

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061350.D
 Acq On : 30 May 2024 6:21
 Operator : MA/JU
 Sample : P2571-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH660

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 30 07:05:13 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	7.881	152	28522	20.000	ng/u1	0.00
20) Naphthalene-d8	10.678	136	119947	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.515	164	90853	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	197346	20.000	ng/u1	0.00
79) Chrysene-d12	21.518	240	210753	20.000	ng/u1	0.00
88) Perylene-d12	24.603	264	232958	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	1856	3.642	ng/uL	0.00
4) Pyridine-d5	3.751	84	18473	10.188	ng/u1	0.00
7) Phenol-d5	7.065	99	50440	21.535	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	31376	21.312	ng/u1	0.00
11) 2-Chlorophenol-d4	7.417	132	40114	23.141	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	41736	20.897	ng/u1	0.00
21) Nitrobenzene-d5	9.039	128	21201	22.957	ng/u1	0.00
24) 2-Nitrophenol-d4	9.762	143	24557	22.721	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	49863	23.664	ng/u1	0.00
31) 4-Chloroaniline-d4	10.813	131	50484	18.314	ng/u1	0.00
46) Dimethylphthalate-d6	13.921	166	160563	22.787	ng/u1	0.00
49) Acenaphthylene-d8	14.209	160	176552	24.100	ng/u1	0.00
54) 4-Nitrophenol-d4	14.744	143	15854m	18.199	ng/u1	0.00
60) Fluorene-d10	15.508	176	141101	23.194	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	15065	12.622	ng/u1	0.00
73) Anthracene-d10	17.364	188	213740	24.567	ng/u1	0.00
81) Pyrene-d10	19.656	212	269075	24.866	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.391	264	299763	26.765	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.306	178	30669	3.202	ng/u1	97
80) Fluoranthene	19.321	202	83130	6.404	ng/u1	98
82) Pyrene	19.685	202	75749	5.622	ng/u1	99
85) Benzo(a)anthracene	21.495	228	43481	2.990	ng/u1	98
87) Chrysene	21.560	228	50221	3.751	ng/u1	97
90) Benzo(b)fluoranthene	23.628	252	61307	4.420	ng/u1#	94
91) Benzo(k)fluoranthene	23.686	252	26062m	1.851	ng/u1	
93) Benzo(a)pyrene	24.456	252	41914	3.182	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.093	276	29564m	1.856	ng/u1	
96) Benzo(g,h,i)perylene	29.180	276	27343m	2.158	ng/u1	

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

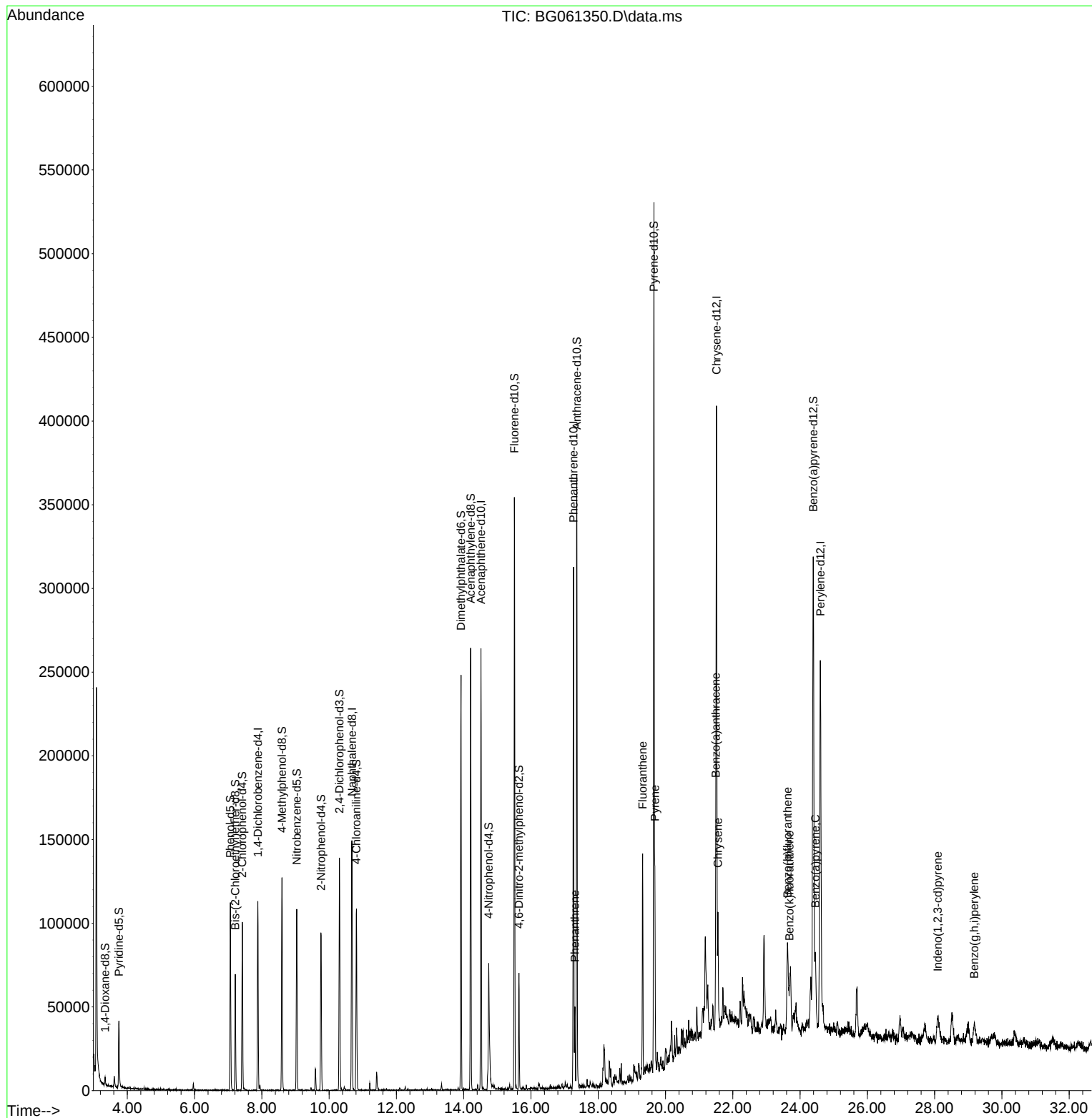
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
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 Operator : MA/JU
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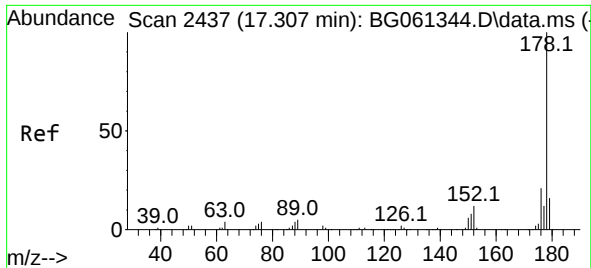
Instrument :
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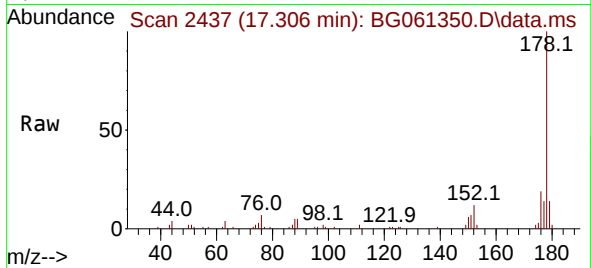
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#72
Phenanthrene
Concen: 3.202 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. -0.007 min
Lab File: BG061350.D
Acq: 30 May 2024 6:21

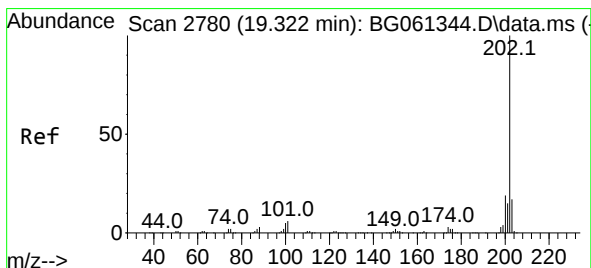
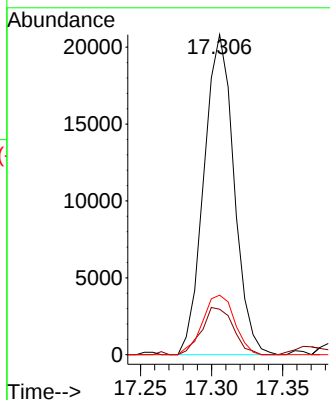
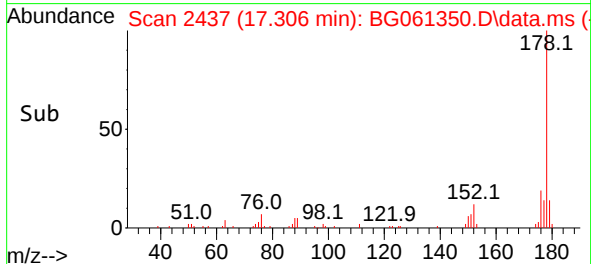
Instrument :
BNA_G
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BH660



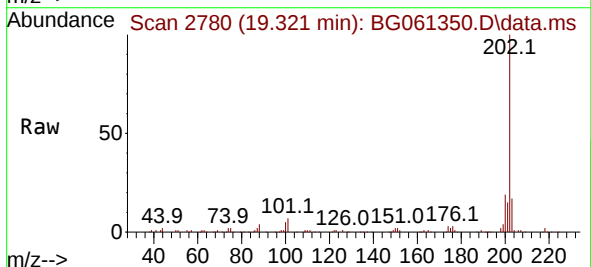
Tgt Ion:178 Resp: 30669
Ion Ratio Lower Upper
178 100
179 14.2 12.7 19.1
176 18.6 15.5 23.3

Manual Integrations
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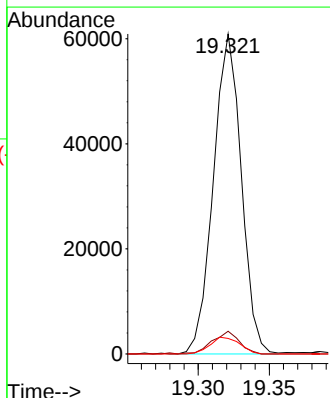
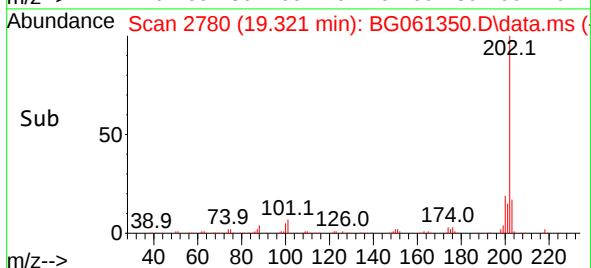
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

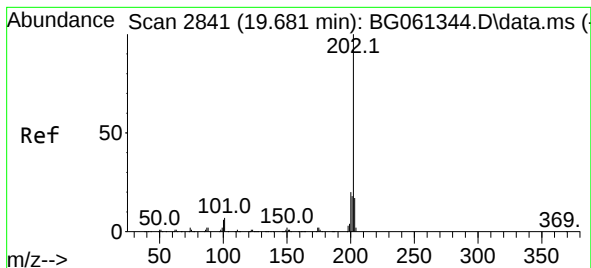


#80
Fluoranthene
Concen: 6.404 ng/ul
RT: 19.321 min Scan# 2780
Delta R.T. -0.007 min
Lab File: BG061350.D
Acq: 30 May 2024 6:21



Tgt Ion:202 Resp: 83130
Ion Ratio Lower Upper
202 100
101 7.1 4.8 7.2
100 4.9 4.1 6.1





#82

Pyrene

Concen: 5.622 ng/ul

RT: 19.685 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG061350.D

Acq: 30 May 2024 6:21

Instrument :

BNA_G

ClientSampleId :

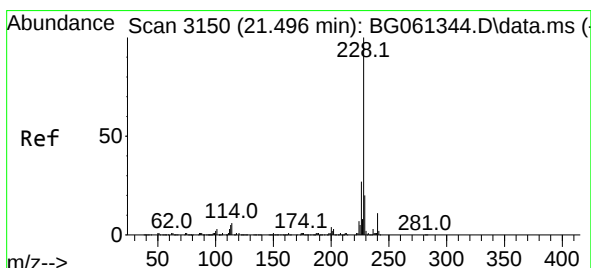
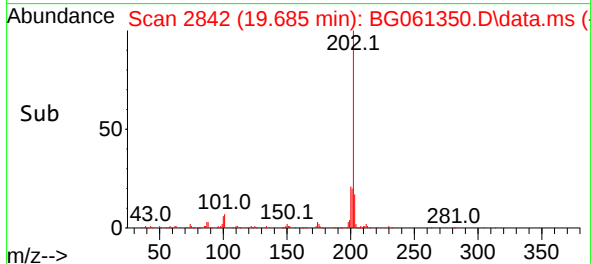
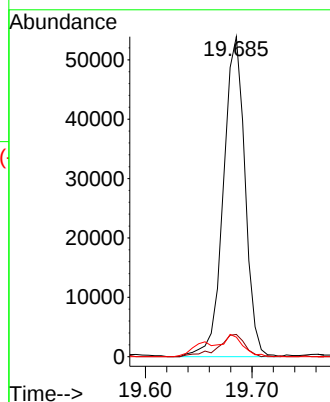
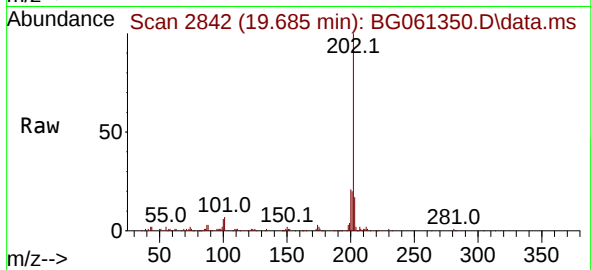
BH660

Tgt Ion:	202	Resp:	75749
Ion Ratio	Lower	Upper	
202	100		
101	6.9	5.7	8.5
100	6.1	5.1	7.7

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#85

Benzo(a)anthracene

Concen: 2.990 ng/ul

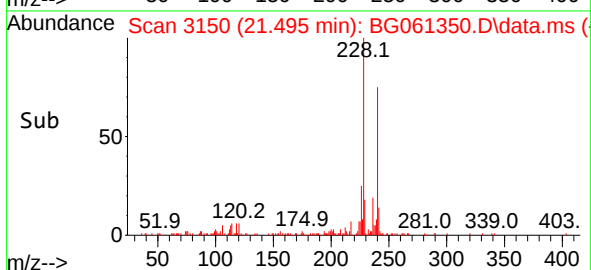
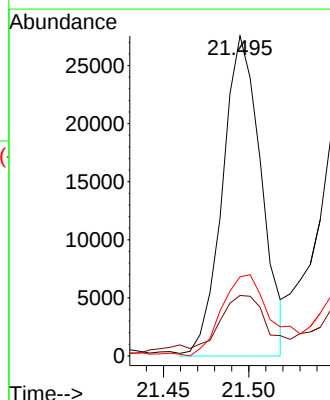
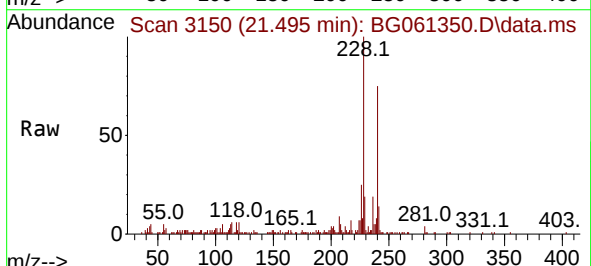
RT: 21.495 min Scan# 3150

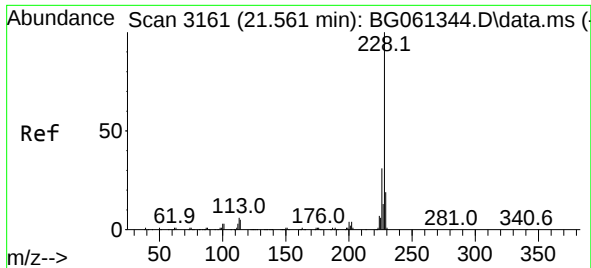
Delta R.T. -0.007 min

Lab File: BG061350.D

Acq: 30 May 2024 6:21

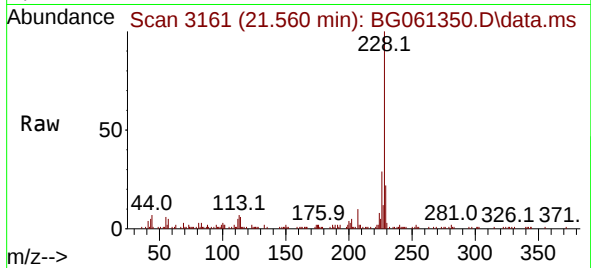
Tgt Ion:	228	Resp:	43481
Ion Ratio	Lower	Upper	
228	100		
229	18.9	15.2	22.8
226	24.7	21.4	32.2





#87
Chrysene
Concen: 3.751 ng/ul
RT: 21.560 min Scan# 3161
Delta R.T. -0.007 min
Lab File: BG061350.D
Acq: 30 May 2024 6:21

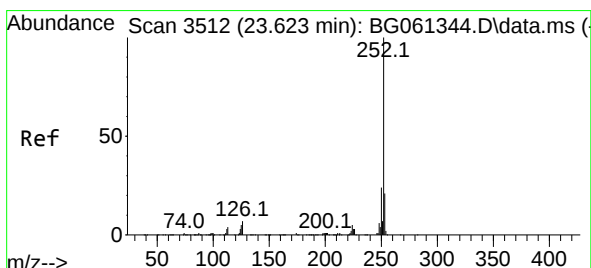
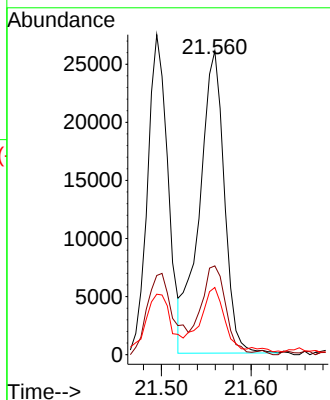
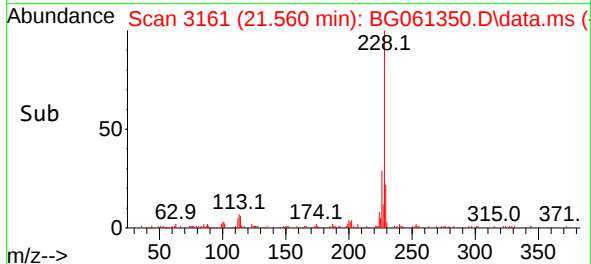
Instrument :
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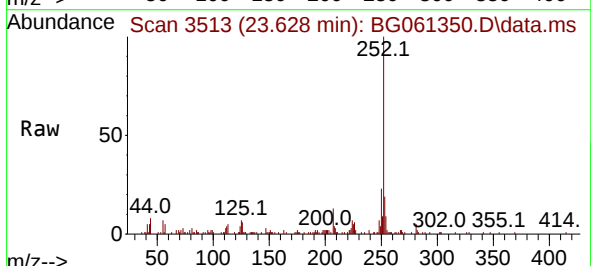
Tgt Ion:228 Resp: 5022
Ion Ratio Lower Upper
228 100
226 29.2 23.4 35.0
229 22.1 15.4 23.2

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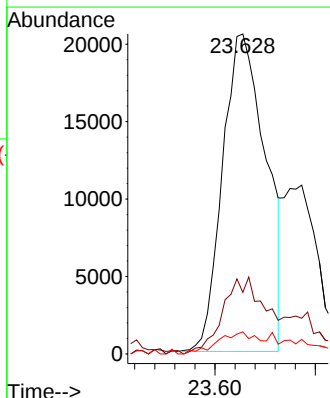
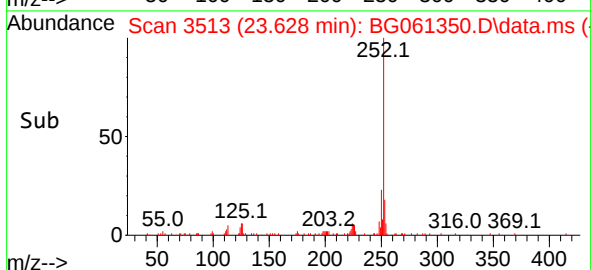
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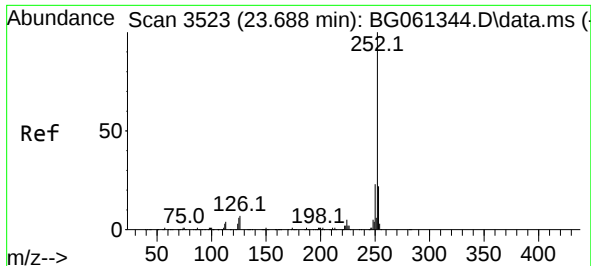


#90
Benzo(b)fluoranthene
Concen: 4.420 ng/ul
RT: 23.628 min Scan# 3513
Delta R.T. -0.001 min
Lab File: BG061350.D
Acq: 30 May 2024 6:21



Tgt Ion:252 Resp: 61307
Ion Ratio Lower Upper
252 100
253 19.2 17.8 26.8
125 6.9 4.6 6.8#





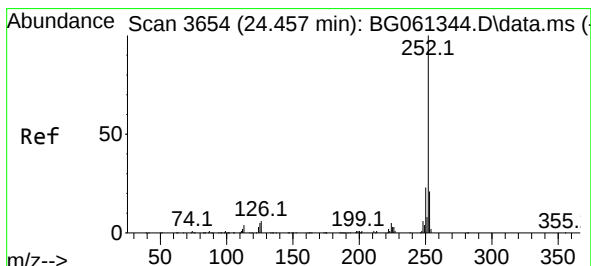
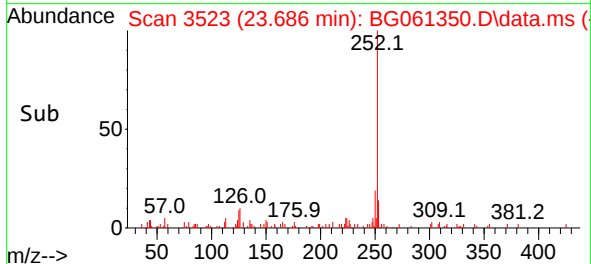
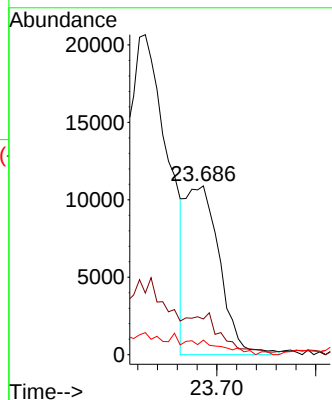
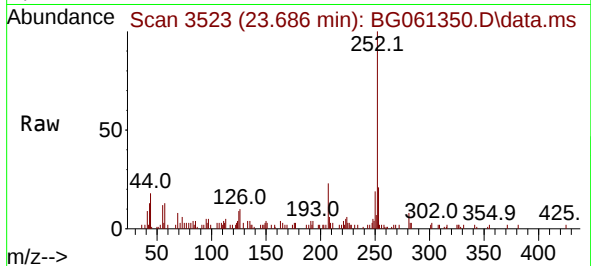
#91
Benzo(k)fluoranthene
Concen: 1.851 ng/ul m
RT: 23.686 min Scan# 3523
Delta R.T. -0.007 min
Lab File: BG061350.D
Acq: 30 May 2024 6:21

Instrument :
BNA_G
ClientSampleId :
BH660

Tgt Ion:252 Resp: 26062
Ion Ratio Lower Upper
252 100
253 21.1 16.0 24.0
125 8.6 4.3 6.5

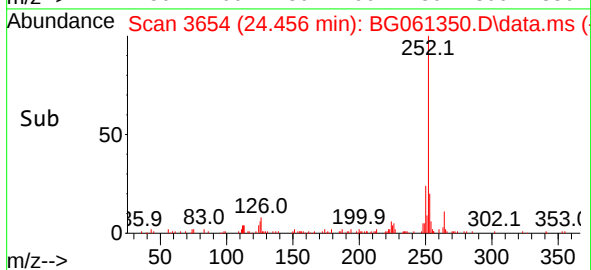
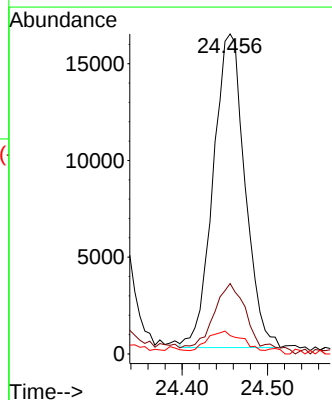
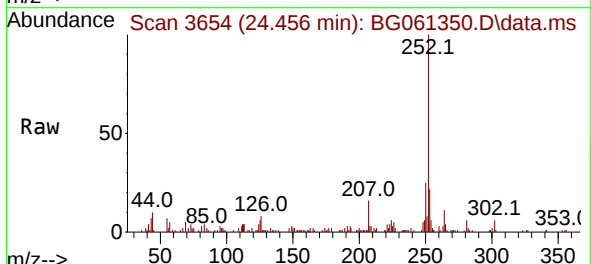
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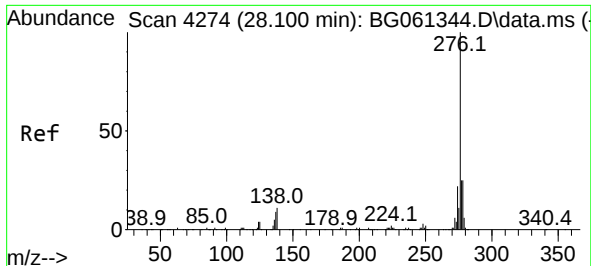
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#93
Benzo(a)pyrene
Concen: 3.182 ng/ul
RT: 24.456 min Scan# 3654
Delta R.T. -0.007 min
Lab File: BG061350.D
Acq: 30 May 2024 6:21

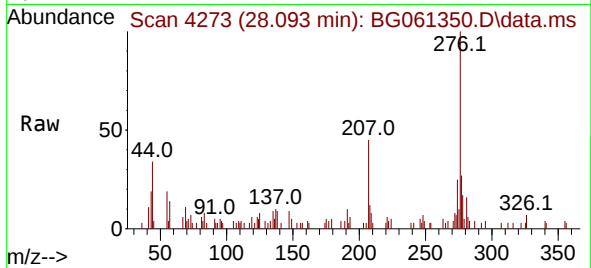
Tgt Ion:252 Resp: 41914
Ion Ratio Lower Upper
252 100
253 22.0 16.4 24.6
125 5.8 4.3 6.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.856 ng/ul m
RT: 28.093 min Scan# 441
Delta R.T. -0.013 min
Lab File: BG061350.D
Acq: 30 May 2024 6:21

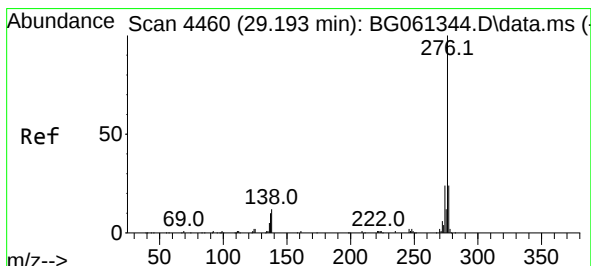
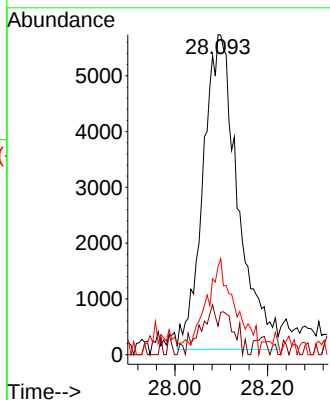
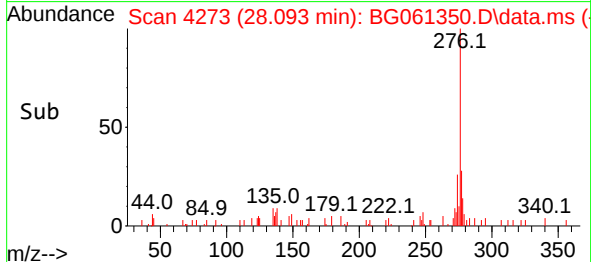
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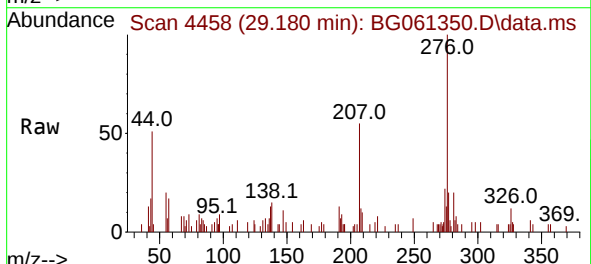
Tgt Ion:276 Resp: 29564
Ion Ratio Lower Upper
276 100
138 9.0 8.6 13.0
277 27.4 19.7 29.5

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 2.158 ng/ul m
RT: 29.180 min Scan# 4458
Delta R.T. -0.013 min
Lab File: BG061350.D
Acq: 30 May 2024 6:21



Tgt Ion:276 Resp: 27343
Ion Ratio Lower Upper
276 100
138 15.4 8.7 13.1#
277 20.3 18.2 27.2

