

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061427.D
 Acq On : 3 Jun 2024 17:29
 Operator : MA/JU
 Sample : P2577-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBP1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 23:48:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	34133	20.000	ng/ul	0.00
20) Naphthalene-d8	10.672	136	136695	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.515	164	106012	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	251728	20.000	ng/ul	0.00
79) Chrysene-d12	21.518	240	266495	20.000	ng/ul	0.00
88) Perylene-d12	24.609	264	310346	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	1894	3.105	ng/uL	0.00
4) Pyridine-d5	3.757	84	3018	1.391	ng/ul	0.02
7) Phenol-d5	7.065	99	56327	20.095	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.206	67	37434	21.247	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132	47144	22.726	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	48115	20.131	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	26054	24.755	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	28330	23.000	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	58541	24.379	ng/ul	0.00
31) 4-Chloroaniline-d4	10.807	131	38979	12.408	ng/ul	0.00
46) Dimethylphthalate-d6	13.915	166	194522	23.659	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160	225043	26.327	ng/ul	0.00
54) 4-Nitrophenol-d4	14.756	143	10979m	10.801	ng/ul	0.02
60) Fluorene-d10	15.508	176	183040	25.785	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	26888	17.660	ng/ul	0.01
73) Anthracene-d10	17.364	188	281321	25.349	ng/ul	0.00
81) Pyrene-d10	19.656	212	363074	26.534	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.397	264	389230	26.088	ng/ul	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.306	178	82133	6.722	ng/ul	99
80) Fluoranthene	19.321	202	156040	9.506	ng/ul	99
82) Pyrene	19.685	202	136441	8.008	ng/ul	100
85) Benzo(a)anthracene	21.495	228	83232m	4.526	ng/ul	
87) Chrysene	21.559	228	86535	5.111	ng/ul	98
90) Benzo(b)fluoranthene	23.634	252	117128	6.339	ng/ul	100
91) Benzo(k)fluoranthene	23.686	252	42995m	2.292	ng/ul	
93) Benzo(a)pyrene	24.462	252	82127	4.681	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.105	276	69665m	3.283	ng/ul	
96) Benzo(g,h,i)perylene	29.198	276	61785m	3.660	ng/ul	

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

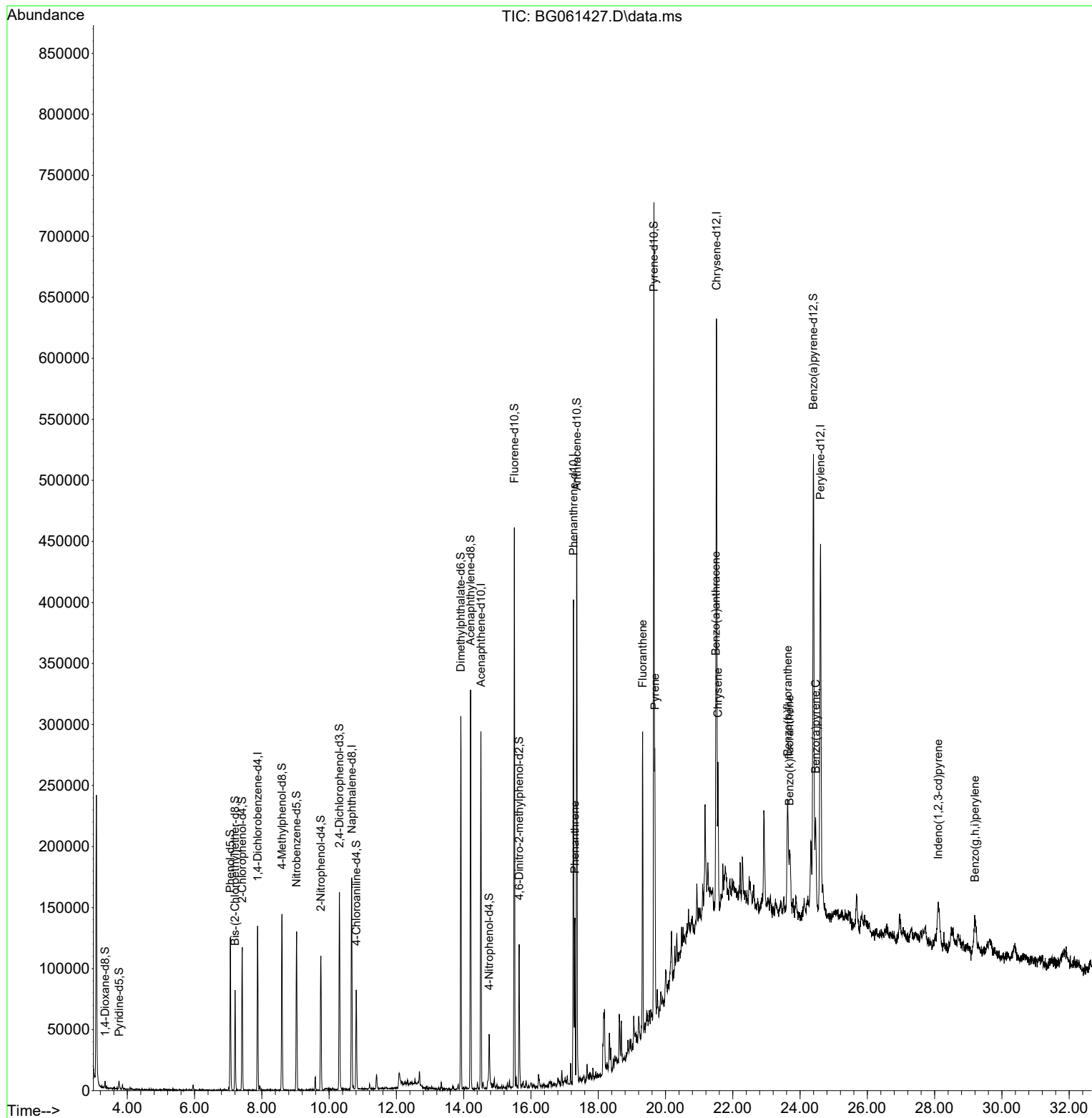
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061427.D
Acq On : 3 Jun 2024 17:29
Operator : MA/JU
Sample : P2577-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

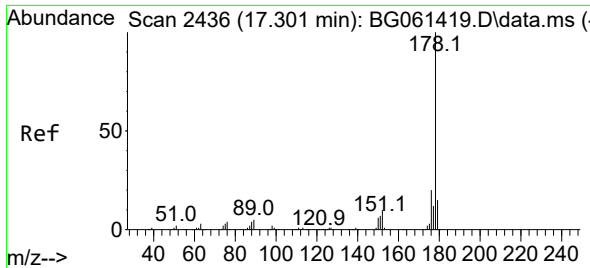
Instrument :
BNA_G
ClientSampleId :
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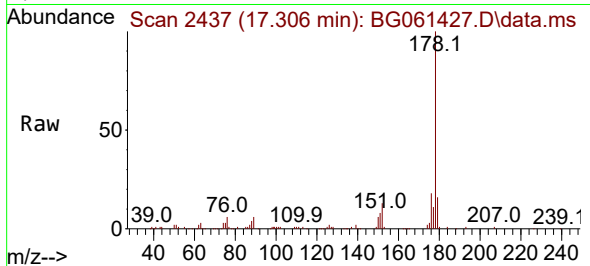
Quant Time: Jun 03 23:48:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 6.722 ng/ul
RT: 17.306 min Scan# 2436
Delta R.T. 0.006 min
Lab File: BG061427.D
Acq: 3 Jun 2024 17:29

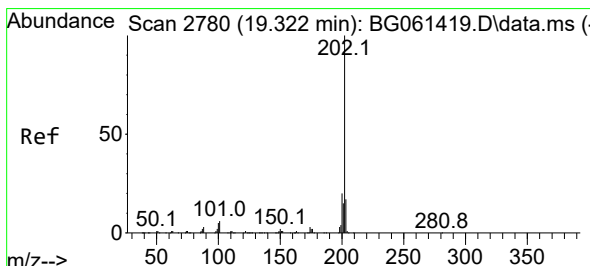
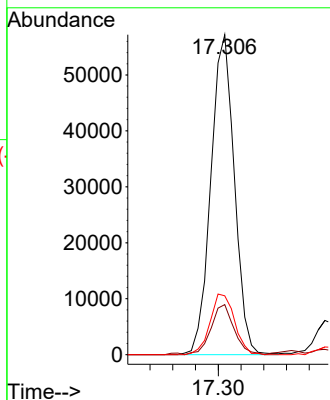
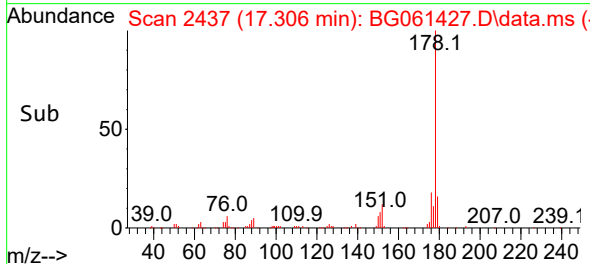
Instrument :
BNA_G
ClientSampleId :
BHBP1



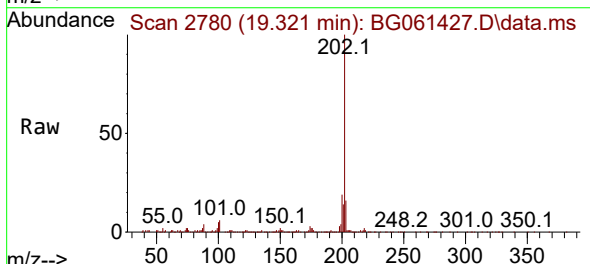
Tgt Ion:178 Resp: 8213
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 18.4 15.5 23.3

Manual Integrations
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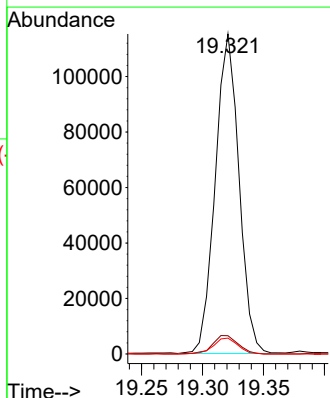
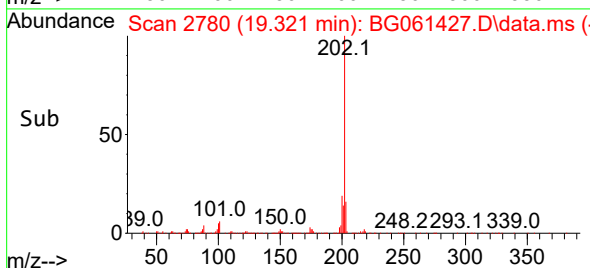
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

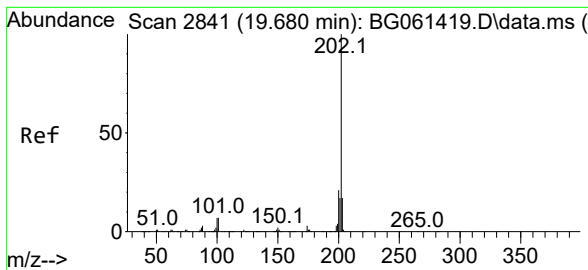


#80
Fluoranthene
Concen: 9.506 ng/ul
RT: 19.321 min Scan# 2780
Delta R.T. 0.006 min
Lab File: BG061427.D
Acq: 3 Jun 2024 17:29



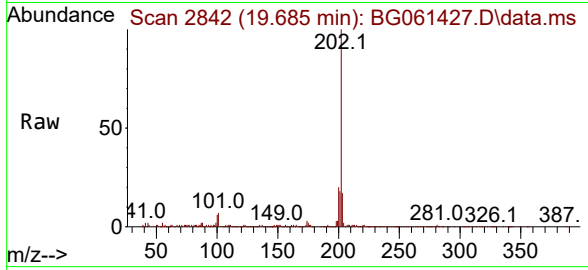
Tgt Ion:202 Resp: 156040
Ion Ratio Lower Upper
202 100
101 5.7 4.8 7.2
100 5.0 4.1 6.1





#82
 Pyrene
 Concen: 8.008 ng/ul
 RT: 19.685 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG061427.D
 Acq: 3 Jun 2024 17:29

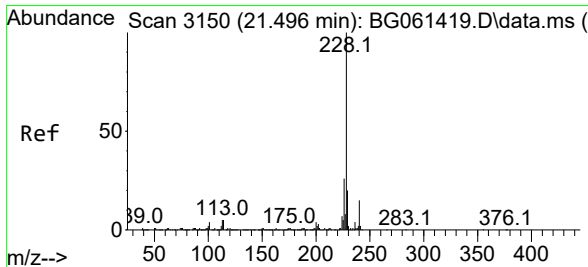
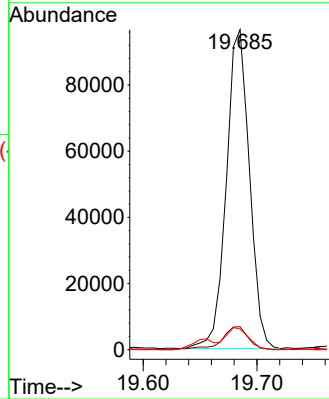
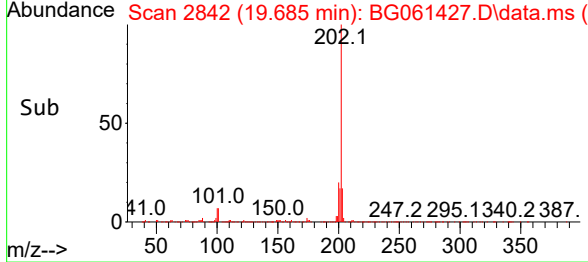
Instrument :
 BNA_G
 ClientSampleId :
 BHBP1



Tgt Ion:202 Resp: 13644
 Ion Ratio Lower Upper
 202 100
 101 7.2 5.7 8.5
 100 6.4 5.1 7.7

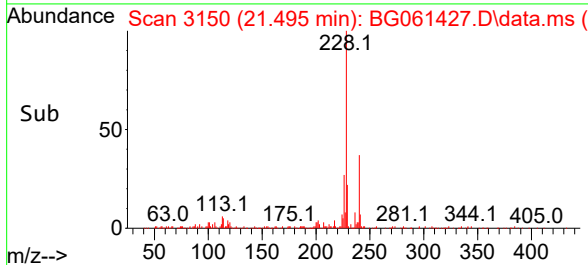
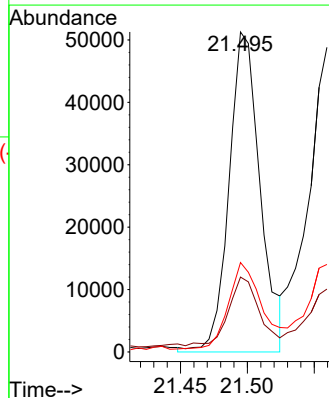
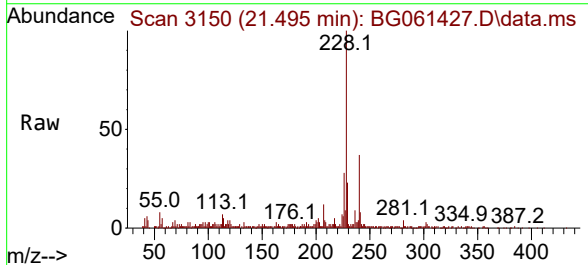
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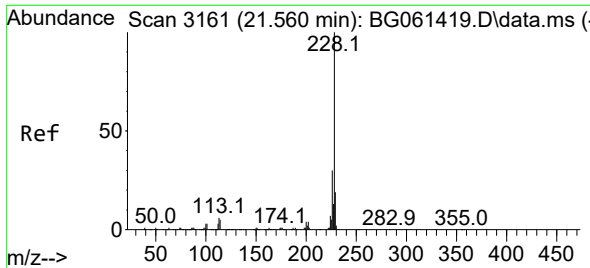
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



#85
 Benzo(a)anthracene
 Concen: 4.526 ng/ul m
 RT: 21.495 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: BG061427.D
 Acq: 3 Jun 2024 17:29

Tgt Ion:228 Resp: 83232
 Ion Ratio Lower Upper
 228 100
 229 23.4 15.2 22.8#
 226 27.9 21.4 32.2





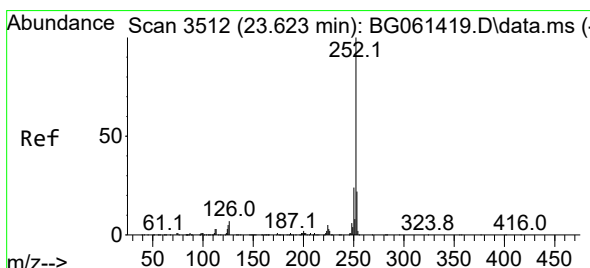
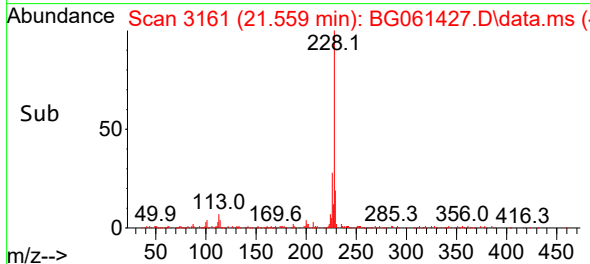
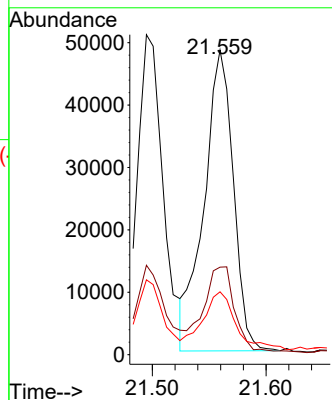
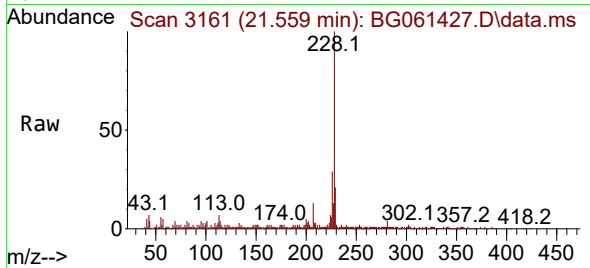
#87
Chrysene
Concen: 5.111 ng/ul
RT: 21.559 min Scan# 3161
Delta R.T. 0.006 min
Lab File: BG061427.D
Acq: 3 Jun 2024 17:29

Instrument :
BNA_G
ClientSampleId :
BHBP1

Tgt Ion:228 Resp: 8653
Ion Ratio Lower Upper
228 100
226 28.7 23.4 35.0
229 20.6 15.4 23.2

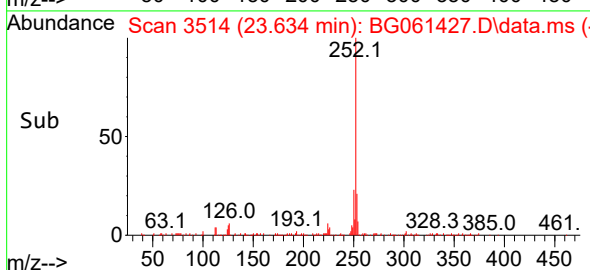
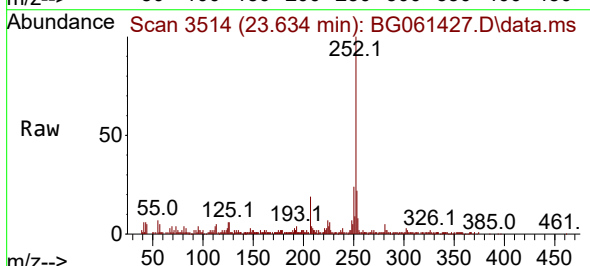
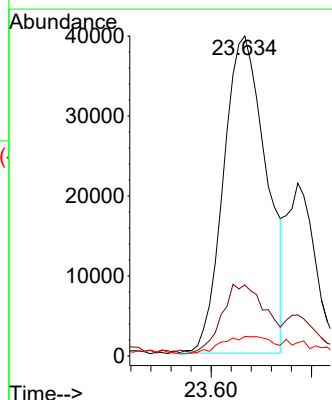
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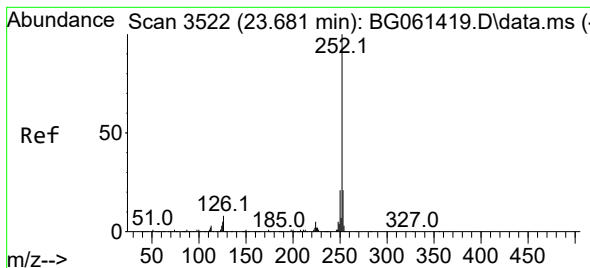
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#90
Benzo(b)fluoranthene
Concen: 6.339 ng/ul
RT: 23.634 min Scan# 3514
Delta R.T. 0.018 min
Lab File: BG061427.D
Acq: 3 Jun 2024 17:29

Tgt Ion:252 Resp: 117128
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 6.1 4.6 6.8





#91

Benzo(k)fluoranthene

Concen: 2.292 ng/ul m

RT: 23.686 min Scan# 3522

Delta R.T. 0.006 min

Lab File: BG061427.D

Acq: 3 Jun 2024 17:29

Instrument :

BNA_G

ClientSampleId :

BHBP1

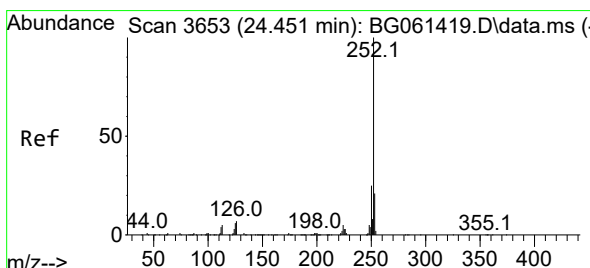
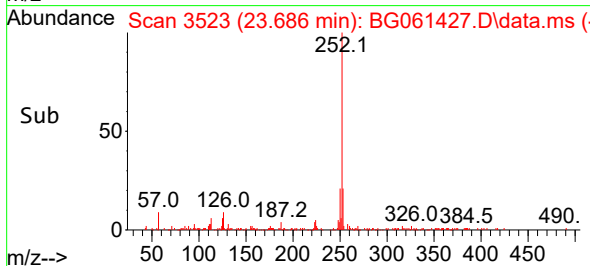
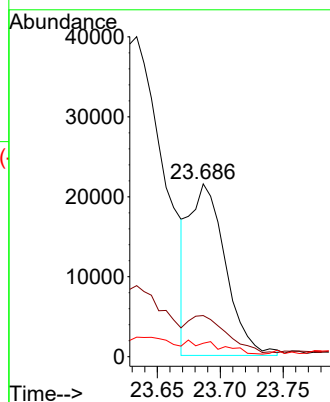
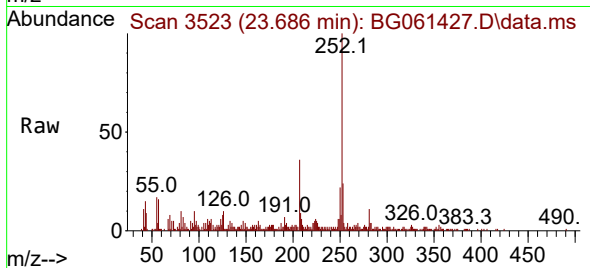
Tgt Ion:252 Resp: 42998

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.0	24.0
125	7.8	4.3	6.5

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#93

Benzo(a)pyrene

Concen: 4.681 ng/ul

RT: 24.462 min Scan# 3655

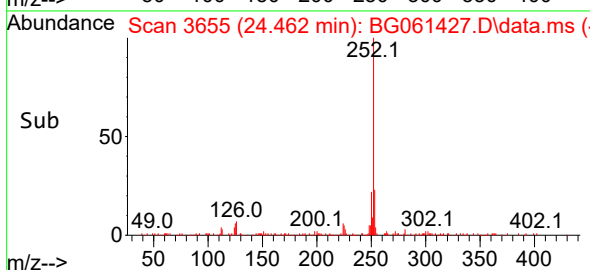
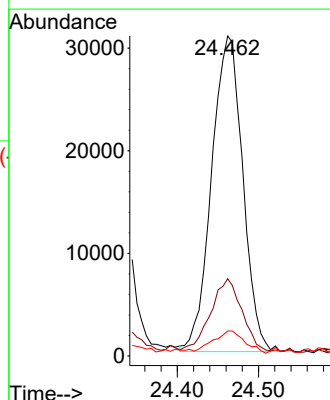
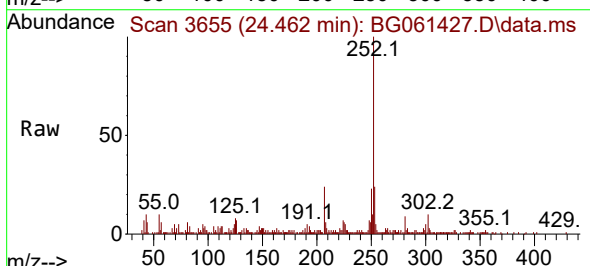
Delta R.T. 0.012 min

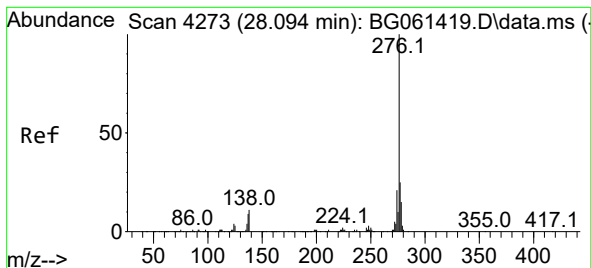
Lab File: BG061427.D

Acq: 3 Jun 2024 17:29

Tgt Ion:252 Resp: 82127

Ion	Ratio	Lower	Upper
252	100		
253	24.2	16.4	24.6
125	7.8	4.3	6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.283 ng/ul m

RT: 28.105 min Scan# 41

Delta R.T. 0.012 min

Lab File: BG061427.D

Acq: 3 Jun 2024 17:29

Instrument :

BNA_G

ClientSampleId :

BHBP1

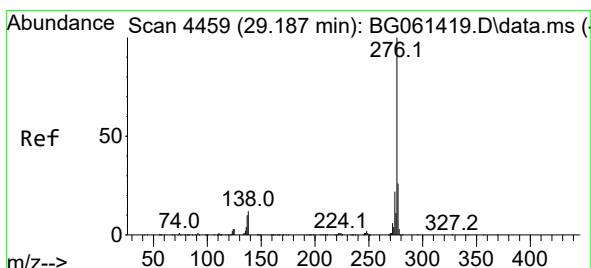
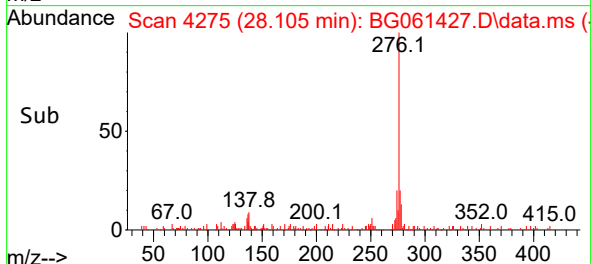
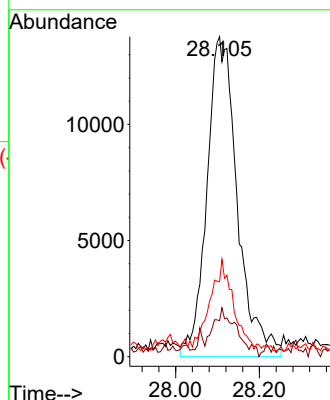
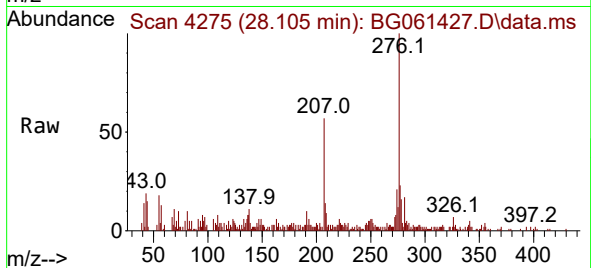
Tgt Ion:276 Resp: 6966

Ion	Ratio	Lower	Upper
276	100		
138	11.3	8.6	13.0
277	23.4	19.7	29.5

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 3.660 ng/ul m

RT: 29.198 min Scan# 4461

Delta R.T. 0.024 min

Lab File: BG061427.D

Acq: 3 Jun 2024 17:29

Tgt Ion:276 Resp: 61785

Ion	Ratio	Lower	Upper
276	100		
138	13.4	8.7	13.1#
277	21.9	18.2	27.2

