

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021102.D
 Acq On : 23 Jul 2024 17:12
 Operator : MA/JU
 Sample : P3238-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BF9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 00:46:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 00:21:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	174391	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	713220	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	467125	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	1013930	20.000	ng/u1	0.00
79) Chrysene-d12	21.575	240	1030542	20.000	ng/u1	0.00
88) Perylene-d12	24.910	264	1281100	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	10313	2.691	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.875	99	207636	14.604	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	126920	14.730	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	176349	15.054	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	146691	12.423	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	83145	15.009	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	97087	15.312	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	176872	15.427	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	146617	9.653	ng/u1	0.01
46) Dimethylphthalate-d6	13.716	166	565348	16.649	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	636212	16.686	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	77616m	16.065	ng/u1	0.02
60) Fluorene-d10	15.328	176	510987	18.342	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.493	200	68319	11.136	ng/u1	0.01
73) Anthracene-d10	17.234	188	798179	17.724	ng/u1	0.01
81) Pyrene-d10	19.616	212	1004411	15.765	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.674	264	894678	14.160	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.175	178	348238	6.621	ng/u1	99
74) Anthracene	17.269	178	62395	1.164	ng/u1	99
80) Fluoranthene	19.263	202	817483	10.625	ng/u1	98
82) Pyrene	19.645	202	604882	7.726	ng/u1	100
85) Benzo(a)anthracene	21.557	228	379430	5.256	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	154331	3.287	ng/u1	99
87) Chrysene	21.622	228	420070	6.262	ng/u1	97
90) Benzo(b)fluoranthene	23.857	252	587535	7.557	ng/u1#	96
91) Benzo(k)fluoranthene	23.916	252	216323	2.788	ng/u1#	93
93) Benzo(a)pyrene	24.739	252	246560	3.356	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.680	276	244496	2.583	ng/u1	98

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

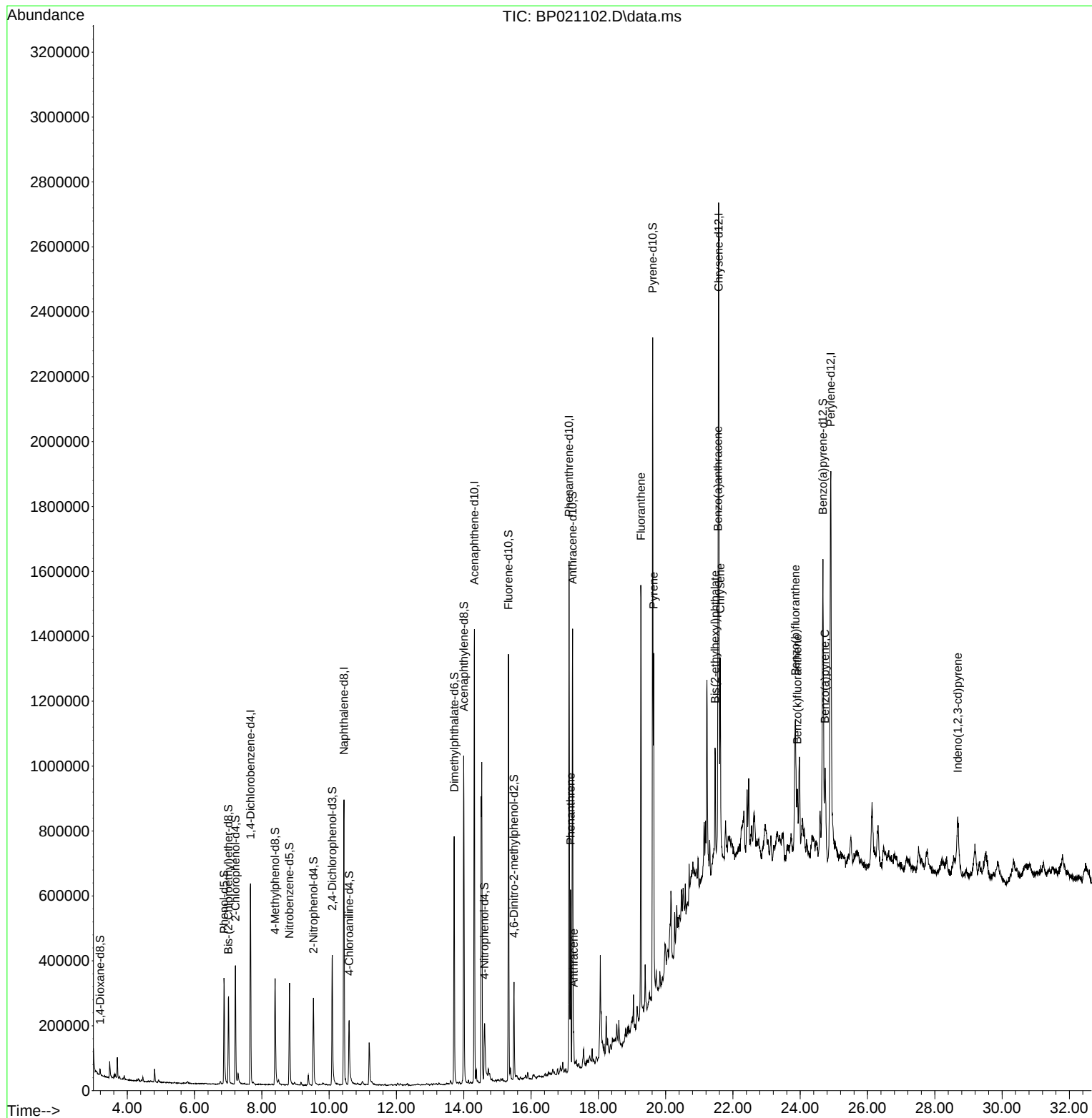
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021102.D
 Acq On : 23 Jul 2024 17:12
 Operator : MA/JU
 Sample : P3238-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

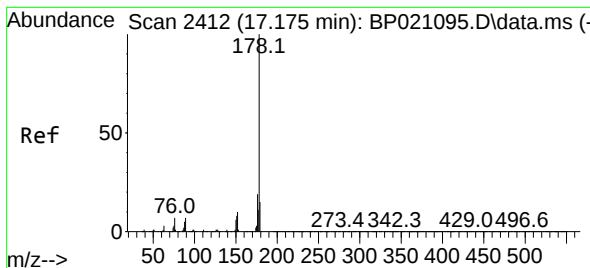
Instrument :
 BNA_P
 ClientSampleId :
 A4BF9

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 00:46:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 00:21:57 2024
 Response via : Initial Calibration





#72

Phenanthrene

Concen: 6.621 ng/ul

RT: 17.175 min Scan# 2412

Delta R.T. 0.006 min

Lab File: BP021102.D

Acq: 23 Jul 2024 17:12

Instrument :

BNA_P

ClientSampleId :

A4BF9

Tgt Ion:178 Resp: 348238

Ion Ratio Lower Upper

178 100

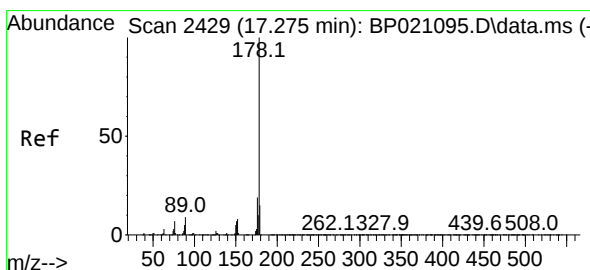
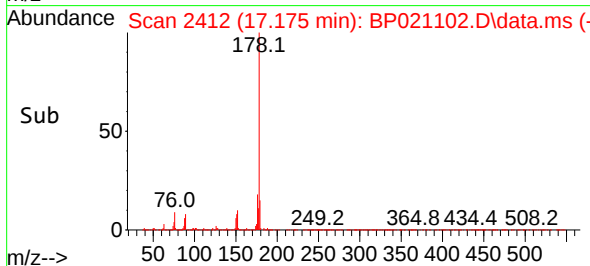
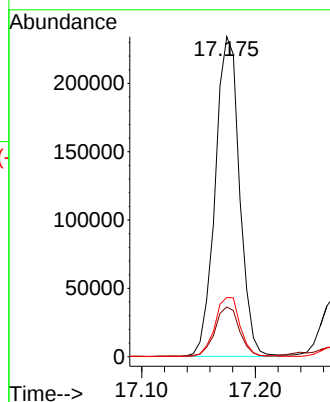
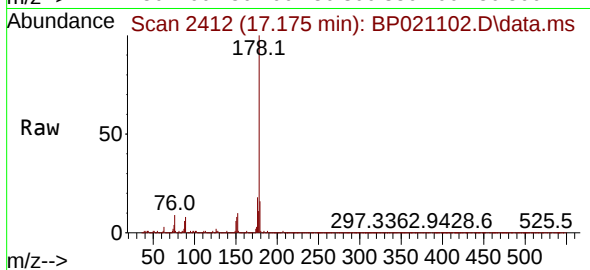
179 15.6 12.2 18.4

176 18.5 15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#74

Anthracene

Concen: 1.164 ng/ul

RT: 17.269 min Scan# 2428

Delta R.T. 0.012 min

Lab File: BP021102.D

Acq: 23 Jul 2024 17:12

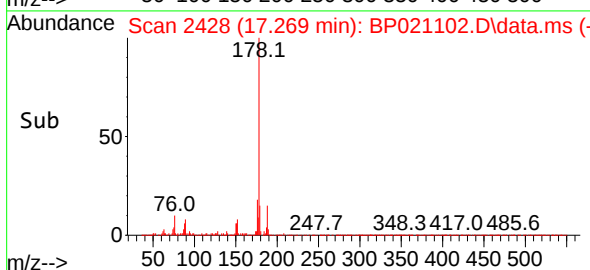
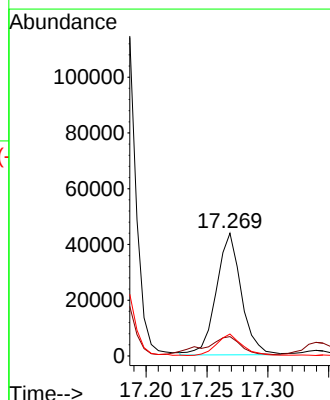
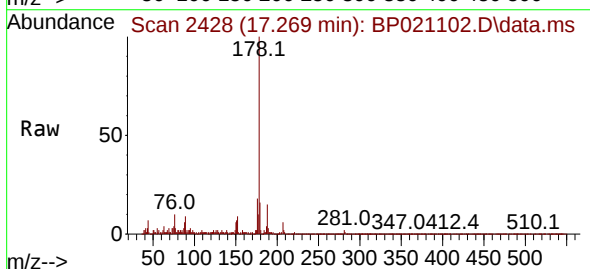
Tgt Ion:178 Resp: 62395

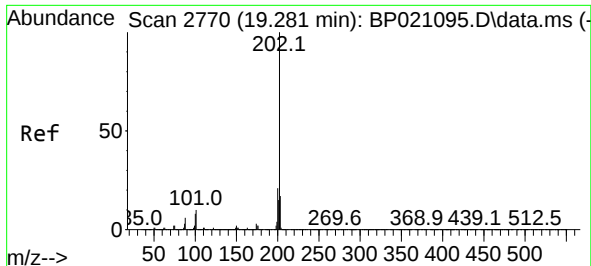
Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

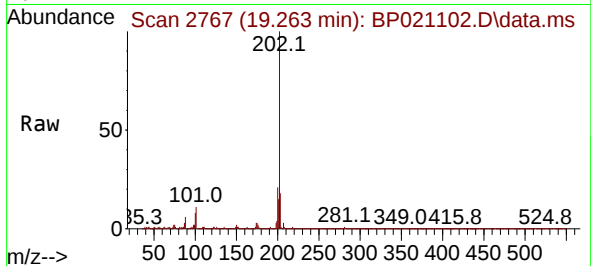
176 17.8 14.8 22.2





#80
Fluoranthene
Concen: 10.625 ng/u1
RT: 19.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP021102.D
Acq: 23 Jul 2024 17:12

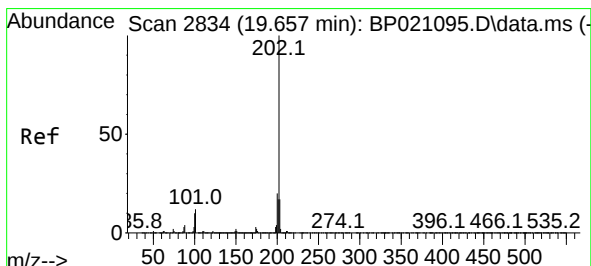
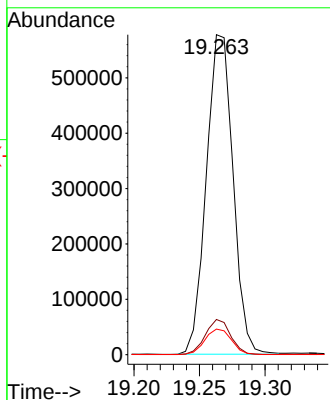
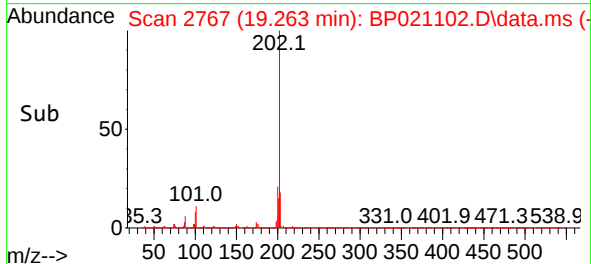
Instrument :
BNA_P
ClientSampleId :
A4BF9



Tgt Ion:202 Resp: 81748
Ion Ratio Lower Upper
202 100
101 11.0 8.0 12.0
100 8.0 6.1 9.1

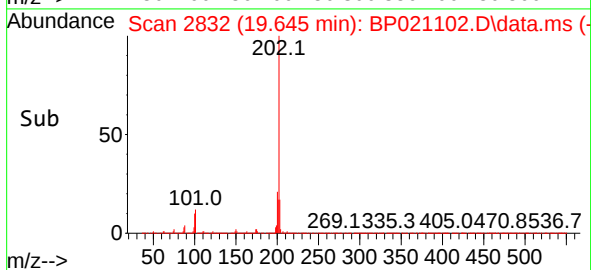
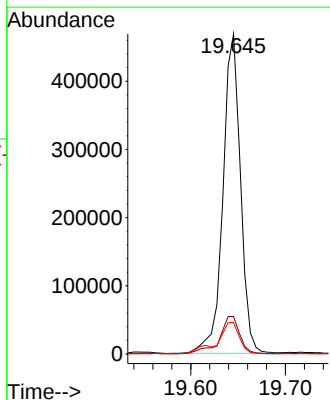
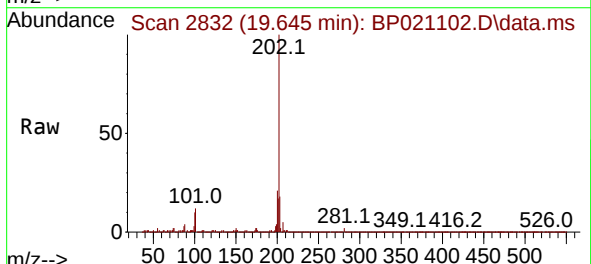
Manual Integrations
APPROVED

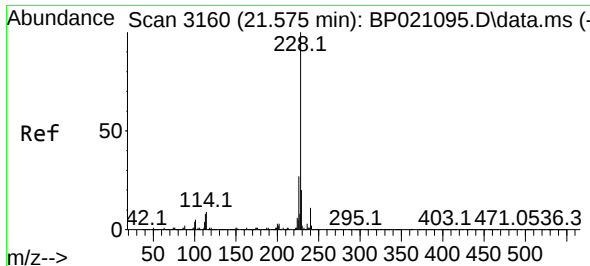
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#82
Pyrene
Concen: 7.726 ng/u1
RT: 19.645 min Scan# 2832
Delta R.T. 0.006 min
Lab File: BP021102.D
Acq: 23 Jul 2024 17:12

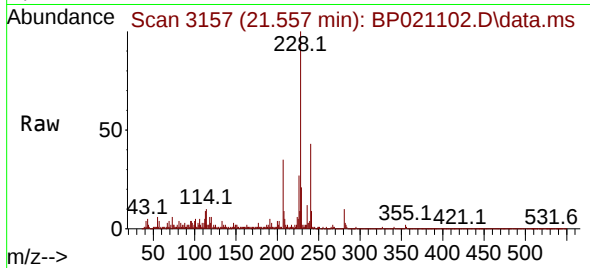
Tgt Ion:202 Resp: 604882
Ion Ratio Lower Upper
202 100
101 11.7 9.4 14.2
100 9.9 7.8 11.6





#85
Benzo(a)anthracene
Concen: 5.256 ng/ul
RT: 21.557 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP021102.D
Acq: 23 Jul 2024 17:12

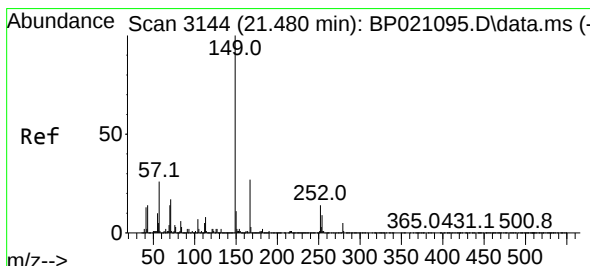
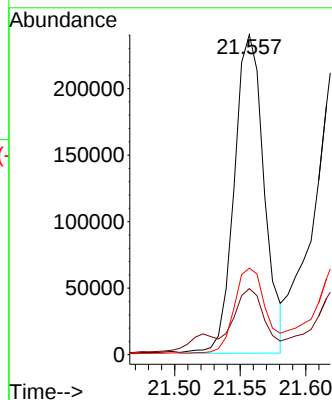
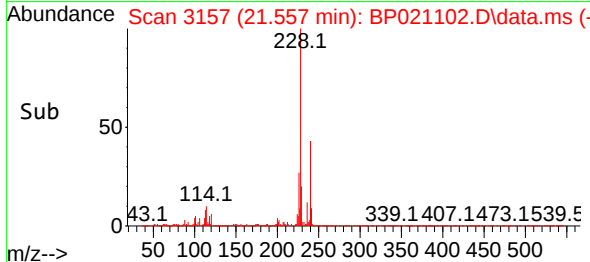
Instrument :
BNA_P
ClientSampleId :
A4BF9



Tgt Ion:228 Resp: 379430
Ion Ratio Lower Upper
228 100
229 20.7 15.5 23.3
226 27.0 21.4 32.2

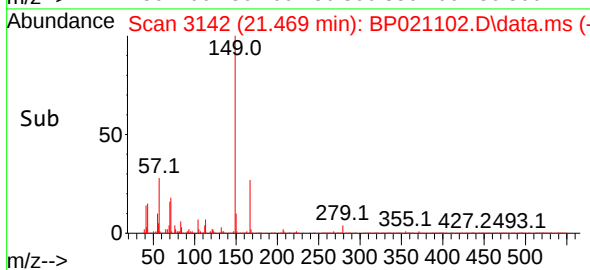
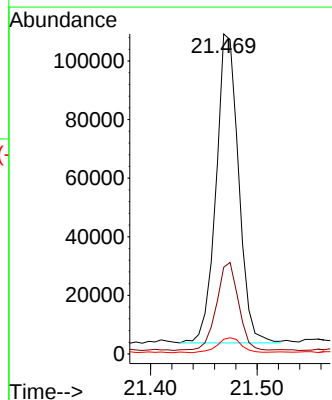
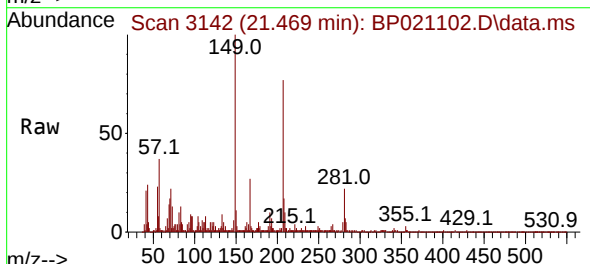
Manual Integrations
APPROVED

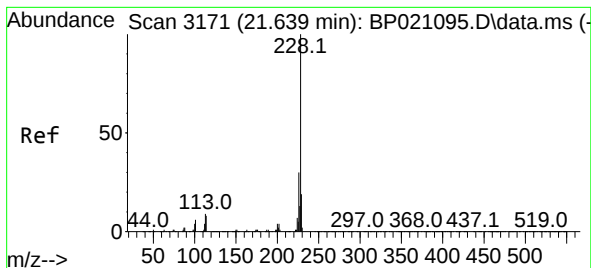
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.287 ng/ul
RT: 21.469 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BP021102.D
Acq: 23 Jul 2024 17:12

Tgt Ion:149 Resp: 154331
Ion Ratio Lower Upper
149 100
167 27.1 22.1 33.1
279 4.6 3.7 5.5





#87

Chrysene

Concen: 6.262 ng/ul

RT: 21.622 min Scan# 3171

Delta R.T. 0.000 min

Lab File: BP021102.D

Acq: 23 Jul 2024 17:12

Instrument :

BNA_P

ClientSampleId :

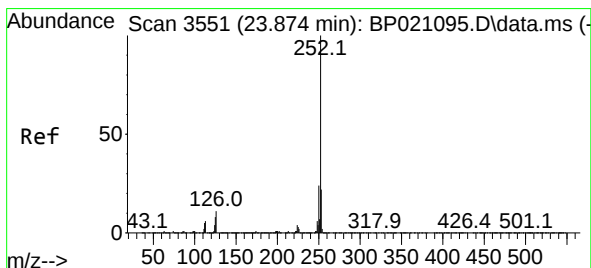
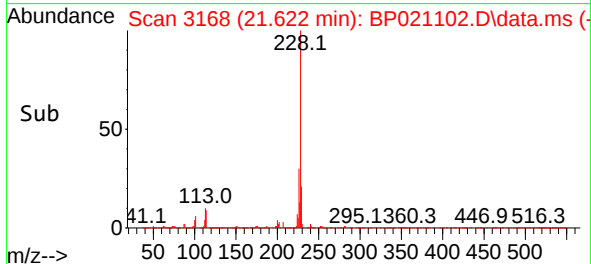
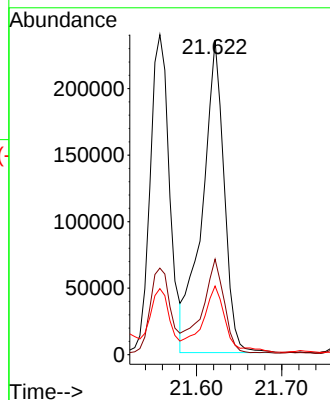
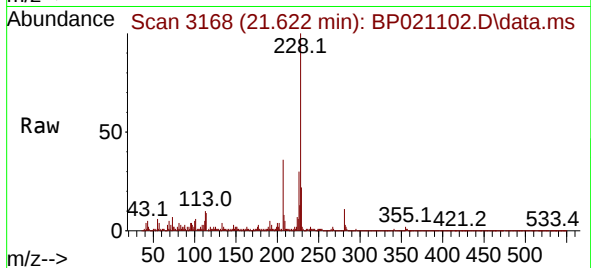
A4BF9

Tgt Ion:228	Resp: 420070
Ion Ratio	Lower Upper
228 100	
226 30.4	23.6 35.4
229 21.8	15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#90

Benzo(b)fluoranthene

Concen: 7.557 ng/ul

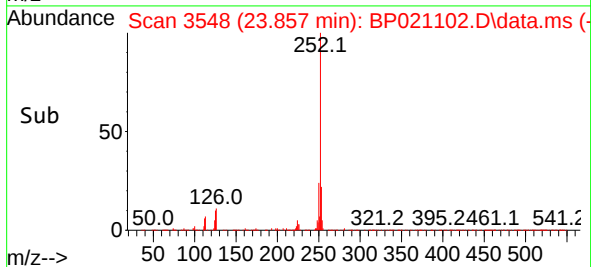
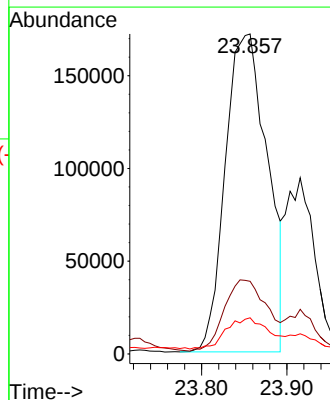
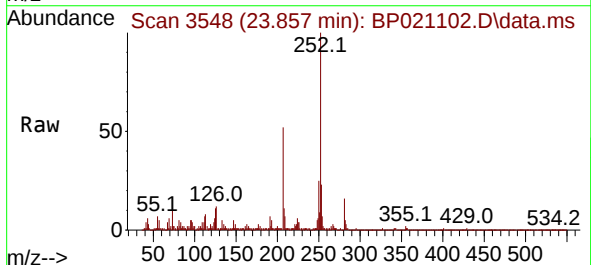
RT: 23.857 min Scan# 3548

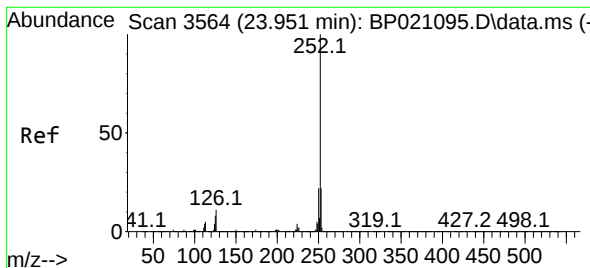
Delta R.T. 0.000 min

Lab File: BP021102.D

Acq: 23 Jul 2024 17:12

Tgt Ion:252	Resp: 587535
Ion Ratio	Lower Upper
252 100	
253 22.7	17.1 25.7
125 11.3	7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 2.788 ng/ul

RT: 23.916 min Scan# 3558

Delta R.T. -0.006 min

Lab File: BP021102.D

Acq: 23 Jul 2024 17:12

Instrument :

BNA_P

ClientSampleId :

A4BF9

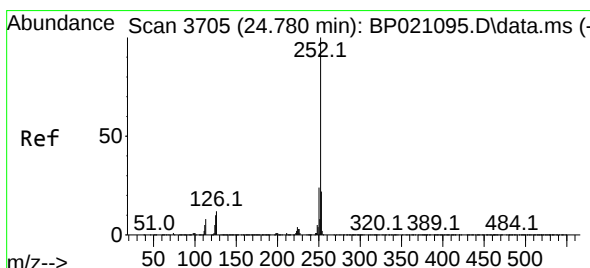
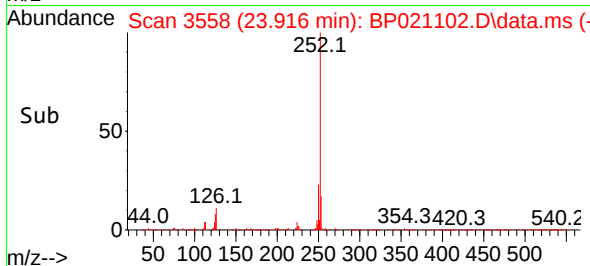
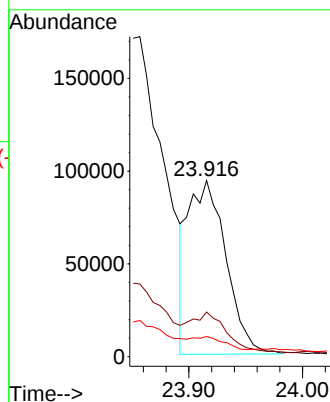
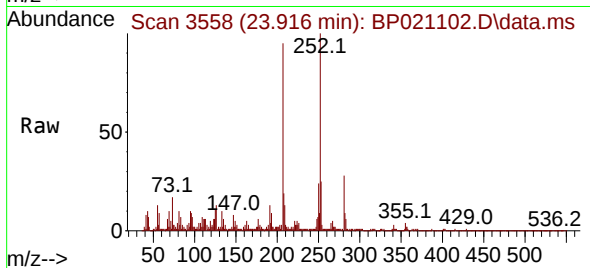
Tgt Ion:252 Resp: 21632

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.4	26.2
125	11.4	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#93

Benzo(a)pyrene

Concen: 3.356 ng/ul

RT: 24.739 min Scan# 3698

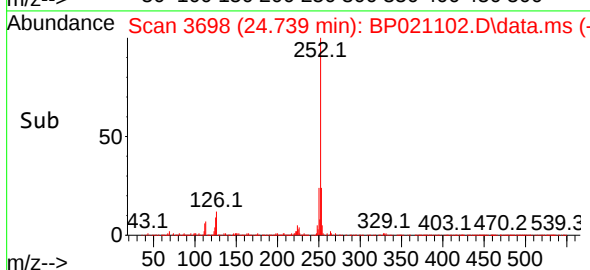
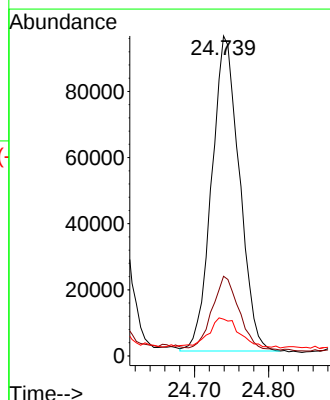
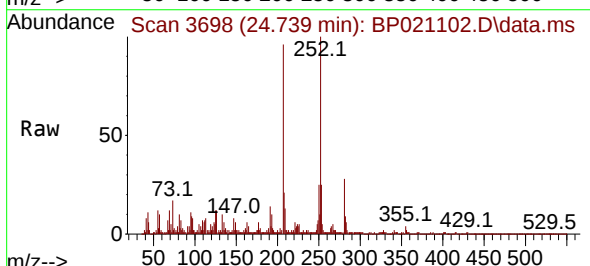
Delta R.T. -0.006 min

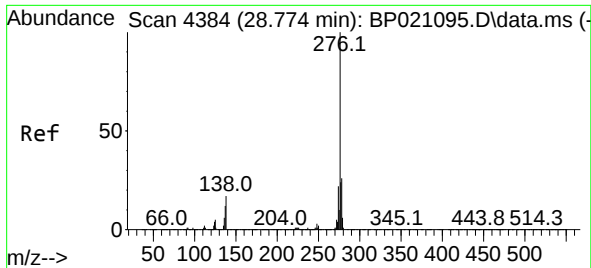
Lab File: BP021102.D

Acq: 23 Jul 2024 17:12

Tgt Ion:252 Resp: 246560

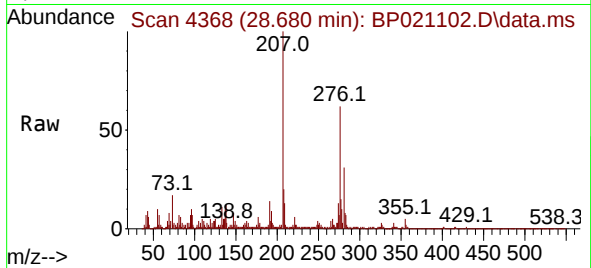
Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.0
125	11.5	7.7	11.5





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.583 ng/ul
 RT: 28.680 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BP021102.D
 Acq: 23 Jul 2024 17:12

Instrument :
 BNA_P
 ClientSampleId :
 A4BF9



Tgt Ion: 276 Resp: 244490
 Ion Ratio Lower Upper
 276 100
 138 19.3 14.3 21.5
 277 24.7 19.2 28.8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

