

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020823.D
 Acq On : 06 Jul 2024 16:55
 Operator : MA/JU
 Sample : P3010-10
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CW6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 07 23:30:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	219453	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	907006	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	575285	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1220260	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	1122754	20.000	ng/u1	0.00
88) Perylene-d12	24.998	264	1347731	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	21721	4.250	ng/uL	0.00
4) Pyridine-d5	3.693	84	13365m	0.897	ng/u1	0.01
7) Phenol-d5	6.928	99	531236	29.514	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.069	67	312629	27.398	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.275	132	445267	30.269	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	409318	28.000	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	218799	32.674	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.587	143	249105	37.173	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	438732	31.784	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	330416	17.080	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	1322081	33.053	ng/u1	0.01
49) Acenaphthylene-d8	14.051	160	1506527	31.564	ng/u1	0.01
54) 4-Nitrophenol-d4	14.610	143	180160	29.479	ng/u1	0.03
60) Fluorene-d10	15.369	176	1127885	33.509	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	106156	17.263	ng/u1	0.01
73) Anthracene-d10	17.269	188	1734190	31.666	ng/u1	0.00
81) Pyrene-d10	19.657	212	1796325	26.632	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.757	264	1359155	20.732	ng/u1	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.210	178	196244	3.071	ng/u1	99
80) Fluoranthene	19.304	202	504902	6.128	ng/u1	99
82) Pyrene	19.686	202	364293	4.311	ng/u1	99
85) Benzo(a)anthracene	21.610	228	218421	2.775	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.533	149	570261	11.706	ng/u1	99
87) Chrysene	21.675	228	275016	3.697	ng/u1	98
90) Benzo(b)fluoranthene	23.921	252	385056	4.716	ng/u1	98
91) Benzo(k)fluoranthene	23.992	252	138120m	1.672	ng/u1	
93) Benzo(a)pyrene	24.821	252	139344m	1.808	ng/u1	
94) Indeno(1,2,3-cd)pyrene	28.804	276	146338	1.480	ng/u1	96

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

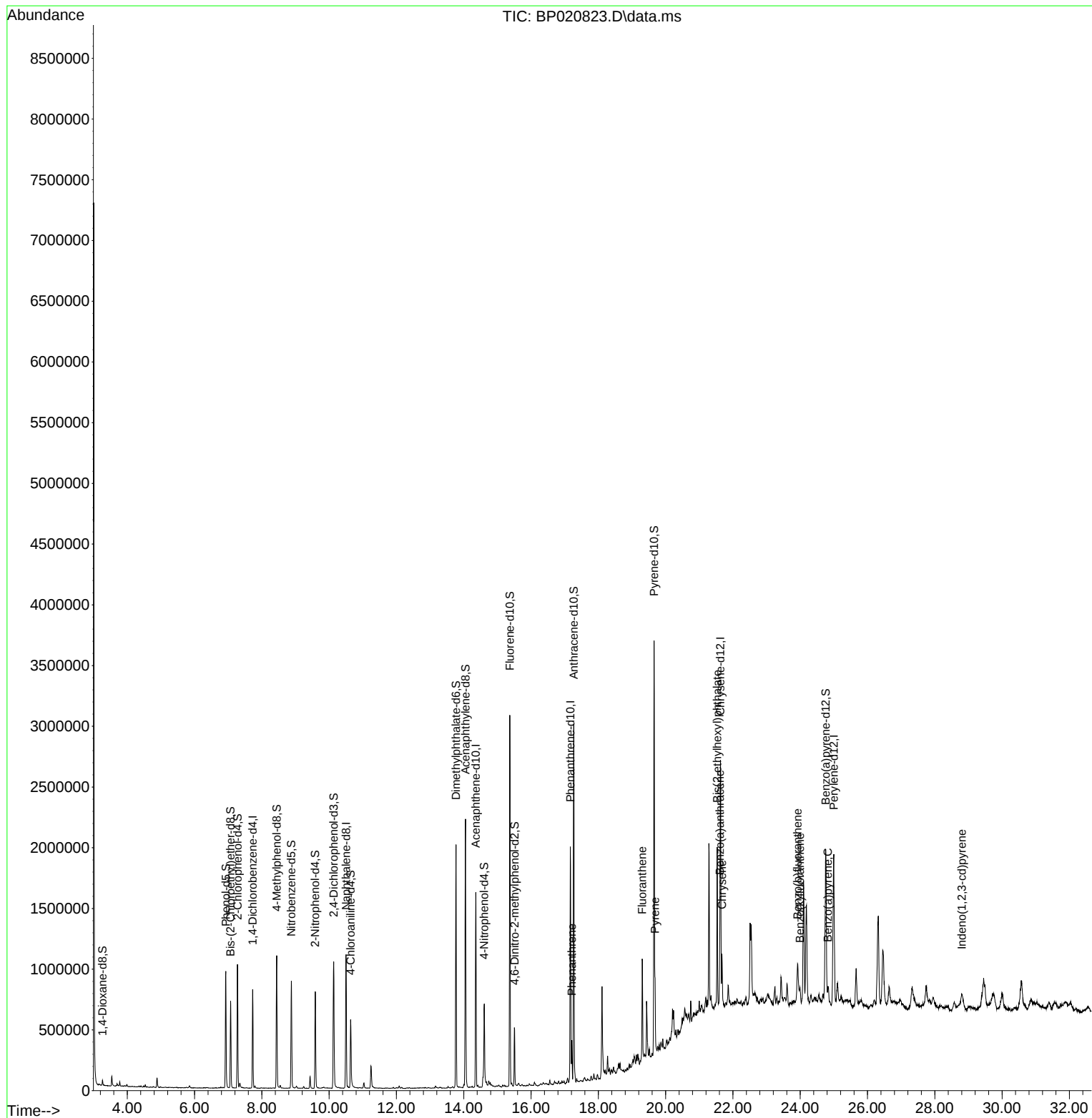
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020823.D
Acq On : 06 Jul 2024 16:55
Operator : MA/JU
Sample : P3010-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

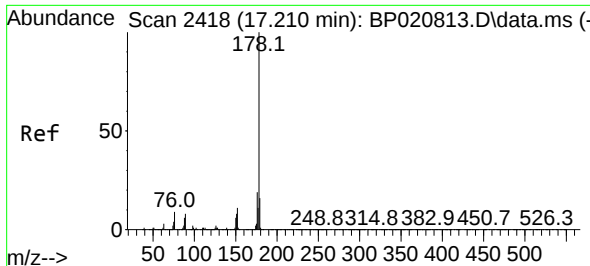
Instrument :
BNA_P
ClientSampleId :
A4CW6

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Supervised By :mohammad ahmed 07/08/2024

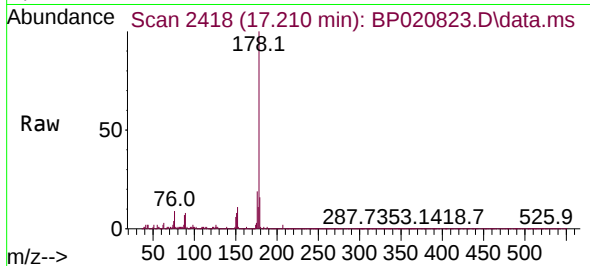
Quant Time: Jul 07 23:30:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.071 ng/ul
RT: 17.210 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP020823.D
Acq: 06 Jul 2024 16:55

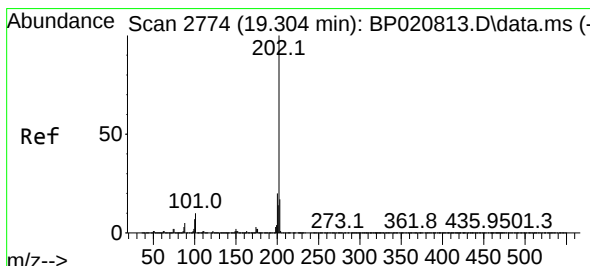
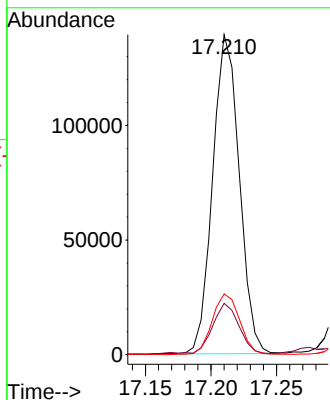
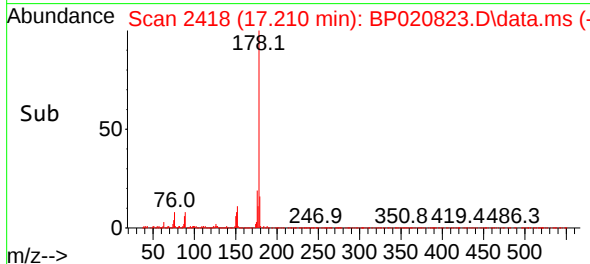
Instrument :
BNA_P
ClientSampleId :
A4CW6



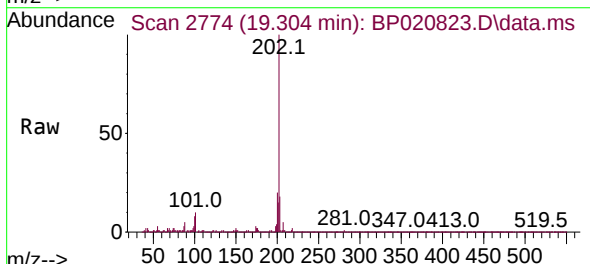
Tgt Ion:178 Resp: 196244
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 19.0 15.4 23.2

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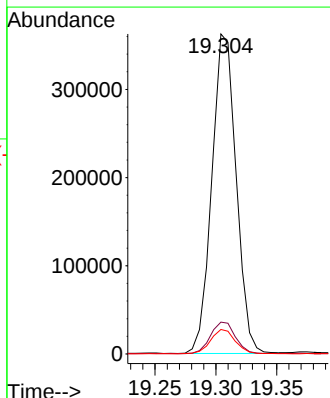
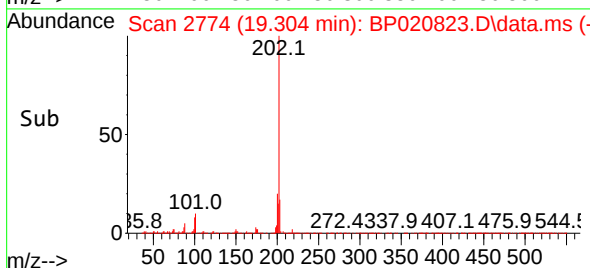
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

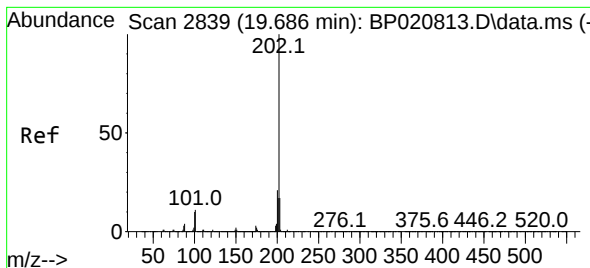


#80
Fluoranthene
Concen: 6.128 ng/ul
RT: 19.304 min Scan# 2774
Delta R.T. 0.006 min
Lab File: BP020823.D
Acq: 06 Jul 2024 16:55



Tgt Ion:202 Resp: 504902
Ion Ratio Lower Upper
202 100
101 9.9 8.2 12.4
100 7.6 6.6 10.0





#82

Pyrene

Concen: 4.311 ng/ul

RT: 19.686 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020823.D

Acq: 06 Jul 2024 16:55

Instrument :

BNA_P

ClientSampleId :

A4CW6

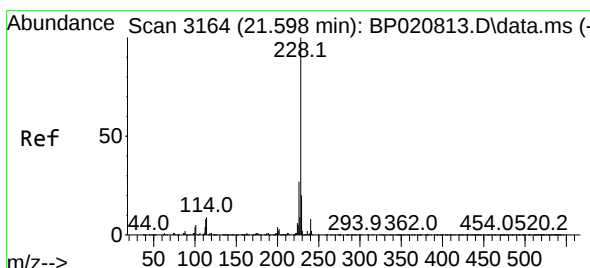
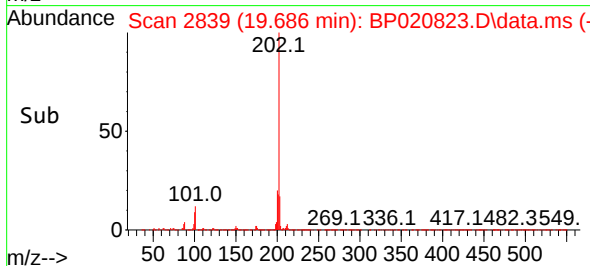
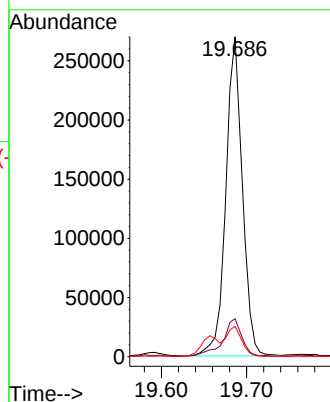
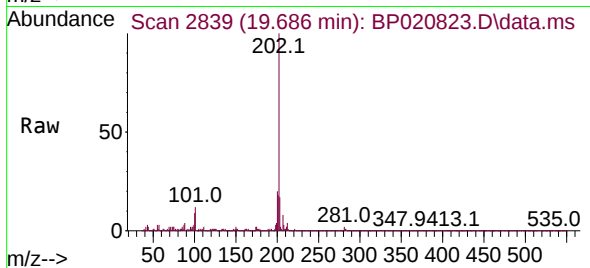
Tgt Ion:	202	Resp:	36429
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.8	14.8
100	9.5	7.9	11.9

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#85

Benzo(a)anthracene

Concen: 2.775 ng/ul

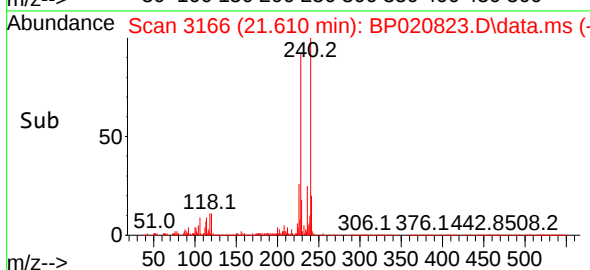
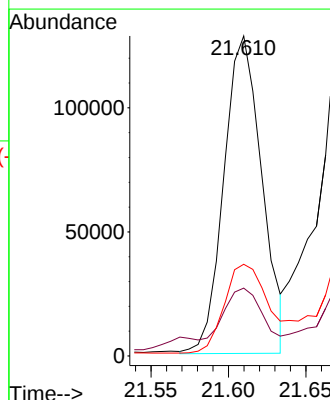
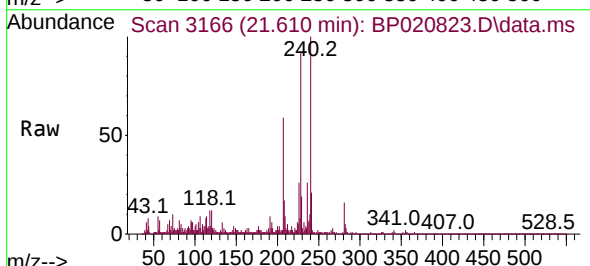
RT: 21.610 min Scan# 3166

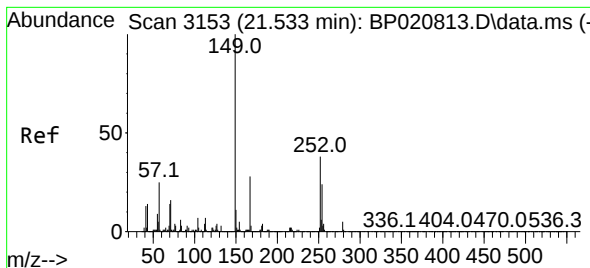
Delta R.T. 0.012 min

Lab File: BP020823.D

Acq: 06 Jul 2024 16:55

Tgt Ion:	228	Resp:	218421
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.2	22.8
226	28.7	21.1	31.7





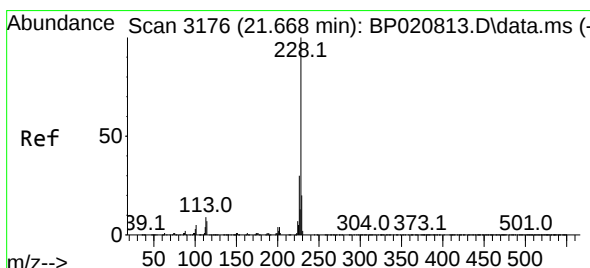
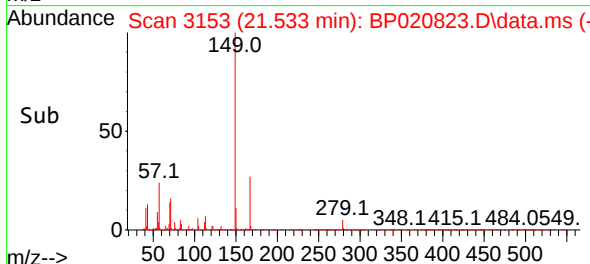
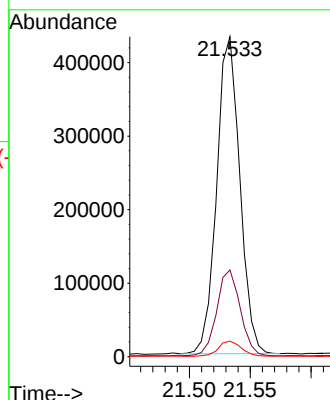
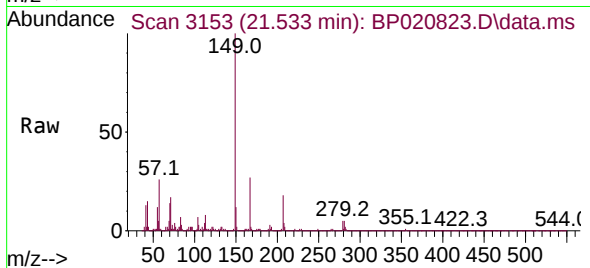
#86
Bis(2-ethylhexyl)phthalate
Concen: 11.706 ng/ul
RT: 21.533 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP020823.D
Acq: 06 Jul 2024 16:55

Instrument :
BNA_P
ClientSampleId :
A4CW6

Tgt Ion:149 Resp: 57026
Ion Ratio Lower Upper
149 100
167 27.1 22.0 33.0
279 4.9 3.3 4.9

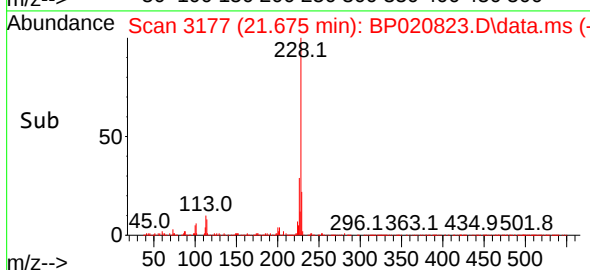
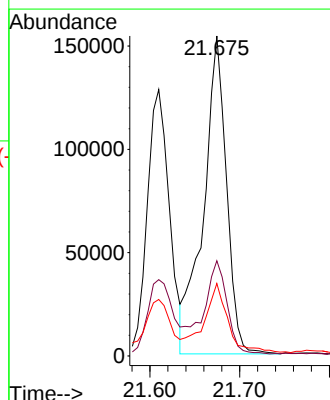
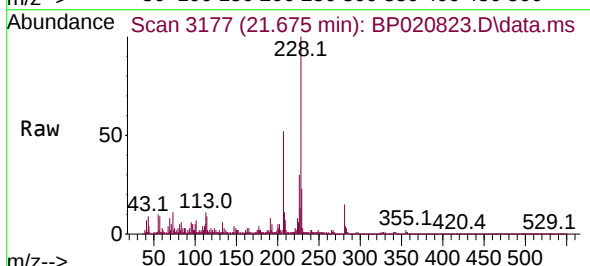
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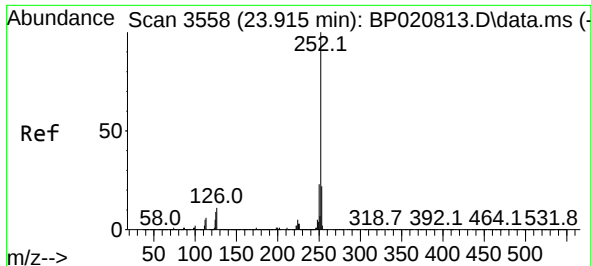
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#87
Chrysene
Concen: 3.697 ng/ul
RT: 21.675 min Scan# 3177
Delta R.T. 0.006 min
Lab File: BP020823.D
Acq: 06 Jul 2024 16:55

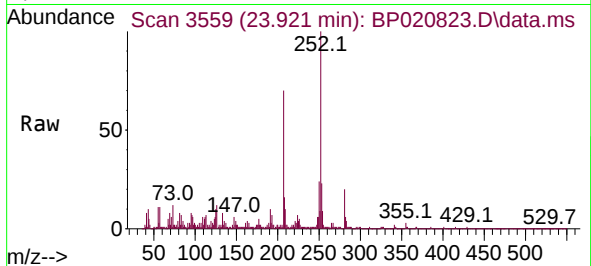
Tgt Ion:228 Resp: 275016
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 22.6 16.1 24.1





#90
Benzo(b)fluoranthene
Concen: 4.716 ng/ul
RT: 23.921 min Scan# 3558
Delta R.T. 0.018 min
Lab File: BP020823.D
Acq: 06 Jul 2024 16:55

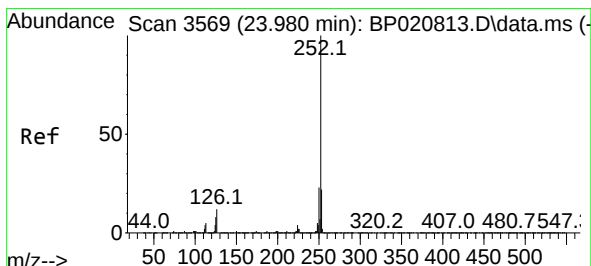
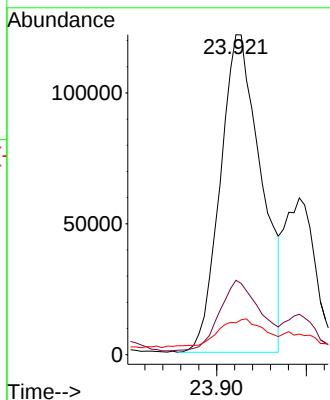
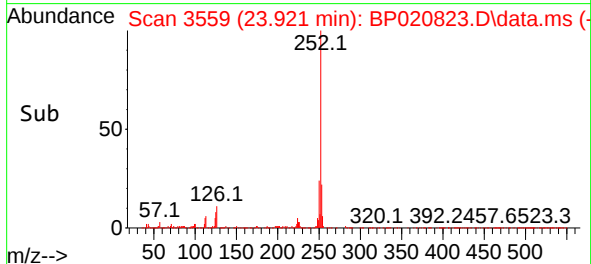
Instrument :
BNA_P
ClientSampleId :
A4CW6



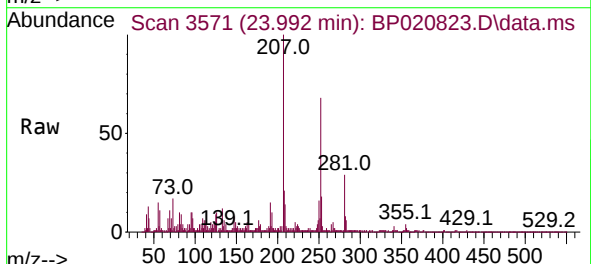
Tgt Ion:252 Resp: 385050
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 10.0 7.9 11.9

Manual Integrations
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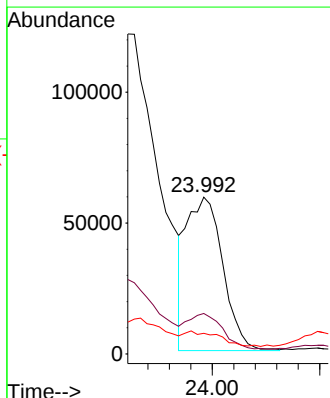
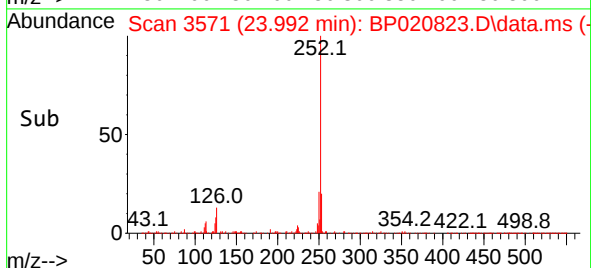
Reviewed By :Yogesh Patel 07/08/2024
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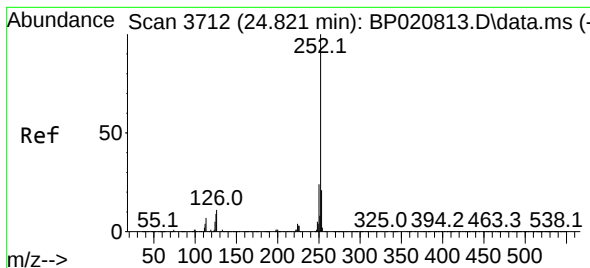


#91
Benzo(k)fluoranthene
Concen: 1.672 ng/ul m
RT: 23.992 min Scan# 3571
Delta R.T. 0.018 min
Lab File: BP020823.D
Acq: 06 Jul 2024 16:55



Tgt Ion:252 Resp: 138120
Ion Ratio Lower Upper
252 100
253 25.9 17.6 26.4
125 13.1 7.9 11.9#





#93

Benzo(a)pyrene

Concen: 1.808 ng/ul m

RT: 24.821 min Scan# 3712

Delta R.T. 0.012 min

Lab File: BP020823.D

Acq: 06 Jul 2024 16:55

Instrument :

BNA_P

ClientSampleId :

A4CW6

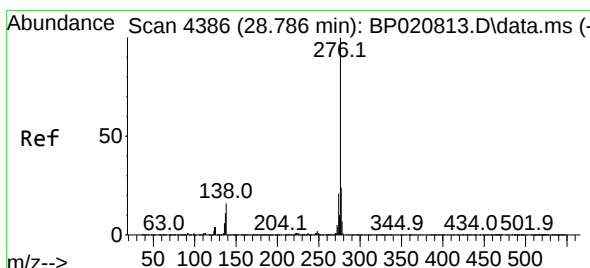
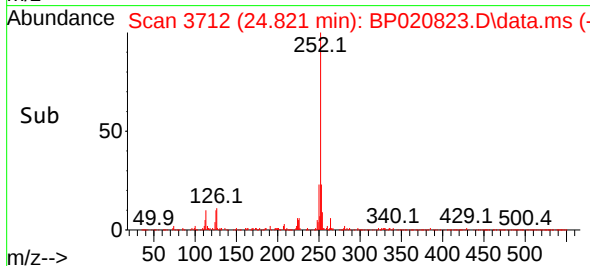
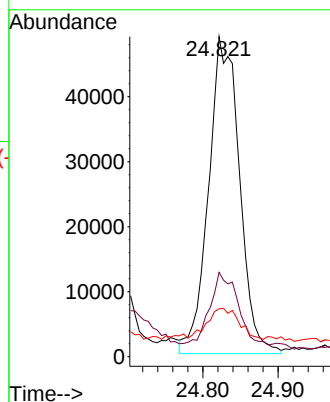
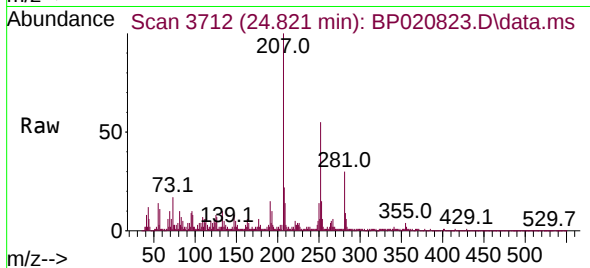
Tgt Ion:	252	Resp:	139344
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.4	26.2
125	15.0	8.7	13.1

Manual Integrations

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Supervised By :mohammad ahmed 07/08/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.480 ng/ul

RT: 28.804 min Scan# 4389

Delta R.T. 0.041 min

Lab File: BP020823.D

Acq: 06 Jul 2024 16:55

Tgt Ion:	276	Resp:	146338
Ion Ratio	Lower	Upper	
276	100		
138	19.2	15.2	22.8
277	27.1	19.0	28.4

