

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102924\
 Data File : BP022722.D
 Acq On : 29 Oct 2024 22:50
 Operator : RC/JU
 Sample : P4492-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EN8

Manual Integrations
 APPROVED

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

Quant Time: Oct 30 01:10:30 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	7.646	152	98642	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	388456	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	300926	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.063	188	690163	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	682318	20.000	ng/u1	0.01
88) Perylene-d12	24.745	264	829249	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	6214	2.448	ng/uL	0.00
4) Pyridine-d5	3.599	84	93925	13.478	ng/u1	0.00
7) Phenol-d5	6.840	99	135048	16.264	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	80517	16.498	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	105078	17.834	ng/u1	0.00
15) 4-Methylphenol-d8	8.351	113	116088	17.519	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	51457	17.228	ng/u1	0.00
24) 2-Nitrophenol-d4	9.498	143	64323	18.601	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	134248	18.266	ng/u1	0.00
31) 4-Chloroaniline-d4	10.545	131	140392	16.166	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	460264	19.250	ng/u1	0.00
49) Acenaphthylene-d8	13.945	160	487723	19.206	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	54277m	13.532	ng/u1	0.02
60) Fluorene-d10	15.275	176	411410	19.838	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	49097	10.816	ng/u1	0.00
73) Anthracene-d10	17.175	188	668004	20.575	ng/u1	0.02
81) Pyrene-d10	19.545	212	816073	22.617	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.515	264	943076	21.295	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.104	178	99277	2.689	ng/u1	99
80) Fluoranthene	19.198	202	156082	3.763	ng/u1	99
82) Pyrene	19.574	202	140126	3.152	ng/u1	97
85) Benzo(a)anthracene	21.486	228	67620	1.414	ng/u1#	94
86) Bis(2-ethylhexyl)phtha...	21.410	149	23441	1.055	ng/u1	100
87) Chrysene	21.557	228	70055	1.580	ng/u1#	92
90) Benzo(b)fluoranthene	23.721	252	85542	1.639	ng/u1	96
93) Benzo(a)pyrene	24.592	252	63831	1.329	ng/u1#	97

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

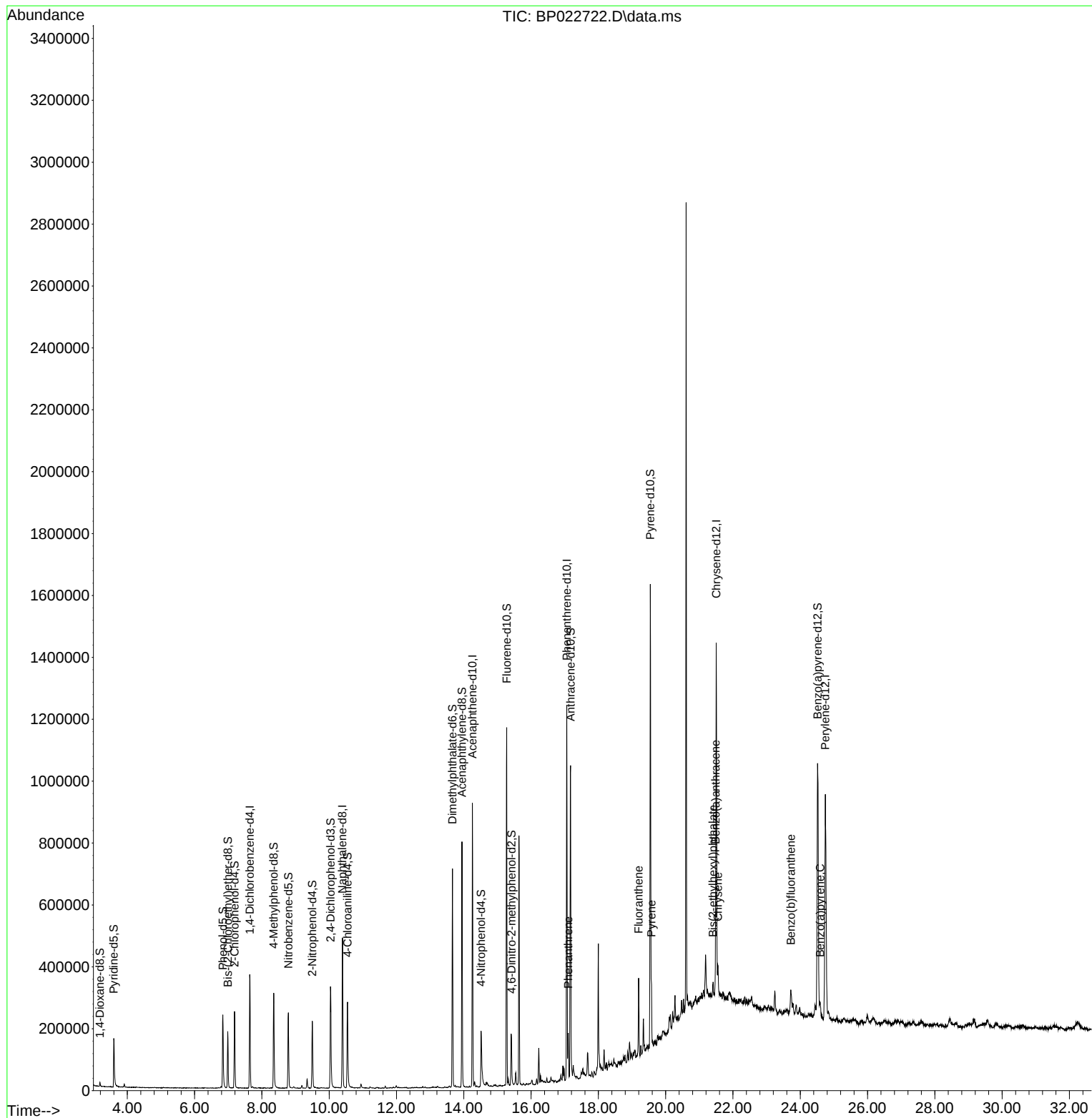
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102924\
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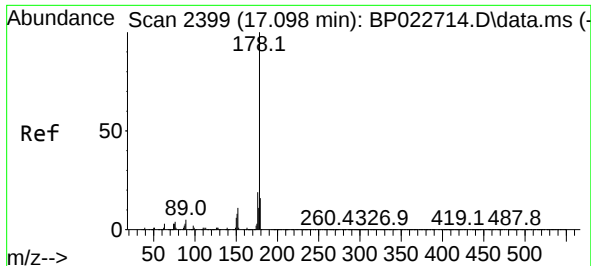
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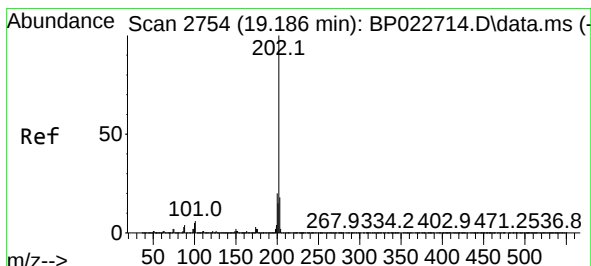
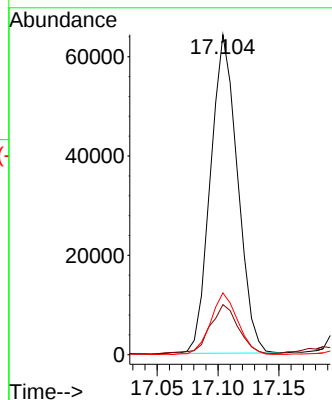
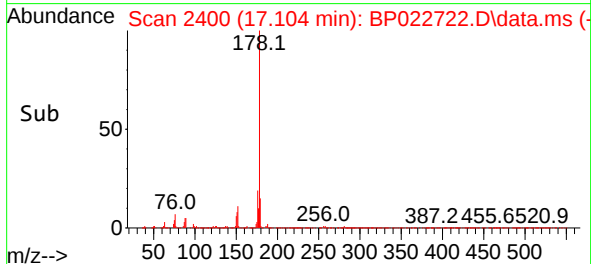
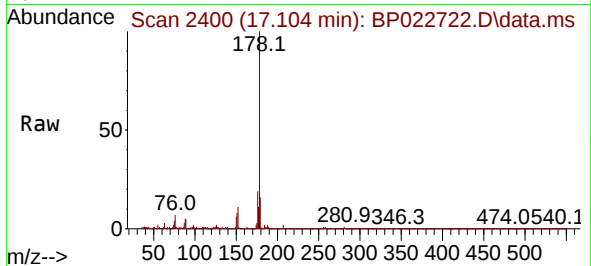
#72
Phenanthrene
Concen: 2.689 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. 0.006 min
Lab File: BP022722.D
Acq: 29 Oct 2024 22:50

Instrument :
BNA_P
ClientSampleId :
A4EN8

Tgt Ion:178 Resp: 9927
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 19.3 15.7 23.5

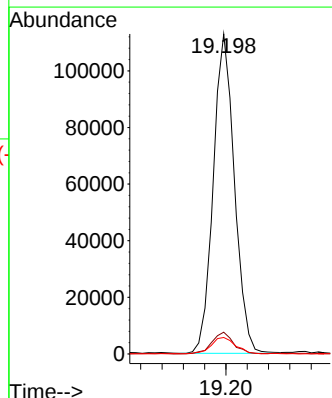
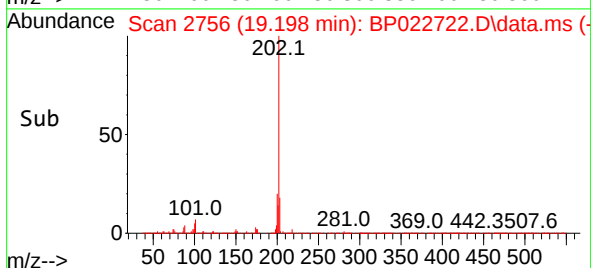
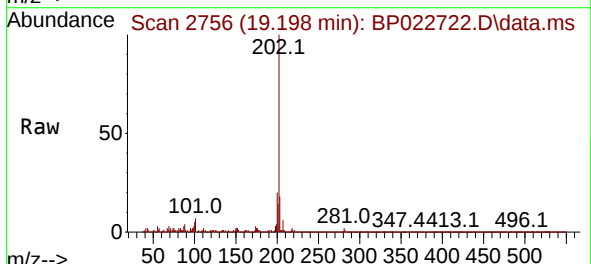
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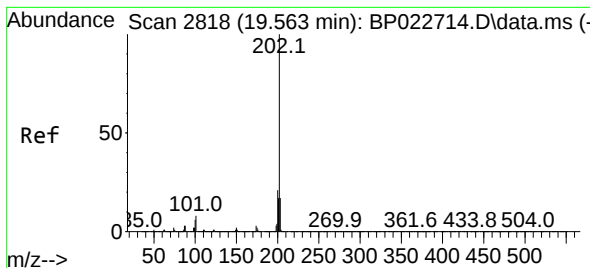
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#80
Fluoranthene
Concen: 3.763 ng/ul
RT: 19.198 min Scan# 2756
Delta R.T. 0.012 min
Lab File: BP022722.D
Acq: 29 Oct 2024 22:50

Tgt Ion:202 Resp: 156082
Ion Ratio Lower Upper
202 100
101 6.8 5.8 8.8
100 5.2 4.5 6.7





#82

Pyrene

Concen: 3.152 ng/ul

RT: 19.574 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP022722.D

Acq: 29 Oct 2024 22:50

Instrument :

BNA_P

ClientSampleId :

A4EN8

Tgt Ion:202 Resp: 140120

Ion Ratio Lower Upper

202 100

101 7.1 6.7 10.1

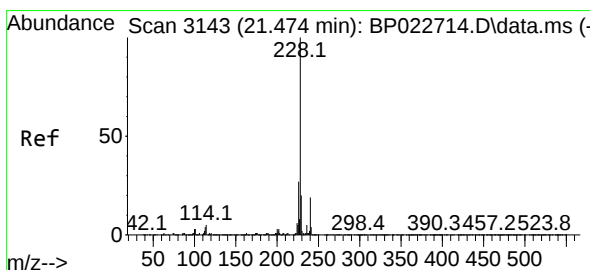
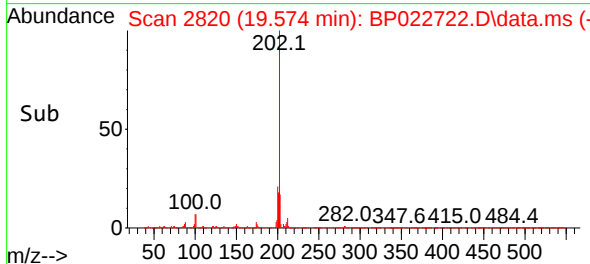
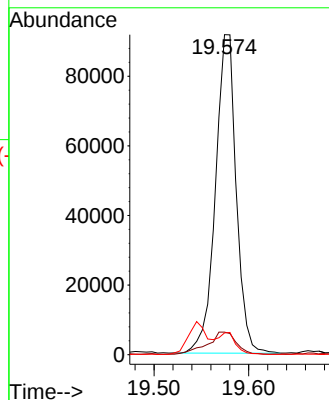
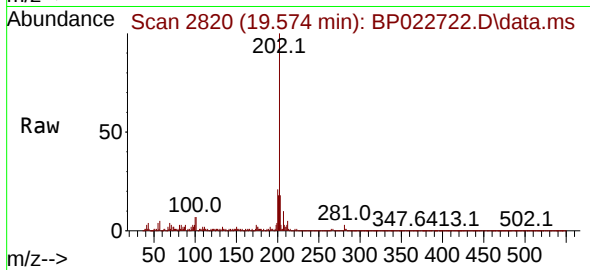
100 6.8 5.8 8.6

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#85

Benzo(a)anthracene

Concen: 1.414 ng/ul

RT: 21.486 min Scan# 3145

Delta R.T. 0.012 min

Lab File: BP022722.D

Acq: 29 Oct 2024 22:50

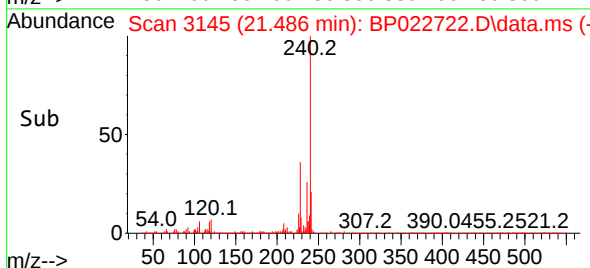
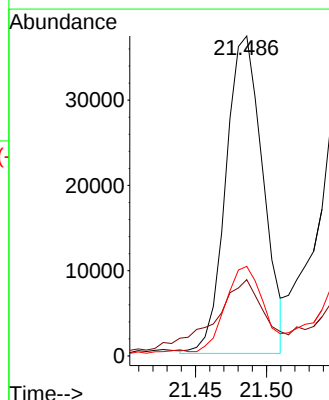
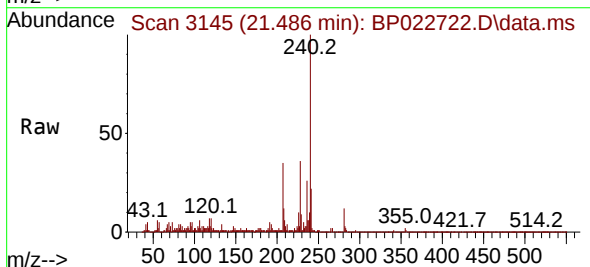
Tgt Ion:228 Resp: 67620

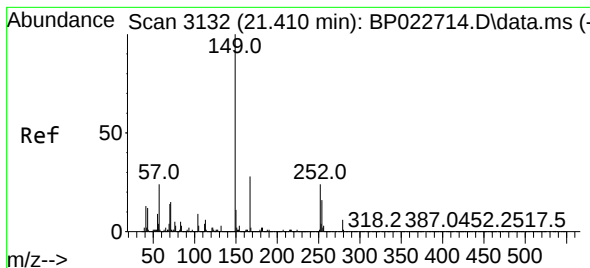
Ion Ratio Lower Upper

228 100

229 23.9 15.4 23.0#

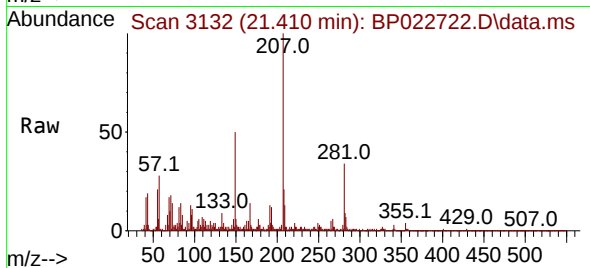
226 28.0 21.5 32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.055 ng/ul
RT: 21.410 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BP022722.D
Acq: 29 Oct 2024 22:50

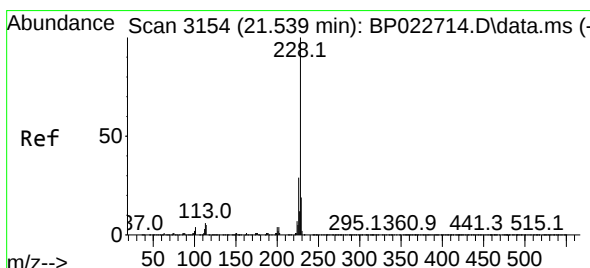
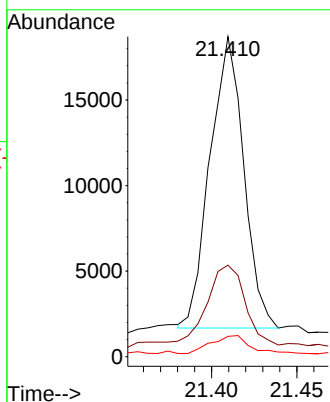
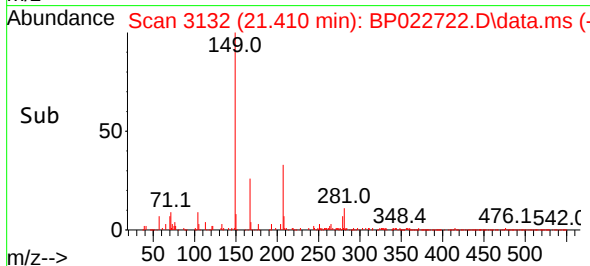
Instrument :
BNA_P
ClientSampleId :
A4EN8



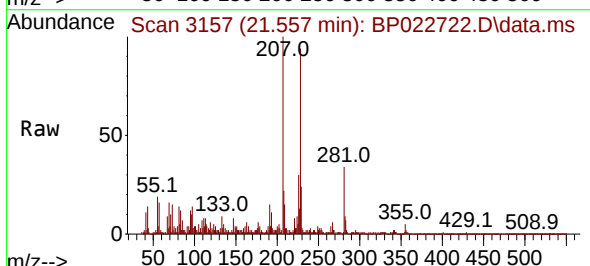
Tgt Ion:149 Resp: 2344
Ion Ratio Lower Upper
149 100
167 28.6 23.0 34.4
279 6.3 4.8 7.2

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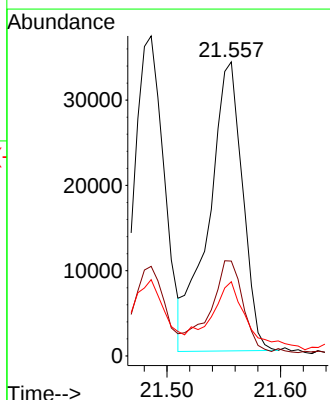
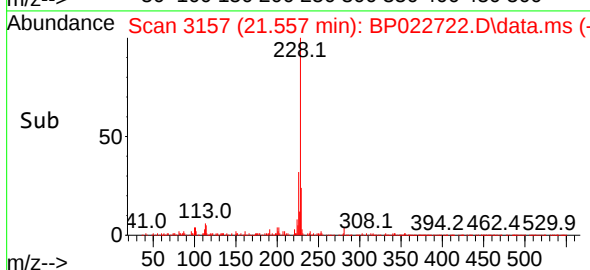
Reviewed By :Jagrut Upadhyay 10/30/2024
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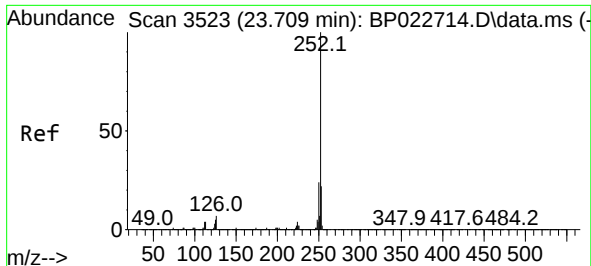


#87
Chrysene
Concen: 1.580 ng/ul
RT: 21.557 min Scan# 3157
Delta R.T. 0.018 min
Lab File: BP022722.D
Acq: 29 Oct 2024 22:50



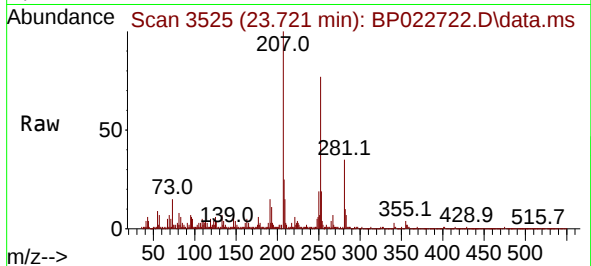
Tgt Ion:228 Resp: 70055
Ion Ratio Lower Upper
228 100
226 32.3 23.8 35.8
229 25.2 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 1.639 ng/u1
RT: 23.721 min Scan# 3525
Delta R.T. 0.012 min
Lab File: BP022722.D
Acq: 29 Oct 2024 22:50

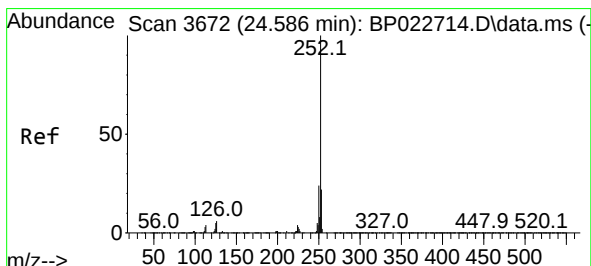
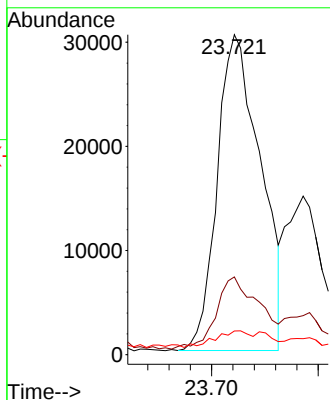
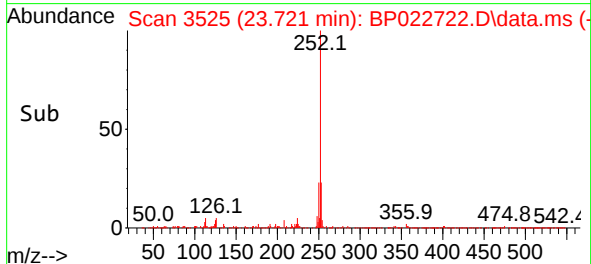
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:252 Resp: 8554
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 7.4 5.0 7.4

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#93
Benzo(a)pyrene
Concen: 1.329 ng/u1
RT: 24.592 min Scan# 3673
Delta R.T. 0.006 min
Lab File: BP022722.D
Acq: 29 Oct 2024 22:50

Tgt Ion:252 Resp: 63831
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 9.3 4.9 7.3

