

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
 Data File : BG061622.D
 Acq On : 21 Jun 2024 16:10
 Operator : MA/JU
 Sample : P2754-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BP8

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 23:31:14 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	8.071	152	54721	20.000	ng/u1	0.00
20) Naphthalene-d8	10.885	136	257944	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	183832	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.442	188	431736	20.000	ng/u1	0.00
79) Chrysene-d12	21.708	240	381819	20.000	ng/u1	0.00
88) Perylene-d12	24.933	264	455468	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	7509	4.957	ng/uL	0.00
4) Pyridine-d5	3.899	84	6061	1.323	ng/u1	0.01
7) Phenol-d5	7.213	99	150948	25.410	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	90525	24.445	ng/u1	0.00
11) 2-Chlorophenol-d4	7.601	132	106139	26.037	ng/u1	0.00
15) 4-Methylphenol-d8	8.764	113	112162	24.424	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	50138	28.627	ng/u1	0.00
24) 2-Nitrophenol-d4	9.962	143	52056	29.346	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.491	165	109213	26.001	ng/u1	0.00
31) 4-Chloroaniline-d4	11.014	131	118329	18.607	ng/u1	0.00
46) Dimethylphthalate-d6	14.105	166	365263	25.820	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	436184	28.135	ng/u1	0.00
54) 4-Nitrophenol-d4	14.868	143	56078	23.081	ng/u1	0.00
60) Fluorene-d10	15.691	176	353857	28.572	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200	40772	22.085	ng/u1	0.00
73) Anthracene-d10	17.542	188	554120	28.118	ng/u1	0.00
81) Pyrene-d10	19.821	212	560820	26.295	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.704	264	417458	19.190	ng/u1	-0.02
Target Compounds					Qvalue	
16) Acetophenone	8.899	105	8969	1.186	ng/u1#	83
72) Phenanthrene	17.483	178	71846	3.163	ng/u1	98
80) Fluoranthene	19.487	202	103677	4.190	ng/u1	96
82) Pyrene	19.851	202	87848	3.339	ng/u1	99
85) Benzo(a)anthracene	21.684	228	50942	1.901	ng/u1	94
86) Bis(2-ethylhexyl)phtha...	21.613	149	51699	3.671	ng/u1	99
87) Chrysene	21.749	228	55500	2.188	ng/u1	95
90) Benzo(b)fluoranthene	23.905	252	68145m	2.489	ng/u1	

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

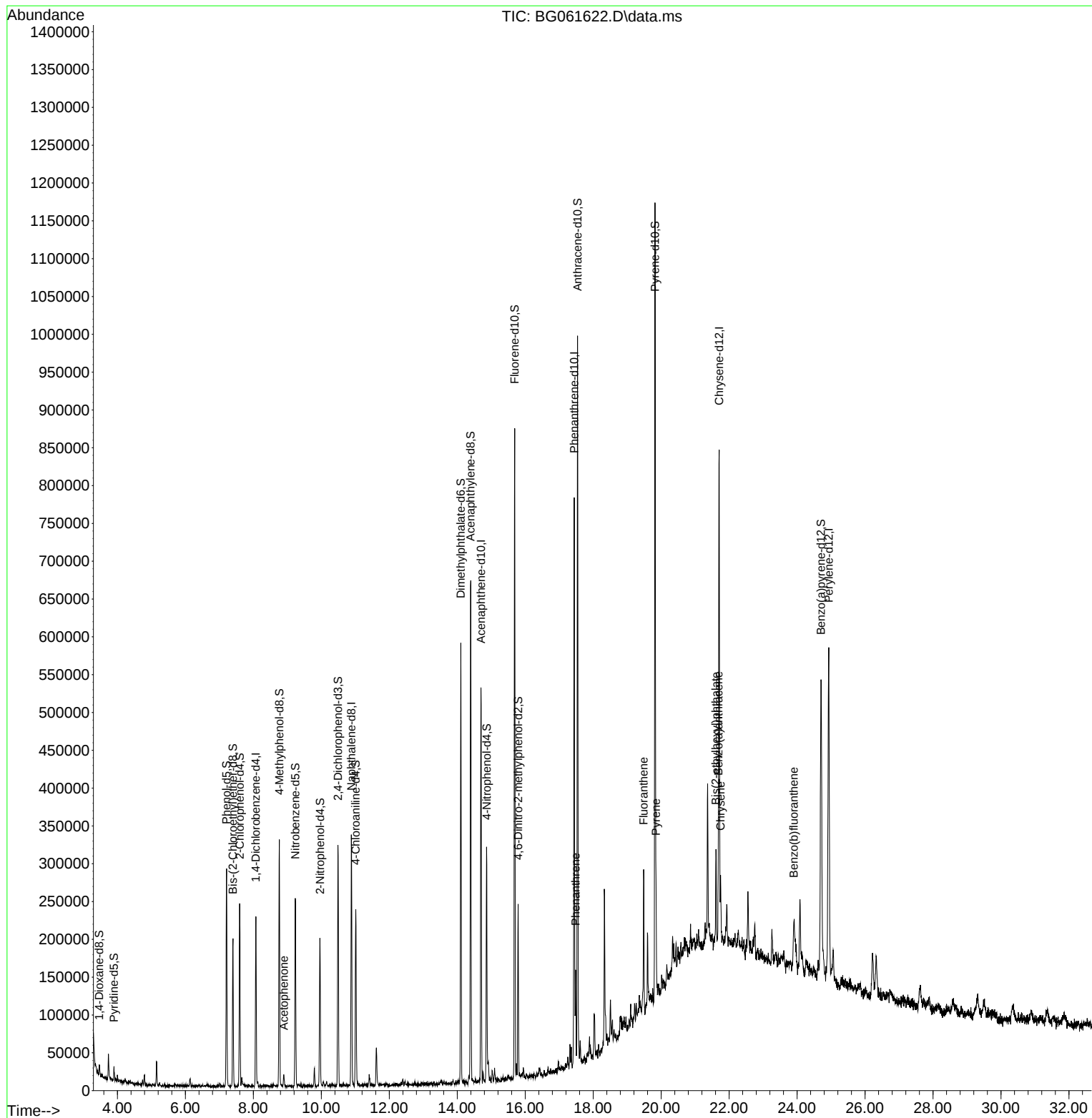
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061622.D
Acq On : 21 Jun 2024 16:10
Operator : MA/JU
Sample : P2754-09
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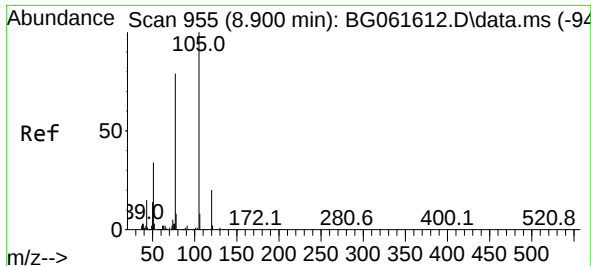
Instrument :
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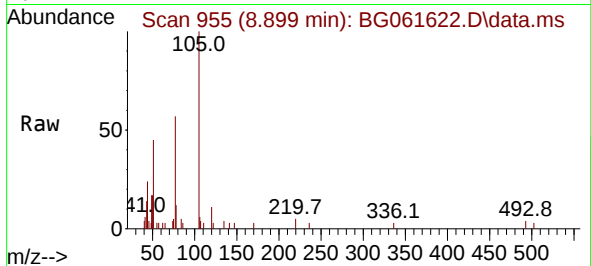
Quant Time: Jun 21 23:31:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.186 ng/ul
RT: 8.899 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG061622.D
Acq: 21 Jun 2024 16:10

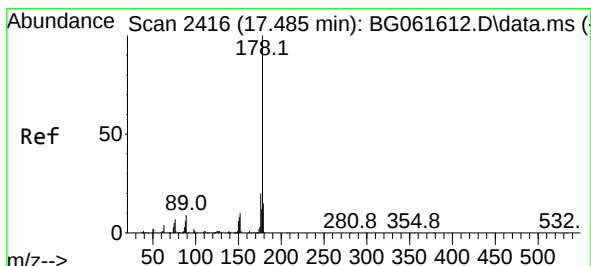
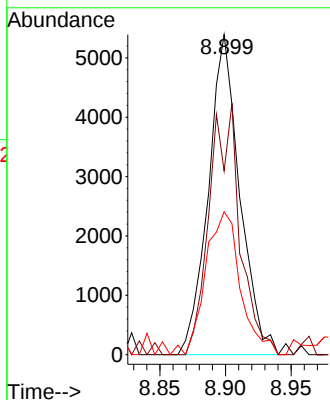
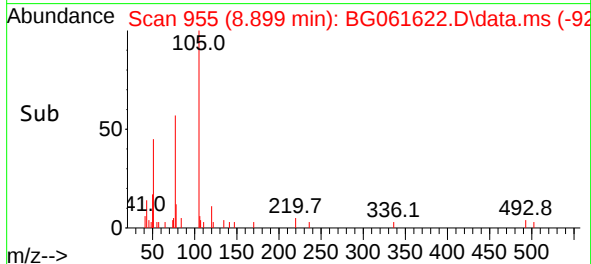
Instrument :
BNA_G
ClientSampleId :
A4BP8



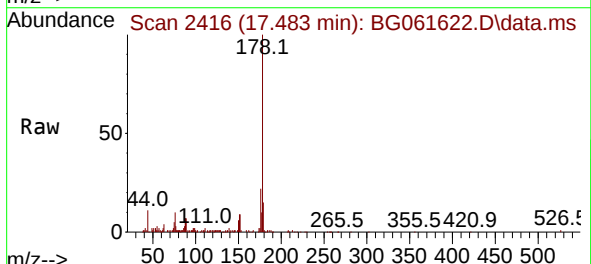
Tgt Ion:105 Resp: 896
Ion Ratio Lower Upper
105 100
77 57.4 60.4 90.6
51 44.7 31.1 46.7

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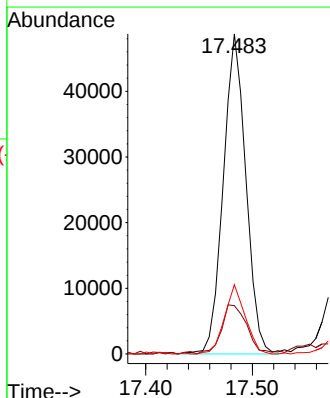
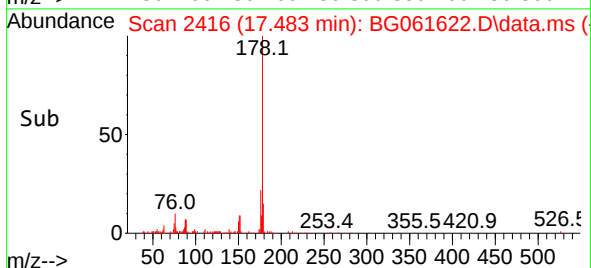
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

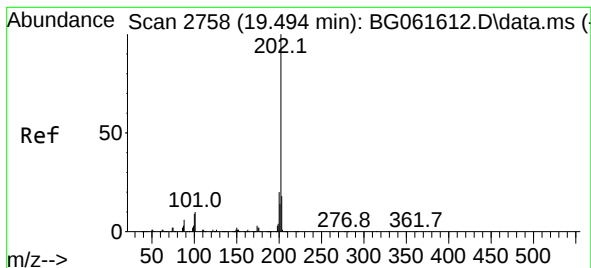


#72
Phenanthrene
Concen: 3.163 ng/ul
RT: 17.483 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BG061622.D
Acq: 21 Jun 2024 16:10



Tgt Ion:178 Resp: 71846
Ion Ratio Lower Upper
178 100
179 15.1 12.0 18.0
176 21.7 16.2 24.2





#80

Fluoranthene

Concen: 4.190 ng/ul

RT: 19.487 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG061622.D

Acq: 21 Jun 2024 16:10

Instrument :

BNA_G

ClientSampleId :

A4BP8

Tgt Ion:202 Resp: 10367

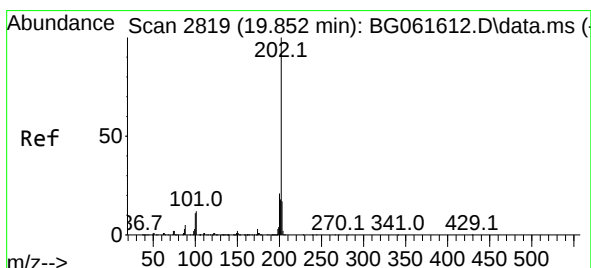
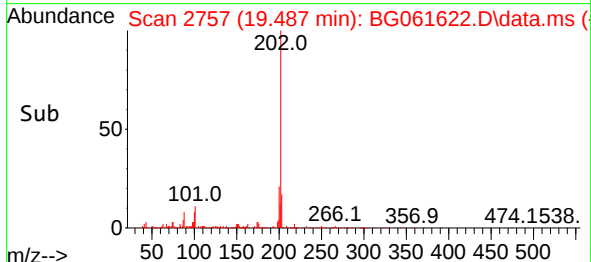
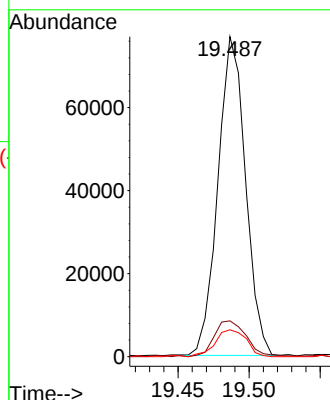
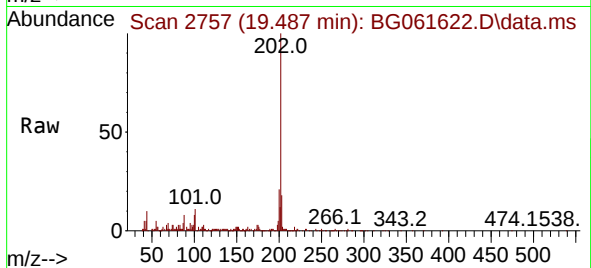
Ion	Ratio	Lower	Upper
202	100		
101	11.2	7.8	11.6
100	8.4	7.7	11.5

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#82

Pyrene

Concen: 3.339 ng/ul

RT: 19.851 min Scan# 2819

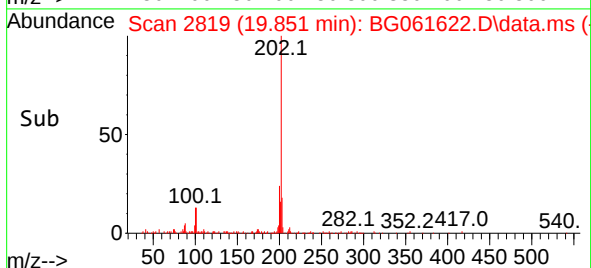
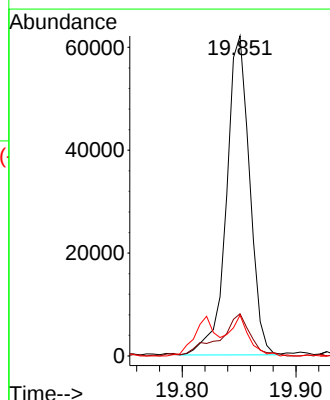
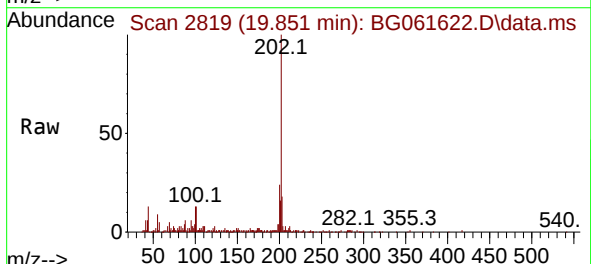
Delta R.T. 0.000 min

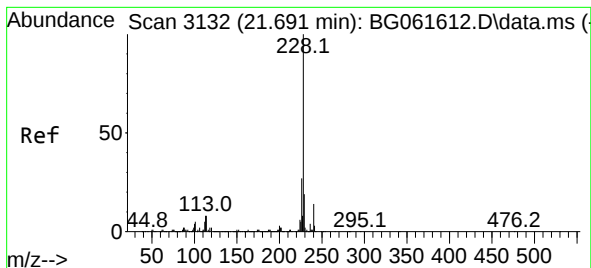
Lab File: BG061622.D

Acq: 21 Jun 2024 16:10

Tgt Ion:202 Resp: 87848

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.1	15.1
100	12.7	9.9	14.9





#85

Benzo(a)anthracene

Concen: 1.901 ng/ul

RT: 21.684 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BG061622.D

Acq: 21 Jun 2024 16:10

Instrument :

BNA_G

ClientSampleId :

A4BP8

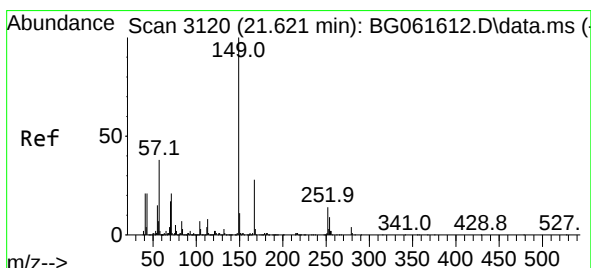
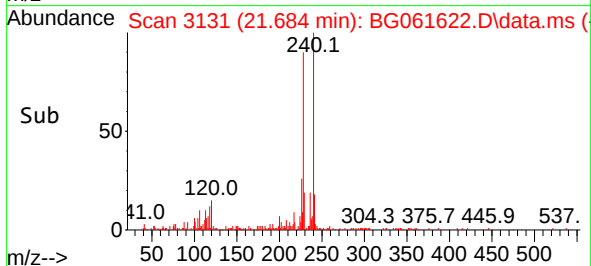
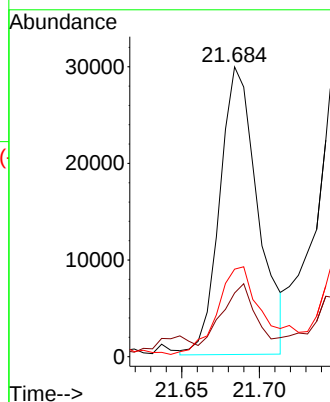
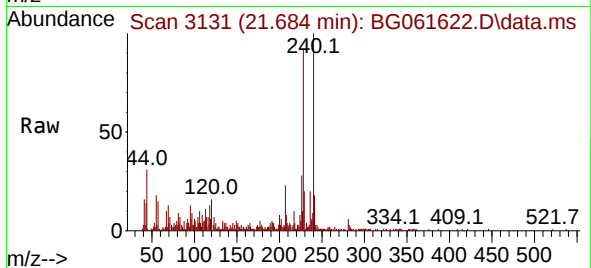
Tgt Ion:228	Resp:	5094
Ion Ratio	Lower	Upper
228	100	
229	22.0	15.8 23.8
226	30.2	21.4 32.2

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#86

Bis(2-ethylhexyl)phthalate

Concen: 3.671 ng/ul

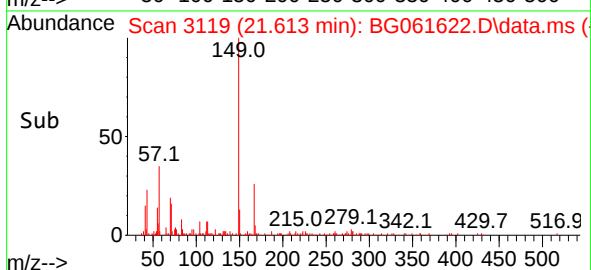
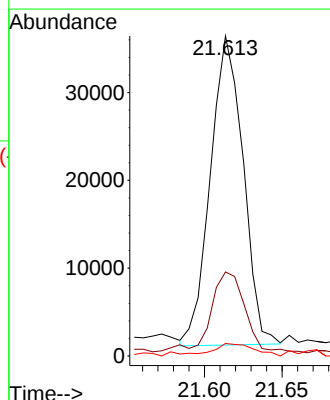
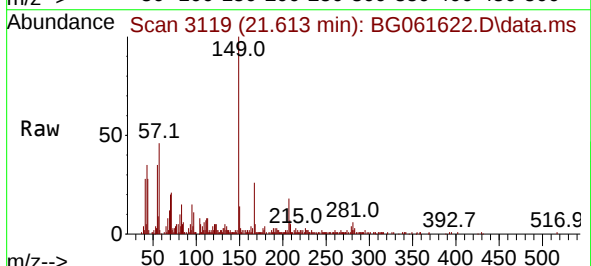
RT: 21.613 min Scan# 3119

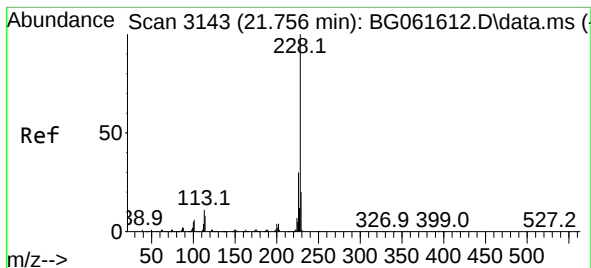
Delta R.T. -0.012 min

Lab File: BG061622.D

Acq: 21 Jun 2024 16:10

Tgt Ion:149	Resp:	51699
Ion Ratio	Lower	Upper
149	100	
167	26.3	20.5 30.7
279	3.9	2.9 4.3





#87

Chrysene

Concen: 2.188 ng/ul

RT: 21.749 min Scan# 3142

Delta R.T. -0.012 min

Lab File: BG061622.D

Acq: 21 Jun 2024 16:10

Instrument :

BNA_G

ClientSampleId :

A4BP8

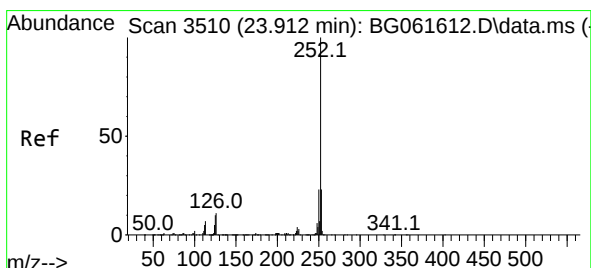
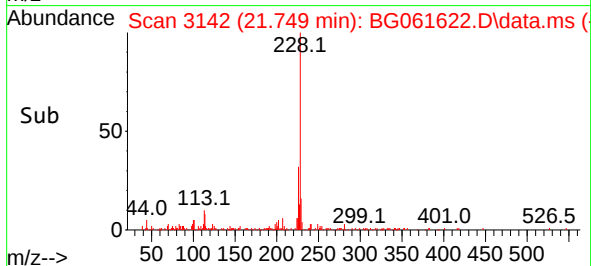
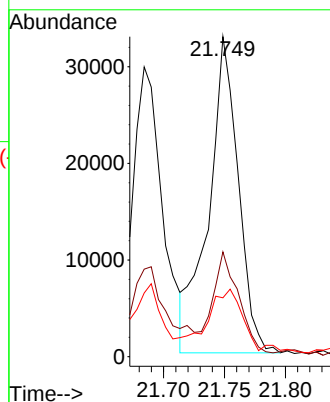
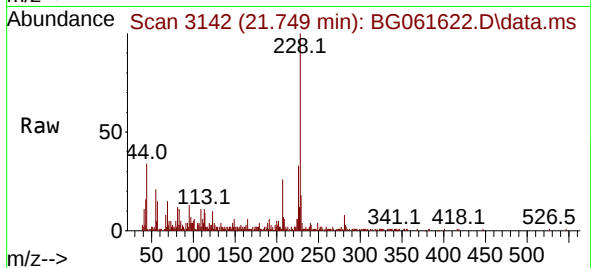
Tgt Ion:228	Resp:	55500
Ion Ratio	Lower	Upper
228	100	
226	32.8	24.2 36.2
229	18.4	16.5 24.7

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#90

Benzo(b)fluoranthene

Concen: 2.489 ng/ul m

RT: 23.905 min Scan# 3509

Delta R.T. -0.012 min

Lab File: BG061622.D

Acq: 21 Jun 2024 16:10

Tgt Ion:252	Resp:	68145
Ion Ratio	Lower	Upper
252	100	
253	18.9	18.6 27.8
125	11.2	7.0 10.6

