

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061518.D
 Acq On : 6 Jun 2024 20:27
 Operator : MA/JU
 Sample : P2739-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E0002

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 23:01:45 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	29749	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	105411	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.509	164	72744	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.259	188	166096	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	186382	20.000	ng/u1	0.00
88) Perylene-d12	24.609	264	208747	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	2724m	5.124	ng/uL	0.00
4) Pyridine-d5	3.763	84	6851	3.623	ng/u1	0.00
7) Phenol-d5	7.071	99	61870	25.325	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.206	67	38724	25.219	ng/u1	0.00
11) 2-Chlorophenol-d4	7.423	132	52252	28.900	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	46089	22.125	ng/u1	0.00
21) Nitrobenzene-d5	9.033	128	25837	31.835	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	30161	31.754	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	57734	31.178	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	58181	24.016	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	179626	31.838	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	194006	33.076	ng/u1	0.00
54) 4-Nitrophenol-d4	14.756	143	18601m	26.667	ng/u1	0.00
60) Fluorene-d10	15.502	176	155276	31.878	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	21662	21.563	ng/u1	0.00
73) Anthracene-d10	17.359	188	247797	33.840	ng/u1	0.00
81) Pyrene-d10	19.656	212	275991	28.840	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.398	264	240616	23.976	ng/u1	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.300	178	13243	1.643	ng/u1	96
80) Fluoranthene	19.321	202	57413	5.001	ng/u1#	98
82) Pyrene	19.686	202	45647	3.831	ng/u1	98
85) Benzo(a)anthracene	21.495	228	37990	2.954	ng/u1	98
87) Chrysene	21.560	228	39110	3.303	ng/u1	94
90) Benzo(b)fluoranthene	23.634	252	60253	4.848	ng/u1	99
91) Benzo(k)fluoranthene	23.687	252	24326m	1.928	ng/u1	
93) Benzo(a)pyrene	24.462	252	23030	1.951	ng/u1#	84
94) Indeno(1,2,3-cd)pyrene	28.117	276	25522m	1.788	ng/u1	

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

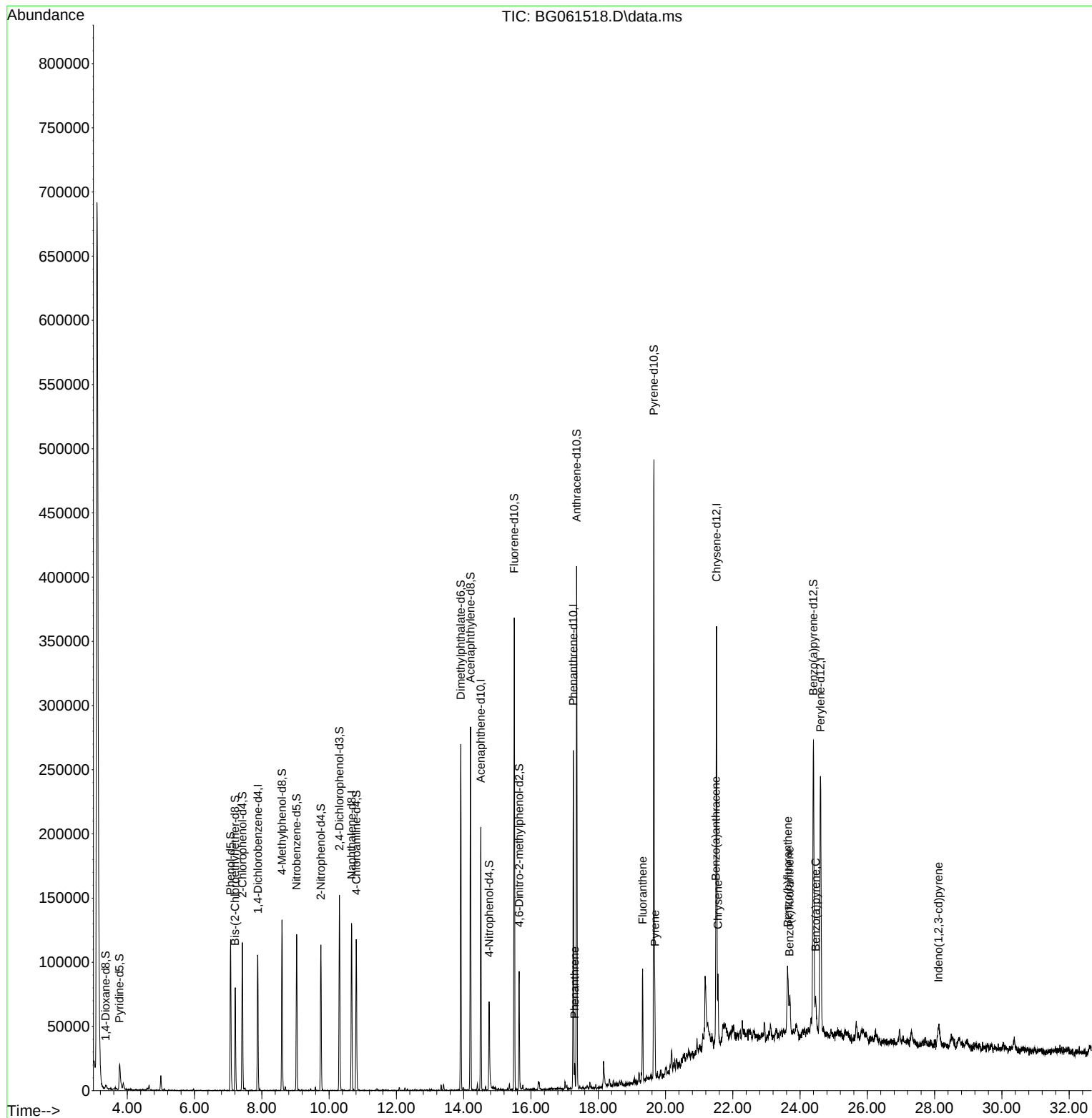
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061518.D
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 Operator : MA/JU
 Sample : P2739-01
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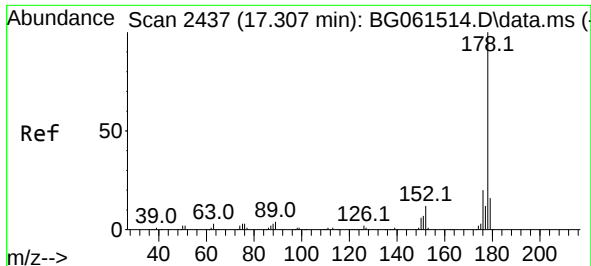
Instrument :
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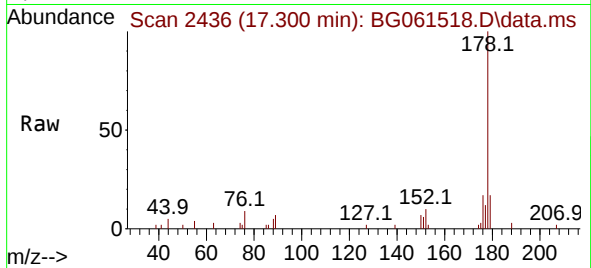
Quant Time: Jun 06 23:01:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 1.643 ng/ul
RT: 17.300 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BG061518.D
Acq: 6 Jun 2024 20:27

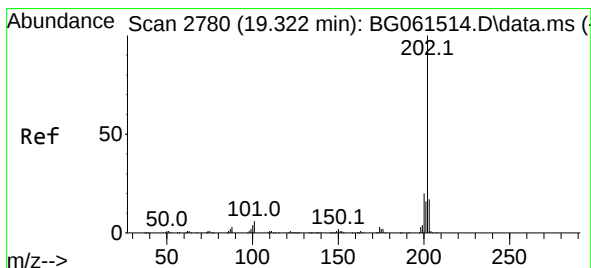
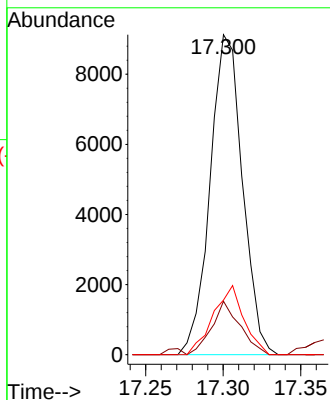
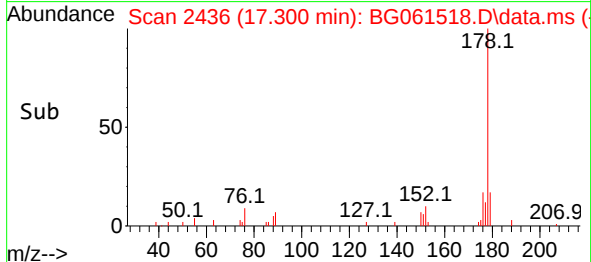
Instrument :
BNA_G
ClientSampleId :
E0002



Tgt Ion:178 Resp: 1324
Ion Ratio Lower Upper
178 100
179 16.7 12.7 19.1
176 17.0 15.5 23.3

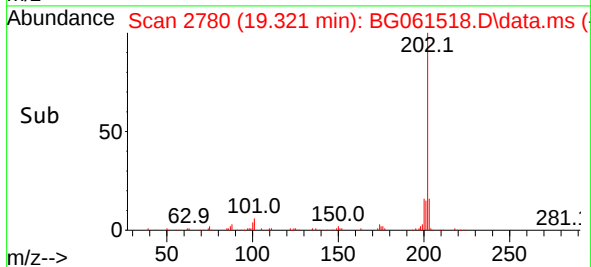
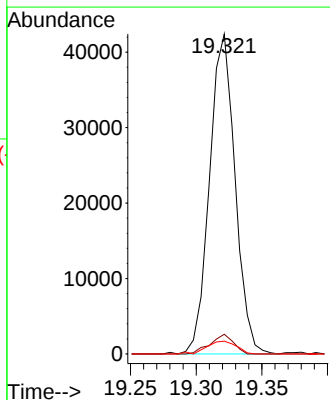
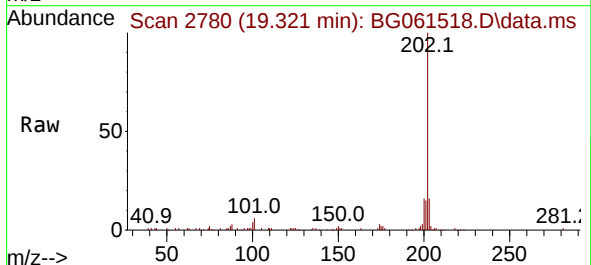
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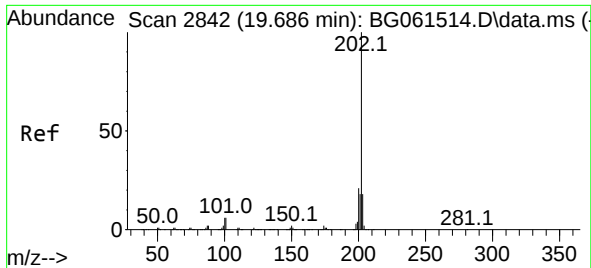
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#80
Fluoranthene
Concen: 5.001 ng/ul
RT: 19.321 min Scan# 2780
Delta R.T. -0.000 min
Lab File: BG061518.D
Acq: 6 Jun 2024 20:27

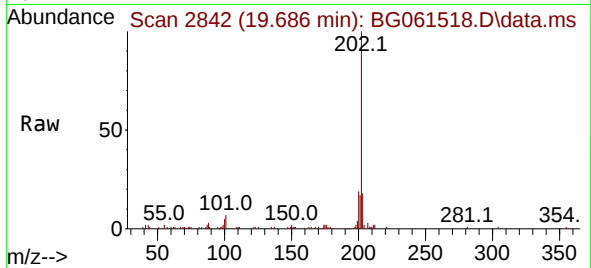
Tgt Ion:202 Resp: 57413
Ion Ratio Lower Upper
202 100
101 6.1 4.8 7.2
100 4.0 4.1 6.1#





#82
 Pyrene
 Concen: 3.831 ng/ul
 RT: 19.686 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG061518.D
 Acq: 6 Jun 2024 20:27

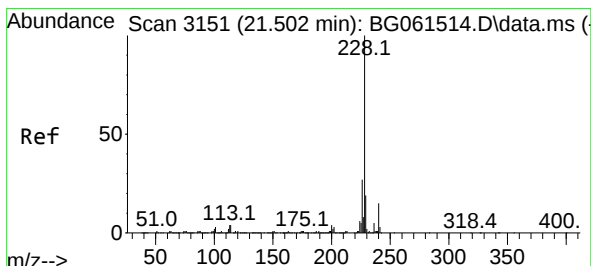
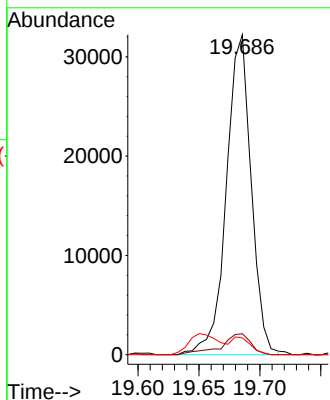
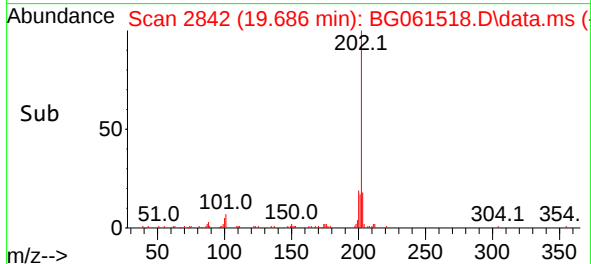
Instrument :
 BNA_G
 ClientSampleId :
 E0002



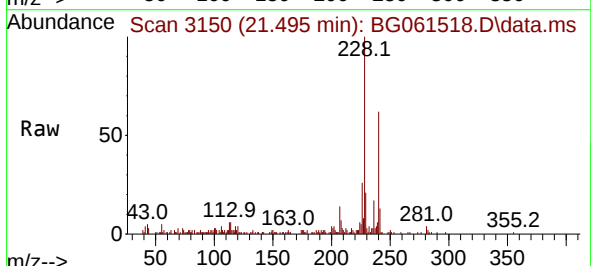
Tgt Ion:202 Resp: 4564
 Ion Ratio Lower Upper
 202 100
 101 6.6 5.7 8.5
 100 5.2 5.1 7.7

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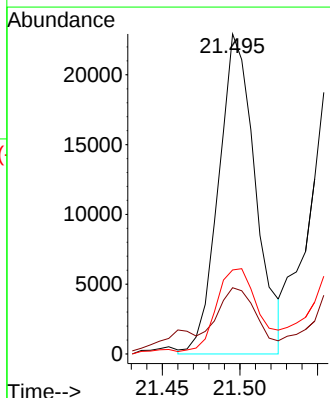
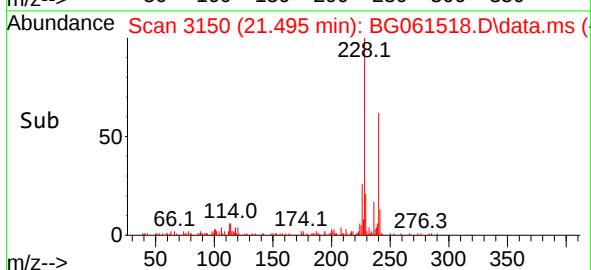
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

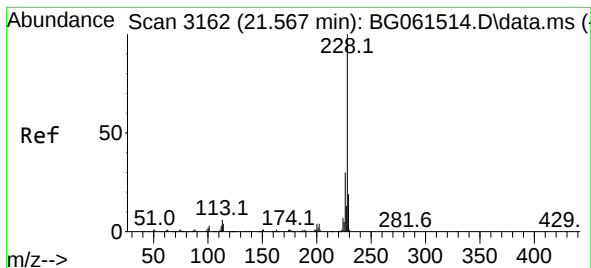


#85
 Benzo(a)anthracene
 Concen: 2.954 ng/ul
 RT: 21.495 min Scan# 3150
 Delta R.T. -0.006 min
 Lab File: BG061518.D
 Acq: 6 Jun 2024 20:27



Tgt Ion:228 Resp: 37990
 Ion Ratio Lower Upper
 228 100
 229 20.7 15.2 22.8
 226 26.2 21.4 32.2





#87

Chrysene

Concen: 3.303 ng/ul

RT: 21.560 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BG061518.D

Acq: 6 Jun 2024 20:27

Instrument :

BNA_G

ClientSampleId :

E0002

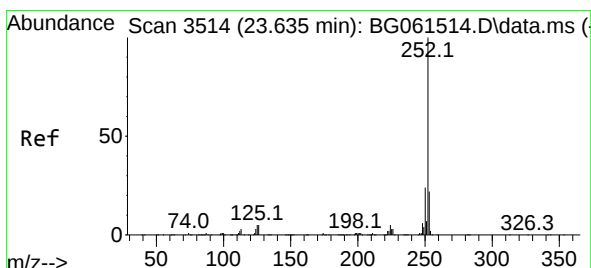
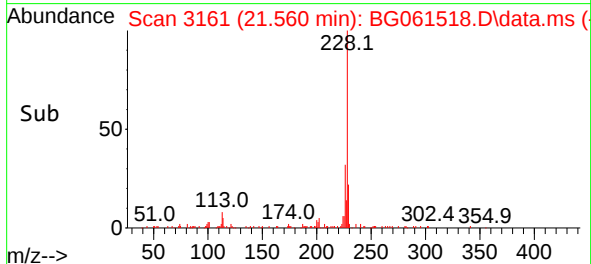
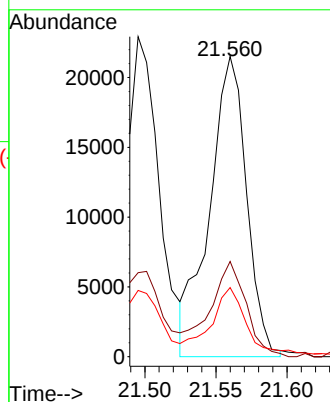
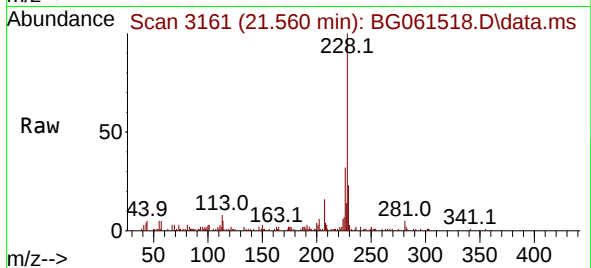
Tgt Ion:228 Resp: 39110

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.4	35.0
229	23.0	15.4	23.2

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#90

Benzo(b)fluoranthene

Concen: 4.848 ng/ul

RT: 23.634 min Scan# 3514

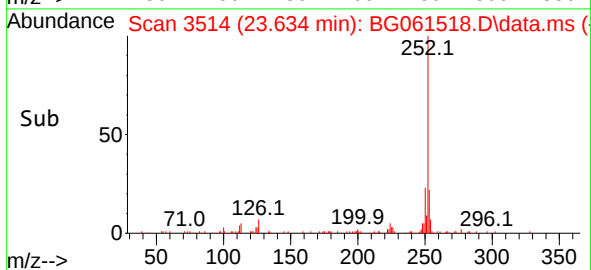
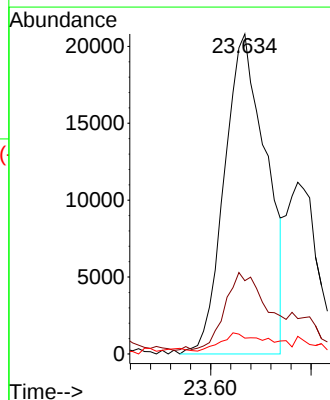
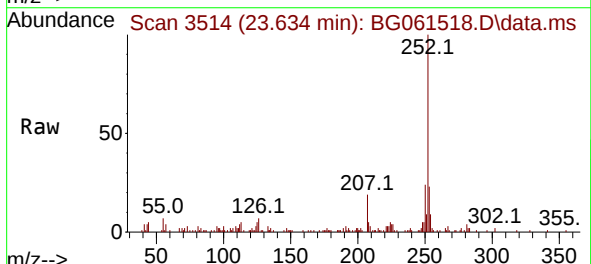
Delta R.T. -0.000 min

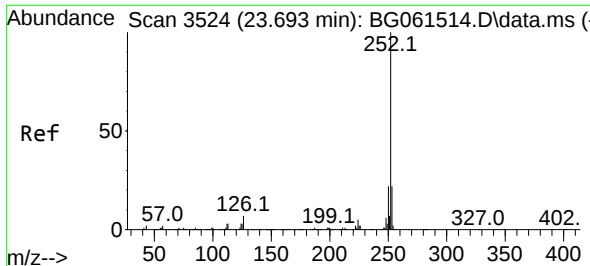
Lab File: BG061518.D

Acq: 6 Jun 2024 20:27

Tgt Ion:252 Resp: 60253

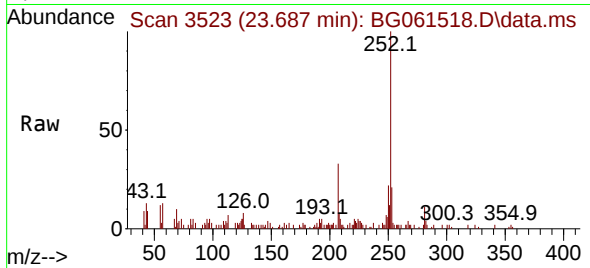
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	4.9	4.6	6.8





#91
Benzo(k)fluoranthene
Concen: 1.928 ng/ul m
RT: 23.687 min Scan# 3524
Delta R.T. -0.012 min
Lab File: BG061518.D
Acq: 6 Jun 2024 20:27

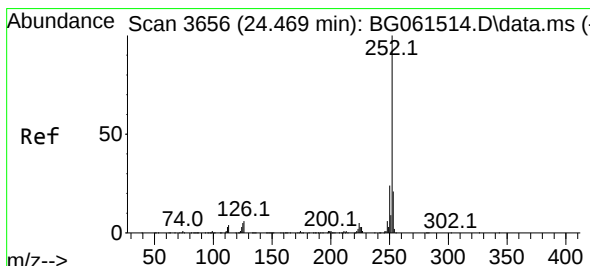
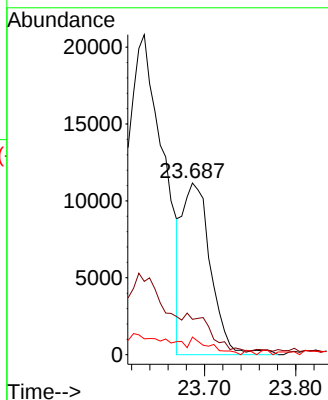
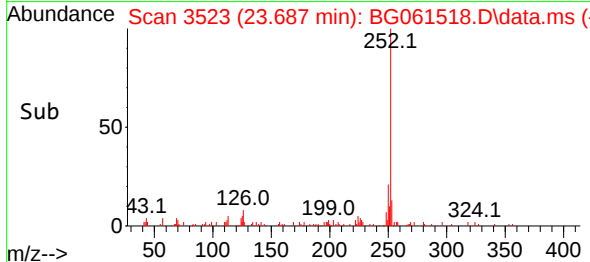
Instrument :
BNA_G
ClientSampleId :
E0002



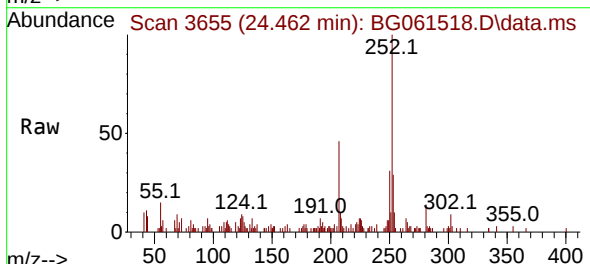
Tgt Ion:252 Resp: 24320
Ion Ratio Lower Upper
252 100
253 20.6 16.0 24.0
125 5.2 4.3 6.5

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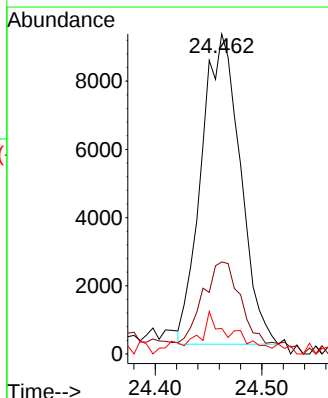
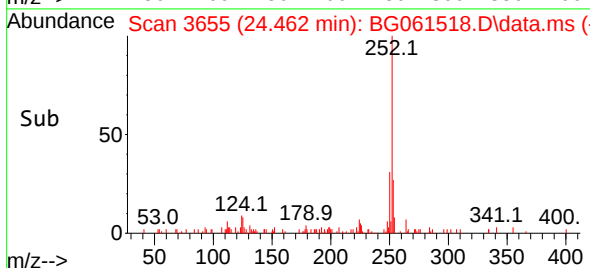
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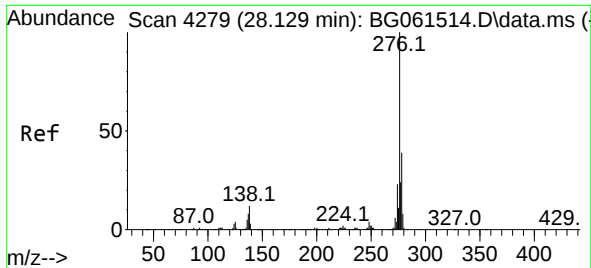


#93
Benzo(a)pyrene
Concen: 1.951 ng/ul
RT: 24.462 min Scan# 3655
Delta R.T. -0.006 min
Lab File: BG061518.D
Acq: 6 Jun 2024 20:27



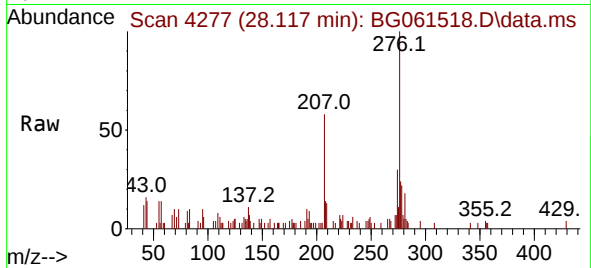
Tgt Ion:252 Resp: 23030
Ion Ratio Lower Upper
252 100
253 28.7 16.4 24.6#
125 7.9 4.3 6.5#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.788 ng/ul m
 RT: 28.117 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: BG061518.D
 Acq: 6 Jun 2024 20:27

Instrument :
 BNA_G
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Tgt Ion:276 Resp: 2552
 Ion Ratio Lower Upper
 276 100
 138 7.2 8.6 13.0
 277 24.3 19.7 29.5

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