

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
 Data File : BG061277.D
 Acq On : 23 May 2024 18:51
 Operator : MA/JU
 Sample : P2547-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5Q0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 24 01:28:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.884	152	28177	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	128850	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.518	164	112394	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.267	188	282561	20.000	ng/u1	0.00
79) Chrysene-d12	21.515	240	282946	20.000	ng/u1	0.00
88) Perylene-d12	24.606	264	315304	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1071	2.127	ng/uL	0.00
4) Pyridine-d5	3.748	84	13815	7.713	ng/u1	0.00
7) Phenol-d5	7.062	99	27156	11.736	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.214	67	17423	11.980	ng/u1	0.00
11) 2-Chlorophenol-d4	7.420	132	20610	12.035	ng/u1	0.00
15) 4-Methylphenol-d8	8.601	113	20142	10.209	ng/u1	0.00
21) Nitrobenzene-d5	9.042	128	11535	11.627	ng/u1	0.00
24) 2-Nitrophenol-d4	9.764	143	13436	11.572	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.311	165	25913	11.448	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	24522	8.281	ng/u1	0.00
46) Dimethylphthalate-d6	13.924	166	107224	12.300	ng/u1	0.00
49) Acenaphthylene-d8	14.212	160	113460	12.520	ng/u1	0.00
54) 4-Nitrophenol-d4	14.747	143	9461	8.779	ng/u1	0.00
60) Fluorene-d10	15.511	176	97442	12.948	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	16510	9.661	ng/u1	0.00
73) Anthracene-d10	17.367	188	168584	13.533	ng/u1	0.00
81) Pyrene-d10	19.659	212	202988	13.972	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.394	264	206857	13.646	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.309	178	53931	3.932	ng/u1	98
80) Fluoranthene	19.324	202	180509	10.357	ng/u1	100
82) Pyrene	19.682	202	176770	9.771	ng/u1	98
85) Benzo(a)anthracene	21.498	228	100832	5.165	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.415	149	22246	2.418	ng/u1#	96
87) Chrysene	21.562	228	104079	5.790	ng/u1	96
90) Benzo(b)fluoranthene	23.631	252	153930	8.200	ng/u1	98
91) Benzo(k)fluoranthene	23.678	252	49526m	2.599	ng/u1	
93) Benzo(a)pyrene	24.459	252	106740	5.988	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.096	276	77798	3.609	ng/u1#	90
95) Dibenzo(a,h)anthracene	28.131	278	21531m	1.211	ng/u1	
96) Benzo(g,h,i)perylene	29.189	276	76263m	4.447	ng/u1	

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

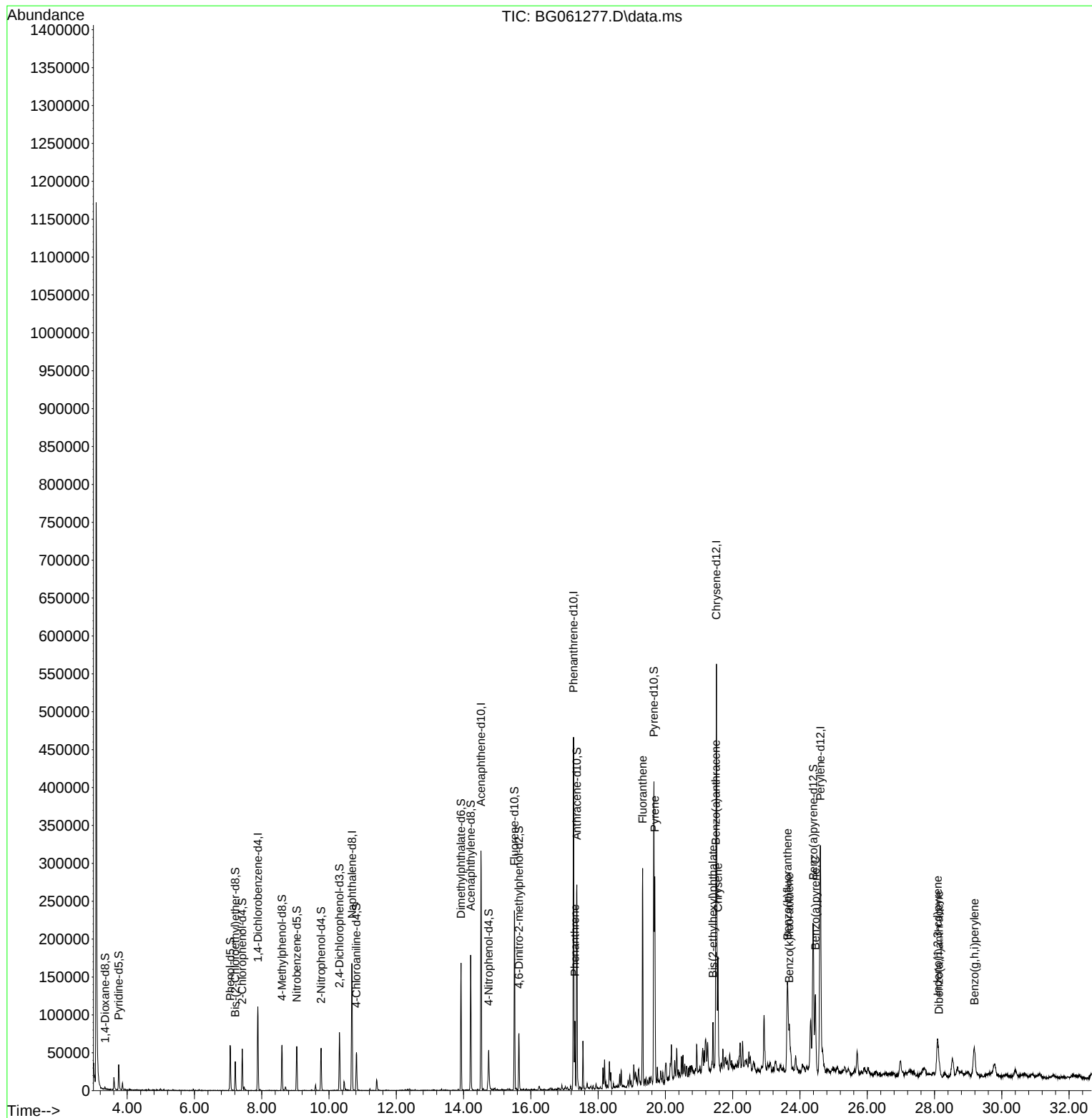
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
Data File : BG061277.D
Acq On : 23 May 2024 18:51
Operator : MA/JU
Sample : P2547-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

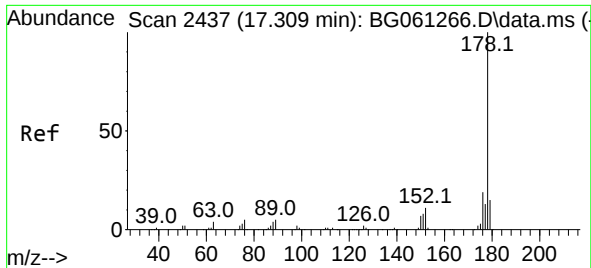
Instrument :
BNA_G
ClientSampleId :
BH5Q0

Quant Time: May 24 01:28:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
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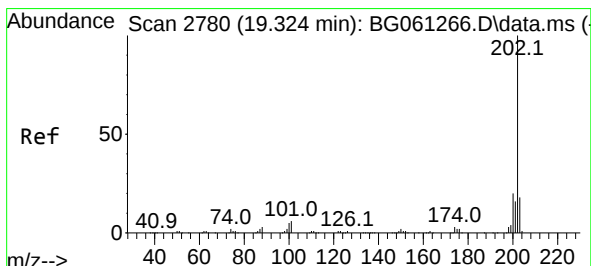
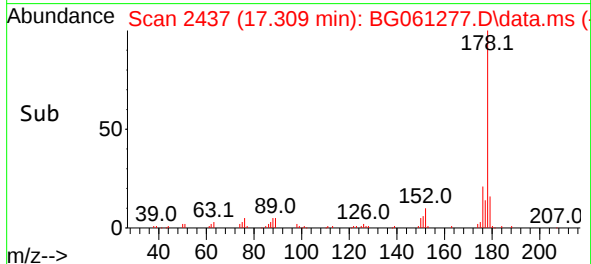
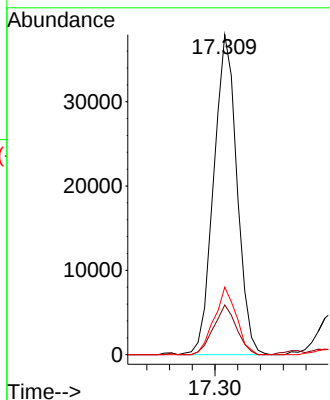
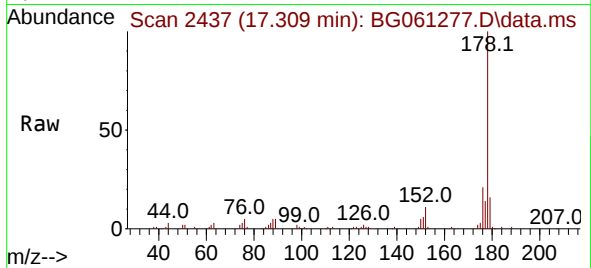
#72
Phenanthrene
Concen: 3.932 ng/ul
RT: 17.309 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BG061277.D
Acq: 23 May 2024 18:51

Instrument :
BNA_G
ClientSampleId :
BH5Q0

Tgt Ion:178 Resp: 5393
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 21.1 15.5 23.3

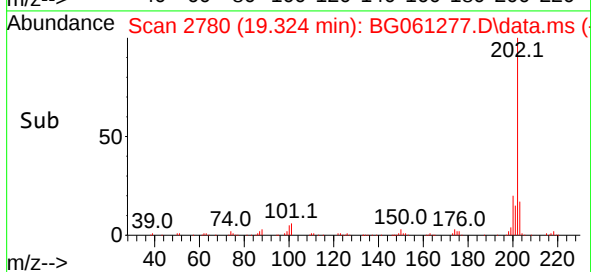
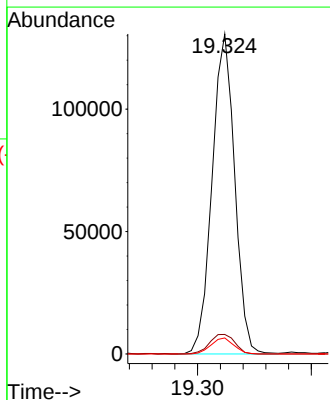
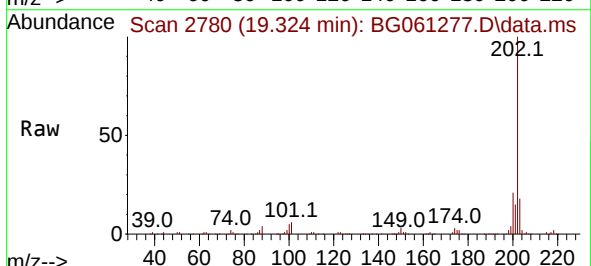
Manual Integrations
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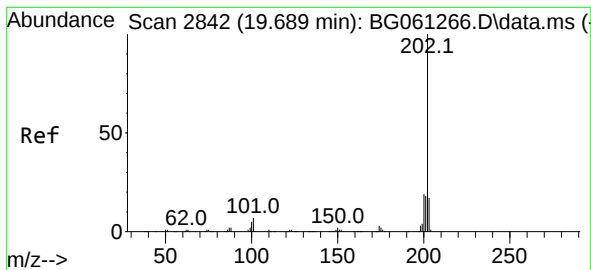
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#80
Fluoranthene
Concen: 10.357 ng/ul
RT: 19.324 min Scan# 2780
Delta R.T. -0.004 min
Lab File: BG061277.D
Acq: 23 May 2024 18:51

Tgt Ion:202 Resp: 180509
Ion Ratio Lower Upper
202 100
101 6.1 4.8 7.2
100 5.0 4.1 6.1





#82

Pyrene

Concen: 9.771 ng/ul

RT: 19.682 min Scan# 2841

Delta R.T. -0.004 min

Lab File: BG061277.D

Acq: 23 May 2024 18:51

Instrument :

BNA_G

ClientSampleId :

BH5Q0

Tgt Ion:202 Resp: 176770

Ion Ratio Lower Upper

202 100

101 7.4 5.7 8.5

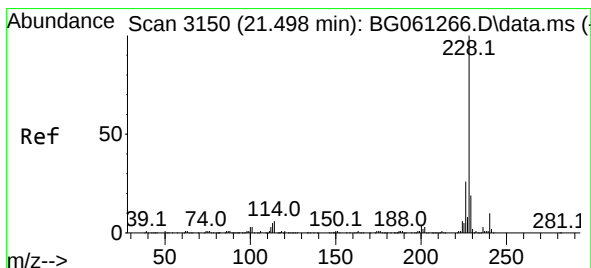
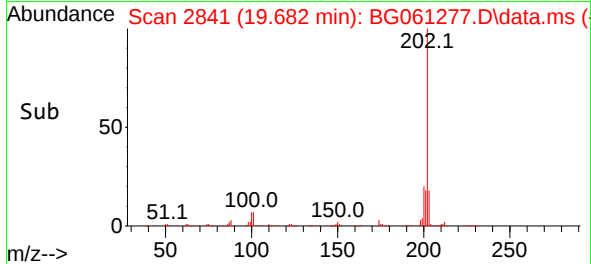
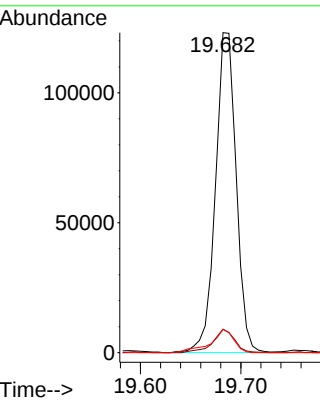
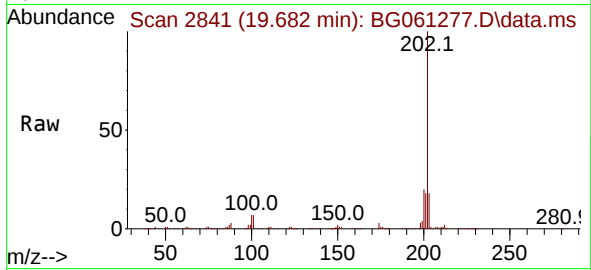
100 7.3 5.1 7.7

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#85

Benzo(a)anthracene

Concen: 5.165 ng/ul

RT: 21.498 min Scan# 3150

Delta R.T. -0.004 min

Lab File: BG061277.D

Acq: 23 May 2024 18:51

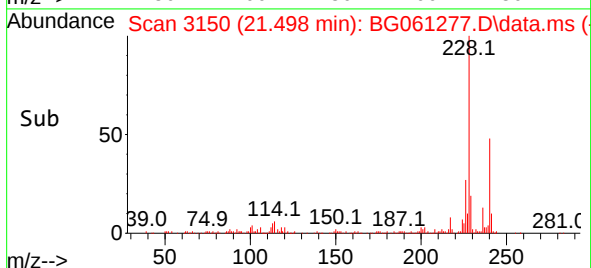
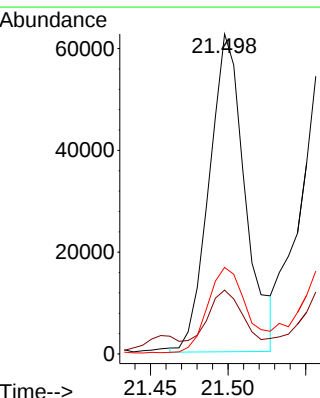
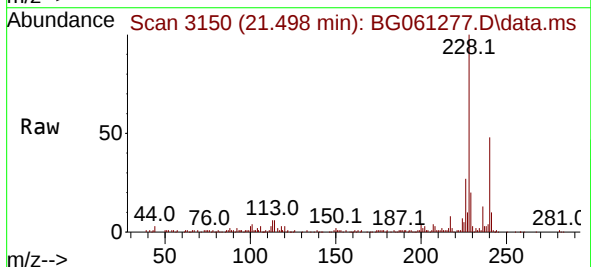
Tgt Ion:228 Resp: 100832

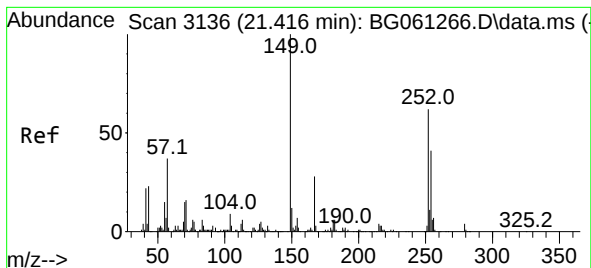
Ion Ratio Lower Upper

228 100

229 19.9 15.2 22.8

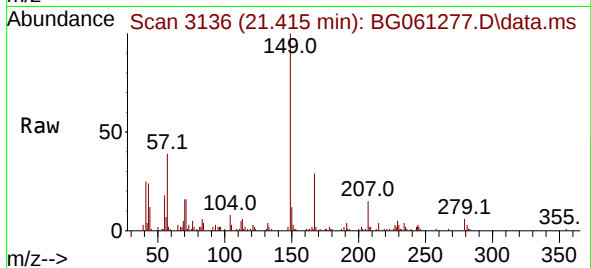
226 27.1 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.418 ng/ul
RT: 21.415 min Scan# 3136
Delta R.T. 0.002 min
Lab File: BG061277.D
Acq: 23 May 2024 18:51

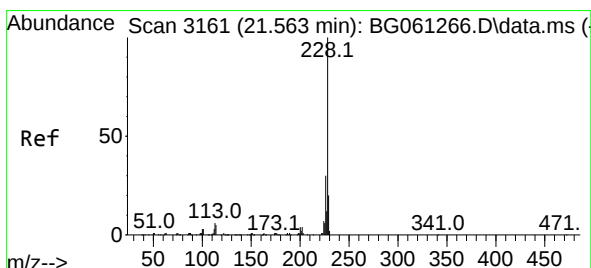
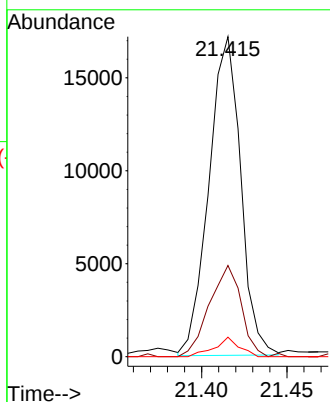
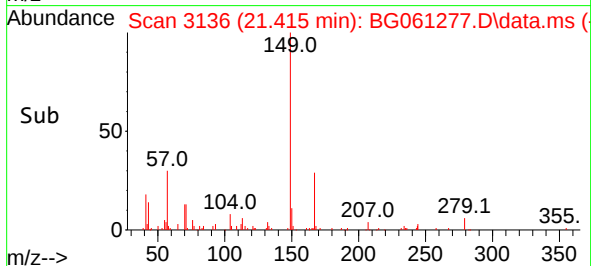
Instrument :
BNA_G
ClientSampleId :
BH5Q0



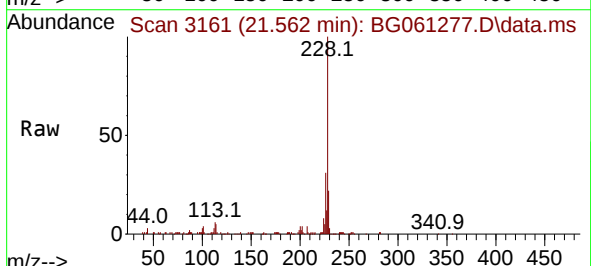
Tgt Ion:149 Resp: 22240
Ion Ratio Lower Upper
149 100
167 28.5 21.1 31.7
279 6.1 3.3 4.9

Manual Integrations
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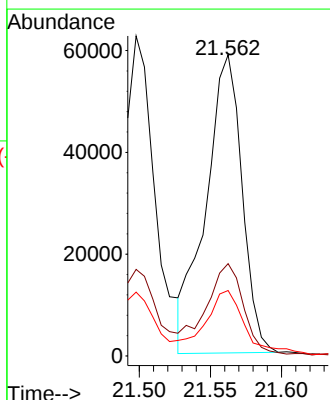
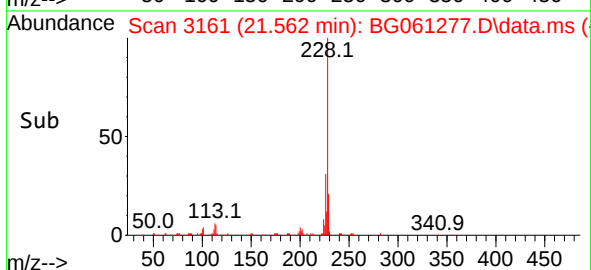
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

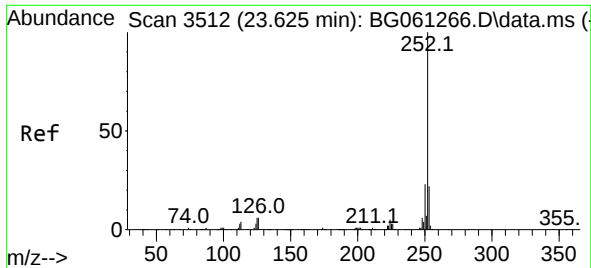


#87
Chrysene
Concen: 5.790 ng/ul
RT: 21.562 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BG061277.D
Acq: 23 May 2024 18:51



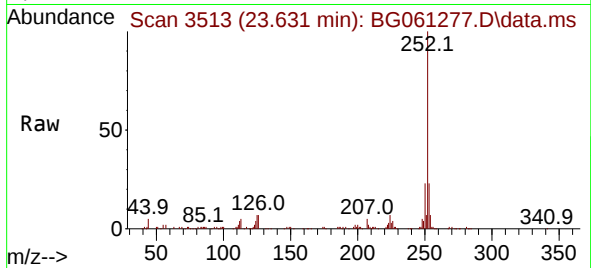
Tgt Ion:228 Resp: 104079
Ion Ratio Lower Upper
228 100
226 30.6 23.4 35.0
229 21.7 15.4 23.2





#90
Benzo(b)fluoranthene
Concen: 8.200 ng/ul
RT: 23.631 min Scan# 3512
Delta R.T. 0.002 min
Lab File: BG061277.D
Acq: 23 May 2024 18:51

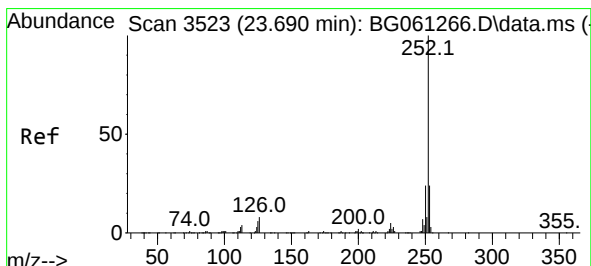
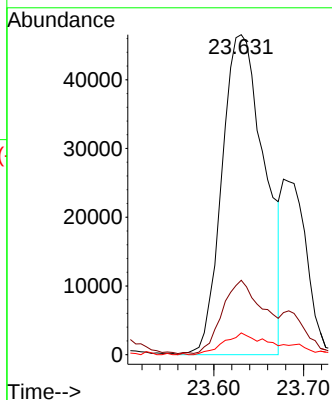
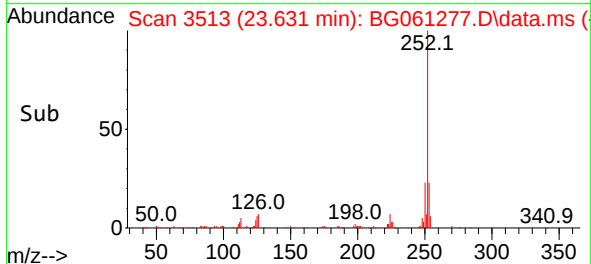
Instrument :
BNA_G
ClientSampleId :
BH5Q0



Tgt Ion:252 Resp: 153930
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 6.8 4.6 6.8

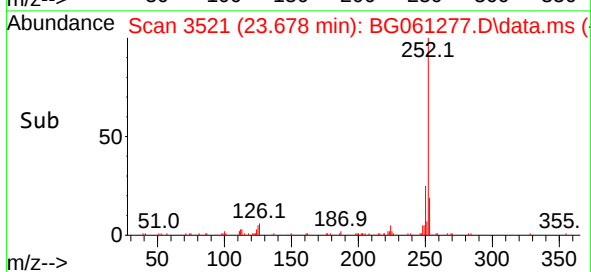
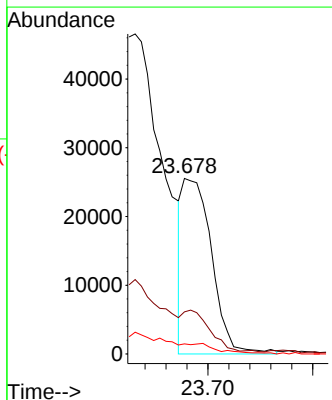
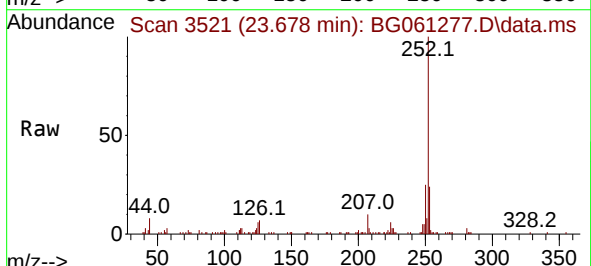
Manual Integrations
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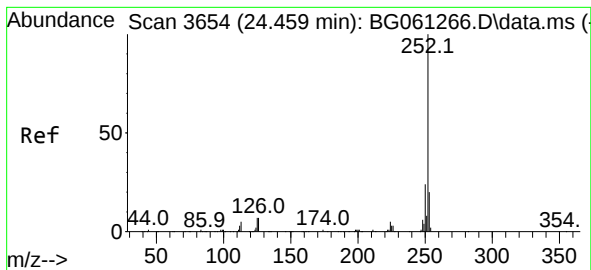
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#91
Benzo(k)fluoranthene
Concen: 2.599 ng/ul m
RT: 23.678 min Scan# 3521
Delta R.T. -0.016 min
Lab File: BG061277.D
Acq: 23 May 2024 18:51

Tgt Ion:252 Resp: 49526
Ion Ratio Lower Upper
252 100
253 23.9 16.0 24.0
125 5.7 4.3 6.5





#93

Benzo(a)pyrene

Concen: 5.988 ng/ul

RT: 24.459 min Scan# 30

Delta R.T. -0.004 min

Lab File: BG061277.D

Acq: 23 May 2024 18:51

Instrument :

BNA_G

ClientSampleId :

BH5Q0

Tgt Ion:252 Resp: 106740

Ion Ratio Lower Upper

252 100

253 21.8 16.4 24.6

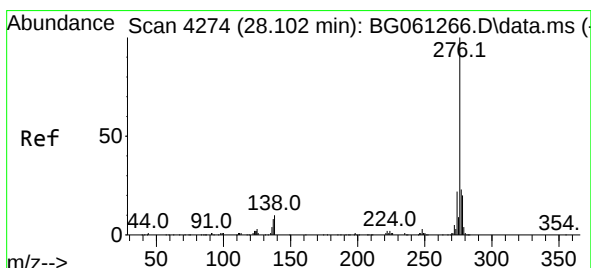
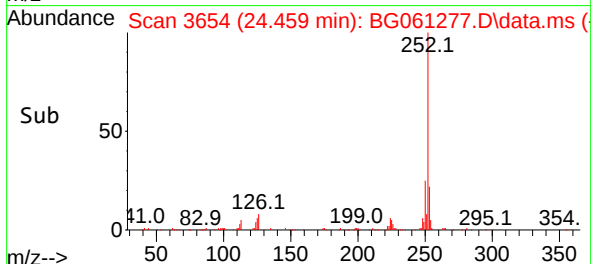
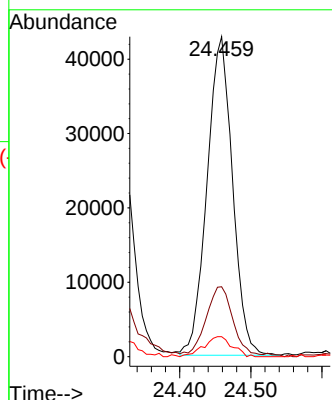
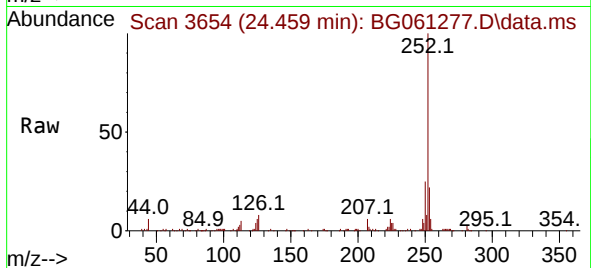
125 6.2 4.3 6.5

Manual Integrations

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Supervised By :mohammad ahmed 05/25/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.609 ng/ul

RT: 28.096 min Scan# 4273

Delta R.T. -0.010 min

Lab File: BG061277.D

Acq: 23 May 2024 18:51

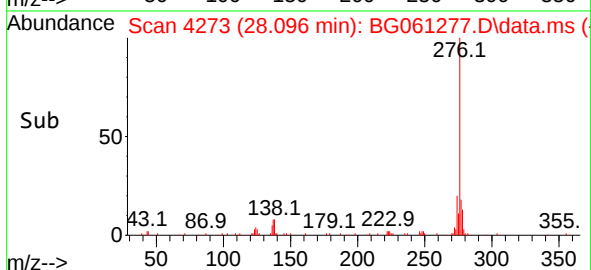
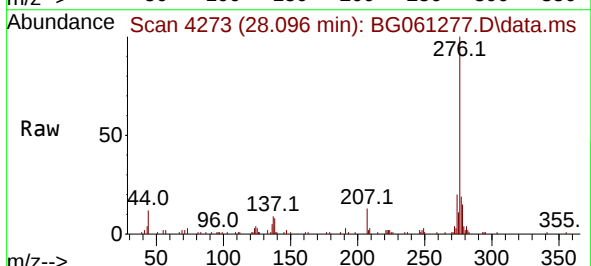
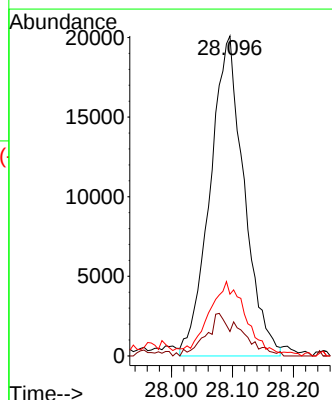
Tgt Ion:276 Resp: 77798

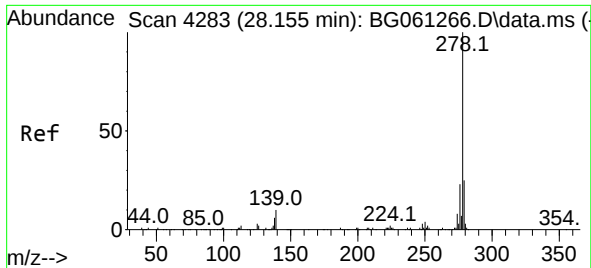
Ion Ratio Lower Upper

276 100

138 7.6 8.6 13.0#

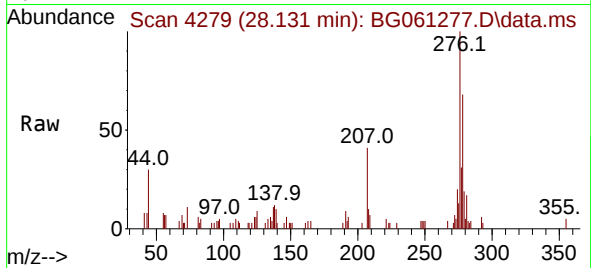
277 19.3 19.7 29.5#





#95
Dibenzo(a,h)anthracene
Concen: 1.211 ng/ul m
RT: 28.131 min Scan# 4279
Delta R.T. -0.028 min
Lab File: BG061277.D
Acq: 23 May 2024 18:51

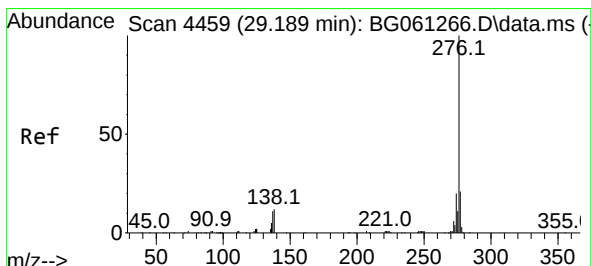
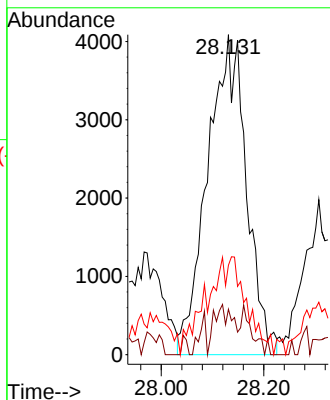
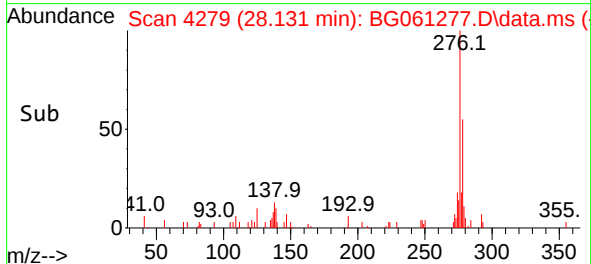
Instrument :
BNA_G
ClientSampleId :
BH5Q0



Tgt Ion:278 Resp: 2153
Ion Ratio Lower Upper
278 100
139 14.2 6.4 9.6
279 28.0 19.9 29.9

Manual Integrations
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Supervised By :mohammad ahmed 05/25/2024



#96
Benzo(g,h,i)perylene
Concen: 4.447 ng/ul m
RT: 29.189 min Scan# 4459
Delta R.T. -0.004 min
Lab File: BG061277.D
Acq: 23 May 2024 18:51

Tgt Ion:276 Resp: 76263
Ion Ratio Lower Upper
276 100
138 13.0 8.7 13.1
277 23.8 18.2 27.2

