

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062031.D
 Acq On : 12 Jul 2024 6:40
 Operator : MA/JU
 Sample : P3124-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CB3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024

Quant Time: Jul 12 09:33:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	57189	20.000	ng/u1	0.00
20) Naphthalene-d8	10.849	136	265026	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.668	164	179517	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.412	188	405908	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.672	240	355936	20.000	ng/u1	0.00
88) Perylene-d12	24.886	264	422372	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	6547m	4.302	ng/uL	0.00
4) Pyridine-d5	3.858	84	37647	8.045	ng/u1	0.00
7) Phenol-d5	7.195	99	176985	28.279	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.365	67	100895	25.457	ng/u1	0.00
11) 2-Chlorophenol-d4	7.571	132	123861	28.852	ng/u1	0.00
15) 4-Methylphenol-d8	8.746	113	131559	26.698	ng/u1	0.00
21) Nitrobenzene-d5	9.204	128	59004	29.273	ng/u1	0.00
24) 2-Nitrophenol-d4	9.927	143	70999	30.845	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.467	165	146969	33.103	ng/u1	0.00
31) 4-Chloroaniline-d4	10.985	131	66796	10.363	ng/u1	0.00
46) Dimethylphthalate-d6	14.069	166	465272	31.525	ng/u1	0.00
49) Acenaphthylene-d8	14.363	160	492542	31.916	ng/u1	0.00
54) 4-Nitrophenol-d4	14.880	143	73875	31.344	ng/u1	0.00
60) Fluorene-d10	15.661	176	413086	33.248	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.773	200	73085	34.284	ng/u1	0.00
73) Anthracene-d10	17.512	188	686400	36.219	ng/u1	0.00
81) Pyrene-d10	19.798	212	662277	31.634	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.663	264	601309	28.705	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.459	178	329507	15.396	ng/u1	97
74) Anthracene	17.547	178	55764	2.521	ng/u1	97
77) Carbazole	17.818	167	32836	1.764	ng/u1	96
80) Fluoranthene	19.463	202	784617	31.668	ng/u1#	95
82) Pyrene	19.827	202	544769	21.286	ng/u1#	93
85) Benzo(a)anthracene	21.654	228	351121	13.625	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.549	149	150882	9.789	ng/u1#	98
87) Chrysene	21.719	228	398600	16.522	ng/u1	98
90) Benzo(b)fluoranthene	23.869	252	584332	21.958	ng/u1	96
91) Benzo(k)fluoranthene	23.916	252	180738m	6.811	ng/u1	
93) Benzo(a)pyrene	24.727	252	249911	9.918	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.529	276	224979m	6.987	ng/u1	
95) Dibenzo(a,h)anthracene	28.587	278	75088m	2.823	ng/u1	
96) Benzo(g,h,i)perylene	29.674	276	137836m	5.380	ng/u1	

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

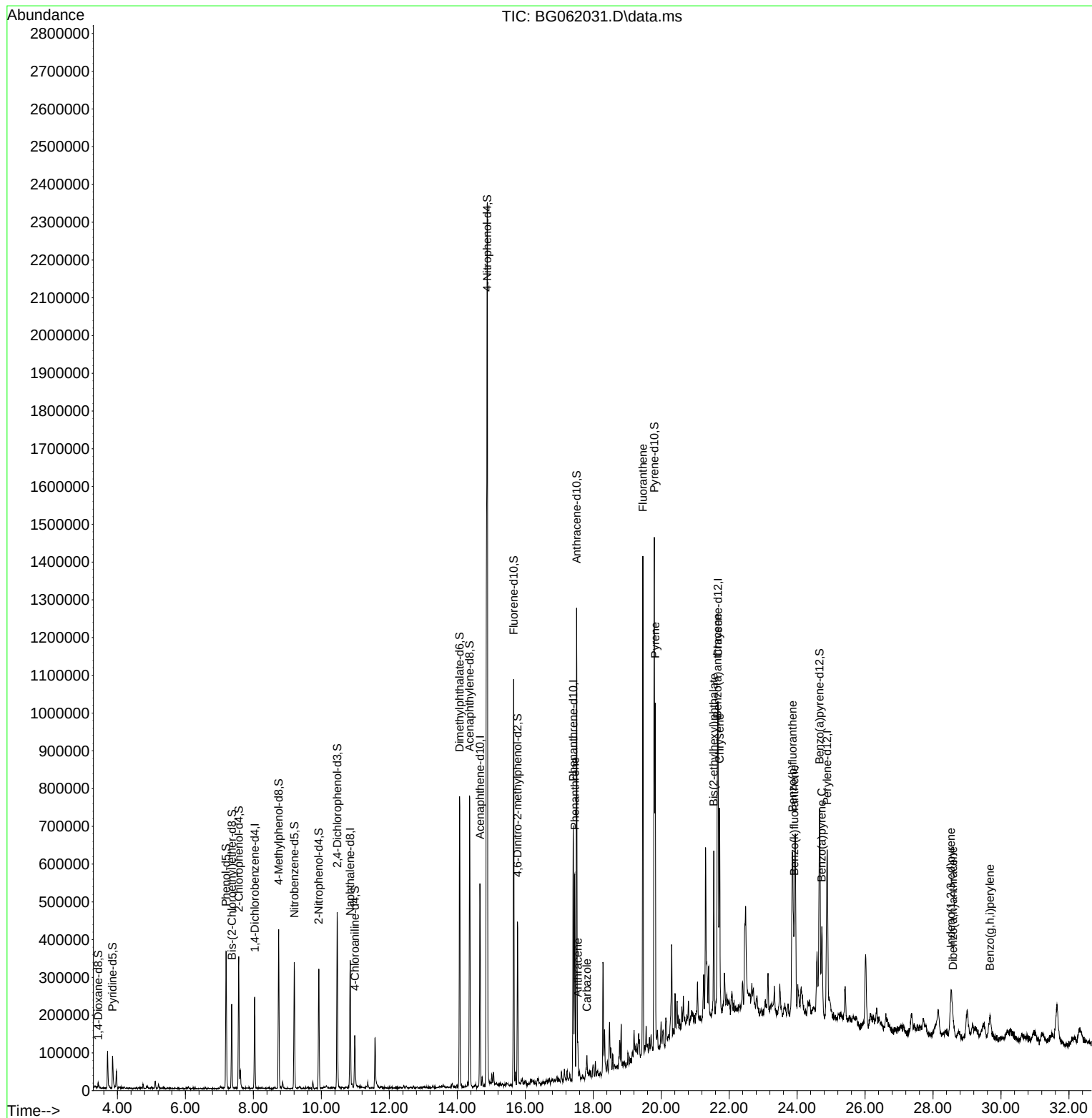
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062031.D
Acq On : 12 Jul 2024 6:40
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

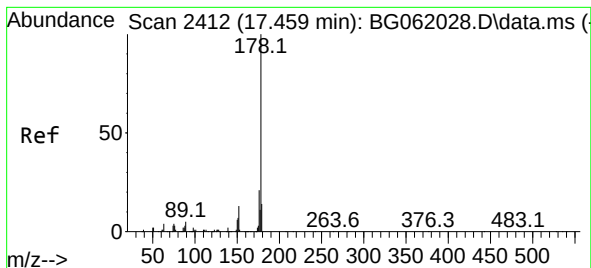
Instrument :
BNA_G
ClientSampleId :
A4CB3

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#72

Phenanthrene

Concen: 15.396 ng/ul

RT: 17.459 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BG062031.D

Acq: 12 Jul 2024 6:40

Instrument :

BNA_G

ClientSampleId :

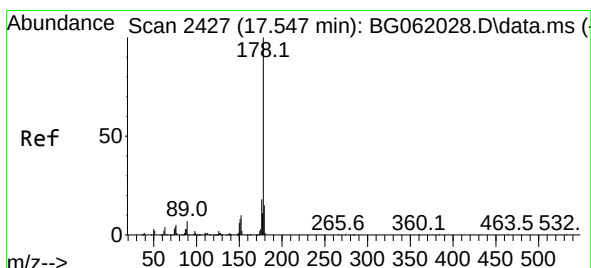
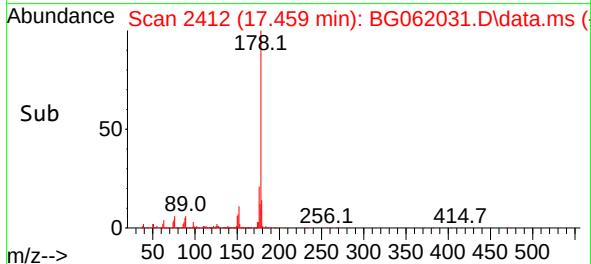
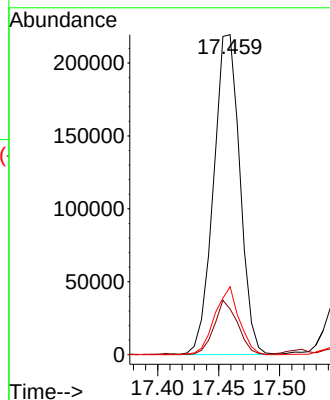
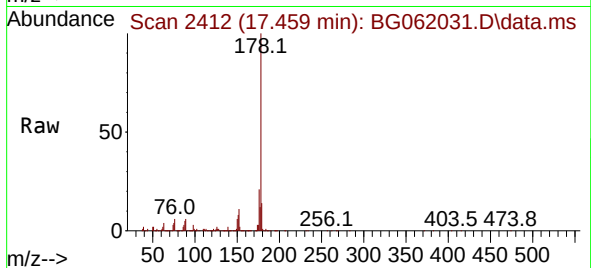
A4CB3

Tgt Ion:178 Resp: 32950
 Ion Ratio Lower Upper
 178 100
 179 14.3 11.9 17.9
 176 21.3 15.5 23.3

Manual Integrations

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#74

Anthracene

Concen: 2.521 ng/ul

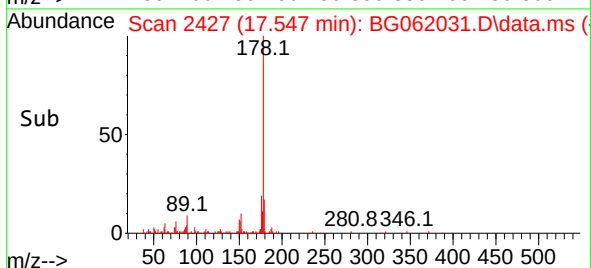
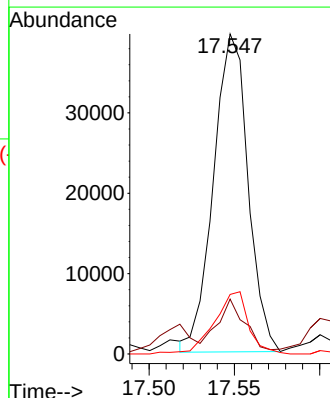
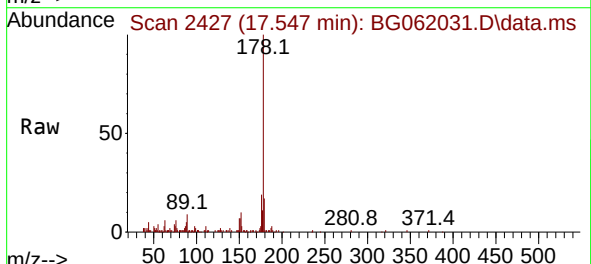
RT: 17.547 min Scan# 2427

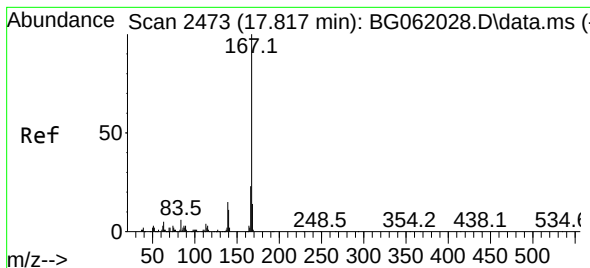
Delta R.T. -0.006 min

Lab File: BG062031.D

Acq: 12 Jul 2024 6:40

Tgt Ion:178 Resp: 55764
 Ion Ratio Lower Upper
 178 100
 179 17.2 11.9 17.9
 176 18.6 14.7 22.1





#77

Carbazole

Concen: 1.764 ng/ul

RT: 17.818 min Scan# 2473

Delta R.T. 0.000 min

Lab File: BG062031.D

Acq: 12 Jul 2024 6:40

Instrument :

BNA_G

ClientSampleId :

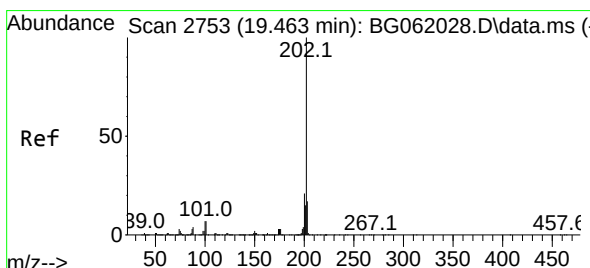
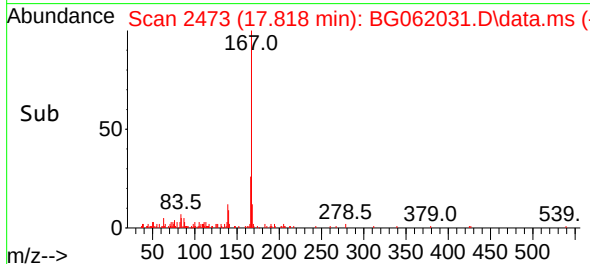
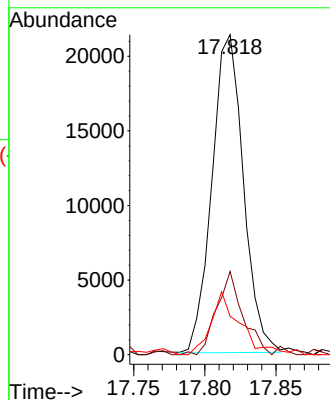
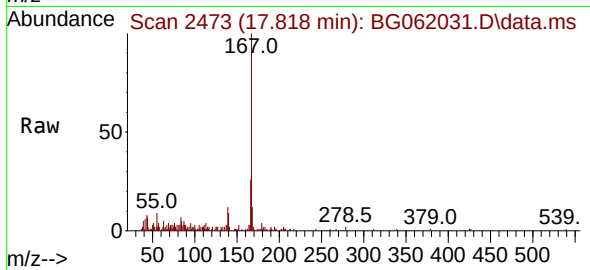
A4CB3

Tgt Ion:	167	Resp:	32830
Ion Ratio	Lower	Upper	
167	100		
166	26.0	18.2	27.2
139	12.0	9.6	14.4

Manual Integrations

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#80

Fluoranthene

Concen: 31.668 ng/ul

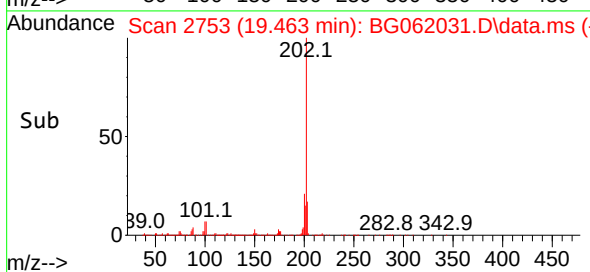
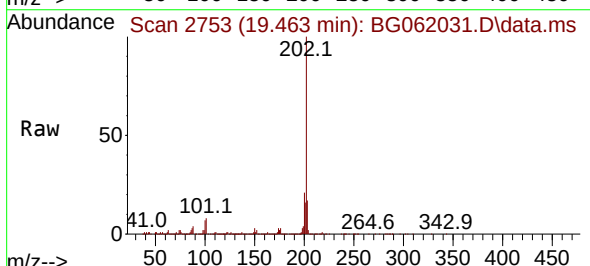
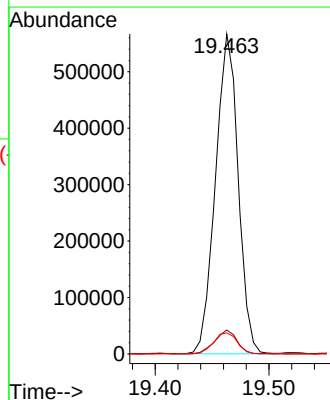
RT: 19.463 min Scan# 2753

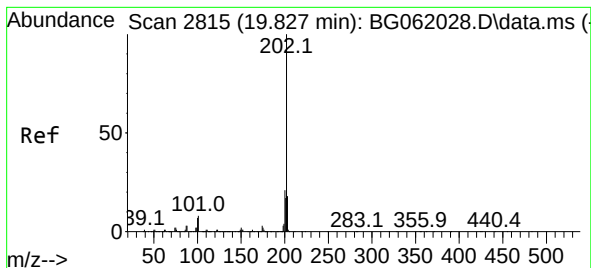
Delta R.T. 0.000 min

Lab File: BG062031.D

Acq: 12 Jul 2024 6:40

Tgt Ion:	202	Resp:	784617
Ion Ratio	Lower	Upper	
202	100		
101	7.5	7.4	11.2
100	6.6	6.6	10.0





#82

Pyrene

Concen: 21.286 ng/ul

RT: 19.827 min Scan# 2815

Delta R.T. 0.000 min

Lab File: BG062031.D

Acq: 12 Jul 2024 6:40

Instrument :

BNA_G

ClientSampleId :

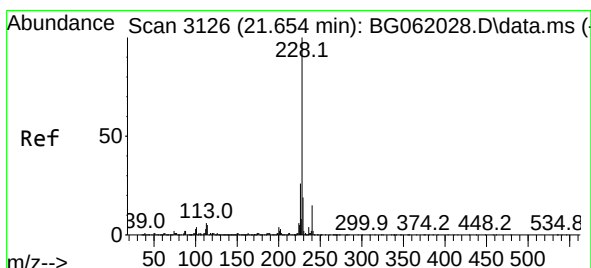
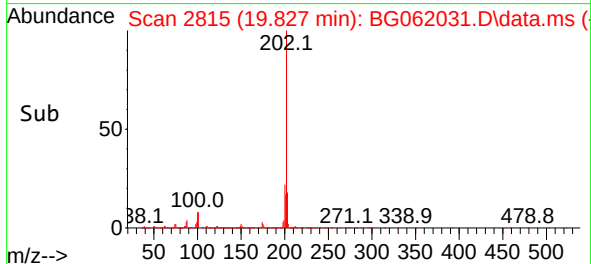
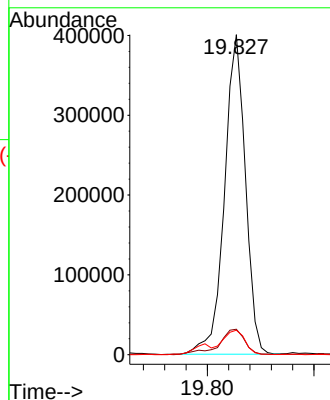
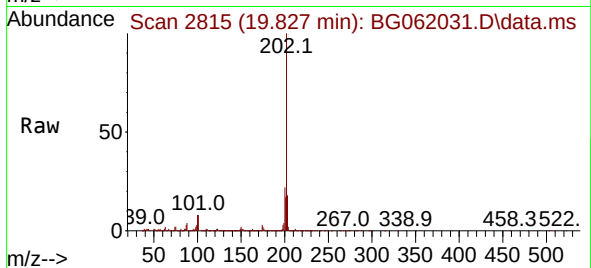
A4CB3

Tgt Ion:	202	Resp:	544769
Ion Ratio	Lower	Upper	
202	100		
101	8.0	8.8	13.2
100	7.7	7.6	11.4

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 13.625 ng/ul

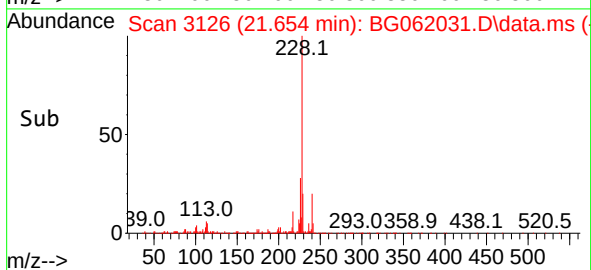
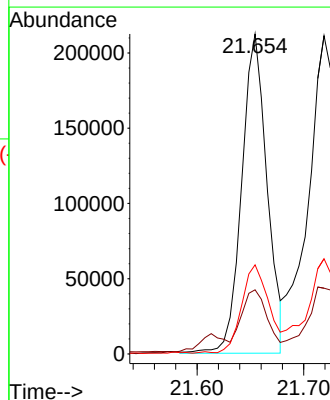
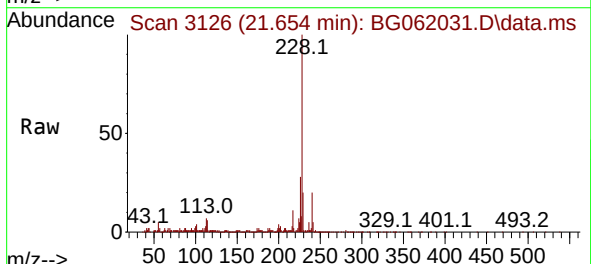
RT: 21.654 min Scan# 3126

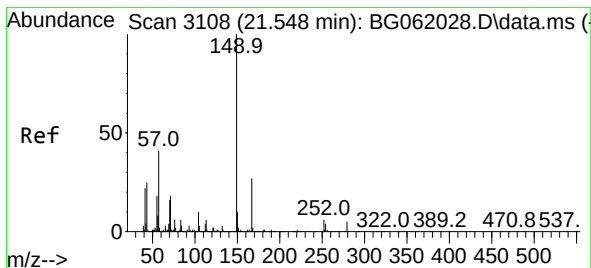
Delta R.T. 0.000 min

Lab File: BG062031.D

Acq: 12 Jul 2024 6:40

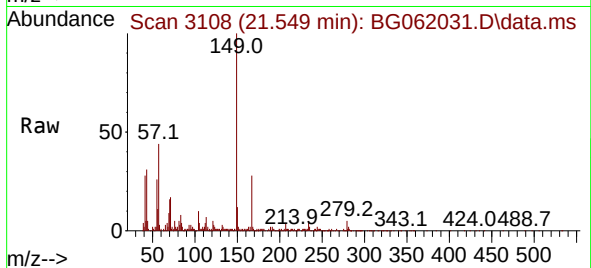
Tgt Ion:	228	Resp:	351121
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.7	23.5
226	27.9	21.7	32.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 9.789 ng/ul
RT: 21.549 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BG062031.D
Acq: 12 Jul 2024 6:40

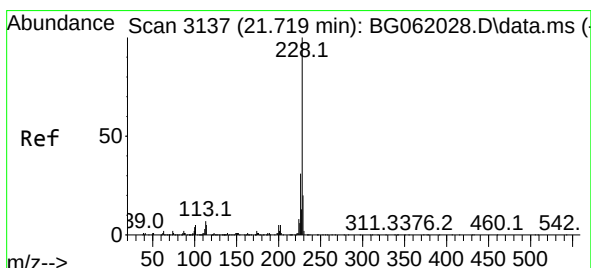
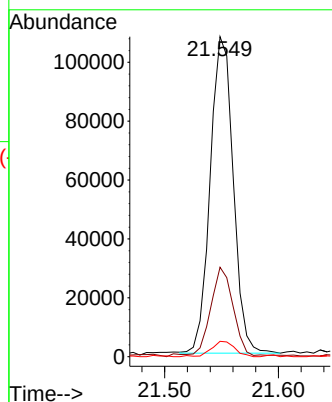
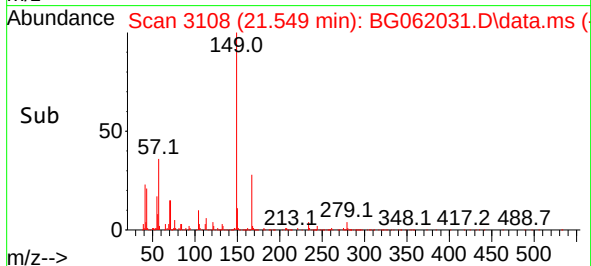
Instrument :
BNA_G
ClientSampleId :
A4CB3



Tgt Ion:149 Resp: 150882
Ion Ratio Lower Upper
149 100
167 27.9 21.7 32.5
279 4.8 2.8 4.2

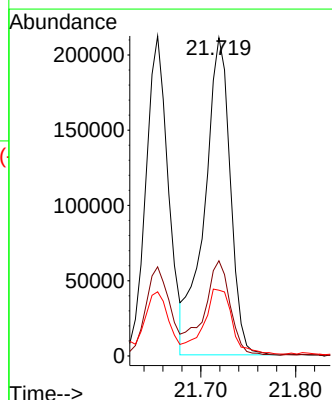
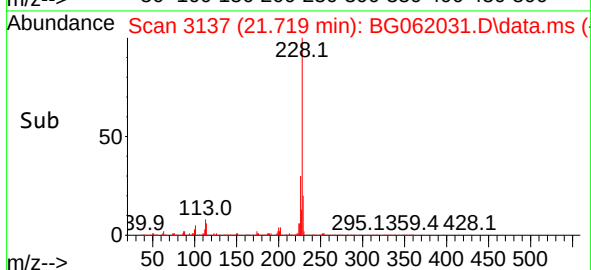
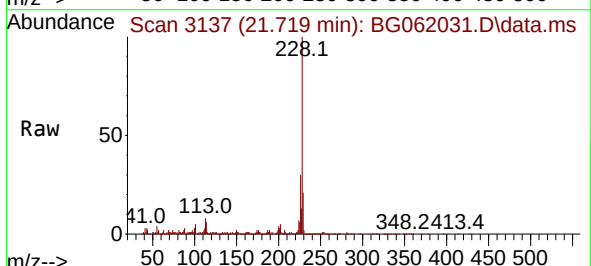
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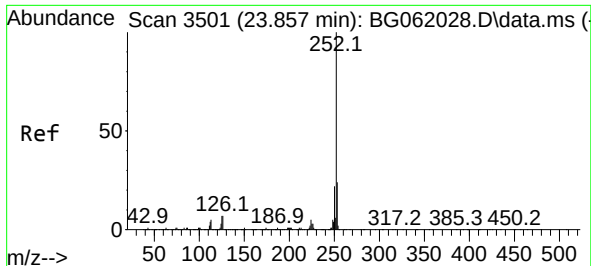
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



#87
Chrysene
Concen: 16.522 ng/ul
RT: 21.719 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BG062031.D
Acq: 12 Jul 2024 6:40

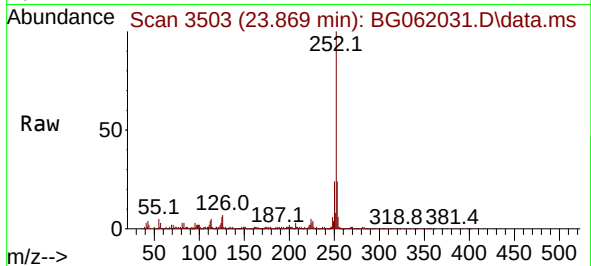
Tgt Ion:228 Resp: 398600
Ion Ratio Lower Upper
228 100
226 29.9 23.3 34.9
229 20.6 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 21.958 ng/ul
RT: 23.869 min Scan# 3501
Delta R.T. 0.012 min
Lab File: BG062031.D
Acq: 12 Jul 2024 6:40

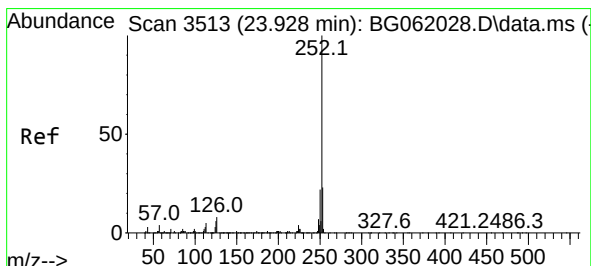
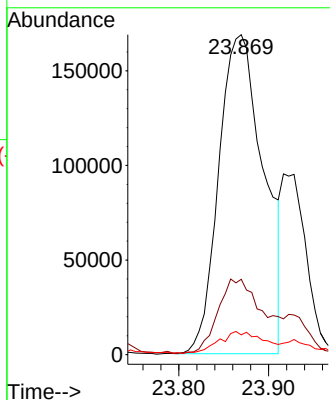
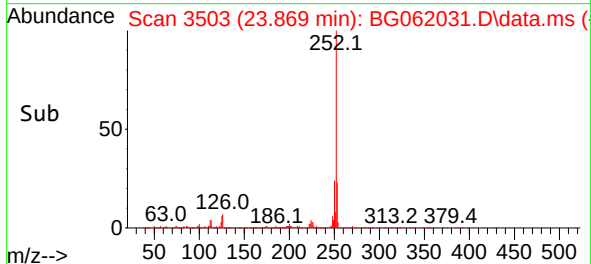
Instrument :
BNA_G
ClientSampleId :
A4CB3



Tgt Ion:252 Resp: 58433
Ion Ratio Lower Upper
252 100
253 23.6 17.2 25.8
125 6.2 6.1 9.1

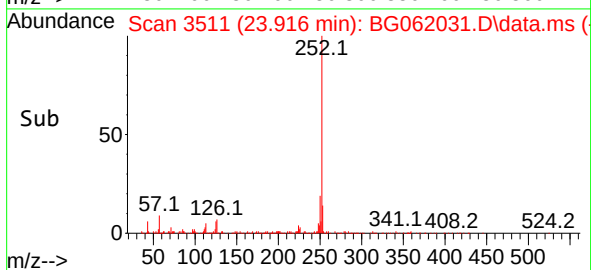
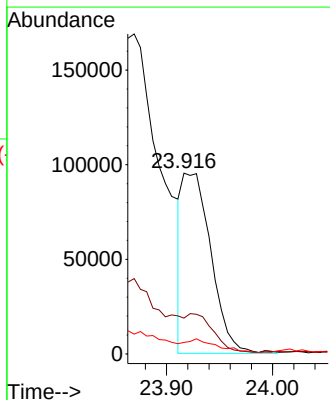
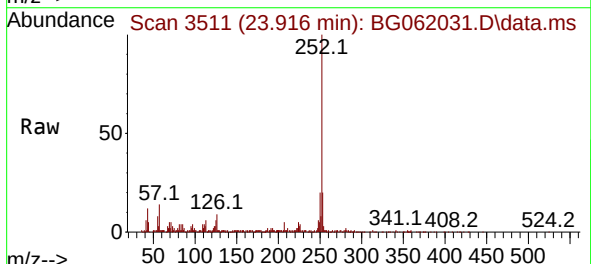
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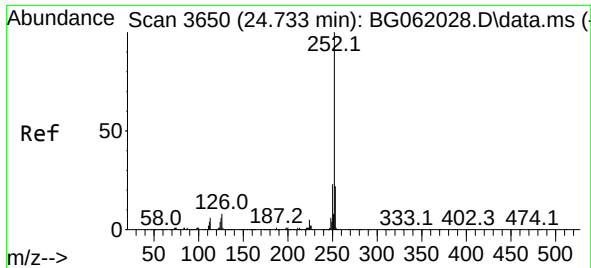
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



#91
Benzo(k)fluoranthene
Concen: 6.811 ng/ul m
RT: 23.916 min Scan# 3511
Delta R.T. -0.006 min
Lab File: BG062031.D
Acq: 12 Jul 2024 6:40

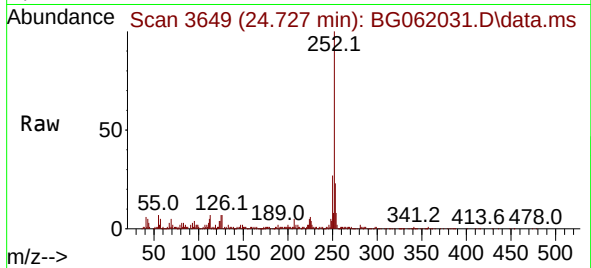
Tgt Ion:252 Resp: 180738
Ion Ratio Lower Upper
252 100
253 19.9 19.3 28.9
125 6.4 6.3 9.5





#93
Benzo(a)pyrene
Concen: 9.918 ng/ul
RT: 24.727 min Scan# 30
Delta R.T. 0.000 min
Lab File: BG062031.D
Acq: 12 Jul 2024 6:40

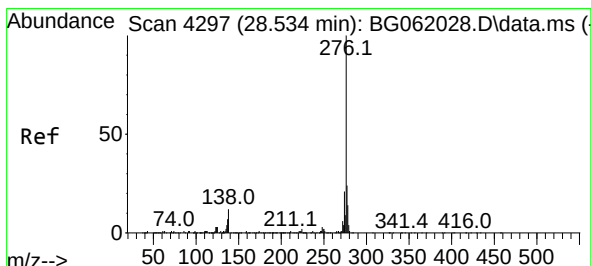
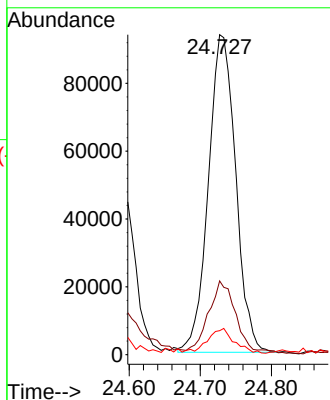
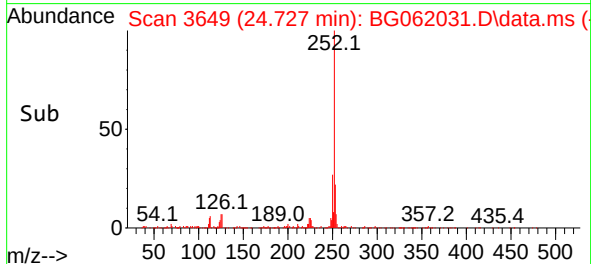
Instrument :
BNA_G
ClientSampleId :
A4CB3



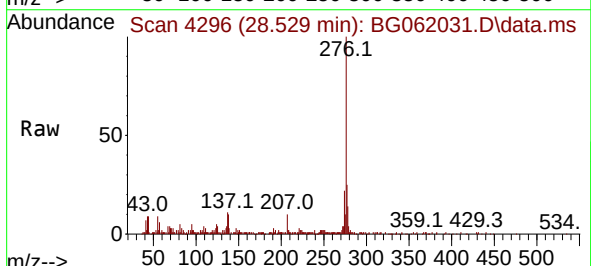
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Ion Ratio Lower Upper
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253 23.1 16.5 24.7
125 7.5 7.4 11.2

Manual Integrations
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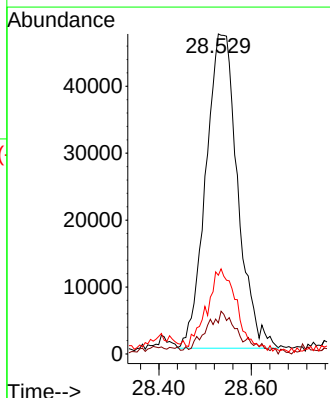
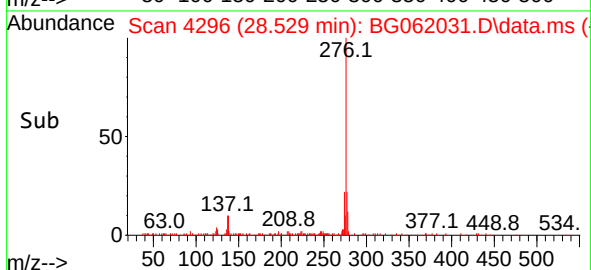
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024

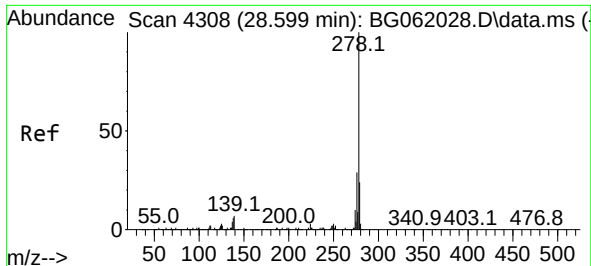


#94
Indeno(1,2,3-cd)pyrene
Concen: 6.987 ng/ul m
RT: 28.529 min Scan# 4296
Delta R.T. -0.006 min
Lab File: BG062031.D
Acq: 12 Jul 2024 6:40



Tgt Ion:276 Resp: 224979
Ion Ratio Lower Upper
276 100
138 9.7 11.9 17.9#
277 24.6 19.3 28.9





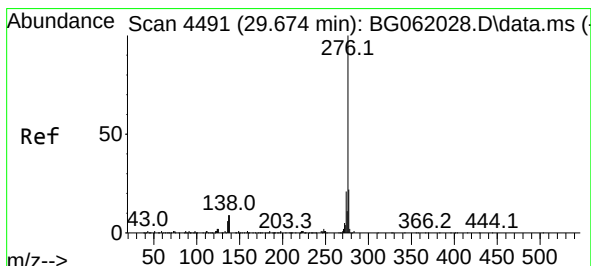
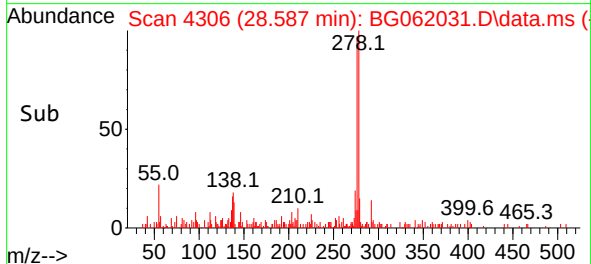
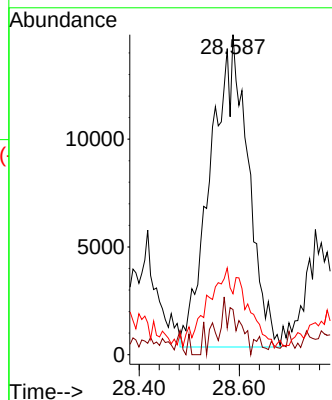
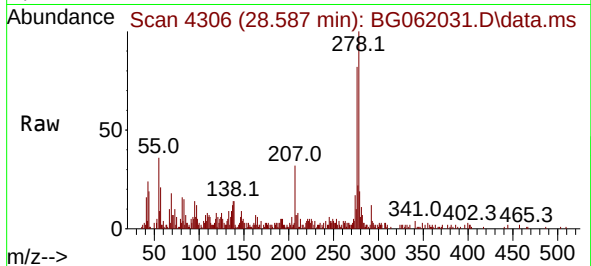
#95
Dibenzo(a,h)anthracene
Concen: 2.823 ng/ul m
RT: 28.587 min Scan# 4308
Delta R.T. -0.006 min
Lab File: BG062031.D
Acq: 12 Jul 2024 6:40

Instrument :
BNA_G
ClientSampleId :
A4CB3

Tgt Ion:278 Resp: 7508
Ion Ratio Lower Upper
278 100
139 14.1 7.6 11.4
279 19.1 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



#96
Benzo(g,h,i)perylene
Concen: 5.380 ng/ul m
RT: 29.674 min Scan# 4491
Delta R.T. 0.006 min
Lab File: BG062031.D
Acq: 12 Jul 2024 6:40

Tgt Ion:276 Resp: 137836
Ion Ratio Lower Upper
276 100
138 12.3 11.1 16.7
277 17.3 18.8 28.2#

