

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061313.D
 Acq On : 29 May 2024 00:09
 Operator : MA/JU
 Sample : P2568-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH640

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

Quant Time: May 29 00:46:58 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	7.883	152	25633	20.000	ng/u1	0.00
20) Naphthalene-d8	10.674	136	109277	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.517	164	84869	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.266	188	187101	20.000	ng/u1	0.00
79) Chrysene-d12	21.514	240	194954	20.000	ng/u1	0.00
88) Perylene-d12	24.599	264	220512	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	3067	6.696	ng/uL	0.00
4) Pyridine-d5	3.747	84	49131	30.151	ng/u1	0.00
7) Phenol-d5	7.067	99	70835	33.651	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	43495	32.874	ng/u1	0.00
11) 2-Chlorophenol-d4	7.419	132	55670	35.735	ng/u1	0.00
15) 4-Methylphenol-d8	8.600	113	63566	35.415	ng/u1	0.00
21) Nitrobenzene-d5	9.041	128	30648	36.427	ng/u1	0.00
24) 2-Nitrophenol-d4	9.758	143	35503	36.056	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.310	165	70563	36.758	ng/u1	0.00
31) 4-Chloroaniline-d4	10.815	131	85914	34.209	ng/u1	0.00
46) Dimethylphthalate-d6	13.923	166	245189	37.250	ng/u1	0.00
49) Acenaphthylene-d8	14.211	160	272995	39.893	ng/u1	0.00
54) 4-Nitrophenol-d4	14.746	143	29994	36.858	ng/u1	0.00
60) Fluorene-d10	15.510	176	215511	37.923	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	36526	32.277	ng/u1	0.00
73) Anthracene-d10	17.366	188	329076	39.894	ng/u1	0.00
81) Pyrene-d10	19.658	212	401265	40.086	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.393	264	444574	41.936	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.308	178	23522	2.590	ng/u1	96
80) Fluoranthene	19.323	202	66325	5.523	ng/u1	98
82) Pyrene	19.681	202	60635	4.865	ng/u1	98
85) Benzo(a)anthracene	21.497	228	37277	2.771	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.409	149	18656	2.943	ng/u1#	97
87) Chrysene	21.555	228	37120	2.997	ng/u1	99
90) Benzo(b)fluoranthene	23.635	252	50793m	3.869	ng/u1	
91) Benzo(k)fluoranthene	23.688	252	15279	1.146	ng/u1	99
93) Benzo(a)pyrene	24.458	252	34304	2.752	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	28.089	276	25953m	1.721	ng/u1	
96) Benzo(g,h,i)perylene	29.188	276	22900m	1.909	ng/u1	

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

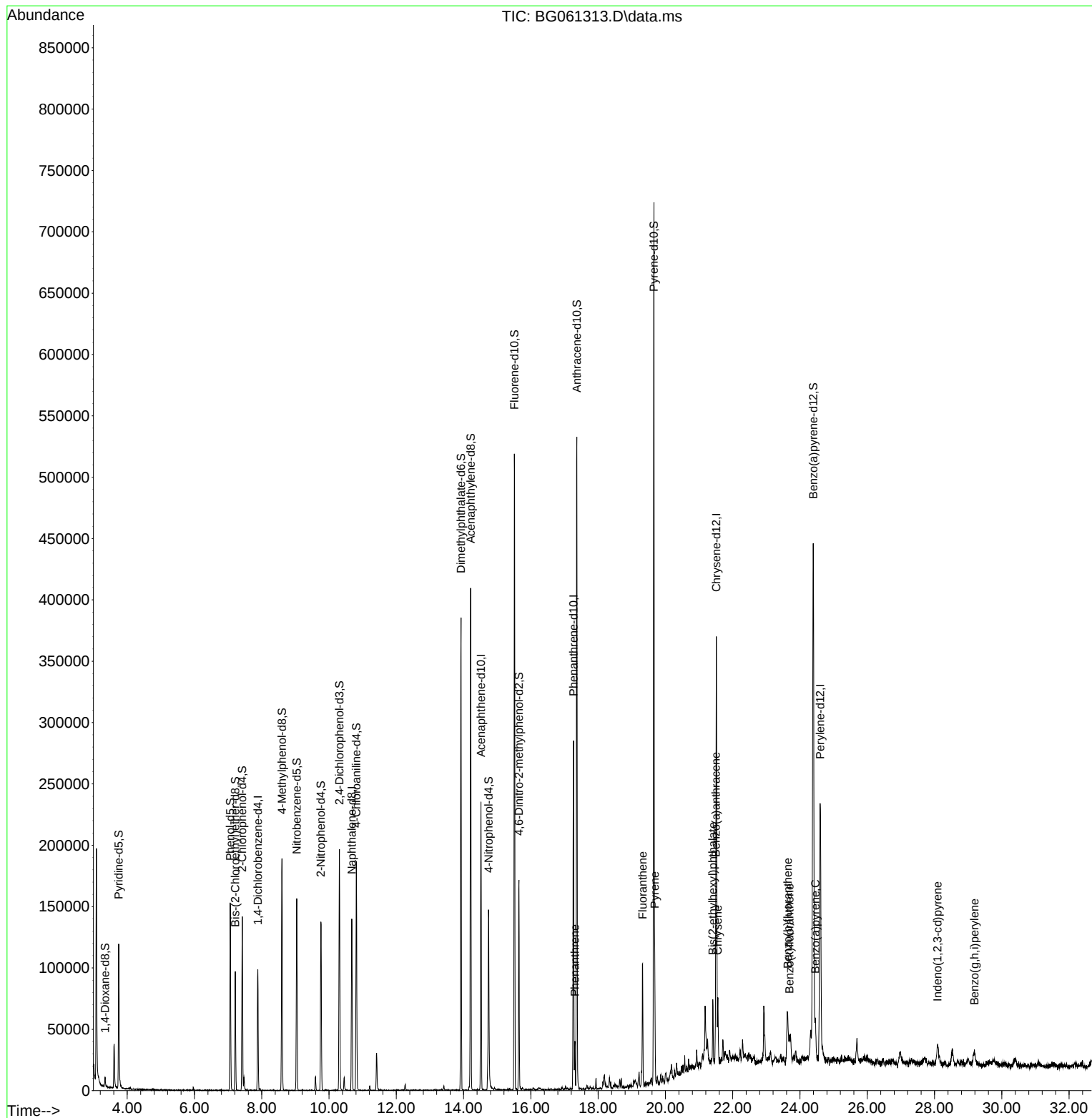
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061313.D
Acq On : 29 May 2024 00:09
Operator : MA/JU
Sample : P2568-19
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ALS Vial : 20 Sample Multiplier: 1

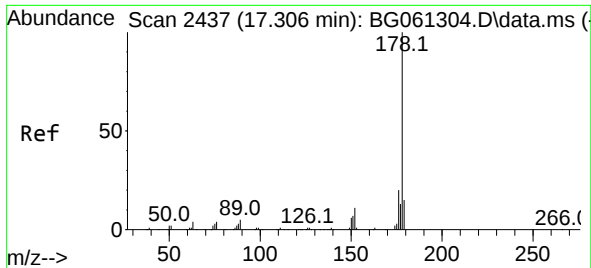
Instrument :
BNA_G
ClientSampleId :
BH640

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Supervised By :mohammad ahmed 05/30/2024

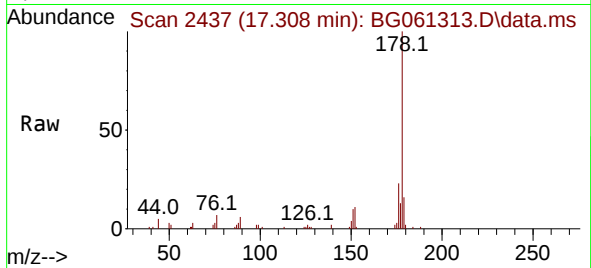
Quant Time: May 29 00:46:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.590 ng/ul
RT: 17.308 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BG061313.D
Acq: 29 May 2024 00:09

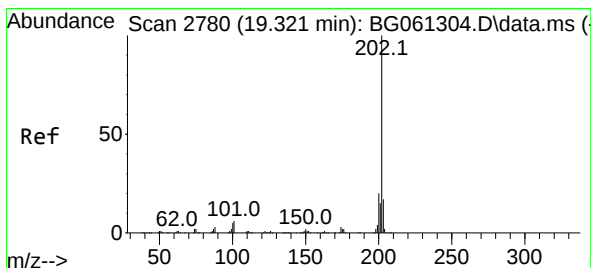
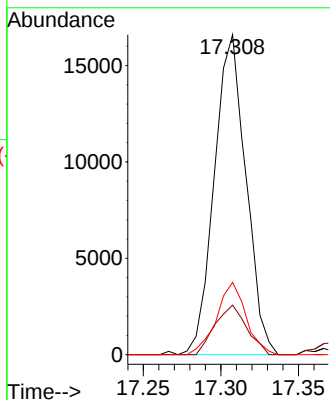
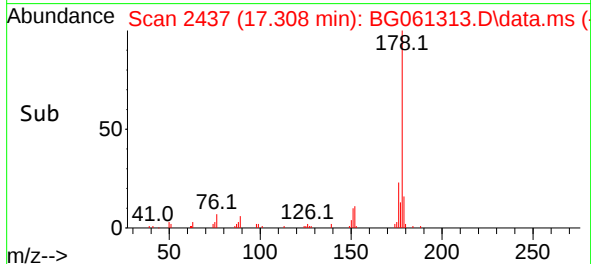
Instrument :
BNA_G
ClientSampleId :
BH640



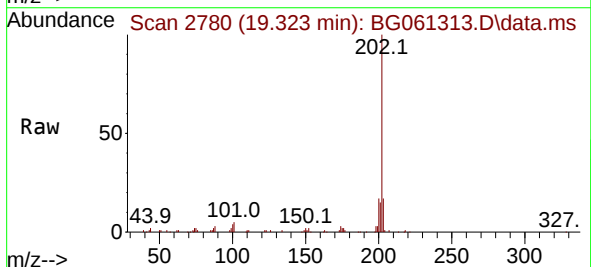
Tgt Ion:178 Resp: 2352
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 22.6 15.5 23.3

Manual Integrations
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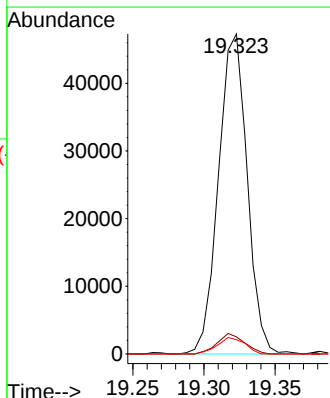
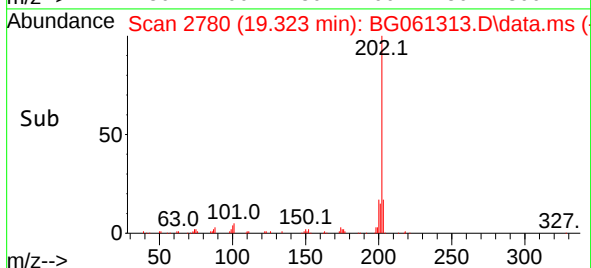
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

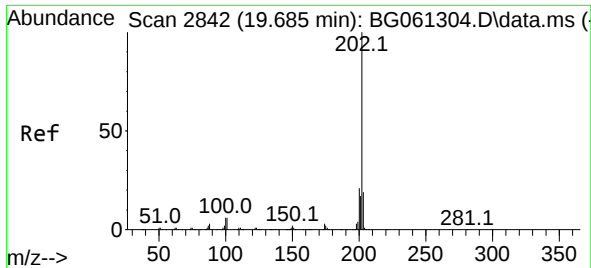


#80
Fluoranthene
Concen: 5.523 ng/ul
RT: 19.323 min Scan# 2780
Delta R.T. -0.005 min
Lab File: BG061313.D
Acq: 29 May 2024 00:09



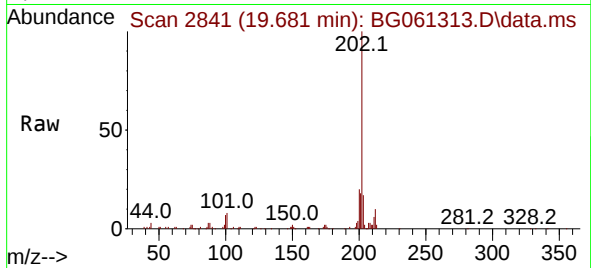
Tgt Ion:202 Resp: 66325
Ion Ratio Lower Upper
202 100
101 5.4 4.8 7.2
100 4.5 4.1 6.1





#82
 Pyrene
 Concen: 4.865 ng/ul
 RT: 19.681 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG061313.D
 Acq: 29 May 2024 00:09

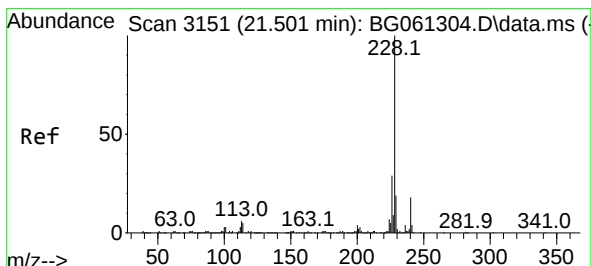
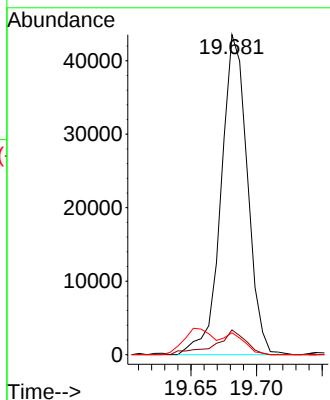
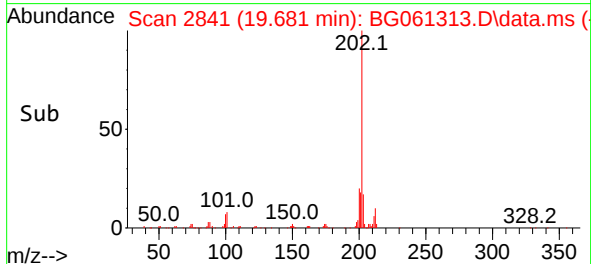
Instrument :
 BNA_G
 ClientSampleId :
 BH640



Tgt Ion:202 Resp: 60635
 Ion Ratio Lower Upper
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 101 7.7 5.7 8.5
 100 6.8 5.1 7.7

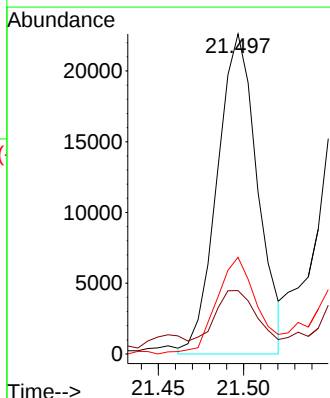
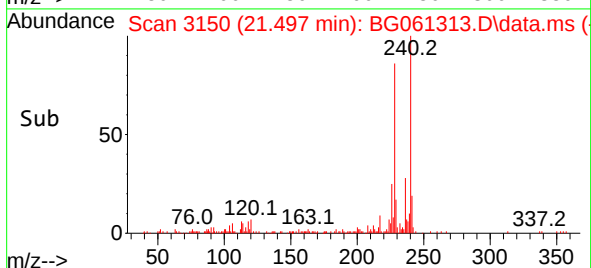
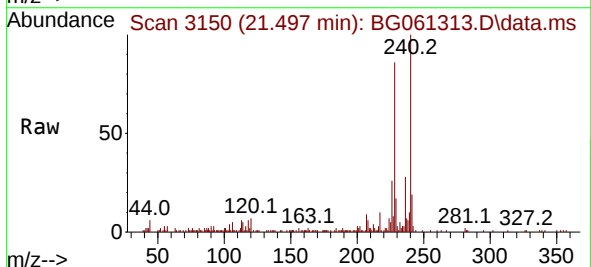
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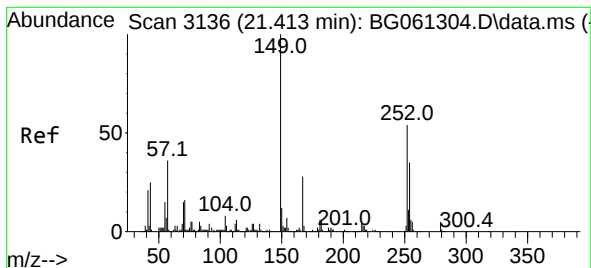
Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024



#85
 Benzo(a)anthracene
 Concen: 2.771 ng/ul
 RT: 21.497 min Scan# 3150
 Delta R.T. -0.005 min
 Lab File: BG061313.D
 Acq: 29 May 2024 00:09

Tgt Ion:228 Resp: 37277
 Ion Ratio Lower Upper
 228 100
 229 19.8 15.2 22.8
 226 30.2 21.4 32.2





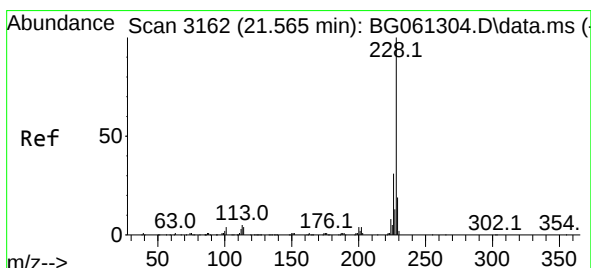
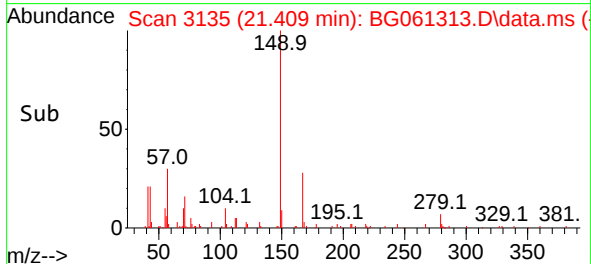
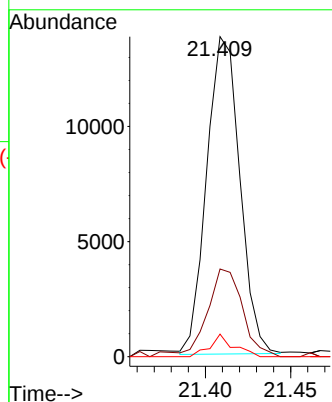
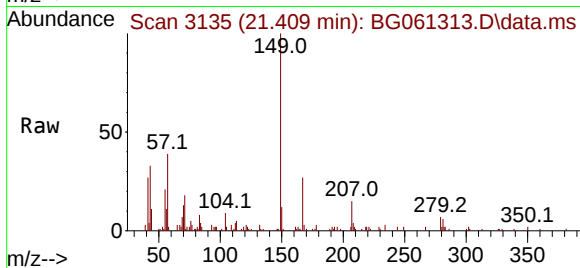
#86
Bis(2-ethylhexyl)phthalate
Concen: 2.943 ng/ul
RT: 21.409 min Scan# 3135
Delta R.T. -0.005 min
Lab File: BG061313.D
Acq: 29 May 2024 00:09

Instrument :
BNA_G
ClientSampleId :
BH640

Tgt Ion:149 Resp: 18650
Ion Ratio Lower Upper
149 100
167 27.4 21.1 31.7
279 7.0 3.3 4.9

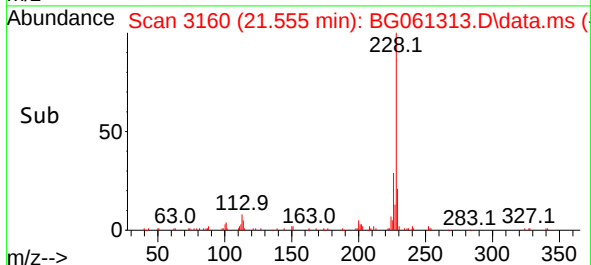
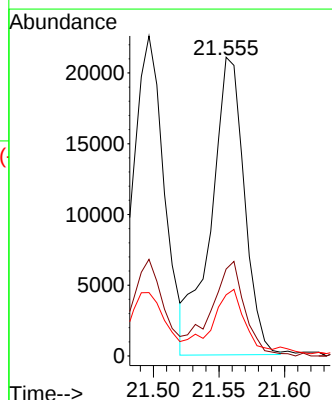
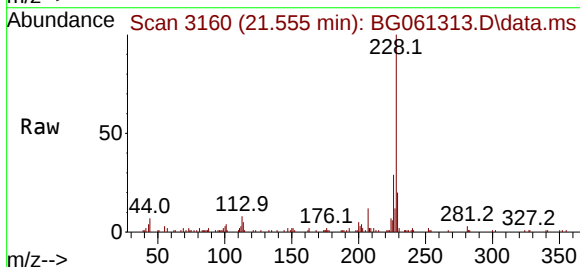
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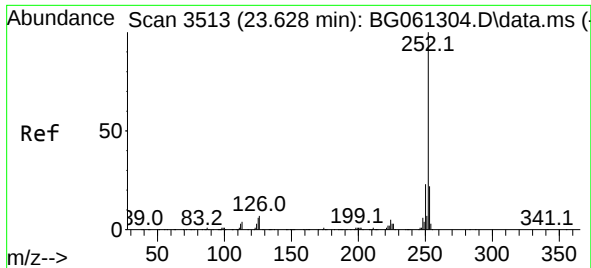
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#87
Chrysene
Concen: 2.997 ng/ul
RT: 21.555 min Scan# 3160
Delta R.T. -0.011 min
Lab File: BG061313.D
Acq: 29 May 2024 00:09

Tgt Ion:228 Resp: 37120
Ion Ratio Lower Upper
228 100
226 29.1 23.4 35.0
229 20.4 15.4 23.2





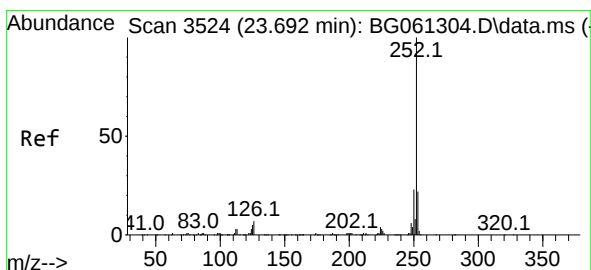
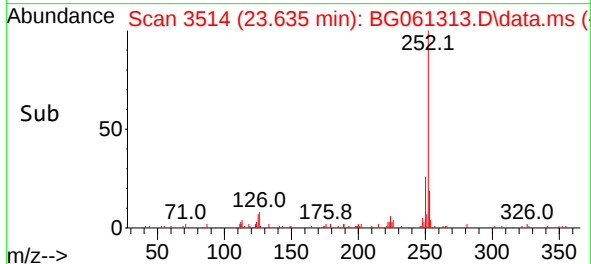
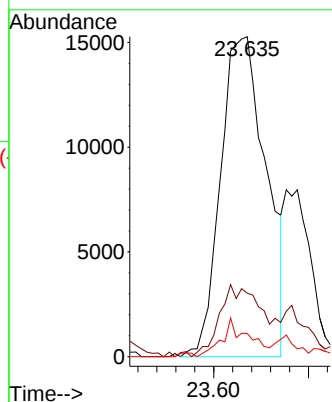
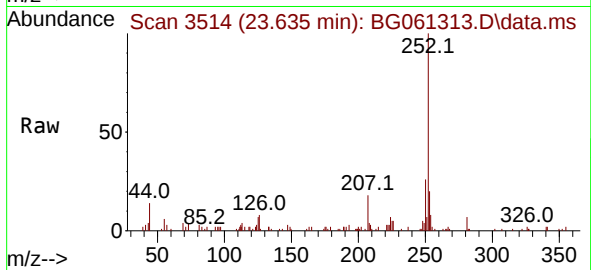
#90
Benzo(b)fluoranthene
Concen: 3.869 ng/ul m
RT: 23.635 min Scan# 3513
Delta R.T. 0.006 min
Lab File: BG061313.D
Acq: 29 May 2024 00:09

Instrument :
BNA_G
ClientSampleId :
BH640

Tgt Ion:252 Resp: 5079
Ion Ratio Lower Upper
252 100
253 19.8 17.8 26.8
125 7.2 4.6 6.8

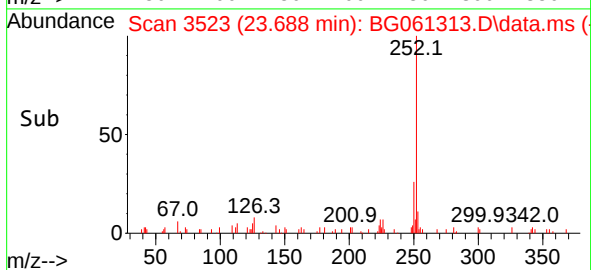
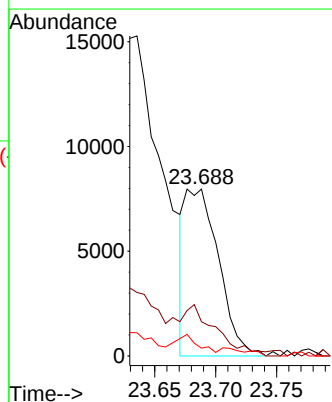
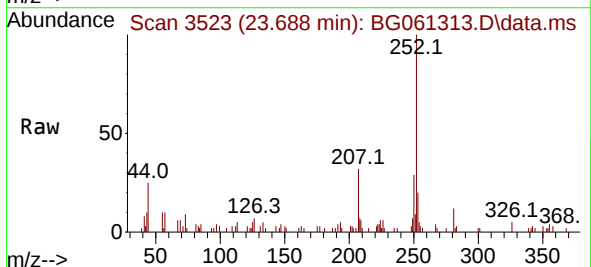
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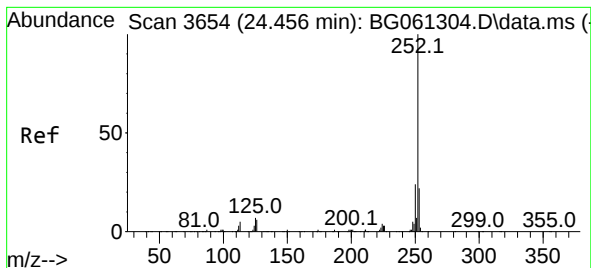
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#91
Benzo(k)fluoranthene
Concen: 1.146 ng/ul
RT: 23.688 min Scan# 3523
Delta R.T. -0.005 min
Lab File: BG061313.D
Acq: 29 May 2024 00:09

Tgt Ion:252 Resp: 15279
Ion Ratio Lower Upper
252 100
253 20.5 16.0 24.0
125 4.7 4.3 6.5





#93

Benzo(a)pyrene

Concen: 2.752 ng/ul

RT: 24.458 min Scan# 3

Delta R.T. -0.005 min

Lab File: BG061313.D

Acq: 29 May 2024 00:09

Instrument :

BNA_G

ClientSampleId :

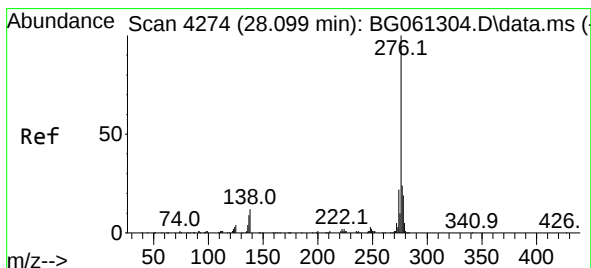
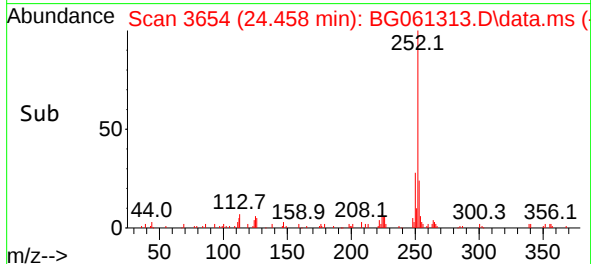
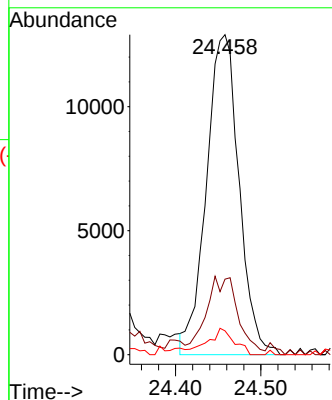
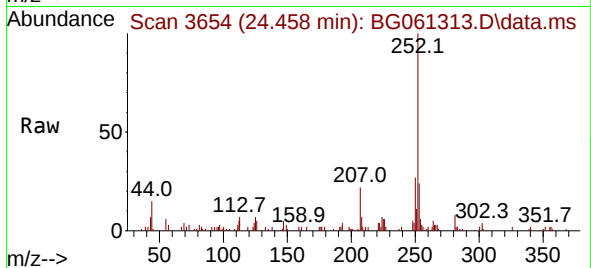
BH640

Tgt Ion:	252	Resp:	34304
Ion Ratio	Lower	Upper	
252	100		
253	23.6	16.4	24.6
125	7.4	4.3	6.5

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.721 ng/ul m

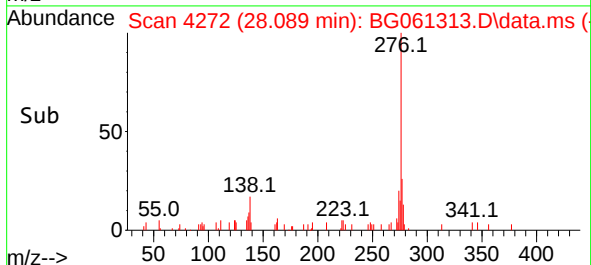
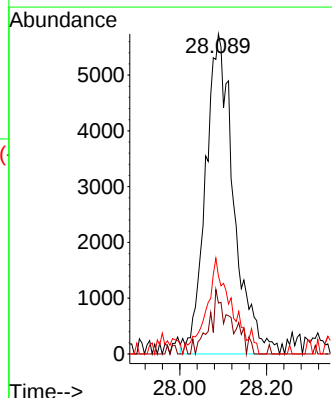
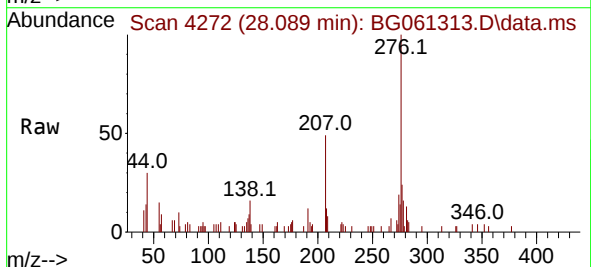
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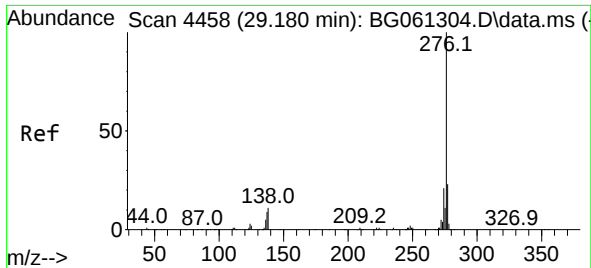
Delta R.T. -0.017 min

Lab File: BG061313.D

Acq: 29 May 2024 00:09

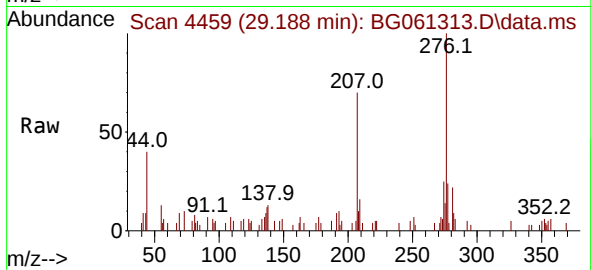
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Ion Ratio	Lower	Upper	
276	100		
138	15.9	8.6	13.0#
277	24.4	19.7	29.5





#96
 Benzo(g,h,i)perylene
 Concen: 1.909 ng/ul m
 RT: 29.188 min Scan# 44
 Delta R.T. -0.005 min
 Lab File: BG061313.D
 Acq: 29 May 2024 00:09

Instrument :
 BNA_G
 ClientSampleId :
 BH640



Tgt Ion:276 Resp: 22900
 Ion Ratio Lower Upper
 276 100
 138 13.3 8.7 13.1
 277 23.6 18.2 27.2

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