

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102924\
 Data File : BP022720.D
 Acq On : 29 Oct 2024 21:29
 Operator : RC/JU
 Sample : P4492-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EN0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 30 01:03:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 29 18:08:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	97098	20.000	ng/u1	0.00
20) Naphthalene-d8	10.399	136	373854	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	298906	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	697566	20.000	ng/u1	0.01
79) Chrysene-d12	21.492	240	700918	20.000	ng/u1	0.00
88) Perylene-d12	24.745	264	837538	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	6657	2.664	ng/uL	0.00
4) Pyridine-d5	3.599	84	106696	15.555	ng/u1	0.00
7) Phenol-d5	6.840	99	154178	18.863	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	87648	18.245	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	114869	19.806	ng/u1	0.00
15) 4-Methylphenol-d8	8.352	113	132103	20.253	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	58396	20.315	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	70330	21.133	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	147671	20.877	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	164420	19.672	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	540111	22.743	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	567209	22.487	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	66353	16.654	ng/u1	0.02
60) Fluorene-d10	15.275	176	491925	23.881	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	57375	12.506	ng/u1	0.00
73) Anthracene-d10	17.163	188	811482	24.729	ng/u1	0.00
81) Pyrene-d10	19.551	212	1018374	27.475	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.527	264	1177701	26.330	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.104	178	48372	1.296	ng/u1	98
80) Fluoranthene	19.204	202	119036	2.794	ng/u1	98
82) Pyrene	19.580	202	110601	2.422	ng/u1	97
85) Benzo(a)anthracene	21.474	228	57450	1.169	ng/u1	97
87) Chrysene	21.539	228	60938m	1.337	ng/u1	
90) Benzo(b)fluoranthene	23.727	252	69607	1.320	ng/u1#	92
93) Benzo(a)pyrene	24.592	252	50529	1.041	ng/u1#	96

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

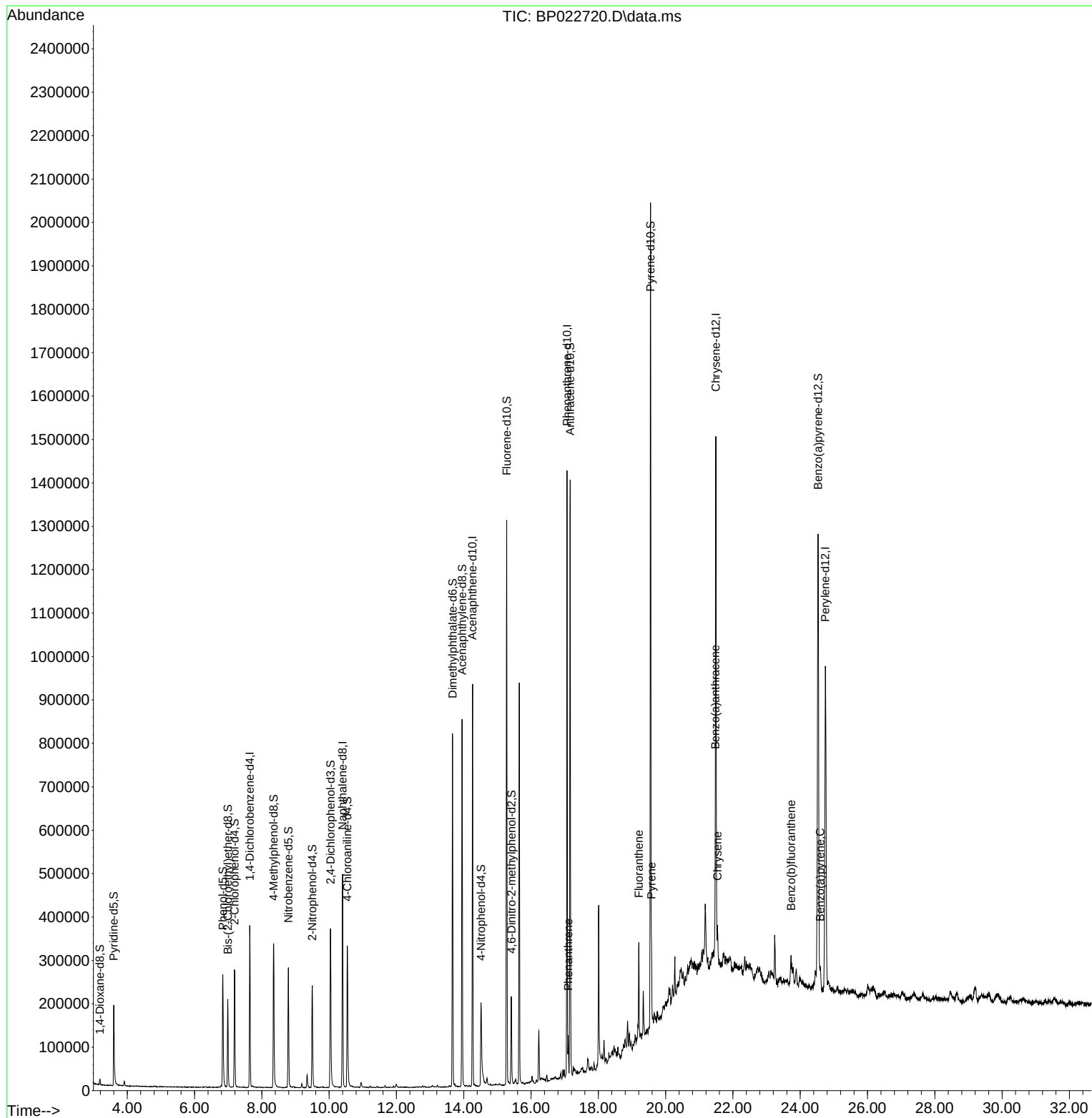
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102924\
Data File : BP022720.D
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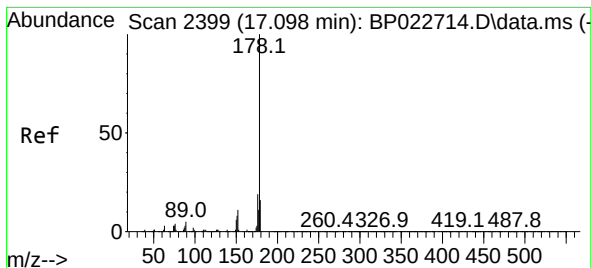
Instrument :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.296 ng/ul

RT: 17.104 min Scan# 2400

Delta R.T. 0.006 min

Lab File: BP022720.D

Acq: 29 Oct 2024 21:29

Instrument :

BNA_P

ClientSampleId :

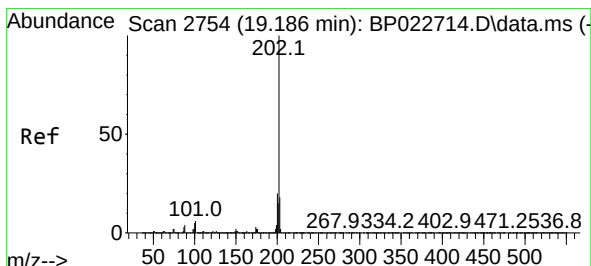
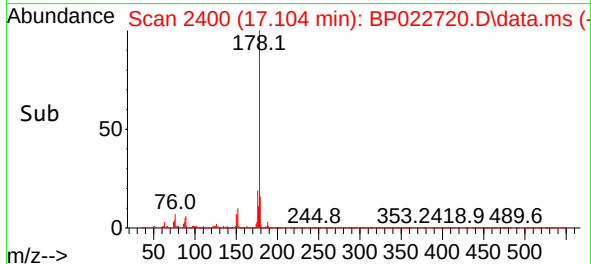
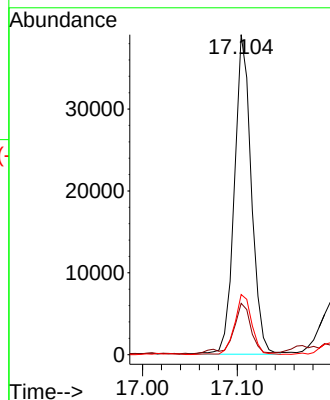
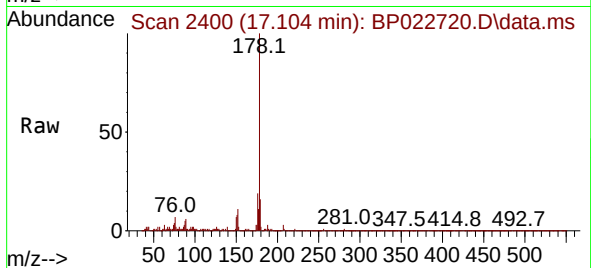
A4EN0

Tgt Ion:178	Resp:	48372
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.2 18.4
176	18.8	15.7 23.5

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#80

Fluoranthene

Concen: 2.794 ng/ul

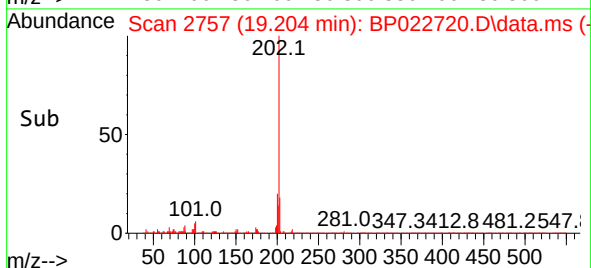
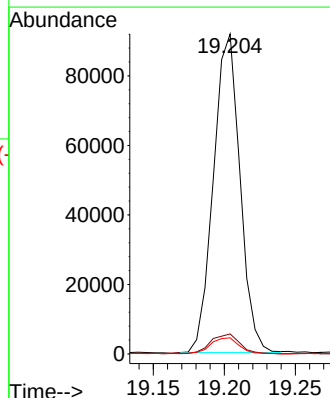
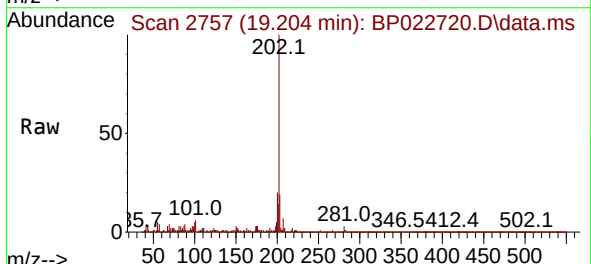
RT: 19.204 min Scan# 2757

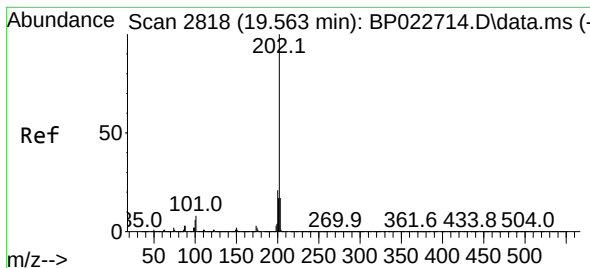
Delta R.T. 0.018 min

Lab File: BP022720.D

Acq: 29 Oct 2024 21:29

Tgt Ion:202	Resp:	119036
Ion Ratio	Lower	Upper
202	100	
101	6.3	5.8 8.8
100	5.1	4.5 6.7





#82

Pyrene

Concen: 2.422 ng/ul

RT: 19.580 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP022720.D

Acq: 29 Oct 2024 21:29

Instrument :

BNA_P

ClientSampleId :

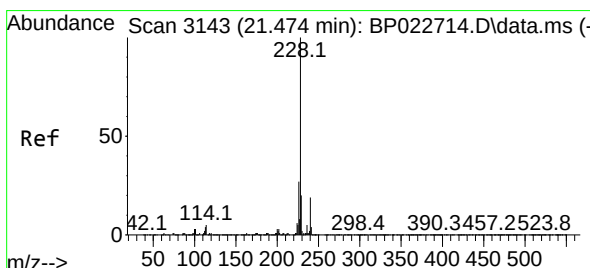
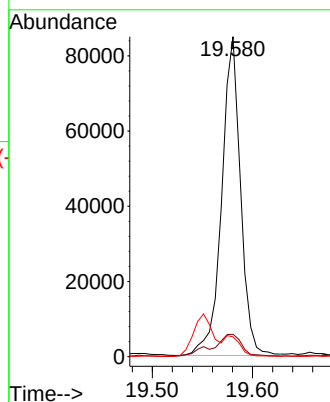
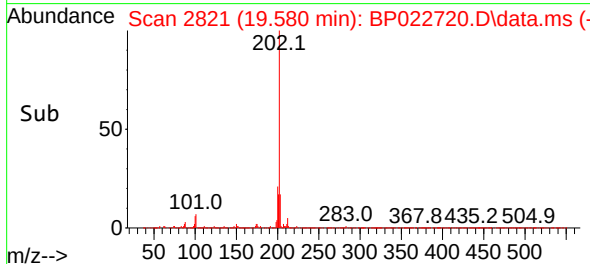
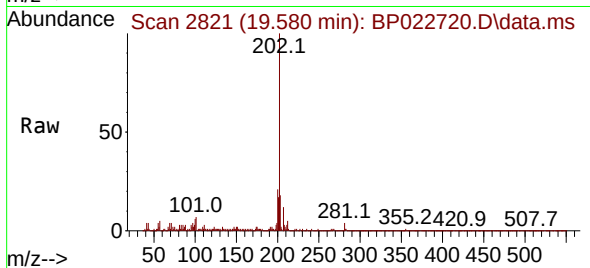
A4EN0

Tgt Ion:	202	Resp:	11060
Ion Ratio	Lower	Upper	
202	100		
101	7.0	6.7	10.1
100	6.2	5.8	8.6

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#85

Benzo(a)anthracene

Concen: 1.169 ng/ul

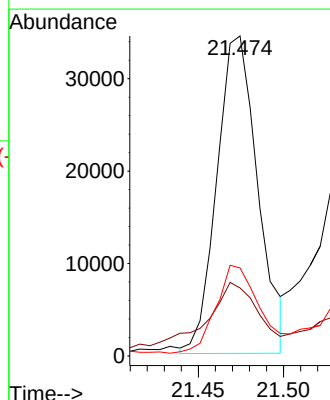
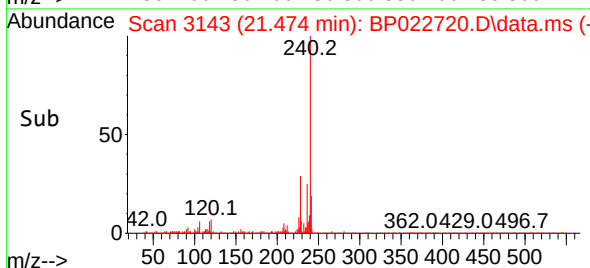
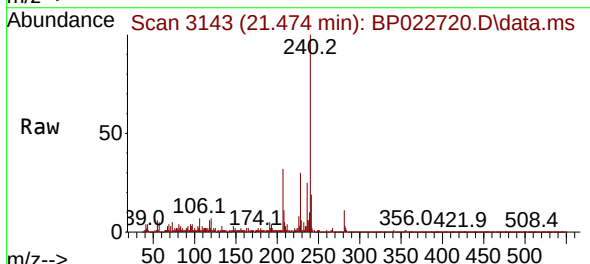
RT: 21.474 min Scan# 3143

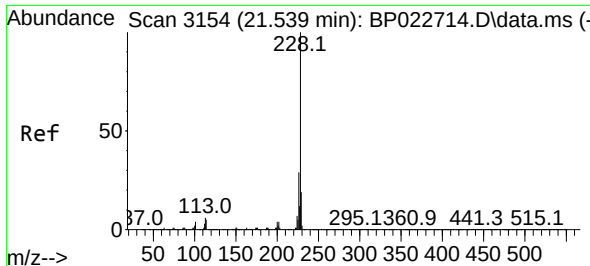
Delta R.T. 0.000 min

Lab File: BP022720.D

Acq: 29 Oct 2024 21:29

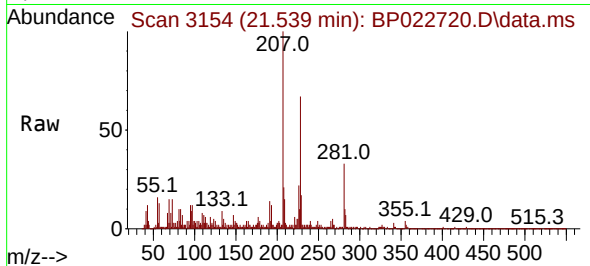
Tgt Ion:	228	Resp:	57450
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.4	23.0
226	27.5	21.5	32.3





#87
Chrysene
Concen: 1.337 ng/ul m
RT: 21.539 min Scan# 3154
Delta R.T. 0.000 min
Lab File: BP022720.D
Acq: 29 Oct 2024 21:29

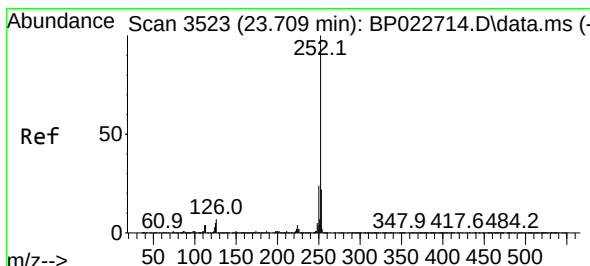
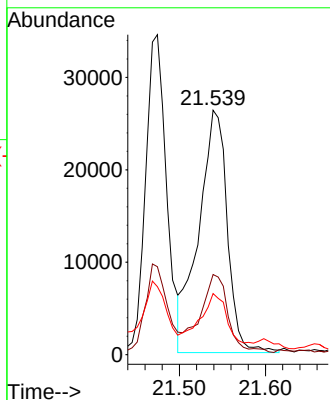
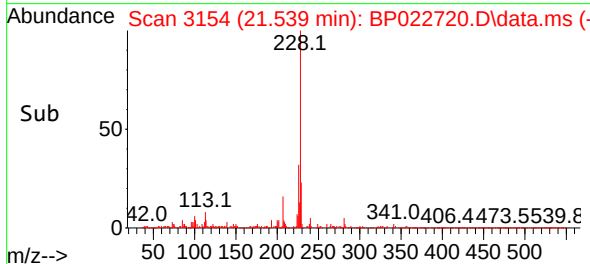
Instrument :
BNA_P
ClientSampleId :
A4EN0



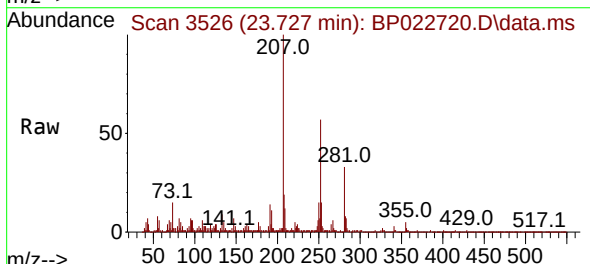
Tgt Ion:228 Resp: 60938
Ion Ratio Lower Upper
228 100
226 32.8 23.8 35.8
229 25.0 15.5 23.3

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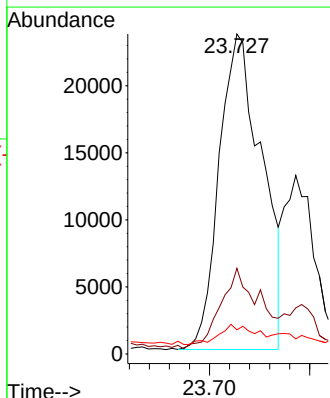
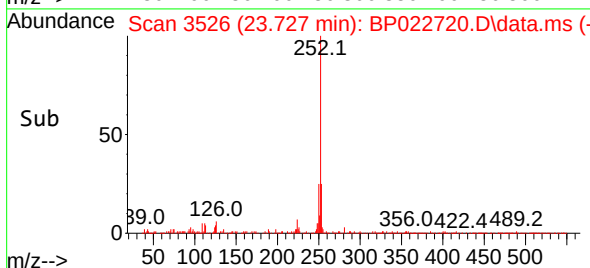
Reviewed By :Jagrut Upadhyay 10/30/2024
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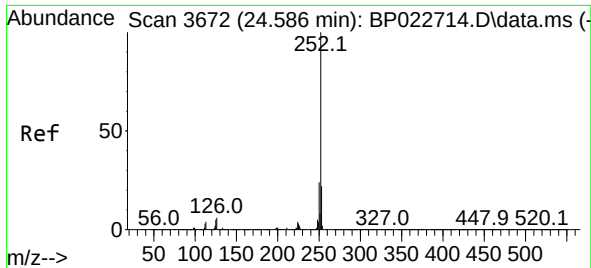


#90
Benzo(b)fluoranthene
Concen: 1.320 ng/ul
RT: 23.727 min Scan# 3526
Delta R.T. 0.018 min
Lab File: BP022720.D
Acq: 29 Oct 2024 21:29



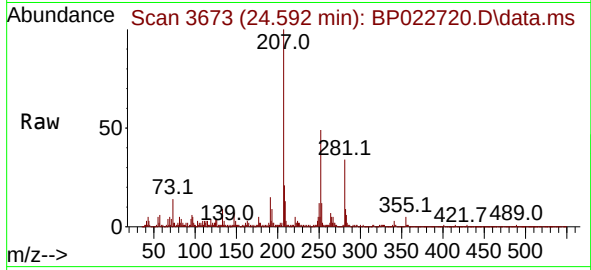
Tgt Ion:252 Resp: 69607
Ion Ratio Lower Upper
252 100
253 26.8 17.8 26.8
125 7.6 5.0 7.4





#93
 Benzo(a)pyrene
 Concen: 1.041 ng/ul
 RT: 24.592 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BP022720.D
 Acq: 29 Oct 2024 21:29

Instrument :
 BNA_P
 ClientSampleId :
 A4EN0



Tgt Ion:	252	Resp:	50529
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.7	26.5
125	7.6	4.9	7.3

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