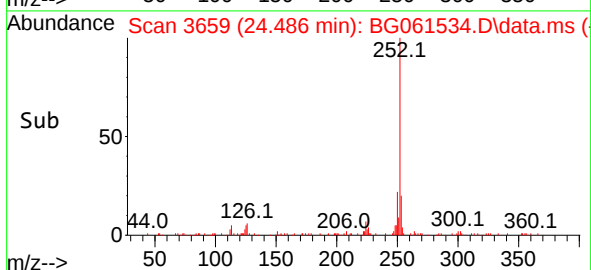
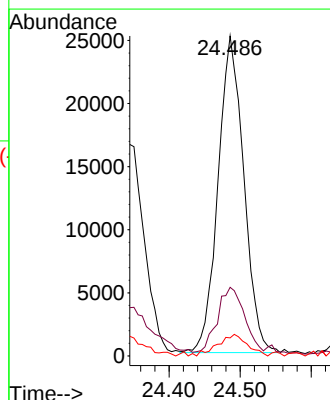
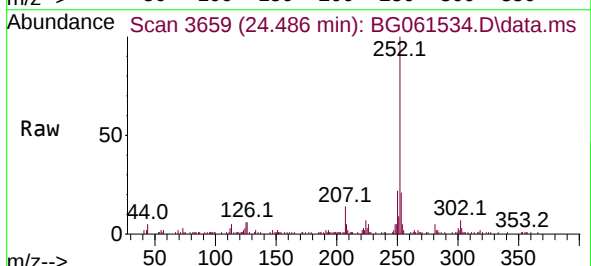
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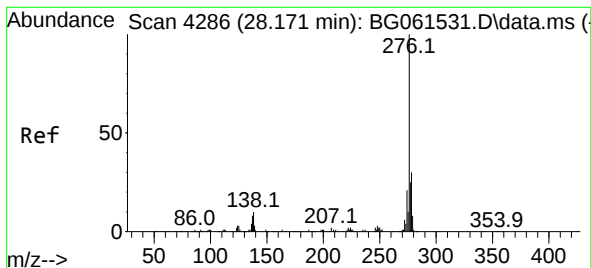
Delta R.T. 0.017 min

Lab File: BG061534.D

Acq: 7 Jun 2024 15:30

Tgt Ion:	252	Resp:	63125
Ion Ratio	Lower	Upper	
252	100		
253	21.5	16.4	24.6
125	5.6	4.3	6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.513 ng/ul m

RT: 28.158 min Scan# 4286

Delta R.T. 0.023 min

Lab File: BG061534.D

Acq: 7 Jun 2024 15:30

Instrument :

BNA_G

ClientSampleId :

BHBW9DL

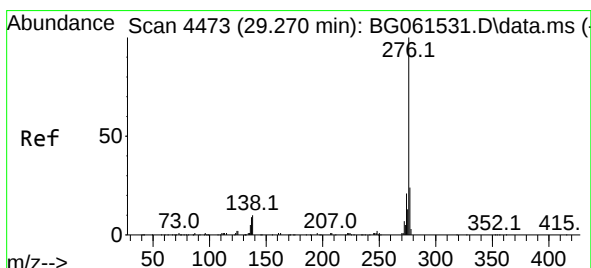
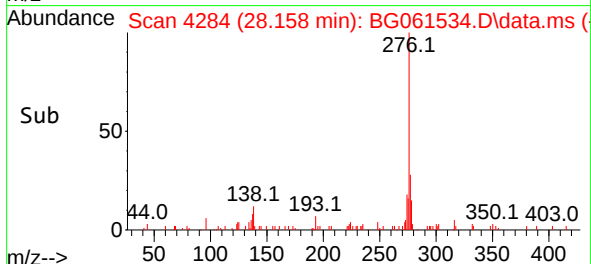
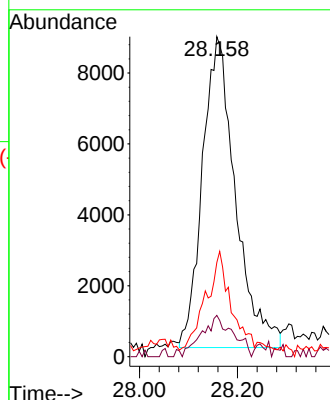
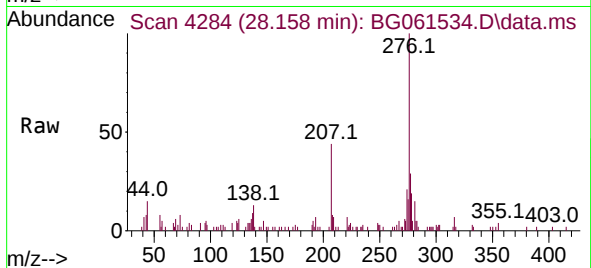
Tgt Ion:	276	Resp:	4091
Ion Ratio	Lower	Upper	
276	100		
138	12.9	8.6	13.0
277	29.5	19.7	29.5

Manual Integrations

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Supervised By :mohammad ahmed 06/10/2024



#96

Benzo(g,h,i)perylene

Concen: 3.004 ng/ul m

RT: 29.268 min Scan# 4473

Delta R.T. 0.047 min

Lab File: BG061534.D

Acq: 7 Jun 2024 15:30

Tgt Ion:	276	Resp:	38915
Ion Ratio	Lower	Upper	
276	100		
138	13.9	8.7	13.1#
277	19.5	18.2	27.2

