

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063822.D
 Acq On : 24 Dec 2024 16:43
 Operator : RC/JU
 Sample : P5333-09
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2912

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 01:31:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 00:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	117670	20.000	ng/u1	0.00
20) Naphthalene-d8	10.588	136	519714	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.436	164	399032	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	892710	20.000	ng/u1	0.00
79) Chrysene-d12	21.440	240	856527	20.000	ng/u1	0.00
88) Perylene-d12	24.448	264	894802	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	9095	3.029	ng/uL	0.00
4) Pyridine-d5	3.667	84	118404	12.500	ng/u1	0.00
7) Phenol-d5	6.986	99	168453	15.544	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.127	67	126444	16.893	ng/u1	0.00
11) 2-Chlorophenol-d4	7.339	132	111486	15.890	ng/u1	0.00
15) 4-Methylphenol-d8	8.520	113	85907	10.210	ng/u1	0.00
21) Nitrobenzene-d5	8.955	128	64577	17.402	ng/u1	0.00
24) 2-Nitrophenol-d4	9.671	143	75634	18.183	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.224	165	125614	15.598	ng/u1	0.00
31) 4-Chloroaniline-d4	10.729	131	59233	5.793	ng/u1	0.00
46) Dimethylphthalate-d6	13.843	166	453477	16.701	ng/u1	0.00
49) Acenaphthylene-d8	14.131	160	498472	16.105	ng/u1	0.00
54) 4-Nitrophenol-d4	14.683	143	44217m	11.494	ng/u1	0.02
60) Fluorene-d10	15.435	176	351855	14.657	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.570	200	44826	9.671	ng/u1	0.00
73) Anthracene-d10	17.286	188	560830	14.612	ng/u1	0.00
81) Pyrene-d10	19.589	212	563064	12.633	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.243	264	372366	8.862	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.233	178	257439	5.984	ng/u1	98
80) Fluoranthene	19.254	202	288873	5.702	ng/u1	97
82) Pyrene	19.619	202	223977	4.156	ng/u1#	93
85) Benzo(a)anthracene	21.422	228	90629	1.688	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.334	149	46681	1.940	ng/u1#	90
87) Chrysene	21.481	228	108697	2.125	ng/u1#	92
90) Benzo(b)fluoranthene	23.502	252	113135	2.225	ng/u1#	96
93) Benzo(a)pyrene	24.307	252	69593	1.458	ng/u1	95
96) Benzo(g,h,i)perylene	28.902	276	55241m	1.194	ng/u1	

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

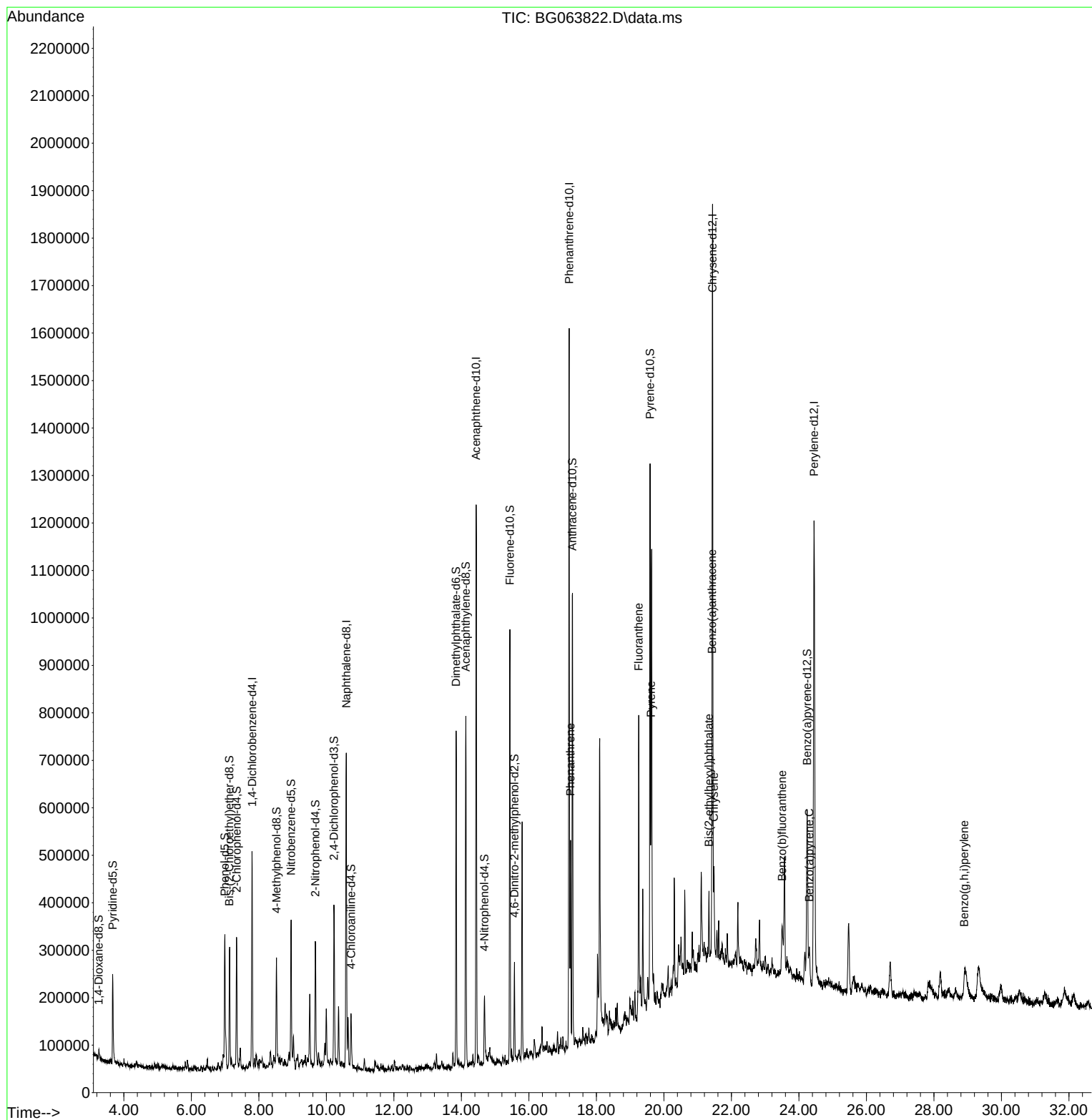
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063822.D
Acq On : 24 Dec 2024 16:43
Operator : RC/JU
Sample : P5333-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

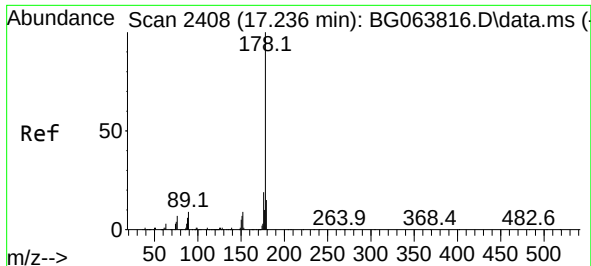
Instrument :
BNA_G
ClientSampleId :
E2912

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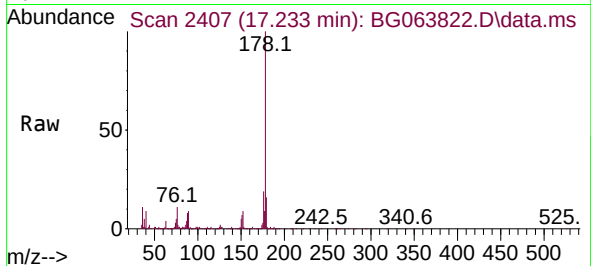
Quant Time: Dec 25 01:31:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 5.984 ng/u1
RT: 17.233 min Scan# 2408
Delta R.T. 0.003 min
Lab File: BG063822.D
Acq: 24 Dec 2024 16:43

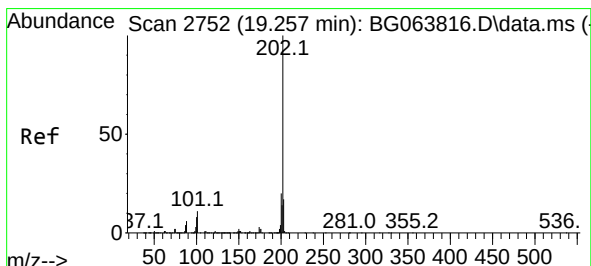
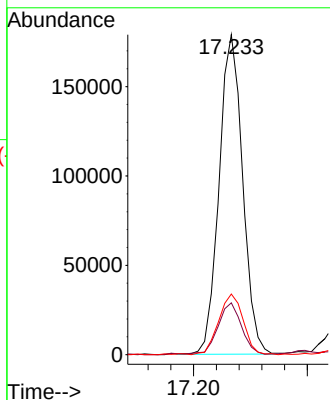
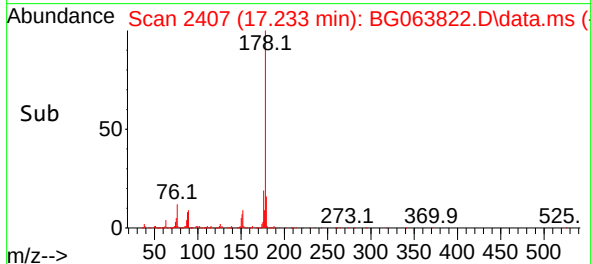
Instrument :
BNA_G
ClientSampleId :
E2912



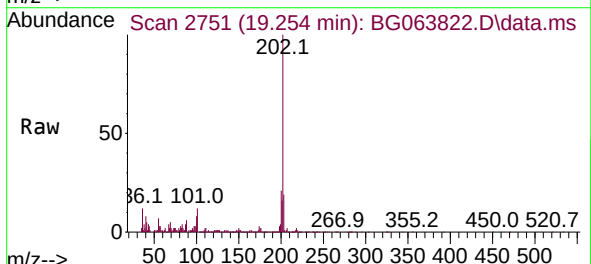
Tgt Ion:178 Resp: 257439
Ion Ratio Lower Upper
178 100
179 16.2 12.2 18.2
176 18.9 15.8 23.6

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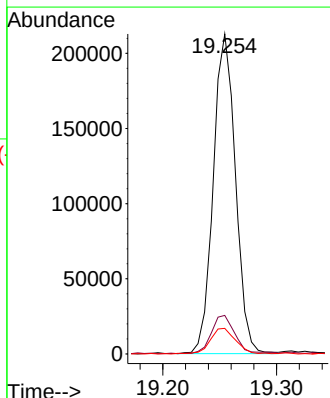
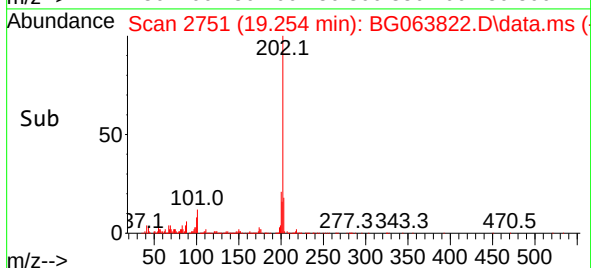
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

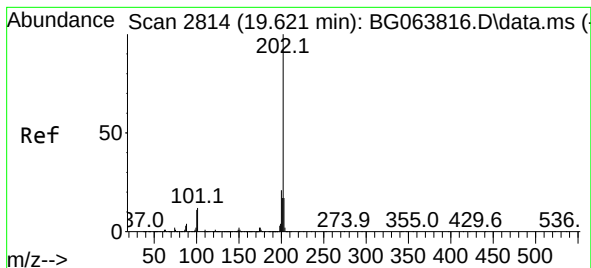


#80
Fluoranthene
Concen: 5.702 ng/u1
RT: 19.254 min Scan# 2751
Delta R.T. 0.003 min
Lab File: BG063822.D
Acq: 24 Dec 2024 16:43



Tgt Ion:202 Resp: 288873
Ion Ratio Lower Upper
202 100
101 12.1 8.1 12.1
100 8.0 6.5 9.7





#82

Pyrene

Concen: 4.156 ng/ul

RT: 19.619 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG063822.D

Acq: 24 Dec 2024 16:43

Instrument :

BNA_G

ClientSampleId :

E2912

Tgt Ion:202 Resp: 22397

Ion Ratio Lower Upper

202 100

101 13.7 8.7 13.1

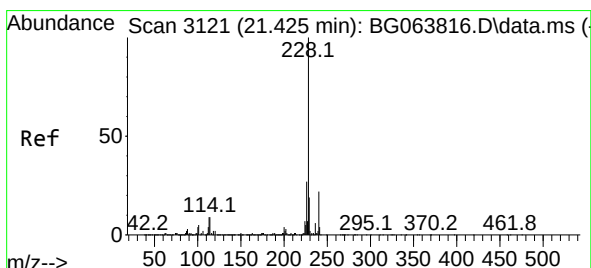
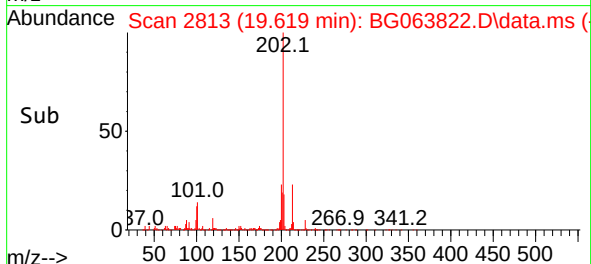
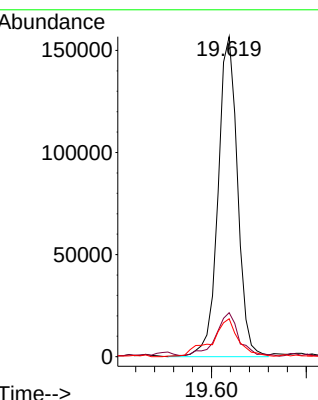
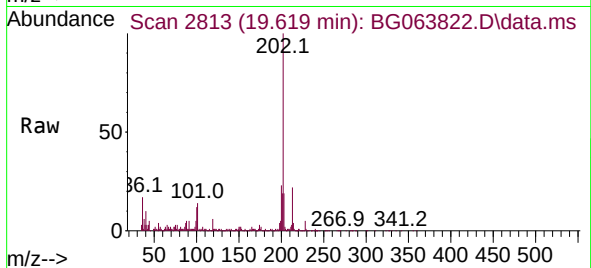
100 11.9 7.8 11.6

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#85

Benzo(a)anthracene

Concen: 1.688 ng/ul

RT: 21.422 min Scan# 3120

Delta R.T. 0.003 min

Lab File: BG063822.D

Acq: 24 Dec 2024 16:43

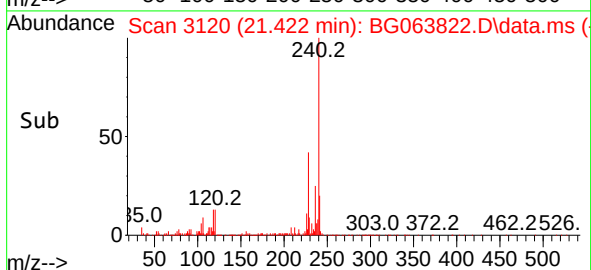
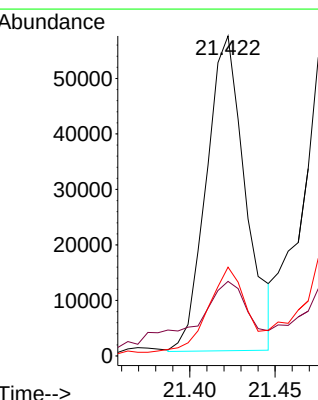
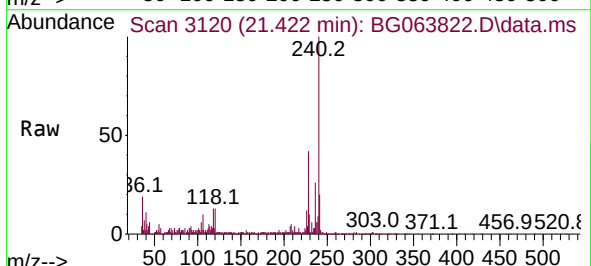
Tgt Ion:228 Resp: 90629

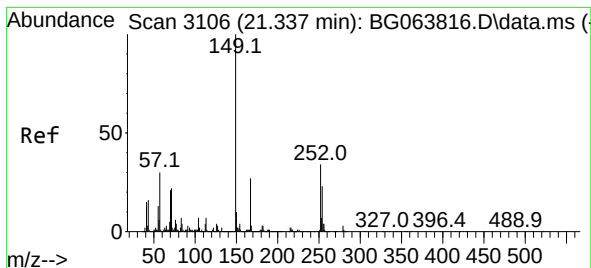
Ion Ratio Lower Upper

228 100

229 23.3 15.7 23.5

226 27.8 22.0 33.0





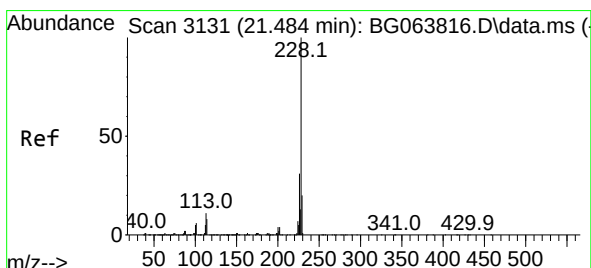
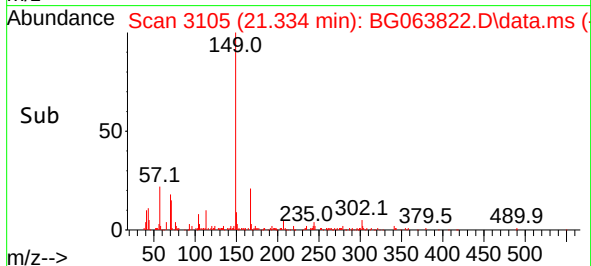
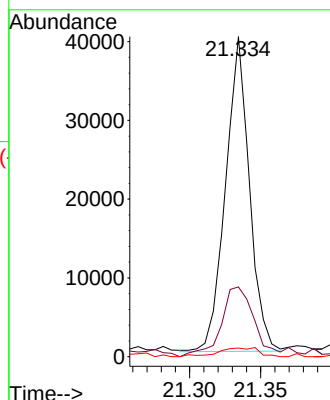
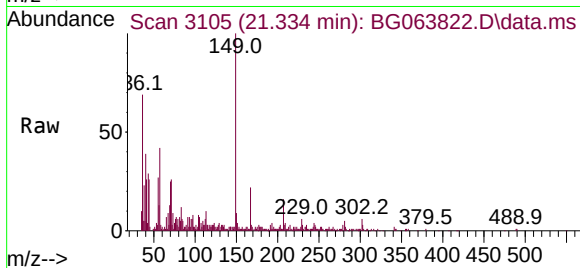
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.940 ng/ul
RT: 21.334 min Scan# 3106
Delta R.T. 0.003 min
Lab File: BG063822.D
Acq: 24 Dec 2024 16:43

Instrument :
BNA_G
ClientSampleId :
E2912

Tgt Ion:149 Resp: 4668
Ion Ratio Lower Upper
149 100
167 21.8 22.1 33.1
279 2.7 2.9 4.3

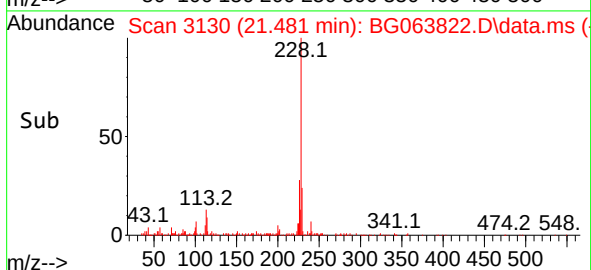
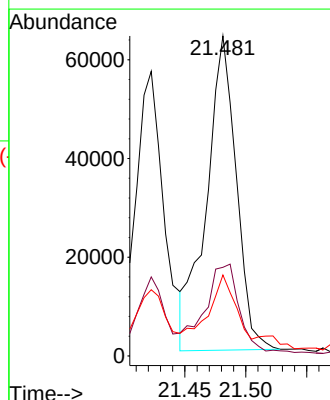
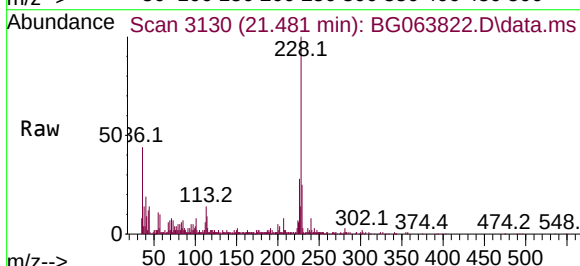
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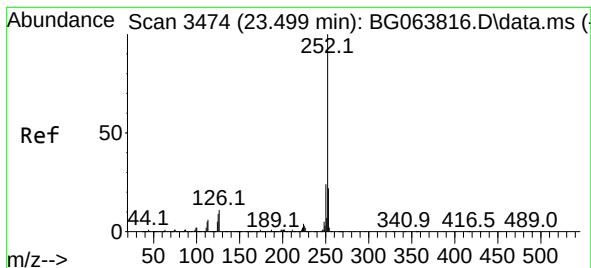
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#87
Chrysene
Concen: 2.125 ng/ul
RT: 21.481 min Scan# 3130
Delta R.T. -0.002 min
Lab File: BG063822.D
Acq: 24 Dec 2024 16:43

Tgt Ion:228 Resp: 108697
Ion Ratio Lower Upper
228 100
226 27.7 23.4 35.0
229 25.3 14.8 22.2





#90

Benzo(b)fluoranthene

Concen: 2.225 ng/u1

RT: 23.502 min Scan# 3474

Delta R.T. 0.003 min

Lab File: BG063822.D

Acq: 24 Dec 2024 16:43

Instrument :

BNA_G

ClientSampleId :

E2912

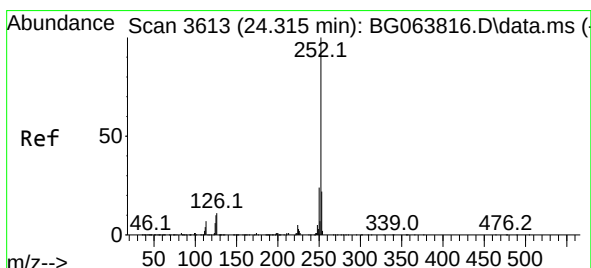
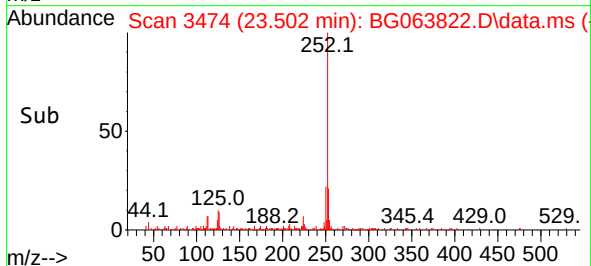
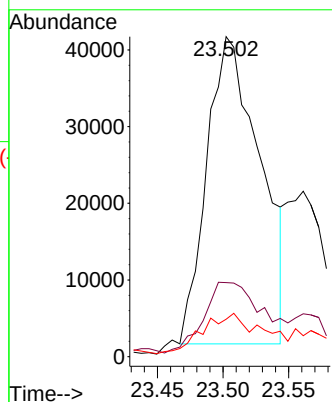
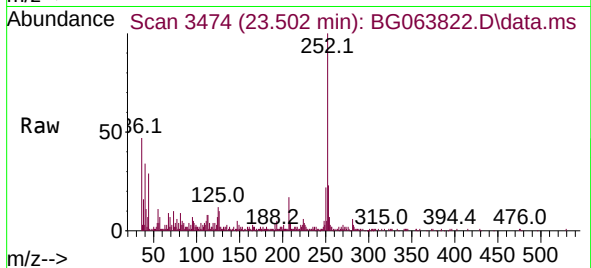
Tgt Ion:	252	Resp:	11313
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.7	26.5
125	11.7	7.0	10.4

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#93

Benzo(a)pyrene

Concen: 1.458 ng/u1

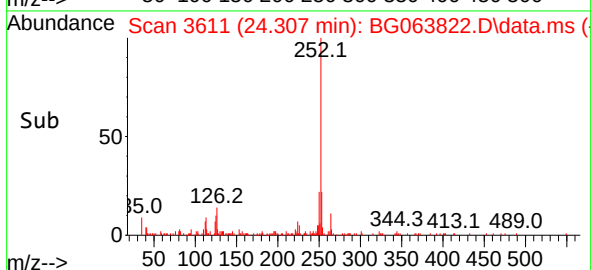
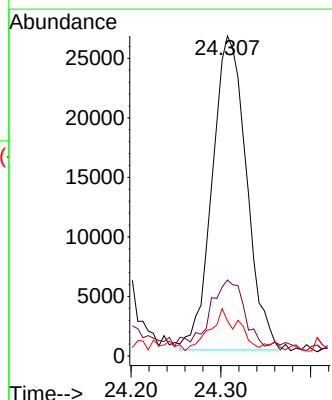
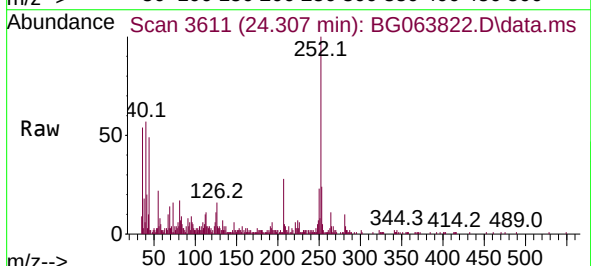
RT: 24.307 min Scan# 3611

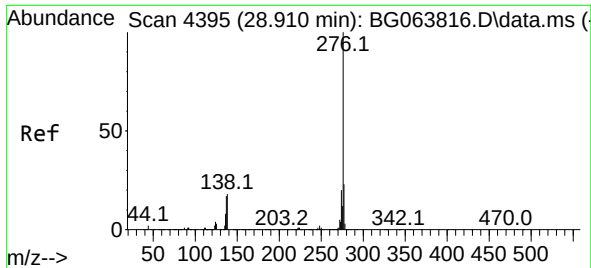
Delta R.T. 0.003 min

Lab File: BG063822.D

Acq: 24 Dec 2024 16:43

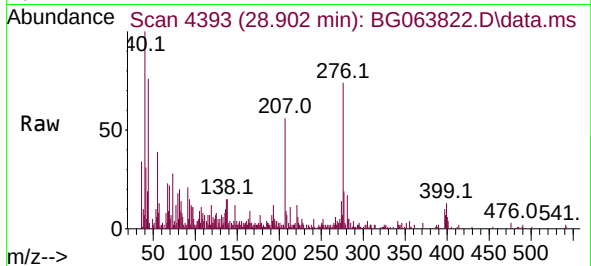
Tgt Ion:	252	Resp:	69593
Ion Ratio	Lower	Upper	
252	100		
253	23.8	16.6	24.8
125	11.0	8.0	12.0





#96
 Benzo(g,h,i)perylene
 Concen: 1.194 ng/ul m
 RT: 28.902 min Scan# 4393
 Delta R.T. 0.003 min
 Lab File: BG063822.D
 Acq: 24 Dec 2024 16:43

Instrument :
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Tgt Ion:	276	Resp:	5524
Ion Ratio	Lower	Upper	
276	100		
138	20.9	13.8	20.8
277	25.4	17.8	26.8

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