

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021063.D
 Acq On : 19 Jul 2024 03:37
 Operator : MA/JU
 Sample : P3201-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CH9

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 04:05:00 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	204784	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	811018	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	534603	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	1145919	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	1076876	20.000	ng/u1	-0.02
88) Perylene-d12	24.886	264	1345818	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	15419	3.426	ng/uL	0.00
4) Pyridine-d5	3.670	84	19969	1.533	ng/u1	0.01
7) Phenol-d5	6.899	99	345233	20.678	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	200068	19.774	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	284138	20.656	ng/u1	0.00
15) 4-Methylphenol-d8	8.410	113	278480	20.083	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	134905	21.416	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	160330	22.238	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	274685	21.069	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	287453	16.643	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	867327	22.318	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	993640	22.770	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	132092m	23.889	ng/u1	0.00
60) Fluorene-d10	15.322	176	773468	24.260	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	113623	16.388	ng/u1	0.00
73) Anthracene-d10	17.228	188	1207250	23.720	ng/u1	0.00
81) Pyrene-d10	19.610	212	1323090	19.873	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.657	264	1118429	16.850	ng/u1	-0.03
Target Compounds					Qvalue	
72) Phenanthrene	17.169	178	265087	4.459	ng/u1	99
80) Fluoranthene	19.263	202	380850	4.737	ng/u1	99
82) Pyrene	19.639	202	270600	3.307	ng/u1	98
85) Benzo(a)anthracene	21.545	228	178750	2.370	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.463	149	49821	1.016	ng/u1#	96
87) Chrysene	21.610	228	176277	2.515	ng/u1	95
90) Benzo(b)fluoranthene	23.827	252	214473	2.626	ng/u1#	85
91) Benzo(k)fluoranthene	23.898	252	90961m	1.116	ng/u1	
93) Benzo(a)pyrene	24.727	252	86563	1.122	ng/u1#	87

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

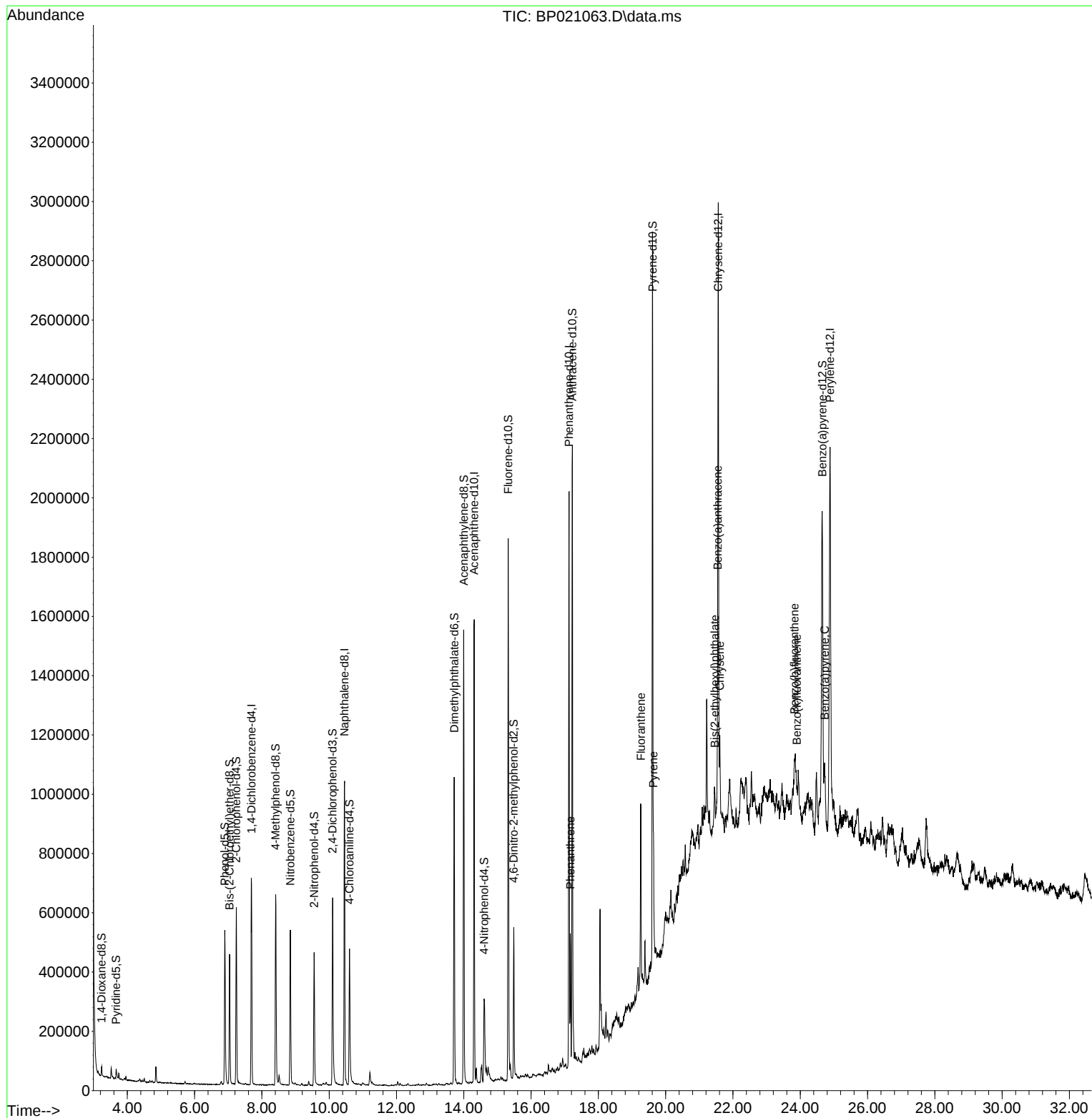
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021063.D
Acq On : 19 Jul 2024 03:37
Operator : MA/JU
Sample : P3201-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

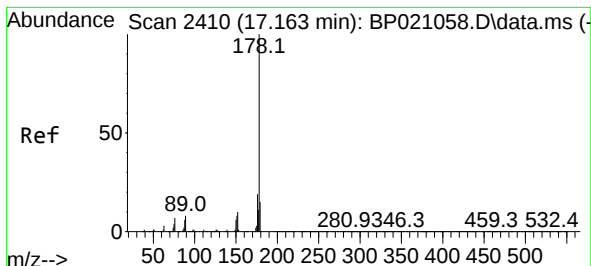
Instrument :
BNA_P
ClientSampleId :
A4CH9

Manual Integrations
APPROVED

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

Quant Time: Jul 19 04:05:00 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





#72

Phenanthrene

Concen: 4.459 ng/ul

RT: 17.169 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BP021063.D

Acq: 19 Jul 2024 03:37

Instrument :

BNA_P

ClientSampleId :

A4CH9

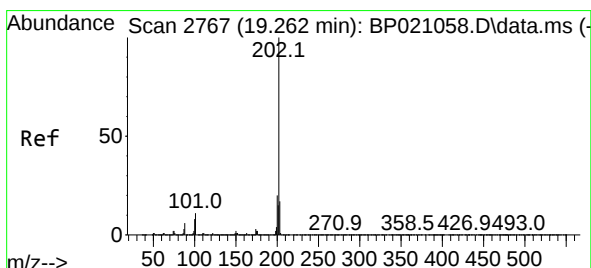
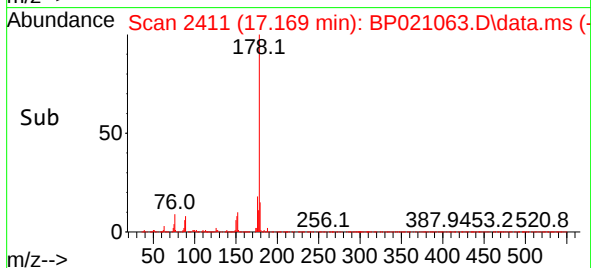
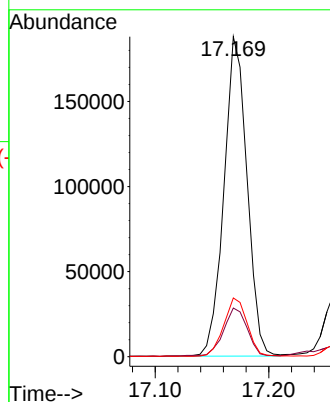
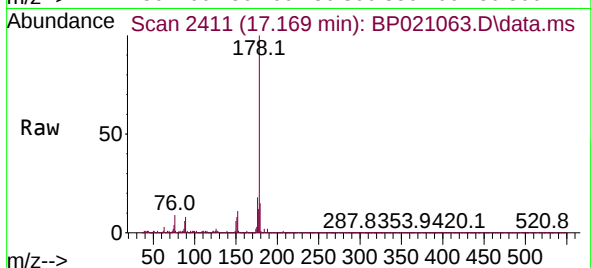
Tgt Ion:178	Resp: 26508
Ion Ratio	Lower Upper
178 100	
179 15.2	12.2 18.4
176 18.4	15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2024

Supervised By :mohammad ahmed 07/20/2024



#80

Fluoranthene

Concen: 4.737 ng/ul

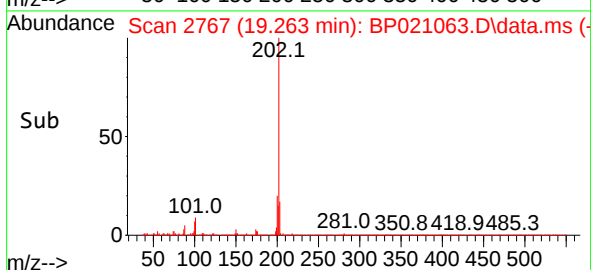
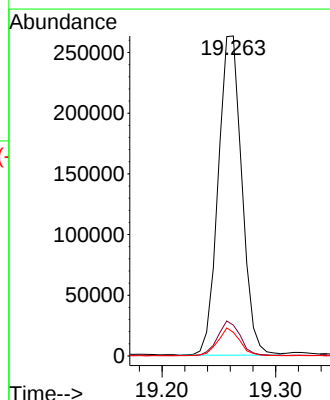
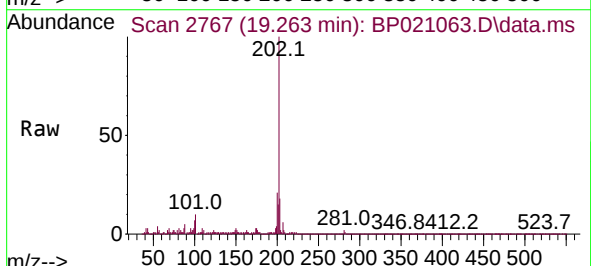
RT: 19.263 min Scan# 2767

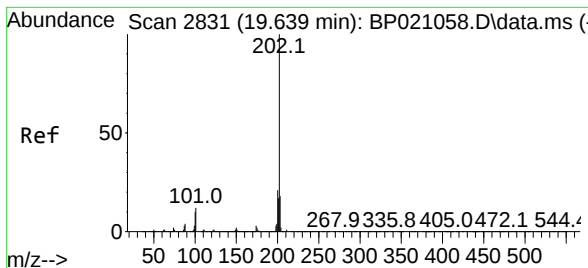
Delta R.T. 0.000 min

Lab File: BP021063.D

Acq: 19 Jul 2024 03:37

Tgt Ion:202	Resp: 380850
Ion Ratio	Lower Upper
202 100	
101 9.7	8.0 12.0
100 7.4	6.1 9.1





#82

Pyrene

Concen: 3.307 ng/ul

RT: 19.639 min Scan# 2831

Delta R.T. -0.006 min

Lab File: BP021063.D

Acq: 19 Jul 2024 03:37

Instrument :

BNA_P

ClientSampleId :

A4CH9

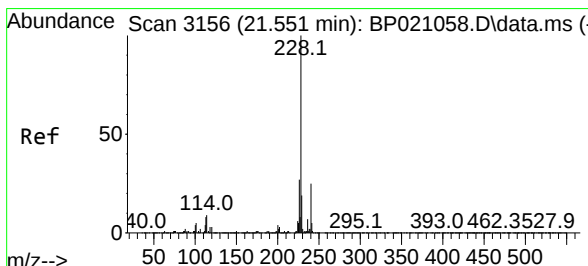
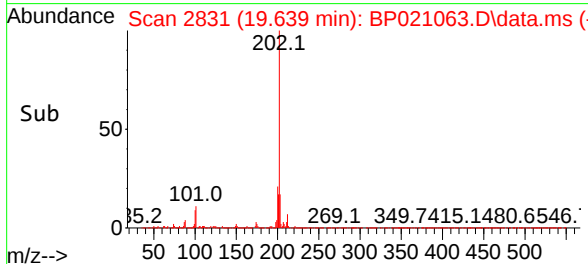
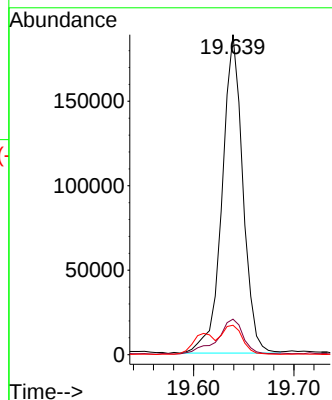
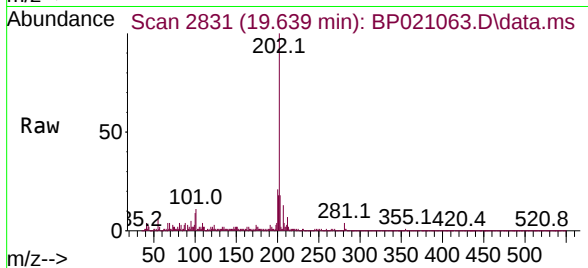
Tgt Ion:	202	Resp:	270600
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.4	14.2
100	9.2	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2024

Supervised By :mohammad ahmed 07/20/2024



#85

Benzo(a)anthracene

Concen: 2.370 ng/ul

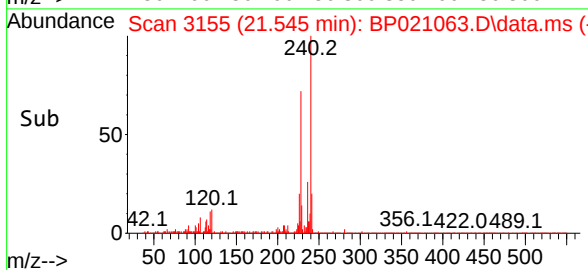
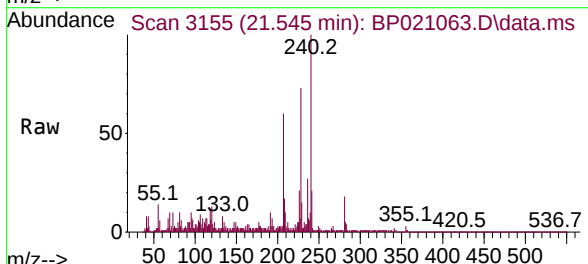
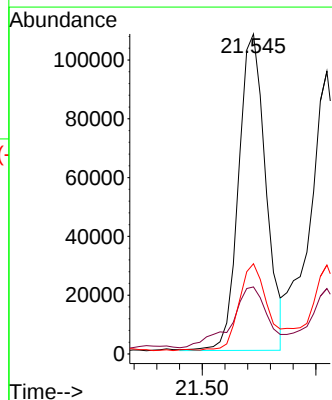
RT: 21.545 min Scan# 3155

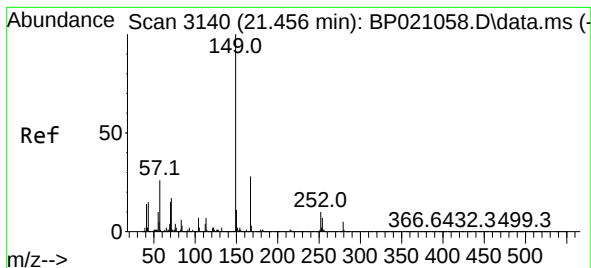
Delta R.T. -0.018 min

Lab File: BP021063.D

Acq: 19 Jul 2024 03:37

Tgt Ion:	228	Resp:	178750
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.5	23.3
226	28.2	21.4	32.2





#86

Bis(2-ethylhexyl)phthalate

Concen: 1.016 ng/ul

RT: 21.463 min Scan# 3140

Delta R.T. -0.006 min

Lab File: BP021063.D

Acq: 19 Jul 2024 03:37

Instrument :

BNA_P

ClientSampleId :

A4CH9

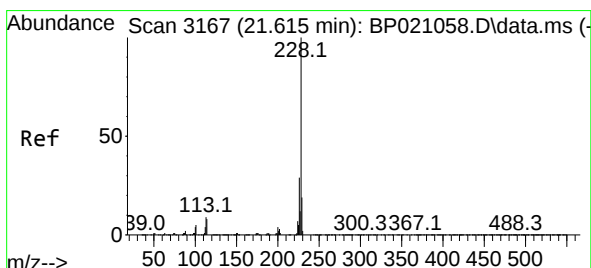
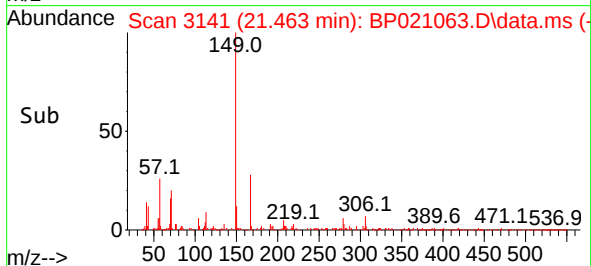
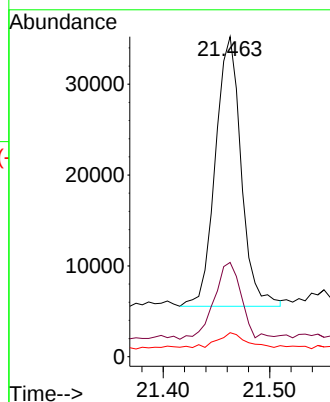
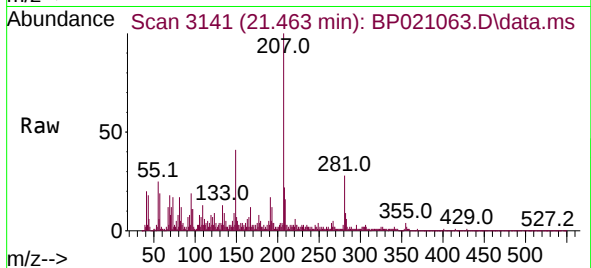
Tgt Ion:	149	Resp:	4982
Ion Ratio	Lower	Upper	
149	100		
167	29.4	22.1	33.1
279	7.5	3.7	5.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2024

Supervised By :mohammad ahmed 07/20/2024



#87

Chrysene

Concen: 2.515 ng/ul

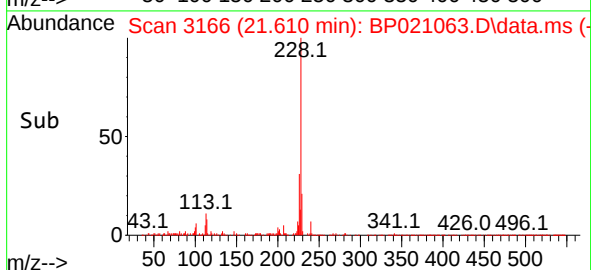
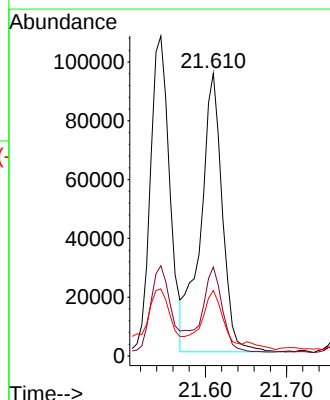
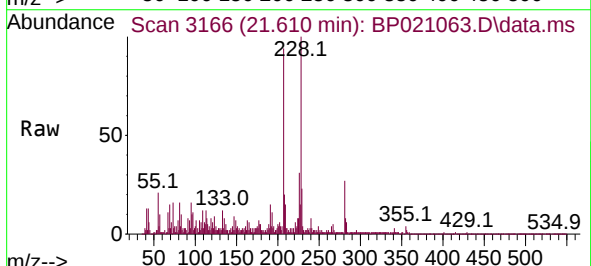
RT: 21.610 min Scan# 3166

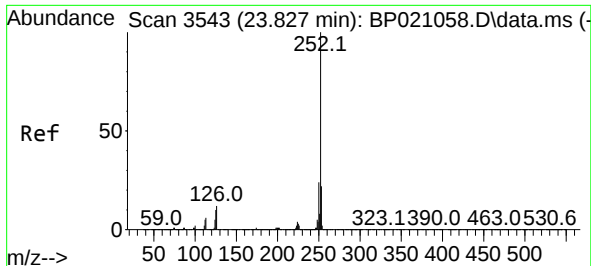
Delta R.T. -0.018 min

Lab File: BP021063.D

Acq: 19 Jul 2024 03:37

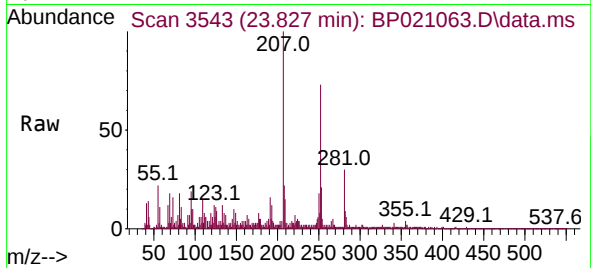
Tgt Ion:	228	Resp:	176277
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.6	35.4
229	23.1	15.5	23.3





#90
Benzo(b)fluoranthene
Concen: 2.626 ng/ul
RT: 23.827 min Scan# 3543
Delta R.T. -0.023 min
Lab File: BP021063.D
Acq: 19 Jul 2024 03:37

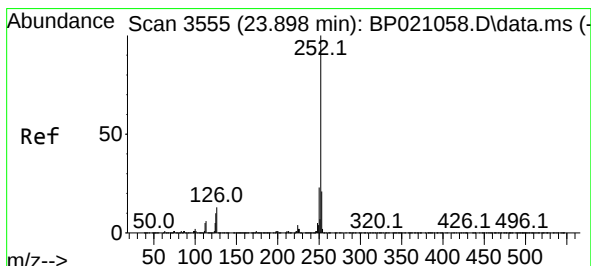
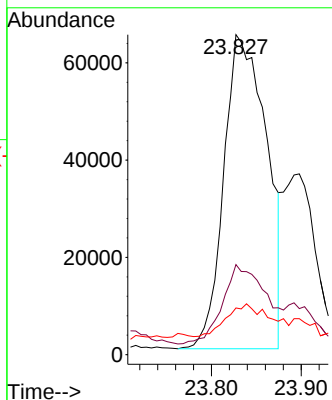
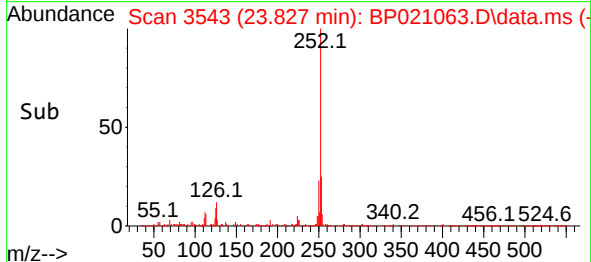
Instrument :
BNA_P
ClientSampleId :
A4CH9



Tgt Ion:252 Resp: 21447
Ion Ratio Lower Upper
252 100
253 28.1 17.1 25.7
125 14.6 7.0 10.4

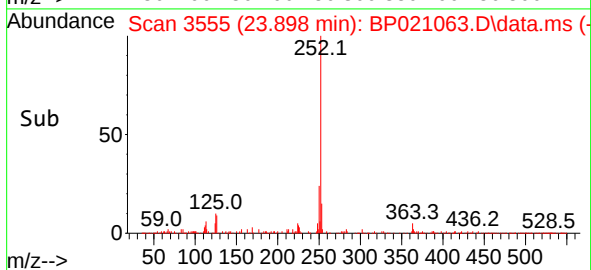
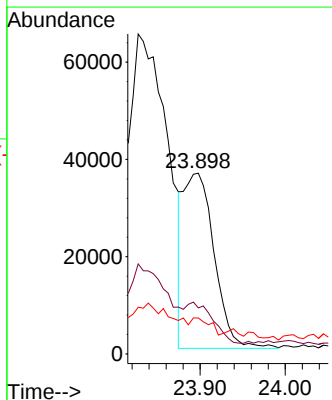
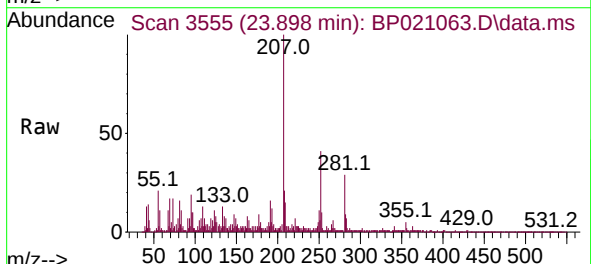
Manual Integrations
APPROVED

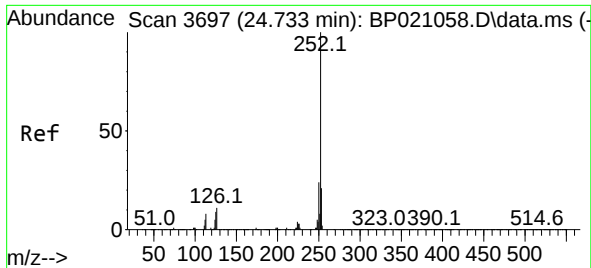
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/20/2024



#91
Benzo(k)fluoranthene
Concen: 1.116 ng/ul m
RT: 23.898 min Scan# 3555
Delta R.T. -0.023 min
Lab File: BP021063.D
Acq: 19 Jul 2024 03:37

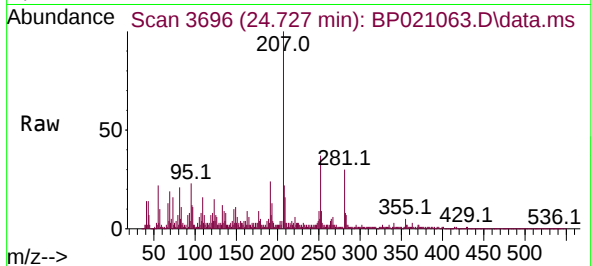
Tgt Ion:252 Resp: 90961
Ion Ratio Lower Upper
252 100
253 25.5 17.4 26.2
125 19.9 7.4 11.0





#93
Benzo(a)pyrene
Concen: 1.122 ng/ul
RT: 24.727 min Scan# 30
Delta R.T. -0.035 min
Lab File: BP021063.D
Acq: 19 Jul 2024 03:37

Instrument :
BNA_P
ClientSampleId :
A4CH9



Tgt Ion:252 Resp: 8656
Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.0
125 19.3 7.7 11.5

Manual Integrations
APPROVED

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

