

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083024\
 Data File : BP021771.D
 Acq On : 31 Aug 2024 04:38
 Operator : RC/JU
 Sample : P3733-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4497

Quant Time: Aug 31 05:09:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 29 23:56:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/02/2024
 Supervised By :mohammad ahmed 09/03/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	256340	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1000381	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.428	164	640645	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	1377790	20.000	ng/u1	0.00
79) Chrysene-d12	21.686	240	1478374	20.000	ng/u1	0.02
88) Perylene-d12	25.092	264	1797364	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	17940	2.323	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.952	99	328328	12.002	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	193105	12.971	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	223973	12.681	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	213523	10.101	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	105395	13.095	ng/u1	0.00
24) 2-Nitrophenol-d4	9.651	143	100630	12.318	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	188260m	11.694	ng/u1	0.00
31) 4-Chloroaniline-d4	10.698	131	224144	9.570	ng/u1	0.00
46) Dimethylphthalate-d6	13.828	166	654117	13.344	ng/u1	-0.01
49) Acenaphthylene-d8	14.116	160	731036	13.283	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	76402	8.192	ng/u1	0.02
60) Fluorene-d10	15.433	176	581644	14.113	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.557	200	57974	7.650	ng/u1	0.00
73) Anthracene-d10	17.339	188	907307	13.876	ng/u1	0.00
81) Pyrene-d10	19.710	212	1031356	12.204	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.851	264	850912	8.878	ng/u1	0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.599	105	44012	1.299	ng/u1	94
72) Phenanthrene	17.280	178	402398	5.320	ng/u1	100
80) Fluoranthene	19.363	202	681238	6.908	ng/u1	99
82) Pyrene	19.745	202	467975	4.481	ng/u1	96
85) Benzo(a)anthracene	21.668	228	286009	2.720	ng/u1	98
87) Chrysene	21.733	228	338517	3.420	ng/u1	97
90) Benzo(b)fluoranthene	24.004	252	495948	4.410	ng/u1	98
91) Benzo(k)fluoranthene	24.068	252	171097m	1.554	ng/u1	
93) Benzo(a)pyrene	24.921	252	183493	1.771	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.921	276	192040m	1.437	ng/u1	

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

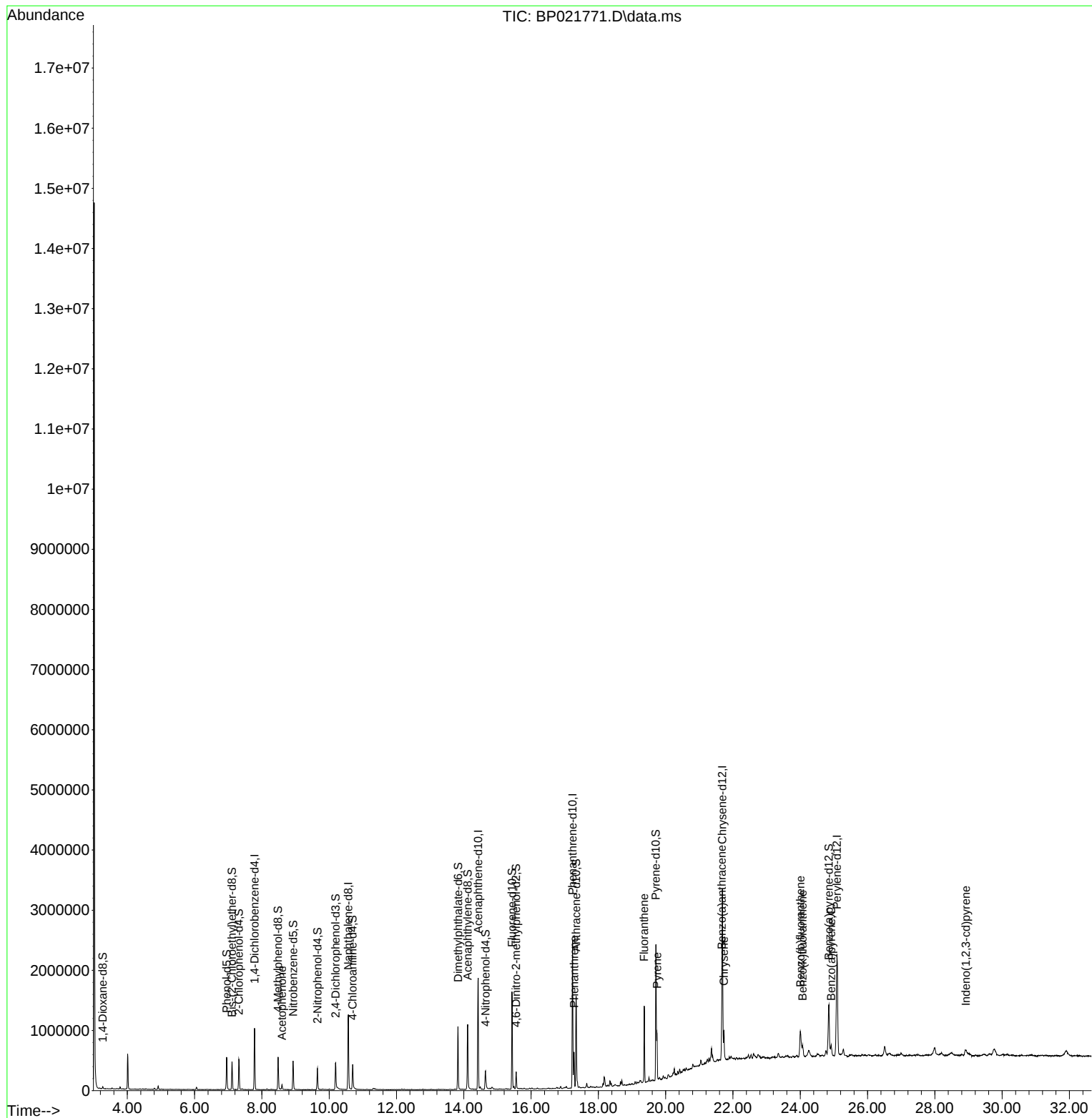
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083024\
Data File : BP021771.D
Acq On : 31 Aug 2024 04:38
Operator : RC/JU
Sample : P3733-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

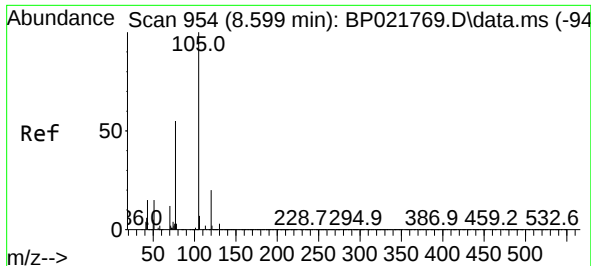
Instrument :
BNA_P
ClientSampleId :
A4497

Quant Time: Aug 31 05:09:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
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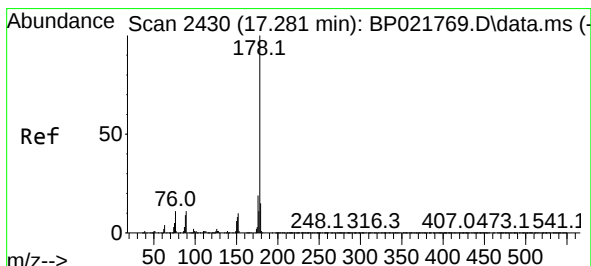
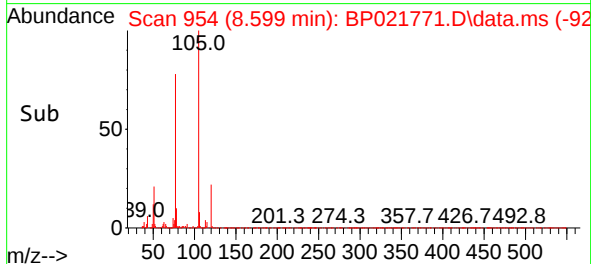
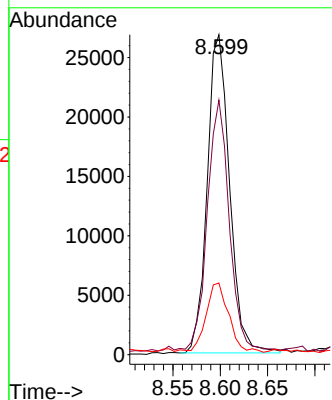
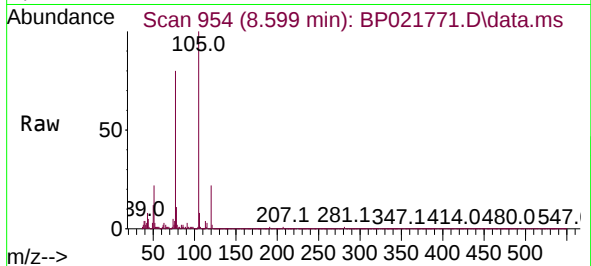
#16
Acetophenone
Concen: 1.299 ng/ul
RT: 8.599 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP021771.D
Acq: 31 Aug 2024 04:38

Instrument :
BNA_P
ClientSampleId :
A4497

Tgt Ion:105 Resp: 44012
Ion Ratio Lower Upper
105 100
77 79.5 59.4 89.2
51 22.4 16.4 24.6

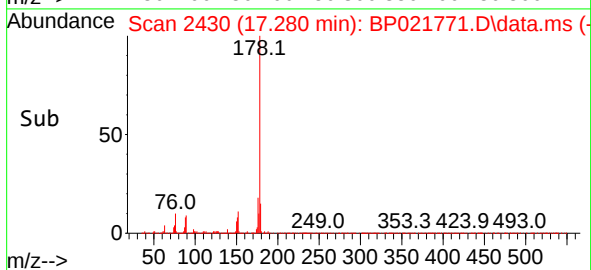
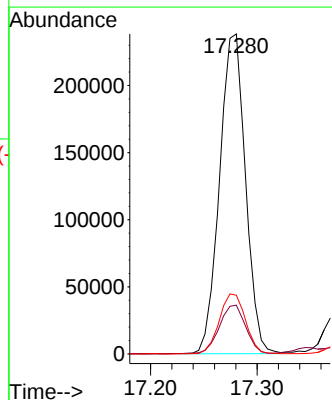
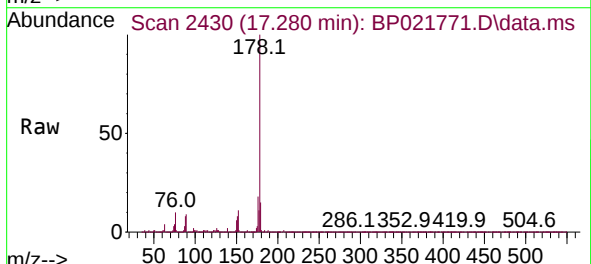
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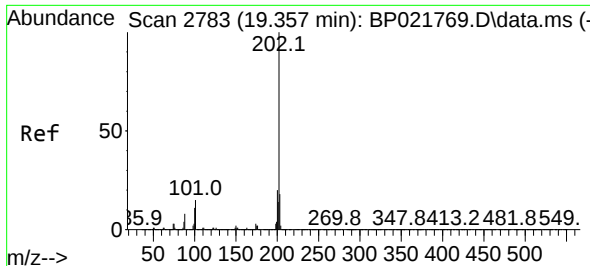
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/03/2024



#72
Phenanthrene
Concen: 5.320 ng/ul
RT: 17.280 min Scan# 2430
Delta R.T. 0.006 min
Lab File: BP021771.D
Acq: 31 Aug 2024 04:38

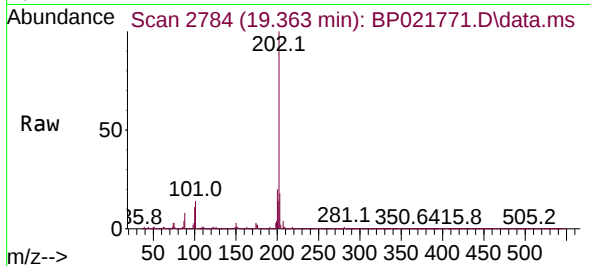
Tgt Ion:178 Resp: 402398
Ion Ratio Lower Upper
178 100
179 15.3 12.0 18.0
176 18.3 14.8 22.2





#80
Fluoranthene
Concen: 6.908 ng/u1
RT: 19.363 min Scan# 21
Delta R.T. 0.017 min
Lab File: BP021771.D
Acq: 31 Aug 2024 04:38

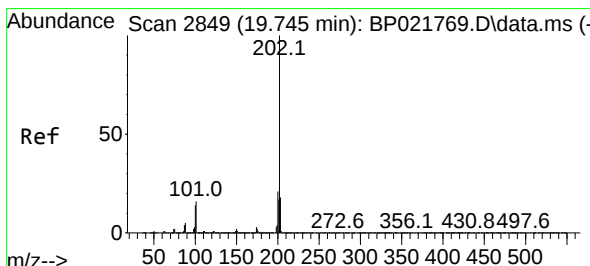
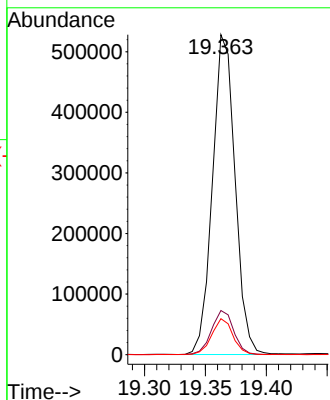
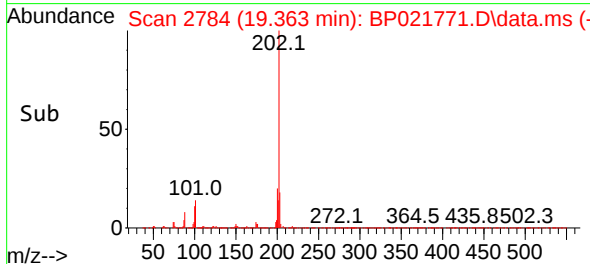
Instrument :
BNA_P
ClientSampleId :
A4497



Tgt Ion:202 Resp: 681238
Ion Ratio Lower Upper
202 100
101 13.8 11.2 16.8
100 11.3 8.5 12.7

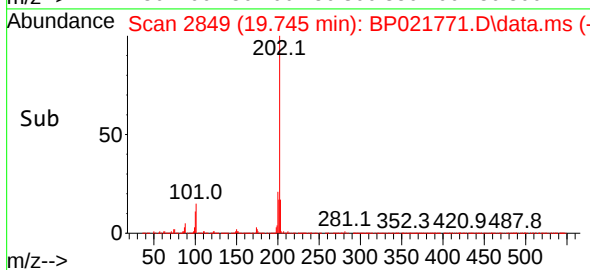
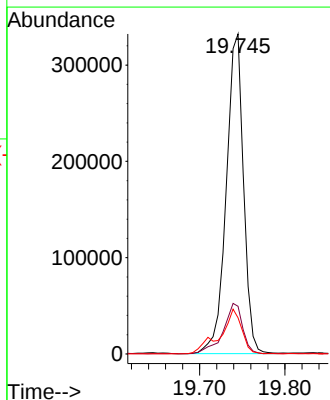
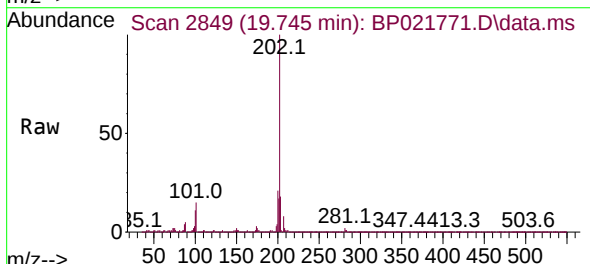
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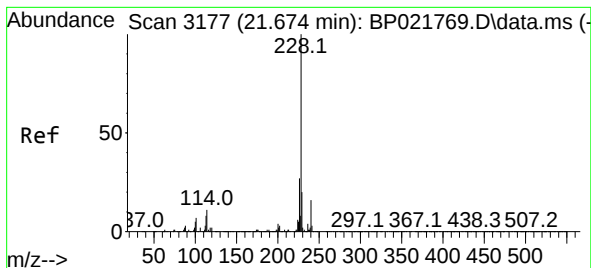
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/03/2024



#82
Pyrene
Concen: 4.481 ng/u1
RT: 19.745 min Scan# 2849
Delta R.T. 0.023 min
Lab File: BP021771.D
Acq: 31 Aug 2024 04:38

Tgt Ion:202 Resp: 467975
Ion Ratio Lower Upper
202 100
101 14.9 12.8 19.2
100 11.3 10.8 16.2





#85

Benzo(a)anthracene

Concen: 2.720 ng/ul

RT: 21.668 min Scan# 3177

Delta R.T. 0.023 min

Lab File: BP021771.D

Acq: 31 Aug 2024 04:38

Instrument :

BNA_P

ClientSampleId :

A4497

Tgt Ion:228 Resp: 286009

Ion Ratio Lower Upper

228 100

229 21.7 15.7 23.5

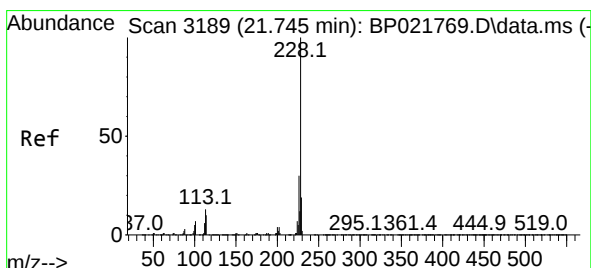
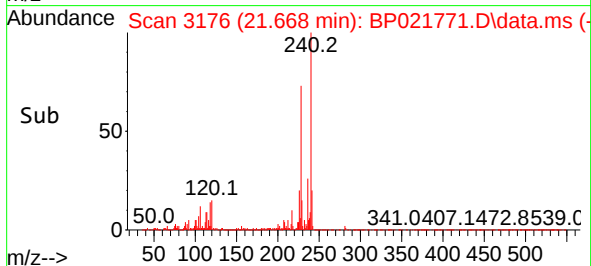
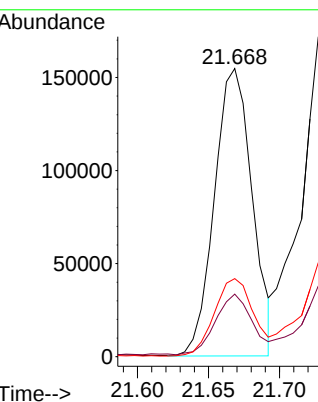
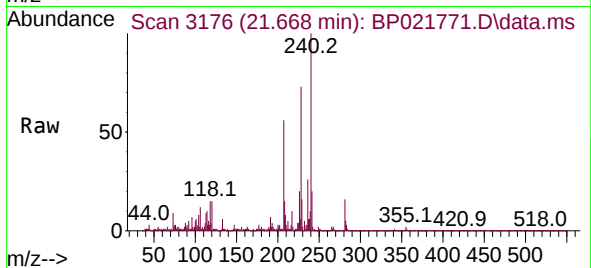
226 27.1 21.7 32.5

Manual Integrations

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Supervised By :mohammad ahmed 09/03/2024



#87

Chrysene

Concen: 3.420 ng/ul

RT: 21.733 min Scan# 3187

Delta R.T. 0.017 min

Lab File: BP021771.D

Acq: 31 Aug 2024 04:38

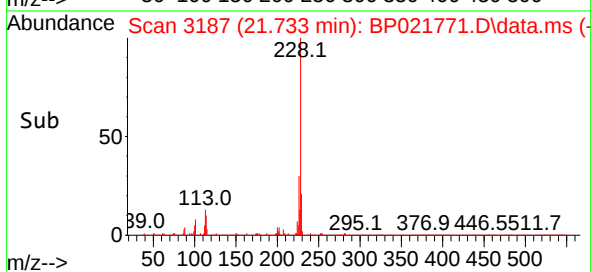
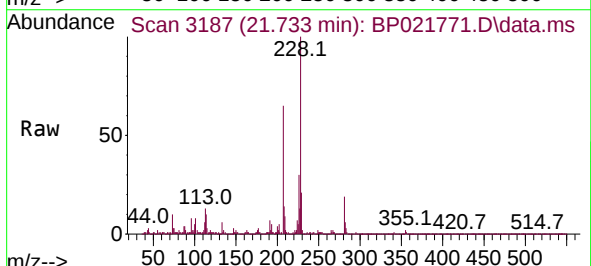
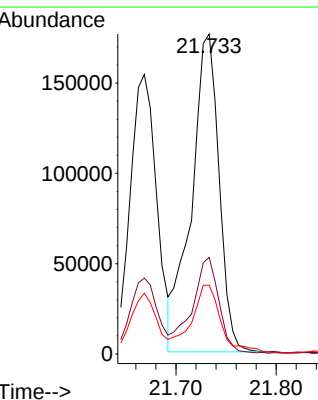
Tgt Ion:228 Resp: 338517

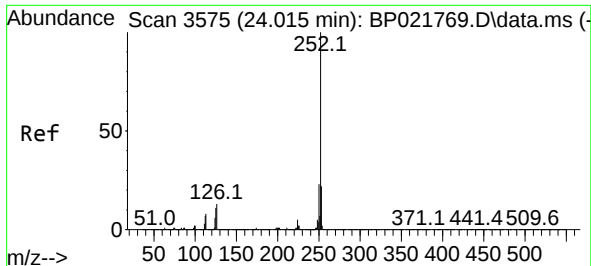
Ion Ratio Lower Upper

228 100

226 30.2 23.5 35.3

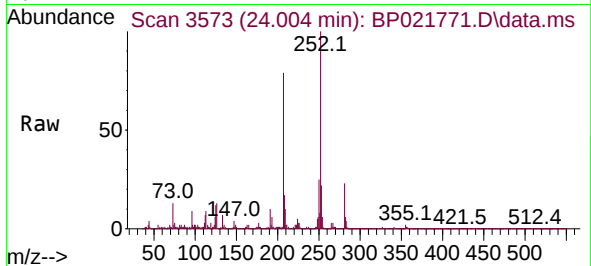
229 21.5 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 4.410 ng/ul
RT: 24.004 min Scan# 3573
Delta R.T. 0.012 min
Lab File: BP021771.D
Acq: 31 Aug 2024 04:38

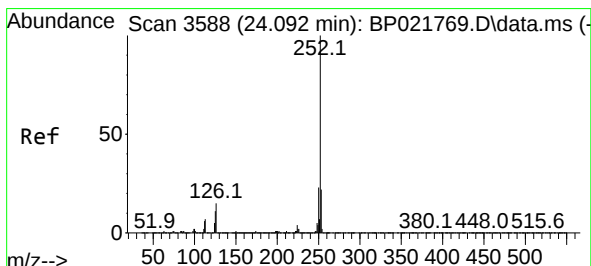
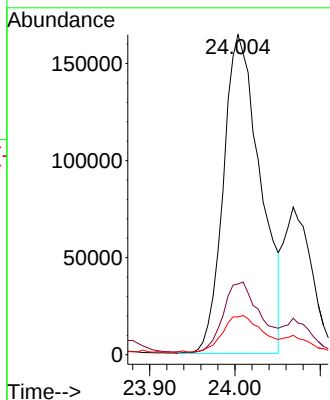
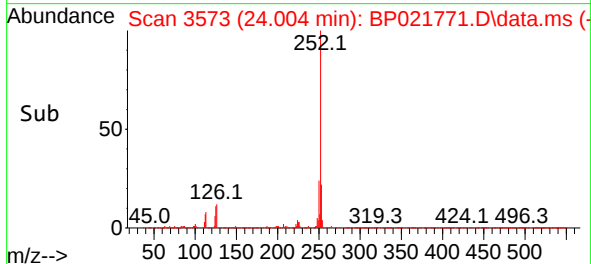
Instrument :
BNA_P
ClientSampleId :
A4497



Tgt Ion:252 Resp: 495948
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 11.8 8.6 12.8

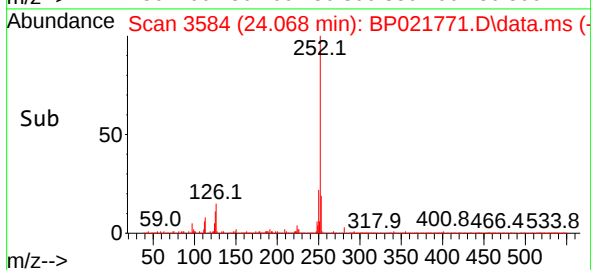
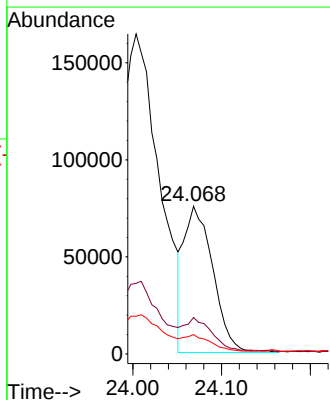
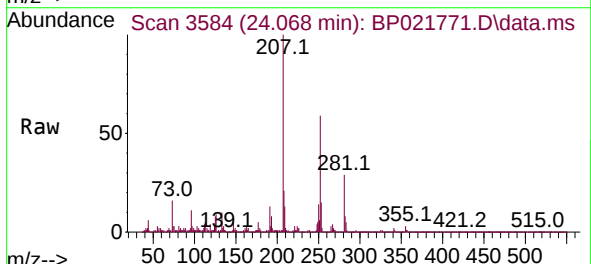
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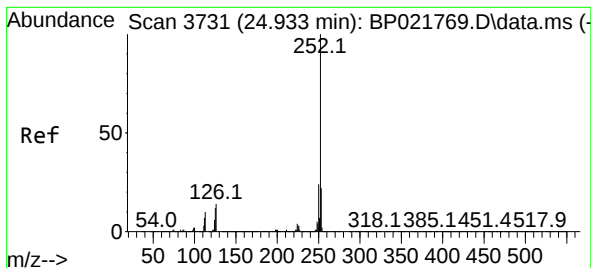
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/03/2024



#91
Benzo(k)fluoranthene
Concen: 1.554 ng/ul m
RT: 24.068 min Scan# 3584
Delta R.T. 0.012 min
Lab File: BP021771.D
Acq: 31 Aug 2024 04:38

Tgt Ion:252 Resp: 171097
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.8
125 13.2 8.6 13.0#





#93

Benzo(a)pyrene

Concen: 1.771 ng/ul

RT: 24.921 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP021771.D

Acq: 31 Aug 2024 04:38

Instrument :

BNA_P

ClientSampleId :

A4497

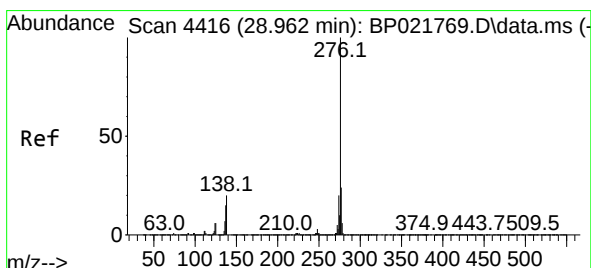
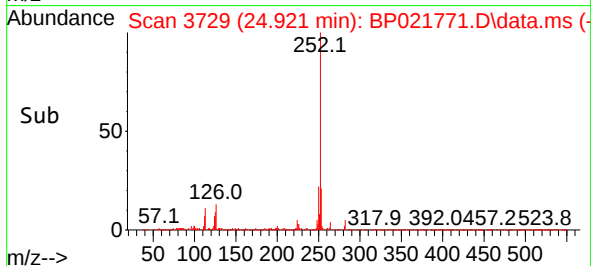
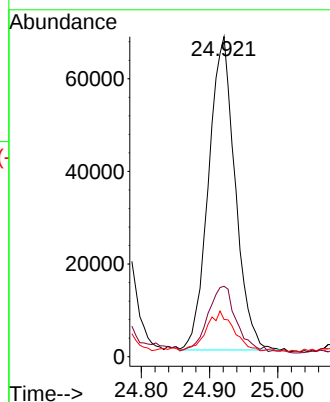
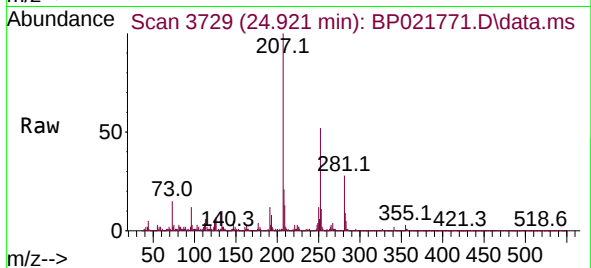
Tgt Ion:	252	Resp:	18349
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.0
125	11.7	9.6	14.4

Manual Integrations

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Supervised By :mohammad ahmed 09/03/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.437 ng/ul m

RT: 28.921 min Scan# 4409

Delta R.T. -0.006 min

Lab File: BP021771.D

Acq: 31 Aug 2024 04:38

Tgt Ion:	276	Resp:	192040
Ion Ratio	Lower	Upper	
276	100		
138	21.1	14.9	22.3
277	25.2	19.0	28.6

