

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061548.D
 Acq On : 8 Jun 2024 1:09
 Operator : MA/JU
 Sample : P2640-21
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C25

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 08 01:47:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

06/08/2024
 Supervised By :mohammad
 ahmed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							06/10/2024
1) 1,4-Dichlorobenzene-d4	7.870	152	27103	20.000	ng/u1	0.00	
20) Naphthalene-d8	10.667	136	105154	20.000	ng/u1	0.00	
38) Acenaphthene-d10	14.510	164	81176	20.000	ng/u1	0.00	
64) Phenanthrene-d10	17.265	188	189668	20.000	ng/u1	0.00	
79) Chrysene-d12	21.525	240	198982	20.000	ng/u1	0.00	
88) Perylene-d12	24.621	264	229882	20.000	ng/u1	0.01	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.329	96	1696	3.502	ng/uL	-0.03	
4) Pyridine-d5	3.740	84	28414	16.491	ng/u1	-0.03	
7) Phenol-d5	7.059	99	43652	19.613	ng/u1	-0.01	
9) Bis-(2-Chloroethyl)eth...	7.200	67	26153	18.695	ng/u1	-0.01	
11) 2-Chlorophenol-d4	7.412	132	35014	21.257	ng/u1	0.00	
15) 4-Methylphenol-d8	8.599	113	35722	18.822	ng/u1	0.00	
21) Nitrobenzene-d5	9.028	128	17225	21.276	ng/u1	-0.01	
24) 2-Nitrophenol-d4	9.750	143	20367	21.495	ng/u1	0.00	
28) 2,4-Dichlorophenol-d3	10.309	165	40183	21.753	ng/u1	0.00	
31) 4-Chloroaniline-d4	10.808	131	39834	16.483	ng/u1	0.00	
46) Dimethylphthalate-d6	13.916	166	133286	21.170	ng/u1	0.00	
49) Acenaphthylene-d8	14.204	160	146683	22.410	ng/u1	0.00	
54) 4-Nitrophenol-d4	14.762	143	12648m	16.249	ng/u1	0.00	
60) Fluorene-d10	15.508	176	118987	21.890	ng/u1	0.00	
65) 4,6-Dinitro-2-methylph...	15.655	200	16045	13.987	ng/u1	0.00	
73) Anthracene-d10	17.365	188	192097	22.973	ng/u1	0.00	
81) Pyrene-d10	19.656	212	233791	22.883	ng/u1	0.00	
92) Benzo(a)pyrene-d12	24.410	264	252188	22.819	ng/u1	0.01	
Target Compounds							Qvalue
72) Phenanthrene	17.306	178	47365	5.145	ng/u1		99
74) Anthracene	17.400	178	10449m	1.098	ng/u1		
80) Fluoranthene	19.322	202	67106	5.475	ng/u1		99
82) Pyrene	19.686	202	58298	4.582	ng/u1		99
85) Benzo(a)anthracene	21.507	228	35055	2.553	ng/u1		94
87) Chrysene	21.566	228	31875m	2.521	ng/u1		
90) Benzo(b)fluoranthene	23.646	252	39880	2.914	ng/u1#		98
91) Benzo(k)fluoranthene	23.699	252	14662	1.055	ng/u1#		88
93) Benzo(a)pyrene	24.474	252	31219m	2.402	ng/u1		
94) Indeno(1,2,3-cd)pyrene	28.146	276	17857m	1.136	ng/u1		
96) Benzo(g,h,i)perylene	29.239	276	17197m	1.375	ng/u1		

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

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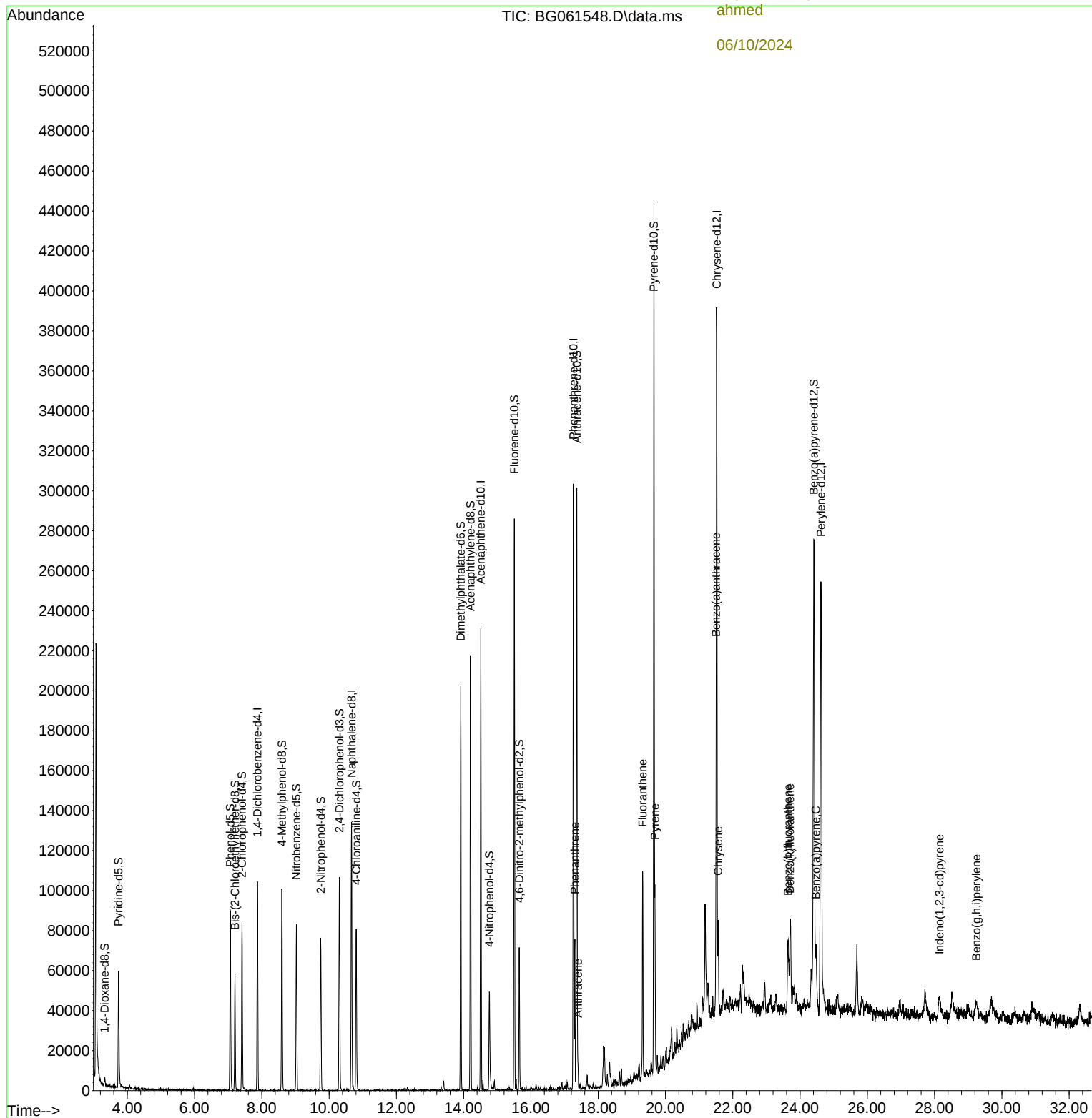
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Quant Title : SVOA CALIBRATION
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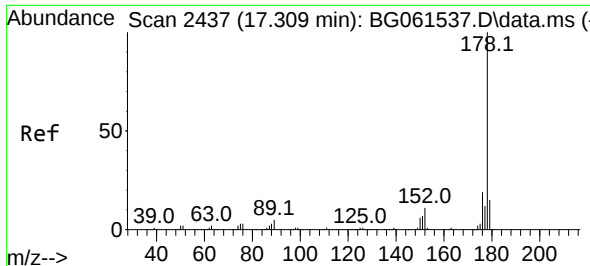
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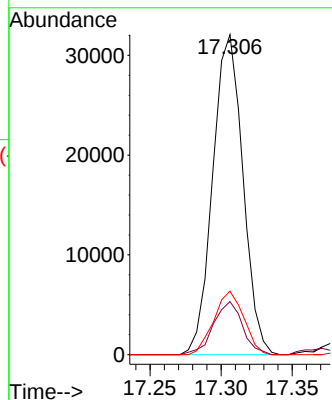
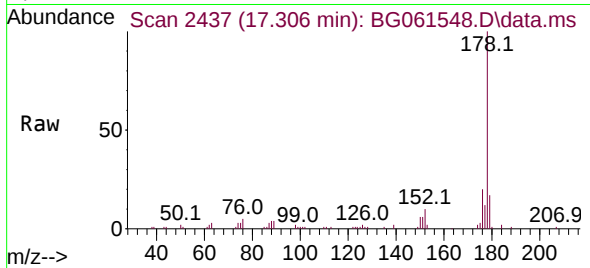
#72
Phenanthrene
Concen: 5.145 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BG061548.D
Acq: 8 Jun 2024 1:09

Instrument :
BNA_G
ClientSampleId :
A4C25

Tgt Ion:178 Resp: 4736
Ion Ratio Lower Upper
178 100
179 16.6 12.7 19.1
176 19.8 15.5 23.3

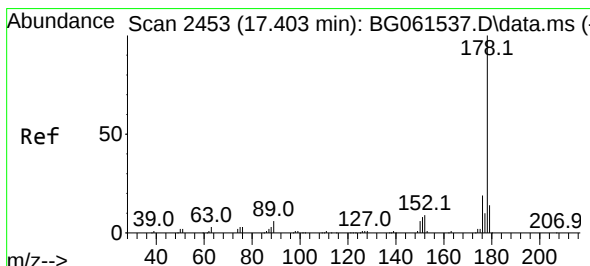
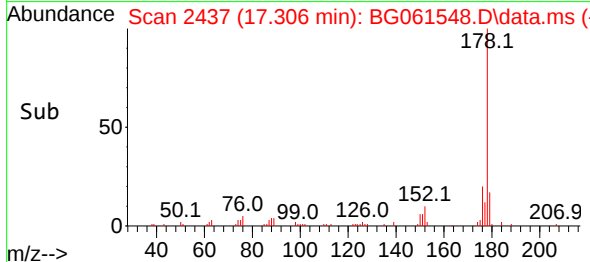
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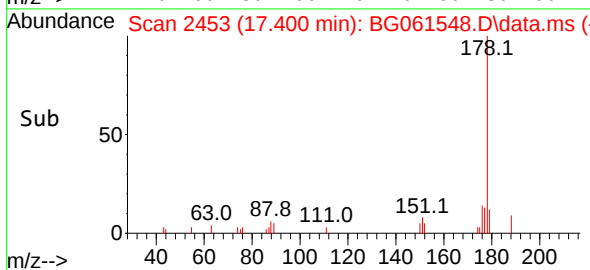
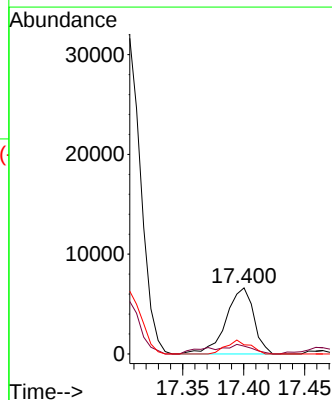
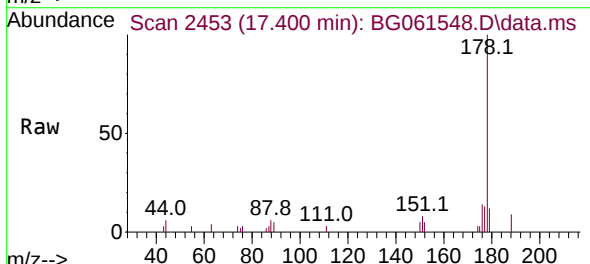
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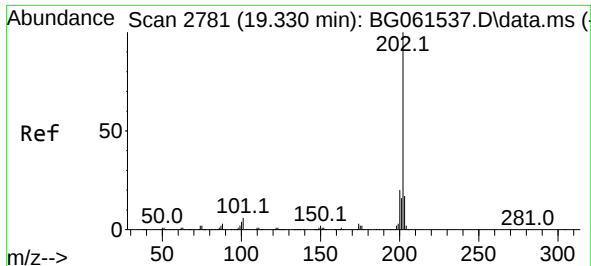
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#74
Anthracene
Concen: 1.098 ng/ul m
RT: 17.400 min Scan# 2453
Delta R.T. 0.006 min
Lab File: BG061548.D
Acq: 8 Jun 2024 1:09

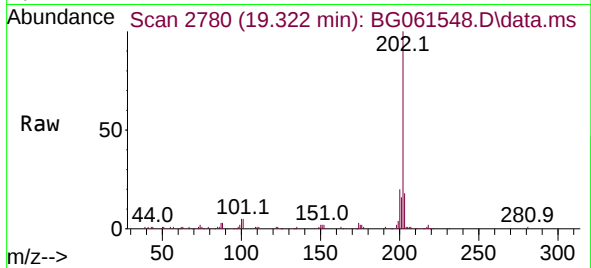
Tgt Ion:178 Resp: 10449
Ion Ratio Lower Upper
178 100
179 12.0 11.8 17.6
176 13.9 14.9 22.3#





#80
Fluoranthene
Concen: 5.475 ng/ul
RT: 19.322 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG061548.D
Acq: 8 Jun 2024 1:09

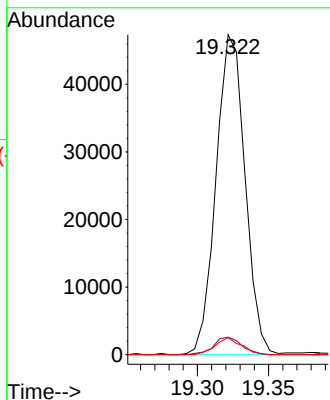
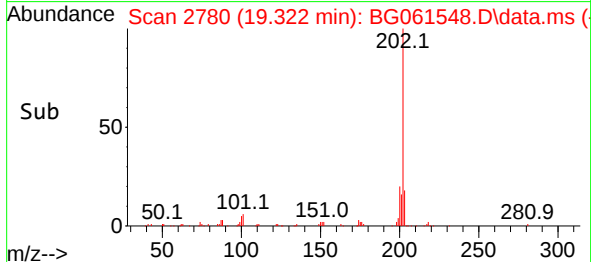
Instrument :
BNA_G
ClientSampleId :
A4C25



Tgt Ion:202 Resp: 67100
Ion Ratio Lower Upper
202 100
101 5.5 4.8 7.2
100 5.3 4.1 6.1

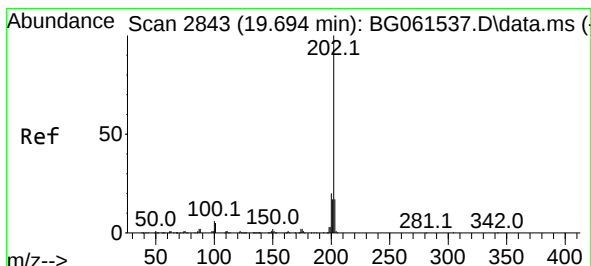
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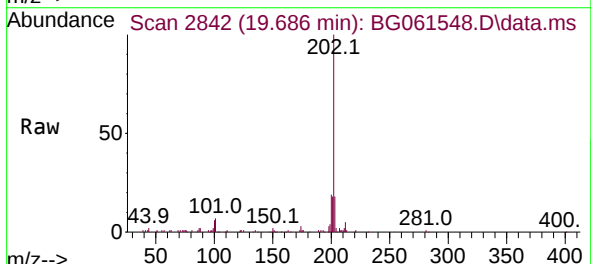


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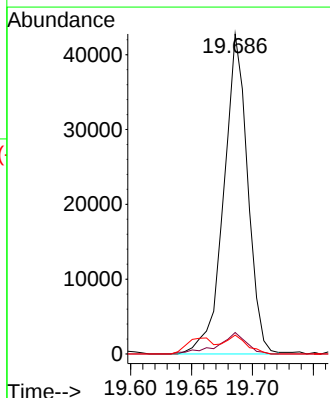
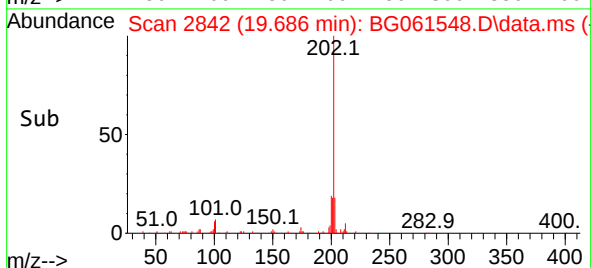
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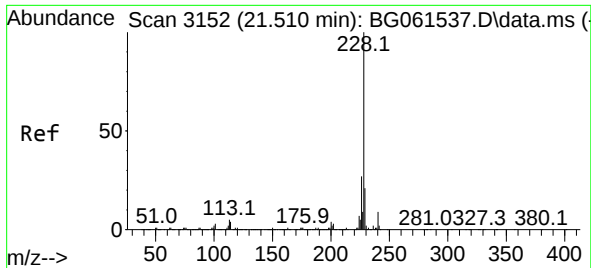


#82
Pyrene
Concen: 4.582 ng/ul
RT: 19.686 min Scan# 2842
Delta R.T. -0.000 min
Lab File: BG061548.D
Acq: 8 Jun 2024 1:09



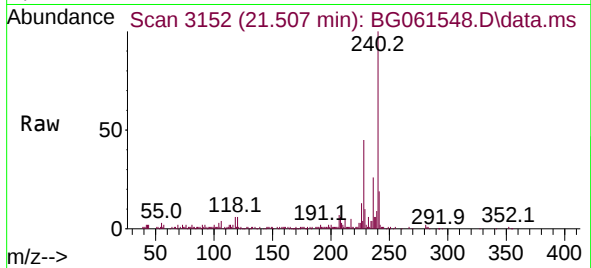
Tgt Ion:202 Resp: 58298
Ion Ratio Lower Upper
202 100
101 6.7 5.7 8.5
100 5.9 5.1 7.7





#85
Benzo(a)anthracene
Concen: 2.553 ng/u1
RT: 21.507 min Scan# 3152
Delta R.T. 0.006 min
Lab File: BG061548.D
Acq: 8 Jun 2024 1:09

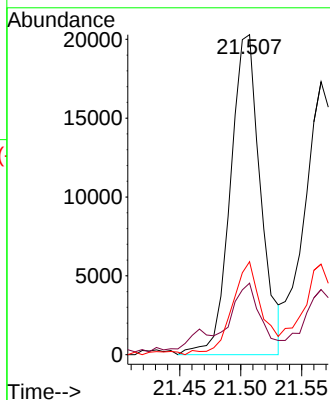
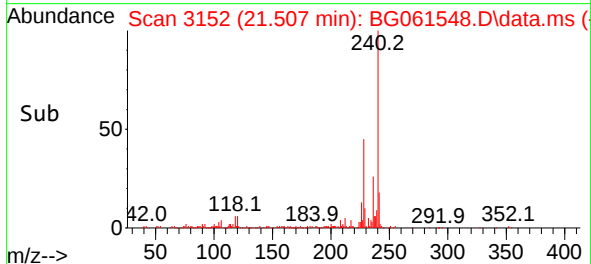
Instrument :
BNA_G
ClientSampleId :
A4C25



Tgt Ion:228 Resp: 3505
Ion Ratio Lower Upper
228 100
229 22.4 15.2 22.8
226 29.0 21.4 32.2

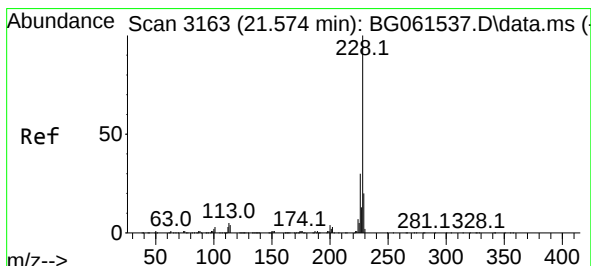
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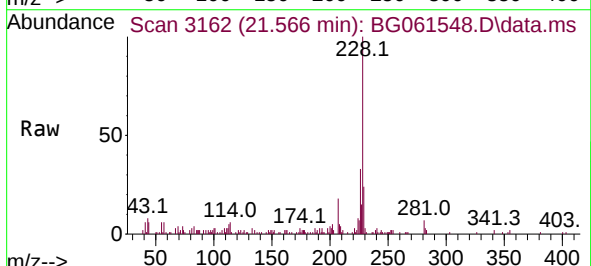


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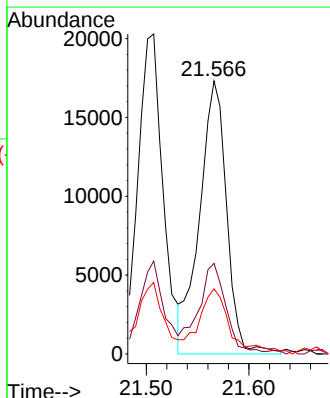
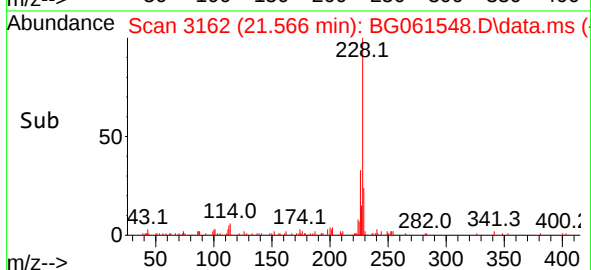
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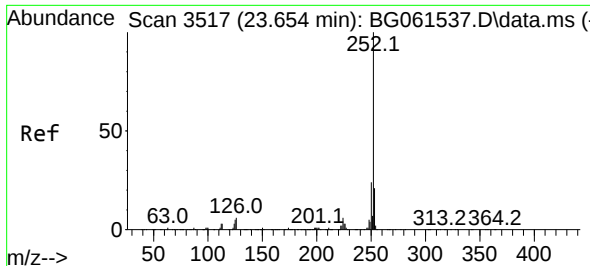


#87
Chrysene
Concen: 2.521 ng/u1 m
RT: 21.566 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BG061548.D
Acq: 8 Jun 2024 1:09



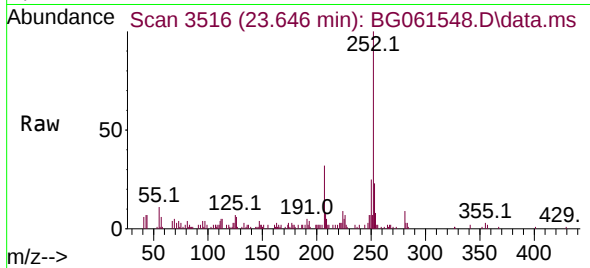
Tgt Ion:228 Resp: 31875
Ion Ratio Lower Upper
228 100
226 33.2 23.4 35.0
229 23.9 15.4 23.2#





#90
Benzo(b)fluoranthene
Concen: 2.914 ng/ul
RT: 23.646 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BG061548.D
Acq: 8 Jun 2024 1:09

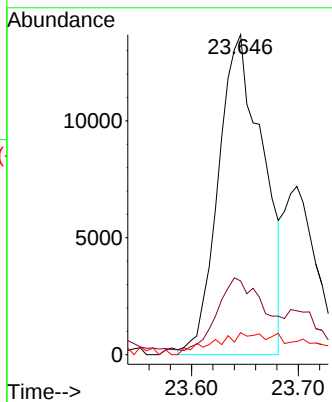
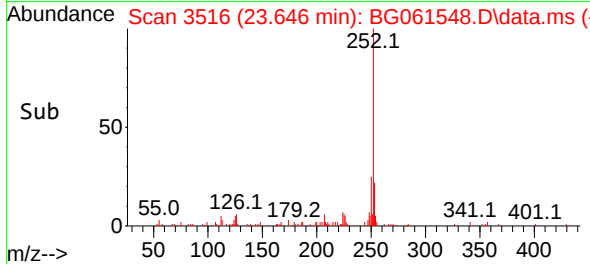
Instrument :
BNA_G
ClientSampleId :
A4C25



Tgt Ion:252 Resp: 39880
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 6.9 4.6 6.8

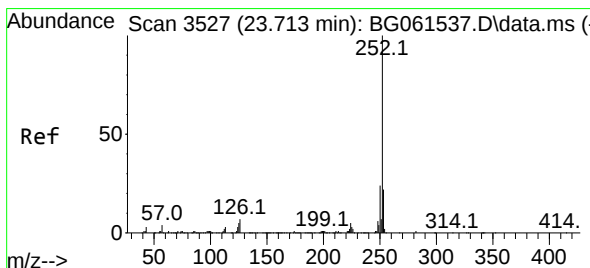
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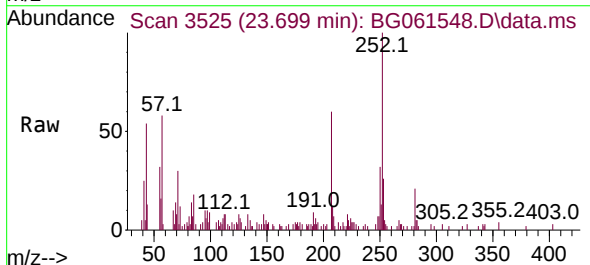


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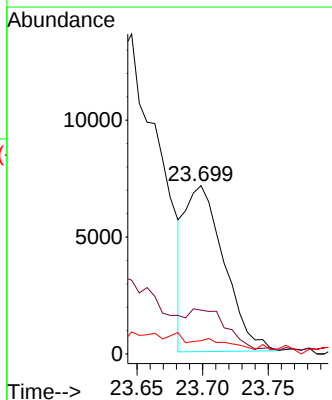
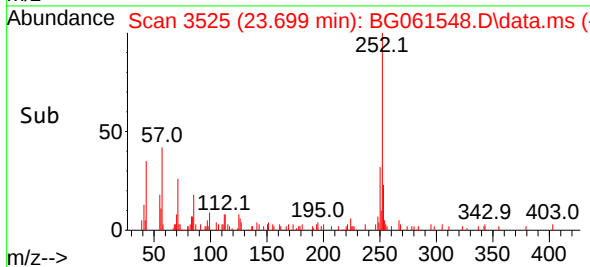
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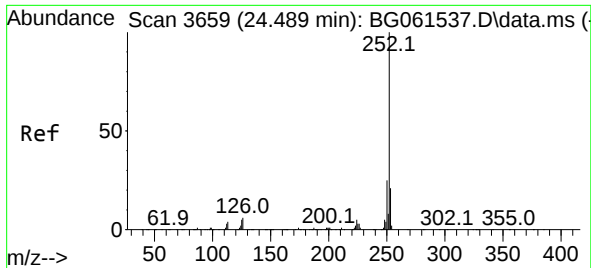


#91
Benzo(k)fluoranthene
Concen: 1.055 ng/ul
RT: 23.699 min Scan# 3525
Delta R.T. -0.000 min
Lab File: BG061548.D
Acq: 8 Jun 2024 1:09



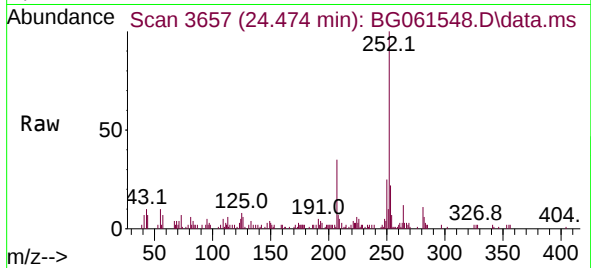
Tgt Ion:252 Resp: 14662
Ion Ratio Lower Upper
252 100
253 26.1 16.0 24.0#
125 7.8 4.3 6.5#





#93
Benzo(a)pyrene
Concen: 2.402 ng/ul m
RT: 24.474 min Scan# 3657
Delta R.T. 0.006 min
Lab File: BG061548.D
Acq: 8 Jun 2024 1:09

Instrument :
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ClientSampleId :
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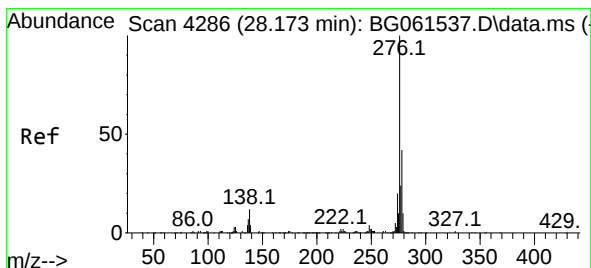
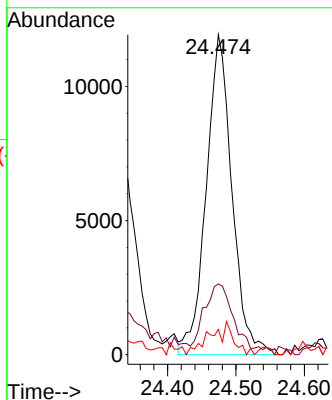
Tgt Ion:252 Resp: 31219
Ion Ratio Lower Upper
252 100
253 22.1 16.4 24.6
125 7.9 4.3 6.5

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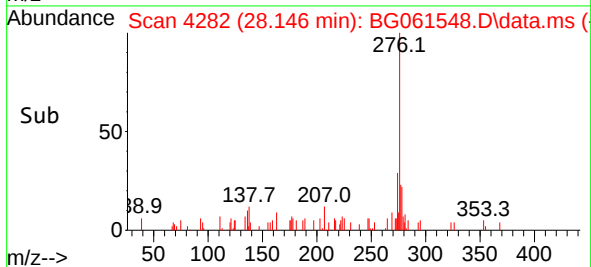
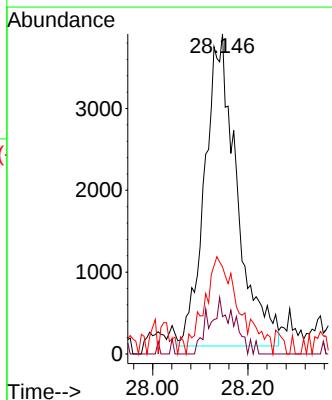
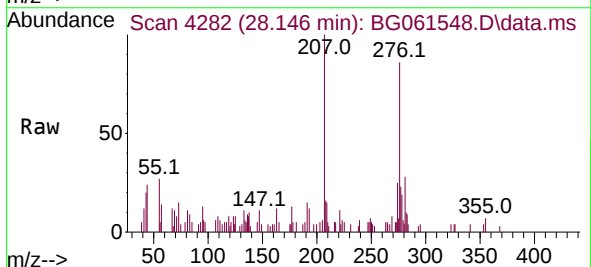
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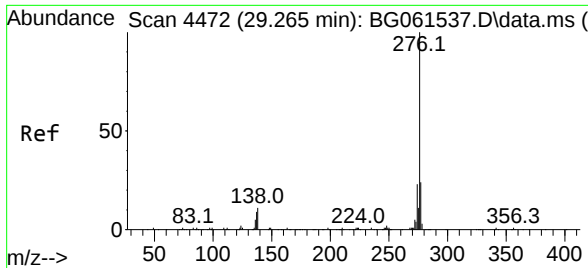
06/10/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.136 ng/ul m
RT: 28.146 min Scan# 4282
Delta R.T. 0.012 min
Lab File: BG061548.D
Acq: 8 Jun 2024 1:09

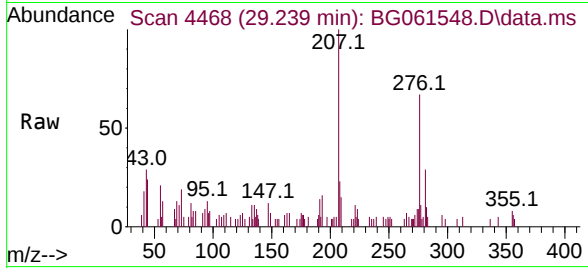
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Ion Ratio Lower Upper
276 100
138 11.7 8.6 13.0
277 27.2 19.7 29.5





#96
 Benzo(g,h,i)perylene
 Concen: 1.375 ng/ul m
 RT: 29.239 min Scan# 44
 Delta R.T. 0.018 min
 Lab File: BG061548.D
 Acq: 8 Jun 2024 1:09

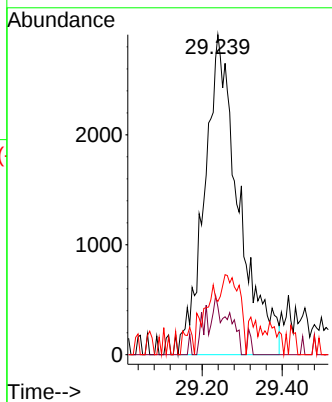
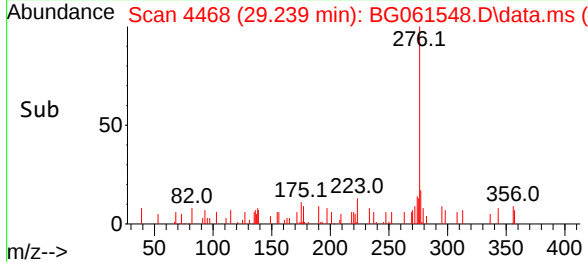
Instrument :
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Tgt Ion:276 Resp: 1719
 Ion Ratio Lower Upper
 276 100
 138 8.5 8.7 13.1
 277 16.7 18.2 27.2

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