

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021060.D
 Acq On : 19 Jul 2024 01:30
 Operator : MA/JU
 Sample : P3201-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BY7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 19 02:04:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	187174	20.000	ng/u1	0.00
20) Naphthalene-d8	10.445	136	747140	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	486531	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.122	188	1044845	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	1026907	20.000	ng/u1	-0.01
88) Perylene-d12	24.862	264	1239123	20.000	ng/u1	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	13167	3.201	ng/uL	0.00
4) Pyridine-d5	3.675	84	19145m	1.608	ng/u1	0.02
7) Phenol-d5	6.893	99	316710	20.755	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.034	67	183706	19.865	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	264563	21.043	ng/u1	0.00
15) 4-Methylphenol-d8	8.410	113	244188	19.267	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	122883	21.175	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	143120	21.548	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	252410	21.016	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	219747m	13.811	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	790698	22.356	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	890093	22.413	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	104118m	20.691	ng/u1	0.00
60) Fluorene-d10	15.322	176	697842	24.050	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	112762	17.837	ng/u1	0.00
73) Anthracene-d10	17.222	188	1121735	24.172	ng/u1	0.00
81) Pyrene-d10	19.610	212	993527	15.649	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.645	264	672546	11.005	ng/u1	-0.04
Target Compounds					Qvalue	
72) Phenanthrene	17.163	178	448942	8.283	ng/u1	99
74) Anthracene	17.263	178	92053	1.666	ng/u1	97
80) Fluoranthene	19.263	202	984520	12.841	ng/u1	100
82) Pyrene	19.639	202	548840	7.035	ng/u1	99
85) Benzo(a)anthracene	21.545	228	468261	6.509	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.463	149	131964	2.821	ng/u1	99
87) Chrysene	21.615	228	484790	7.253	ng/u1	96
90) Benzo(b)fluoranthene	23.815	252	654063	8.698	ng/u1	97
91) Benzo(k)fluoranthene	23.886	252	262089	3.492	ng/u1	96
93) Benzo(a)pyrene	24.709	252	165689	2.332	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	28.645	276	177502	1.939	ng/u1	98
95) Dibenzo(a,h)anthracene	28.692	278	90928m	1.199	ng/u1	

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

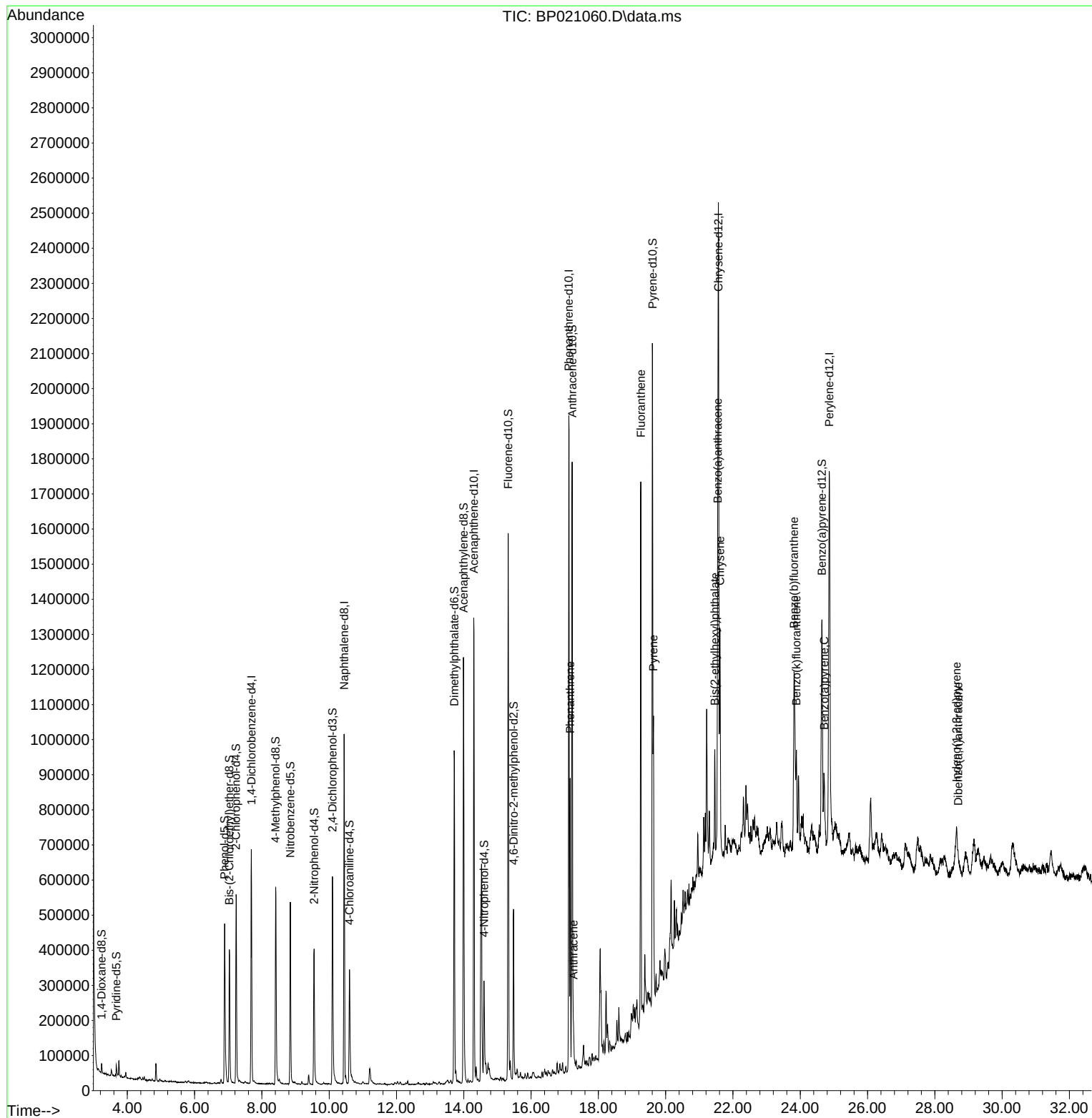
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
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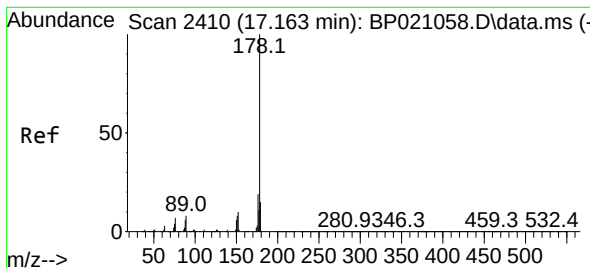
Instrument :
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#72

Phenanthrene

Concen: 8.283 ng/ul

RT: 17.163 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP021060.D

Acq: 19 Jul 2024 01:30

Instrument :

BNP_P

ClientSampleId :

A4BY7

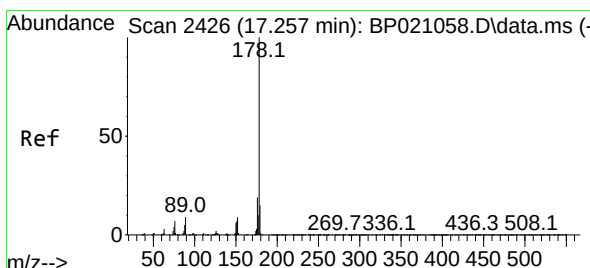
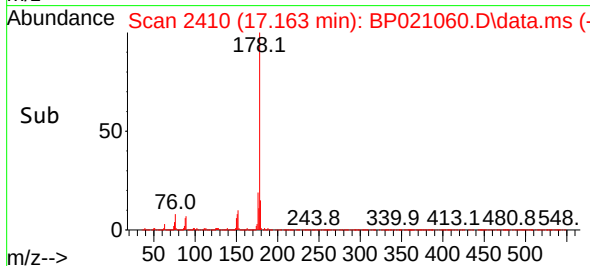
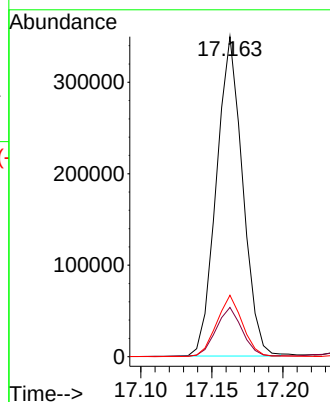
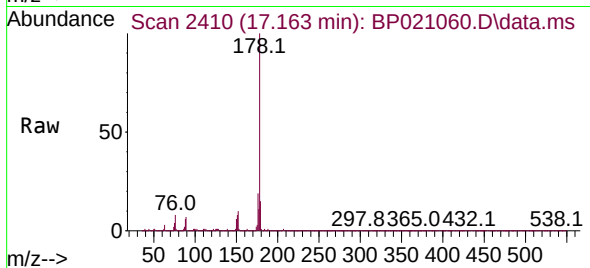
Tgt Ion:178	Resp: 44894
Ion Ratio	Lower Upper
178	100
179	15.4 12.2 18.4
176	19.2 15.0 22.4

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#74

Anthracene

Concen: 1.666 ng/ul

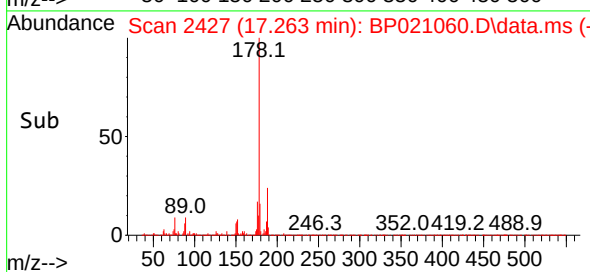
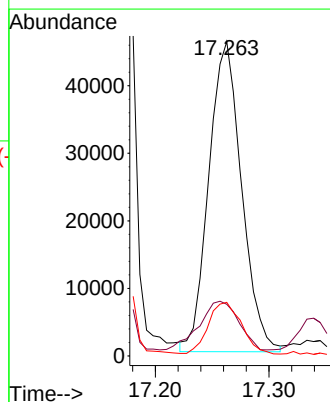
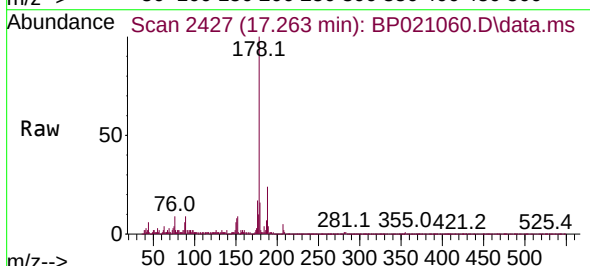
RT: 17.263 min Scan# 2427

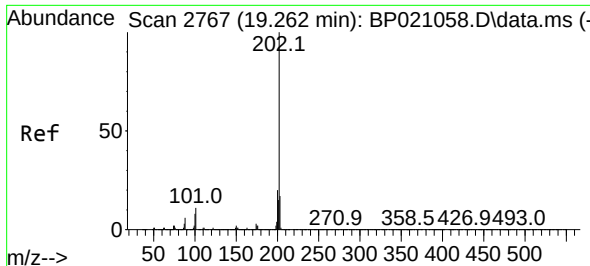
Delta R.T. -0.000 min

Lab File: BP021060.D

Acq: 19 Jul 2024 01:30

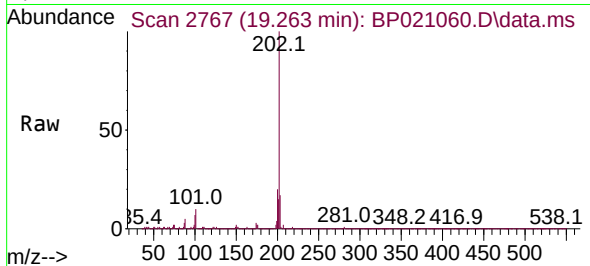
Tgt Ion:178	Resp: 92053
Ion Ratio	Lower Upper
178	100
179	16.5 12.5 18.7
176	17.0 14.8 22.2





#80
Fluoranthene
Concen: 12.841 ng/uI
RT: 19.263 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP021060.D
Acq: 19 Jul 2024 01:30

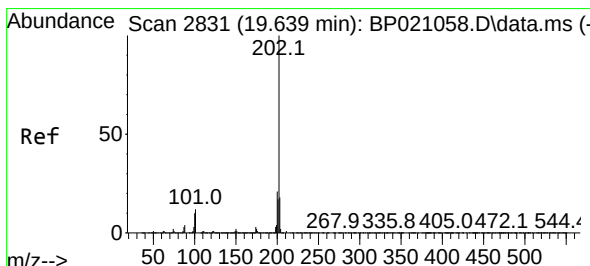
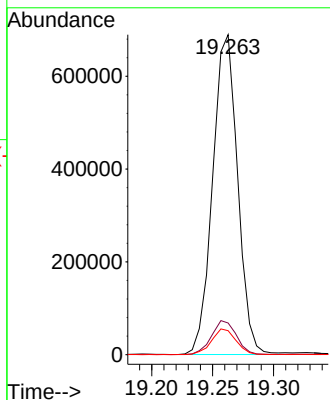
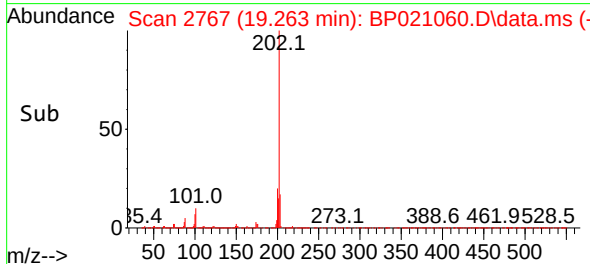
Instrument :
BNA_P
ClientSampleId :
A4BY7



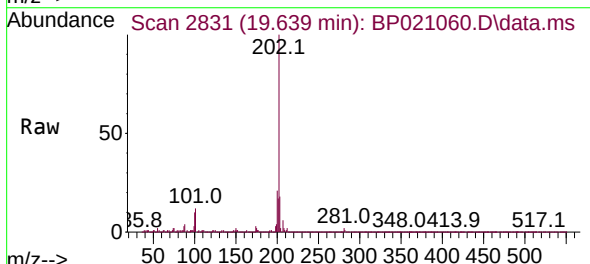
Tgt Ion:202 Resp: 984520
Ion Ratio Lower Upper
202 100
101 9.9 8.0 12.0
100 7.5 6.1 9.1

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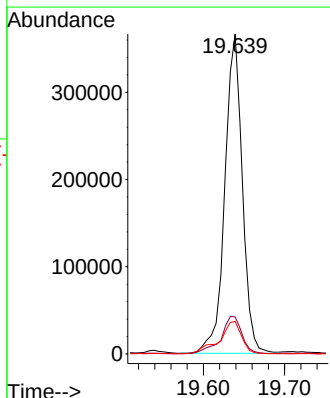
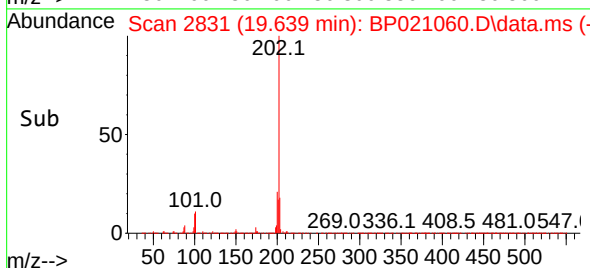
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/20/2024

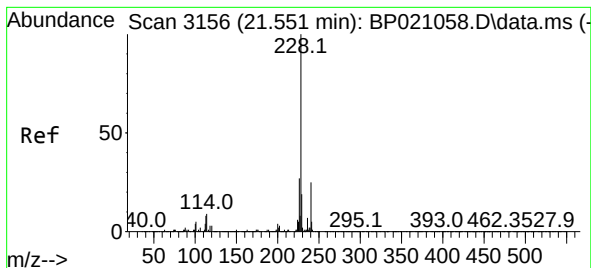


#82
Pyrene
Concen: 7.035 ng/uI
RT: 19.639 min Scan# 2831
Delta R.T. -0.006 min
Lab File: BP021060.D
Acq: 19 Jul 2024 01:30



Tgt Ion:202 Resp: 548840
Ion Ratio Lower Upper
202 100
101 11.6 9.4 14.2
100 10.2 7.8 11.6





#85

Benzo(a)anthracene

Concen: 6.509 ng/ul

RT: 21.545 min Scan# 3156

Delta R.T. -0.018 min

Lab File: BP021060.D

Acq: 19 Jul 2024 01:30

Instrument :

BNA_P

ClientSampleId :

A4BY7

Tgt Ion:228 Resp: 46826

Ion Ratio Lower Upper

228 100

229 20.5 15.5 23.3

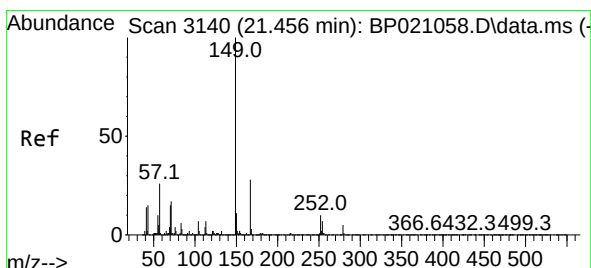
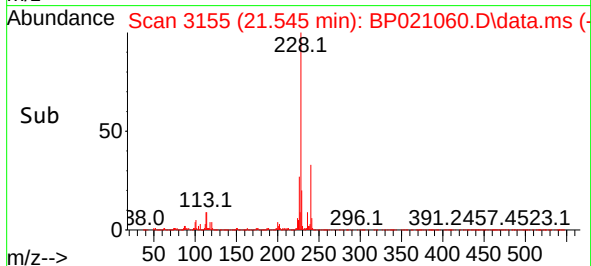
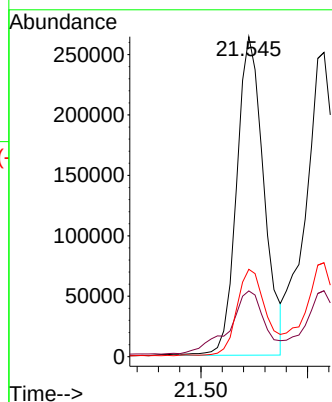
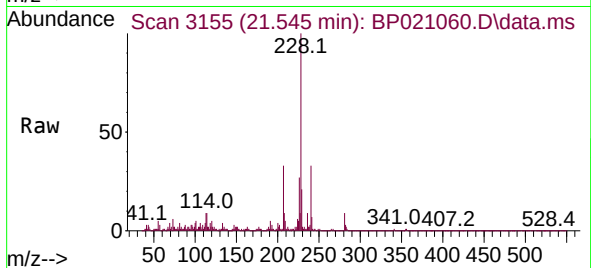
226 27.3 21.4 32.2

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 2.821 ng/ul

RT: 21.463 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BP021060.D

Acq: 19 Jul 2024 01:30

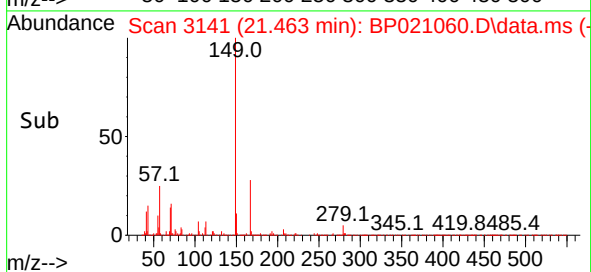
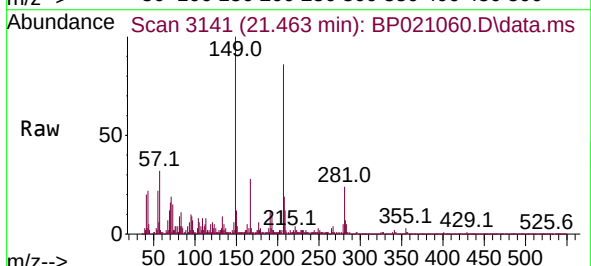
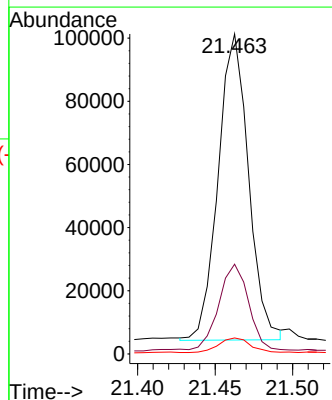
Tgt Ion:149 Resp: 131964

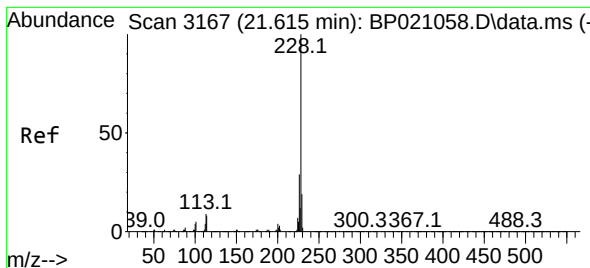
Ion Ratio Lower Upper

149 100

167 28.1 22.1 33.1

279 5.0 3.7 5.5





#87

Chrysene

Concen: 7.253 ng/ul

RT: 21.615 min Scan# 3167

Delta R.T. -0.012 min

Lab File: BP021060.D

Acq: 19 Jul 2024 01:30

Instrument :

BNA_P

ClientSampleId :

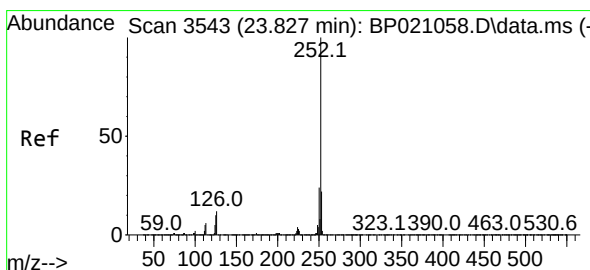
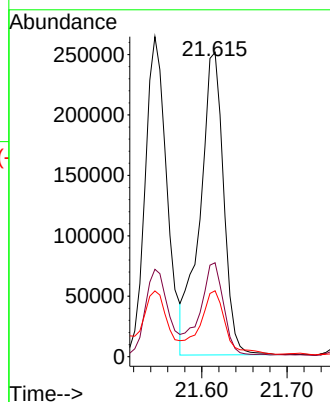
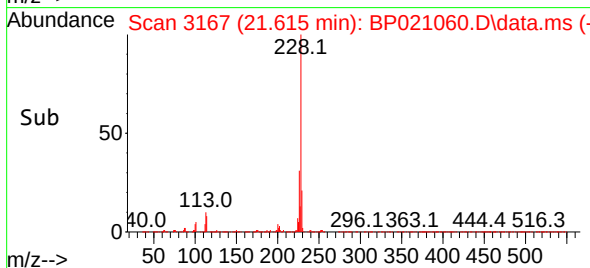
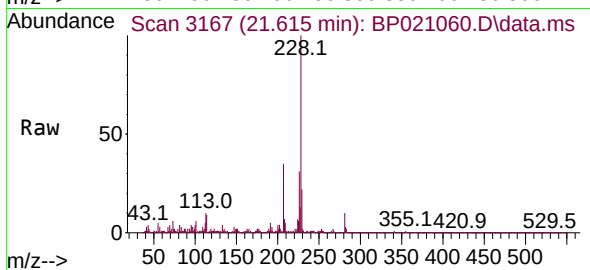
A4BY7

Tgt Ion:228 Resp: 484790
 Ion Ratio Lower Upper
 228 100
 226 30.9 23.6 35.4
 229 21.7 15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 8.698 ng/ul

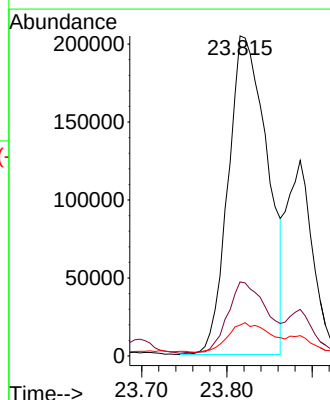
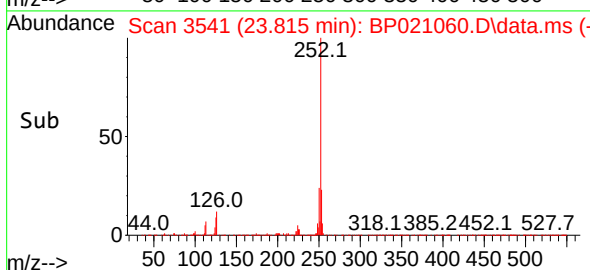
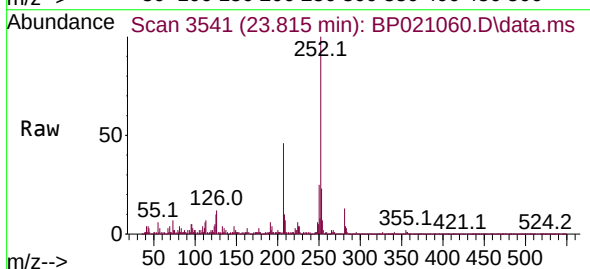
RT: 23.815 min Scan# 3541

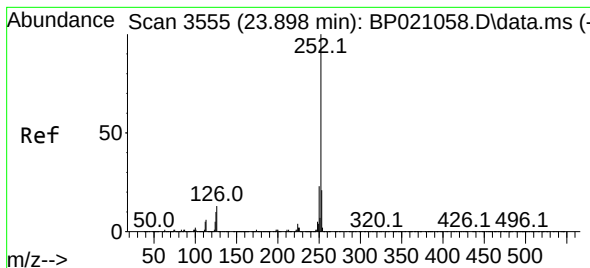
Delta R.T. -0.035 min

Lab File: BP021060.D

Acq: 19 Jul 2024 01:30

Tgt Ion:252 Resp: 654063
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.1 25.7
 125 9.6 7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 3.492 ng/ul

RT: 23.886 min Scan# 3555

Delta R.T. -0.035 min

Lab File: BP021060.D

Acq: 19 Jul 2024 01:30

Instrument :

BNA_P

ClientSampleId :

A4BY7

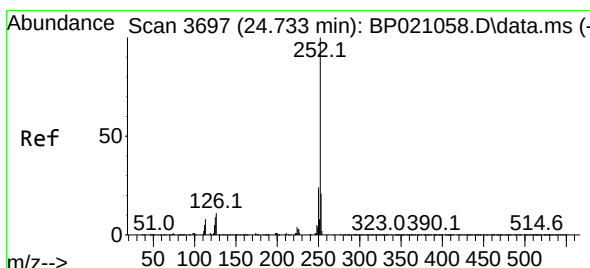
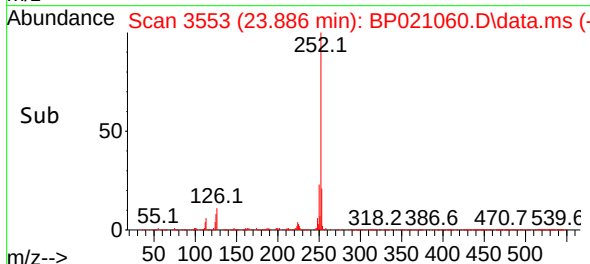
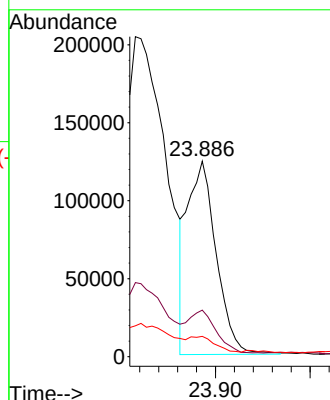
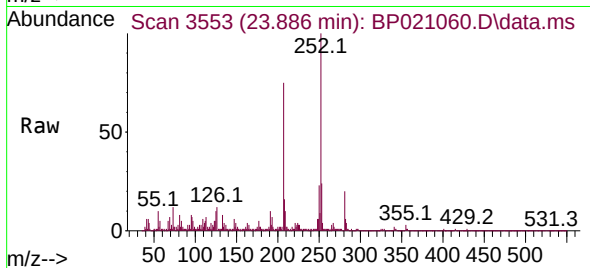
Tgt Ion:	252	Resp:	262089
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.4	26.2
125	10.4	7.4	11.0

Manual Integrations

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Supervised By :mohammad ahmed 07/20/2024



#93

Benzo(a)pyrene

Concen: 2.332 ng/ul

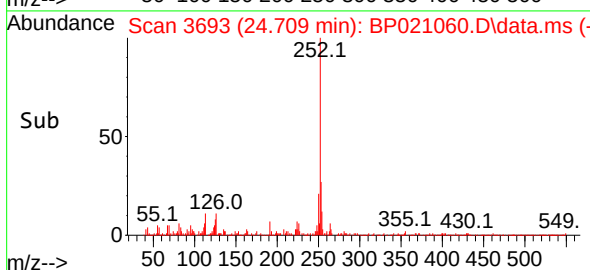
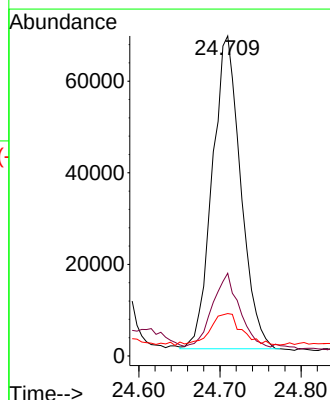
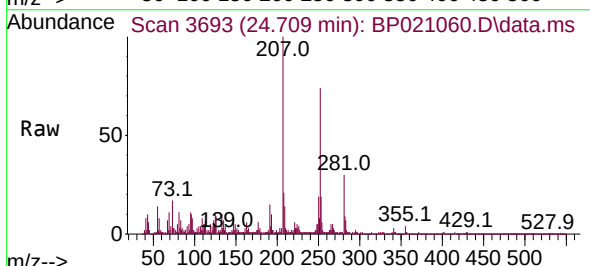
RT: 24.709 min Scan# 3693

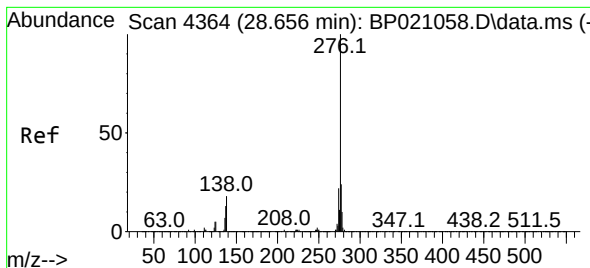
Delta R.T. -0.053 min

Lab File: BP021060.D

Acq: 19 Jul 2024 01:30

Tgt Ion:	252	Resp:	165689
Ion Ratio	Lower	Upper	
252	100		
253	25.9	17.4	26.0
125	13.3	7.7	11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.939 ng/ul

RT: 28.645 min Scan# 4364

Delta R.T. -0.059 min

Lab File: BP021060.D

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Instrument :

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A4BY7

Tgt Ion:276 Resp: 17750

Ion Ratio Lower Upper

276 100

138 18.8 14.3 21.5

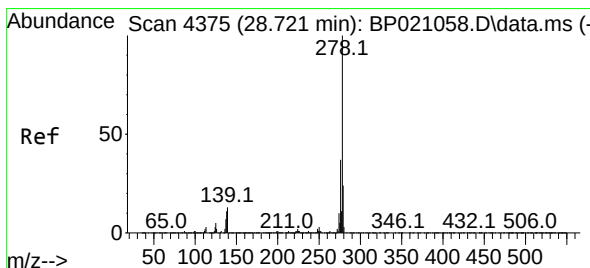
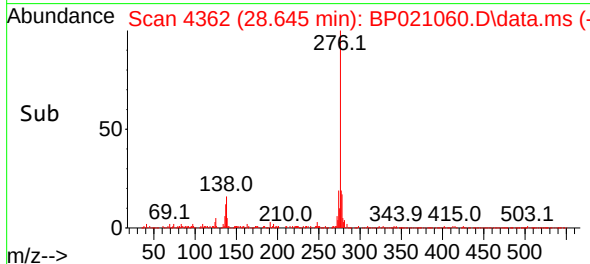
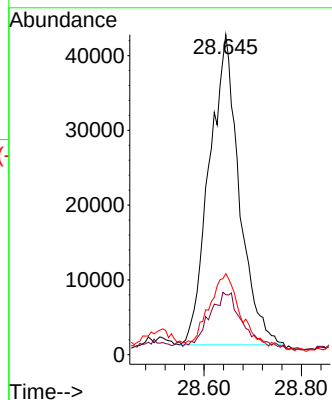
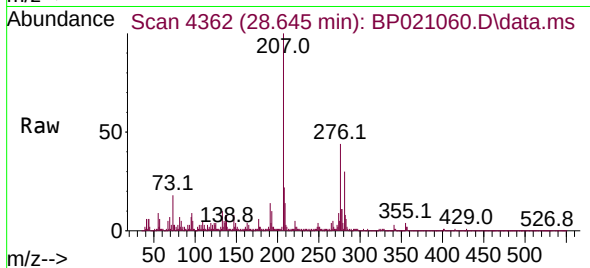
277 25.3 19.2 28.8

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Supervised By :mohammad ahmed 07/20/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.199 ng/ul m

RT: 28.692 min Scan# 4370

Delta R.T. -0.047 min

Lab File: BP021060.D

Acq: 19 Jul 2024 01:30

Tgt Ion:278 Resp: 90928

Ion Ratio Lower Upper

278 100

139 16.3 10.9 16.3#

279 29.7 19.4 29.0#

