

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022891.D
 Acq On : 06 Nov 2024 13:09
 Operator : RC/JU
 Sample : P4581-14
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4ED5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 06 23:54:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 00:31:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	102955	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	391201	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.240	164	303675	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.045	188	712880	20.000	ng/u1	0.00
79) Chrysene-d12	21.498	240	731125	20.000	ng/u1	0.00
88) Perylene-d12	24.762	264	860326	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	6849	2.585	ng/uL	0.00
4) Pyridine-d5	3.593	84	100456	13.812	ng/u1	0.00
7) Phenol-d5	6.822	99	143267	16.531	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	84461	16.582	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	111329	18.104	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	118261	17.099	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	56229	18.693	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	68969	19.805	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	139457	18.842	ng/u1	0.00
31) 4-Chloroaniline-d4	10.528	131	147340	16.847	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	453090	18.779	ng/u1	0.00
49) Acenaphthylene-d8	13.928	160	500845	19.544	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	51587m	12.745	ng/u1	0.00
60) Fluorene-d10	15.245	176	418460	19.996	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.410	200	33792	7.207	ng/u1	0.00
73) Anthracene-d10	17.151	188	667948	19.918	ng/u1	-0.01
81) Pyrene-d10	19.545	212	838324	21.683	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.533	264	943475	20.535	ng/u1	0.00
Target Compounds					Qvalue	
52) Acenaphthene	14.310	153	43694	2.323	ng/u1	96
61) Fluorene	15.298	166	49494	2.150	ng/u1	97
72) Phenanthrene	17.086	178	792520	20.779	ng/u1	99
74) Anthracene	17.192	178	135108	3.550	ng/u1	97
80) Fluoranthene	19.186	202	779705	17.542	ng/u1	99
82) Pyrene	19.575	202	934767	19.622	ng/u1#	96
85) Benzo(a)anthracene	21.480	228	378719	7.389	ng/u1	97
87) Chrysene	21.551	228	387020	8.144	ng/u1	97
90) Benzo(b)fluoranthene	23.733	252	392999	7.257	ng/u1	99
91) Benzo(k)fluoranthene	23.792	252	114480m	2.159	ng/u1	
93) Benzo(a)pyrene	24.604	252	327924	6.579	ng/u1#	98
94) Indeno(1,2,3-cd)pyrene	28.445	276	189026m	2.842	ng/u1	
96) Benzo(g,h,i)perylene	29.568	276	202857m	3.921	ng/u1	

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

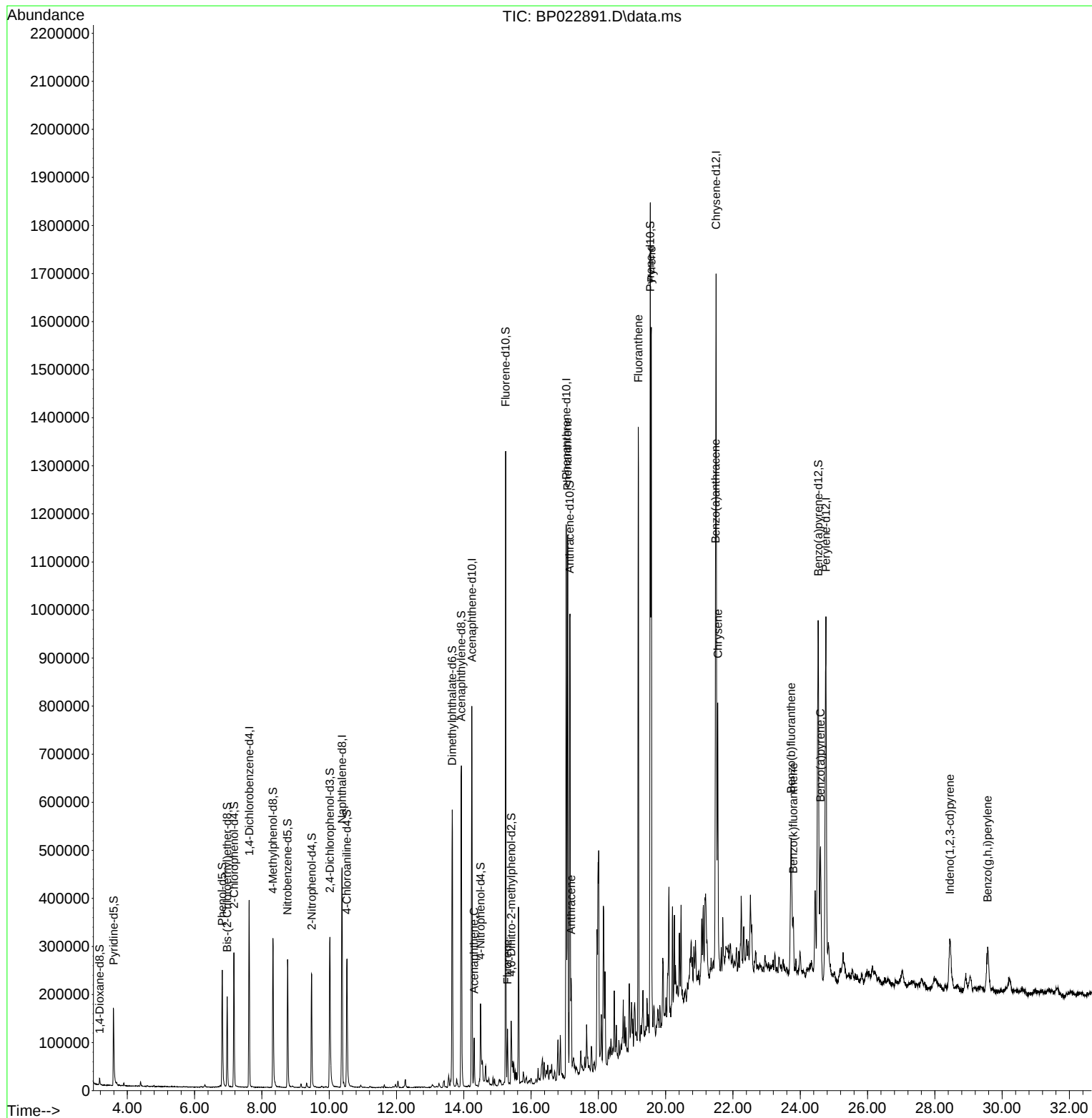
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022891.D
 Acq On : 06 Nov 2024 13:09
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 Misc :
 ALS Vial : 38 Sample Multiplier: 1

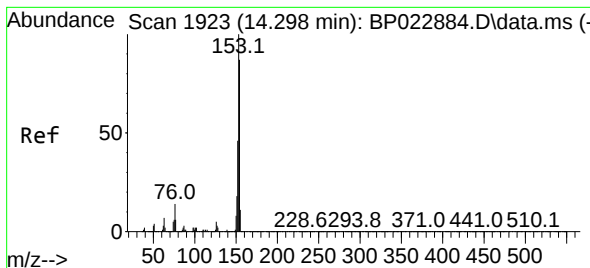
Instrument :
 BNA_P
 ClientSampleId :
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#52

Acenaphthene

Concen: 2.323 ng/ul

RT: 14.310 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BP022891.D

Acq: 06 Nov 2024 13:09

Instrument :

BNA_P

ClientSampleId :

A4ED5

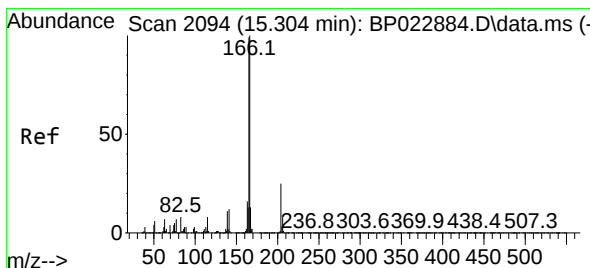
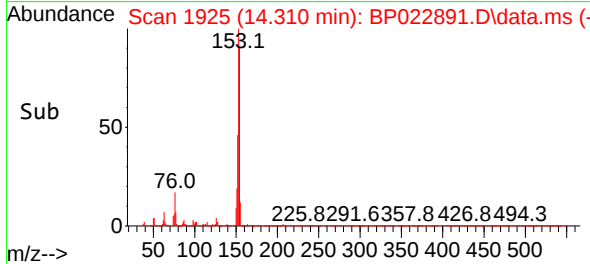
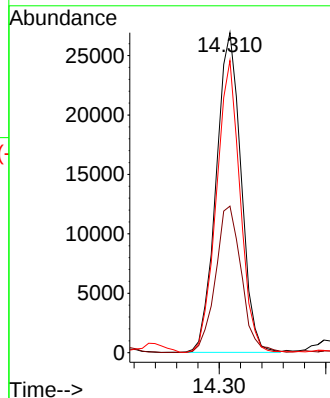
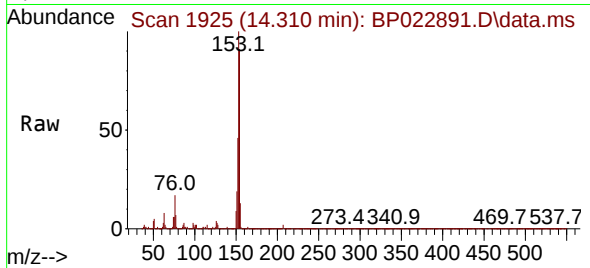
Tgt Ion:153	Resp:	43694
Ion Ratio	Lower	Upper
153	100	
152	45.8	37.8 56.6
154	91.3	69.5 104.3

Manual Integrations

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#61

Fluorene

Concen: 2.150 ng/ul

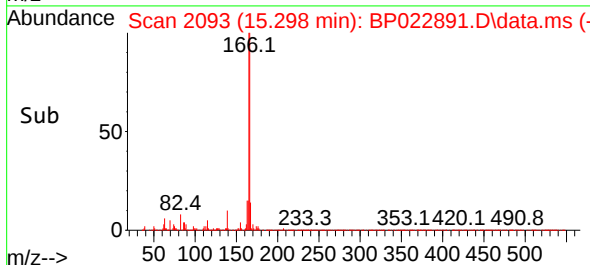
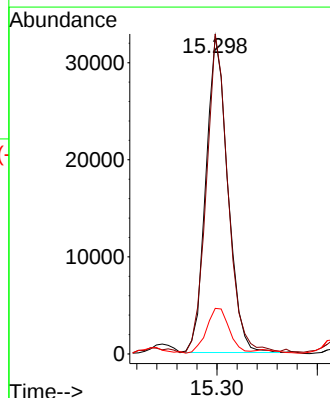
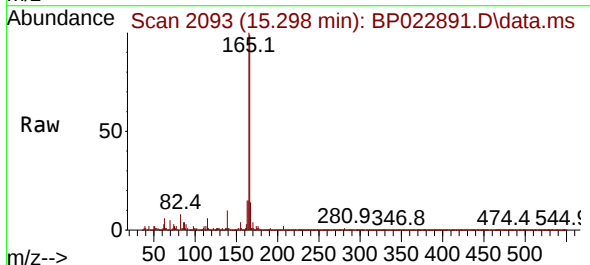
RT: 15.298 min Scan# 2093

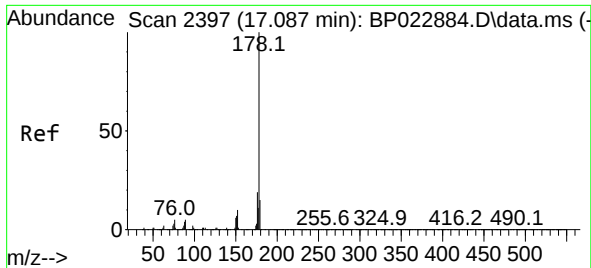
Delta R.T. -0.012 min

Lab File: BP022891.D

Acq: 06 Nov 2024 13:09

Tgt Ion:166	Resp:	49494
Ion Ratio	Lower	Upper
166	100	
165	100.8	77.8 116.6
167	14.4	11.1 16.7





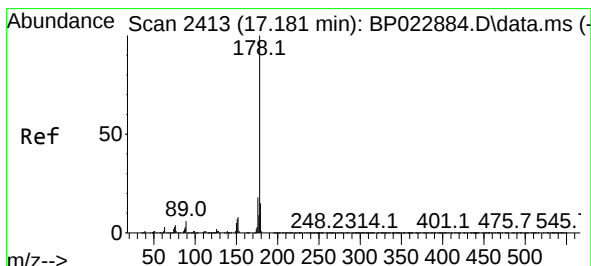
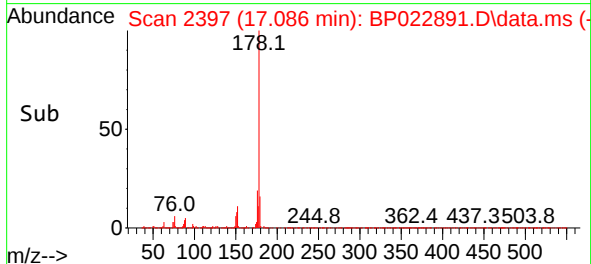
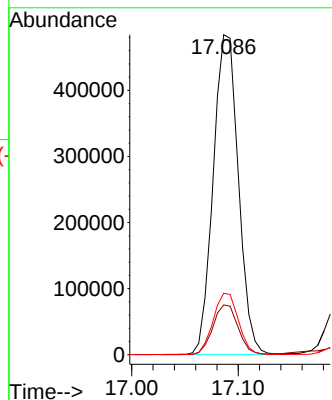
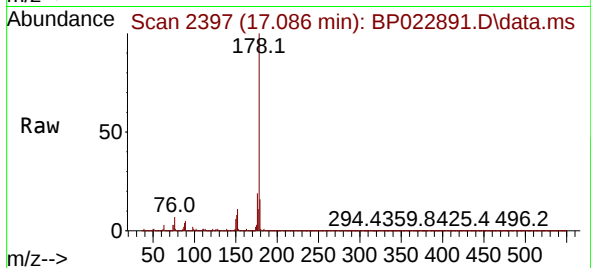
#72
Phenanthrene
Concen: 20.779 ng/ul
RT: 17.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP022891.D
Acq: 06 Nov 2024 13:09

Instrument :
BNA_P
ClientSampleId :
A4ED5

Tgt Ion:178 Resp: 792520
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 19.2 15.7 23.5

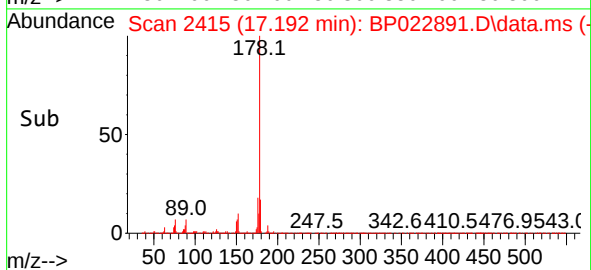
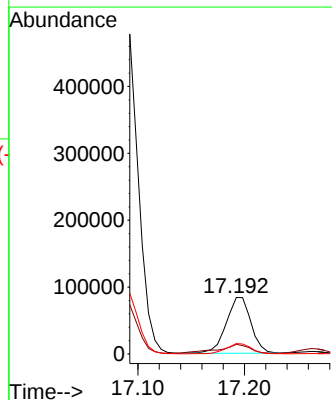
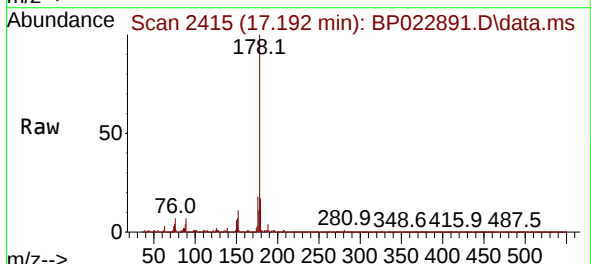
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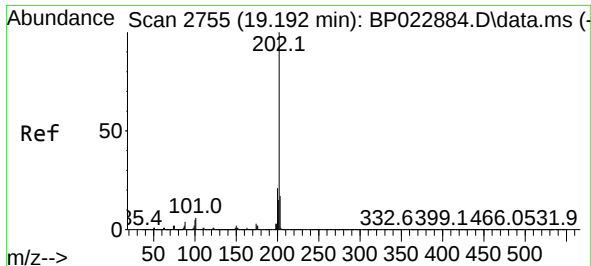
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#74
Anthracene
Concen: 3.550 ng/ul
RT: 17.192 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP022891.D
Acq: 06 Nov 2024 13:09

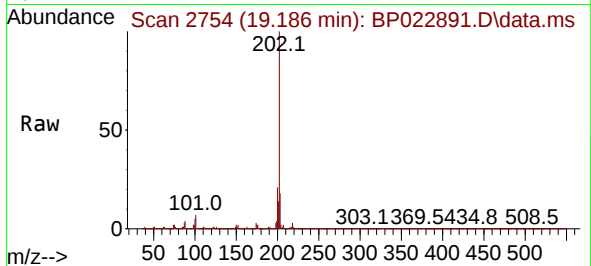
Tgt Ion:178 Resp: 135108
Ion Ratio Lower Upper
178 100
179 16.9 12.0 18.0
176 18.3 15.0 22.4





#80
Fluoranthene
Concen: 17.542 ng/ul
RT: 19.186 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP022891.D
Acq: 06 Nov 2024 13:09

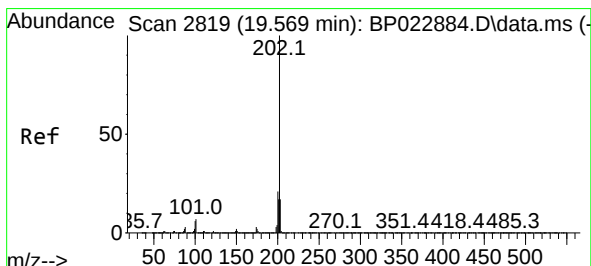
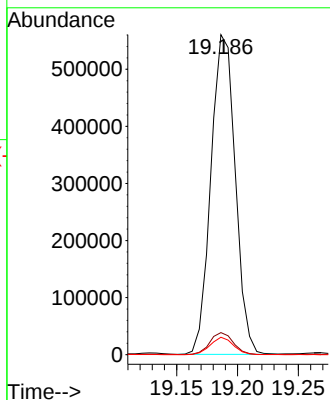
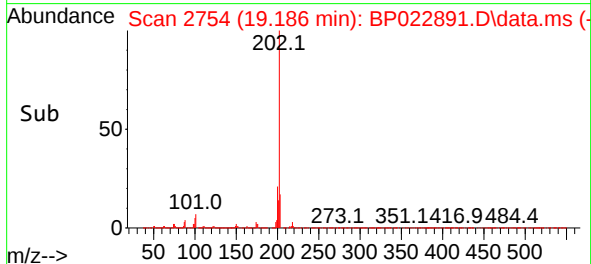
Instrument :
BNA_P
ClientSampleId :
A4ED5



Tgt Ion:202 Resp: 77970
Ion Ratio Lower Upper
202 100
101 6.9 5.8 8.8
100 5.5 4.5 6.7

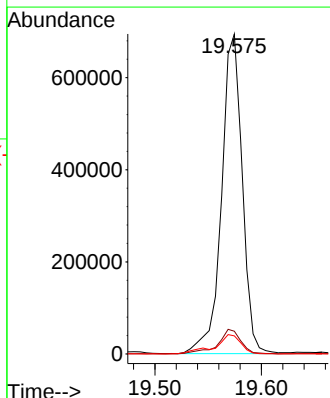
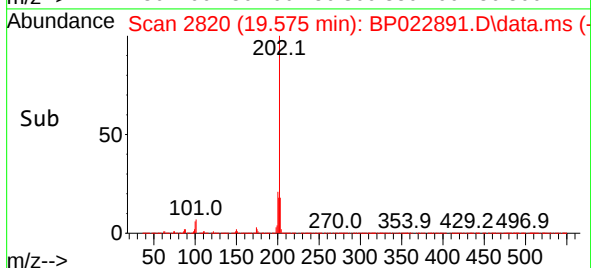
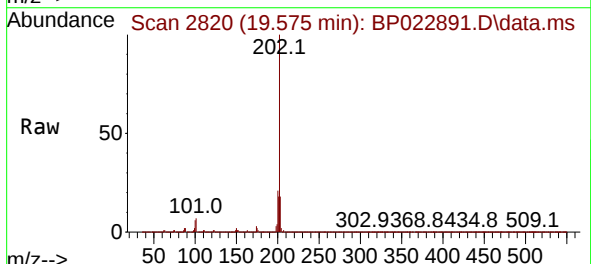
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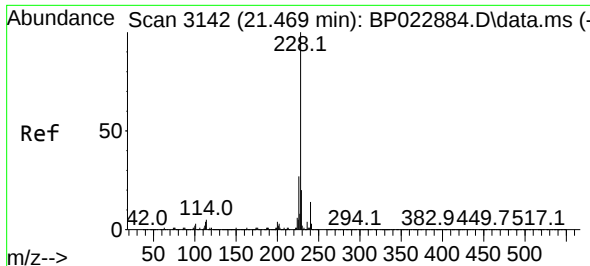
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#82
Pyrene
Concen: 19.622 ng/ul
RT: 19.575 min Scan# 2820
Delta R.T. 0.006 min
Lab File: BP022891.D
Acq: 06 Nov 2024 13:09

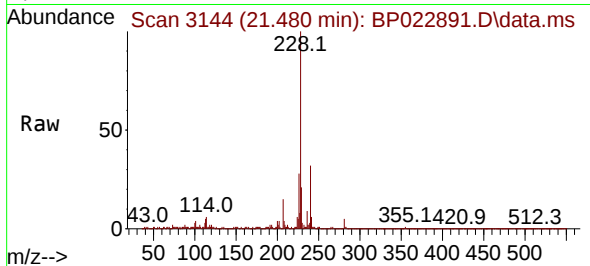
Tgt Ion:202 Resp: 934767
Ion Ratio Lower Upper
202 100
101 7.1 6.7 10.1
100 5.7 5.8 8.6#





#85
Benzo(a)anthracene
Concen: 7.389 ng/ul
RT: 21.480 min Scan# 3144
Delta R.T. 0.006 min
Lab File: BP022891.D
Acq: 06 Nov 2024 13:09

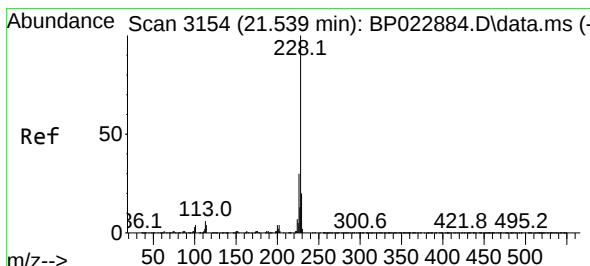
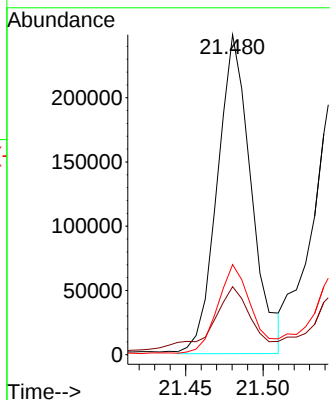
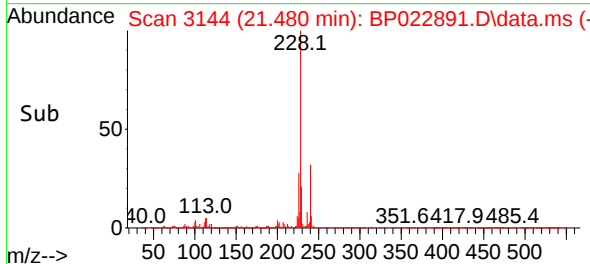
Instrument :
BNA_P
ClientSampleId :
A4ED5



Tgt Ion:228 Resp: 378719
Ion Ratio Lower Upper
228 100
229 21.2 15.4 23.0
226 28.1 21.5 32.3

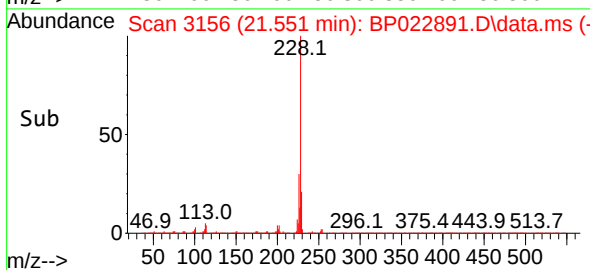
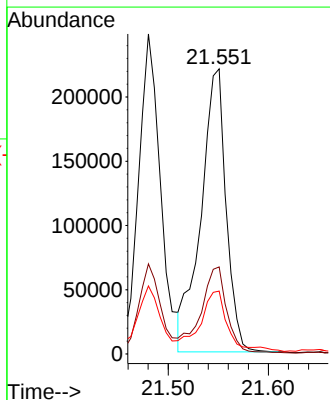
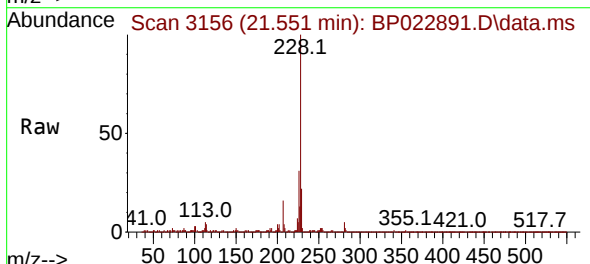
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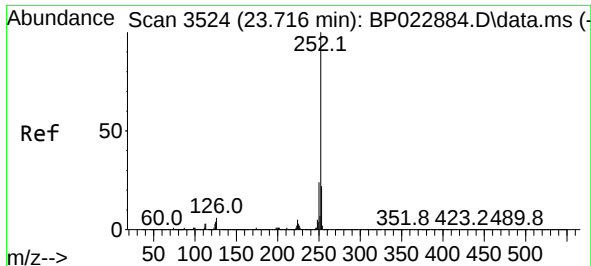
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#87
Chrysene
Concen: 8.144 ng/ul
RT: 21.551 min Scan# 3156
Delta R.T. 0.006 min
Lab File: BP022891.D
Acq: 06 Nov 2024 13:09

Tgt Ion:228 Resp: 387020
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.8
229 22.1 15.5 23.3





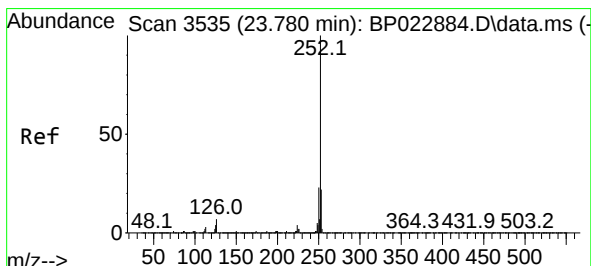
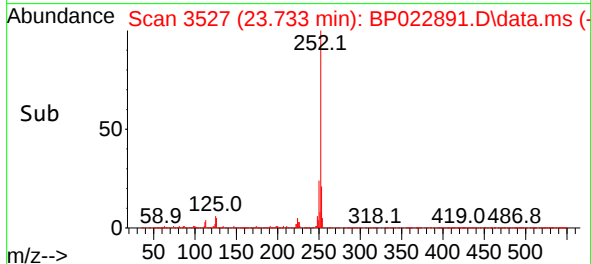
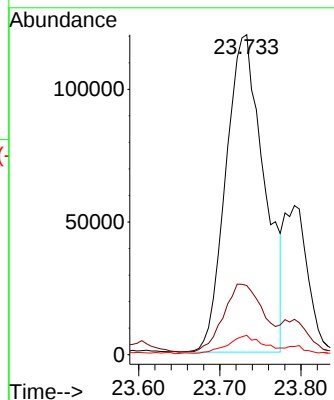
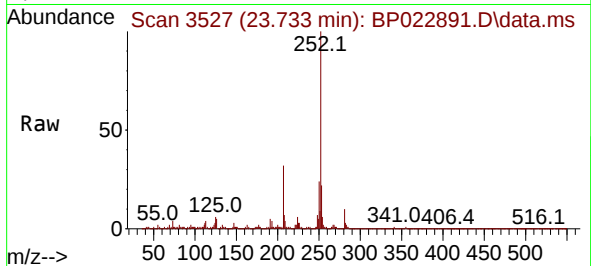
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Benzo(b)fluoranthene
Concen: 7.257 ng/ul
RT: 23.733 min Scan# 3527
Delta R.T. 0.012 min
Lab File: BP022891.D
Acq: 06 Nov 2024 13:09

Instrument :
BNA_P
ClientSampleId :
A4ED5

Tgt Ion:252 Resp: 392995
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 6.0 5.0 7.4

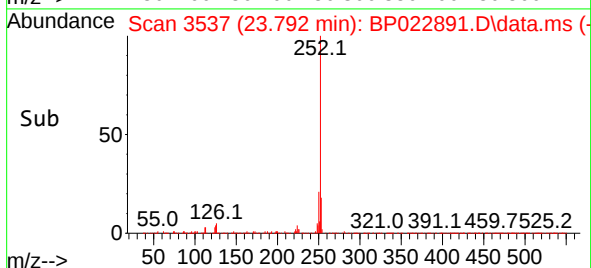
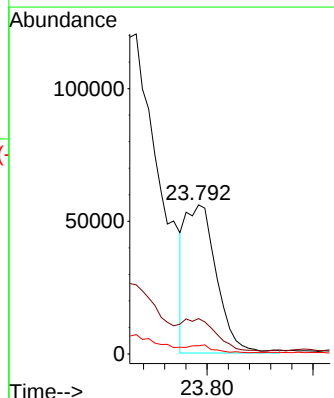
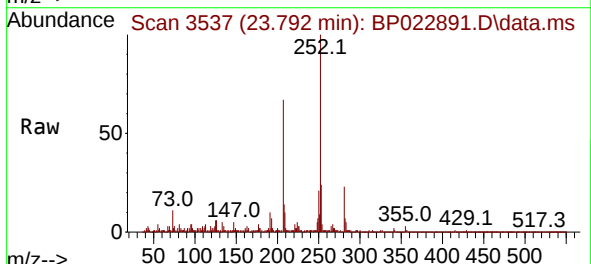
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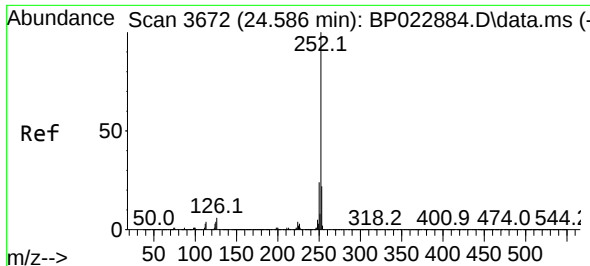
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#91
Benzo(k)fluoranthene
Concen: 2.159 ng/ul m
RT: 23.792 min Scan# 3537
Delta R.T. 0.006 min
Lab File: BP022891.D
Acq: 06 Nov 2024 13:09

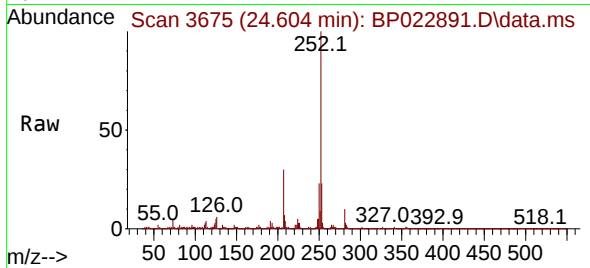
Tgt Ion:252 Resp: 114480
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.0
125 5.5 4.6 6.8





#93
Benzo(a)pyrene
Concen: 6.579 ng/ul
RT: 24.604 min Scan# 30
Delta R.T. 0.012 min
Lab File: BP022891.D
Acq: 06 Nov 2024 13:09

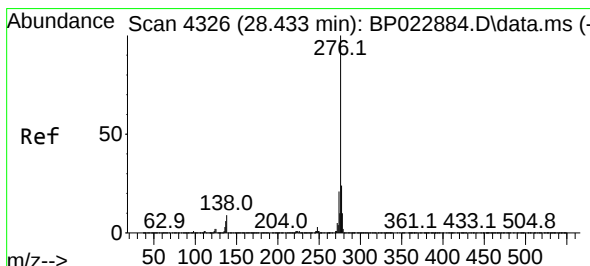
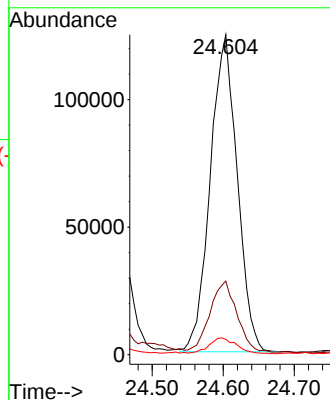
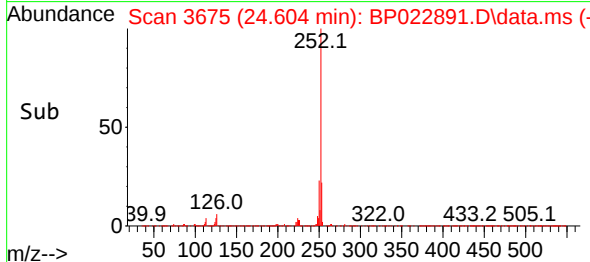
Instrument :
BNA_P
ClientSampleId :
A4ED5



Tgt Ion:252 Resp: 327924
Ion Ratio Lower Upper
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253 23.0 17.7 26.5
125 4.8 4.9 7.3

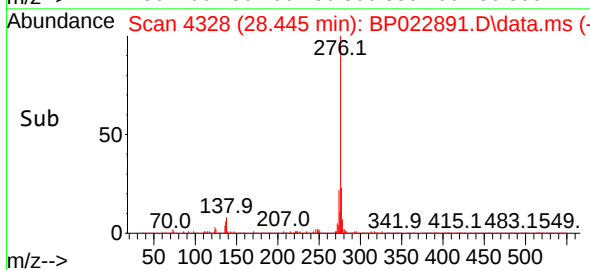
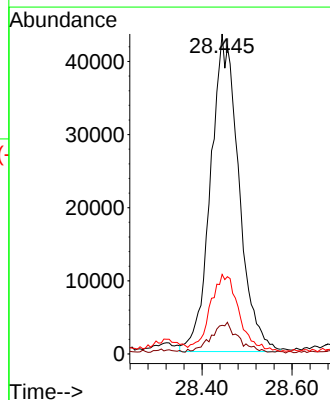
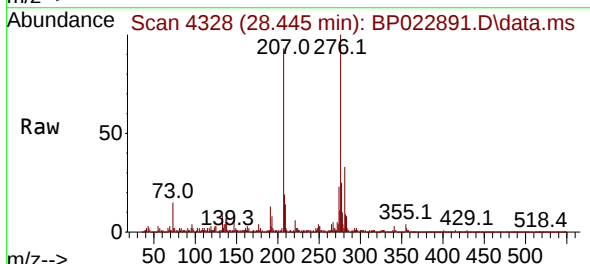
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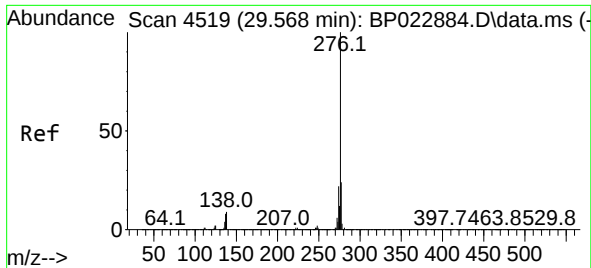
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.842 ng/ul m
RT: 28.445 min Scan# 4328
Delta R.T. 0.012 min
Lab File: BP022891.D
Acq: 06 Nov 2024 13:09

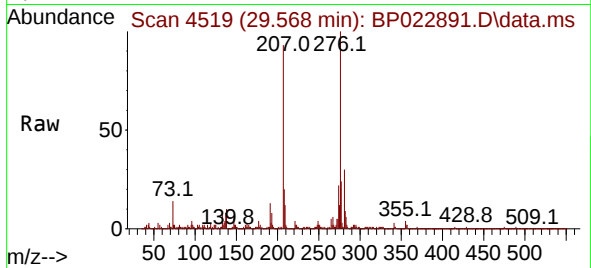
Tgt Ion:276 Resp: 189026
Ion Ratio Lower Upper
276 100
138 8.9 9.1 13.7#
277 24.9 18.6 27.8





#96
Benzo(g,h,i)perylene
Concen: 3.921 ng/ul m
RT: 29.568 min Scan# 4519
Delta R.T. -0.006 min
Lab File: BP022891.D
Acq: 06 Nov 2024 13:09

Instrument :
BNA_P
ClientSampleId :
A4ED5



Tgt Ion:276 Resp: 20285
Ion Ratio Lower Upper
276 100
138 9.8 8.5 12.7
277 23.9 19.0 28.4

Manual Integrations
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