

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022890.D
 Acq On : 06 Nov 2024 12:28
 Operator : RC/JU
 Sample : P4581-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4ED3

Manual Integrations
 APPROVED

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

Quant Time: Nov 06 23:48:29 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	90817	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	348720	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.246	164	271072	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	643049	20.000	ng/u1	0.00
79) Chrysene-d12	21.498	240	713863	20.000	ng/u1	0.00
88) Perylene-d12	24.757	264	856772	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	6455	2.762	ng/uL	0.00
4) Pyridine-d5	3.587	84	91131	14.204	ng/u1	0.00
7) Phenol-d5	6.822	99	135542	17.730	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.964	67	74467	16.574	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	103457	19.072	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	112756	18.482	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	50607	18.874	ng/u1	0.00
24) 2-Nitrophenol-d4	9.475	143	59881	19.290	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	126715	19.206	ng/u1	0.00
31) 4-Chloroaniline-d4	10.522	131	133696	17.149	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	403523	18.736	ng/u1	0.00
49) Acenaphthylene-d8	13.940	160	447890	19.580	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	46235	12.796	ng/u1	0.00
60) Fluorene-d10	15.251	176	376113	20.134	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	23830	5.635	ng/u1	0.00
73) Anthracene-d10	17.157	188	615607	20.350	ng/u1	0.00
81) Pyrene-d10	19.539	212	778338	20.618	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.527	264	934378	20.421	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.098	178	247232	7.186	ng/u1	100
74) Anthracene	17.192	178	50413m	1.468	ng/u1	
80) Fluoranthene	19.186	202	467959	10.783	ng/u1	99
82) Pyrene	19.569	202	418696	9.001	ng/u1#	97
85) Benzo(a)anthracene	21.480	228	211295	4.222	ng/u1	96
87) Chrysene	21.545	228	204043m	4.397	ng/u1	
90) Benzo(b)fluoranthene	23.727	252	287965	5.340	ng/u1	97
91) Benzo(k)fluoranthene	23.798	252	92534m	1.752	ng/u1	
93) Benzo(a)pyrene	24.610	252	211440m	4.260	ng/u1	
94) Indeno(1,2,3-cd)pyrene	28.445	276	137524m	2.076	ng/u1	
96) Benzo(g,h,i)perylene	29.592	276	140093m	2.719	ng/u1	

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

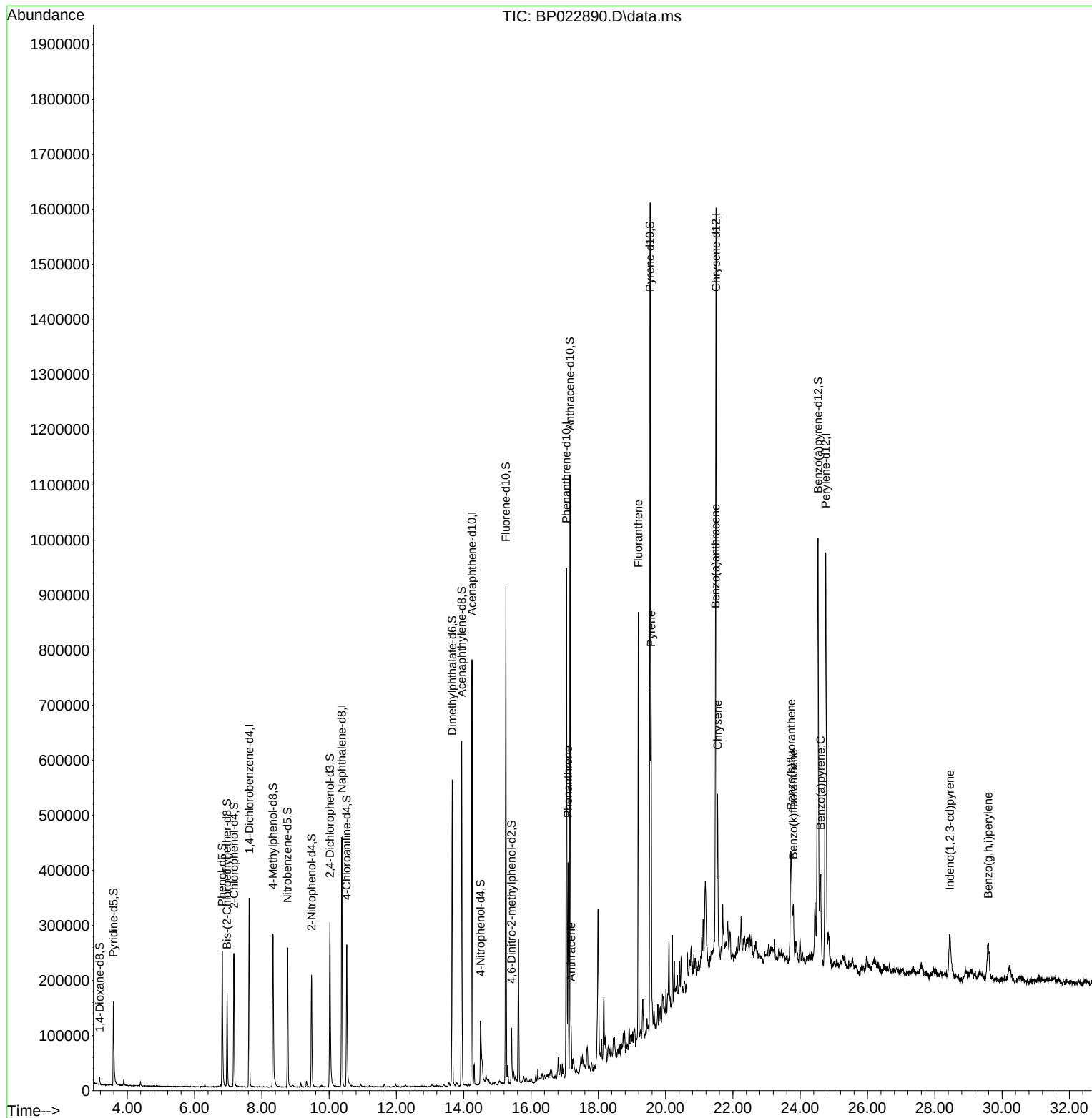
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022890.D
Acq On : 06 Nov 2024 12:28
Operator : RC/JU
Sample : P4581-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

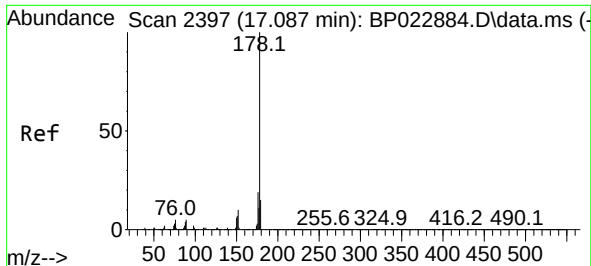
Instrument :
BNA_P
ClientSampleId :
A4ED3

Manual Integrations
APPROVED

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

Quant Time: Nov 06 23:48:29 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





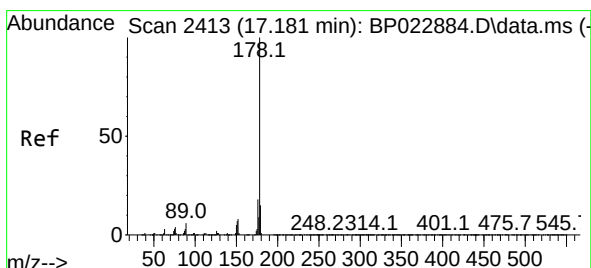
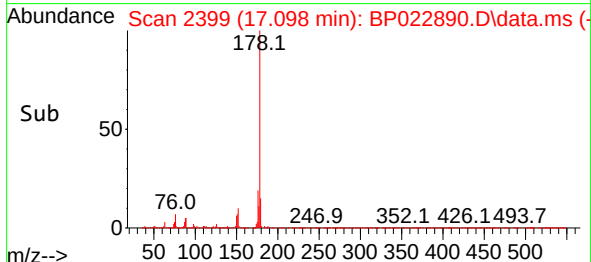
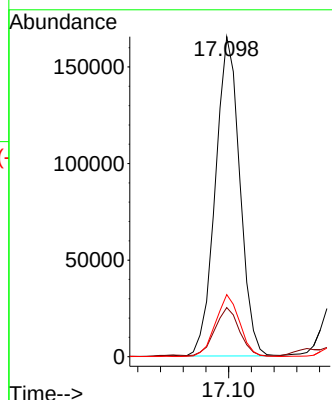
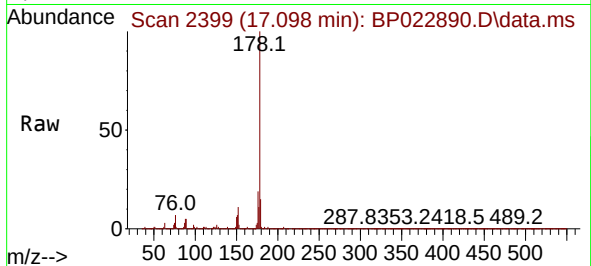
#72
Phenanthrene
Concen: 7.186 ng/ul
RT: 17.098 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BP022890.D
Acq: 06 Nov 2024 12:28

Instrument :
BNA_P
ClientSampleId :
A4ED3

Tgt Ion:178 Resp: 24723
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.4 15.7 23.5

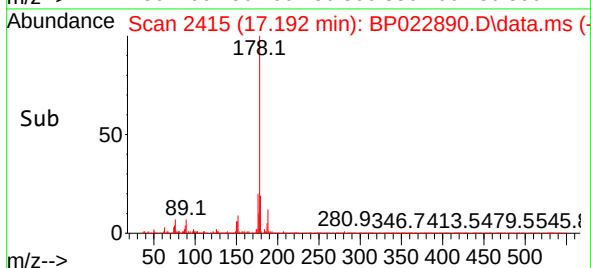
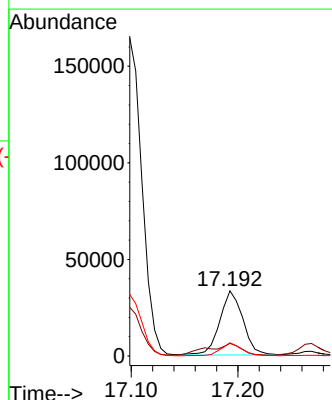
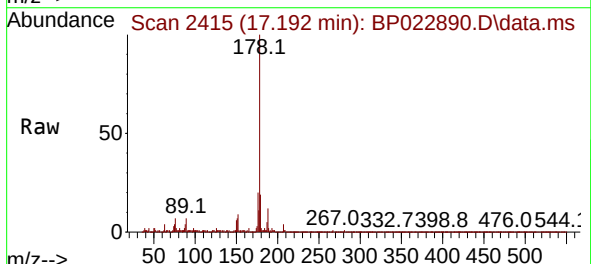
Manual Integrations
APPROVED

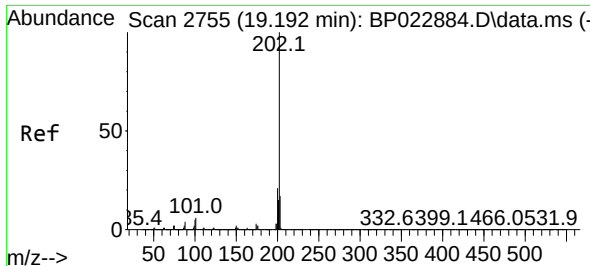
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#74
Anthracene
Concen: 1.468 ng/ul m
RT: 17.192 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP022890.D
Acq: 06 Nov 2024 12:28

Tgt Ion:178 Resp: 50413
Ion Ratio Lower Upper
178 100
179 19.4 12.0 18.0#
176 20.3 15.0 22.4





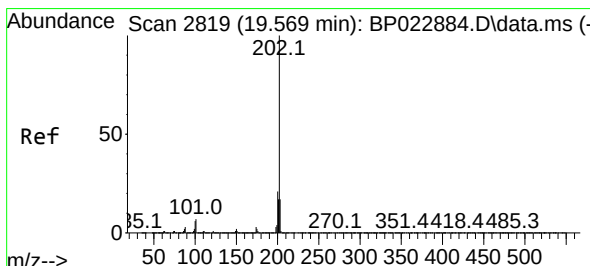
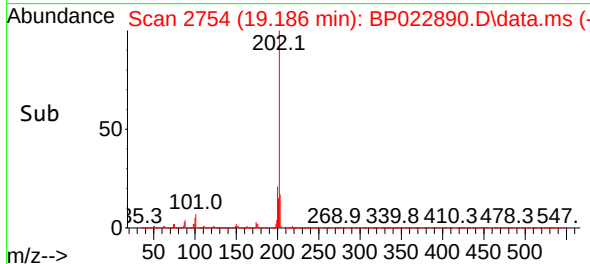
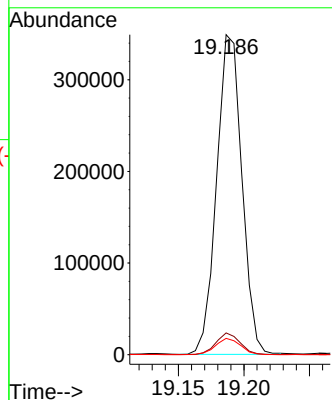
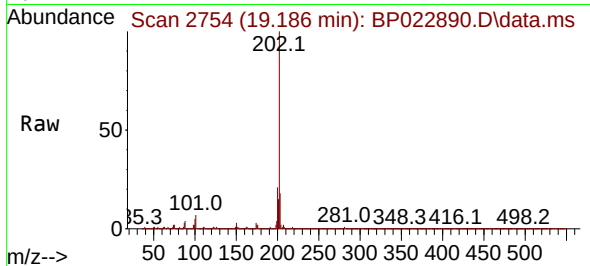
#80
Fluoranthene
Concen: 10.783 ng/u1
RT: 19.186 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP022890.D
Acq: 06 Nov 2024 12:28

Instrument :
BNA_P
ClientSampleId :
A4ED3

Tgt Ion:202 Resp: 46795
Ion Ratio Lower Upper
202 100
101 6.8 5.8 8.8
100 5.1 4.5 6.7

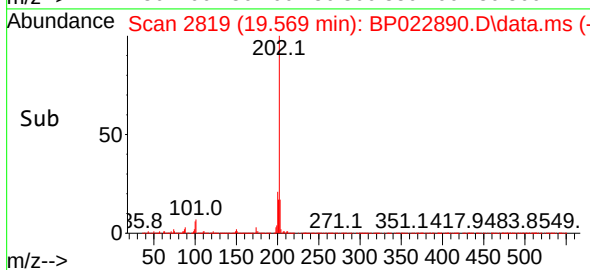
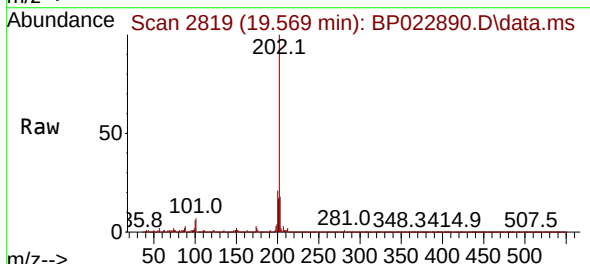
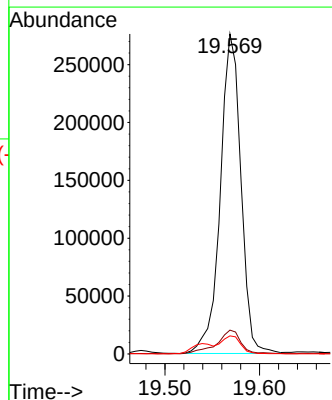
Manual Integrations
APPROVED

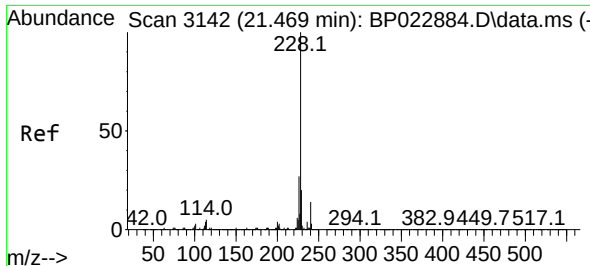
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#82
Pyrene
Concen: 9.001 ng/u1
RT: 19.569 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BP022890.D
Acq: 06 Nov 2024 12:28

Tgt Ion:202 Resp: 418696
Ion Ratio Lower Upper
202 100
101 7.5 6.7 10.1
100 5.7 5.8 8.6#





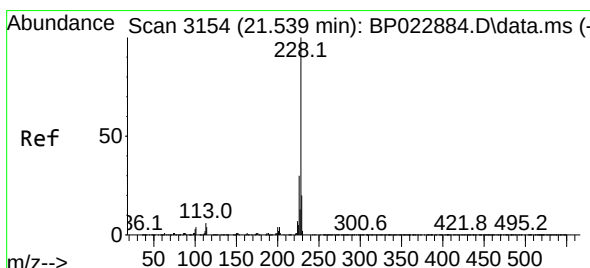
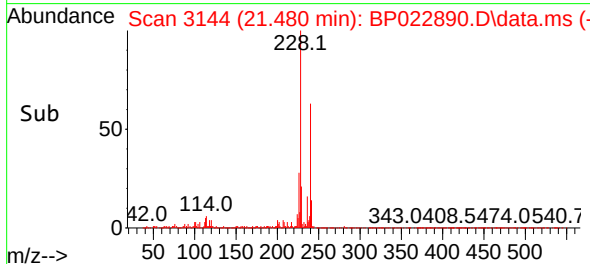
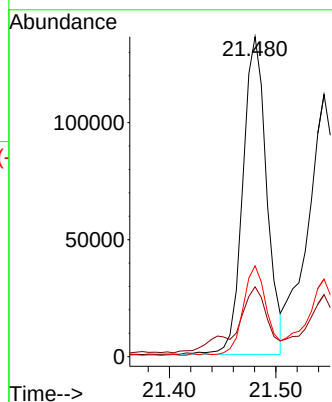
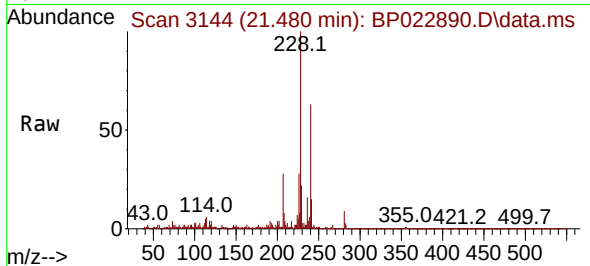
#85
Benzo(a)anthracene
Concen: 4.222 ng/ul
RT: 21.480 min Scan# 31129
Delta R.T. 0.006 min
Lab File: BP022890.D
Acq: 06 Nov 2024 12:28

Instrument :
BNA_P
ClientSampleId :
A4ED3

Tgt Ion:228 Resp: 21129
Ion Ratio Lower Upper
228 100
229 21.8 15.4 23.0
226 28.4 21.5 32.3

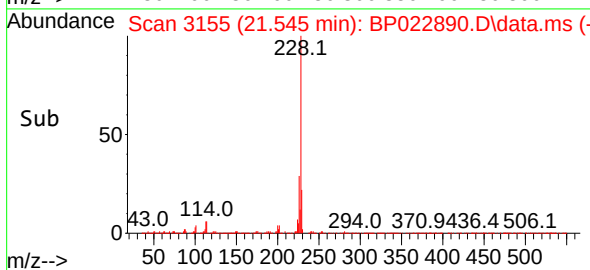
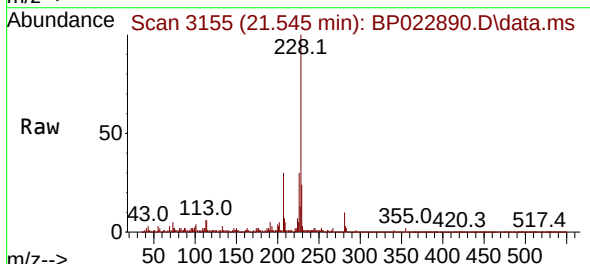
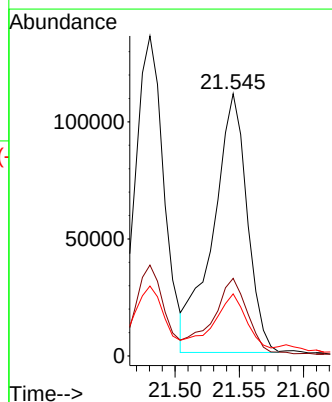
Manual Integrations
APPROVED

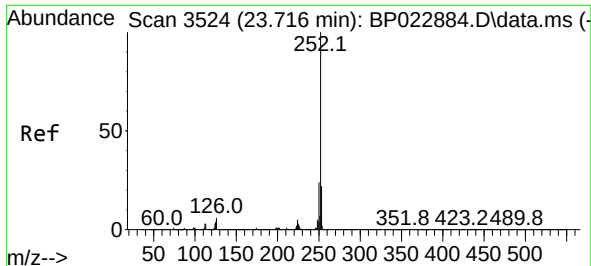
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#87
Chrysene
Concen: 4.397 ng/ul m
RT: 21.545 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BP022890.D
Acq: 06 Nov 2024 12:28

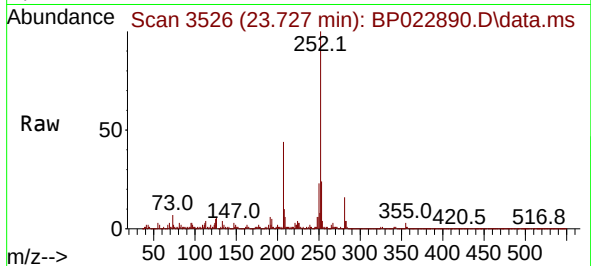
Tgt Ion:228 Resp: 204043
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.8
229 23.7 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 5.340 ng/ul
RT: 23.727 min Scan# 3526
Delta R.T. 0.006 min
Lab File: BP022890.D
Acq: 06 Nov 2024 12:28

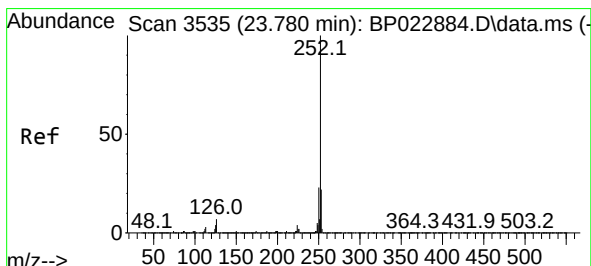
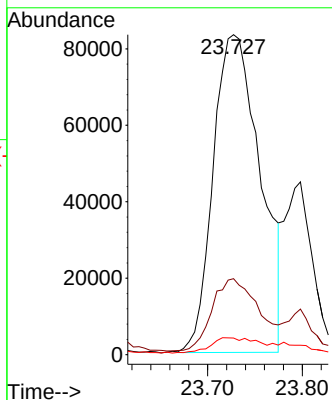
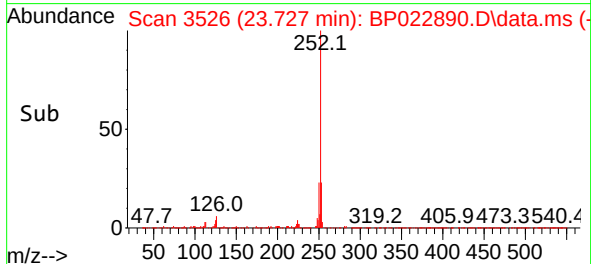
Instrument :
BNA_P
ClientSampleId :
A4ED3



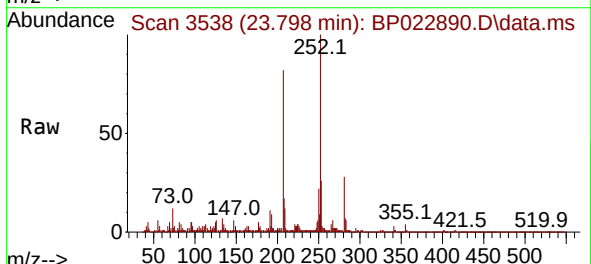
Tgt Ion:252 Resp: 28796
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 5.2 5.0 7.4

Manual Integrations
APPROVED

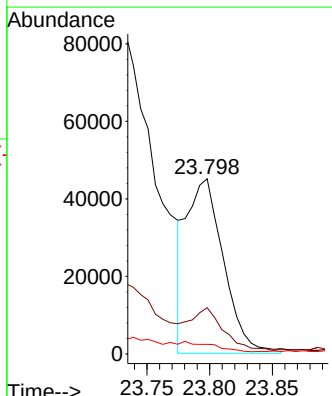
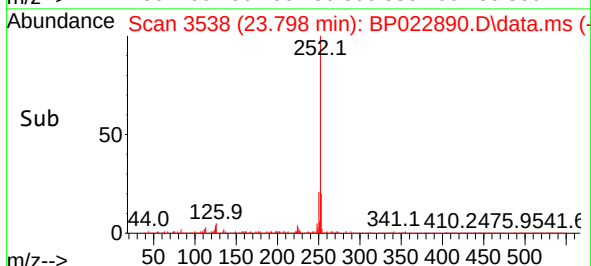
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024

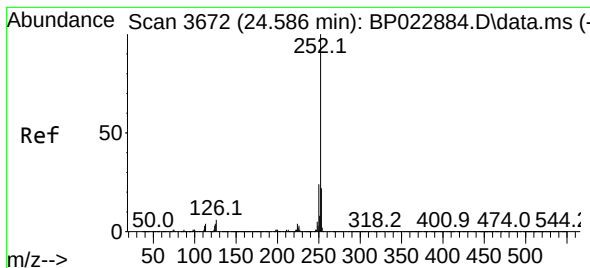


#91
Benzo(k)fluoranthene
Concen: 1.752 ng/ul m
RT: 23.798 min Scan# 3538
Delta R.T. 0.012 min
Lab File: BP022890.D
Acq: 06 Nov 2024 12:28



Tgt Ion:252 Resp: 92534
Ion Ratio Lower Upper
252 100
253 26.4 17.4 26.0#
125 5.5 4.6 6.8





#93

Benzo(a)pyrene

Concen: 4.260 ng/ul m

RT: 24.610 min Scan# 3

Delta R.T. 0.018 min

Lab File: BP022890.D

Acq: 06 Nov 2024 12:28

Instrument :

BNA_P

ClientSampleId :

A4ED3

Tgt Ion:252 Resp: 211440

Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

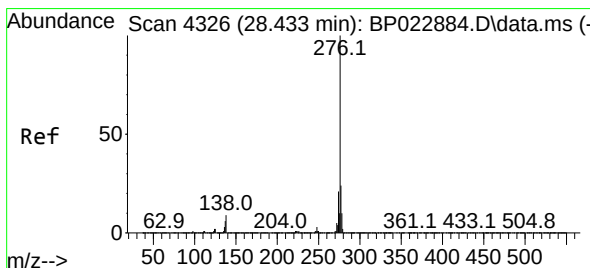
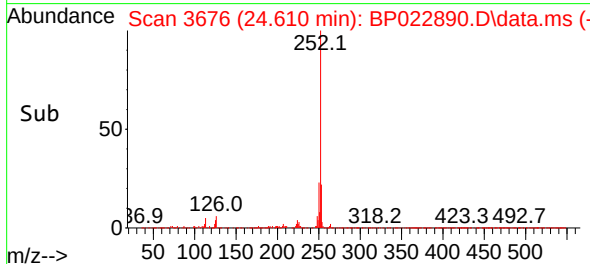
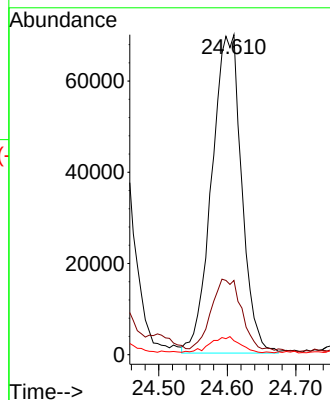
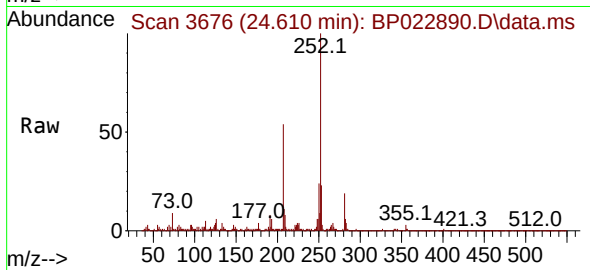
125 4.3 4.9 7.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.076 ng/ul m

RT: 28.445 min Scan# 4328

Delta R.T. 0.012 min

Lab File: BP022890.D

Acq: 06 Nov 2024 12:28

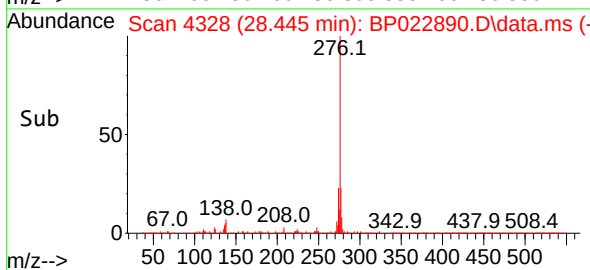
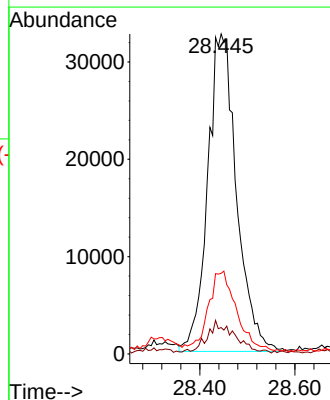
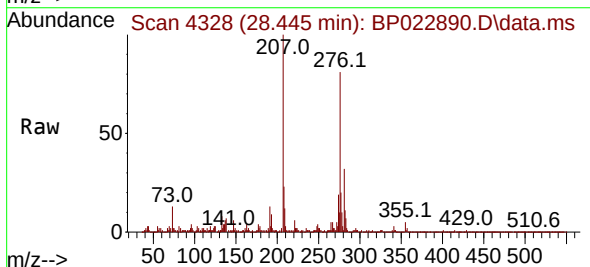
Tgt Ion:276 Resp: 137524

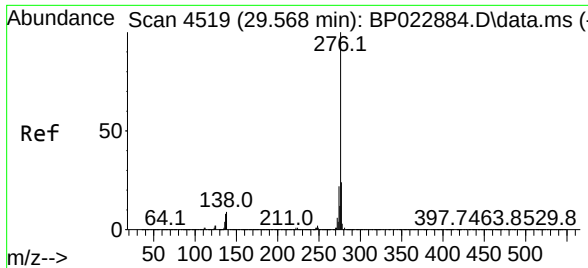
Ion Ratio Lower Upper

276 100

138 8.3 9.1 13.7#

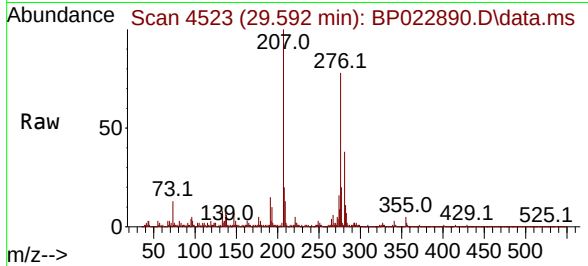
277 25.2 18.6 27.8





#96
 Benzo(g,h,i)perylene
 Concen: 2.719 ng/ul m
 RT: 29.592 min Scan# 4523
 Delta R.T. 0.018 min
 Lab File: BP022890.D
 Acq: 06 Nov 2024 12:28

Instrument :
 BNA_P
 ClientSampleId :
 A4ED3



Tgt Ion: 276 Resp: 140093
 Ion Ratio Lower Upper
 276 100
 138 7.7 8.5 12.7
 277 25.5 19.0 28.4

Manual Integrations
 APPROVED

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

