

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
 Data File : BP020850.D
 Acq On : 09 Jul 2024 04:01
 Operator : MA/JU
 Sample : P3035-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CX0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 04:38:34 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	7.722	152	147444	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.493	136	619431	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	425810	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	915884	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	871199	20.000	ng/u1	0.00
88) Perylene-d12	24.974	264	1003717	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	20561	5.988	ng/uL	0.00
4) Pyridine-d5	3.687	84	25111	2.509	ng/u1	0.00
7) Phenol-d5	6.922	99	466442	38.571	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	292918	38.207	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	403282	40.804	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	385726	39.273	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	202214	44.217	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	234429	51.224	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	403046	42.754	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	301654	22.833	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	1275052	43.067	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	1453185	41.135	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	170237	37.634	ng/u1	0.02
60) Fluorene-d10	15.363	176	1104866	44.348	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	180484	39.104	ng/u1	0.01
73) Anthracene-d10	17.269	188	1736365	42.242	ng/u1	0.00
81) Pyrene-d10	19.657	212	1852679	35.398	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.751	264	1437611	29.444	ng/u1	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.210	178	482153	10.053	ng/u1	99
74) Anthracene	17.310	178	78695	1.595	ng/u1	96
77) Carbazole	17.598	167	51052	1.254	ng/u1	98
80) Fluoranthene	19.304	202	1241630	19.421	ng/u1	99
82) Pyrene	19.686	202	863061	13.163	ng/u1	97
85) Benzo(a)anthracene	21.604	228	509611	8.346	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.527	149	128789	3.407	ng/u1	100
87) Chrysene	21.668	228	617160	10.693	ng/u1	99
90) Benzo(b)fluoranthene	23.915	252	855210	14.064	ng/u1	99
91) Benzo(k)fluoranthene	23.974	252	293220	4.767	ng/u1	96
93) Benzo(a)pyrene	24.821	252	293030	5.105	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.780	276	313185	4.254	ng/u1	98
95) Dibenzo(a,h)anthracene	28.839	278	107444m	1.776	ng/u1	

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

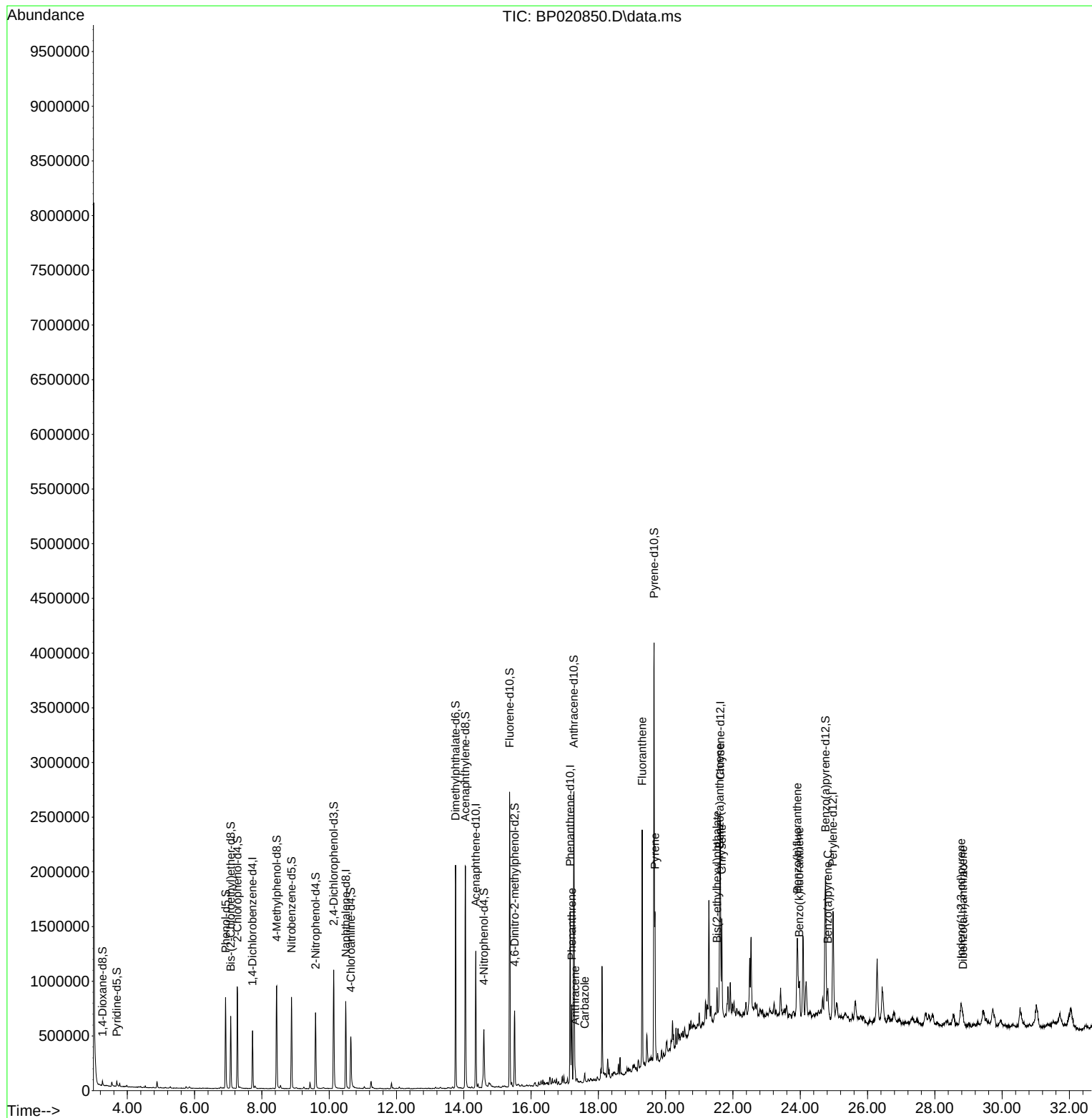
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020850.D
Acq On : 09 Jul 2024 04:01
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

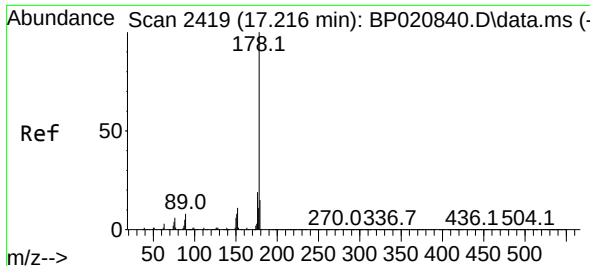
Instrument :
BNA_P
ClientSampleId :
A4CX0

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Supervised By :mohammad ahmed 07/10/2024

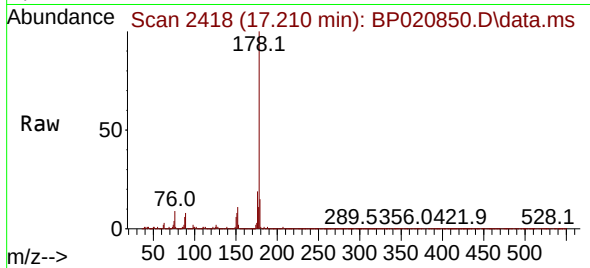
Quant Time: Jul 09 04:38:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 10.053 ng/u1
RT: 17.210 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP020850.D
Acq: 09 Jul 2024 04:01

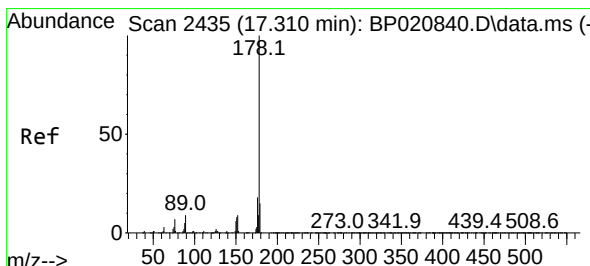
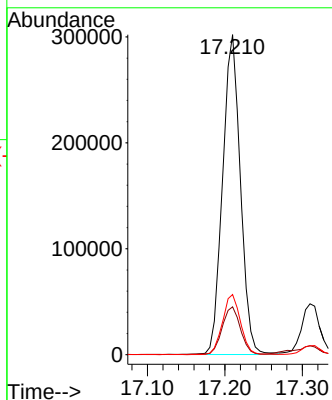
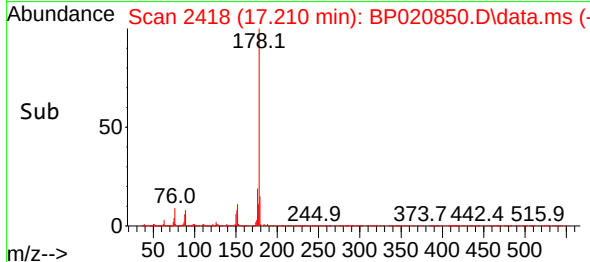
Instrument :
BNA_P
ClientSampleId :
A4CX0



Tgt Ion:178 Resp: 48215
Ion Ratio Lower Upper
178 100
179 14.9 12.4 18.6
176 18.8 15.4 23.2

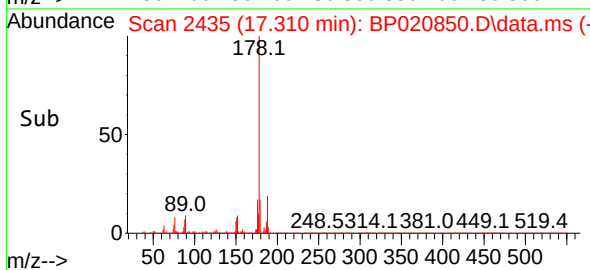
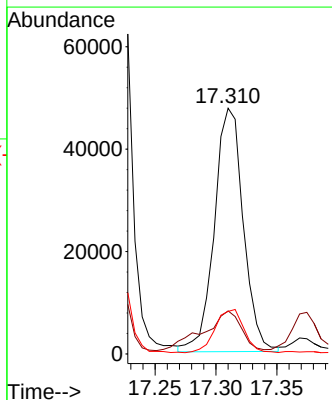
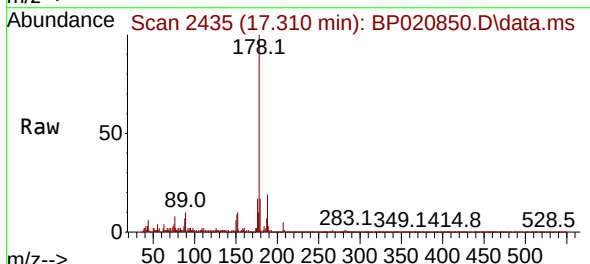
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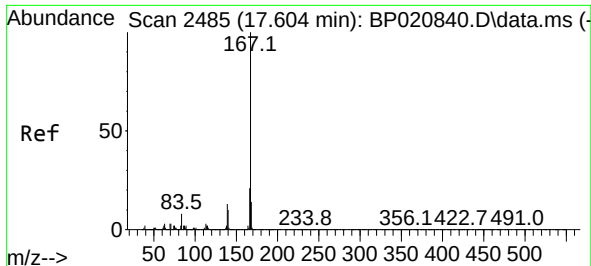
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#74
Anthracene
Concen: 1.595 ng/u1
RT: 17.310 min Scan# 2435
Delta R.T. 0.012 min
Lab File: BP020850.D
Acq: 09 Jul 2024 04:01

Tgt Ion:178 Resp: 78695
Ion Ratio Lower Upper
178 100
179 17.5 12.1 18.1
176 17.3 15.0 22.4





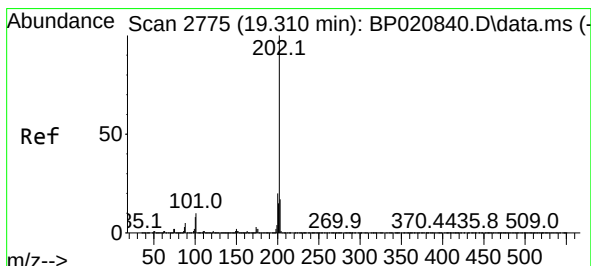
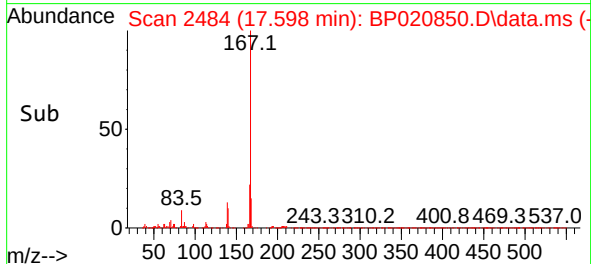
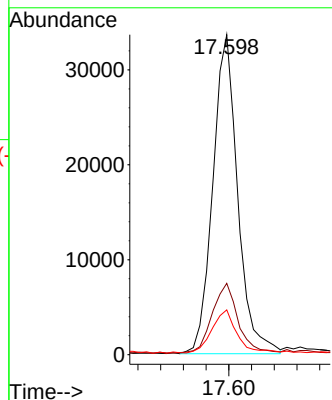
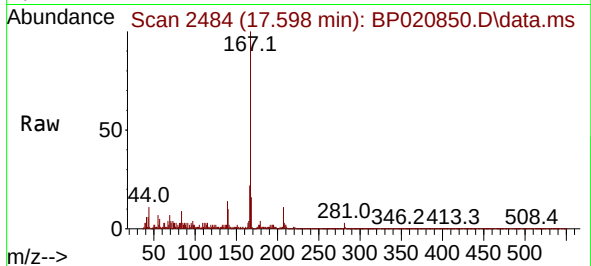
#77
 Carbazole
 Concen: 1.254 ng/ul
 RT: 17.598 min Scan# 2485
 Delta R.T. 0.012 min
 Lab File: BP020850.D
 Acq: 09 Jul 2024 04:01

Instrument :
 BNA_P
 ClientSampleId :
 A4CX0

Tgt Ion:167 Resp: 51052
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.2 25.8
 139 14.0 10.6 16.0

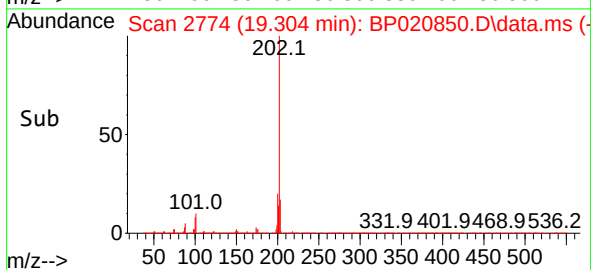
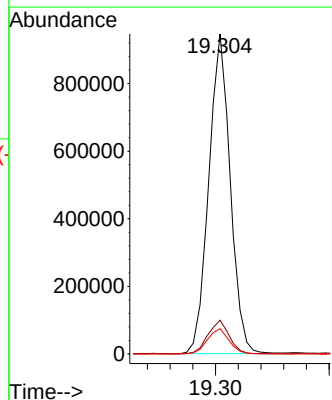
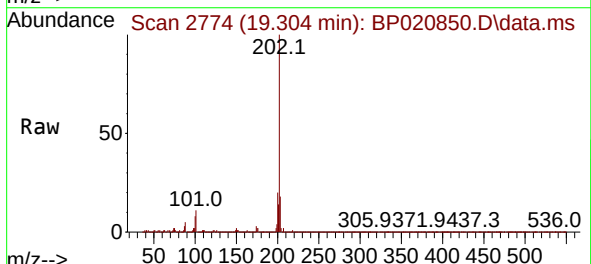
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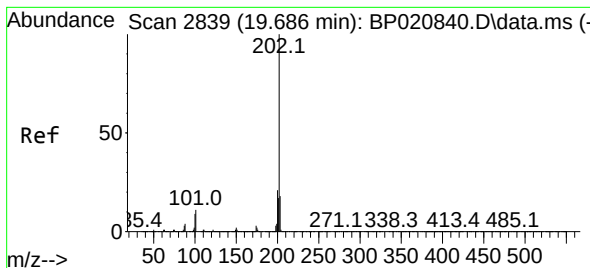
Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024



#80
 Fluoranthene
 Concen: 19.421 ng/ul
 RT: 19.304 min Scan# 2774
 Delta R.T. 0.006 min
 Lab File: BP020850.D
 Acq: 09 Jul 2024 04:01

Tgt Ion:202 Resp: 1241630
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.2 12.4
 100 7.9 6.6 10.0





#82

Pyrene

Concen: 13.163 ng/ul

RT: 19.686 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020850.D

Acq: 09 Jul 2024 04:01

Instrument :

BNA_P

ClientSampleId :

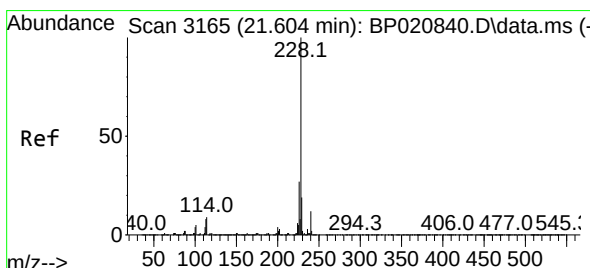
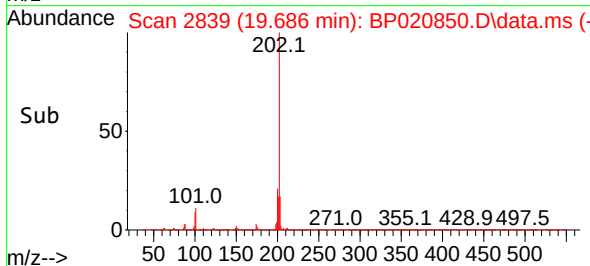
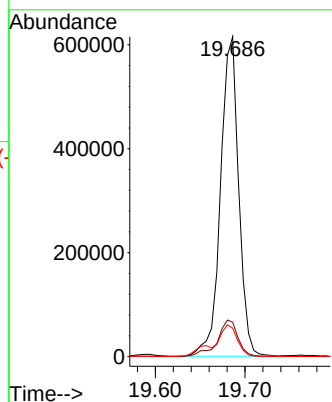
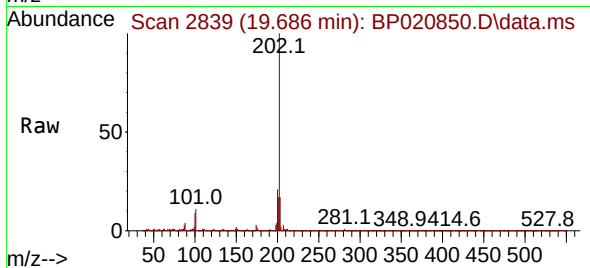
A4CX0

Tgt Ion:	202	Resp:	86306
Ion Ratio	Lower	Upper	
202	100		
101	10.8	9.8	14.8
100	8.9	7.9	11.9

Manual Integrations

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Supervised By :mohammad ahmed 07/10/2024



#85

Benzo(a)anthracene

Concen: 8.346 ng/ul

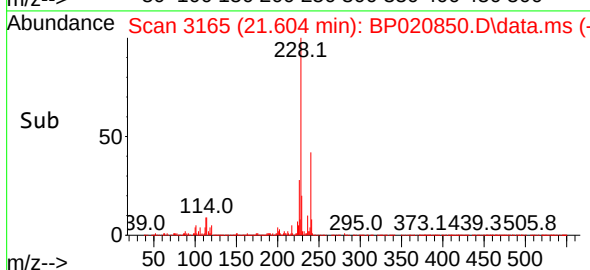
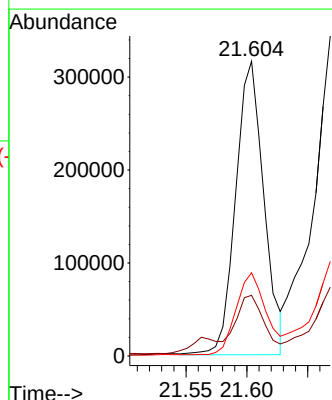
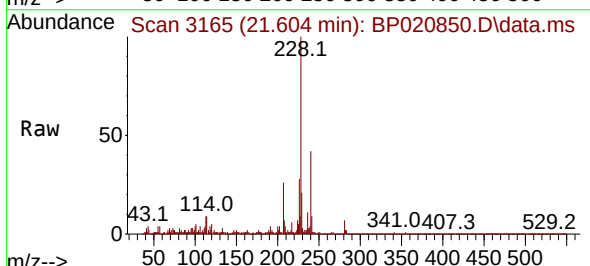
RT: 21.604 min Scan# 3165

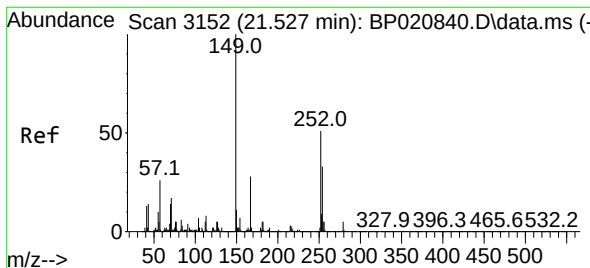
Delta R.T. 0.006 min

Lab File: BP020850.D

Acq: 09 Jul 2024 04:01

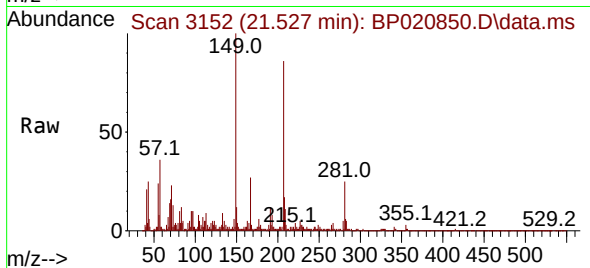
Tgt Ion:	228	Resp:	509611
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.2	22.8
226	28.2	21.1	31.7





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.407 ng/ul
RT: 21.527 min Scan# 3152
Delta R.T. -0.012 min
Lab File: BP020850.D
Acq: 09 Jul 2024 04:01

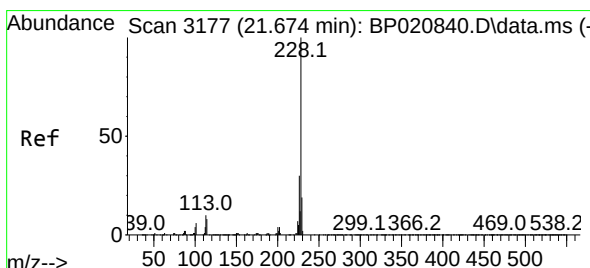
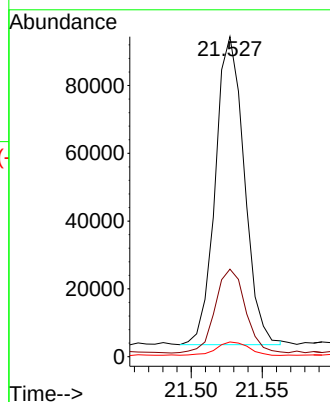
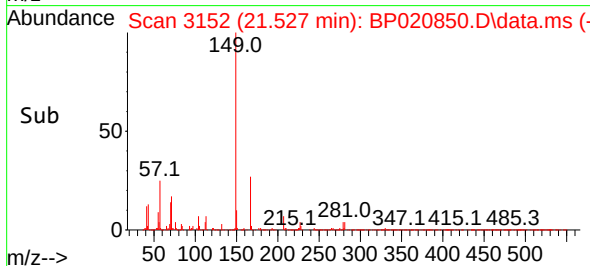
Instrument :
BNA_P
ClientSampleId :
A4CX0



Tgt Ion:149 Resp: 128789
Ion Ratio Lower Upper
149 100
167 27.4 22.0 33.0
279 4.6 3.3 4.9

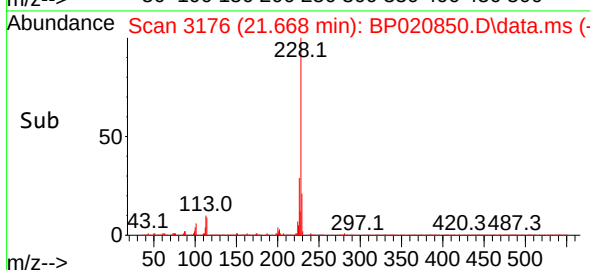
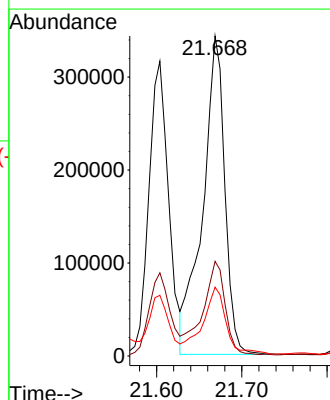
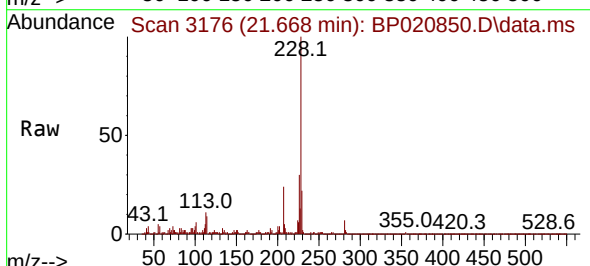
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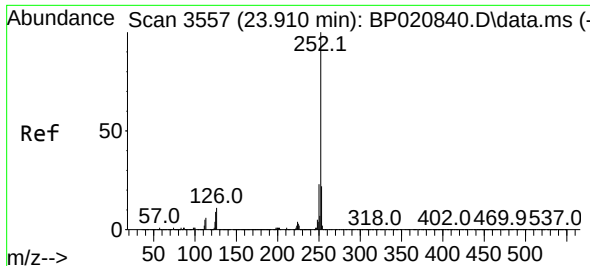
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#87
Chrysene
Concen: 10.693 ng/ul
RT: 21.668 min Scan# 3176
Delta R.T. -0.000 min
Lab File: BP020850.D
Acq: 09 Jul 2024 04:01

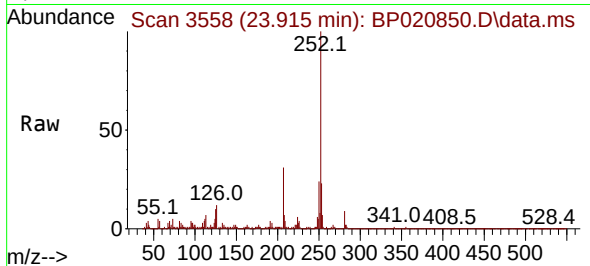
Tgt Ion:228 Resp: 617160
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.6
229 21.5 16.1 24.1





#90
Benzo(b)fluoranthene
Concen: 14.064 ng/ul
RT: 23.915 min Scan# 3557
Delta R.T. 0.012 min
Lab File: BP020850.D
Acq: 09 Jul 2024 04:01

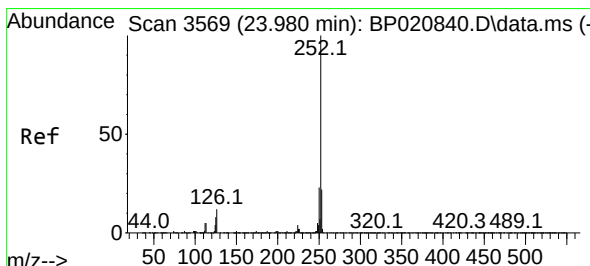
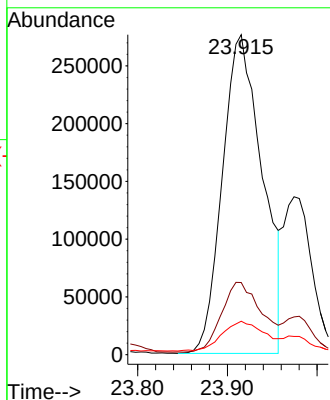
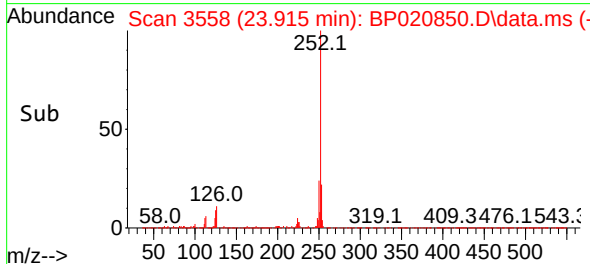
Instrument :
BNA_P
ClientSampleId :
A4CX0



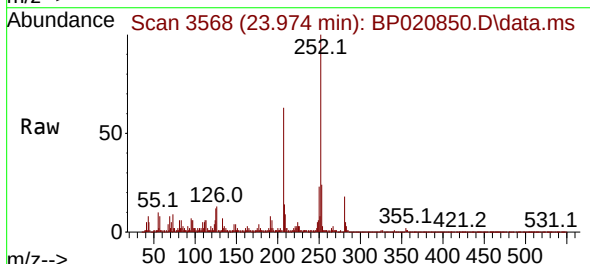
Tgt Ion:252 Resp: 855210
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 10.4 7.9 11.9

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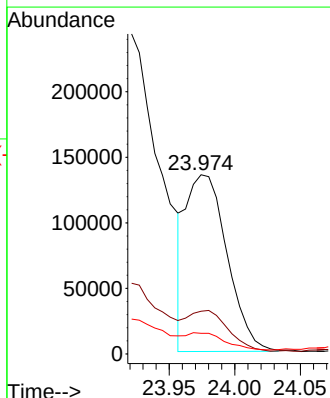
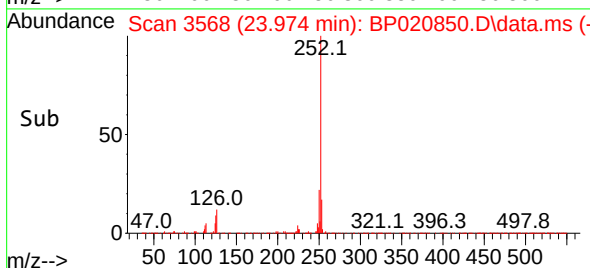
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

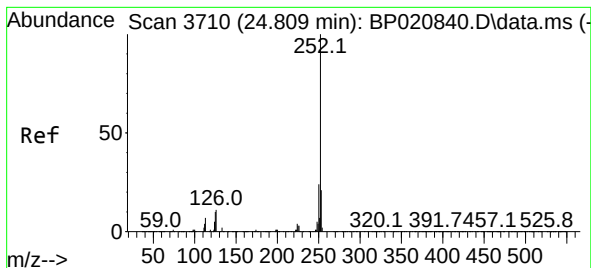


#91
Benzo(k)fluoranthene
Concen: 4.767 ng/ul
RT: 23.974 min Scan# 3568
Delta R.T. -0.000 min
Lab File: BP020850.D
Acq: 09 Jul 2024 04:01



Tgt Ion:252 Resp: 293220
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 11.5 7.9 11.9





#93

Benzo(a)pyrene

Concen: 5.105 ng/ul

RT: 24.821 min Scan# 3712

Delta R.T. 0.012 min

Lab File: BP020850.D

Acq: 09 Jul 2024 04:01

Instrument :

BNA_P

ClientSampleId :

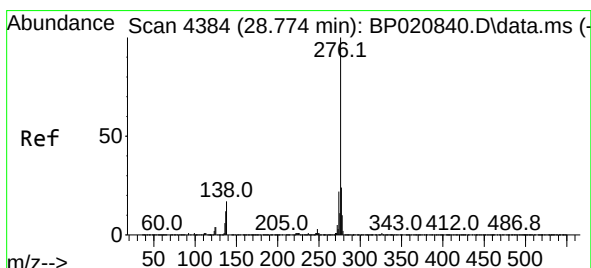
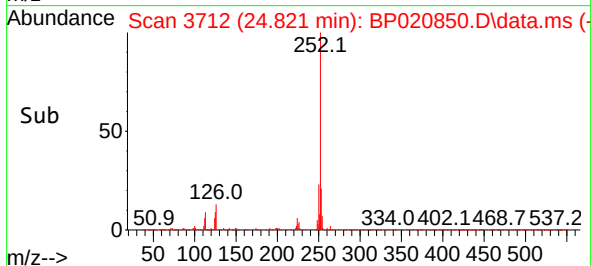
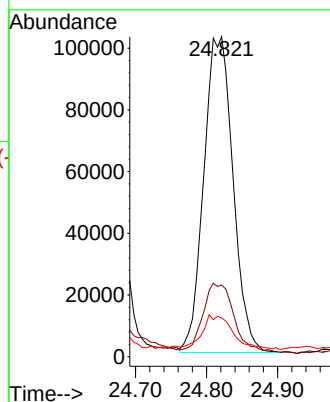
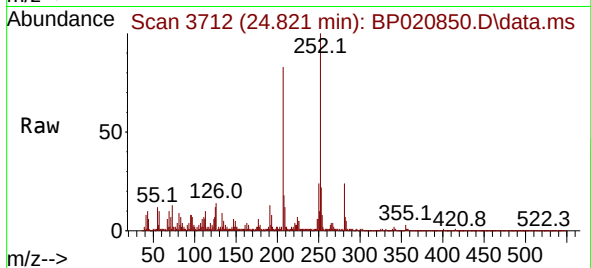
A4CX0

Tgt Ion:	252	Resp:	293030
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.2
125	12.2	8.7	13.1

Manual Integrations

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Supervised By :mohammad ahmed 07/10/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.254 ng/ul

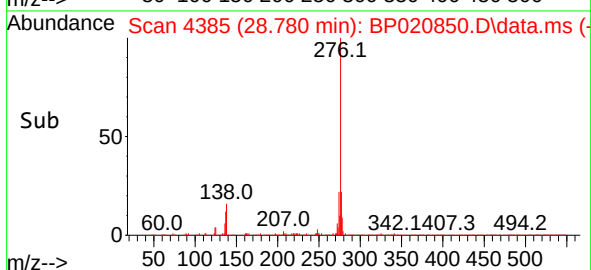
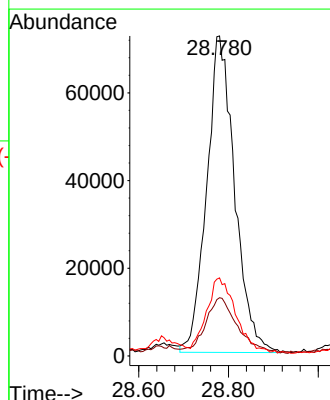
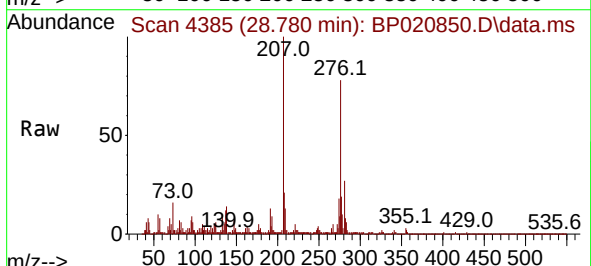
RT: 28.780 min Scan# 4385

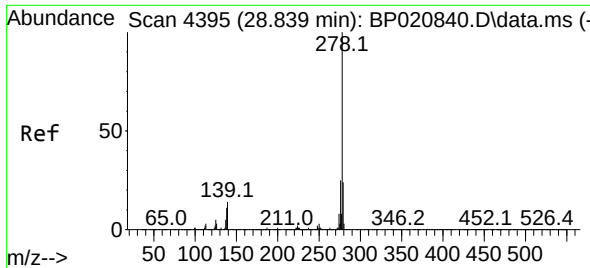
Delta R.T. 0.018 min

Lab File: BP020850.D

Acq: 09 Jul 2024 04:01

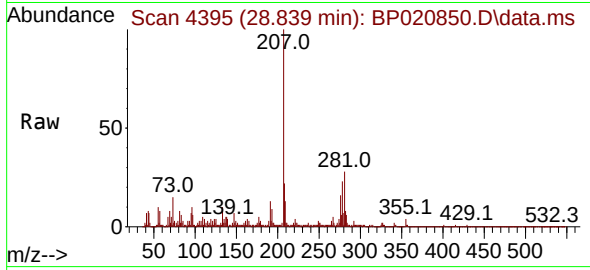
Tgt Ion:	276	Resp:	313185
Ion Ratio	Lower	Upper	
276	100		
138	18.2	15.2	22.8
277	24.4	19.0	28.4





#95
 Dibenzo(a,h)anthracene
 Concen: 1.776 ng/ul m
 RT: 28.839 min Scan# 4395
 Delta R.T. -0.000 min
 Lab File: BP020850.D
 Acq: 09 Jul 2024 04:01

Instrument :
 BNA_P
 ClientSampleId :
 A4CX0



Tgt Ion:278 Resp: 107444
 Ion Ratio Lower Upper
 278 100
 139 16.9 11.1 16.7
 279 29.2 18.7 28.1

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