

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
 Data File : BP020847.D
 Acq On : 09 Jul 2024 01:53
 Operator : MA/JU
 Sample : P3035-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CX1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 02:58:17 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	196008	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.499	136	807030	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	526308	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1123269	20.000	ng/u1	0.00
79) Chrysene-d12	21.616	240	1043997	20.000	ng/u1	0.00
88) Perylene-d12	24.963	264	1207630	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	14204	3.112	ng/uL	0.00
4) Pyridine-d5	3.693	84	15299	1.150	ng/u1	0.01
7) Phenol-d5	6.916	99	342474	21.303	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	203533	19.970	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.263	132	284858	21.681	ng/u1	0.00
15) 4-Methylphenol-d8	8.428	113	268038	20.529	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	137628	23.099	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.593	143	158737	26.622	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	287898	23.440	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	212238	12.330	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	886891	24.236	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	1008060	23.086	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	130196	23.286	ng/u1	0.02
60) Fluorene-d10	15.369	176	778847	25.293	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	117321	20.726	ng/u1	0.01
73) Anthracene-d10	17.275	188	1211072	24.023	ng/u1	0.01
81) Pyrene-d10	19.657	212	1333527	21.262	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.727	264	1046112	17.808	ng/u1	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.216	178	167721	2.851	ng/u1	98
80) Fluoranthene	19.310	202	443922	5.794	ng/u1	99
82) Pyrene	19.692	202	324504	4.130	ng/u1	99
85) Benzo(a)anthracene	21.598	228	185986	2.542	ng/u1	96
87) Chrysene	21.669	228	232012	3.354	ng/u1	99
90) Benzo(b)fluoranthene	23.892	252	325069	4.443	ng/u1	97
91) Benzo(k)fluoranthene	23.963	252	93522m	1.264	ng/u1	
93) Benzo(a)pyrene	24.798	252	113589	1.645	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.739	276	120206m	1.357	ng/u1	

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

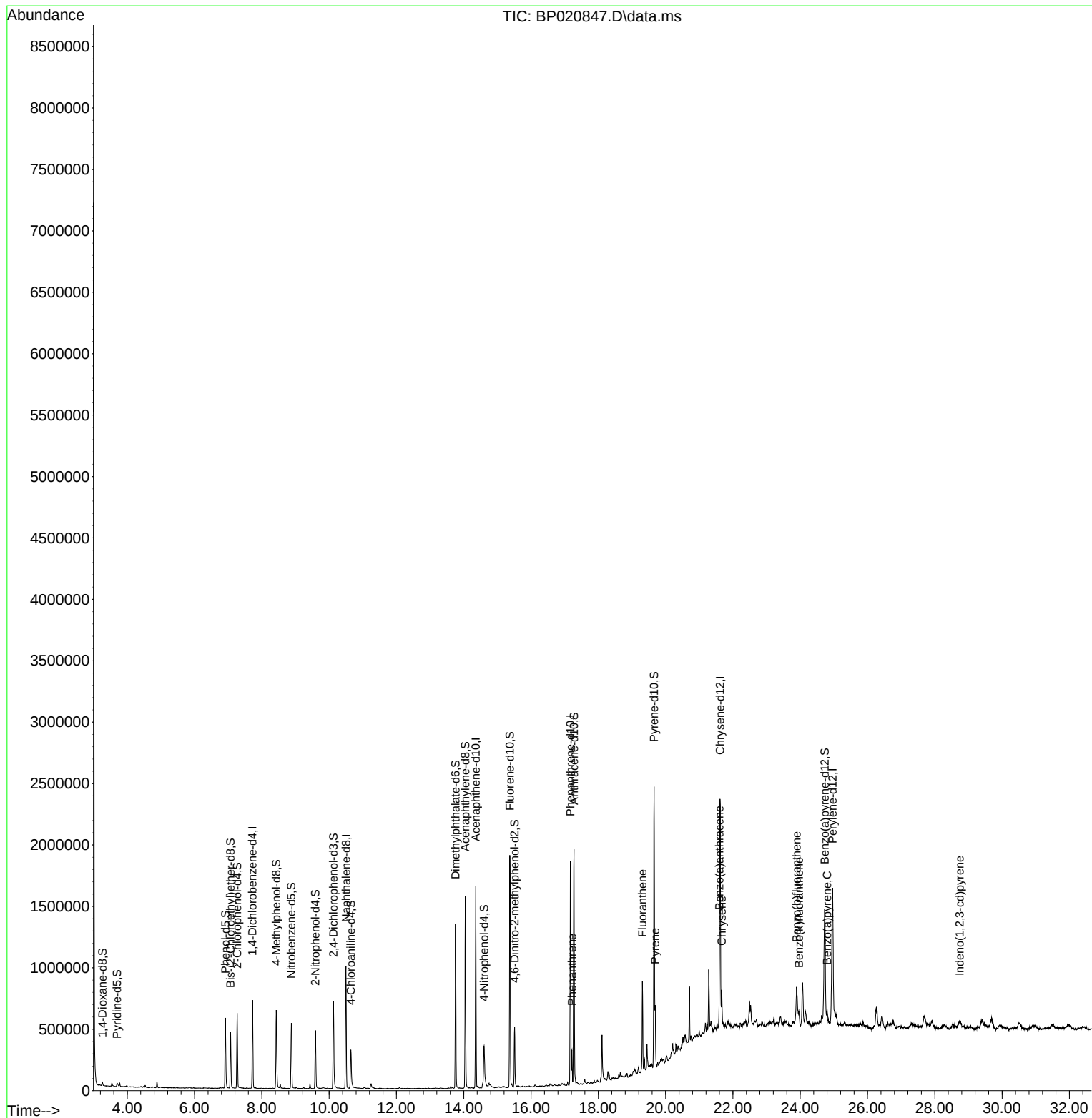
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020847.D
Acq On : 09 Jul 2024 01:53
Operator : MA/JU
Sample : P3035-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

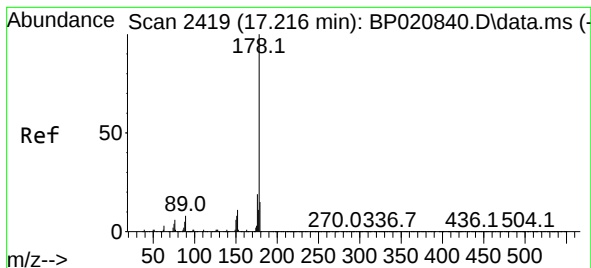
Instrument :
BNA_P
ClientSampleId :
A4CX1

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 2.851 ng/ul

RT: 17.216 min Scan# 2419

Delta R.T. 0.012 min

Lab File: BP020847.D

Acq: 09 Jul 2024 01:53

Instrument :

BNA_P

ClientSampleId :

A4CX1

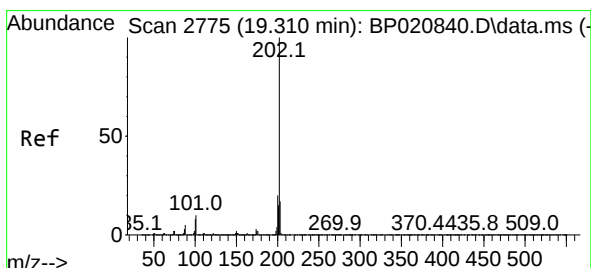
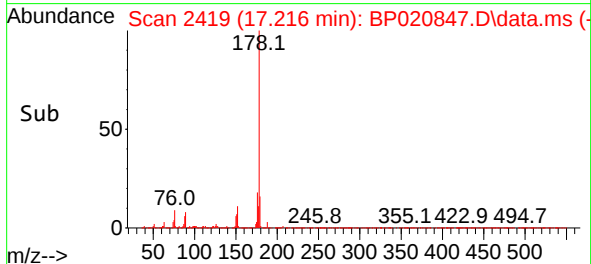
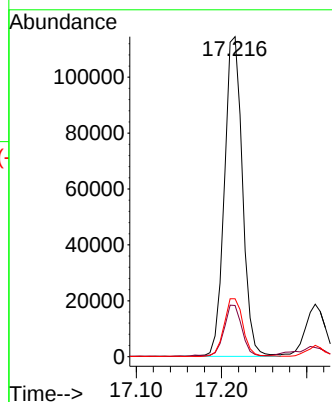
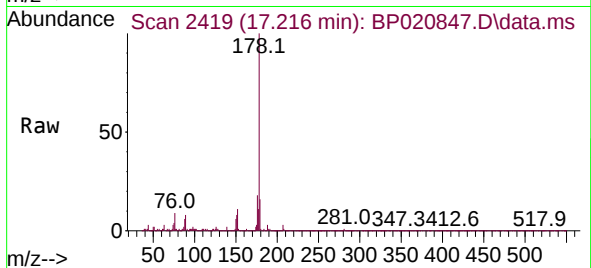
Tgt Ion:	178	Resp:	16772
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	18.1	15.4	23.2

Manual Integrations

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#80

Fluoranthene

Concen: 5.794 ng/ul

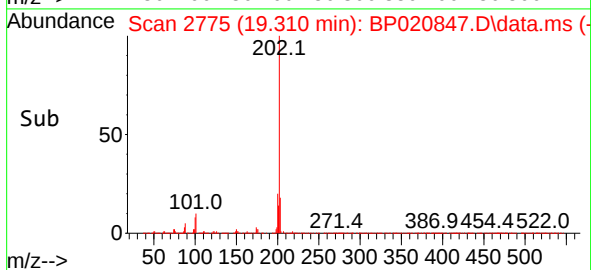
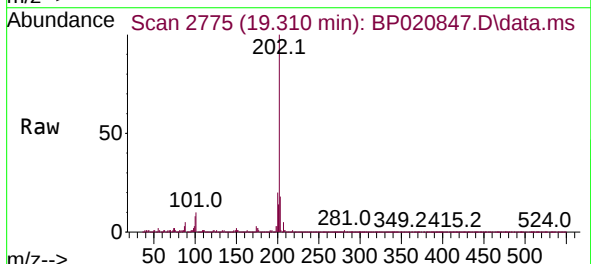
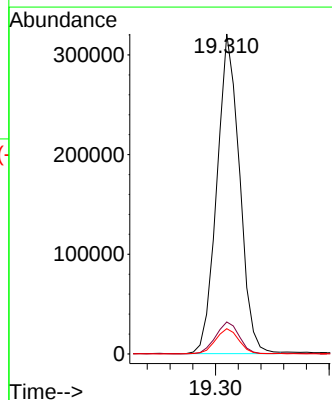
RT: 19.310 min Scan# 2775

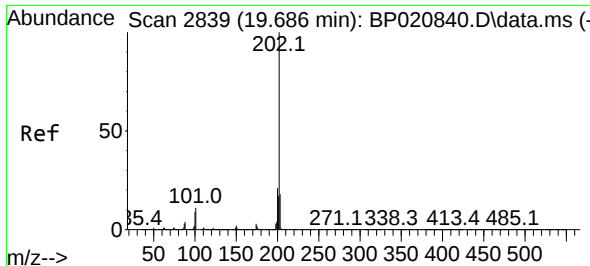
Delta R.T. 0.012 min

Lab File: BP020847.D

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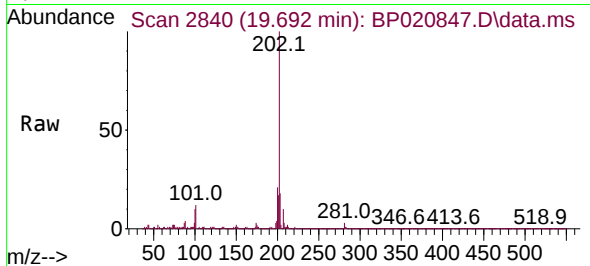
Tgt Ion:	202	Resp:	443922
Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.2	12.4
100	7.9	6.6	10.0





#82
Pyrene
Concen: 4.130 ng/ul
RT: 19.692 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP020847.D
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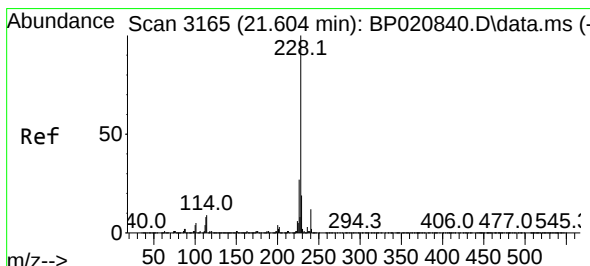
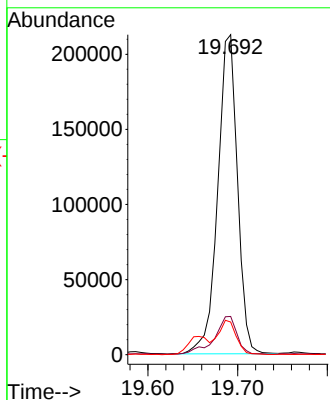
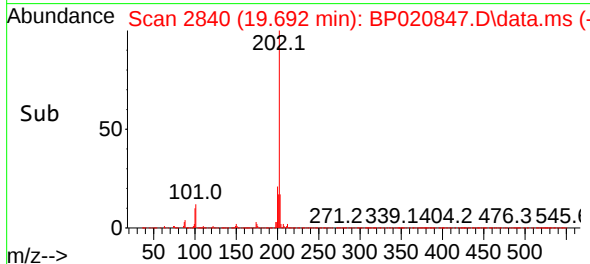
Instrument :
BNA_P
ClientSampleId :
A4CX1



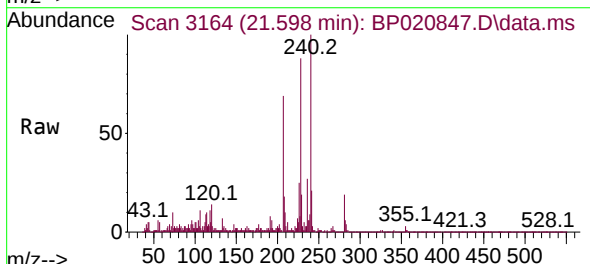
Tgt Ion:202 Resp: 324504
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.8
100 10.2 7.9 11.9

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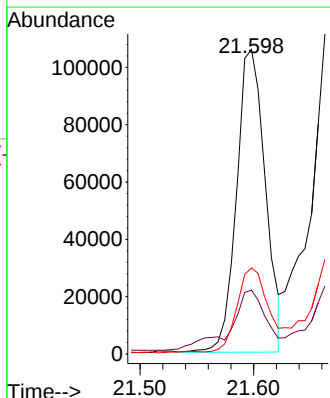
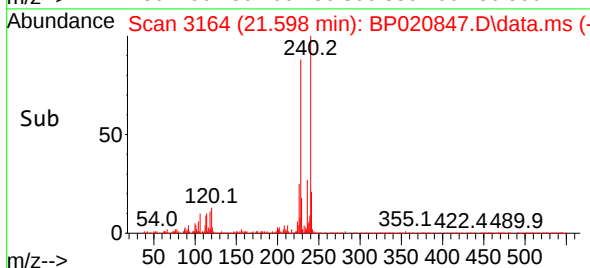
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

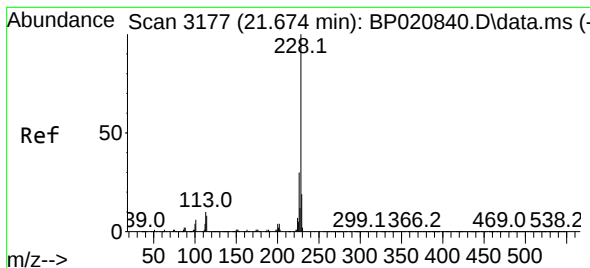


#85
Benzo(a)anthracene
Concen: 2.542 ng/ul
RT: 21.598 min Scan# 3164
Delta R.T. -0.000 min
Lab File: BP020847.D
Acq: 09 Jul 2024 01:53



Tgt Ion:228 Resp: 185986
Ion Ratio Lower Upper
228 100
229 21.0 15.2 22.8
226 28.3 21.1 31.7





#87

Chrysene

Concen: 3.354 ng/ul

RT: 21.669 min Scan# 3177

Delta R.T. -0.000 min

Lab File: BP020847.D

Acq: 09 Jul 2024 01:53

Instrument :

BNA_P

ClientSampleId :

A4CX1

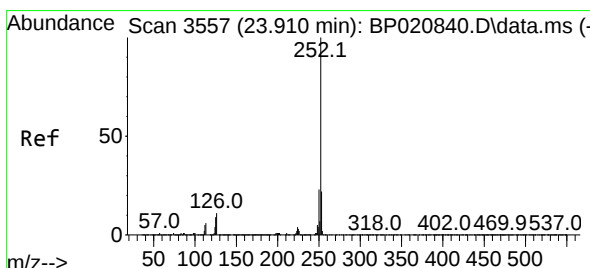
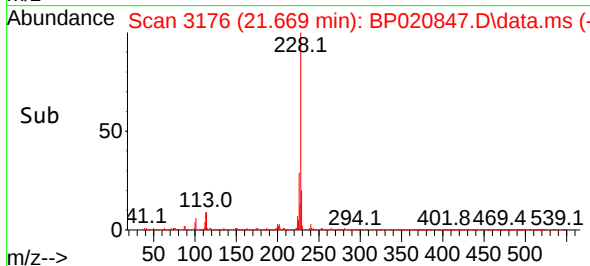
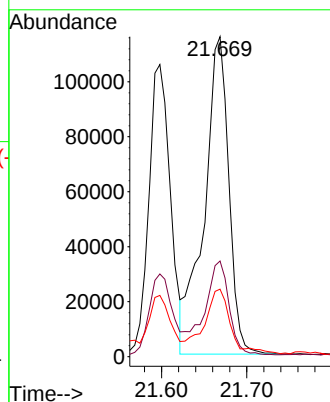
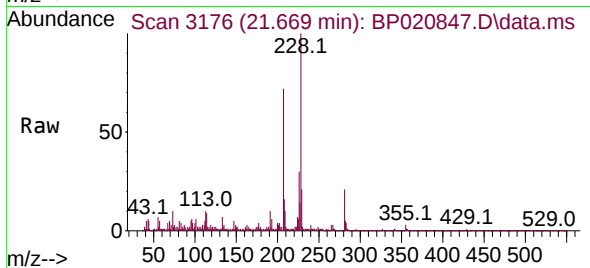
Tgt Ion:228	Resp: 23201
Ion Ratio	Lower Upper
228 100	
226 29.9	23.8 35.6
229 21.1	16.1 24.1

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Supervised By :mohammad ahmed 07/10/2024



#90

Benzo(b)fluoranthene

Concen: 4.443 ng/ul

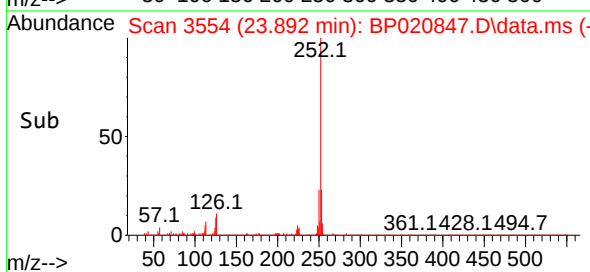
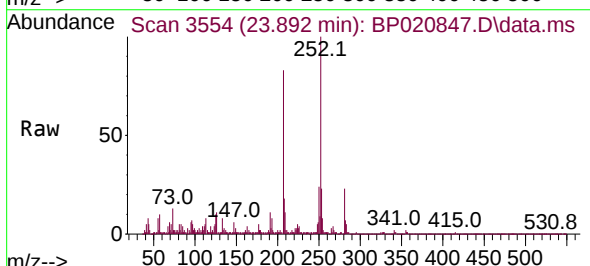
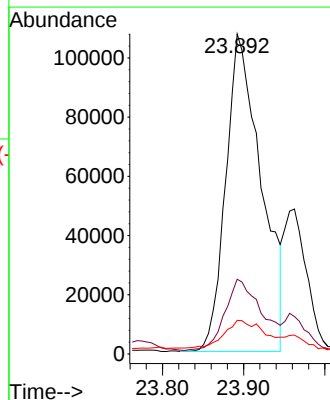
RT: 23.892 min Scan# 3554

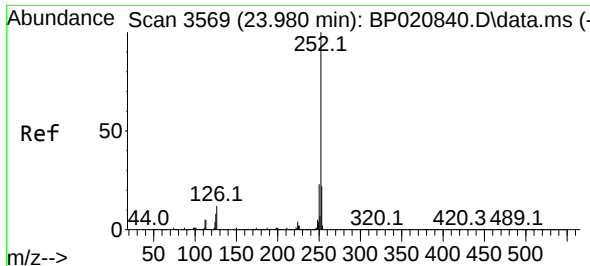
Delta R.T. -0.012 min

Lab File: BP020847.D

Acq: 09 Jul 2024 01:53

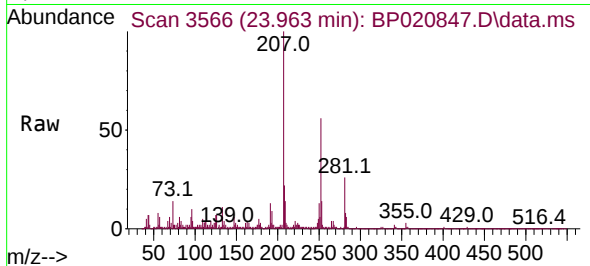
Tgt Ion:252	Resp: 325069
Ion Ratio	Lower Upper
252 100	
253 23.3	17.5 26.3
125 10.5	7.9 11.9





#91
Benzo(k)fluoranthene
Concen: 1.264 ng/ul m
RT: 23.963 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP020847.D
Acq: 09 Jul 2024 01:53

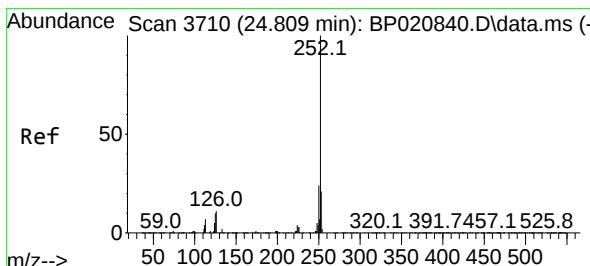
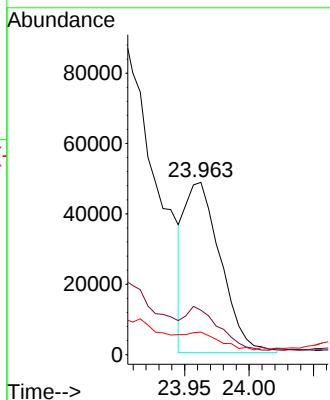
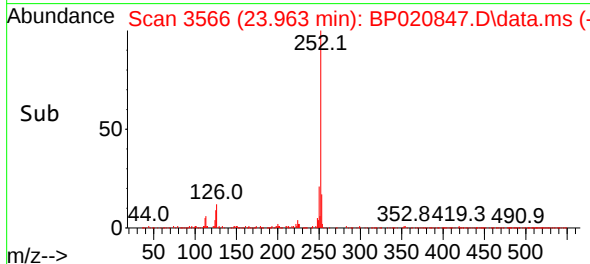
Instrument :
BNA_P
ClientSampleId :
A4CX1



Tgt Ion:252 Resp: 9352
Ion Ratio Lower Upper
252 100
253 25.8 17.6 26.4
125 13.1 7.9 11.9

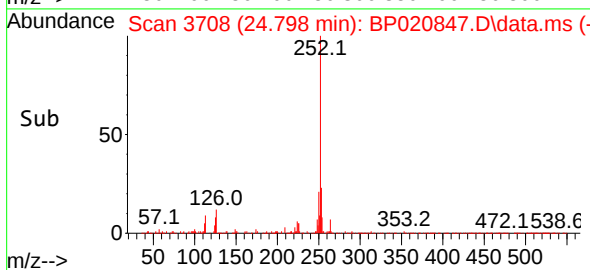
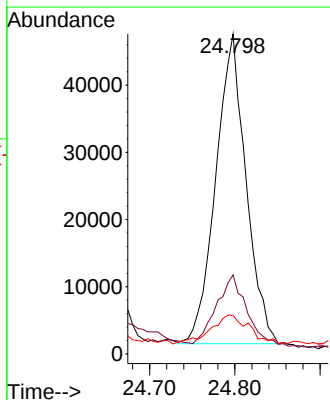
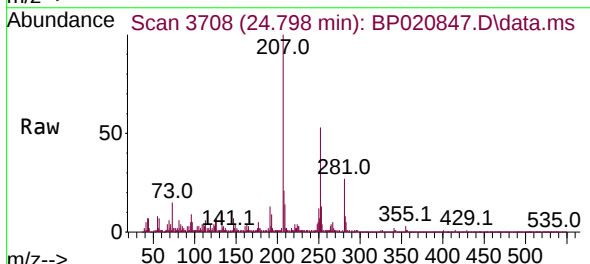
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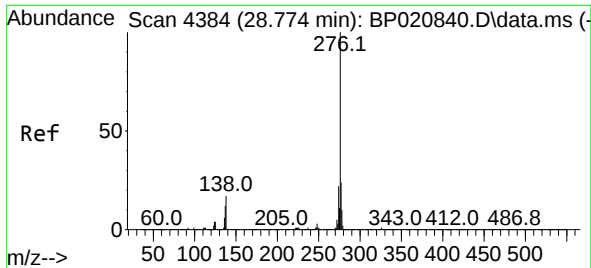
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#93
Benzo(a)pyrene
Concen: 1.645 ng/ul
RT: 24.798 min Scan# 3708
Delta R.T. -0.012 min
Lab File: BP020847.D
Acq: 09 Jul 2024 01:53

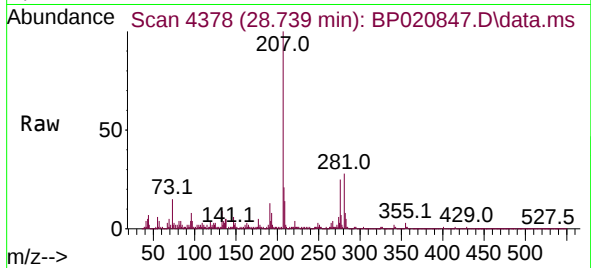
Tgt Ion:252 Resp: 113589
Ion Ratio Lower Upper
252 100
253 24.7 17.4 26.2
125 12.1 8.7 13.1





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.357 ng/ul m
 RT: 28.739 min Scan# 4378
 Delta R.T. -0.024 min
 Lab File: BP020847.D
 Acq: 09 Jul 2024 01:53

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:276 Resp: 120200
 Ion Ratio Lower Upper
 276 100
 138 19.0 15.2 22.8
 277 26.4 19.0 28.4

Manual Integrations
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