

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022892.D
 Acq On : 06 Nov 2024 13:50
 Operator : RC/JU
 Sample : P4581-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EA9

Manual Integrations
 APPROVED

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

Quant Time: Nov 07 00:01:52 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	99209	20.000	ng/u1	0.00
20) Naphthalene-d8	10.369	136	387112	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.240	164	290829	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	689095	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	706103	20.000	ng/u1	0.00
88) Perylene-d12	24.751	264	856311	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	1990m	0.779	ng/uL	0.00
4) Pyridine-d5	3.599	84	11778	1.681	ng/u1	0.01
7) Phenol-d5	6.822	99	39009	4.671	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	23170	4.721	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	30121	5.083	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	26742	4.013	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	14842	4.986	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	17458	5.066	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	35761	4.883	ng/u1	0.01
31) 4-Chloroaniline-d4	10.540	131	18514	2.139	ng/u1	0.01
46) Dimethylphthalate-d6	13.651	166	125085	5.413	ng/u1	-0.01
49) Acenaphthylene-d8	13.928	160	129934	5.294	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	9375m	2.418	ng/u1	0.04
60) Fluorene-d10	15.257	176	116703	5.823	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	3362	0.742	ng/u1	0.01
73) Anthracene-d10	17.157	188	173063	5.339	ng/u1	0.00
81) Pyrene-d10	19.545	212	148832	3.986	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.533	264	111342	2.435	ng/u1	0.00
Target Compounds	Qvalue					
8) Phenol	6.858	94	14149m	1.628	ng/u1	
16) Acetophenone	8.434	105	74328	6.755	ng/u1	96
30) Naphthalene	10.422	128	33647	1.632	ng/u1	96
52) Acenaphthene	14.310	153	49642	2.756	ng/u1	94
56) Dibenzofuran	14.657	168	56164	2.076	ng/u1	98
61) Fluorene	15.310	166	67807	3.076	ng/u1	98
72) Phenanthrene	17.092	178	955475	25.917	ng/u1	99
74) Anthracene	17.192	178	152433	4.143	ng/u1	99
77) Carbazole	17.475	167	71389	2.193	ng/u1	97
80) Fluoranthene	19.198	202	1158527	26.988	ng/u1#	96
82) Pyrene	19.575	202	518325	11.266	ng/u1	98
85) Benzo(a)anthracene	21.469	228	470621	9.507	ng/u1	99
87) Chrysene	21.539	228	444911	9.693	ng/u1	97
90) Benzo(b)fluoranthene	23.722	252	527840	9.793	ng/u1#	99
91) Benzo(k)fluoranthene	23.780	252	224607m	4.256	ng/u1	
93) Benzo(a)pyrene	24.592	252	131176	2.644	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	28.445	276	133131	2.011	ng/u1	98
95) Dibenzo(a,h)anthracene	28.492	278	74758m	1.395	ng/u1	

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

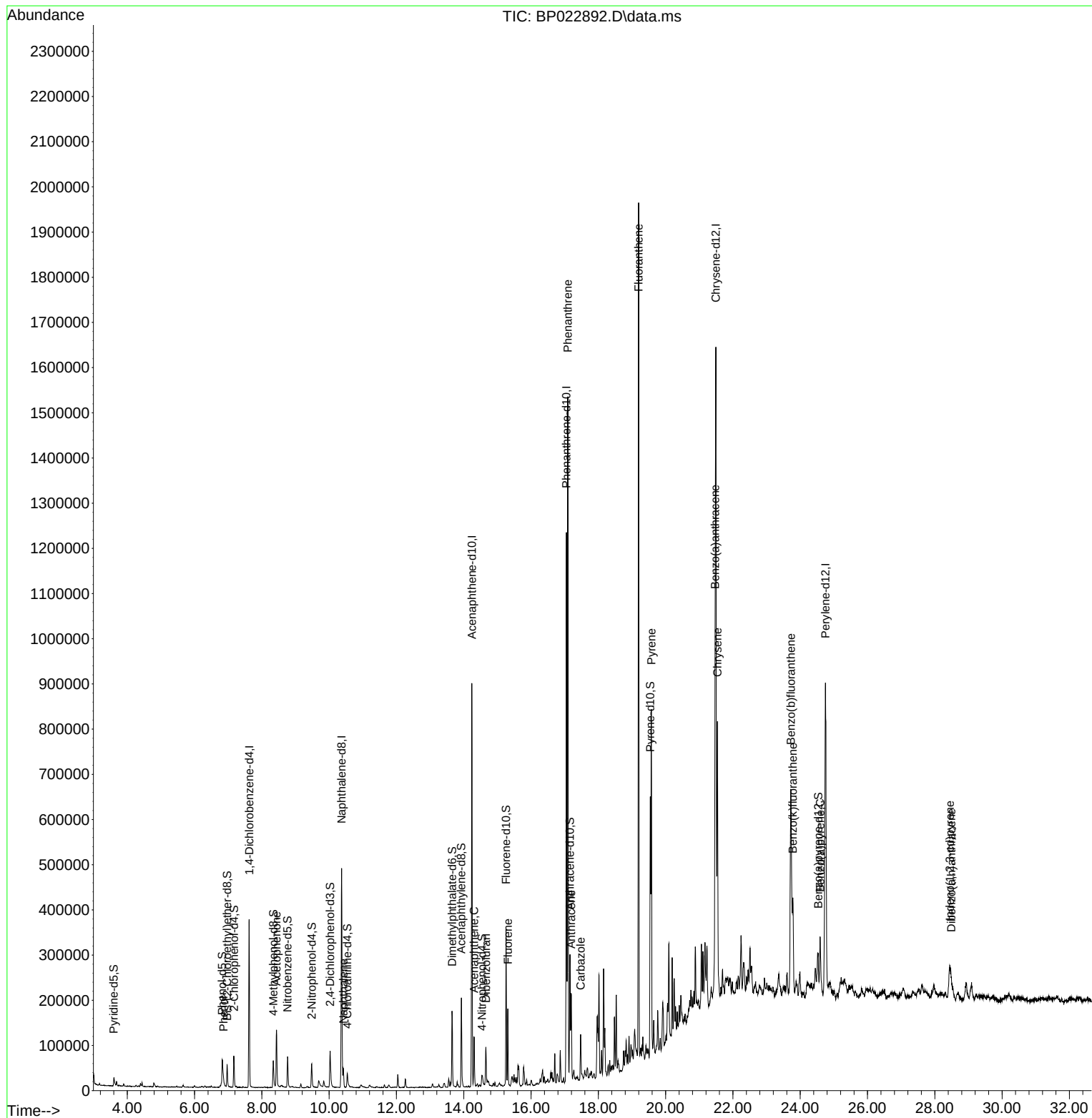
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022892.D
Acq On : 06 Nov 2024 13:50
Operator : RC/JU
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ALS Vial : 39 Sample Multiplier: 1

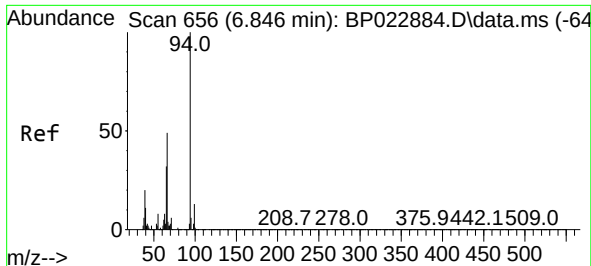
Instrument :
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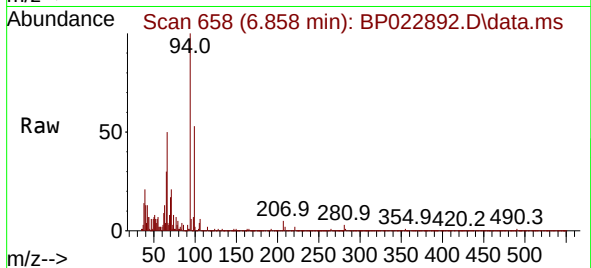
Quant Time: Nov 07 00:01:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 00:31:03 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.628 ng/ul m
RT: 6.858 min Scan# 656
Delta R.T. 0.006 min
Lab File: BP022892.D
Acq: 06 Nov 2024 13:50

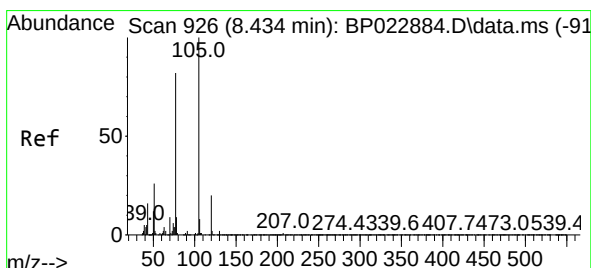
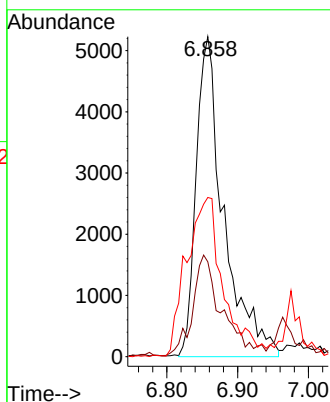
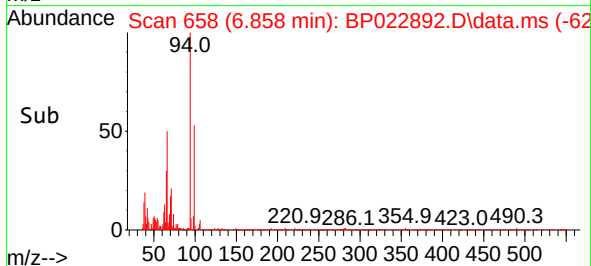
Instrument :
BNA_P
ClientSampleId :
A4EA9



Tgt Ion: 94 Resp: 14149
Ion Ratio Lower Upper
94 100
65 29.6 25.9 38.9
66 49.7 37.6 56.4

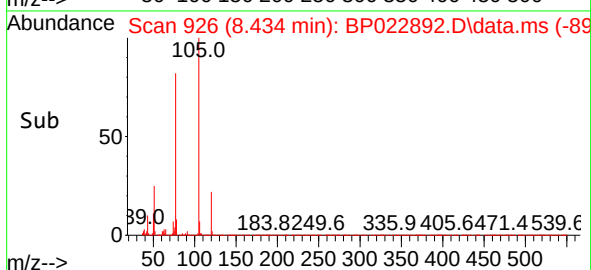
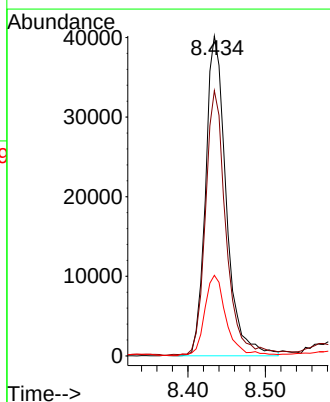
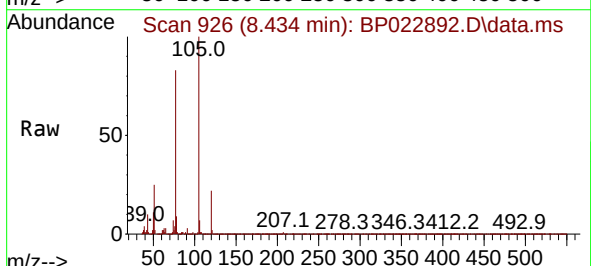
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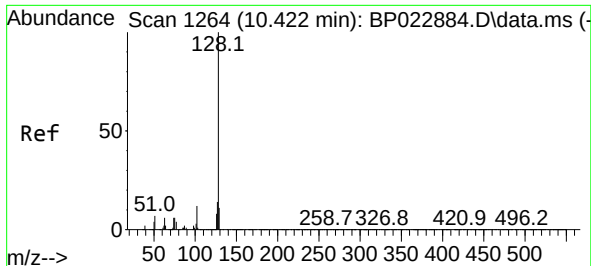
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#16
Acetophenone
Concen: 6.755 ng/ul
RT: 8.434 min Scan# 926
Delta R.T. 0.000 min
Lab File: BP022892.D
Acq: 06 Nov 2024 13:50

Tgt Ion:105 Resp: 74328
Ion Ratio Lower Upper
105 100
77 82.9 69.0 103.4
51 25.2 22.6 33.8





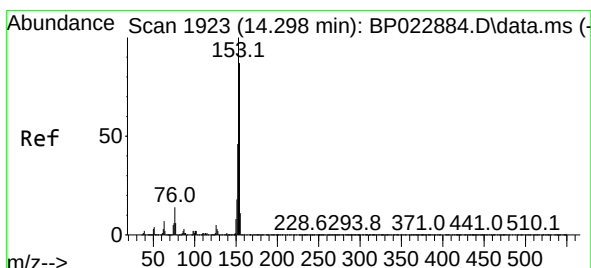
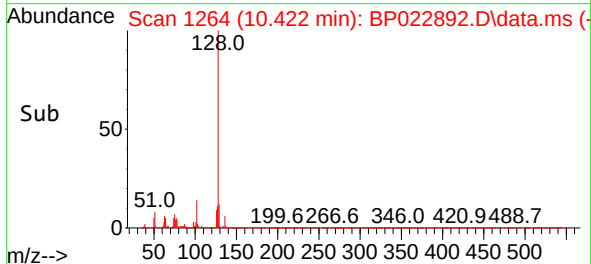
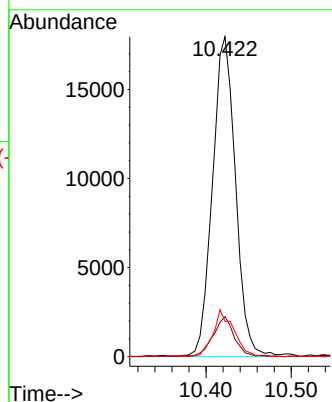
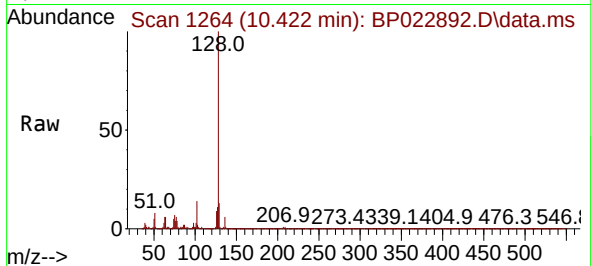
#30
Naphthalene
Concen: 1.632 ng/ul
RT: 10.422 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP022892.D
Acq: 06 Nov 2024 13:50

Instrument :
BNA_P
ClientSampleId :
A4EA9

Tgt Ion:	128	Resp:	3364
Ion Ratio	Lower	Upper	
128	100		
129	12.5	8.6	12.8
127	11.1	9.9	14.9

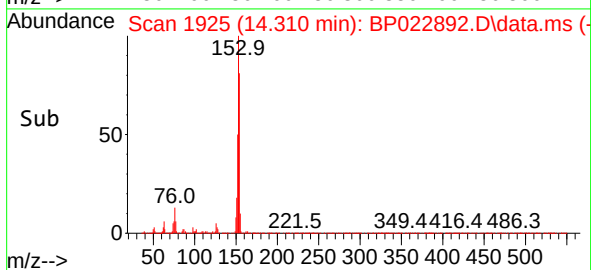
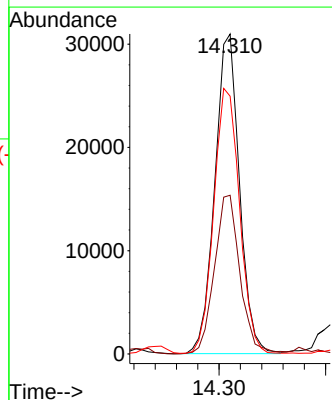
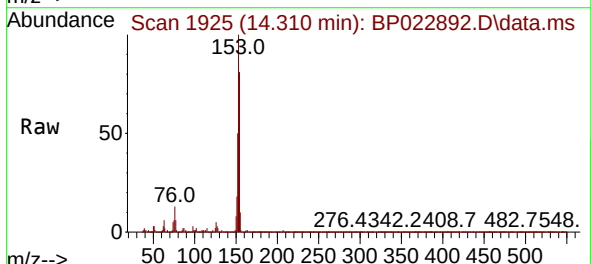
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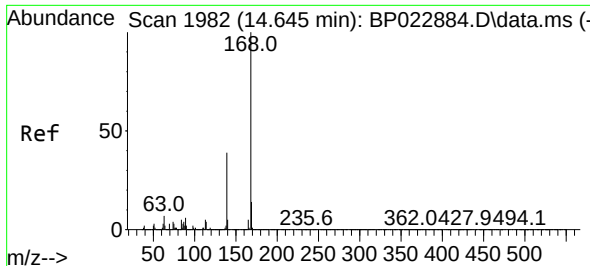
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#52
Acenaphthene
Concen: 2.756 ng/ul
RT: 14.310 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BP022892.D
Acq: 06 Nov 2024 13:50

Tgt Ion:	153	Resp:	49642
Ion Ratio	Lower	Upper	
153	100		
152	49.6	37.8	56.6
154	80.6	69.5	104.3





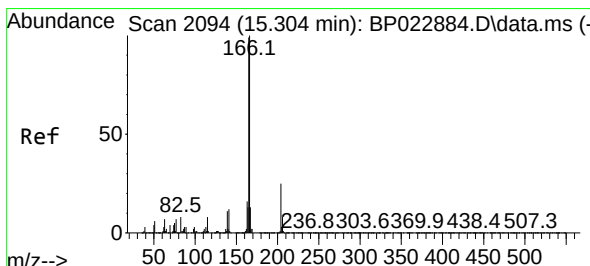
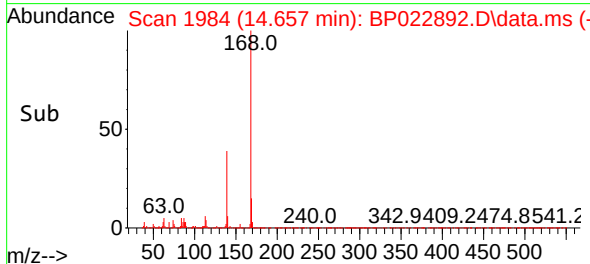
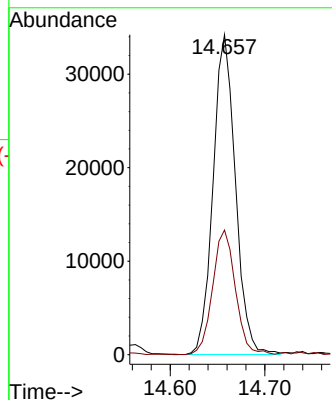
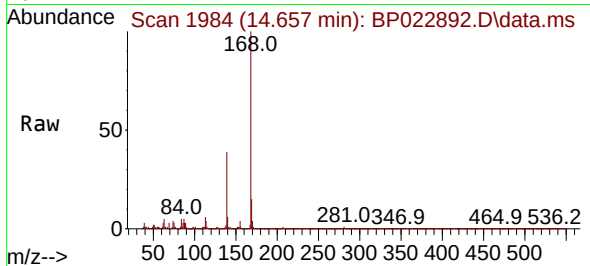
#56
Dibenzenofuran
Concen: 2.076 ng/ul
RT: 14.657 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BP022892.D
Acq: 06 Nov 2024 13:50

Instrument :
BNA_P
ClientSampleId :
A4EA9

Tgt Ion:168 Resp: 56164
Ion Ratio Lower Upper
168 100
139 38.9 30.2 45.2

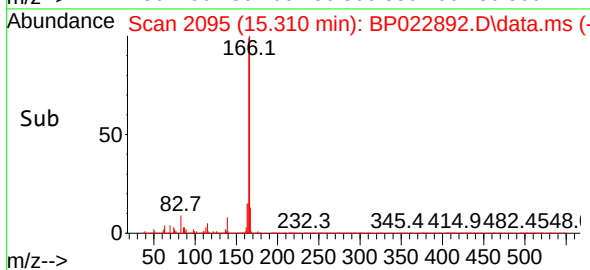
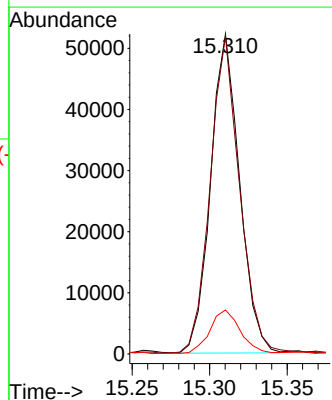
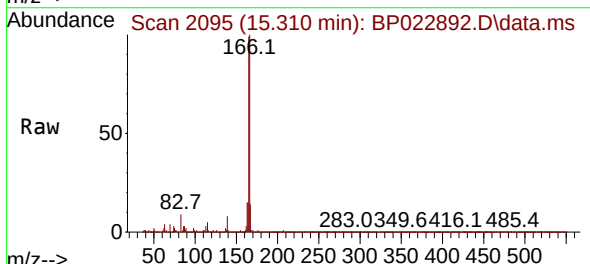
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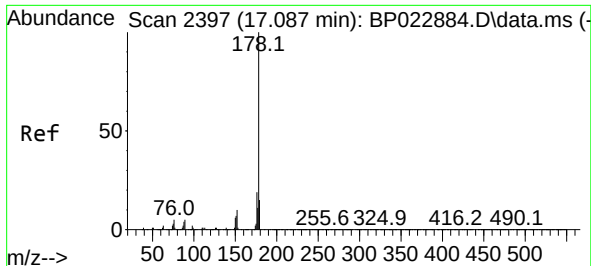
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#61
Fluorene
Concen: 3.076 ng/ul
RT: 15.310 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BP022892.D
Acq: 06 Nov 2024 13:50

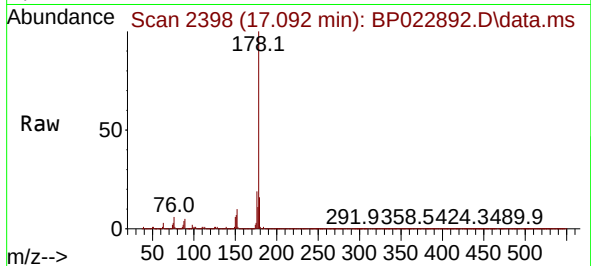
Tgt Ion:166 Resp: 67807
Ion Ratio Lower Upper
166 100
165 99.1 77.8 116.6
167 13.7 11.1 16.7





#72
Phenanthrene
Concen: 25.917 ng/ul
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP022892.D
Acq: 06 Nov 2024 13:50

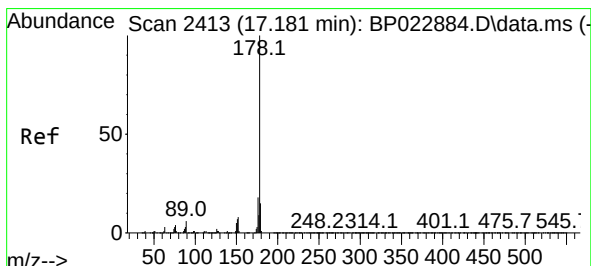
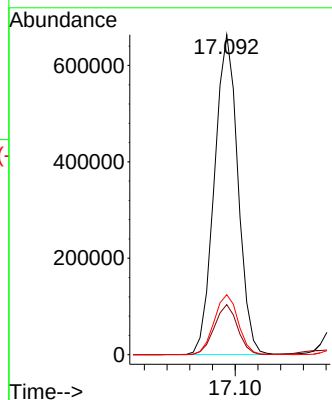
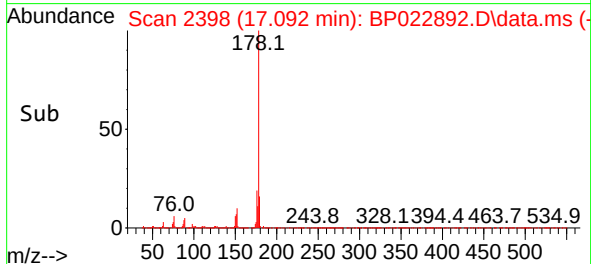
Instrument :
BNA_P
ClientSampleId :
A4EA9



Tgt Ion:178 Resp: 955475
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 18.8 15.7 23.5

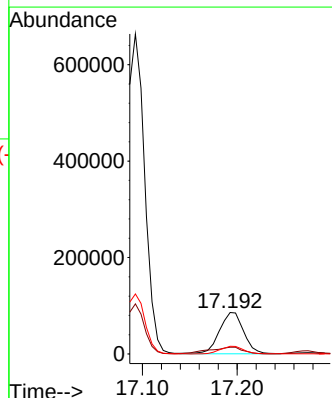
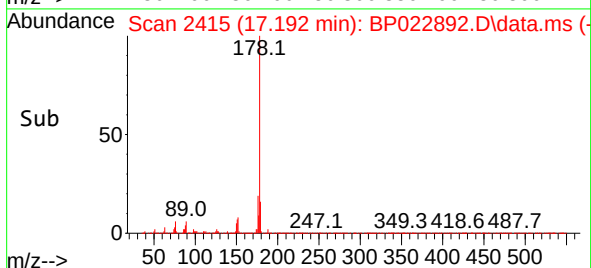
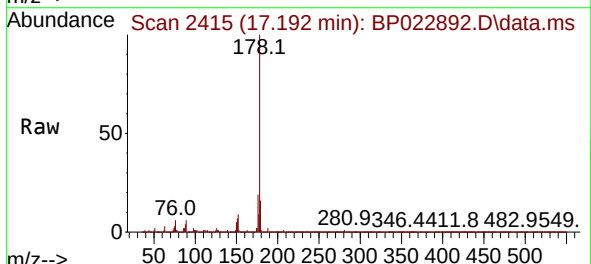
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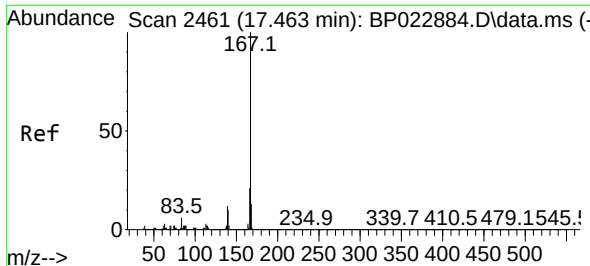
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#74
Anthracene
Concen: 4.143 ng/ul
RT: 17.192 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP022892.D
Acq: 06 Nov 2024 13:50

Tgt Ion:178 Resp: 152433
Ion Ratio Lower Upper
178 100
179 16.1 12.0 18.0
176 18.6 15.0 22.4





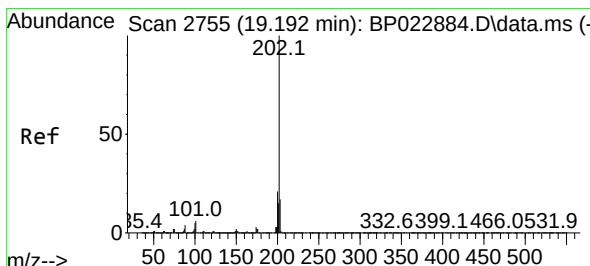
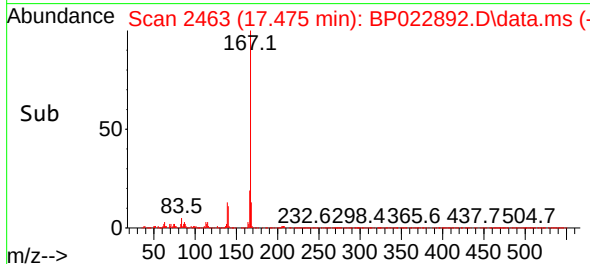
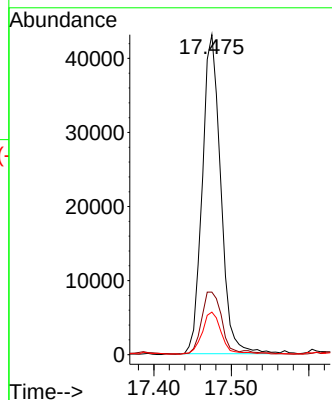
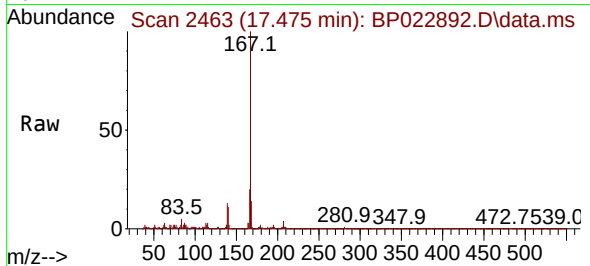
#77
 Carbazole
 Concen: 2.193 ng/ul
 RT: 17.475 min Scan# 2461
 Delta R.T. -0.012 min
 Lab File: BP022892.D
 Acq: 06 Nov 2024 13:50

Instrument :
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Tgt Ion:167	Resp: 71389
Ion Ratio	Lower Upper
167 100	
166 19.6	17.0 25.6
139 13.3	10.3 15.5

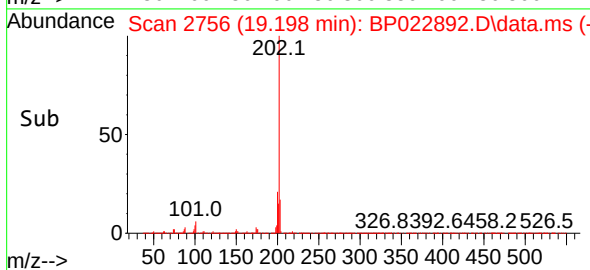
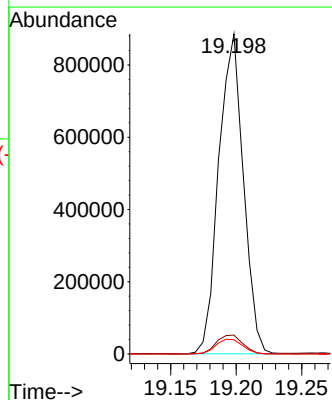
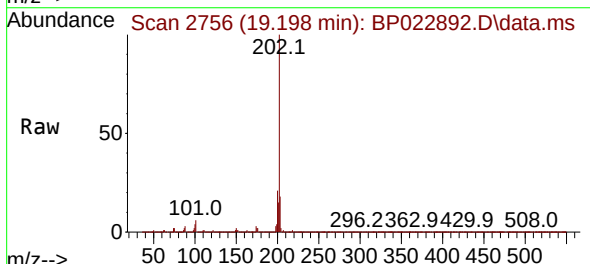
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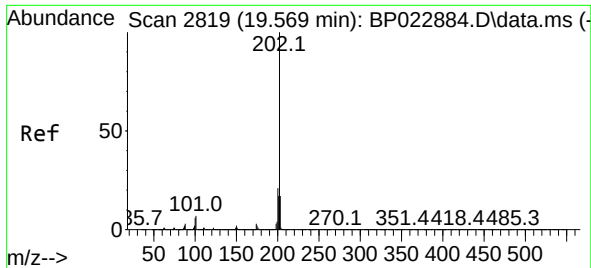
Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024



#80
 Fluoranthene
 Concen: 26.988 ng/ul
 RT: 19.198 min Scan# 2756
 Delta R.T. 0.012 min
 Lab File: BP022892.D
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Tgt Ion:202	Resp: 1158527
Ion Ratio	Lower Upper
202 100	
101 5.9	5.8 8.8
100 4.5	4.5 6.7





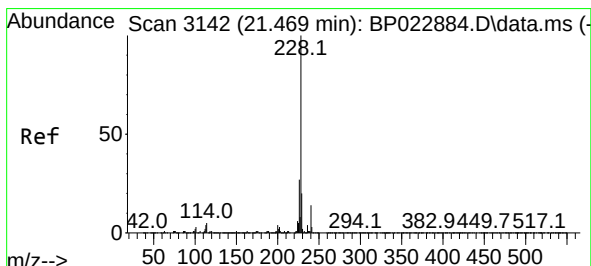
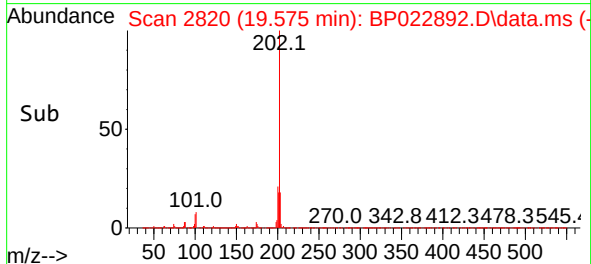
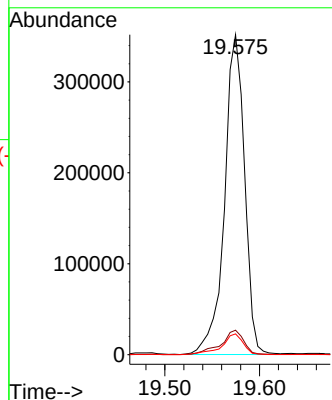
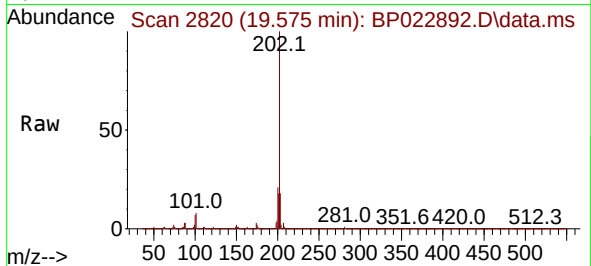
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Pyrene
Concen: 11.266 ng/ul
RT: 19.575 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP022892.D
Acq: 06 Nov 2024 13:50

Instrument :
BNA_P
ClientSampleId :
A4EA9

Tgt Ion:202 Resp: 51832
Ion Ratio Lower Upper
202 100
101 7.7 6.7 10.1
100 6.5 5.8 8.6

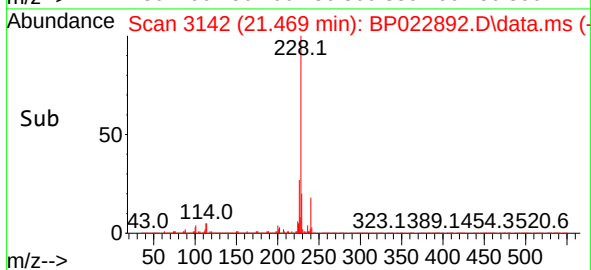
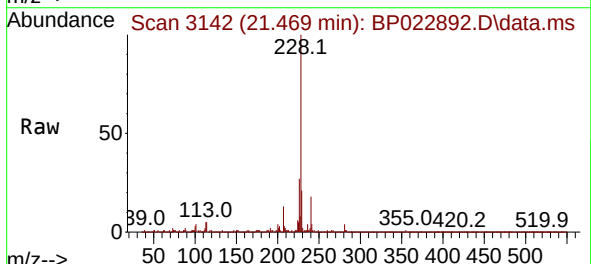
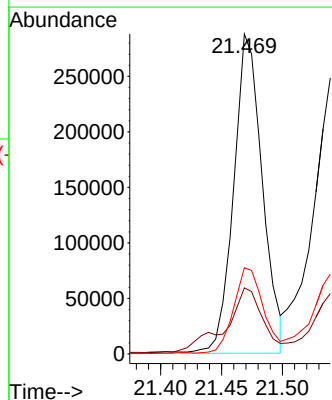
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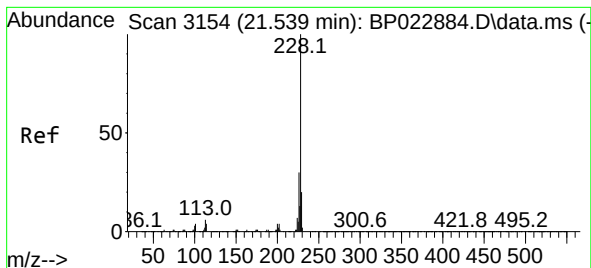
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#85
Benzo(a)anthracene
Concen: 9.507 ng/ul
RT: 21.469 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BP022892.D
Acq: 06 Nov 2024 13:50

Tgt Ion:228 Resp: 470621
Ion Ratio Lower Upper
228 100
229 20.7 15.4 23.0
226 26.9 21.5 32.3





#87

Chrysene

Concen: 9.693 ng/u1

RT: 21.539 min Scan# 3154

Delta R.T. -0.006 min

Lab File: BP022892.D

Acq: 06 Nov 2024 13:50

Instrument :

BNA_P

ClientSampleId :

A4EA9

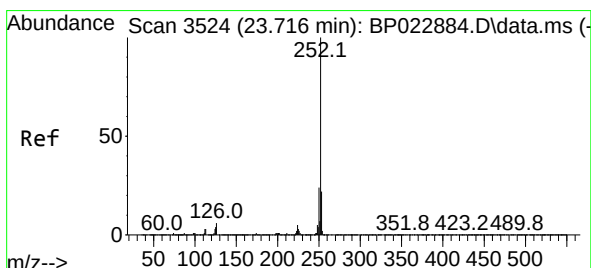
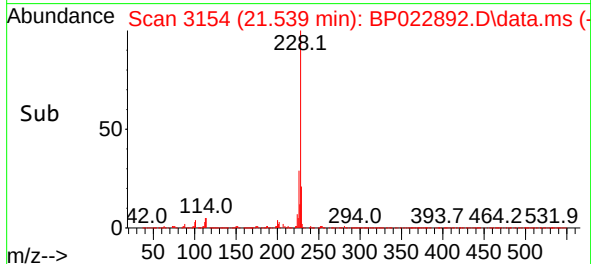
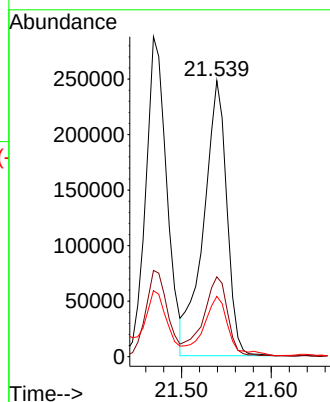
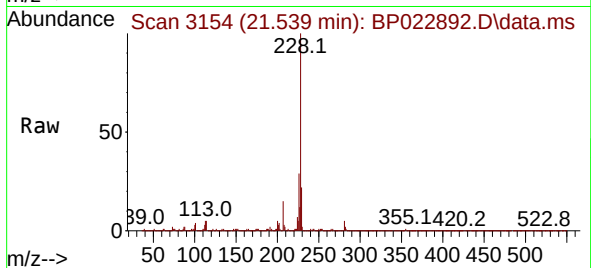
Tgt Ion:228	Resp: 44491
Ion Ratio	Lower Upper
228 100	
226 28.9	23.8 35.8
229 21.9	15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024



#90

Benzo(b)fluoranthene

Concen: 9.793 ng/u1

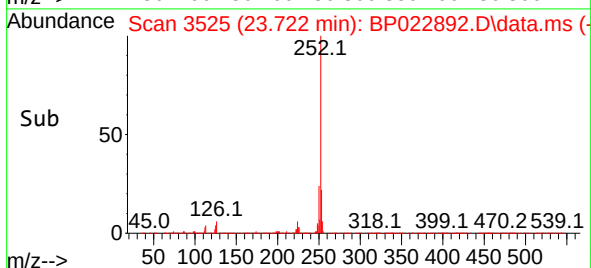
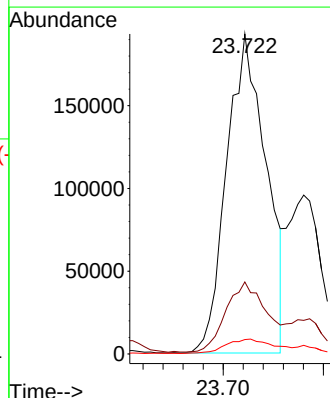
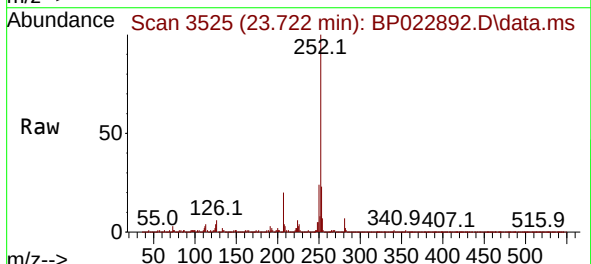
RT: 23.722 min Scan# 3525

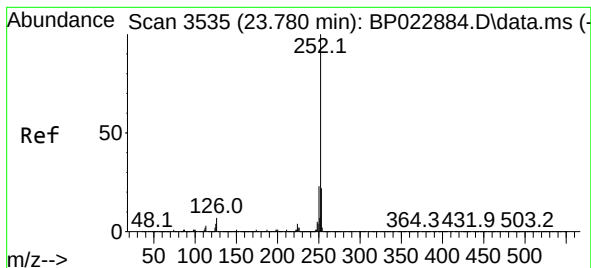
Delta R.T. 0.000 min

Lab File: BP022892.D

Acq: 06 Nov 2024 13:50

Tgt Ion:252	Resp: 527840
Ion Ratio	Lower Upper
252 100	
253 22.5	17.8 26.8
125 4.5	5.0 7.4





#91

Benzo(k)fluoranthene

Concen: 4.256 ng/ul m

RT: 23.780 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP022892.D

Acq: 06 Nov 2024 13:50

Instrument :

BNA_P

ClientSampleId :

A4EA9

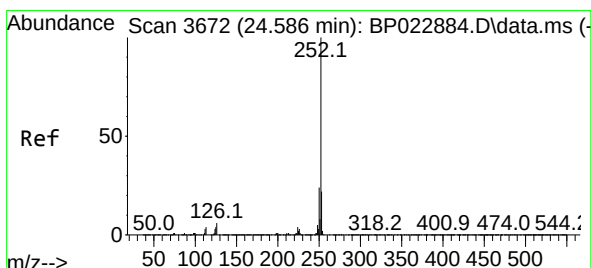
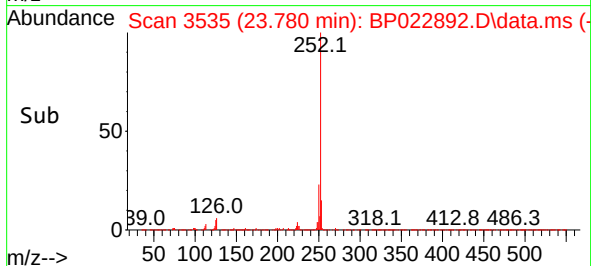
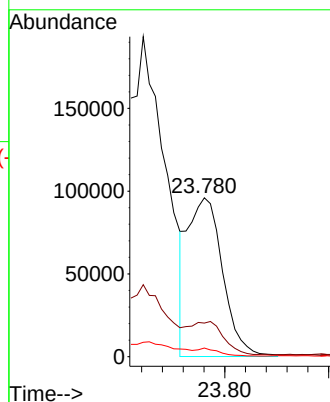
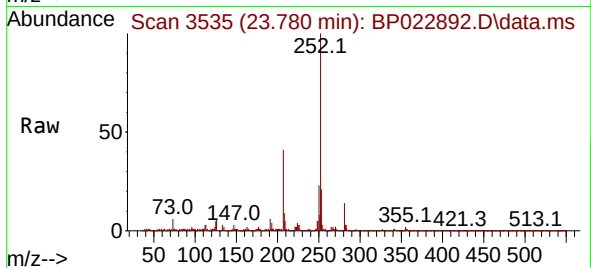
Tgt Ion:	252	Resp:	22460
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.4	26.0
125	5.4	4.6	6.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024



#93

Benzo(a)pyrene

Concen: 2.644 ng/ul

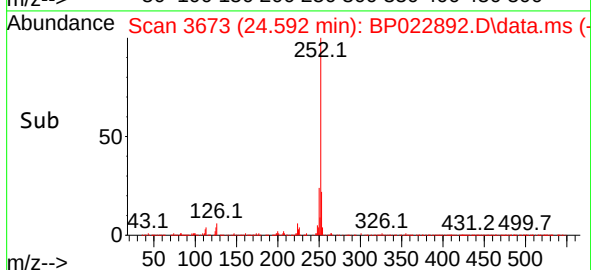
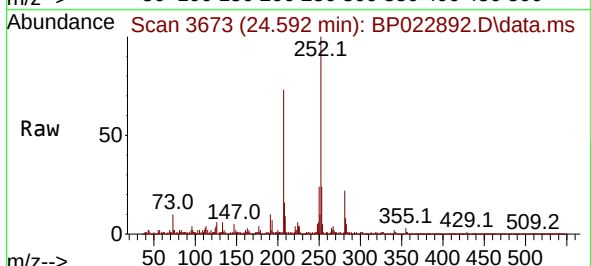
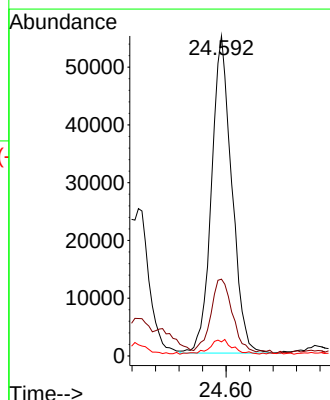
RT: 24.592 min Scan# 3673

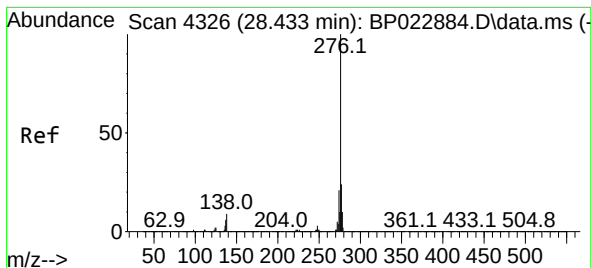
Delta R.T. 0.000 min

Lab File: BP022892.D

Acq: 06 Nov 2024 13:50

Tgt Ion:	252	Resp:	131176
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.7	26.5
125	4.4	4.9	7.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.011 ng/ul

RT: 28.445 min Scan# 4326

Delta R.T. 0.012 min

Lab File: BP022892.D

Acq: 06 Nov 2024 13:50

Instrument :

BNA_P

ClientSampleId :

A4EA9

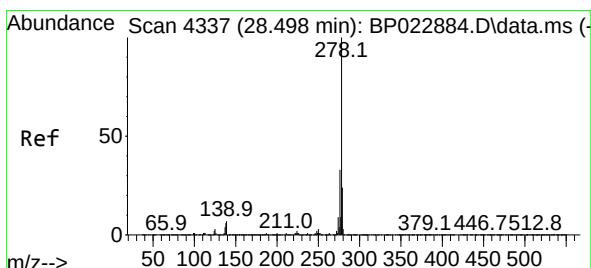
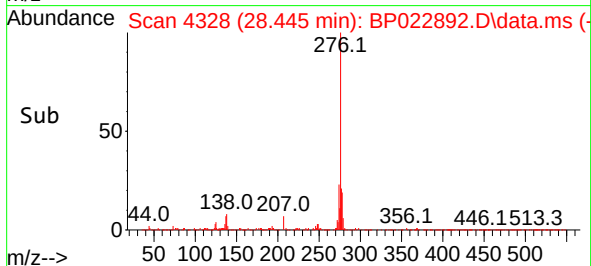
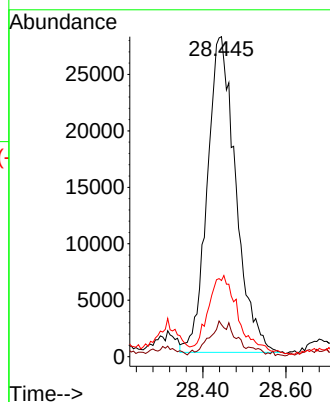
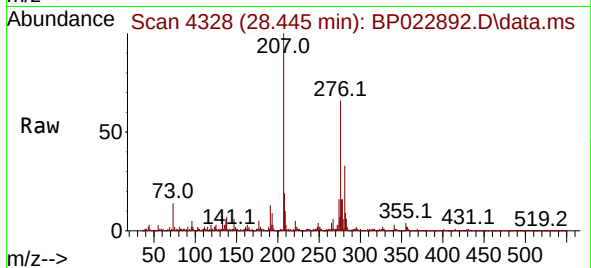
Tgt Ion:276 Resp: 13313
 Ion Ratio Lower Upper
 276 100
 138 10.0 9.1 13.7
 277 23.8 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.395 ng/ul m

RT: 28.492 min Scan# 4336

Delta R.T. -0.006 min

Lab File: BP022892.D

Acq: 06 Nov 2024 13:50

Tgt Ion:278 Resp: 74758
 Ion Ratio Lower Upper
 278 100
 139 7.6 7.3 10.9
 279 27.2 19.0 28.4

