

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020702.D
 Acq On : 28 Jun 2024 21:58
 Operator : MA/JU
 Sample : P2934-12
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CP8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 23:02:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	205719	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.516	136	784969	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.381	164	464657	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.186	188	874964	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	835952	20.000	ng/u1	0.01
88) Perylene-d12	25.010	264	1002678	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	20145	4.205	ng/uL	0.00
4) Pyridine-d5	3.693	84	30212	2.164	ng/u1	0.00
7) Phenol-d5	6.928	99	367817	21.799	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	239704	22.409	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	322549	23.390	ng/u1	0.00
15) 4-Methylphenol-d8	8.446	113	270111	19.711	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	151496	26.141	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	166514	28.711	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.146	165	290424	24.311	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	255544	15.264	ng/u1	0.00
46) Dimethylphthalate-d6	13.787	166	876539	27.131	ng/u1	0.00
49) Acenaphthylene-d8	14.069	160	991956	25.731	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	105305	21.333	ng/u1	0.00
60) Fluorene-d10	15.387	176	717678	26.399	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	90817	20.597	ng/u1	0.01
73) Anthracene-d10	17.286	188	1055111	26.869	ng/u1	0.00
81) Pyrene-d10	19.669	212	1080153	21.508	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.774	264	863820	17.711	ng/u1	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.228	178	279382	6.098	ng/u1	99
74) Anthracene	17.322	178	67539	1.433	ng/u1	99
80) Fluoranthene	19.322	202	494798	8.066	ng/u1	99
82) Pyrene	19.698	202	344460	5.475	ng/u1	98
85) Benzo(a)anthracene	21.627	228	238700	4.074	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.563	149	75715	2.087	ng/u1#	98
87) Chrysene	21.692	228	237686	4.292	ng/u1	99
90) Benzo(b)fluoranthene	23.951	252	289464	4.765	ng/u1	99
91) Benzo(k)fluoranthene	24.015	252	100516m	1.636	ng/u1	
93) Benzo(a)pyrene	24.851	252	106103	1.850	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	28.833	276	93144m	1.266	ng/u1	

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

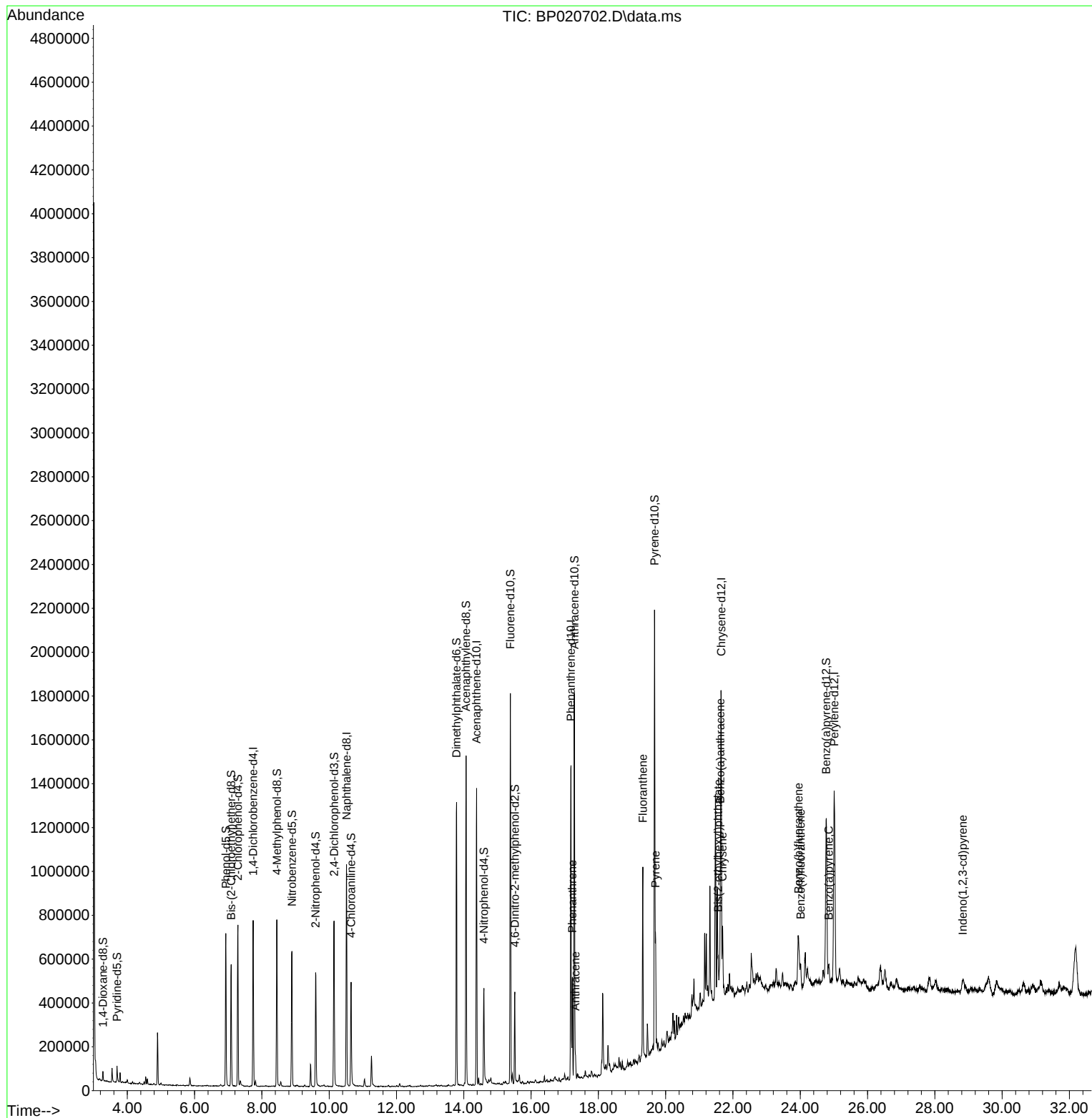
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020702.D
Acq On : 28 Jun 2024 21:58
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Misc :
ALS Vial : 60 Sample Multiplier: 1

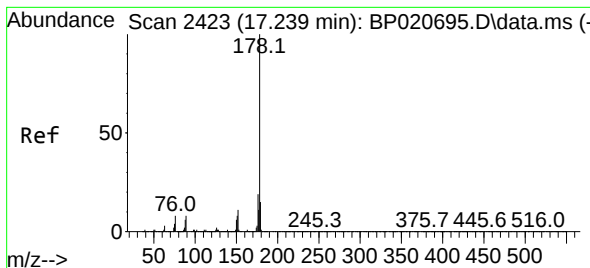
Instrument :
BNA_P
ClientSampleId :
A4CP8

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 6.098 ng/u1

RT: 17.228 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BP020702.D

Acq: 28 Jun 2024 21:58

Instrument :

BNA_P

ClientSampleId :

A4CP8

Tgt Ion:178 Resp: 27938

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

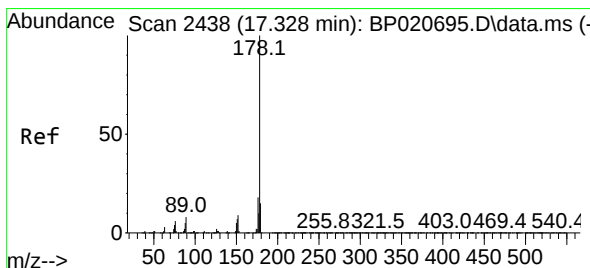
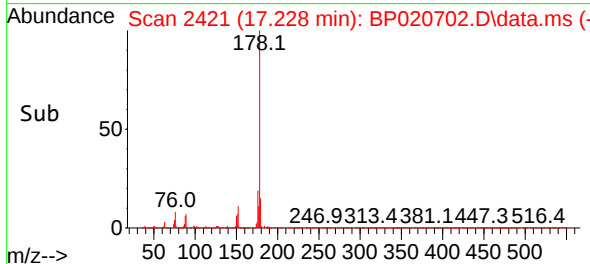
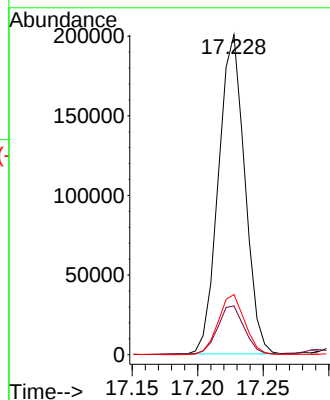
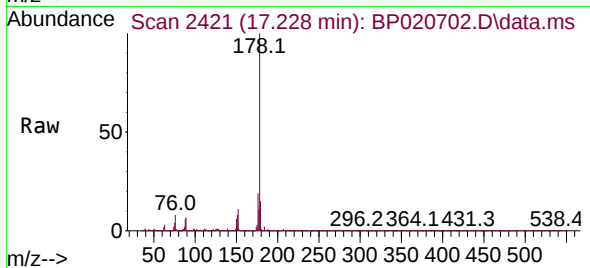
176 18.8 15.4 23.2

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2024



#74

Anthracene

Concen: 1.433 ng/u1

RT: 17.322 min Scan# 2437

Delta R.T. 0.006 min

Lab File: BP020702.D

Acq: 28 Jun 2024 21:58

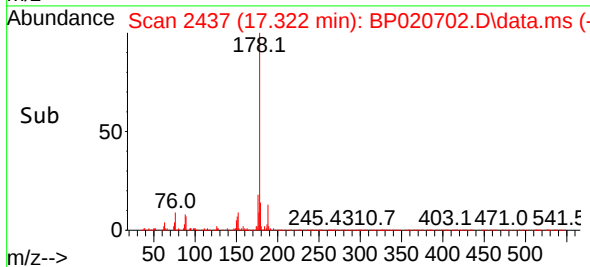
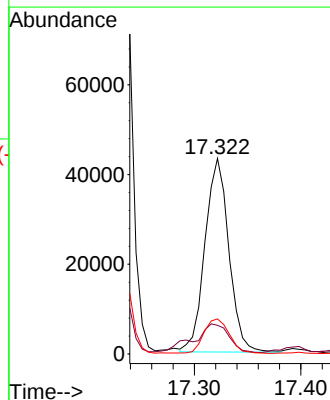
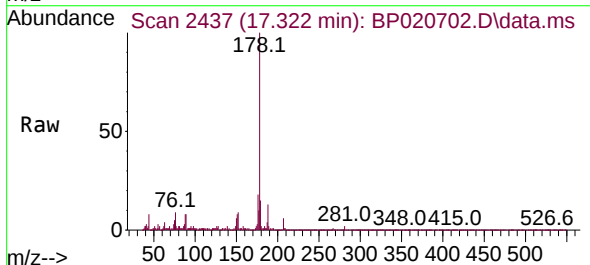
Tgt Ion:178 Resp: 67539

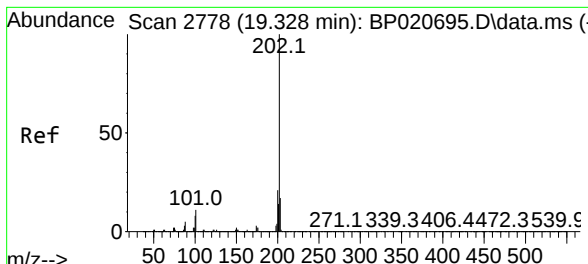
Ion Ratio Lower Upper

178 100

179 14.7 12.1 18.1

176 17.9 15.0 22.4



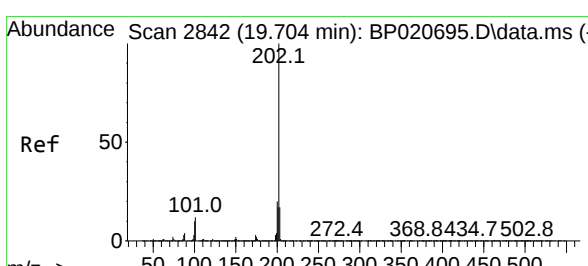
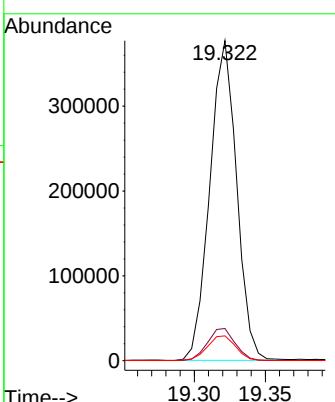
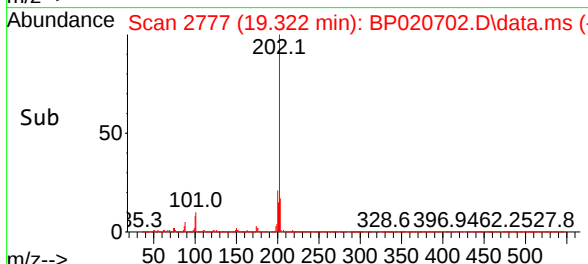
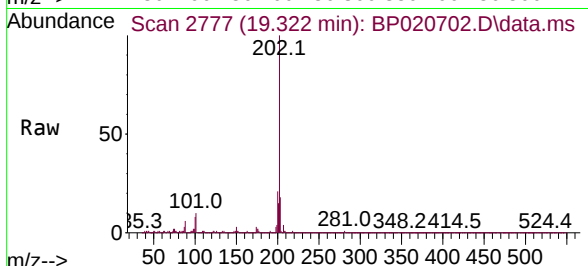


#80
 Fluoranthene
 Concen: 8.066 ng/u1
 RT: 19.322 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP020702.D
 Acq: 28 Jun 2024 21:58

Instrument :
 BNA_P
 ClientSampleId :
 A4CP8

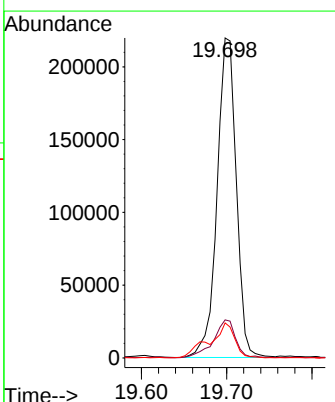
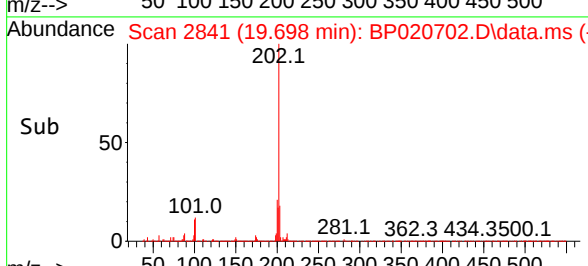
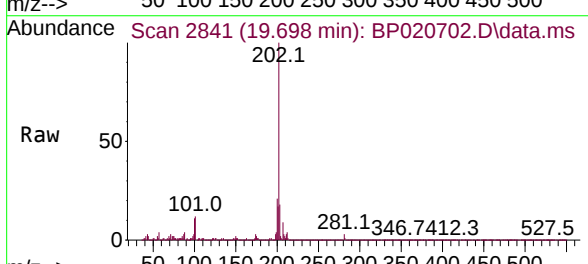
Tgt Ion:	202	Resp:	494798
Ion Ratio	Lower	Upper	
202	100		
101	10.1	8.2	12.4
100	7.8	6.6	10.0

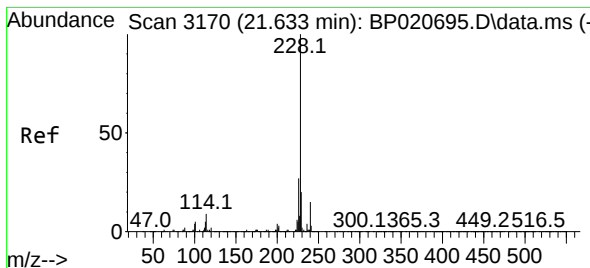
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 Supervised By :mohammad ahmed 06/29/2024



#82
 Pyrene
 Concen: 5.475 ng/u1
 RT: 19.698 min Scan# 2841
 Delta R.T. -0.000 min
 Lab File: BP020702.D
 Acq: 28 Jun 2024 21:58

Tgt Ion:	202	Resp:	344460
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.8	14.8
100	10.9	7.9	11.9





#85

Benzo(a)anthracene

Concen: 4.074 ng/ul

RT: 21.627 min Scan# 3169

Delta R.T. 0.006 min

Lab File: BP020702.D

Acq: 28 Jun 2024 21:58

Instrument :

BNA_P

ClientSampleId :

A4CP8

Tgt Ion:228 Resp: 238700

Ion Ratio Lower Upper

228 100

229 20.8 15.2 22.8

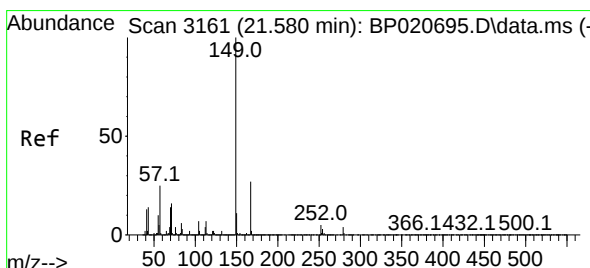
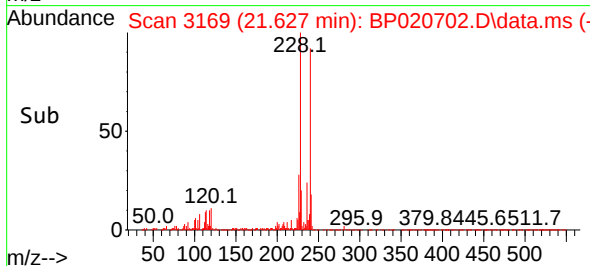
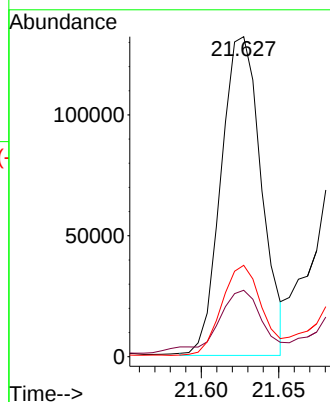
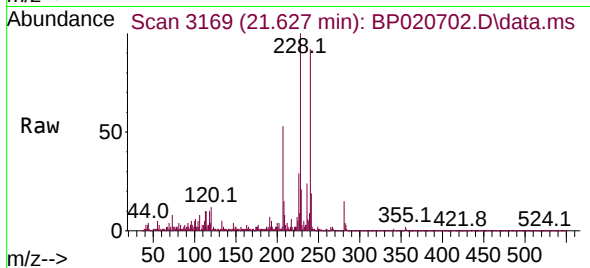
226 28.5 21.1 31.7

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.087 ng/ul

RT: 21.563 min Scan# 3158

Delta R.T. -0.006 min

Lab File: BP020702.D

Acq: 28 Jun 2024 21:58

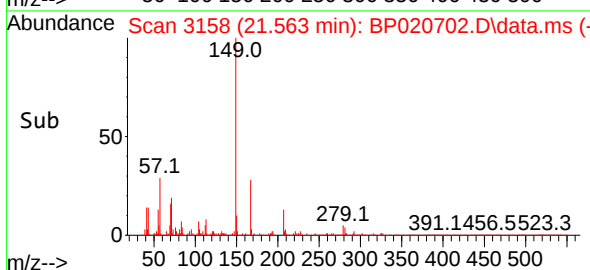
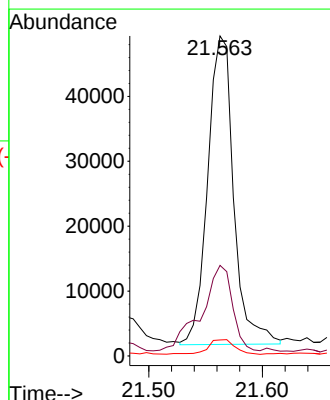
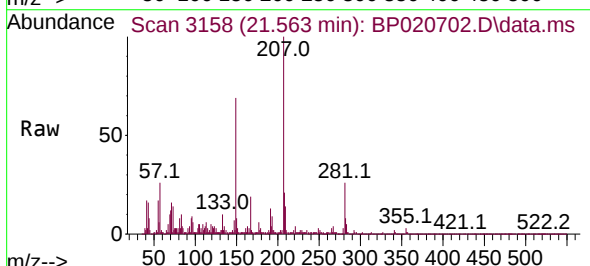
Tgt Ion:149 Resp: 75715

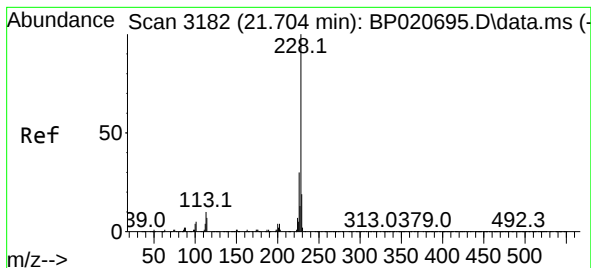
Ion Ratio Lower Upper

149 100

167 28.3 22.0 33.0

279 5.0 3.3 4.9#





#87

Chrysene

Concen: 4.292 ng/ul

RT: 21.692 min Scan# 3182

Delta R.T. 0.000 min

Lab File: BP020702.D

Acq: 28 Jun 2024 21:58

Instrument :

BNA_P

ClientSampleId :

A4CP8

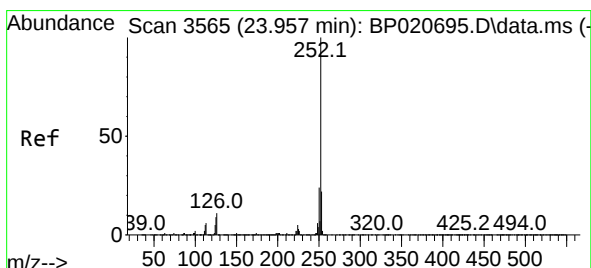
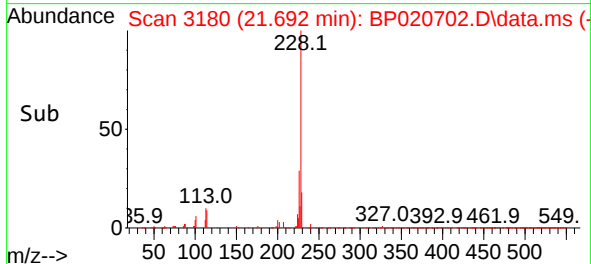
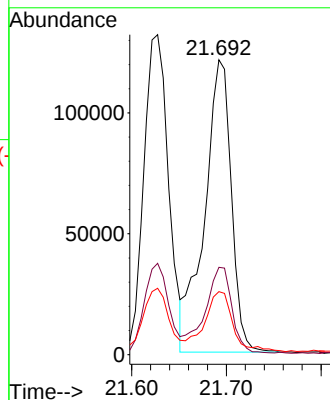
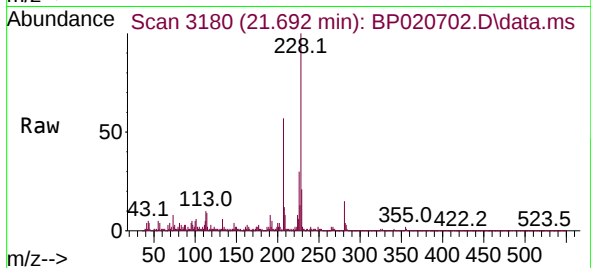
Tgt Ion:	228	Resp:	237680
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.8	35.6
229	21.4	16.1	24.1

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2024



#90

Benzo(b)fluoranthene

Concen: 4.765 ng/ul

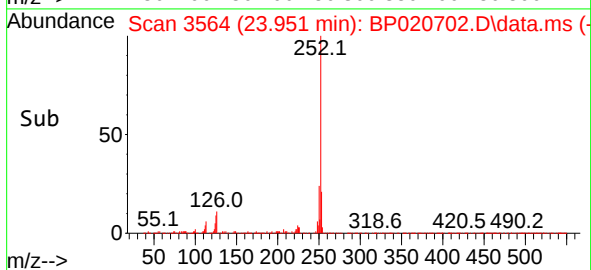
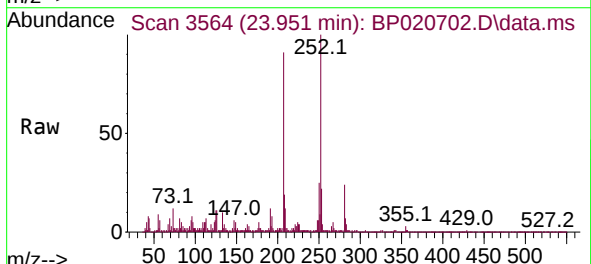
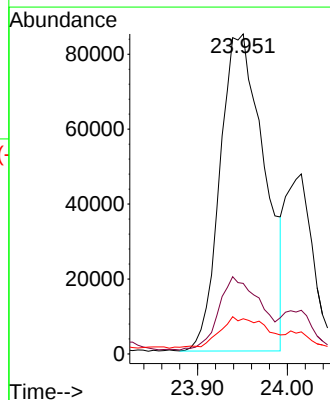
RT: 23.951 min Scan# 3564

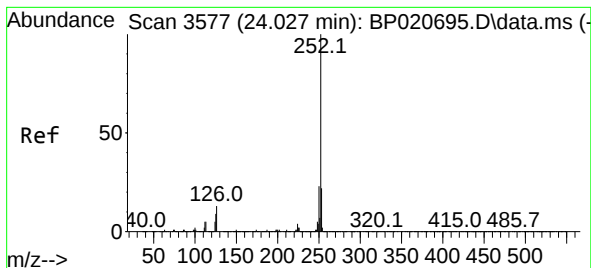
Delta R.T. 0.012 min

Lab File: BP020702.D

Acq: 28 Jun 2024 21:58

Tgt Ion:	252	Resp:	289464
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	11.0	7.9	11.9





#91

Benzo(k)fluoranthene

Concen: 1.636 ng/ul m

RT: 24.015 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP020702.D

Acq: 28 Jun 2024 21:58

Instrument :

BNA_P

ClientSampleId :

A4CP8

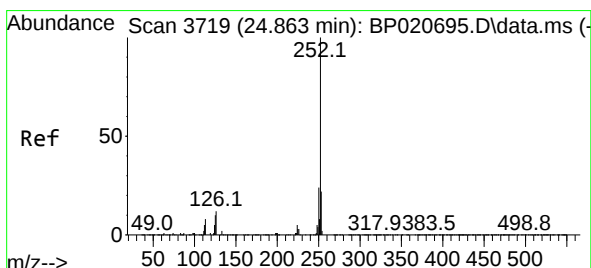
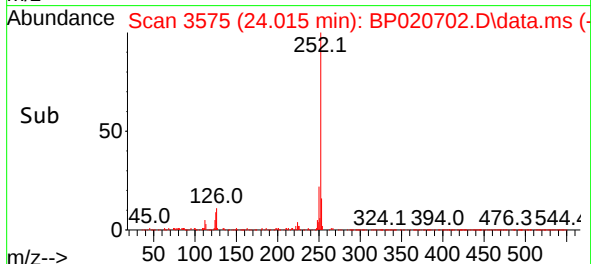
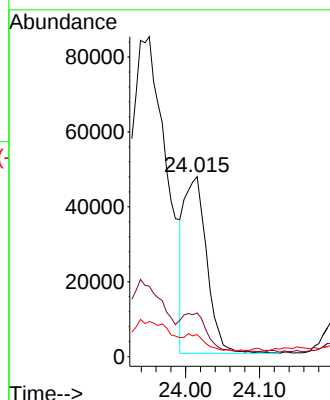
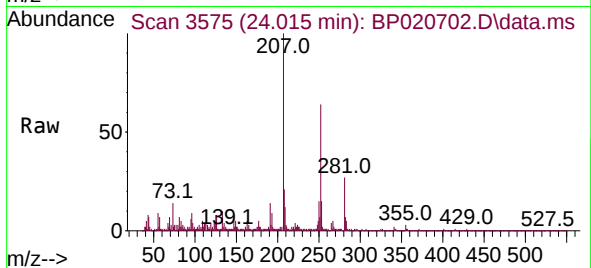
Tgt Ion:252 Resp: 100510
 Ion Ratio Lower Upper
 252 100
 253 24.3 17.6 26.4
 125 12.2 7.9 11.9

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 1.850 ng/ul

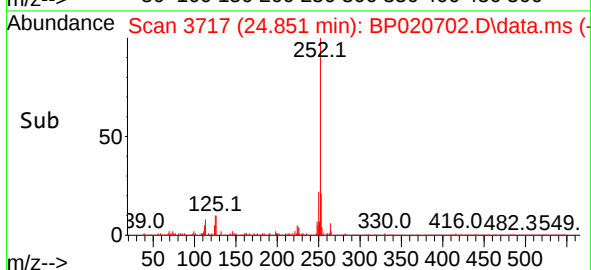
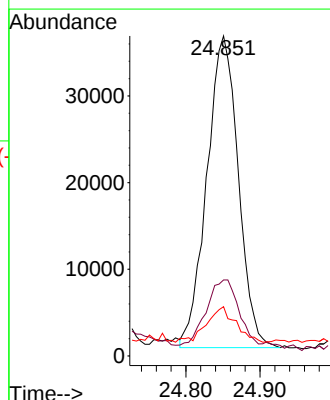
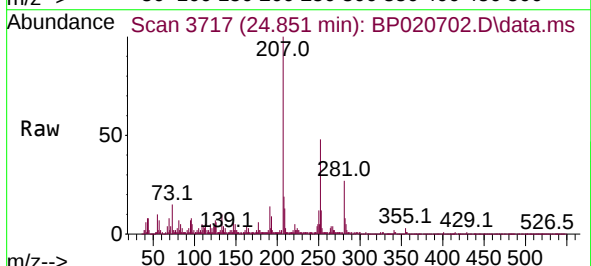
RT: 24.851 min Scan# 3717

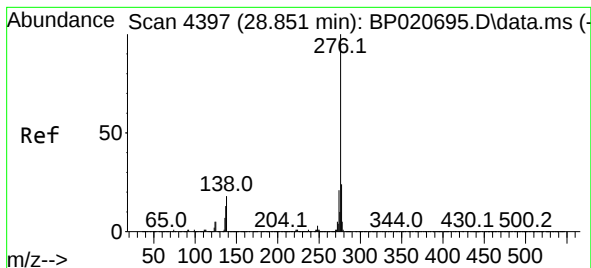
Delta R.T. 0.006 min

Lab File: BP020702.D

Acq: 28 Jun 2024 21:58

Tgt Ion:252 Resp: 106103
 Ion Ratio Lower Upper
 252 100
 253 23.8 17.4 26.2
 125 15.4 8.7 13.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.266 ng/ul m

RT: 28.833 min Scan# 4394

Delta R.T. 0.018 min

Lab File: BP020702.D

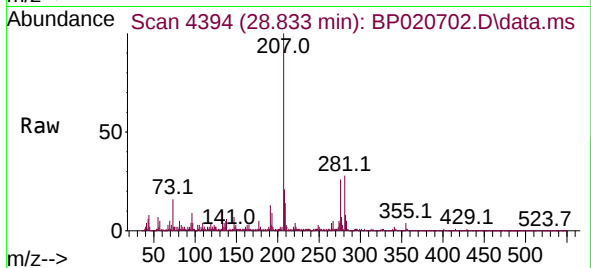
Acq: 28 Jun 2024 21:58

Instrument :

BNA_P

ClientSampleId :

A4CP8



Tgt Ion:276 Resp: 9314

Ion Ratio Lower Upper

276 100

138 22.5 15.2 22.8

277 26.5 19.0 28.4

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Supervised By :mohammad ahmed 06/29/2024

