

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061455.D
 Acq On : 4 Jun 2024 14:49
 Operator : MA/JU
 Sample : P2590-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBL9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 04 23:29:16 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	7.876	152	23980	20.000	ng/u1	0.00
20) Naphthalene-d8	10.672	136	103824	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.509	164	82596	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	195988	20.000	ng/u1	0.00
79) Chrysene-d12	21.518	240	211226	20.000	ng/u1	0.00
88) Perylene-d12	24.609	264	242682	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	1555	3.629	ng/uL	0.00
4) Pyridine-d5	3.739	84	15650	10.266	ng/u1	0.00
7) Phenol-d5	7.065	99	46889	23.811	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.200	67	29692	23.988	ng/u1	0.00
11) 2-Chlorophenol-d4	7.411	132	38646	26.517	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	40426	24.075	ng/u1	0.00
21) Nitrobenzene-d5	9.033	128	22313	27.913	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	25828	27.608	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	51124	28.031	ng/u1	0.00
31) 4-Chloroaniline-d4	10.807	131	40383	16.924	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	177656	27.733	ng/u1	0.00
49) Acenaphthylene-d8	14.203	160	192339	28.880	ng/u1	0.00
54) 4-Nitrophenol-d4	14.762	143	14507	18.317	ng/u1	0.02
60) Fluorene-d10	15.508	176	156735	28.339	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	25215	21.272	ng/u1	0.01
73) Anthracene-d10	17.359	188	243008	28.124	ng/u1	0.00
81) Pyrene-d10	19.656	212	314878	29.033	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.397	264	345735	29.633	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.306	178	70410	7.402	ng/u1	99
80) Fluoranthene	19.321	202	191589	14.726	ng/u1	99
82) Pyrene	19.685	202	176612	13.077	ng/u1	99
85) Benzo(a)anthracene	21.501	228	102862	7.058	ng/u1	97
87) Chrysene	21.560	228	112139	8.356	ng/u1	96
90) Benzo(b)fluoranthene	23.634	252	151632	10.494	ng/u1	97
91) Benzo(k)fluoranthene	23.686	252	52850m	3.603	ng/u1	
93) Benzo(a)pyrene	24.468	252	107557	7.839	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	28.111	276	76883	4.634	ng/u1	97
95) Dibenzo(a,h)anthracene	28.152	278	20961m	1.532	ng/u1	
96) Benzo(g,h,i)perylene	29.204	276	75237m	5.700	ng/u1	

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

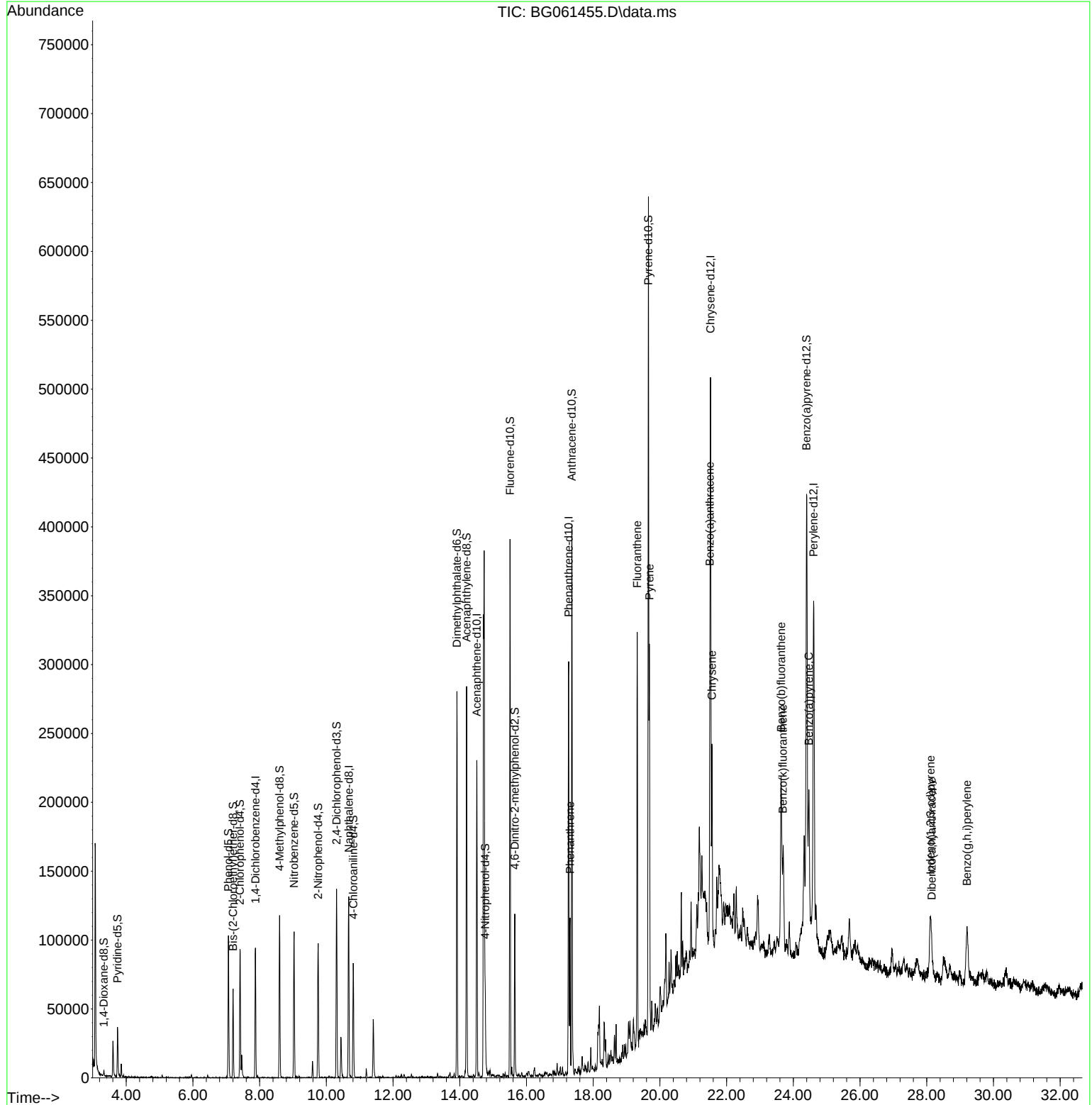
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061455.D
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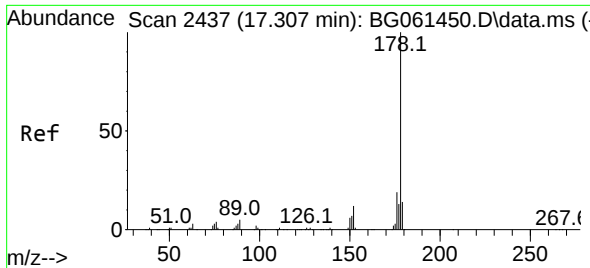
Instrument :
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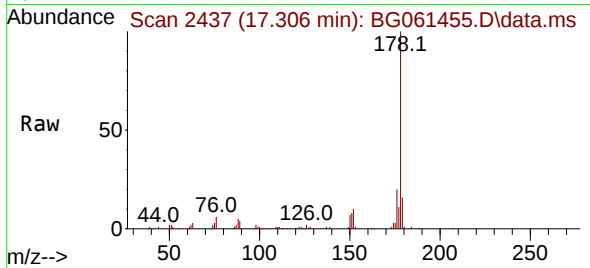
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#72
Phenanthrene
Concen: 7.402 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. 0.006 min
Lab File: BG061455.D
Acq: 4 Jun 2024 14:49

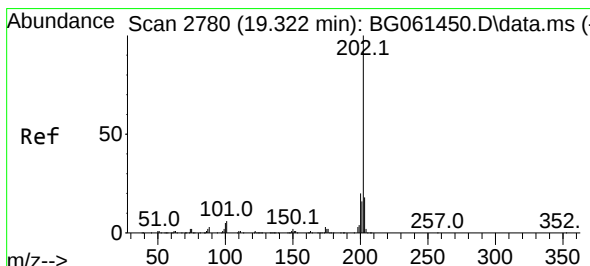
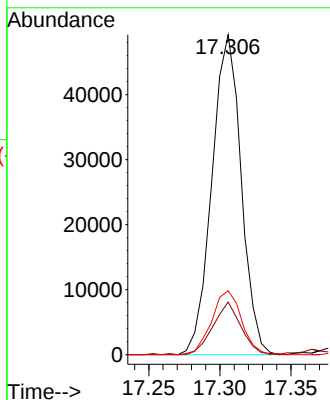
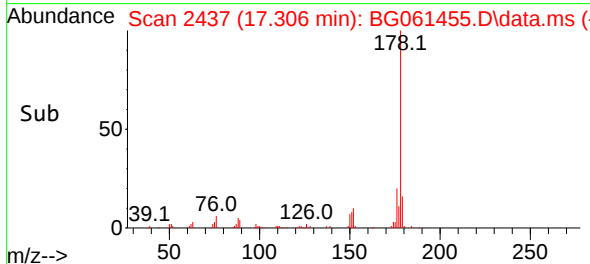
Instrument :
BNA_G
ClientSampleId :
BHBL9



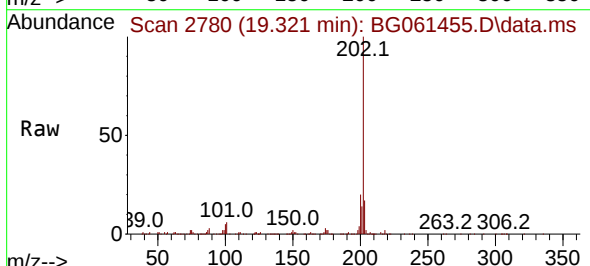
Tgt Ion:178 Resp: 70410
Ion Ratio Lower Upper
178 100
179 16.4 12.7 19.1
176 20.0 15.5 23.3

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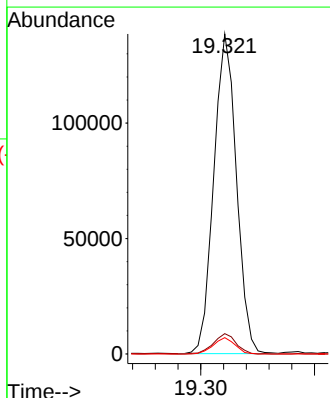
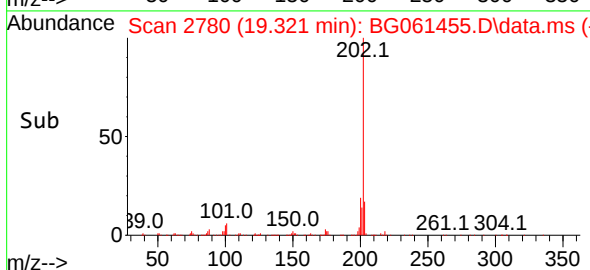
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

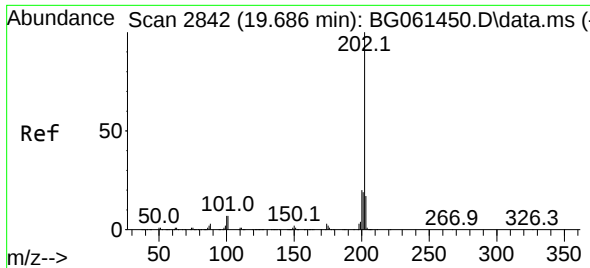


#80
Fluoranthene
Concen: 14.726 ng/ul
RT: 19.321 min Scan# 2780
Delta R.T. 0.006 min
Lab File: BG061455.D
Acq: 4 Jun 2024 14:49



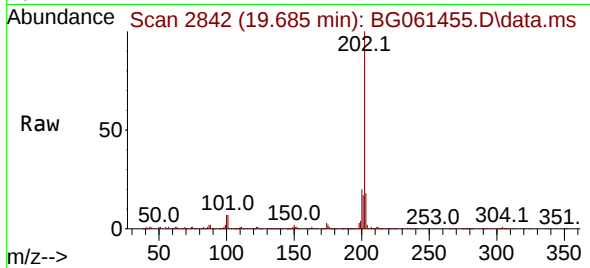
Tgt Ion:202 Resp: 191589
Ion Ratio Lower Upper
202 100
101 6.4 4.8 7.2
100 5.1 4.1 6.1





#82
Pyrene
Concen: 13.077 ng/ul
RT: 19.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG061455.D
Acq: 4 Jun 2024 14:49

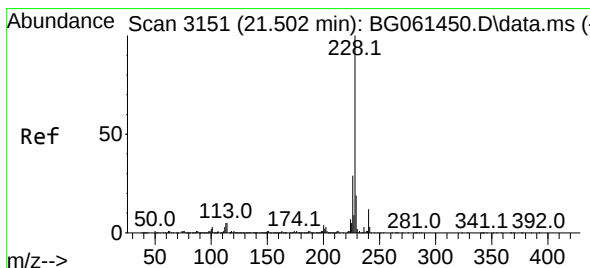
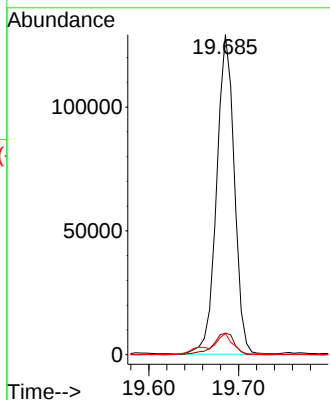
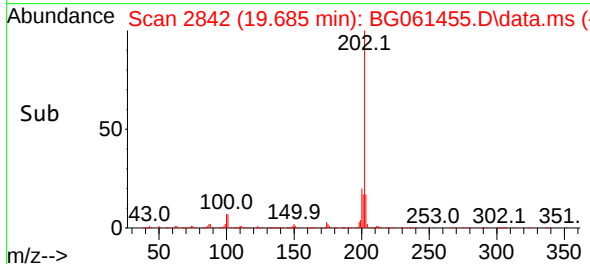
Instrument :
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ClientSampleId :
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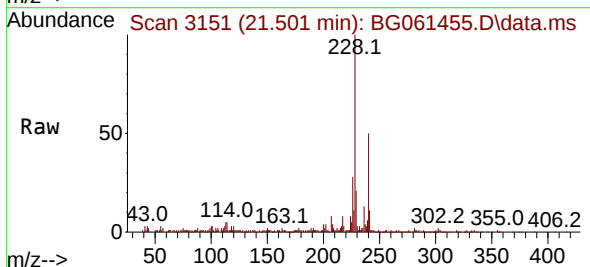
Tgt Ion:202 Resp: 176612
Ion Ratio Lower Upper
202 100
101 6.8 5.7 8.5
100 6.6 5.1 7.7

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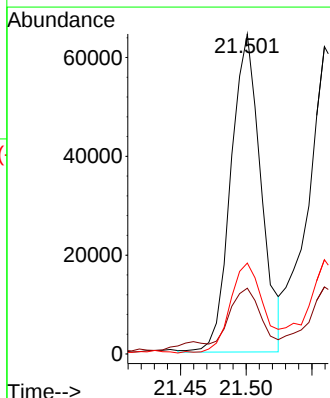
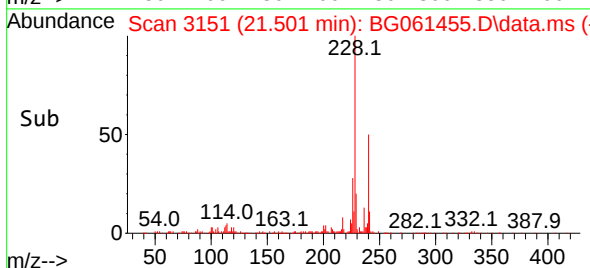
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

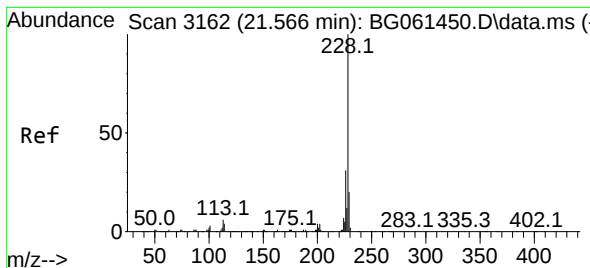


#85
Benzo(a)anthracene
Concen: 7.058 ng/ul
RT: 21.501 min Scan# 3151
Delta R.T. 0.006 min
Lab File: BG061455.D
Acq: 4 Jun 2024 14:49



Tgt Ion:228 Resp: 102862
Ion Ratio Lower Upper
228 100
229 20.6 15.2 22.8
226 28.4 21.4 32.2





#87

Chrysene

Concen: 8.356 ng/ul

RT: 21.560 min Scan# 3161

Delta R.T. 0.006 min

Lab File: BG061455.D

Acq: 4 Jun 2024 14:49

Instrument :

BNA_G

ClientSampleId :

BHBL9

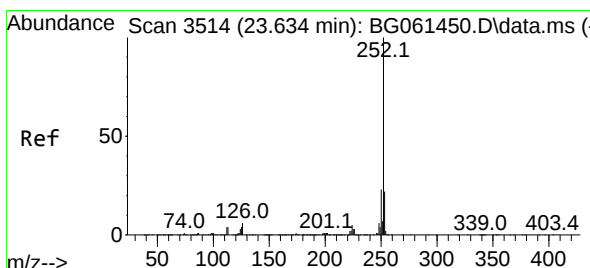
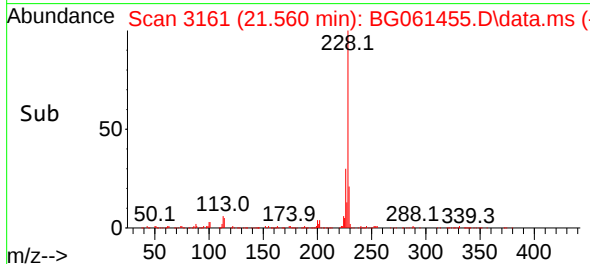
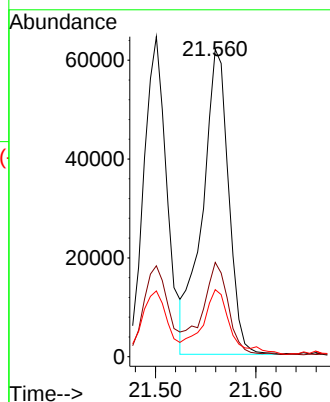
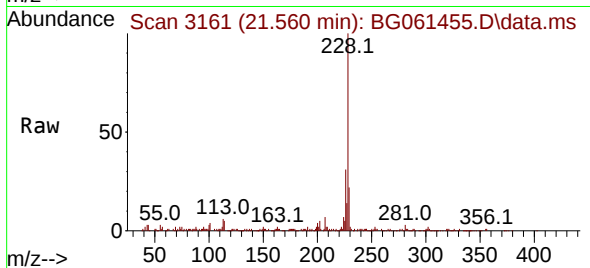
Tgt Ion:228 Resp: 112139

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	21.8	15.4	23.2

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#90

Benzo(b)fluoranthene

Concen: 10.494 ng/ul

RT: 23.634 min Scan# 3514

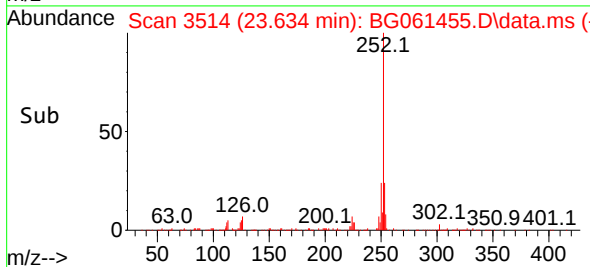
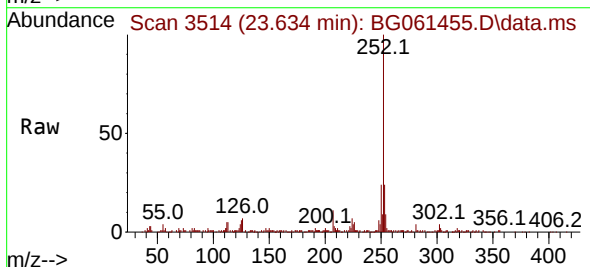
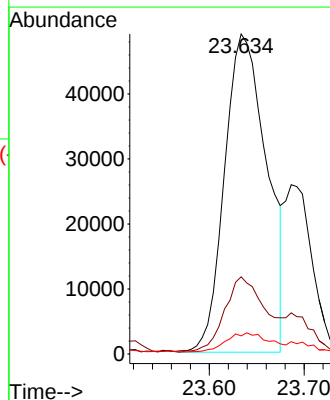
Delta R.T. 0.018 min

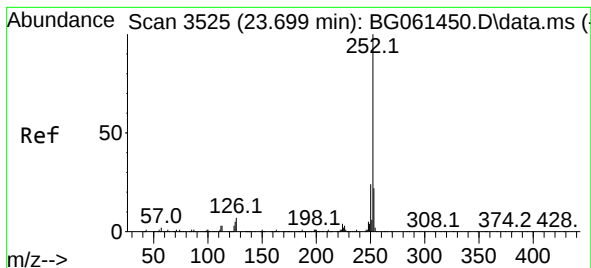
Lab File: BG061455.D

Acq: 4 Jun 2024 14:49

Tgt Ion:252 Resp: 151632

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	5.6	4.6	6.8





#91

Benzo(k)fluoranthene

Concen: 3.603 ng/ul m

RT: 23.686 min Scan# 3

Delta R.T. 0.006 min

Lab File: BG061455.D

Acq: 4 Jun 2024 14:49

Instrument :

BNA_G

ClientSampleId :

BHBL9

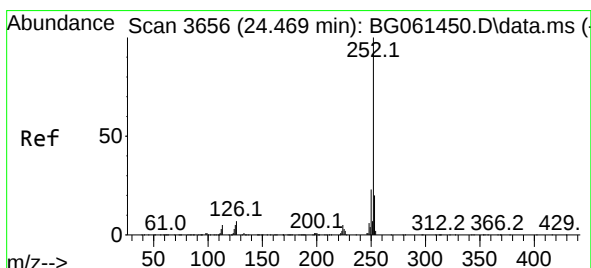
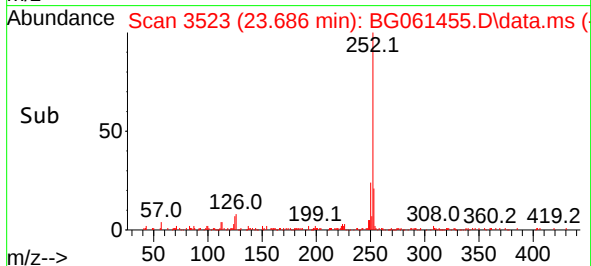
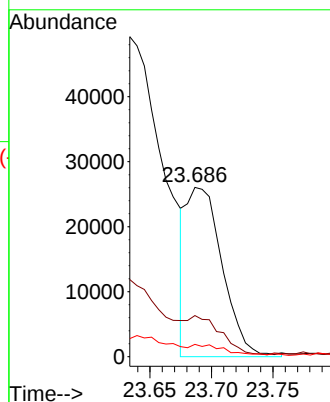
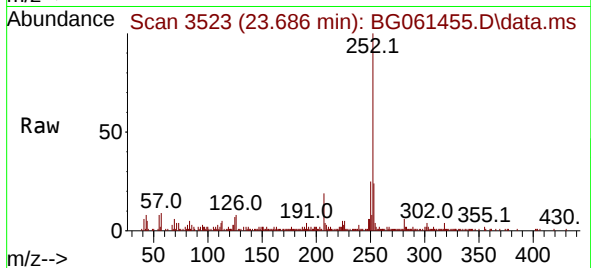
Tgt Ion:252 Resp: 52850

Ion	Ratio	Lower	Upper
252	100		
253	24.3	16.0	24.0
125	7.3	4.3	6.5

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#93

Benzo(a)pyrene

Concen: 7.839 ng/ul

RT: 24.468 min Scan# 3656

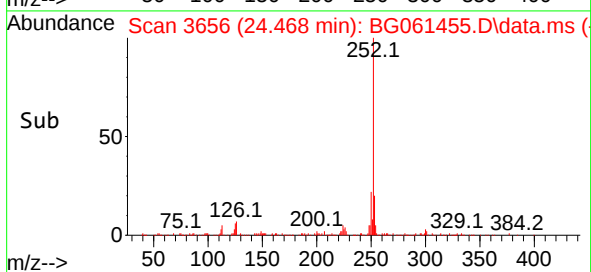
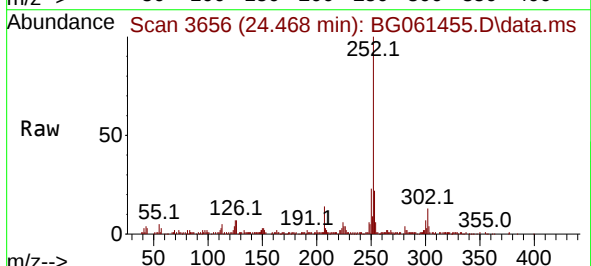
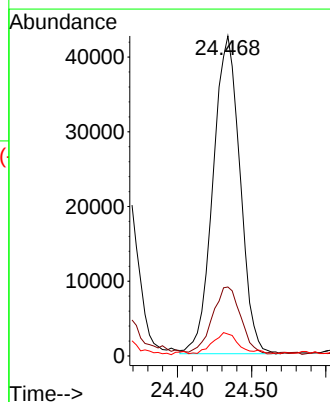
Delta R.T. 0.018 min

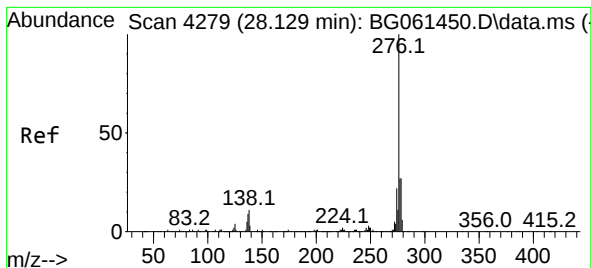
Lab File: BG061455.D

Acq: 4 Jun 2024 14:49

Tgt Ion:252 Resp: 107557

Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.4	24.6
125	6.8	4.3	6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.634 ng/ul

RT: 28.111 min Scan# 41

Delta R.T. 0.018 min

Lab File: BG061455.D

Acq: 4 Jun 2024 14:49

Instrument :

BNA_G

ClientSampleId :

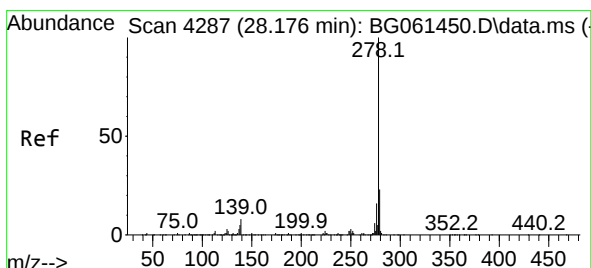
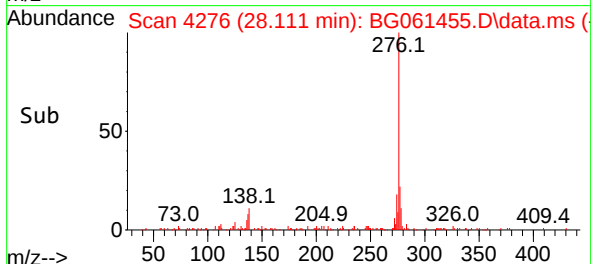
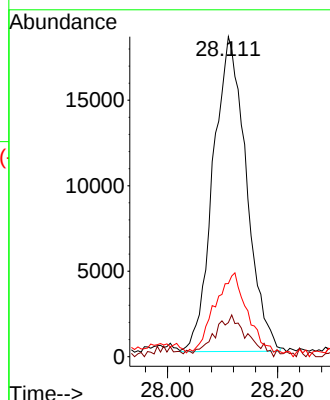
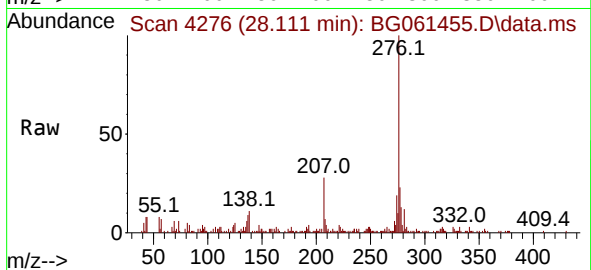
BHBL9

Tgt Ion:	276	Resp:	7688
Ion Ratio	Lower	Upper	
276	100		
138	10.7	8.6	13.0
277	22.8	19.7	29.5

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#95

Dibenzo(a,h)anthracene

Concen: 1.532 ng/ul m

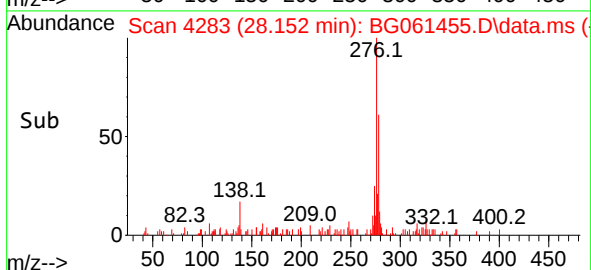
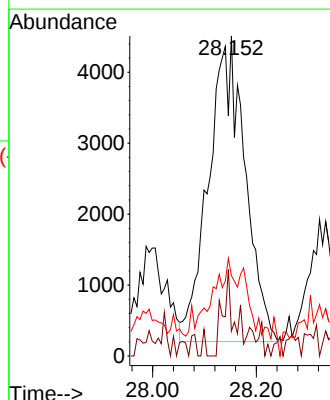
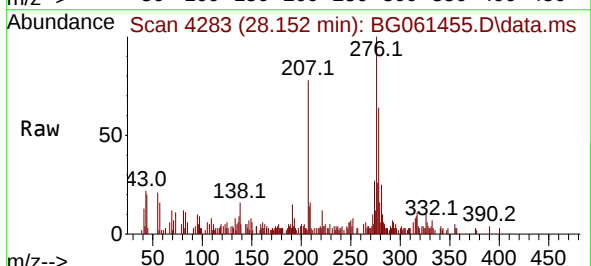
RT: 28.152 min Scan# 4283

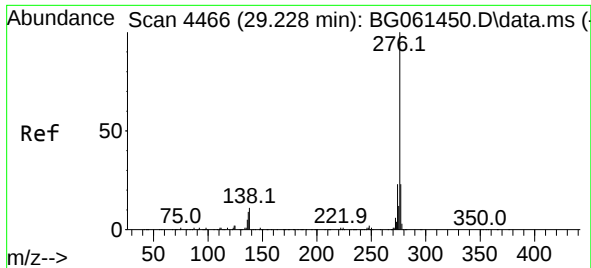
Delta R.T. 0.012 min

Lab File: BG061455.D

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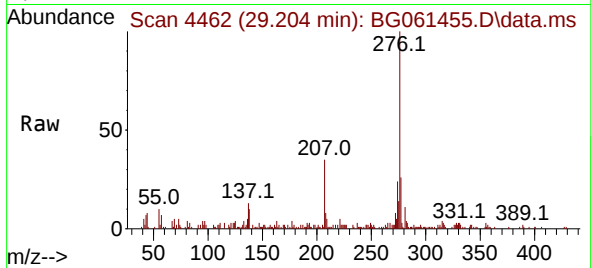
Tgt Ion:	278	Resp:	20961
Ion Ratio	Lower	Upper	
278	100		
139	7.8	6.4	9.6
279	25.2	19.9	29.9





#96
Benzo(g,h,i)perylene
Concen: 5.700 ng/ul m
RT: 29.204 min Scan# 44
Delta R.T. 0.030 min
Lab File: BG061455.D
Acq: 4 Jun 2024 14:49

Instrument :
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Tgt Ion:276 Resp: 7523
Ion Ratio Lower Upper
276 100
138 9.7 8.7 13.1
277 25.7 18.2 27.2

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