

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020665.D
 Acq On : 27 Jun 2024 17:20
 Operator : MA/JU
 Sample : P2909-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CP1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 27 18:36:53 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	190533	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.516	136	792809	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.375	164	521022	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	1040091	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	644461	20.000	ng/u1	0.01
88) Perylene-d12	25.021	264	747173	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	15395	3.470	ng/uL	0.00
4) Pyridine-d5	3.693	84	36881	2.852	ng/u1	0.00
7) Phenol-d5	6.922	99	287950	18.426	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	198746	20.061	ng/u1	0.00
11) 2-Chlorophenol-d4	7.281	132	259767	20.339	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	121390	9.564	ng/u1	0.00
21) Nitrobenzene-d5	8.899	128	133717	22.845	ng/u1	0.00
24) 2-Nitrophenol-d4	9.610	143	149855	25.583	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	248096	20.562	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	106484m	6.297	ng/u1	0.00
46) Dimethylphthalate-d6	13.781	166	894341	24.688	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	1014976	23.480	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	83957	15.168	ng/u1	0.00
60) Fluorene-d10	15.387	176	768256	25.202	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	110376	21.058	ng/u1	0.00
73) Anthracene-d10	17.286	188	1017722	21.802	ng/u1	0.00
81) Pyrene-d10	19.680	212	940624	24.295	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.798	264	542923	14.938	ng/u1	0.04
Target Compounds					Qvalue	
72) Phenanthrene	17.228	178	290179	5.328	ng/u1	98
80) Fluoranthene	19.322	202	576371	12.187	ng/u1	99
82) Pyrene	19.704	202	378108	7.796	ng/u1	98
85) Benzo(a)anthracene	21.633	228	202304	4.479	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.574	149	54434	1.947	ng/u1#	96
87) Chrysene	21.704	228	231123	5.413	ng/u1	97
90) Benzo(b)fluoranthene	23.963	252	304172	6.720	ng/u1	98
91) Benzo(k)fluoranthene	24.027	252	104753m	2.288	ng/u1	
93) Benzo(a)pyrene	24.863	252	103271	2.417	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.833	276	112631m	2.055	ng/u1	
95) Dibenzo(a,h)anthracene	28.933	278	48977m	1.087	ng/u1	

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

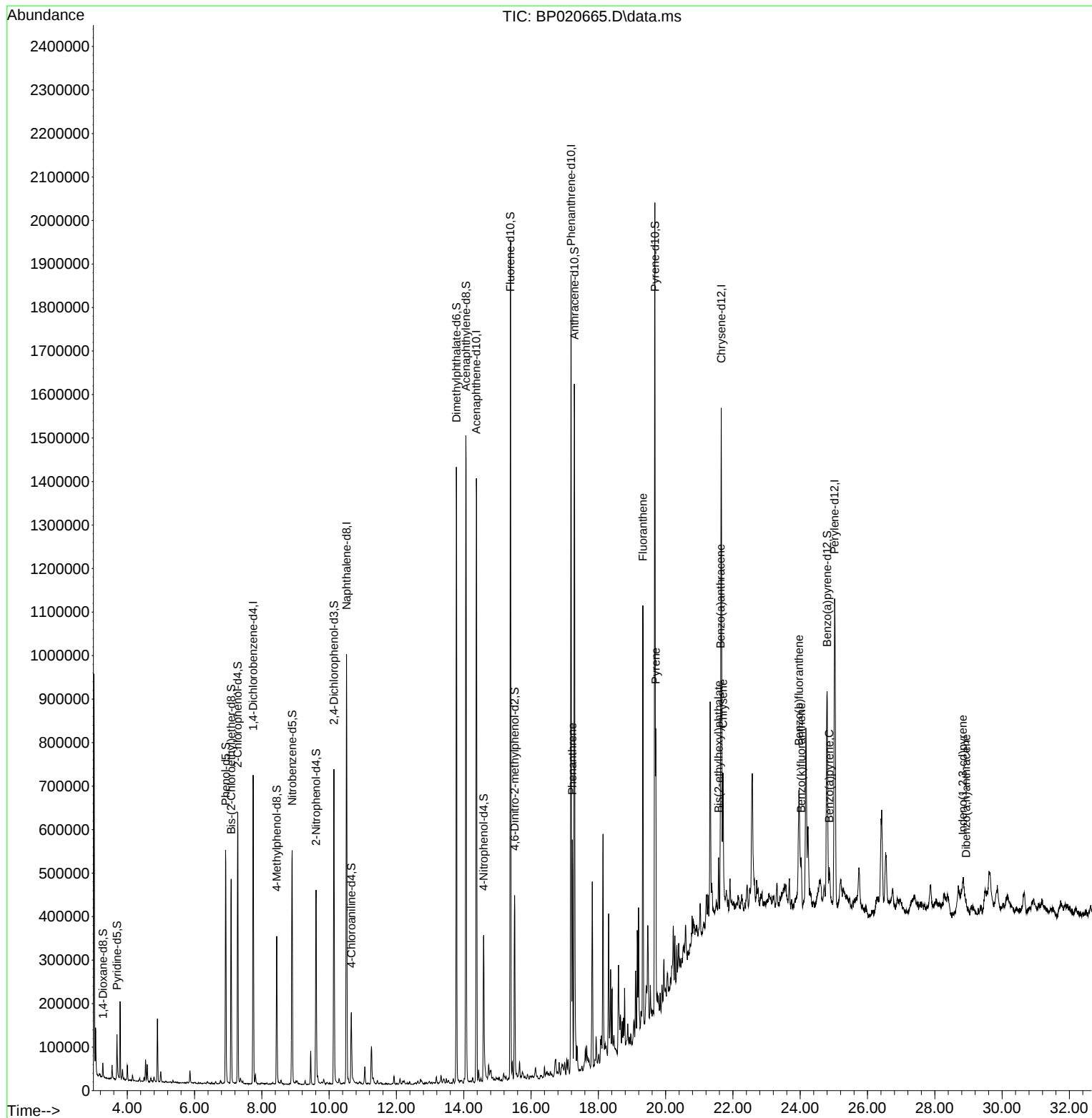
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020665.D
 Acq On : 27 Jun 2024 17:20
 Operator : MA/JU
 Sample : P2909-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

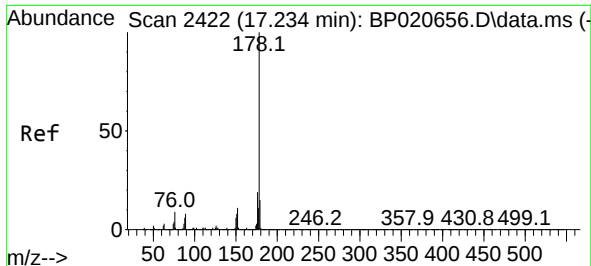
Instrument :
 BNA_P
 ClientSampleId :
 A4CP1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024

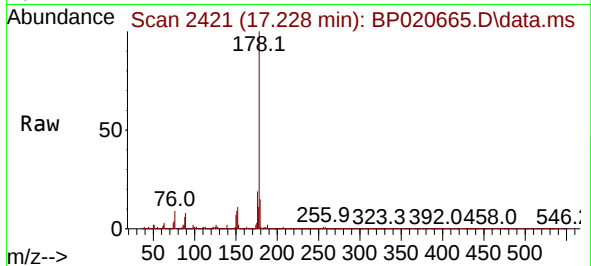
Quant Time: Jun 27 18:36:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration





#72
Phenanthrene
Concen: 5.328 ng/ul
RT: 17.228 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BP020665.D
Acq: 27 Jun 2024 17:20

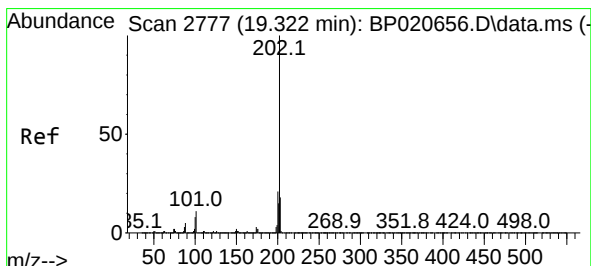
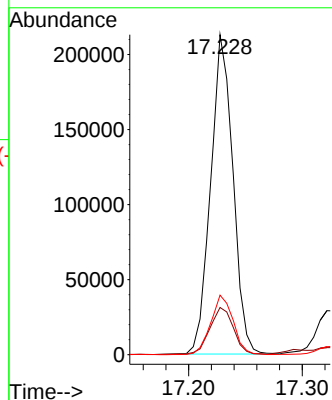
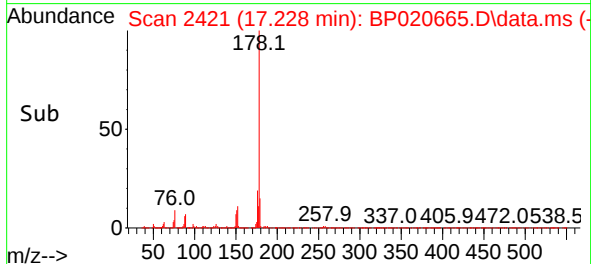
Instrument :
BNA_P
ClientSampleId :
A4CP1



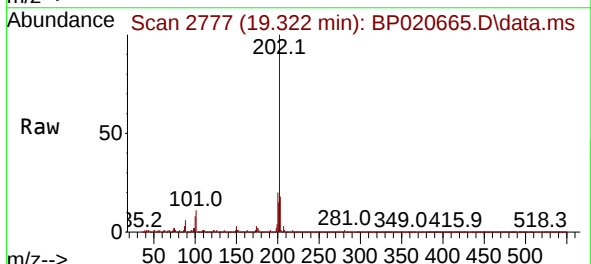
Tgt Ion:178 Resp: 290179
Ion Ratio Lower Upper
178 100
179 14.7 12.4 18.6
176 18.6 15.4 23.2

Manual Integrations
APPROVED

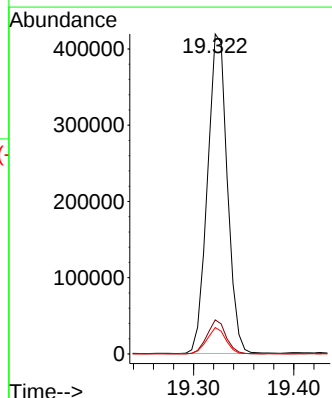
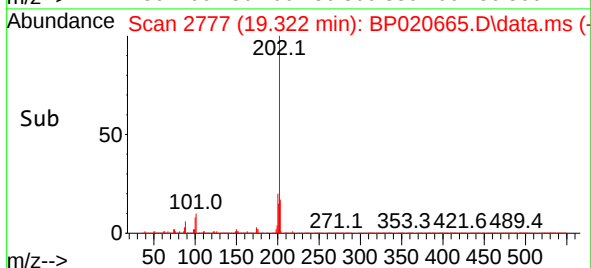
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

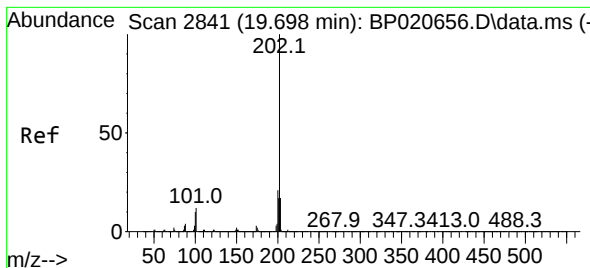


#80
Fluoranthene
Concen: 12.187 ng/ul
RT: 19.322 min Scan# 2777
Delta R.T. 0.000 min
Lab File: BP020665.D
Acq: 27 Jun 2024 17:20



Tgt Ion:202 Resp: 576371
Ion Ratio Lower Upper
202 100
101 10.6 8.2 12.4
100 8.3 6.6 10.0





#82

Pyrene

Concen: 7.796 ng/ul

RT: 19.704 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020665.D

Acq: 27 Jun 2024 17:20

Instrument :

BNA_P

ClientSampleId :

A4CP1

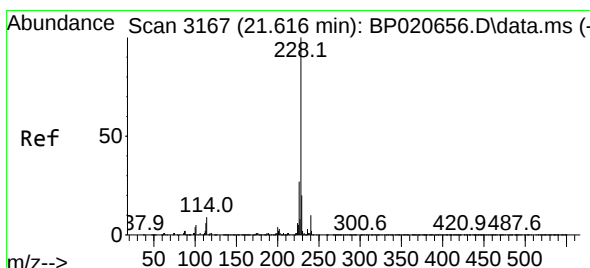
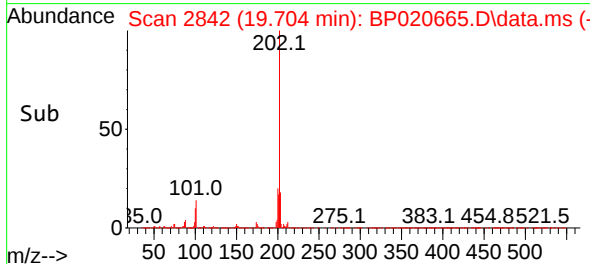
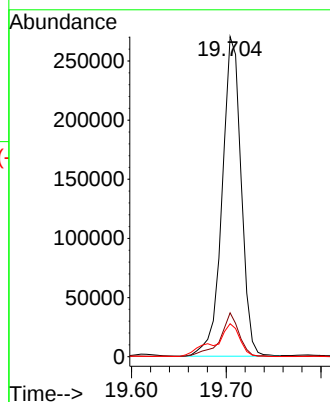
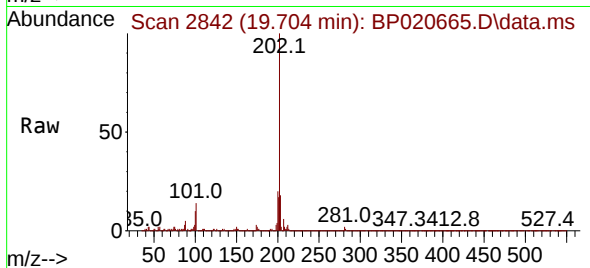
Tgt Ion:	202	Resp:	378108
Ion Ratio	Lower	Upper	
202	100		
101	13.7	9.8	14.8
100	10.3	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :mohammad ahmed 06/29/2024



#85

Benzo(a)anthracene

Concen: 4.479 ng/ul

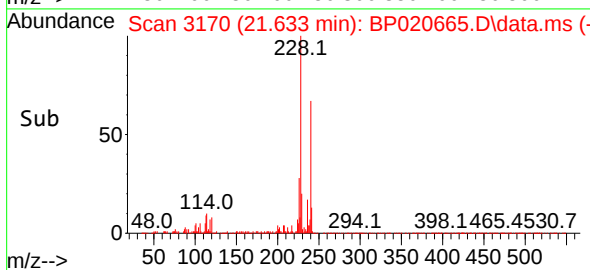
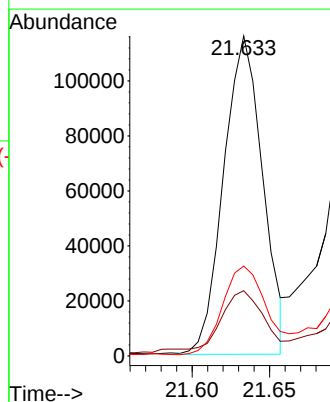
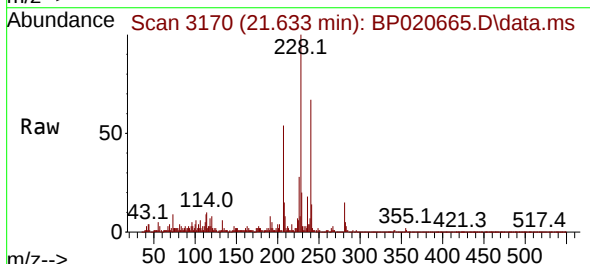
RT: 21.633 min Scan# 3170

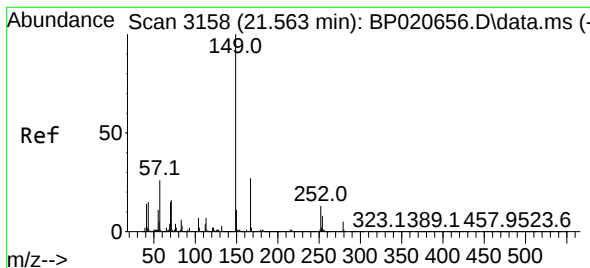
Delta R.T. 0.012 min

Lab File: BP020665.D

Acq: 27 Jun 2024 17:20

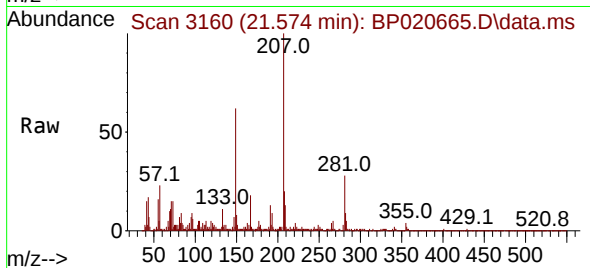
Tgt Ion:	228	Resp:	202304
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.2	22.8
226	28.1	21.1	31.7





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.947 ng/ul
RT: 21.574 min Scan# 3158
Delta R.T. 0.006 min
Lab File: BP020665.D
Acq: 27 Jun 2024 17:20

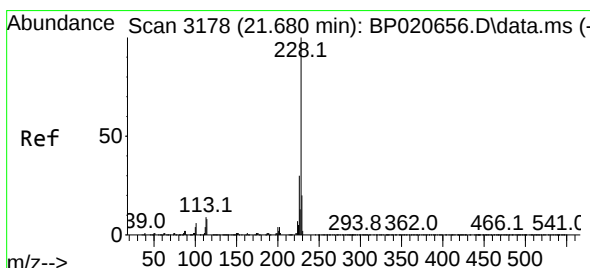
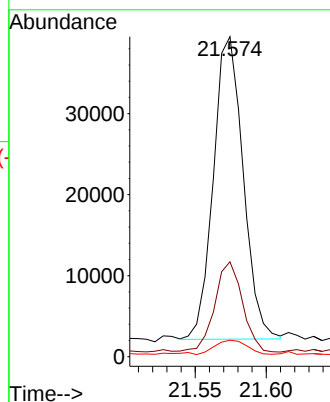
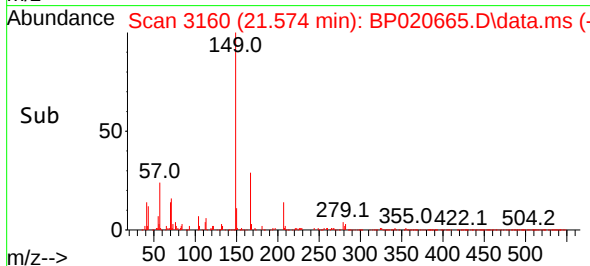
Instrument :
BNA_P
ClientSampleId :
A4CP1



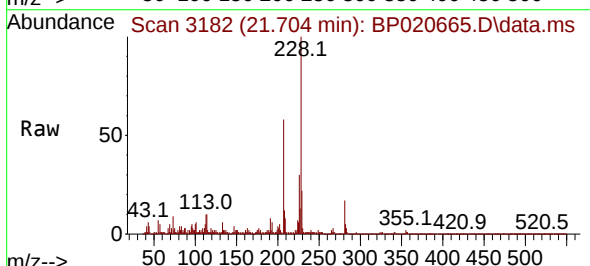
Tgt Ion:149 Resp: 54434
Ion Ratio Lower Upper
149 100
167 29.7 22.0 33.0
279 5.2 3.3 4.9

Manual Integrations
APPROVED

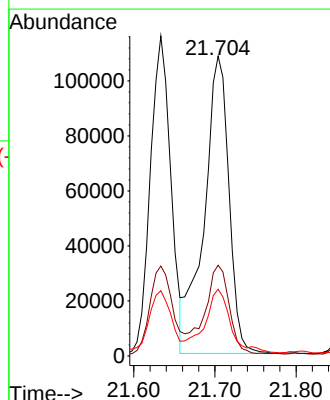
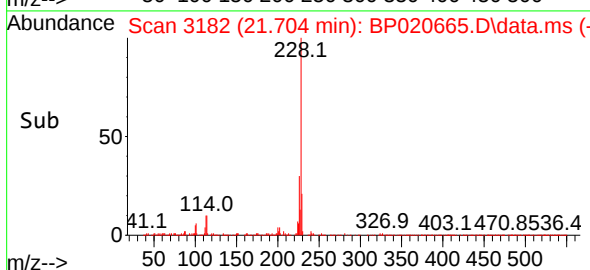
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

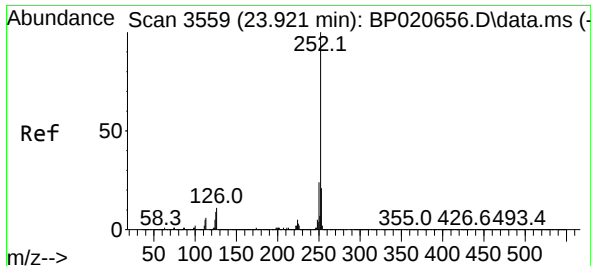


#87
Chrysene
Concen: 5.413 ng/ul
RT: 21.704 min Scan# 3182
Delta R.T. 0.012 min
Lab File: BP020665.D
Acq: 27 Jun 2024 17:20



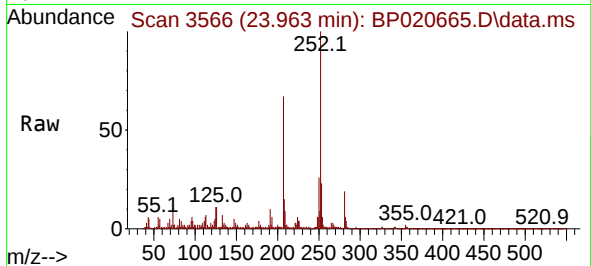
Tgt Ion:228 Resp: 231123
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.6
229 22.3 16.1 24.1





#90
Benzo(b)fluoranthene
Concen: 6.720 ng/ul
RT: 23.963 min Scan# 3559
Delta R.T. 0.024 min
Lab File: BP020665.D
Acq: 27 Jun 2024 17:20

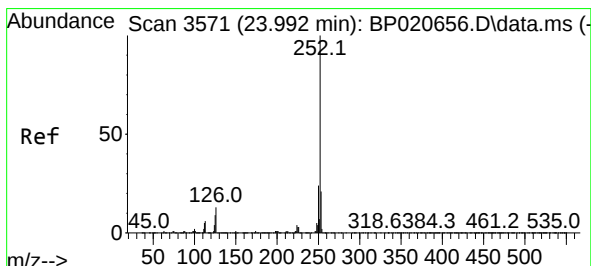
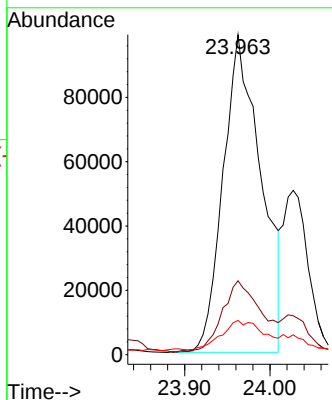
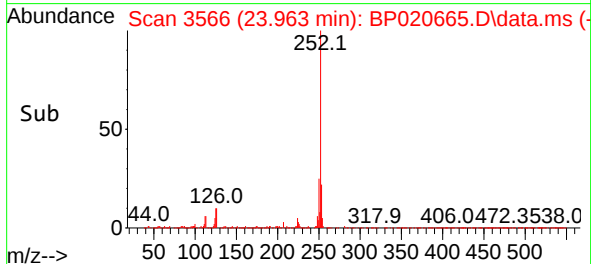
Instrument :
BNA_P
ClientSampleId :
A4CP1



Tgt Ion:252 Resp: 304172
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 10.7 7.9 11.9

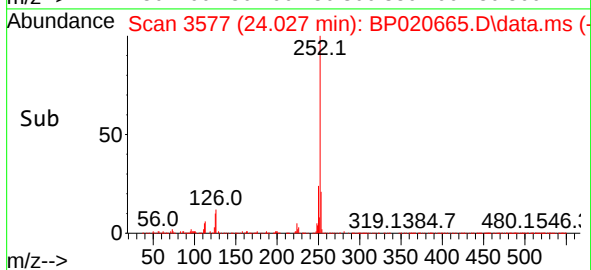
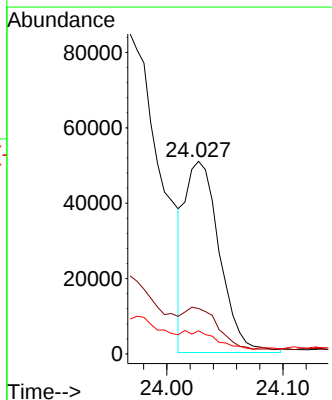
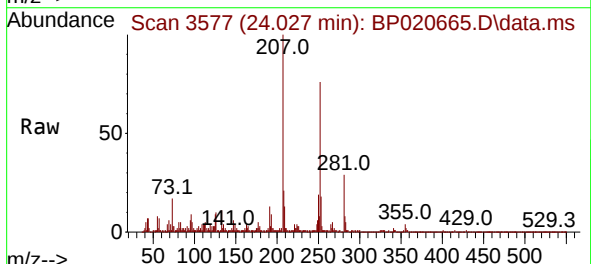
Manual Integrations
APPROVED

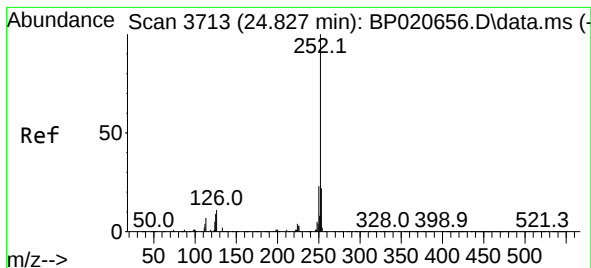
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024



#91
Benzo(k)fluoranthene
Concen: 2.288 ng/ul m
RT: 24.027 min Scan# 3577
Delta R.T. 0.024 min
Lab File: BP020665.D
Acq: 27 Jun 2024 17:20

Tgt Ion:252 Resp: 104753
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 12.1 7.9 11.9#





#93

Benzo(a)pyrene

Concen: 2.417 ng/ul

RT: 24.863 min Scan# 3719

Delta R.T. 0.018 min

Lab File: BP020665.D

Acq: 27 Jun 2024 17:20

Instrument :

BNA_P

ClientSampleId :

A4CP1

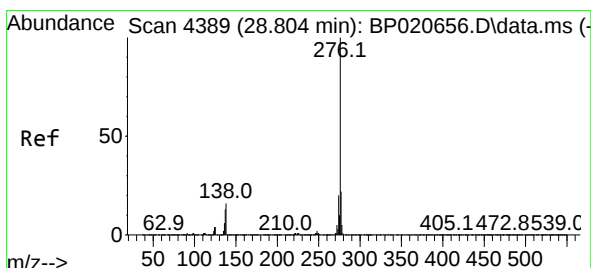
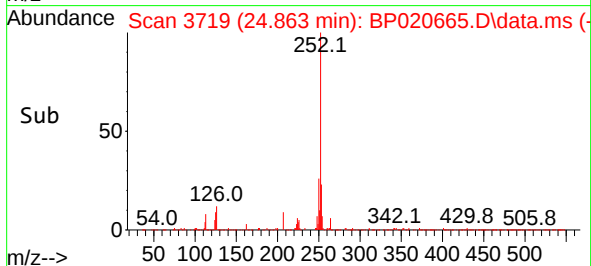
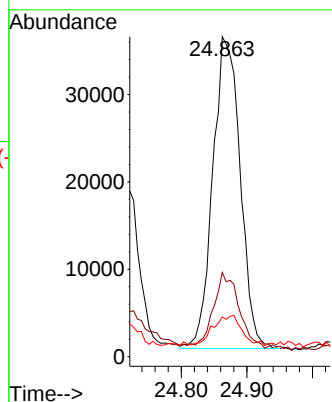
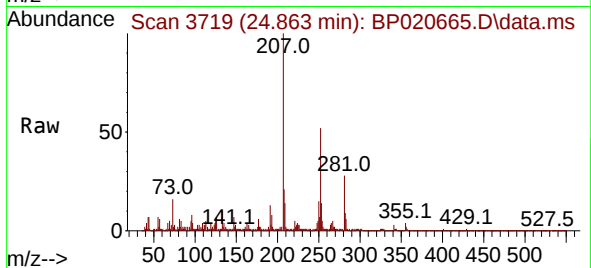
Tgt Ion:252 Resp: 10327
 Ion Ratio Lower Upper
 252 100
 253 26.3 17.4 26.2
 125 12.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :mohammad ahmed 06/29/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.055 ng/ul m

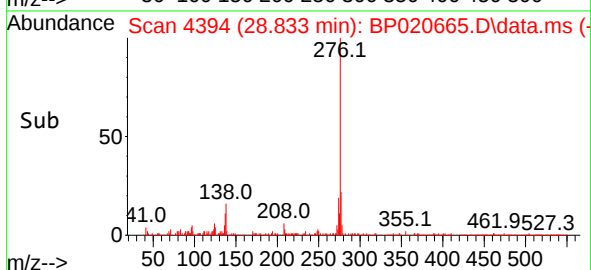
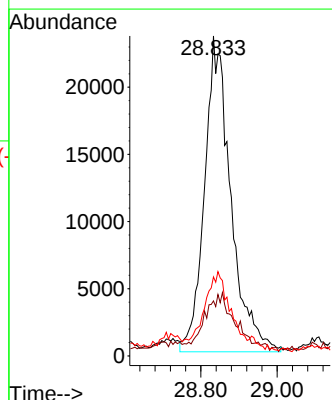
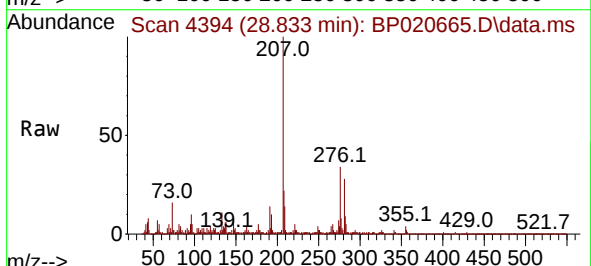
RT: 28.833 min Scan# 4394

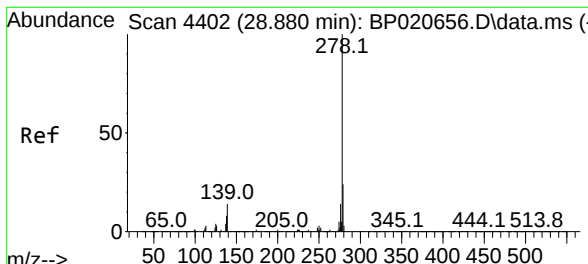
Delta R.T. 0.018 min

Lab File: BP020665.D

Acq: 27 Jun 2024 17:20

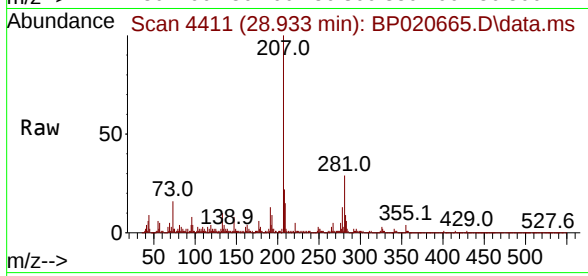
Tgt Ion:276 Resp: 112631
 Ion Ratio Lower Upper
 276 100
 138 17.2 15.2 22.8
 277 24.7 19.0 28.4





#95
 Dibenzo(a,h)anthracene
 Concen: 1.087 ng/ul m
 RT: 28.933 min Scan# 4411
 Delta R.T. 0.035 min
 Lab File: BP020665.D
 Acq: 27 Jun 2024 17:20

Instrument : BNA_P
 ClientSampleId : A4CP1



Tgt Ion: 278 Resp: 4897

Ion	Ratio	Lower	Upper
278	100		
139	17.5	11.1	16.7
279	27.7	18.7	28.1

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024

