

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020701.D
 Acq On : 28 Jun 2024 21:15
 Operator : MA/JU
 Sample : P2934-11
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CP7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 22:58:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	190733	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.510	136	755664	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.381	164	433722	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.198	188	787486	20.000	ng/u1	0.01
79) Chrysene-d12	21.657	240	719294	20.000	ng/u1	0.02
88) Perylene-d12	25.021	264	872797	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	17448	3.928	ng/uL	0.00
4) Pyridine-d5	3.693	84	43167	3.335	ng/u1	0.00
7) Phenol-d5	6.922	99	356215	22.771	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	231463	23.339	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.281	132	309803	24.231	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	293054	23.065	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	148123	26.550	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	163613	29.305	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	288483	25.085	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	245487	15.232	ng/u1	0.00
46) Dimethylphthalate-d6	13.787	166	827136	27.428	ng/u1	0.00
49) Acenaphthylene-d8	14.069	160	930444	25.857	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	81460	17.680	ng/u1	0.02
60) Fluorene-d10	15.392	176	657415	25.907	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	79991	20.157	ng/u1	0.02
73) Anthracene-d10	17.298	188	904465	25.591	ng/u1	0.02
81) Pyrene-d10	19.680	212	902233	20.879	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.792	264	740160	17.433	ng/u1	0.03
Target Compounds						
					Qvalue	
72) Phenanthrene	17.239	178	144301	3.499	ng/u1	100
80) Fluoranthene	19.333	202	348824	6.609	ng/u1	99
82) Pyrene	19.710	202	237854	4.394	ng/u1	99
85) Benzo(a)anthracene	21.633	228	150769	2.990	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.568	149	40461	1.296	ng/u1	98
87) Chrysene	21.704	228	181306	3.805	ng/u1	98
90) Benzo(b)fluoranthene	23.951	252	265873	5.028	ng/u1	94
91) Benzo(k)fluoranthene	24.027	252	91117m	1.704	ng/u1	
93) Benzo(a)pyrene	24.862	252	90821	1.820	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	28.845	276	94684m	1.479	ng/u1	

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

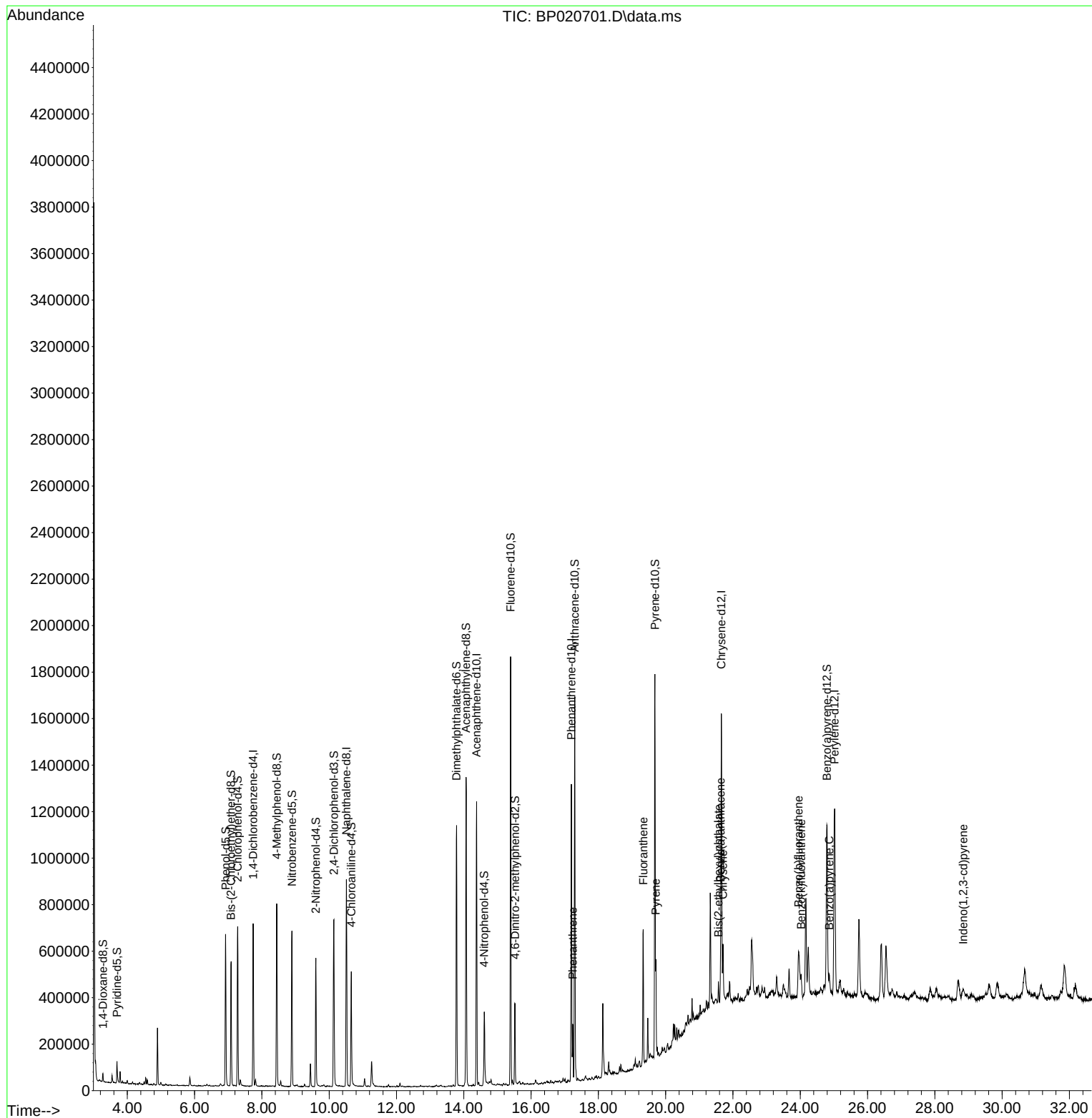
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020701.D
Acq On : 28 Jun 2024 21:15
Operator : MA/JU
Sample : P2934-11
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ALS Vial : 59 Sample Multiplier: 1

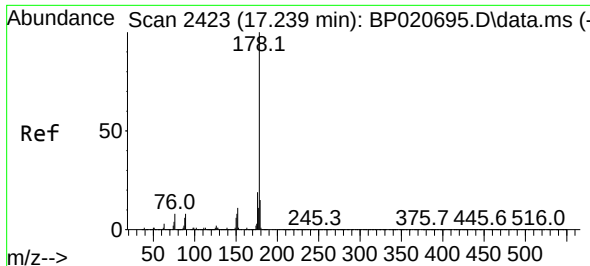
Instrument :
BNA_P
ClientSampleId :
A4CP7

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Supervised By :mohammad ahmed 06/29/2024

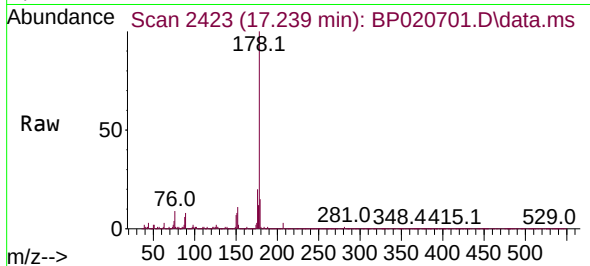
Quant Time: Jun 28 22:58:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.499 ng/u1
RT: 17.239 min Scan# 2423
Delta R.T. 0.012 min
Lab File: BP020701.D
Acq: 28 Jun 2024 21:15

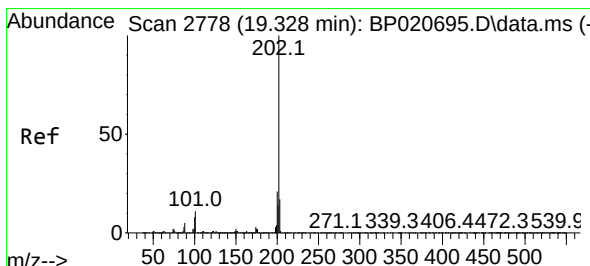
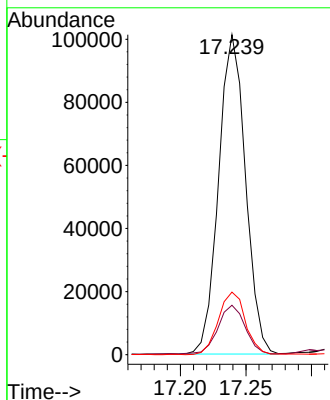
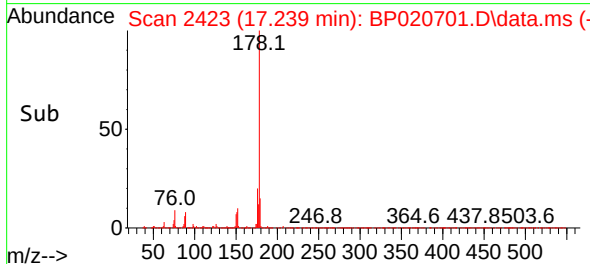
Instrument :
BNA_P
ClientSampleId :
A4CP7



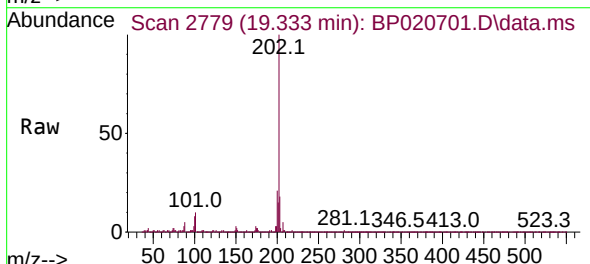
Tgt Ion:178 Resp: 14430
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.5 15.4 23.2

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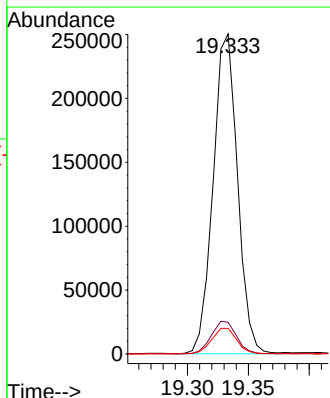
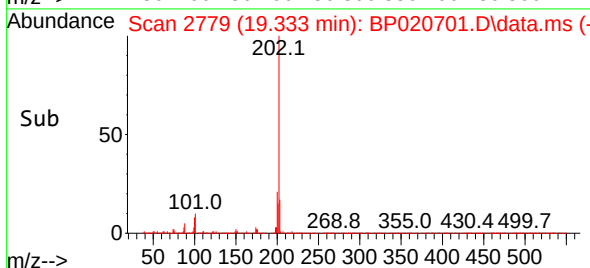
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

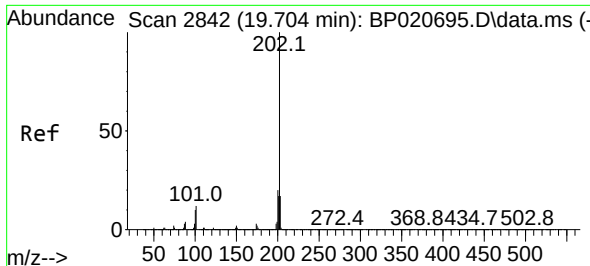


#80
Fluoranthene
Concen: 6.609 ng/u1
RT: 19.333 min Scan# 2779
Delta R.T. 0.012 min
Lab File: BP020701.D
Acq: 28 Jun 2024 21:15



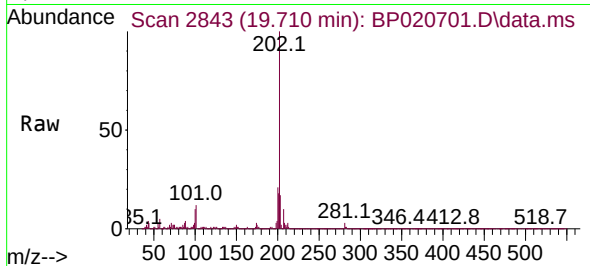
Tgt Ion:202 Resp: 348824
Ion Ratio Lower Upper
202 100
101 9.9 8.2 12.4
100 8.0 6.6 10.0





#82
Pyrene
Concen: 4.394 ng/ul
RT: 19.710 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP020701.D
Acq: 28 Jun 2024 21:15

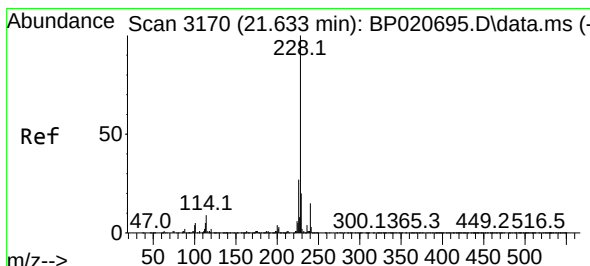
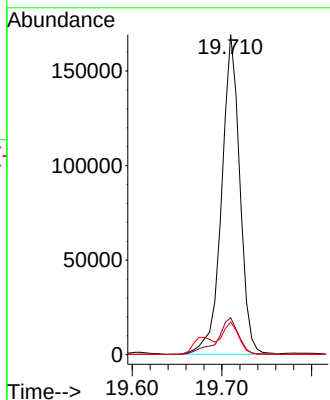
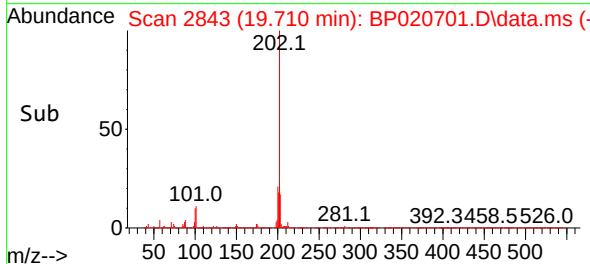
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:202 Resp: 237854
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.8
100 10.2 7.9 11.9

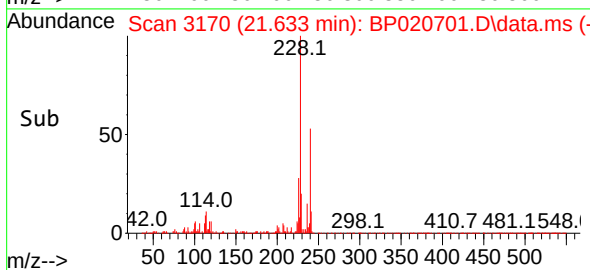
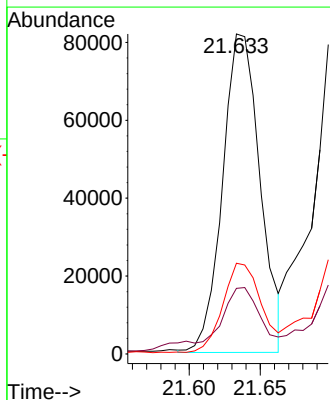
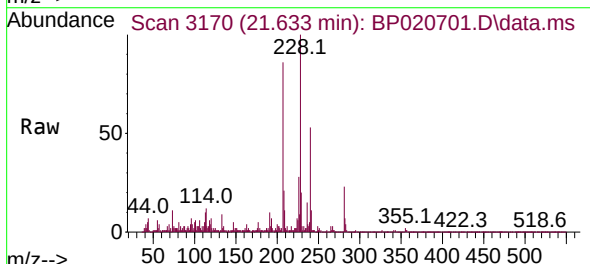
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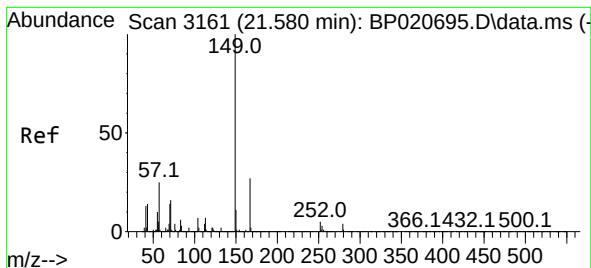
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#85
Benzo(a)anthracene
Concen: 2.990 ng/ul
RT: 21.633 min Scan# 3170
Delta R.T. 0.012 min
Lab File: BP020701.D
Acq: 28 Jun 2024 21:15

Tgt Ion:228 Resp: 150769
Ion Ratio Lower Upper
228 100
229 20.5 15.2 22.8
226 28.3 21.1 31.7





#86

Bis(2-ethylhexyl)phthalate

Concen: 1.296 ng/ul

RT: 21.568 min Scan# 3159

Delta R.T. -0.000 min

Lab File: BP020701.D

Acq: 28 Jun 2024 21:15

Instrument :

BNA_P

ClientSampleId :

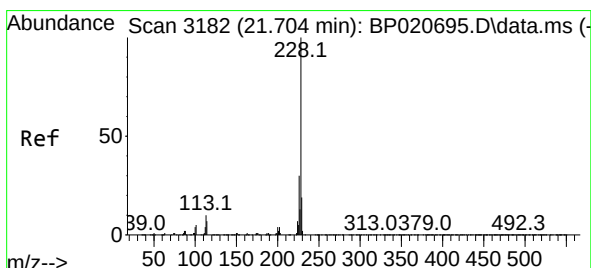
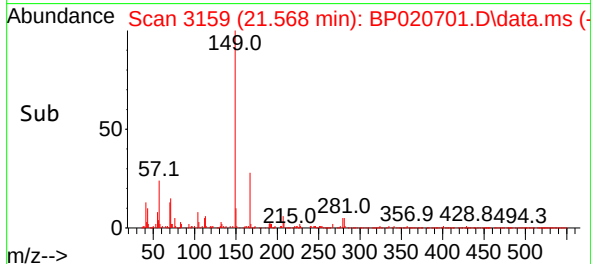
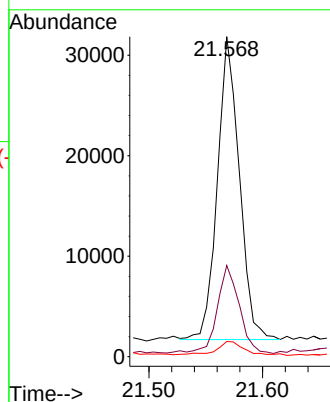
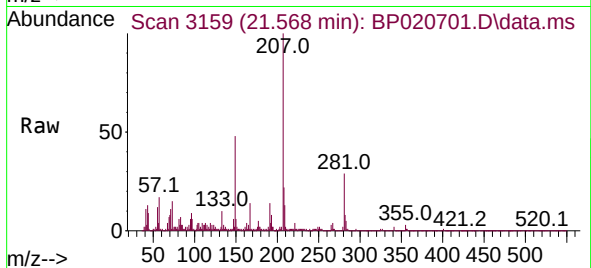
A4CP7

Tgt Ion:	149	Resp:	4046
Ion Ratio	Lower	Upper	
149	100		
167	28.5	22.0	33.0
279	4.7	3.3	4.9

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#87

Chrysene

Concen: 3.805 ng/ul

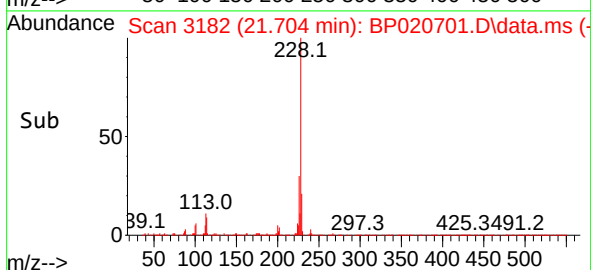
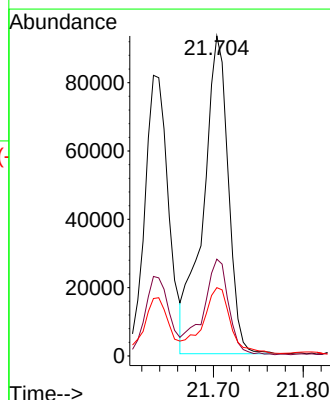
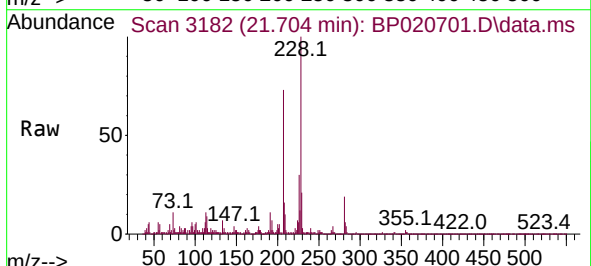
RT: 21.704 min Scan# 3182

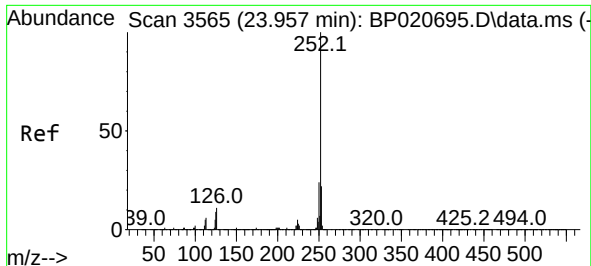
Delta R.T. 0.012 min

Lab File: BP020701.D

Acq: 28 Jun 2024 21:15

Tgt Ion:	228	Resp:	181306
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.8	35.6
229	21.3	16.1	24.1





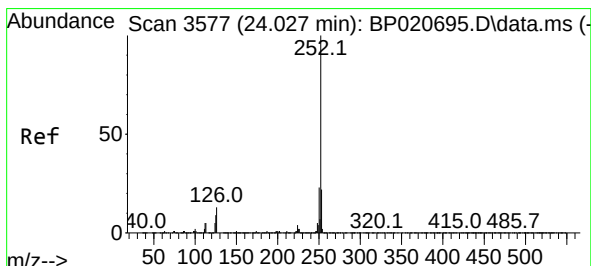
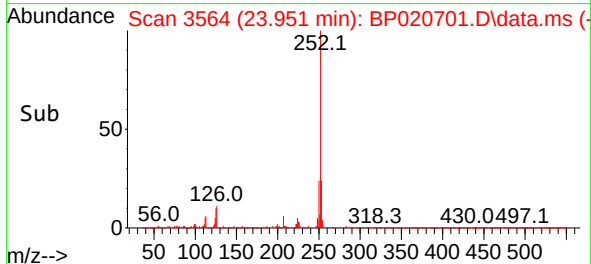
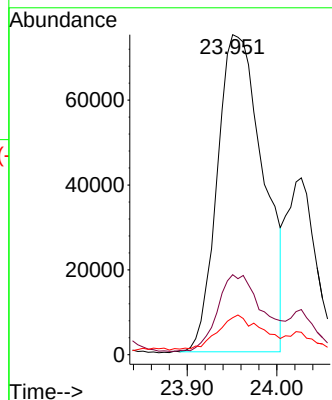
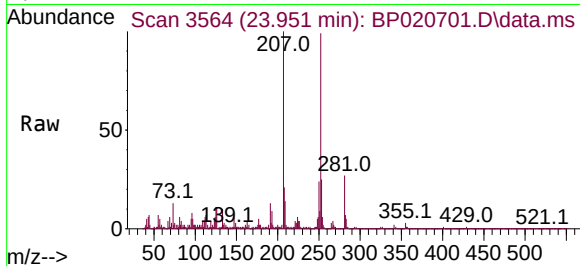
#90
Benzo(b)fluoranthene
Concen: 5.028 ng/ul
RT: 23.951 min Scan# 3565
Delta R.T. 0.012 min
Lab File: BP020701.D
Acq: 28 Jun 2024 21:15

Instrument :
BNA_P
ClientSampleId :
A4CP7

Tgt Ion:252 Resp: 26587
Ion Ratio Lower Upper
252 100
253 25.0 17.5 26.3
125 11.6 7.9 11.9

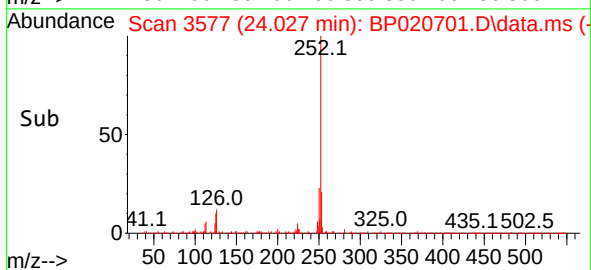
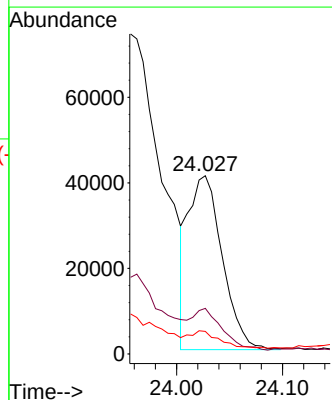
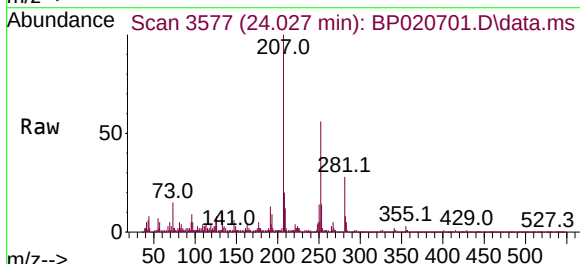
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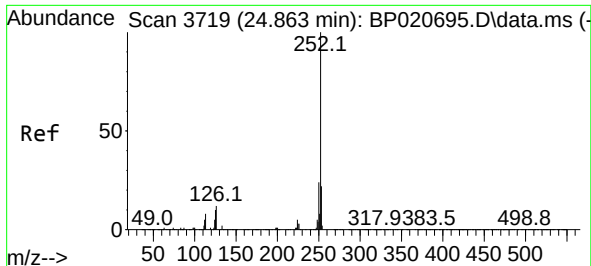
Reviewed By :Yogesh Patel 06/29/2024
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#91
Benzo(k)fluoranthene
Concen: 1.704 ng/ul m
RT: 24.027 min Scan# 3577
Delta R.T. 0.023 min
Lab File: BP020701.D
Acq: 28 Jun 2024 21:15

Tgt Ion:252 Resp: 91117
Ion Ratio Lower Upper
252 100
253 25.6 17.6 26.4
125 12.7 7.9 11.9#





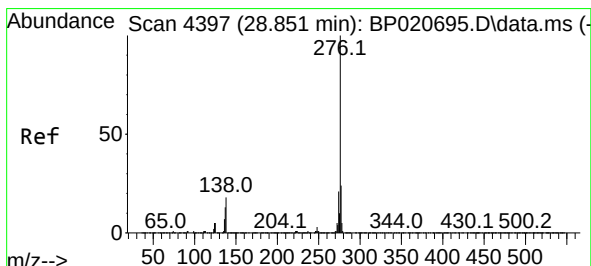
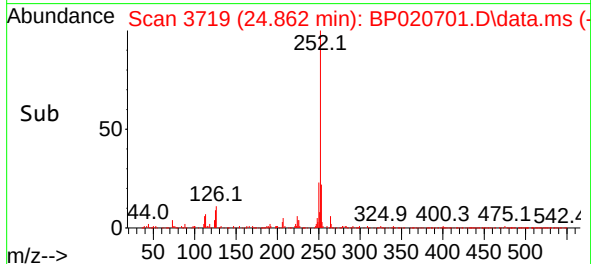
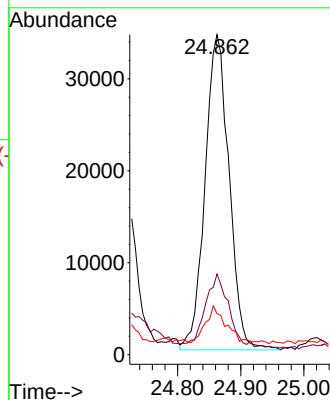
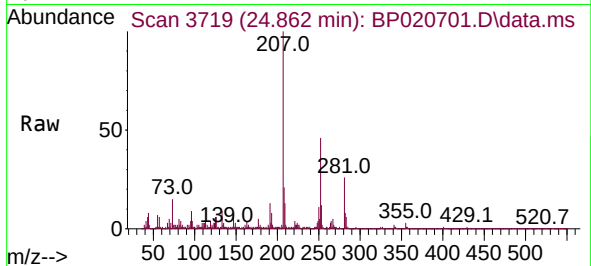
#93
Benzo(a)pyrene
Concen: 1.820 ng/ul
RT: 24.862 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP020701.D
Acq: 28 Jun 2024 21:15

Instrument :
BNA_P
ClientSampleId :
A4CP7

Tgt Ion:252 Resp: 9082
Ion Ratio Lower Upper
252 100
253 25.2 17.4 26.2
125 12.9 8.7 13.1

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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.479 ng/ul m
RT: 28.845 min Scan# 4396
Delta R.T. 0.029 min
Lab File: BP020701.D
Acq: 28 Jun 2024 21:15

Tgt Ion:276 Resp: 94684
Ion Ratio Lower Upper
276 100
138 20.0 15.2 22.8
277 20.8 19.0 28.4

