

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061813.D
 Acq On : 1 Jul 2024 15:26
 Operator : MA/JU
 Sample : P2871-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CJ1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 01 16:17:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	63072	20.000	ng/u1	0.00
20) Naphthalene-d8	10.871	136	294729	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.684	164	192704	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.428	188	428347	20.000	ng/u1	0.00
79) Chrysene-d12	21.693	240	321440	20.000	ng/u1	# 0.00
88) Perylene-d12	24.907	264	379070	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.456	96	6998	4.008	ng/uL	0.00
4) Pyridine-d5	3.885	84	13463	2.550	ng/u1	0.01
7) Phenol-d5	7.204	99	144605	21.119	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	96382	22.581	ng/u1	0.00
11) 2-Chlorophenol-d4	7.586	132	109867	23.383	ng/u1	0.00
15) 4-Methylphenol-d8	8.755	113	93262	17.619	ng/u1	0.00
21) Nitrobenzene-d5	9.220	128	55350	27.658	ng/u1	0.00
24) 2-Nitrophenol-d4	9.942	143	59596	29.404	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.483	165	114237	23.803	ng/u1	0.00
31) 4-Chloroaniline-d4	11.000	131	62112	8.548	ng/u1	0.00
46) Dimethylphthalate-d6	14.090	166	357197	24.087	ng/u1	0.00
49) Acenaphthylene-d8	14.384	160	402314	24.755	ng/u1	0.00
54) 4-Nitrophenol-d4	14.866	143	52090	20.453	ng/u1	0.00
60) Fluorene-d10	15.677	176	319519	24.612	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.783	200	29770	16.253	ng/u1	0.00
73) Anthracene-d10	17.528	188	475551	24.322	ng/u1	0.00
81) Pyrene-d10	19.807	212	468018	26.066	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.690	264	338476	18.695	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.469	178	171035	7.590	ng/u1	98
74) Anthracene	17.563	178	27159	1.179	ng/u1	98
80) Fluoranthene	19.478	202	382354	18.353	ng/u1	98
82) Pyrene	19.837	202	275765	12.449	ng/u1	97
85) Benzo(a)anthracene	21.670	228	154774	6.860	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.582	149	44590	3.761	ng/u1#	90
87) Chrysene	21.740	228	180878	8.472	ng/u1	96
90) Benzo(b)fluoranthene	23.885	252	252808	11.094	ng/u1	96
91) Benzo(k)fluoranthene	23.949	252	84662m	3.613	ng/u1	
93) Benzo(a)pyrene	24.760	252	92721	4.227	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	28.579	276	101810m	3.724	ng/u1	
95) Dibenzo(a,h)anthracene	28.626	278	34950m	1.538	ng/u1	

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

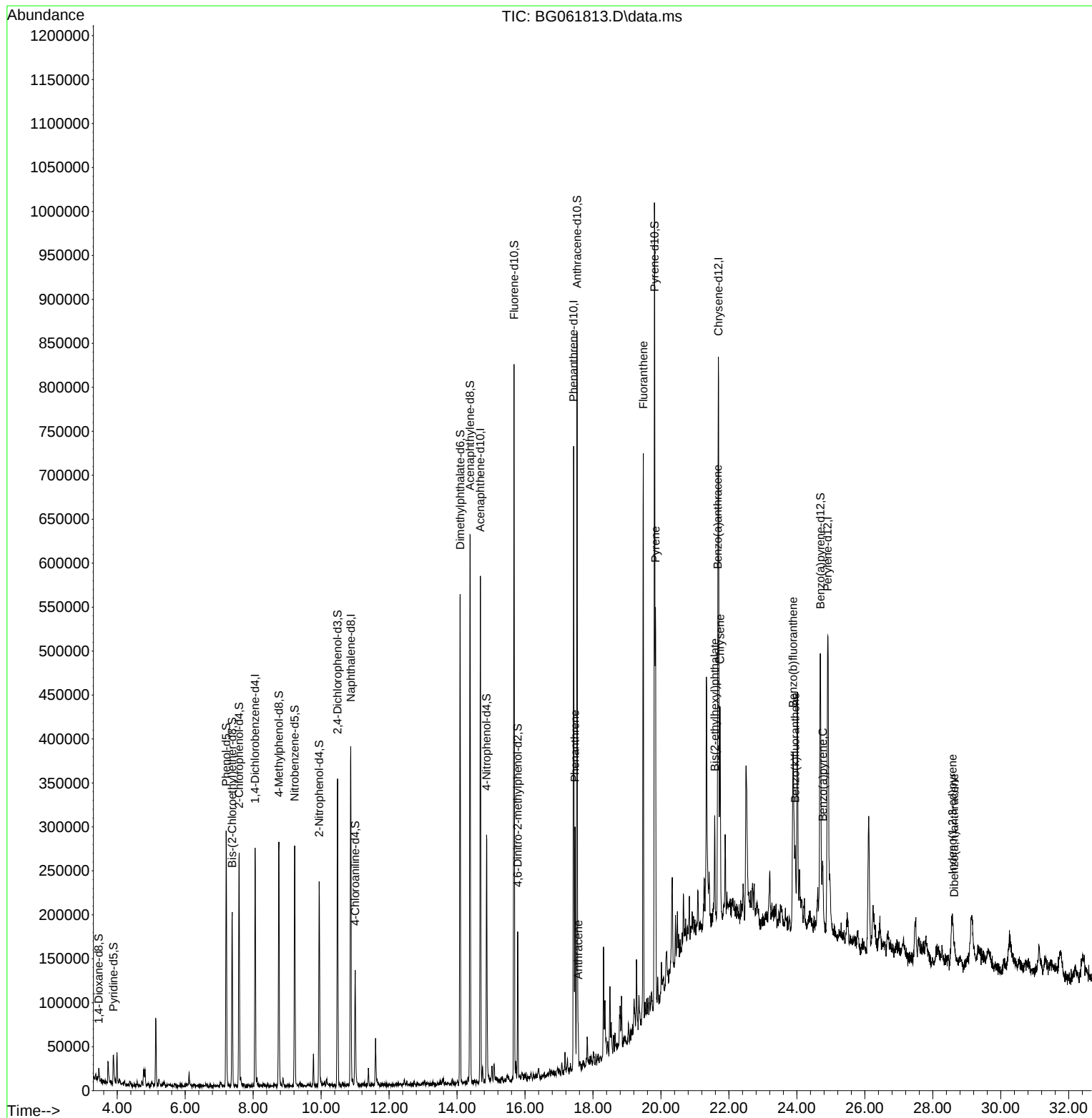
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061813.D
Acq On : 1 Jul 2024 15:26
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

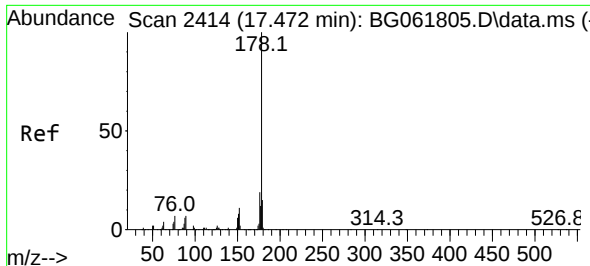
Instrument :
BNA_G
ClientSampleId :
A4CJ1

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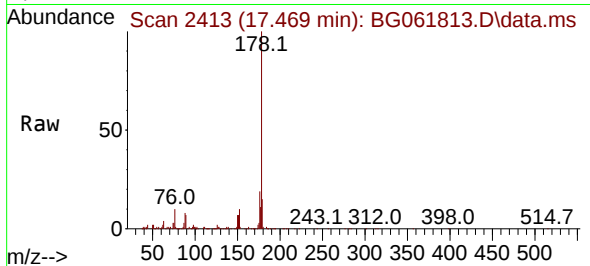
Quant Time: Jul 01 16:17:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 7.590 ng/ul
RT: 17.469 min Scan# 2413
Delta R.T. -0.003 min
Lab File: BG061813.D
Acq: 1 Jul 2024 15:26

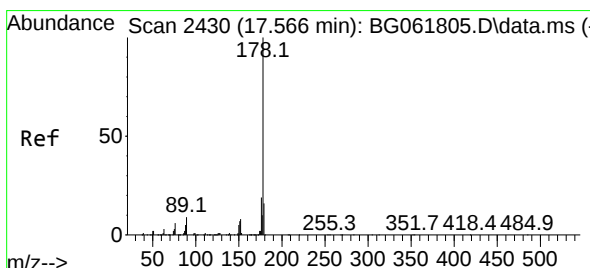
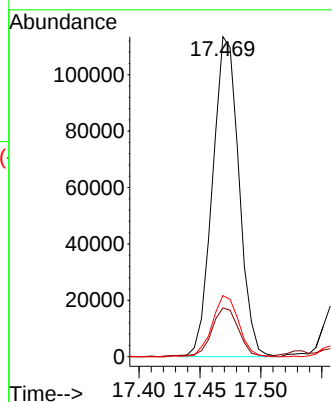
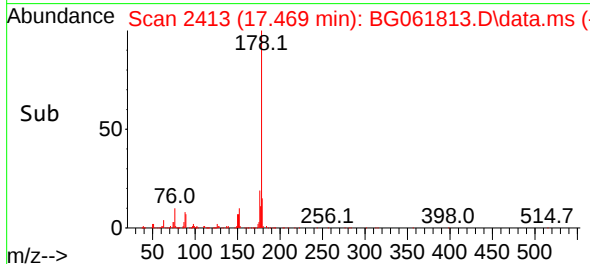
Instrument :
BNA_G
ClientSampleId :
A4CJ1



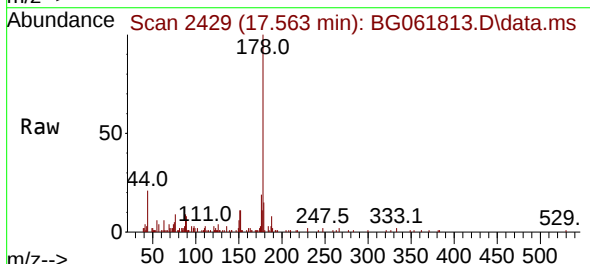
Tgt Ion:178 Resp: 171035
Ion Ratio Lower Upper
178 100
179 15.3 12.0 18.0
176 19.1 16.2 24.2

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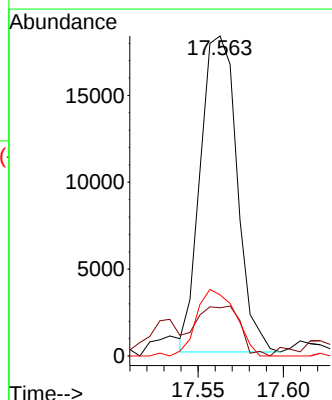
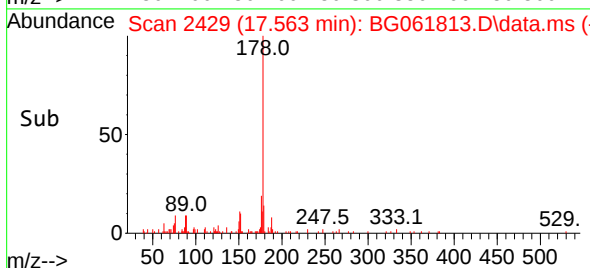
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

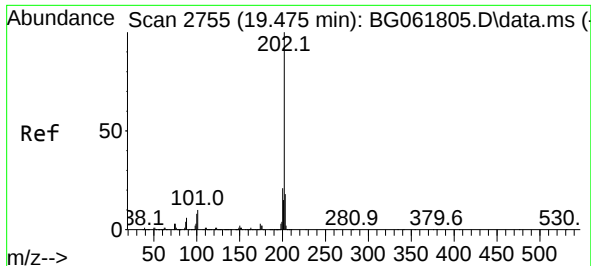


#74
Anthracene
Concen: 1.179 ng/ul
RT: 17.563 min Scan# 2429
Delta R.T. -0.003 min
Lab File: BG061813.D
Acq: 1 Jul 2024 15:26



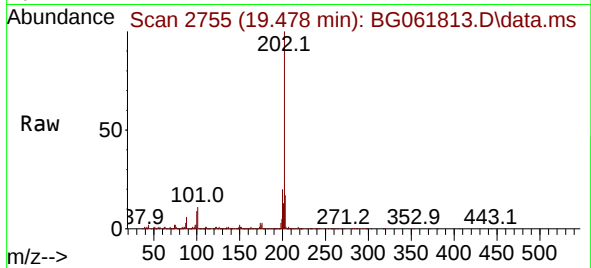
Tgt Ion:178 Resp: 27159
Ion Ratio Lower Upper
178 100
179 15.0 11.4 17.2
176 19.1 14.7 22.1





#80
Fluoranthene
Concen: 18.353 ng/u1
RT: 19.478 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG061813.D
Acq: 1 Jul 2024 15:26

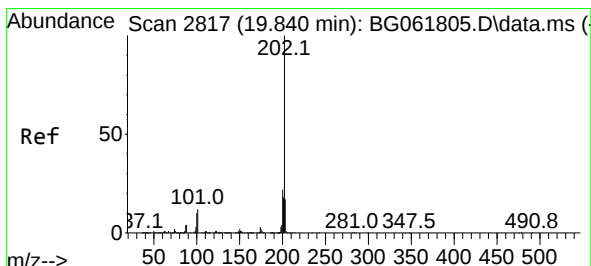
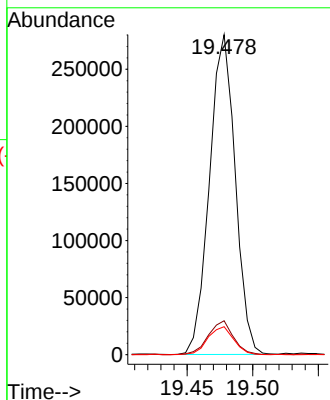
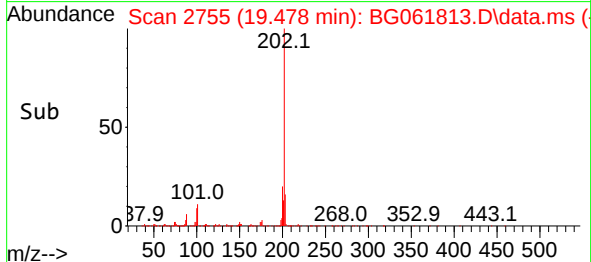
Instrument :
BNA_G
ClientSampleId :
A4CJ1



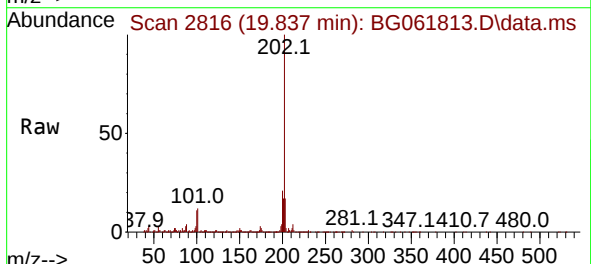
Tgt Ion:202 Resp: 382354
Ion Ratio Lower Upper
202 100
101 10.6 7.8 11.6
100 8.8 7.7 11.5

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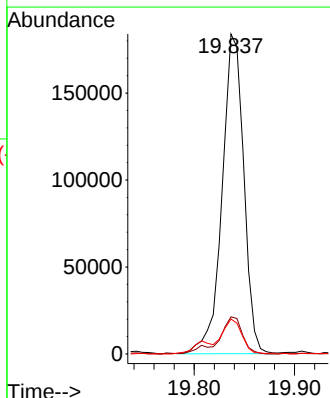
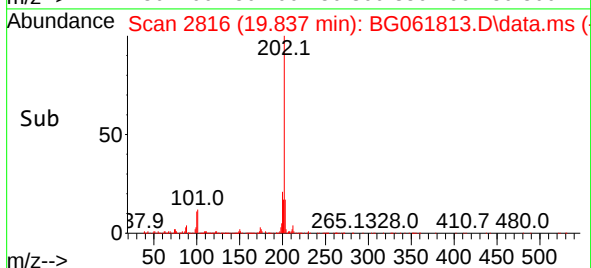
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

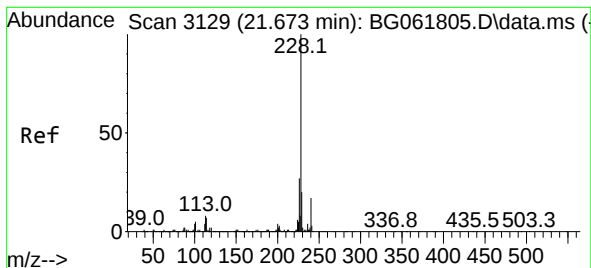


#82
Pyrene
Concen: 12.449 ng/u1
RT: 19.837 min Scan# 2816
Delta R.T. -0.003 min
Lab File: BG061813.D
Acq: 1 Jul 2024 15:26



Tgt Ion:202 Resp: 275765
Ion Ratio Lower Upper
202 100
101 11.6 10.1 15.1
100 10.9 9.9 14.9





#85

Benzo(a)anthracene

Concen: 6.860 ng/ul

RT: 21.670 min Scan# 3129

Delta R.T. -0.003 min

Lab File: BG061813.D

Acq: 1 Jul 2024 15:26

Instrument :

BNA_G

ClientSampleId :

A4CJ1

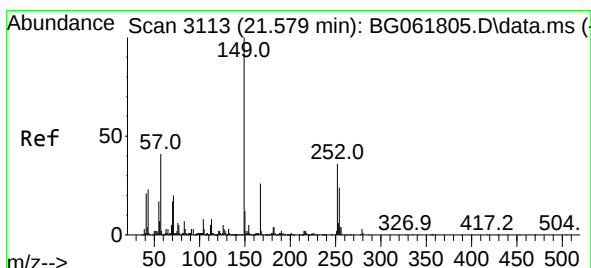
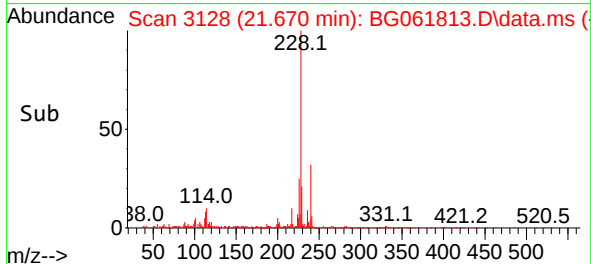
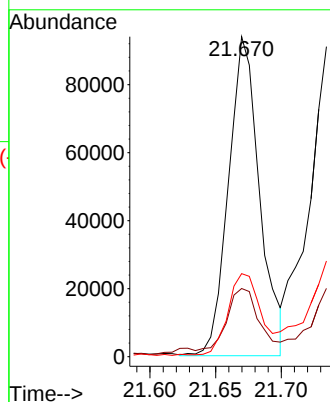
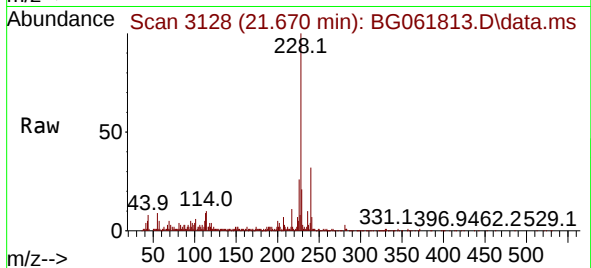
Tgt Ion:228 Resp: 154774

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.8
226	25.9	21.4	32.2

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#86

Bis(2-ethylhexyl)phthalate

Concen: 3.761 ng/ul

RT: 21.582 min Scan# 3113

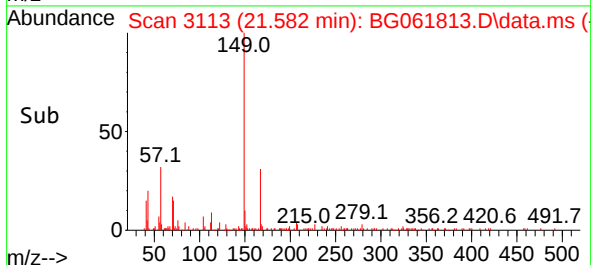
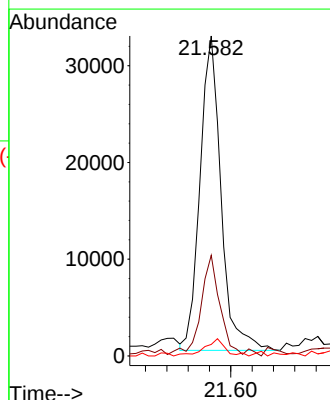
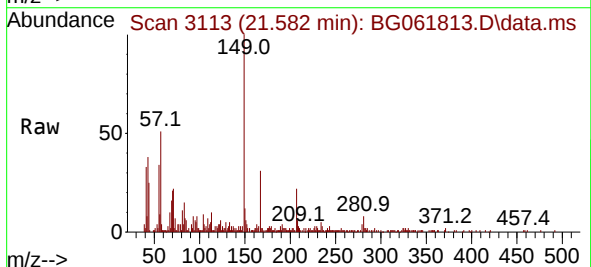
Delta R.T. -0.009 min

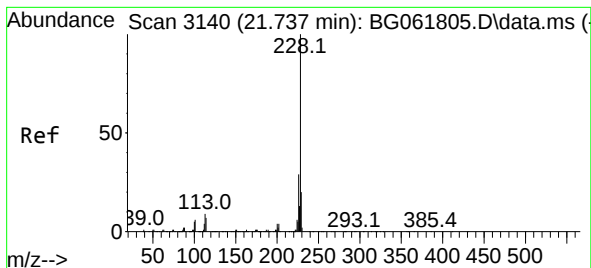
Lab File: BG061813.D

Acq: 1 Jul 2024 15:26

Tgt Ion:149 Resp: 44590

Ion	Ratio	Lower	Upper
149	100		
167	31.5	20.5	30.7#
279	3.6	2.9	4.3





#87

Chrysene

Concen: 8.472 ng/ul

RT: 21.740 min Scan# 3140

Delta R.T. 0.003 min

Lab File: BG061813.D

Acq: 1 Jul 2024 15:26

Instrument :

BNA_G

ClientSampleId :

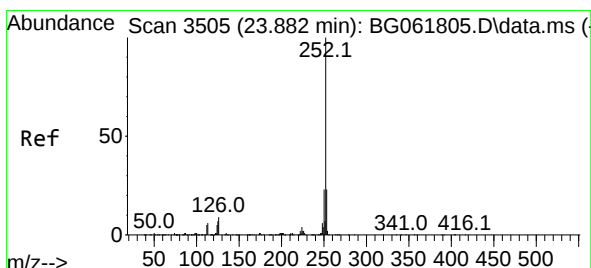
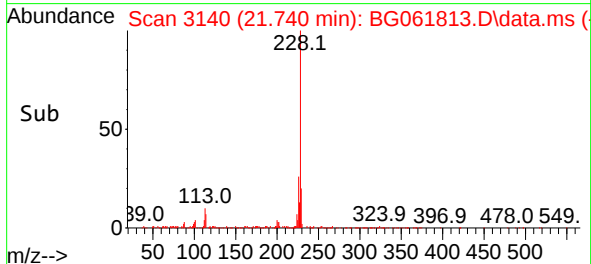
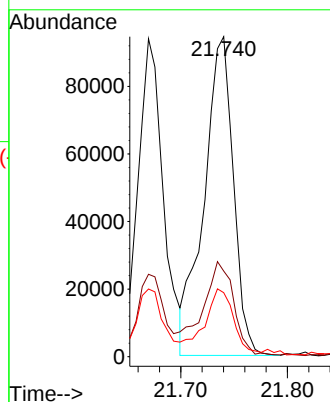
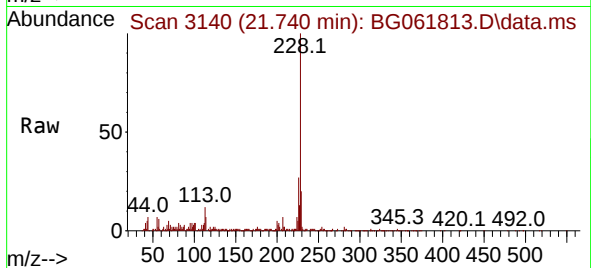
A4CJ1

Tgt Ion:	228	Resp:	180878
Ion Ratio	Lower	Upper	
228	100		
226	26.7	24.2	36.2
229	20.0	16.5	24.7

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#90

Benzo(b)fluoranthene

Concen: 11.094 ng/ul

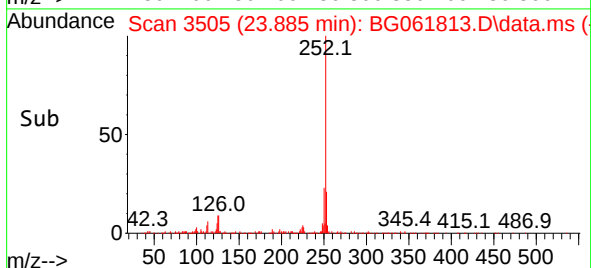
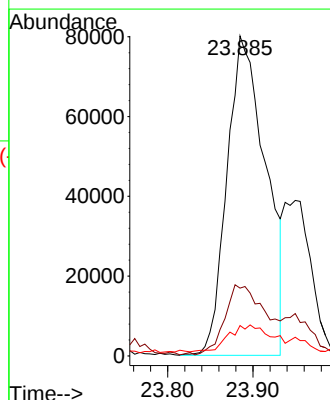
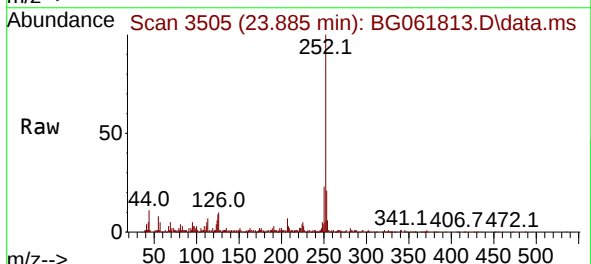
RT: 23.885 min Scan# 3505

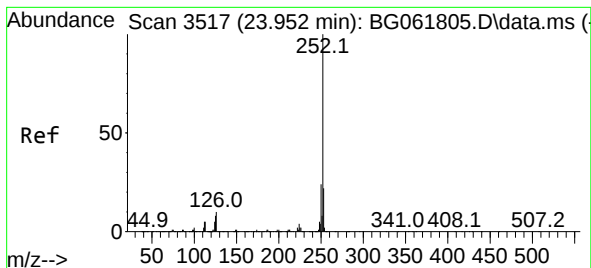
Delta R.T. -0.003 min

Lab File: BG061813.D

Acq: 1 Jul 2024 15:26

Tgt Ion:	252	Resp:	252808
Ion Ratio	Lower	Upper	
252	100		
253	21.2	18.6	27.8
125	9.5	7.0	10.6





#91

Benzo(k)fluoranthene

Concen: 3.613 ng/ul m

RT: 23.949 min Scan# 3517

Delta R.T. -0.009 min

Lab File: BG061813.D

Acq: 1 Jul 2024 15:26

Instrument :

BNL_G

ClientSampleId :

A4CJ1

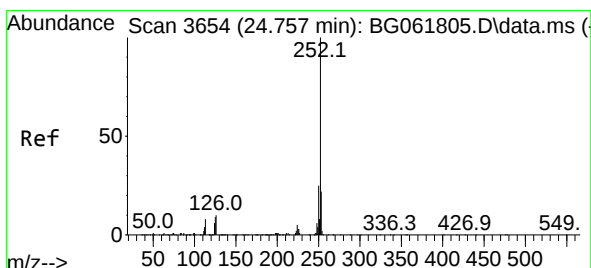
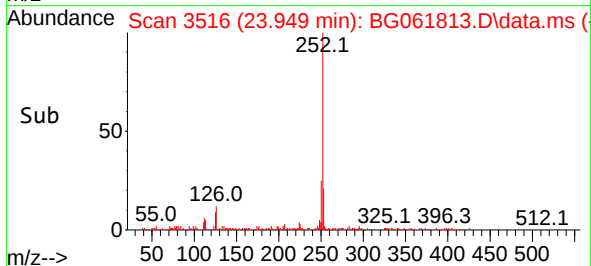
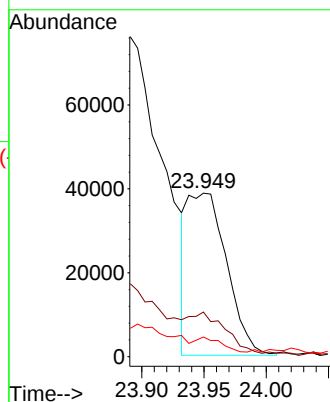
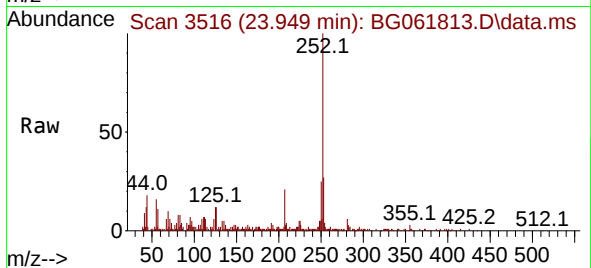
Tgt Ion:252 Resp: 84662

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.8	26.6
125	12.1	6.2	9.2

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 4.227 ng/ul

RT: 24.760 min Scan# 3654

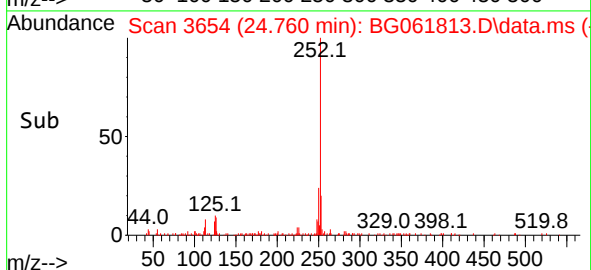
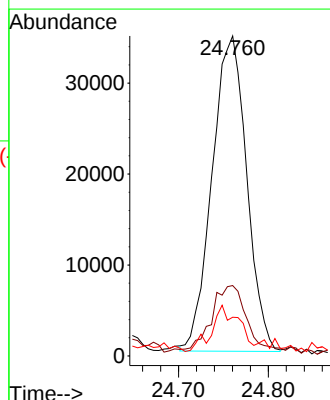
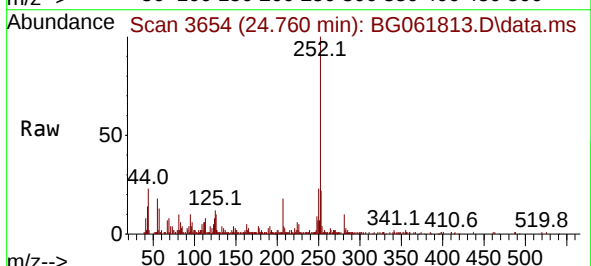
Delta R.T. -0.003 min

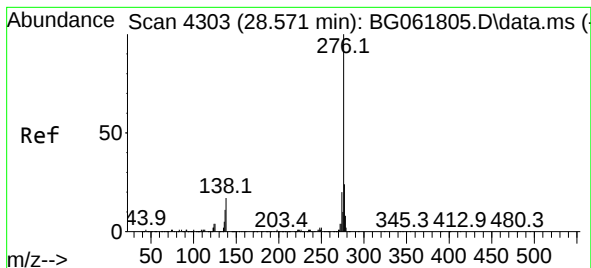
Lab File: BG061813.D

Acq: 1 Jul 2024 15:26

Tgt Ion:252 Resp: 92721

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.8	25.2
125	12.1	6.5	9.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.724 ng/ul m

RT: 28.579 min Scan# 4303

Delta R.T. 0.015 min

Lab File: BG061813.D

Acq: 1 Jul 2024 15:26

Instrument :

BNA_G

ClientSampleId :

A4CJ1

Tgt Ion:276 Resp: 101810

Ion Ratio Lower Upper

276 100

138 20.6 12.2 18.4

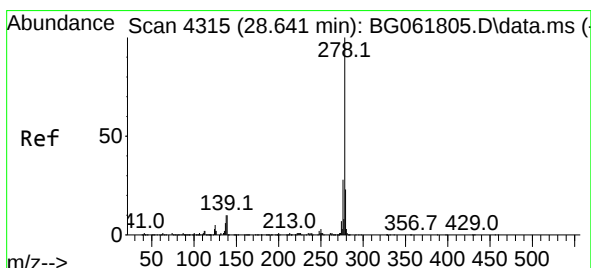
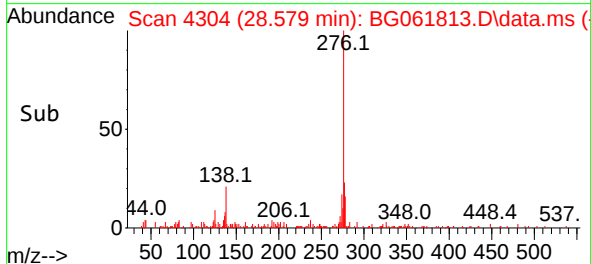
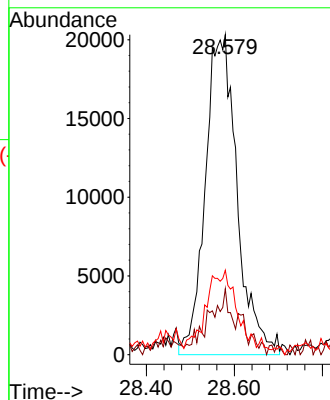
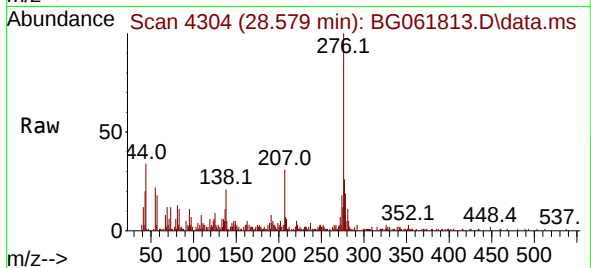
277 26.4 19.7 29.5

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.538 ng/ul m

RT: 28.626 min Scan# 4312

Delta R.T. -0.009 min

Lab File: BG061813.D

Acq: 1 Jul 2024 15:26

Tgt Ion:278 Resp: 34950

Ion Ratio Lower Upper

278 100

139 9.7 9.1 13.7

279 22.3 18.6 28.0

