

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
 Data File : BG061619.D
 Acq On : 21 Jun 2024 14:07
 Operator : MA/JU
 Sample : P2754-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BP5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 14:50:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	44253	20.000	ng/u1	0.00
20) Naphthalene-d8	10.885	136	214659	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	148562	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.442	188	374572	20.000	ng/u1	0.00
79) Chrysene-d12	21.708	240	337736	20.000	ng/u1	0.00
88) Perylene-d12	24.927	264	405666	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	5951	4.858	ng/uL	0.00
4) Pyridine-d5	3.887	84	86619	23.387	ng/u1	0.00
7) Phenol-d5	7.207	99	116819	24.317	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	74121	24.750	ng/u1	0.00
11) 2-Chlorophenol-d4	7.595	132	82642	25.068	ng/u1	0.00
15) 4-Methylphenol-d8	8.758	113	91594	24.663	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	39201	26.896	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	40231	27.253	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.491	165	89121	25.496	ng/u1	0.00
31) 4-Chloroaniline-d4	11.014	131	125465	23.708	ng/u1	0.00
46) Dimethylphthalate-d6	14.105	166	312478	27.333	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	362999	28.973	ng/u1	0.00
54) 4-Nitrophenol-d4	14.863	143	48219	24.559	ng/u1	0.00
60) Fluorene-d10	15.691	176	294226	29.398	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200	33742	21.066	ng/u1	0.00
73) Anthracene-d10	17.542	188	486619	28.461	ng/u1	0.00
81) Pyrene-d10	19.822	212	569792	30.203	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.710	264	561911	29.002	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.483	178	56115	2.848	ng/u1	97
80) Fluoranthene	19.487	202	74695	3.412	ng/u1	99
82) Pyrene	19.851	202	77267	3.320	ng/u1#	95
85) Benzo(a)anthracene	21.684	228	32245	1.360	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.620	149	32211	2.586	ng/u1	99
87) Chrysene	21.749	228	35447	1.580	ng/u1	94
90) Benzo(b)fluoranthene	23.911	252	41622	1.707	ng/u1#	95
93) Benzo(a)pyrene	24.775	252	30116m	1.283	ng/u1	

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

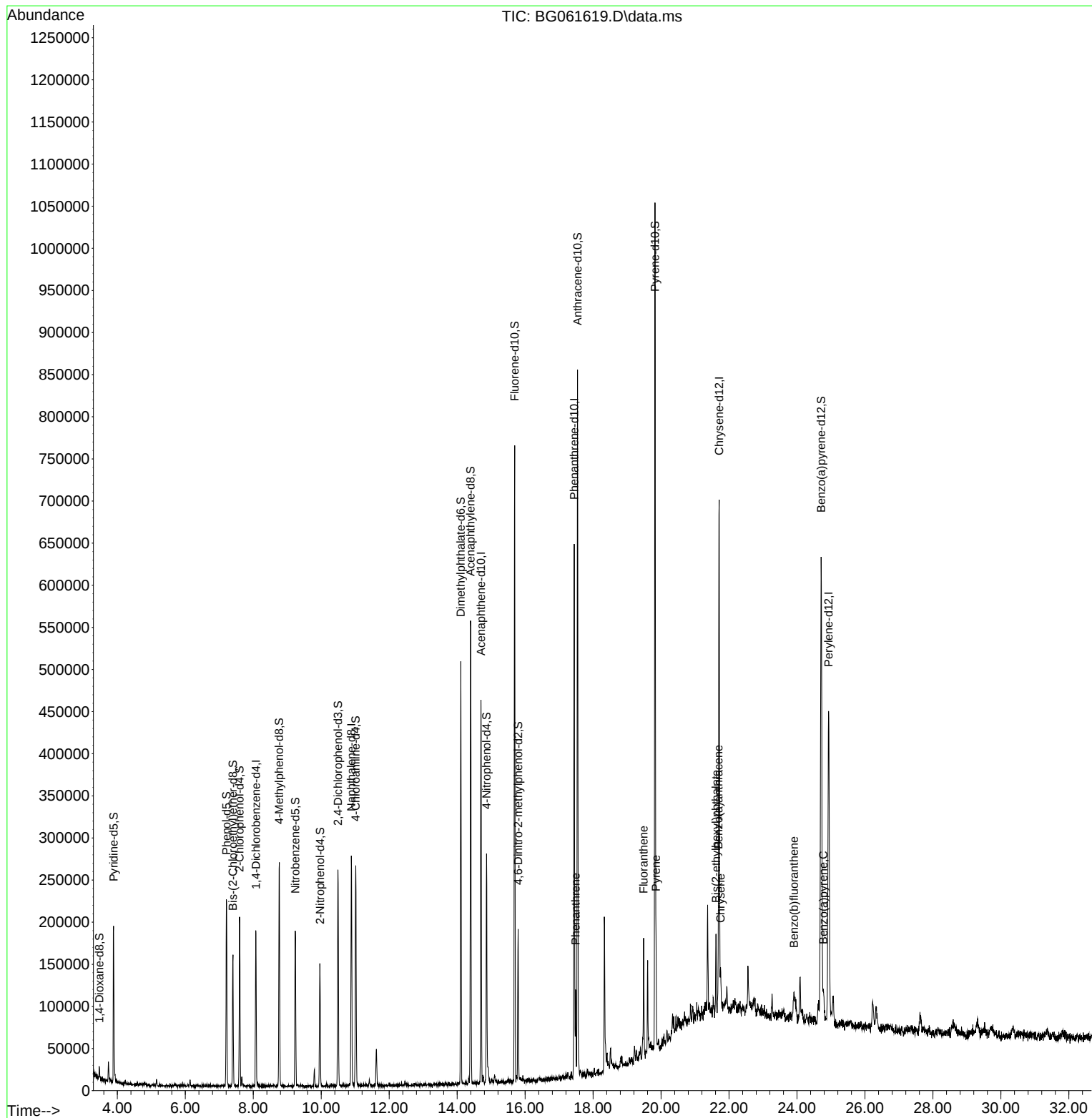
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061619.D
Acq On : 21 Jun 2024 14:07
Operator : MA/JU
Sample : P2754-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

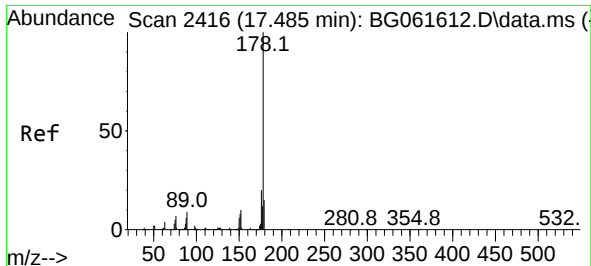
Instrument :
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Supervised By :mohammad ahmed 06/24/2024

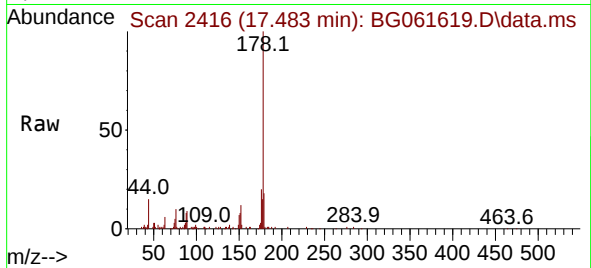
Quant Time: Jun 21 14:50:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.848 ng/ul
RT: 17.483 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BG061619.D
Acq: 21 Jun 2024 14:07

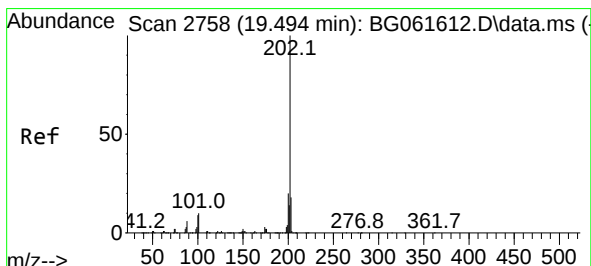
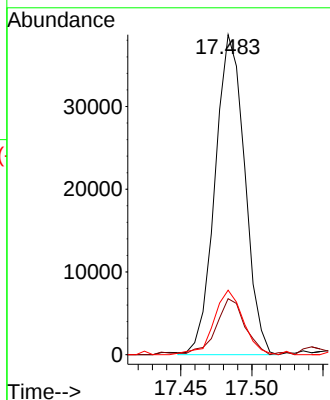
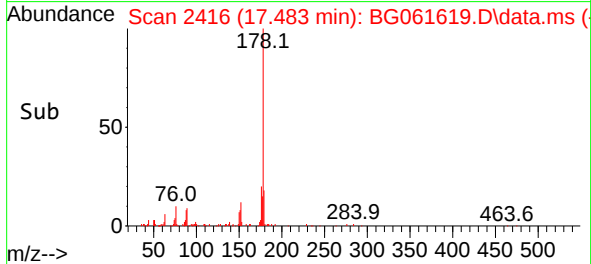
Instrument :
BNA_G
ClientSampleId :
A4BP5



Tgt Ion:178 Resp: 5611
Ion Ratio Lower Upper
178 100
179 17.5 12.0 18.0
176 20.2 16.2 24.2

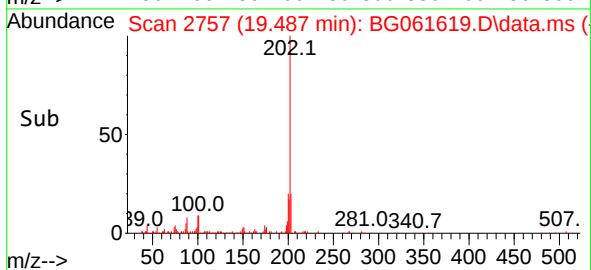
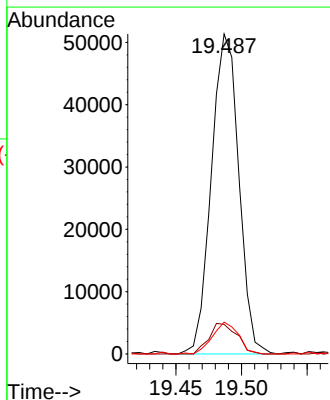
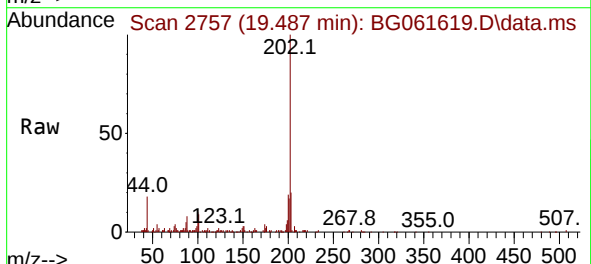
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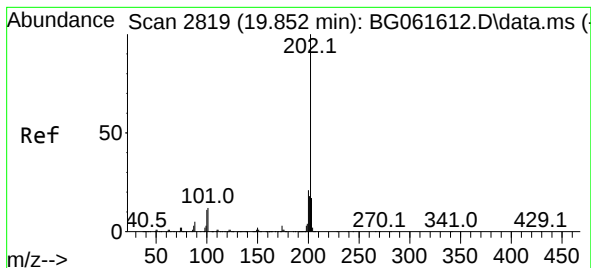
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#80
Fluoranthene
Concen: 3.412 ng/ul
RT: 19.487 min Scan# 2757
Delta R.T. -0.006 min
Lab File: BG061619.D
Acq: 21 Jun 2024 14:07

Tgt Ion:202 Resp: 74695
Ion Ratio Lower Upper
202 100
101 9.3 7.8 11.6
100 10.0 7.7 11.5





#82

Pyrene

Concen: 3.320 ng/ul

RT: 19.851 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG061619.D

Acq: 21 Jun 2024 14:07

Instrument :

BNA_G

ClientSampleId :

A4BP5

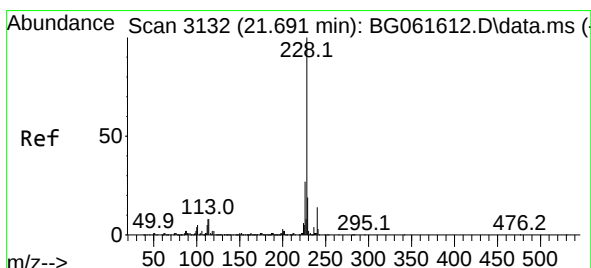
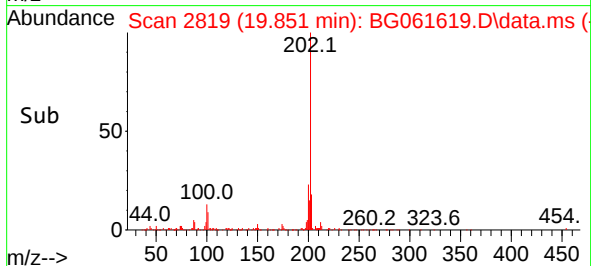
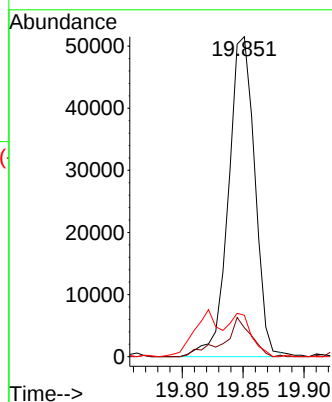
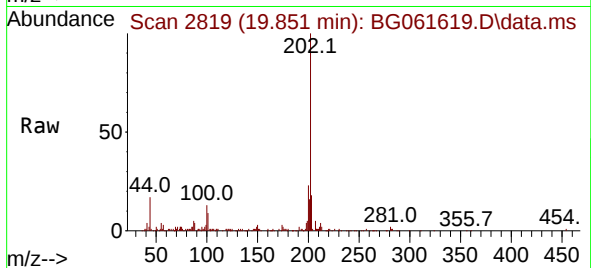
Tgt Ion:	202	Resp:	7726
Ion Ratio	Lower	Upper	
202	100		
101	9.1	10.1	15.1
100	13.0	9.9	14.9

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#85

Benzo(a)anthracene

Concen: 1.360 ng/ul

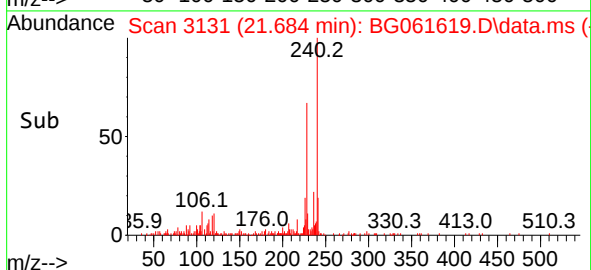
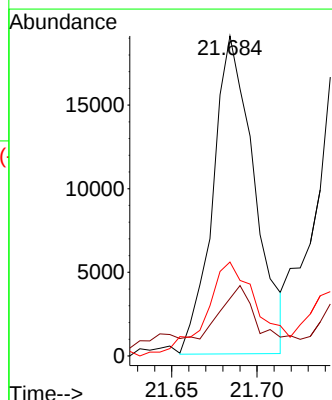
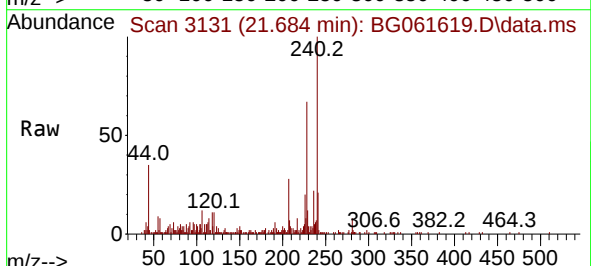
RT: 21.684 min Scan# 3131

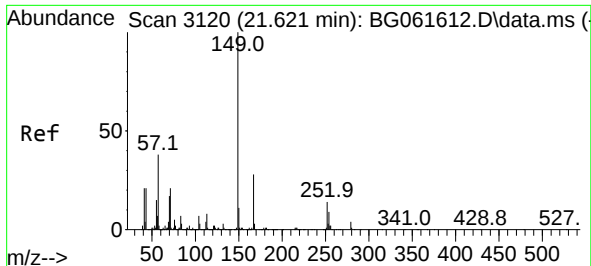
Delta R.T. -0.006 min

Lab File: BG061619.D

Acq: 21 Jun 2024 14:07

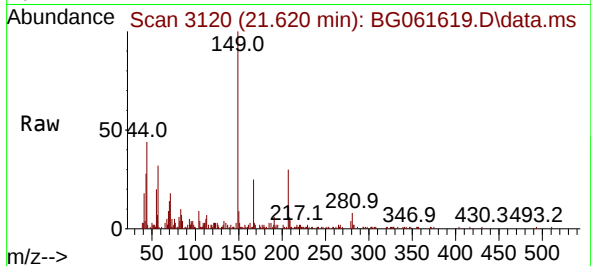
Tgt Ion:	228	Resp:	32245
Ion Ratio	Lower	Upper	
228	100		
229	17.9	15.8	23.8
226	29.4	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.586 ng/ul
RT: 21.620 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BG061619.D
Acq: 21 Jun 2024 14:07

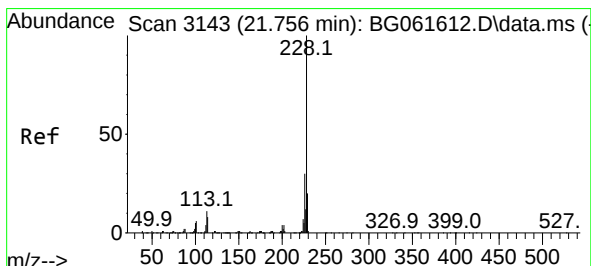
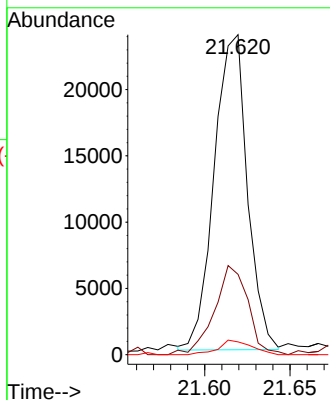
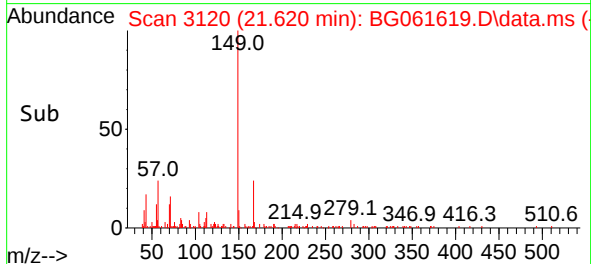
Instrument :
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ClientSampleId :
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Tgt Ion:149 Resp: 3221
Ion Ratio Lower Upper
149 100
167 25.1 20.5 30.7
279 4.0 2.9 4.3

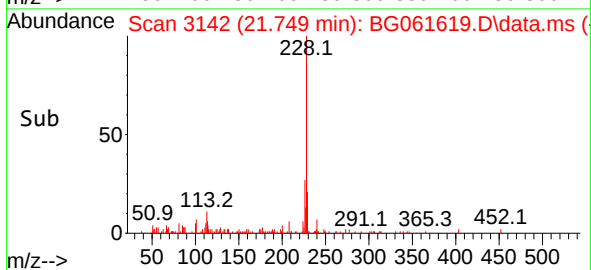
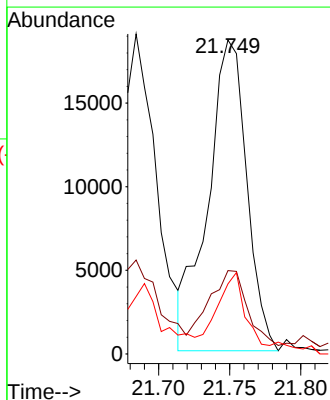
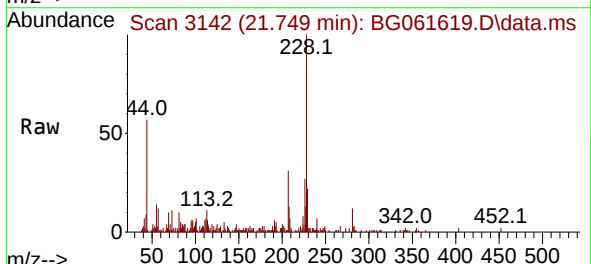
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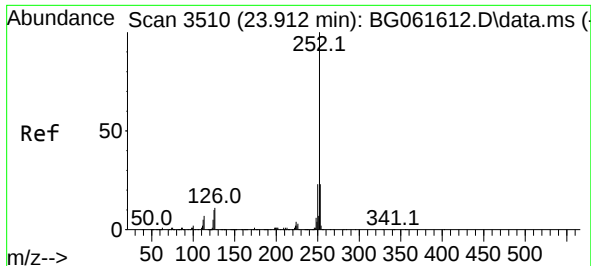
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#87
Chrysene
Concen: 1.580 ng/ul
RT: 21.749 min Scan# 3142
Delta R.T. -0.012 min
Lab File: BG061619.D
Acq: 21 Jun 2024 14:07

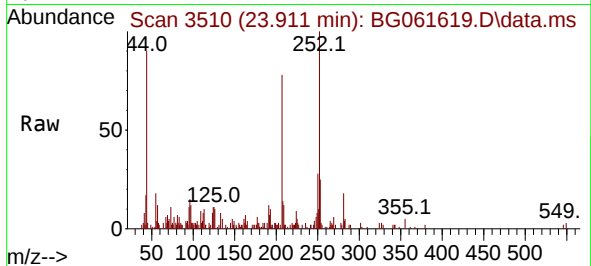
Tgt Ion:228 Resp: 35447
Ion Ratio Lower Upper
228 100
226 26.5 24.2 36.2
229 22.3 16.5 24.7





#90
Benzo(b)fluoranthene
Concen: 1.707 ng/ul
RT: 23.911 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BG061619.D
Acq: 21 Jun 2024 14:07

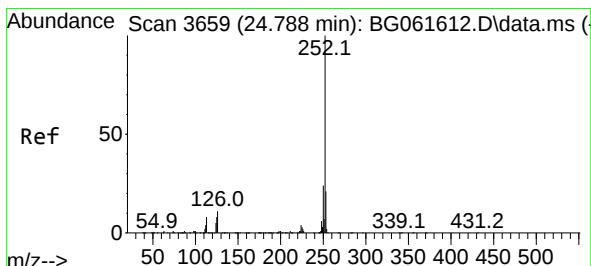
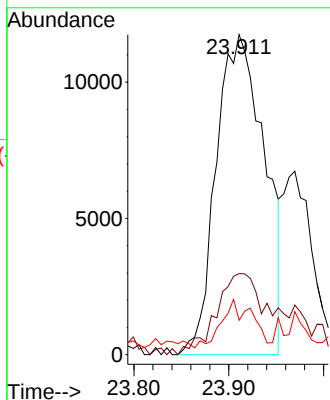
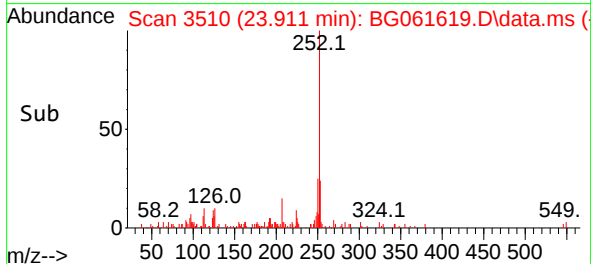
Instrument :
BNA_G
ClientSampleId :
A4BP5



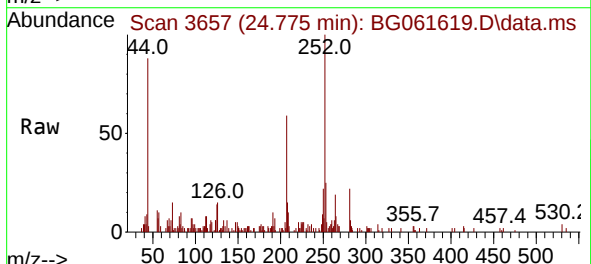
Tgt Ion:252 Resp: 4162
Ion Ratio Lower Upper
252 100
253 25.4 18.6 27.8
125 10.7 7.0 10.6

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#93
Benzo(a)pyrene
Concen: 1.283 ng/ul m
RT: 24.775 min Scan# 3657
Delta R.T. -0.017 min
Lab File: BG061619.D
Acq: 21 Jun 2024 14:07



Tgt Ion:252 Resp: 30116
Ion Ratio Lower Upper
252 100
253 25.3 16.8 25.2#
125 14.3 6.5 9.7#

