

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
 Data File : BP021023.D
 Acq On : 17 Jul 2024 18:52
 Operator : MA/JU
 Sample : P3215-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BD3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 22:48:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	142479	20.000	ng/u1	0.00
20) Naphthalene-d8	10.451	136	578541	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	397286	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	926695	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	942198	20.000	ng/u1	0.01
88) Perylene-d12	24.856	264	1112220	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	12326	3.937	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.899	99	269843	23.231	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	156930	22.293	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	223137	23.315	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	197603	20.482	ng/u1	0.01
21) Nitrobenzene-d5	8.840	128	106603	23.723	ng/u1	0.01
24) 2-Nitrophenol-d4	9.551	143	122955	23.906	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.098	165	223438	24.025	ng/u1	0.01
31) 4-Chloroaniline-d4	10.604	131	214012	17.370	ng/u1	0.02
46) Dimethylphthalate-d6	13.716	166	709280	24.559	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	830313	25.604	ng/u1	0.00
54) 4-Nitrophenol-d4	14.581	143	103907m	25.287	ng/u1	0.01
60) Fluorene-d10	15.322	176	655000	27.645	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	101689	18.136	ng/u1	0.00
73) Anthracene-d10	17.227	188	1106814	26.891	ng/u1	0.00
81) Pyrene-d10	19.604	212	1066805	18.314	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.627	264	738938	13.471	ng/u1	0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.163	178	195413	4.065	ng/u1	98
80) Fluoranthene	19.257	202	500573	7.116	ng/u1	98
82) Pyrene	19.633	202	298596	4.171	ng/u1	98
85) Benzo(a)anthracene	21.545	228	224440	3.401	ng/u1	99
87) Chrysene	21.610	228	253415	4.132	ng/u1	98
90) Benzo(b)fluoranthene	23.809	252	323706	4.796	ng/u1#	96
91) Benzo(k)fluoranthene	23.880	252	133317m	1.979	ng/u1	
93) Benzo(a)pyrene	24.698	252	88820	1.393	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	28.627	276	94615	1.151	ng/u1	93

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

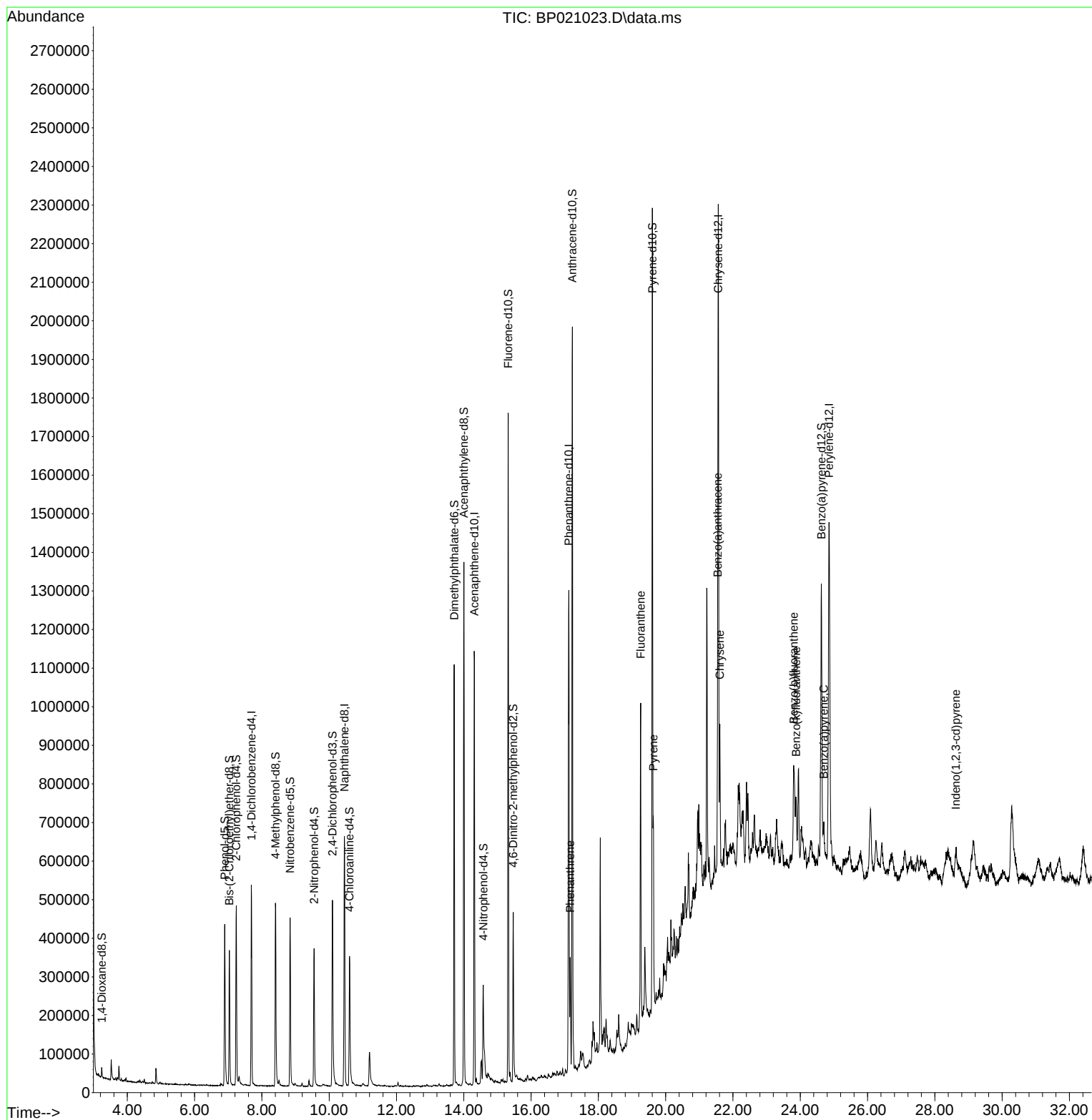
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021023.D
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Operator : MA/JU
Sample : P3215-01
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ALS Vial : 9 Sample Multiplier: 1

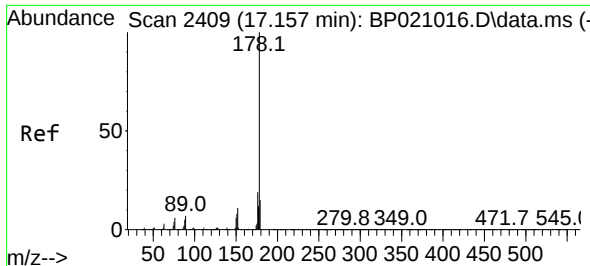
Instrument :
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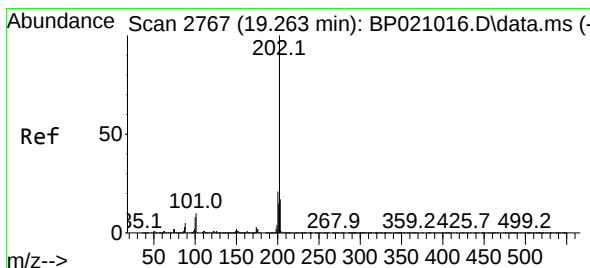
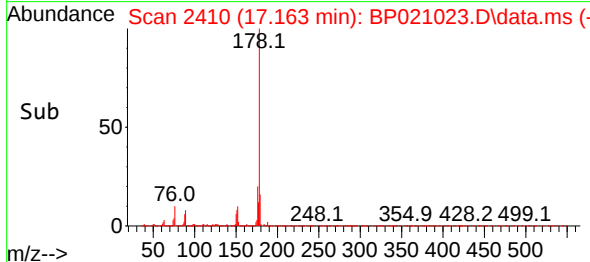
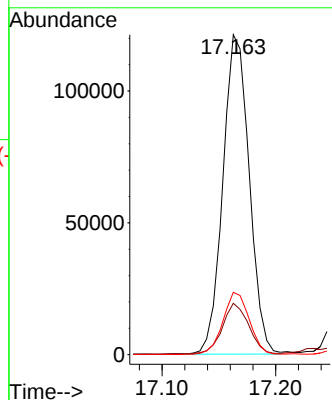
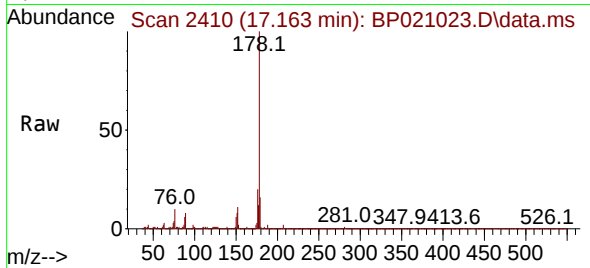
#72
Phenanthrene
Concen: 4.065 ng/ul
RT: 17.163 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP021023.D
Acq: 17 Jul 2024 18:52

Instrument :
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ClientSampleId :
A4BD3

Tgt Ion:178 Resp: 19541
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.4
176 19.5 15.0 22.4

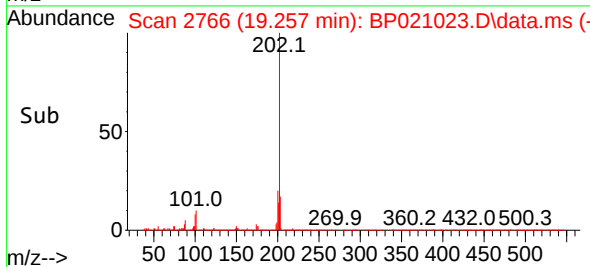
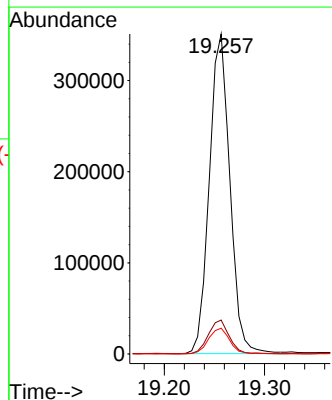
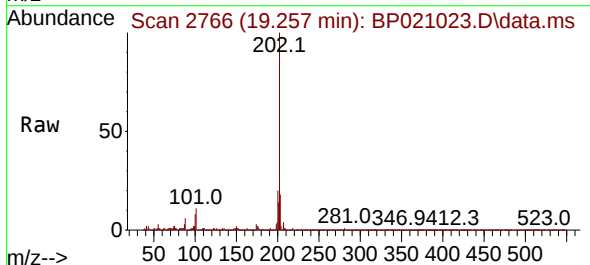
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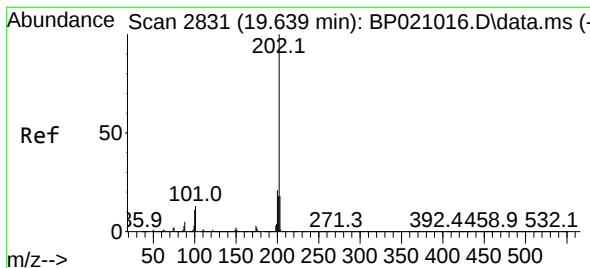
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#80
Fluoranthene
Concen: 7.116 ng/ul
RT: 19.257 min Scan# 2766
Delta R.T. 0.006 min
Lab File: BP021023.D
Acq: 17 Jul 2024 18:52

Tgt Ion:202 Resp: 500573
Ion Ratio Lower Upper
202 100
101 10.6 8.0 12.0
100 8.1 6.1 9.1





#82

Pyrene

Concen: 4.171 ng/ul

RT: 19.633 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021023.D

Acq: 17 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

A4BD3

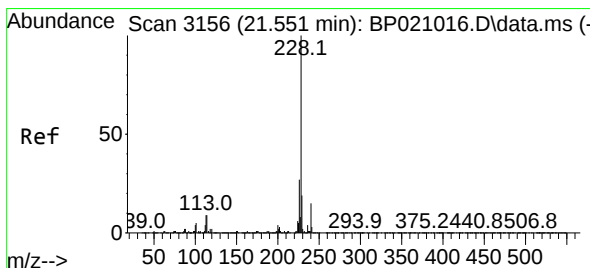
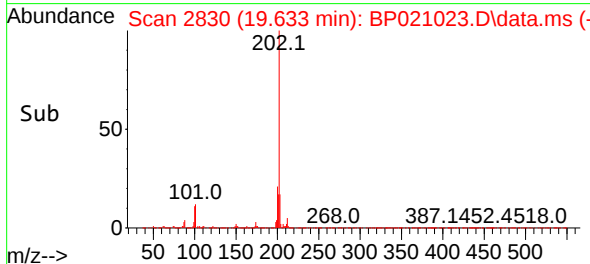
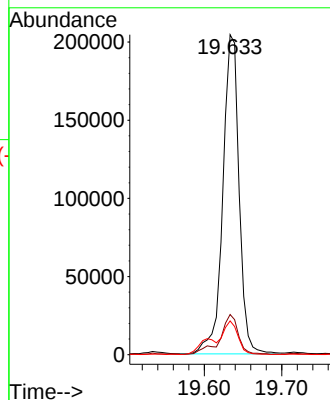
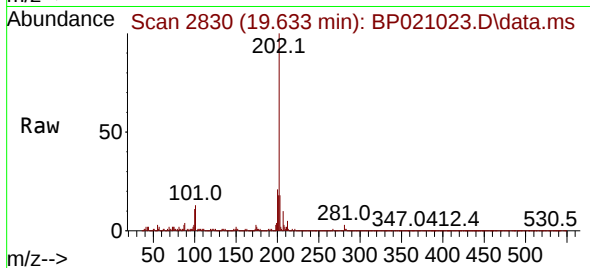
Tgt Ion:	202	Resp:	298590
Ion Ratio	Lower	Upper	
202	100		
101	12.6	9.4	14.2
100	10.6	7.8	11.6

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#85

Benzo(a)anthracene

Concen: 3.401 ng/ul

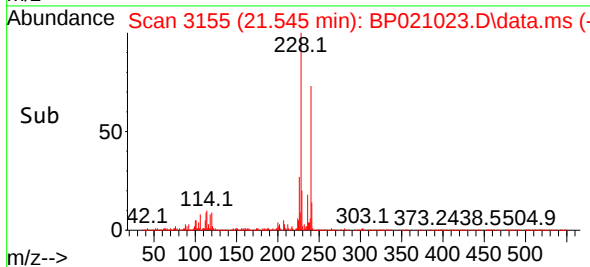
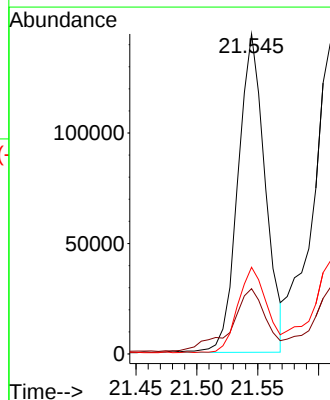
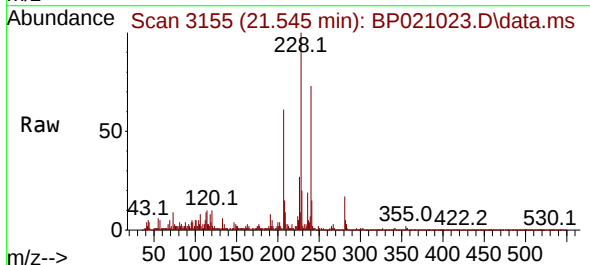
RT: 21.545 min Scan# 3155

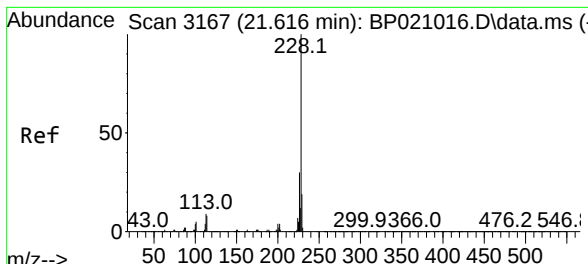
Delta R.T. 0.012 min

Lab File: BP021023.D

Acq: 17 Jul 2024 18:52

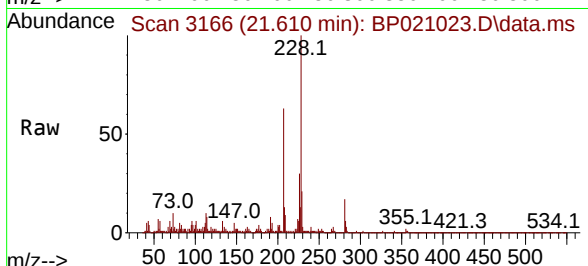
Tgt Ion:	228	Resp:	224440
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.5	23.3
226	27.1	21.4	32.2





#87
Chrysene
Concen: 4.132 ng/ul
RT: 21.610 min Scan# 3167
Delta R.T. 0.011 min
Lab File: BP021023.D
Acq: 17 Jul 2024 18:52

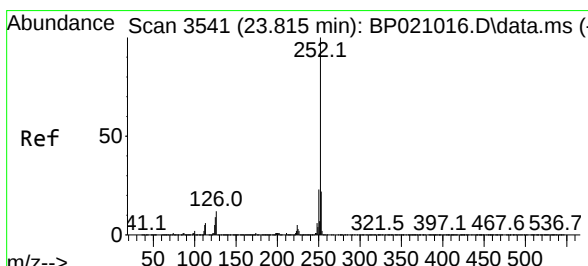
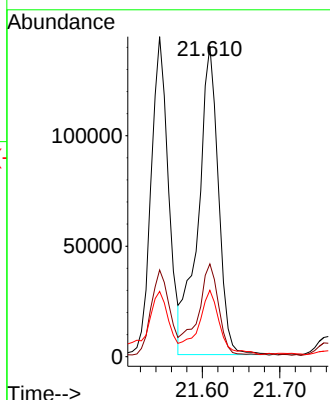
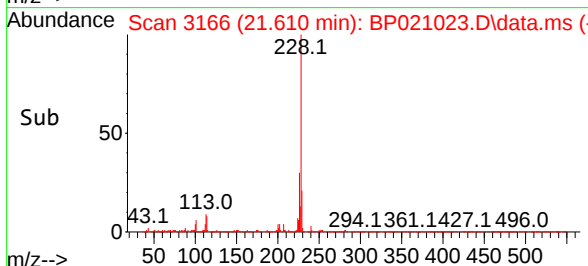
Instrument :
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Tgt Ion:228 Resp: 253415
Ion Ratio Lower Upper
228 100
226 29.9 23.6 35.4
229 21.4 15.5 23.3

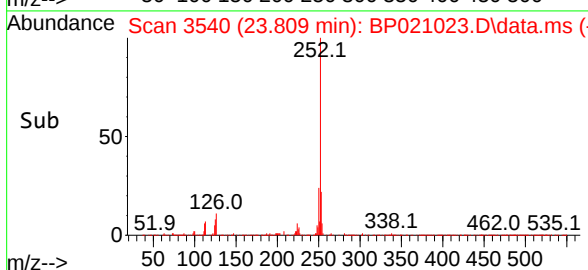
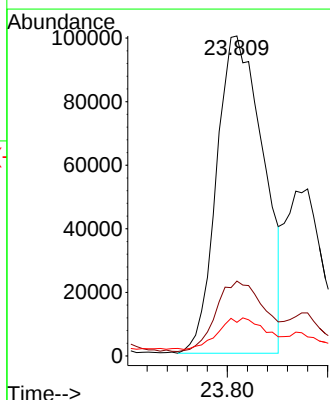
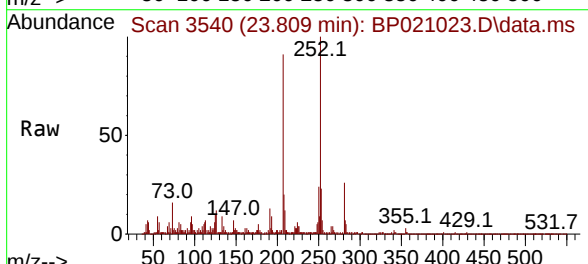
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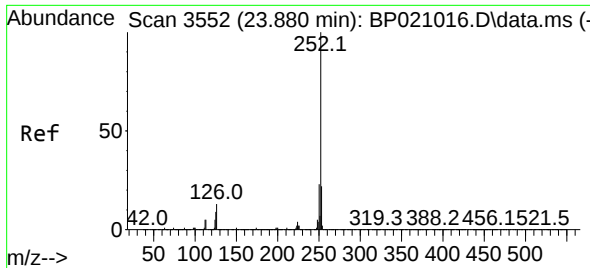
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#90
Benzo(b)fluoranthene
Concen: 4.796 ng/ul
RT: 23.809 min Scan# 3540
Delta R.T. 0.029 min
Lab File: BP021023.D
Acq: 17 Jul 2024 18:52

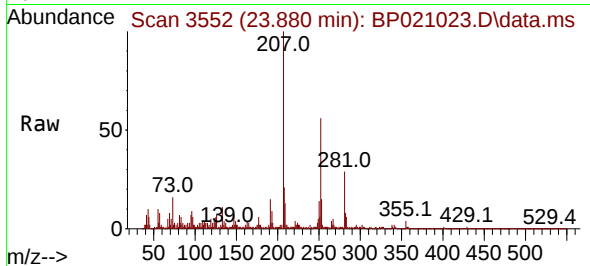
Tgt Ion:252 Resp: 323706
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 10.5 7.0 10.4





#91
Benzo(k)fluoranthene
Concen: 1.979 ng/ul m
RT: 23.880 min Scan# 3552
Delta R.T. 0.029 min
Lab File: BP021023.D
Acq: 17 Jul 2024 18:52

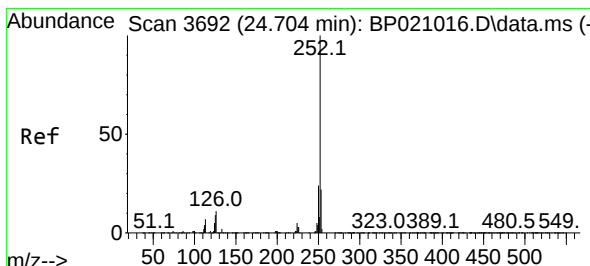
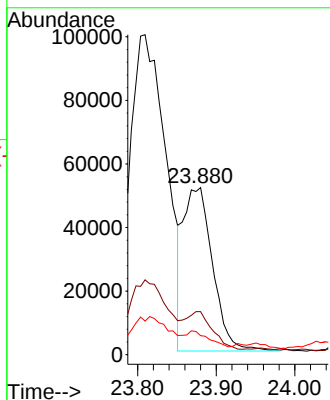
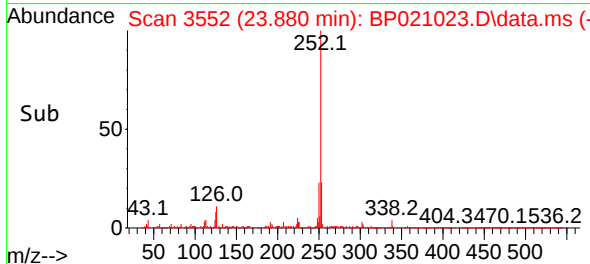
Instrument :
BNA_P
ClientSampleId :
A4BD3



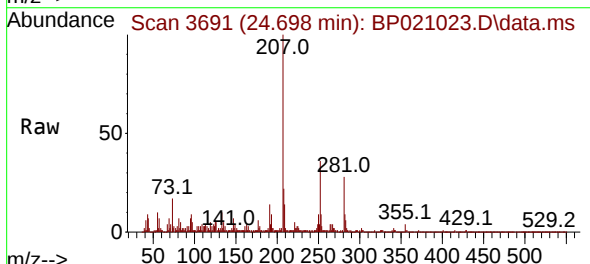
Tgt Ion:252 Resp: 133317
Ion Ratio Lower Upper
252 100
253 25.8 17.4 26.2
125 11.4 7.4 11.0

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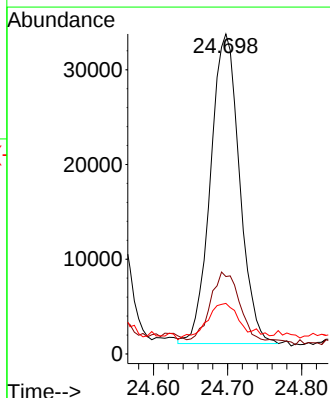
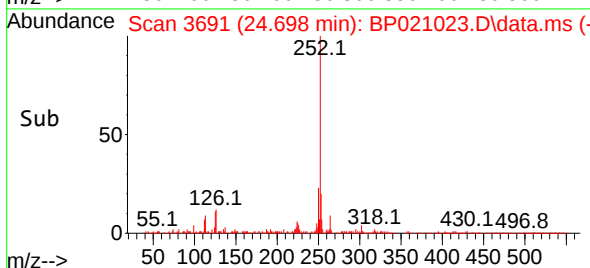
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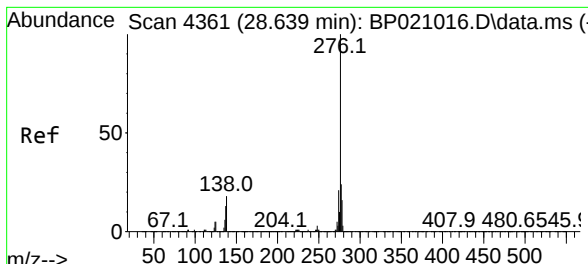


#93
Benzo(a)pyrene
Concen: 1.393 ng/ul
RT: 24.698 min Scan# 3691
Delta R.T. 0.029 min
Lab File: BP021023.D
Acq: 17 Jul 2024 18:52



Tgt Ion:252 Resp: 88820
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.0
125 15.8 7.7 11.5





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.151 ng/ul
 RT: 28.627 min Scan# 41
 Delta R.T. 0.053 min
 Lab File: BP021023.D
 Acq: 17 Jul 2024 18:52

Instrument : BNA_P
 ClientSampleId : A4BD3

Tgt Ion:	276	Resp:	9461
Ion Ratio	Lower	Upper	
276	100		
138	21.3	14.3	21.5
277	27.5	19.2	28.8

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