

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061300.D
 Acq On : 28 May 2024 15:15
 Operator : MA/JU
 Sample : P2568-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH638

Manual Integrations
 APPROVED

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

Quant Time: May 28 16:04:09 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	21951	20.000	ng/u1	0.00
20) Naphthalene-d8	10.679	136	95526	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	78253	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.266	188	192134	20.000	ng/u1	0.00
79) Chrysene-d12	21.514	240	190924	20.000	ng/u1	0.00
88) Perylene-d12	24.598	264	219400	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	1920	4.895	ng/uL	0.00
4) Pyridine-d5	3.746	84	23699	16.983	ng/u1	0.00
7) Phenol-d5	7.060	99	42306	23.469	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	27277	24.074	ng/u1	0.00
11) 2-Chlorophenol-d4	7.418	132	33068	24.787	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	30859	20.076	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	18127	24.646	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	21442	24.910	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	41878	24.956	ng/u1	0.00
31) 4-Chloroaniline-d4	10.814	131	46186	21.038	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	154652	25.482	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	167783	26.591	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	16730	22.297	ng/u1	0.00
60) Fluorene-d10	15.509	176	138866	26.502	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	24348	20.952	ng/u1	-0.01
73) Anthracene-d10	17.366	188	223347	26.367	ng/u1	0.00
81) Pyrene-d10	19.657	212	270736	27.617	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.393	264	286843	27.194	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.307	178	34811	3.733	ng/u1	97
80) Fluoranthene	19.322	202	109628	9.322	ng/u1#	96
82) Pyrene	19.680	202	103346	8.466	ng/u1	98
83) Butylbenzylphthalate	20.574	149	7026	1.675	ng/u1	92
85) Benzo(a)anthracene	21.496	228	64457	4.893	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.414	149	27989	4.509	ng/u1	98
87) Chrysene	21.561	228	70266	5.793	ng/u1	99
90) Benzo(b)fluoranthene	23.623	252	94289	7.218	ng/u1	99
91) Benzo(k)fluoranthene	23.682	252	28315m	2.135	ng/u1	
93) Benzo(a)pyrene	24.451	252	62438	5.034	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	28.082	276	46200	3.080	ng/u1	97
95) Dibenzo(a,h)anthracene	28.141	278	13031m	1.054	ng/u1	
96) Benzo(g,h,i)perylene	29.175	276	45787m	3.837	ng/u1	

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

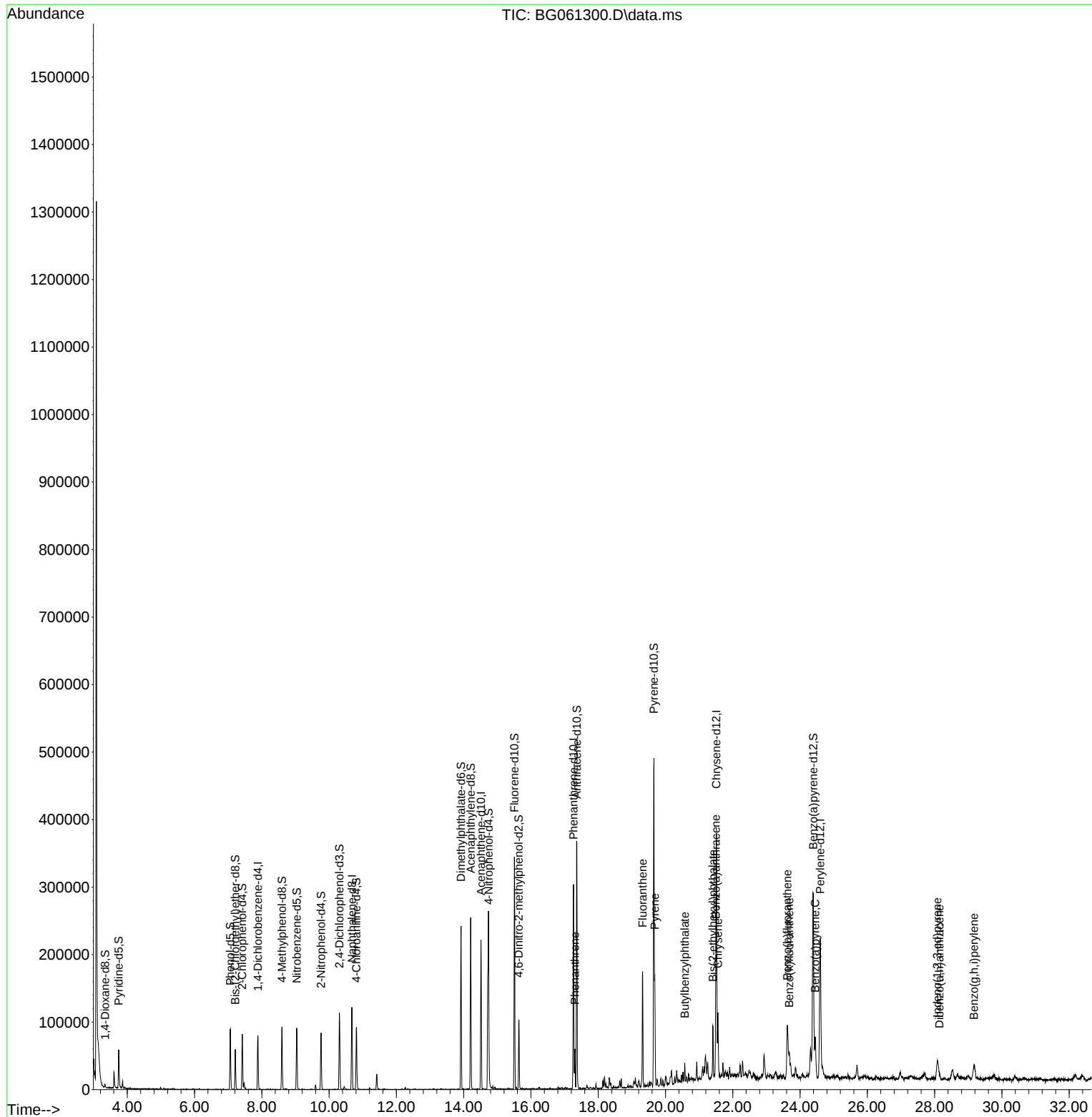
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061300.D
Acq On : 28 May 2024 15:15
Operator : MA/JU
Sample : P2568-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

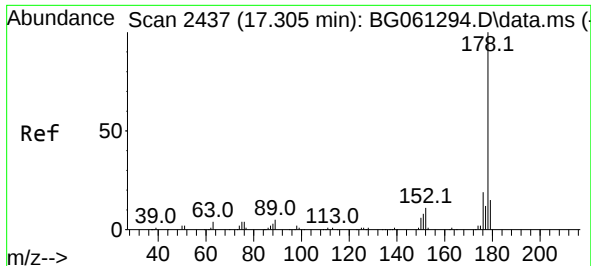
Instrument :
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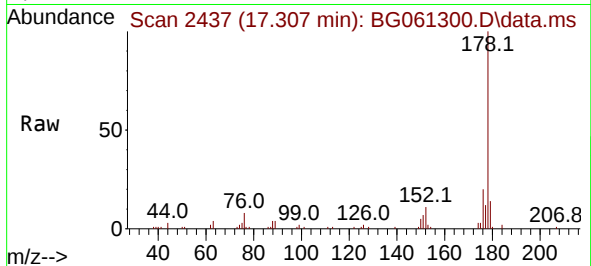
Quant Time: May 28 16:04:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.733 ng/ul
RT: 17.307 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BG061300.D
Acq: 28 May 2024 15:15

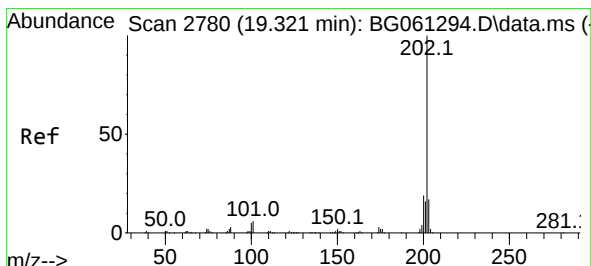
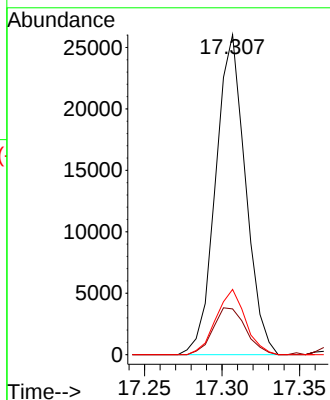
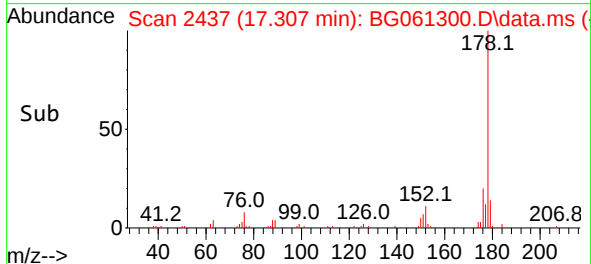
Instrument :
BNA_G
ClientSampleId :
BH638



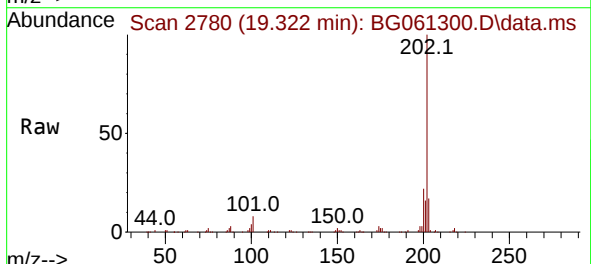
Tgt Ion:178 Resp: 3481
Ion Ratio Lower Upper
178 100
179 14.3 12.7 19.1
176 20.4 15.5 23.3

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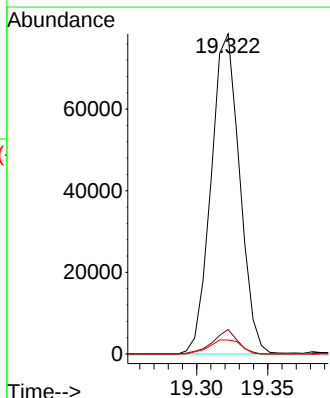
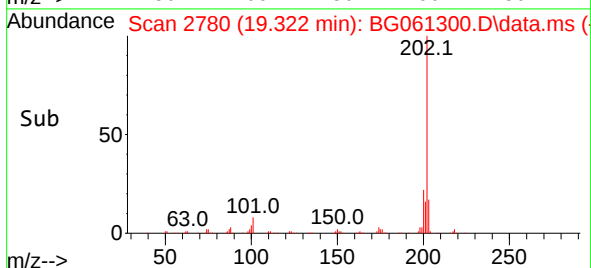
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

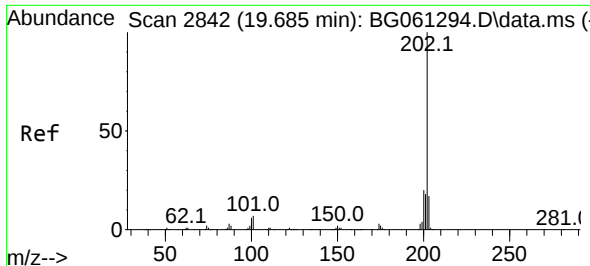


#80
Fluoranthene
Concen: 9.322 ng/ul
RT: 19.322 min Scan# 2780
Delta R.T. -0.006 min
Lab File: BG061300.D
Acq: 28 May 2024 15:15



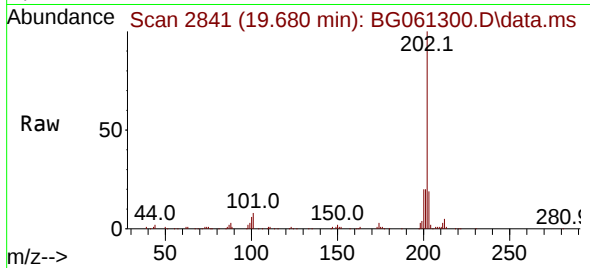
Tgt Ion:202 Resp: 109628
Ion Ratio Lower Upper
202 100
101 7.6 4.8 7.2#
100 4.4 4.1 6.1





#82
Pyrene
Concen: 8.466 ng/ul
RT: 19.680 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BG061300.D
Acq: 28 May 2024 15:15

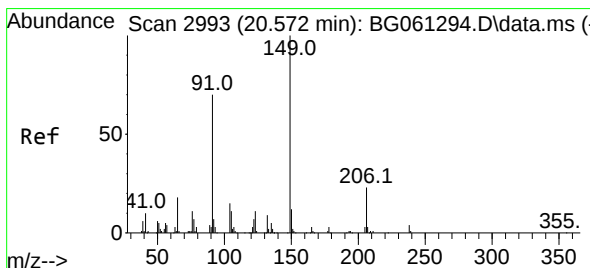
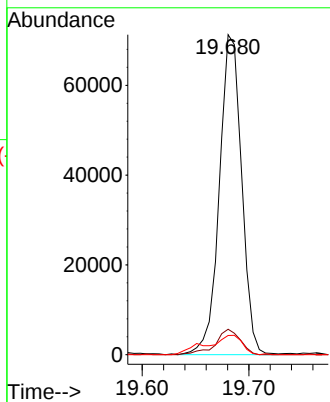
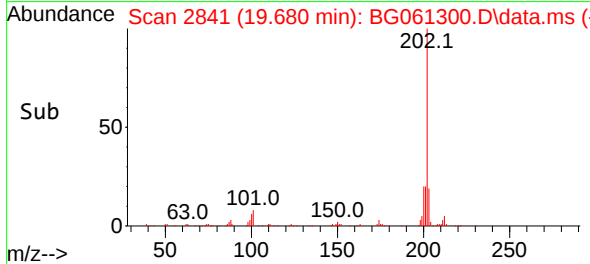
Instrument :
BNA_G
ClientSampleId :
BH638



Tgt Ion:202 Resp: 103340
Ion Ratio Lower Upper
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101 8.0 5.7 8.5
100 6.0 5.1 7.7

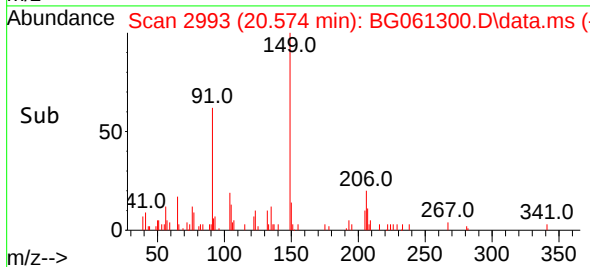
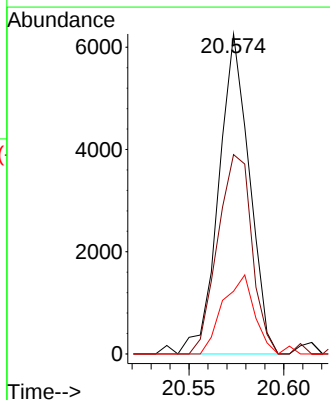
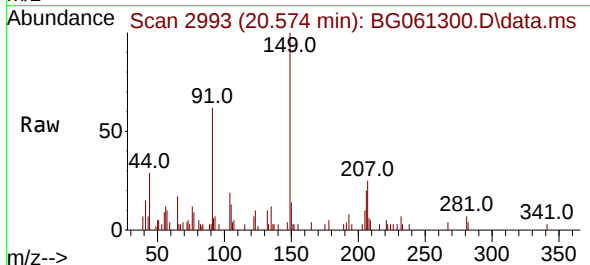
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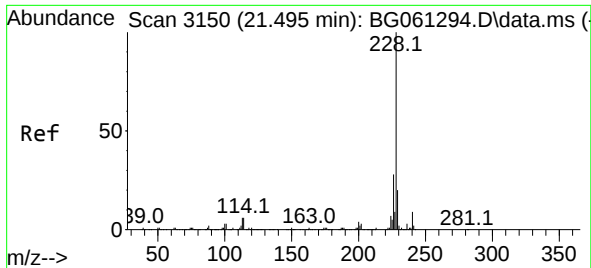
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#83
Butylbenzylphthalate
Concen: 1.675 ng/ul
RT: 20.574 min Scan# 2993
Delta R.T. -0.006 min
Lab File: BG061300.D
Acq: 28 May 2024 15:15

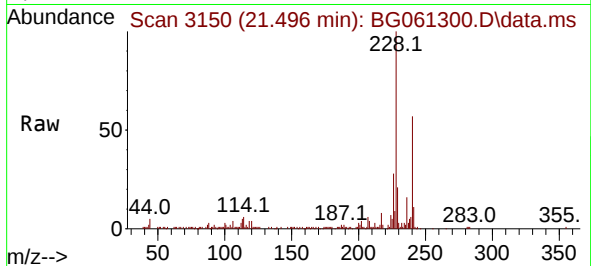
Tgt Ion:149 Resp: 7026
Ion Ratio Lower Upper
149 100
91 62.3 54.8 82.2
206 19.6 19.4 29.0





#85
Benzo(a)anthracene
Concen: 4.893 ng/ul
RT: 21.496 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BG061300.D
Acq: 28 May 2024 15:15

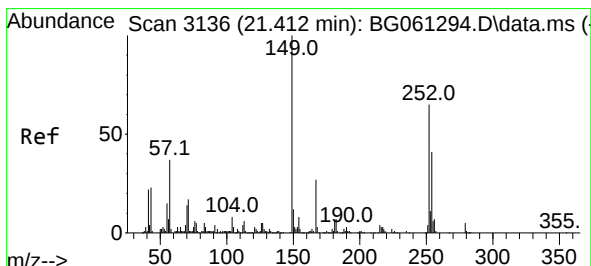
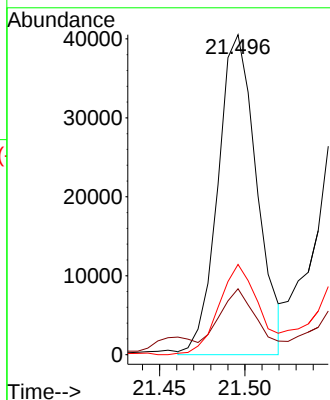
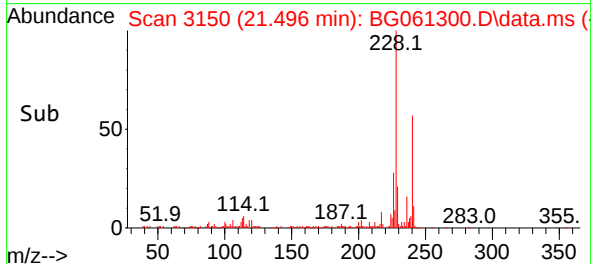
Instrument :
BNA_G
ClientSampleId :
BH638



Tgt Ion:228 Resp: 6445
Ion Ratio Lower Upper
228 100
229 20.6 15.2 22.8
226 28.2 21.4 32.2

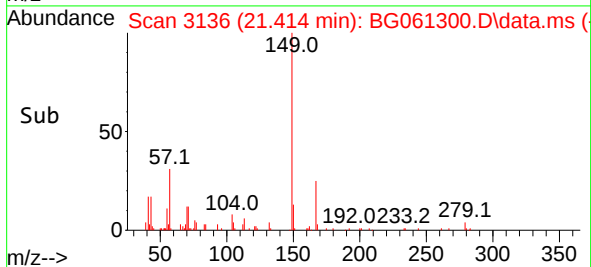
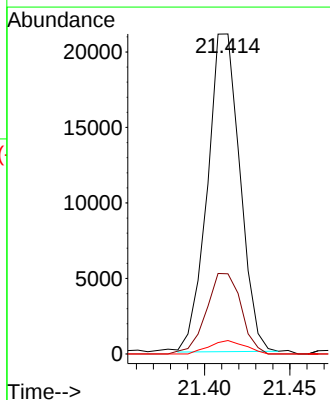
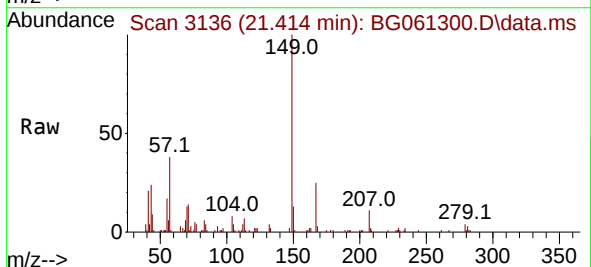
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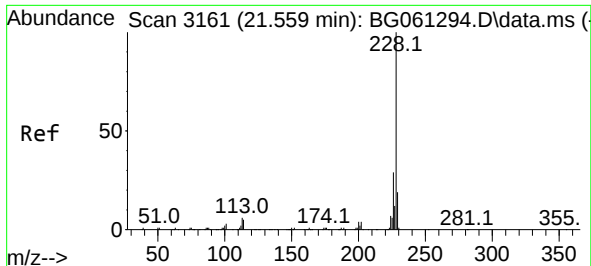
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.509 ng/ul
RT: 21.414 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BG061300.D
Acq: 28 May 2024 15:15

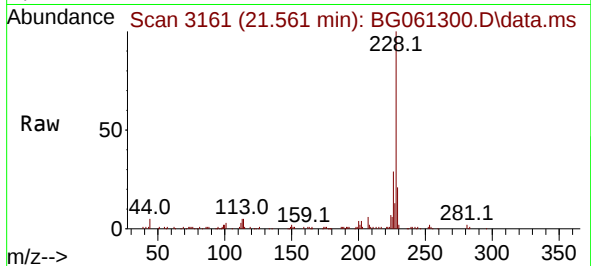
Tgt Ion:149 Resp: 27989
Ion Ratio Lower Upper
149 100
167 25.1 21.1 31.7
279 4.2 3.3 4.9





#87
Chrysene
Concen: 5.793 ng/ul
RT: 21.561 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BG061300.D
Acq: 28 May 2024 15:15

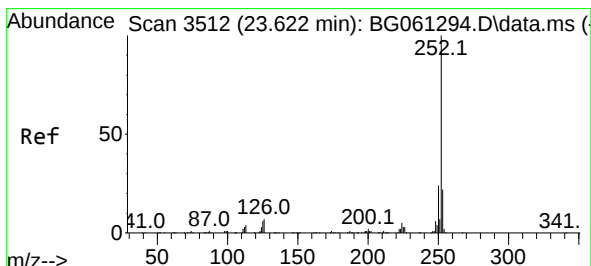
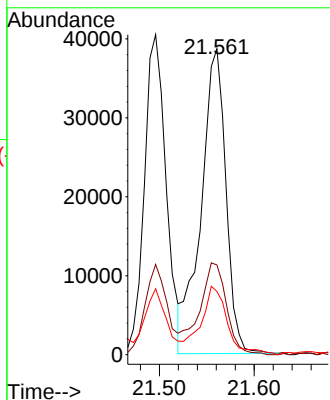
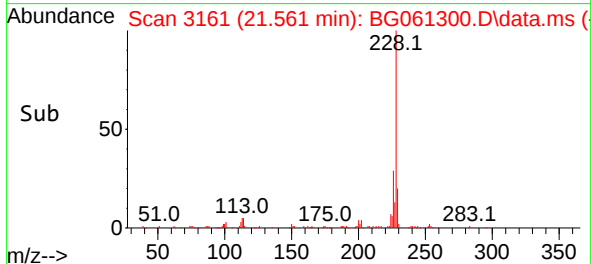
Instrument :
BNA_G
ClientSampleId :
BH638



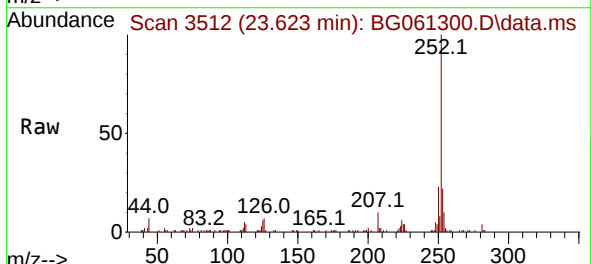
Tgt Ion:228 Resp: 70260
Ion Ratio Lower Upper
228 100
226 29.3 23.4 35.0
229 20.7 15.4 23.2

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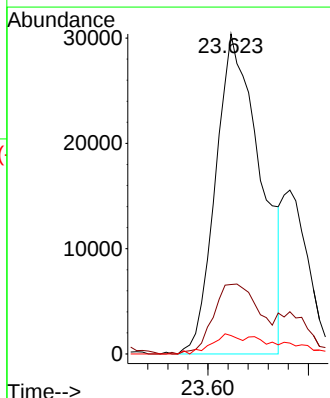
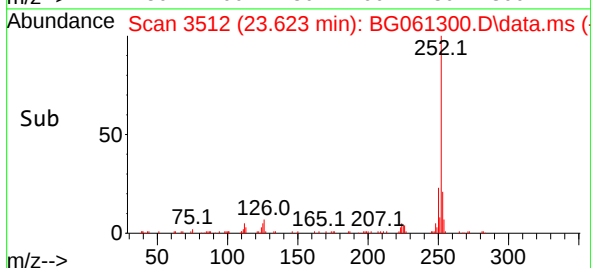
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

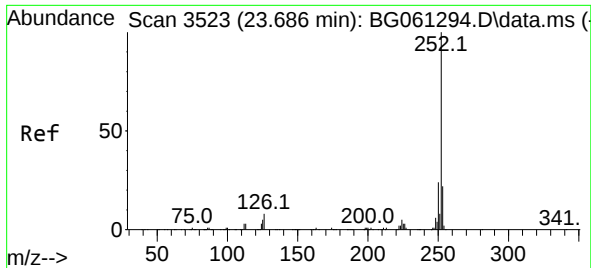


#90
Benzo(b)fluoranthene
Concen: 7.218 ng/ul
RT: 23.623 min Scan# 3512
Delta R.T. -0.006 min
Lab File: BG061300.D
Acq: 28 May 2024 15:15



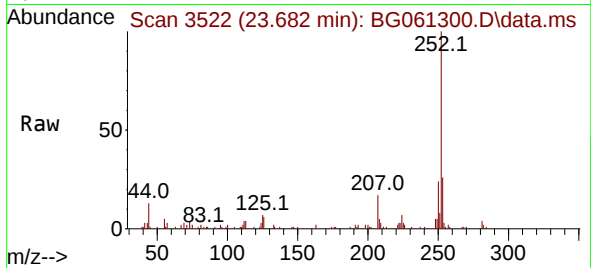
Tgt Ion:252 Resp: 94289
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 5.8 4.6 6.8





#91
Benzo(k)fluoranthene
Concen: 2.135 ng/ul m
RT: 23.682 min Scan# 3523
Delta R.T. -0.012 min
Lab File: BG061300.D
Acq: 28 May 2024 15:15

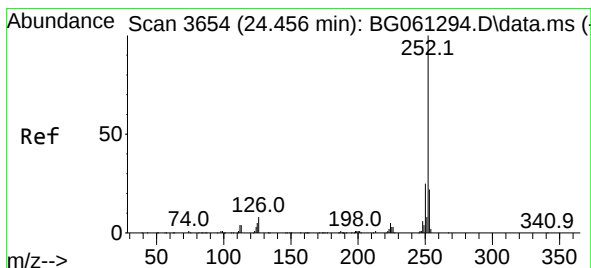
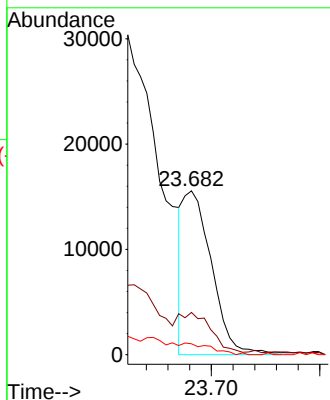
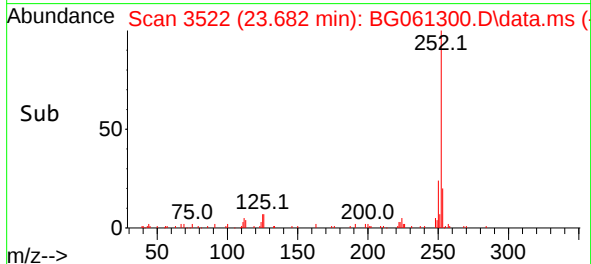
Instrument :
BNA_G
ClientSampleId :
BH638



Tgt Ion:252 Resp: 28315
Ion Ratio Lower Upper
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125 6.6 4.3 6.5

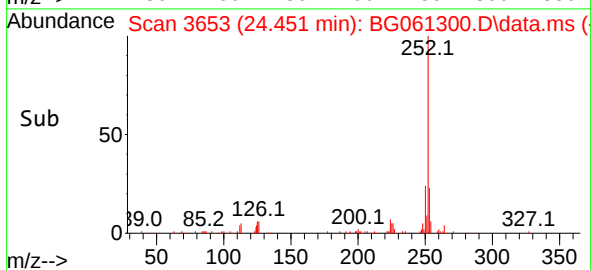
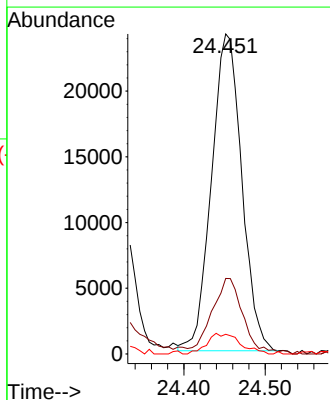
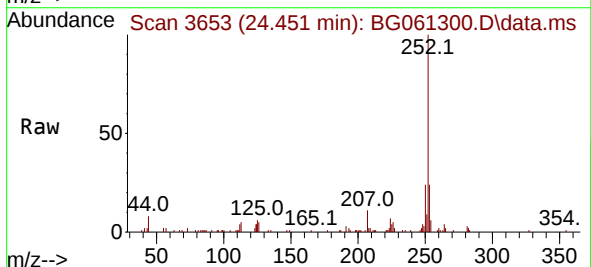
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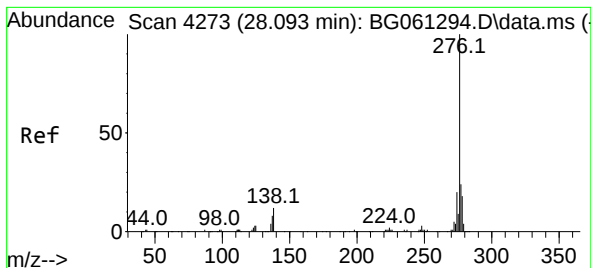
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#93
Benzo(a)pyrene
Concen: 5.034 ng/ul
RT: 24.451 min Scan# 3653
Delta R.T. -0.012 min
Lab File: BG061300.D
Acq: 28 May 2024 15:15

Tgt Ion:252 Resp: 62438
Ion Ratio Lower Upper
252 100
253 23.6 16.4 24.6
125 6.1 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.080 ng/ul

RT: 28.082 min Scan# 41

Delta R.T. -0.024 min

Lab File: BG061300.D

Acq: 28 May 2024 15:15

Instrument :

BNA_G

ClientSampleId :

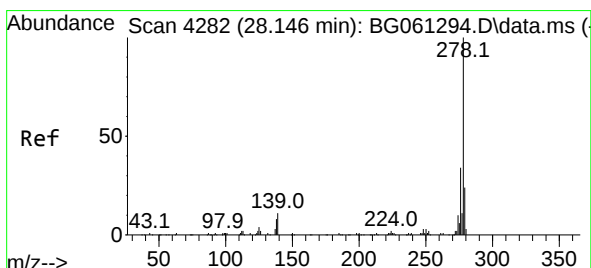
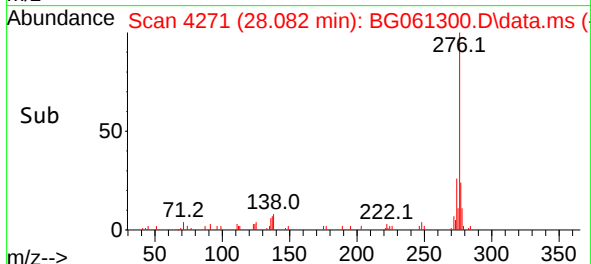
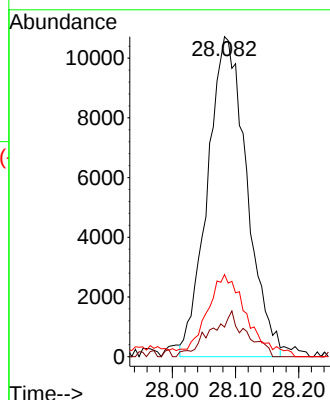
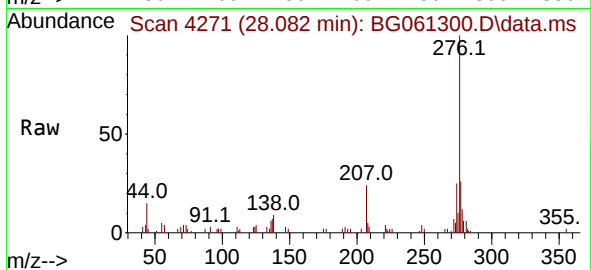
BH638

Tgt Ion:276 Resp: 46200
 Ion Ratio Lower Upper
 276 100
 138 9.3 8.6 13.0
 277 25.7 19.7 29.5

Manual Integrations

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



#95

Dibenzo(a,h)anthracene

Concen: 1.054 ng/ul m

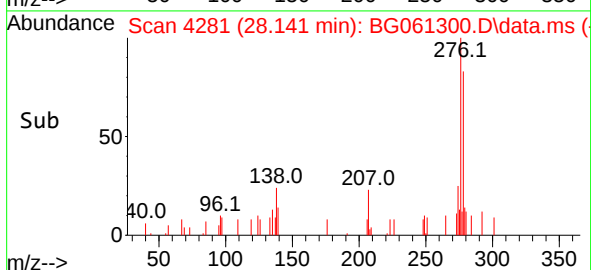
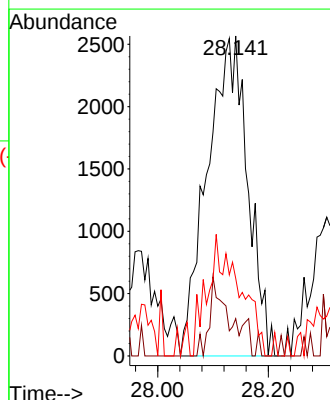
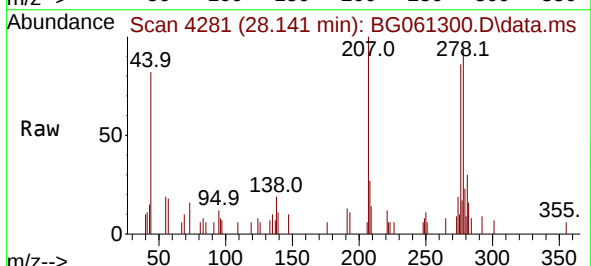
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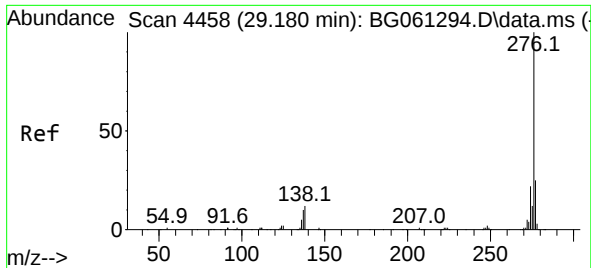
Delta R.T. -0.018 min

Lab File: BG061300.D

Acq: 28 May 2024 15:15

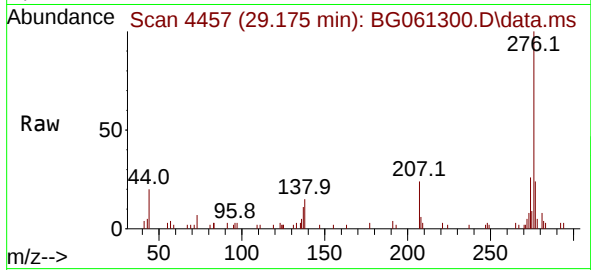
Tgt Ion:278 Resp: 13031
 Ion Ratio Lower Upper
 278 100
 139 11.6 6.4 9.6#
 279 24.2 19.9 29.9





#96
 Benzo(g,h,i)perylene
 Concen: 3.837 ng/ul m
 RT: 29.175 min Scan# 44
 Delta R.T. -0.018 min
 Lab File: BG061300.D
 Acq: 28 May 2024 15:15

Instrument :
 BNA_G
 ClientSampleId :
 BH638



Tgt Ion:276 Resp: 4578
 Ion Ratio Lower Upper
 276 100
 138 14.7 8.7 13.1
 277 23.6 18.2 27.2

Manual Integrations
 APPROVED

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

