

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021097.D
 Acq On : 23 Jul 2024 13:38
 Operator : MA/JU
 Sample : P3238-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CG8

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 00:32:17 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	7.669	152	193810	20.000	ng/u1	0.01
20) Naphthalene-d8	10.434	136	773065	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	511316	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	1118334	20.000	ng/u1	0.00
79) Chrysene-d12	21.575	240	1137351	20.000	ng/u1	0.00
88) Perylene-d12	24.904	264	1369376	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	12132	2.849	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.881	99	270675	17.131	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	160067	16.716	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	224826	17.270	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	217204	16.551	ng/u1	0.01
21) Nitrobenzene-d5	8.828	128	109113	18.172	ng/u1	0.01
24) 2-Nitrophenol-d4	9.540	143	125353	18.240	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.087	165	226046	18.190	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	118579	7.203	ng/u1	0.02
46) Dimethylphthalate-d6	13.716	166	697525	18.766	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	779374	18.674	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	92228	17.439	ng/u1	0.02
60) Fluorene-d10	15.328	176	601375	19.721	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	101903	15.060	ng/u1	0.00
73) Anthracene-d10	17.234	188	891239	17.943	ng/u1	0.01
81) Pyrene-d10	19.616	212	1121170	15.945	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.674	264	953654	14.120	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.175	178	362711	6.252	ng/u1	100
74) Anthracene	17.263	178	68201	1.153	ng/u1	96
80) Fluoranthene	19.263	202	816290	9.613	ng/u1	100
82) Pyrene	19.645	202	601964	6.966	ng/u1	98
85) Benzo(a)anthracene	21.551	228	415248	5.212	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.475	149	134875	2.603	ng/u1	100
87) Chrysene	21.622	228	404477	5.464	ng/u1	98
90) Benzo(b)fluoranthene	23.851	252	577454	6.949	ng/u1	96
91) Benzo(k)fluoranthene	23.910	252	206575m	2.491	ng/u1	
93) Benzo(a)pyrene	24.739	252	246016	3.133	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.698	276	222973	2.203	ng/u1	94

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

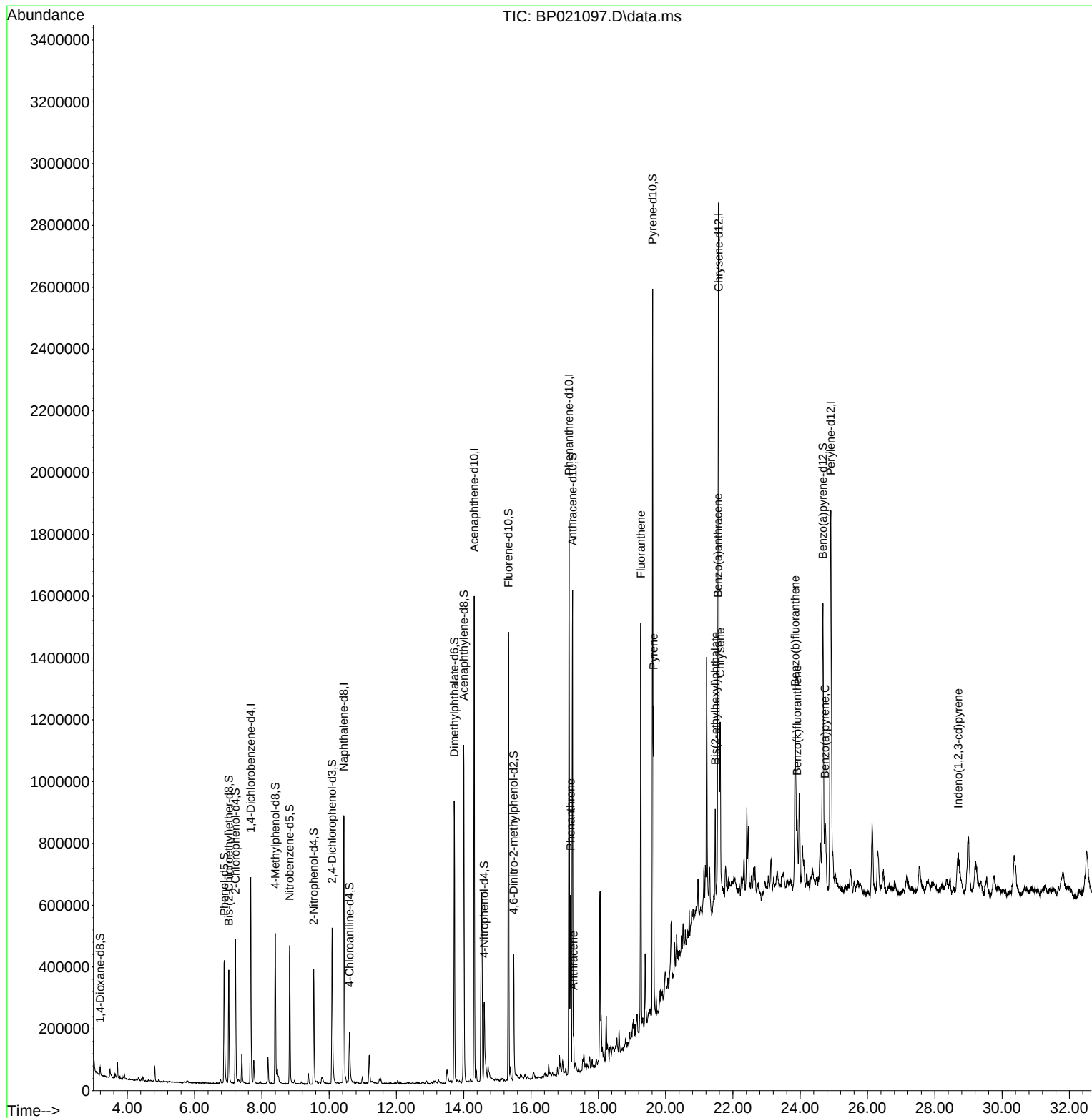
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021097.D
Acq On : 23 Jul 2024 13:38
Operator : MA/JU
Sample : P3238-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

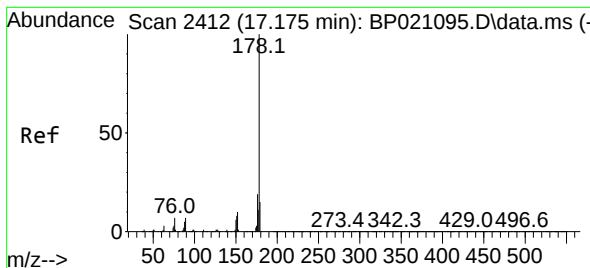
Instrument :
BNA_P
ClientSampleId :
A4CG8

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Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 00:32:17 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: 6.252 ng/ul

RT: 17.175 min Scan# 2412

Delta R.T. 0.006 min

Lab File: BP021097.D

Acq: 23 Jul 2024 13:38

Instrument :

BNA_P

ClientSampleId :

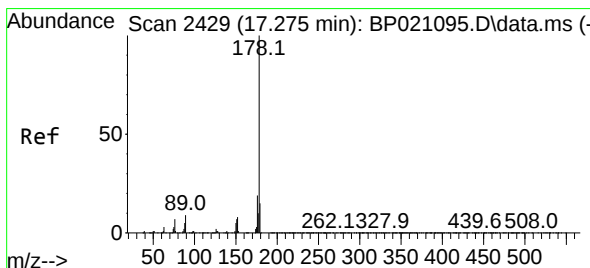
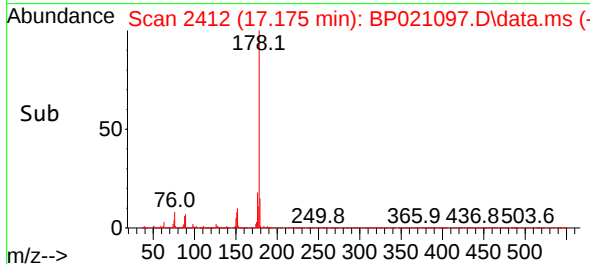
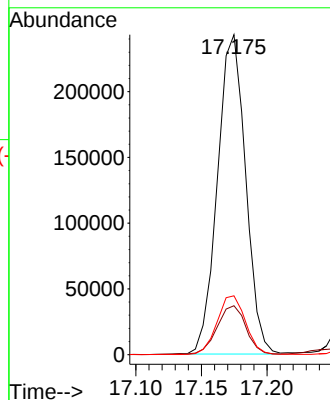
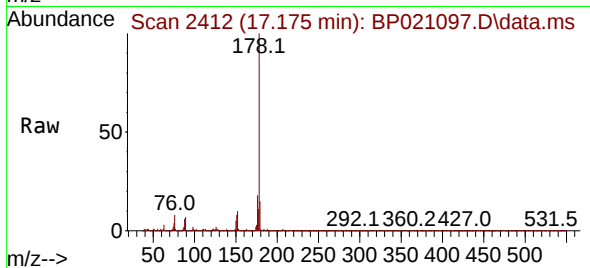
A4CG8

Tgt Ion:	178	Resp:	36271
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.2	18.4
176	18.4	15.0	22.4

Manual Integrations

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#74

Anthracene

Concen: 1.153 ng/ul

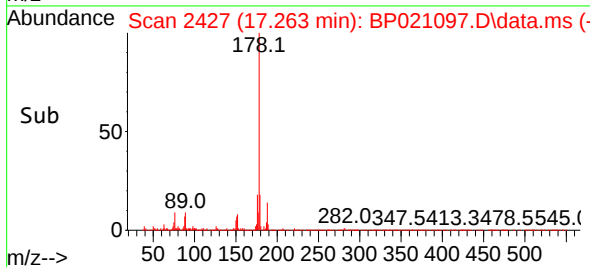
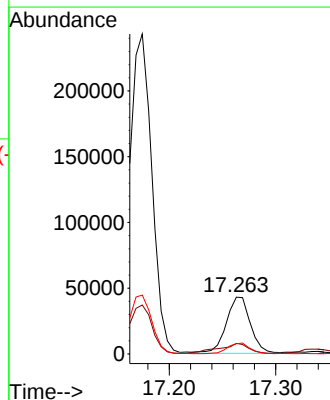
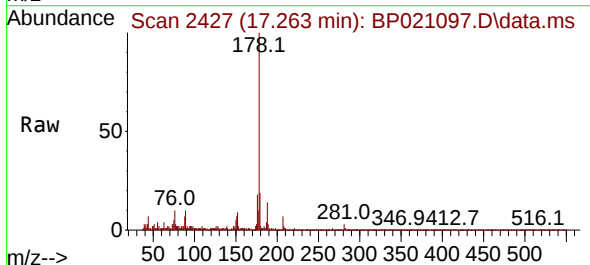
RT: 17.263 min Scan# 2427

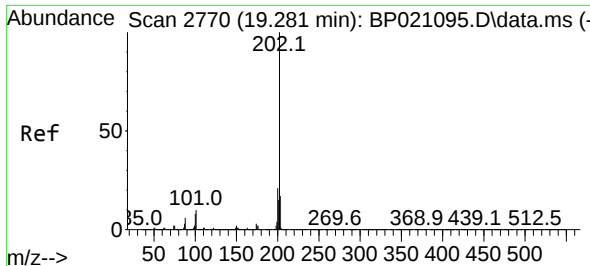
Delta R.T. 0.006 min

Lab File: BP021097.D

Acq: 23 Jul 2024 13:38

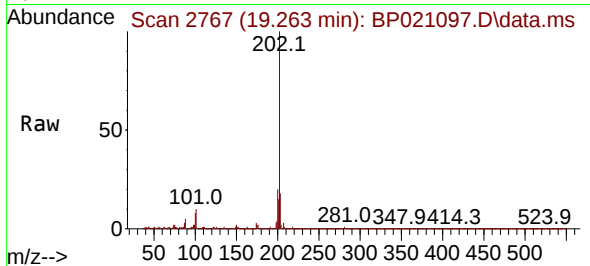
Tgt Ion:	178	Resp:	68201
Ion Ratio	Lower	Upper	
178	100		
179	18.7	12.5	18.7
176	18.1	14.8	22.2





#80
Fluoranthene
Concen: 9.613 ng/u1
RT: 19.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP021097.D
Acq: 23 Jul 2024 13:38

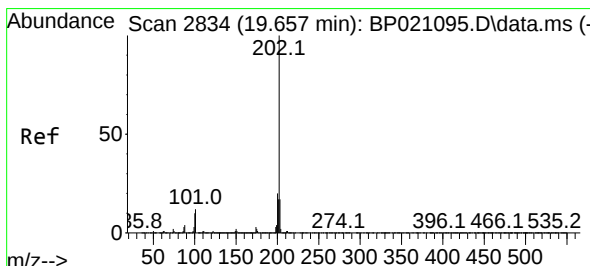
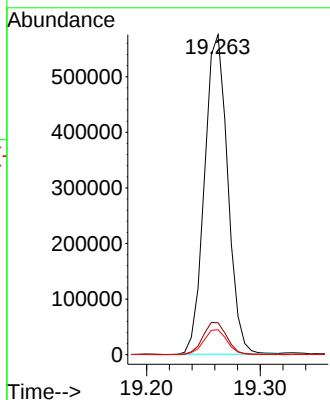
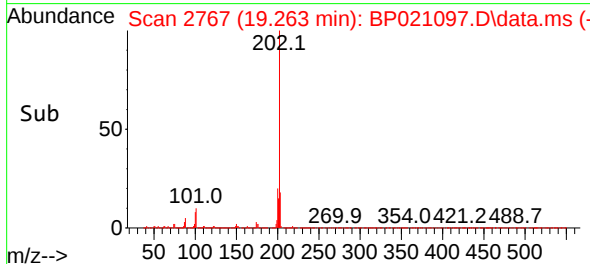
Instrument :
BNA_P
ClientSampleId :
A4CG8



Tgt Ion:202 Resp: 816290
Ion Ratio Lower Upper
202 100
101 10.0 8.0 12.0
100 7.8 6.1 9.1

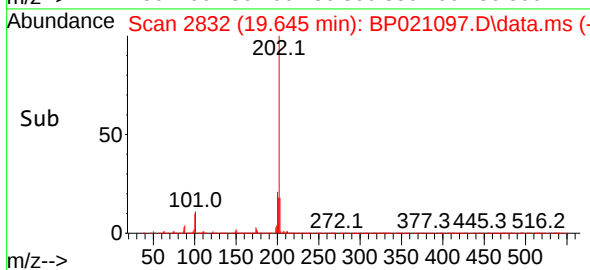
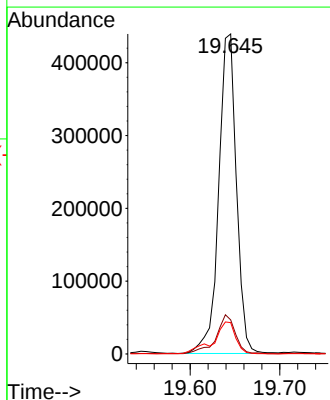
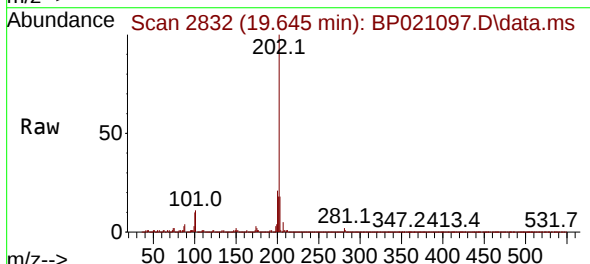
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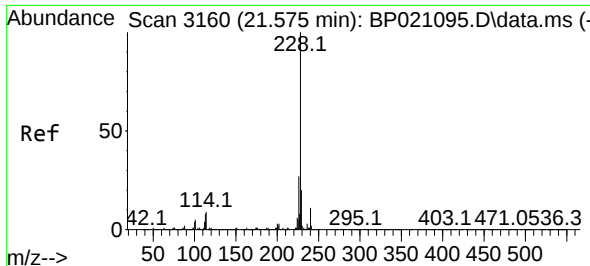
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#82
Pyrene
Concen: 6.966 ng/u1
RT: 19.645 min Scan# 2832
Delta R.T. 0.006 min
Lab File: BP021097.D
Acq: 23 Jul 2024 13:38

Tgt Ion:202 Resp: 601964
Ion Ratio Lower Upper
202 100
101 10.6 9.4 14.2
100 9.8 7.8 11.6





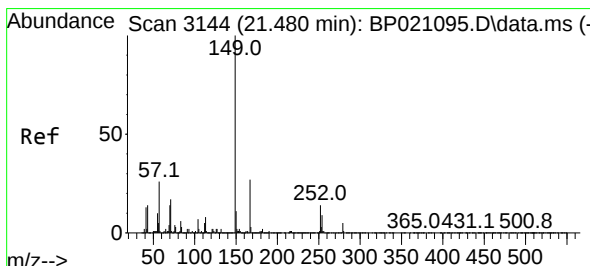
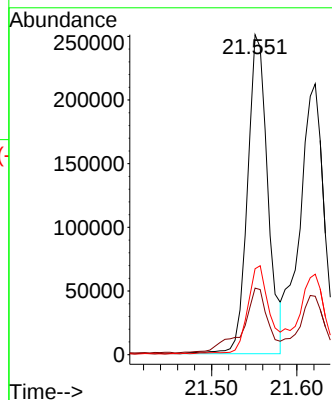
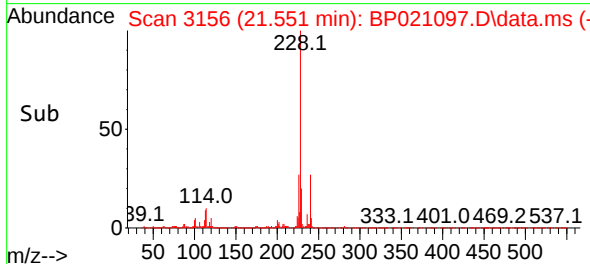
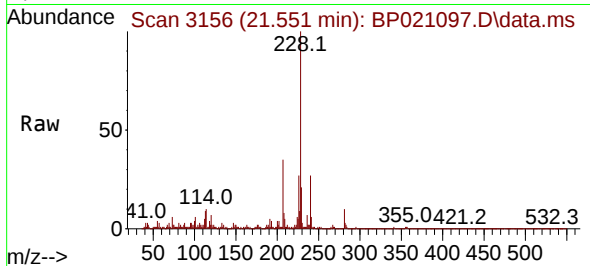
#85
Benzo(a)anthracene
Concen: 5.212 ng/ul
RT: 21.551 min Scan# 3156
Delta R.T. 0.000 min
Lab File: BP021097.D
Acq: 23 Jul 2024 13:38

Instrument :
BNA_P
ClientSampleId :
A4CG8

Tgt Ion:228 Resp: 415248
Ion Ratio Lower Upper
228 100
229 20.8 15.5 23.3
226 26.8 21.4 32.2

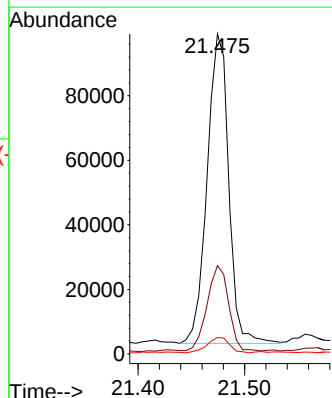
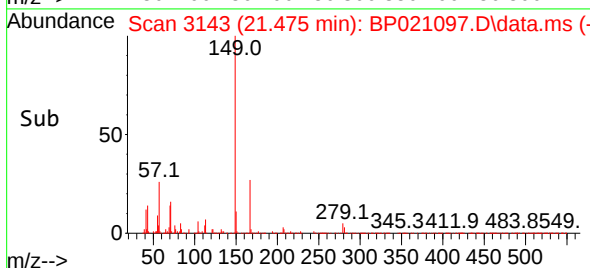
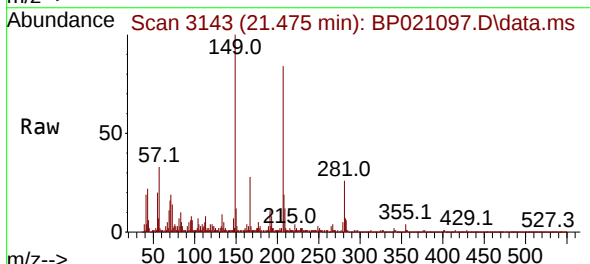
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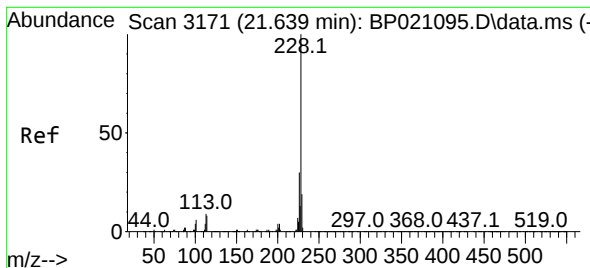
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.603 ng/ul
RT: 21.475 min Scan# 3143
Delta R.T. 0.000 min
Lab File: BP021097.D
Acq: 23 Jul 2024 13:38

Tgt Ion:149 Resp: 134875
Ion Ratio Lower Upper
149 100
167 27.6 22.1 33.1
279 5.2 3.7 5.5





#87

Chrysene

Concen: 5.464 ng/ul

RT: 21.622 min Scan# 3171

Delta R.T. 0.000 min

Lab File: BP021097.D

Acq: 23 Jul 2024 13:38

Instrument :

BNA_P

ClientSampleId :

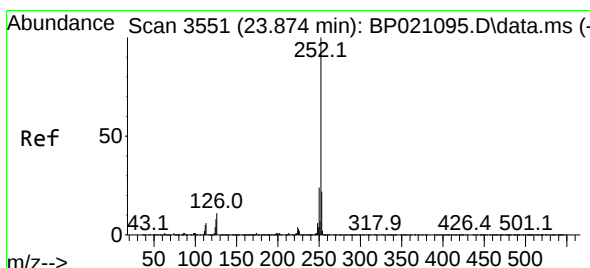
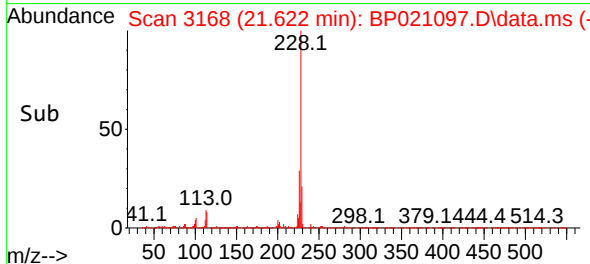
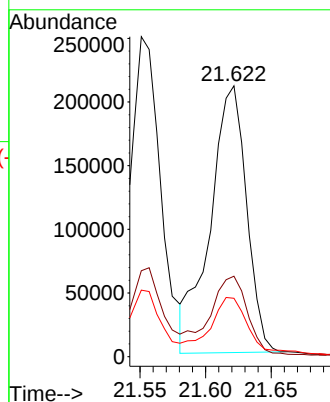
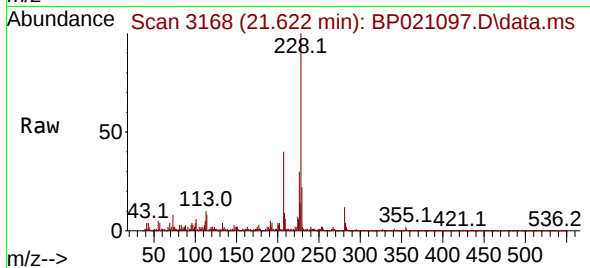
A4CG8

Tgt Ion:228	Resp: 40447
Ion Ratio	Lower Upper
228 100	
226 29.7	23.6 35.4
229 21.5	15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 07/25/2024



#90

Benzo(b)fluoranthene

Concen: 6.949 ng/ul

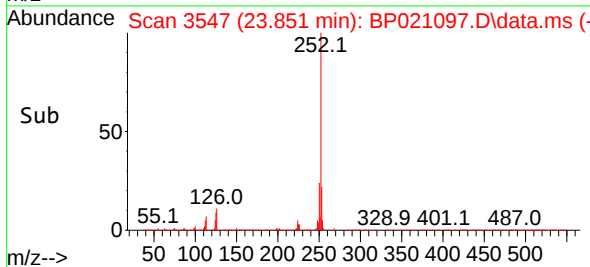
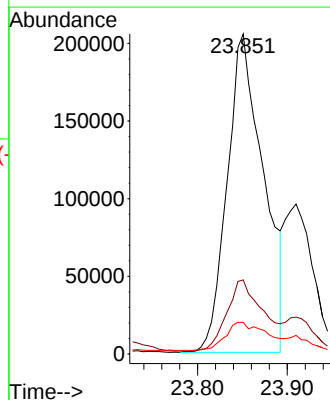
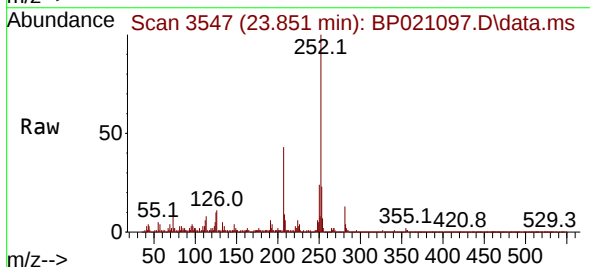
RT: 23.851 min Scan# 3547

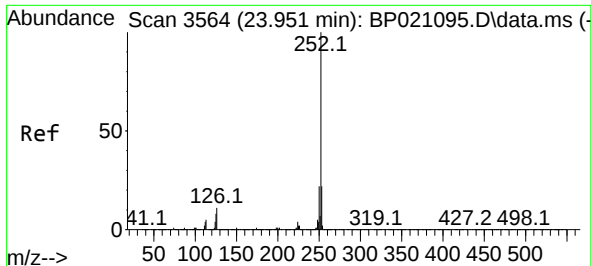
Delta R.T. -0.006 min

Lab File: BP021097.D

Acq: 23 Jul 2024 13:38

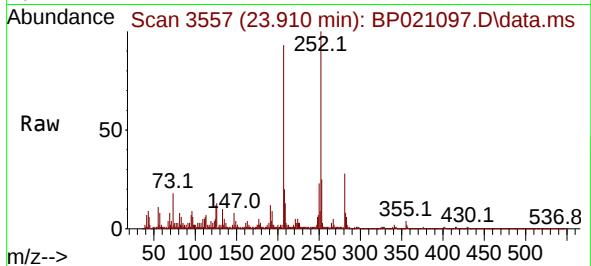
Tgt Ion:252	Resp: 577454
Ion Ratio	Lower Upper
252 100	
253 23.1	17.1 25.7
125 9.8	7.0 10.4





#91
Benzo(k)fluoranthene
Concen: 2.491 ng/ul m
RT: 23.910 min Scan# 3557
Delta R.T. -0.012 min
Lab File: BP021097.D
Acq: 23 Jul 2024 13:38

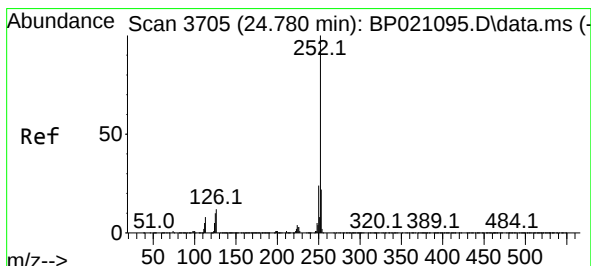
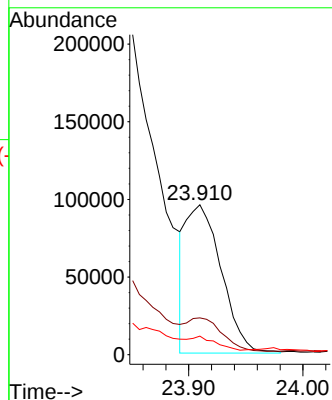
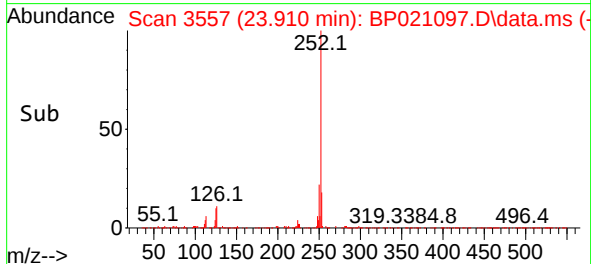
Instrument :
BNA_P
ClientSampleId :
A4CG8



Tgt Ion:252 Resp: 206579
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.2
125 12.4 7.4 11.0

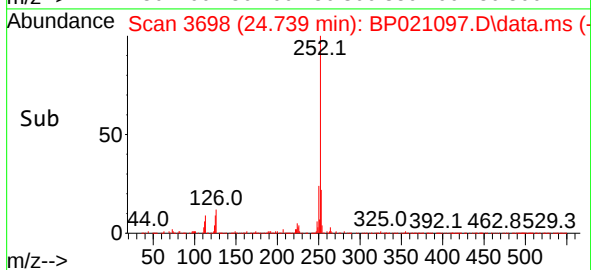
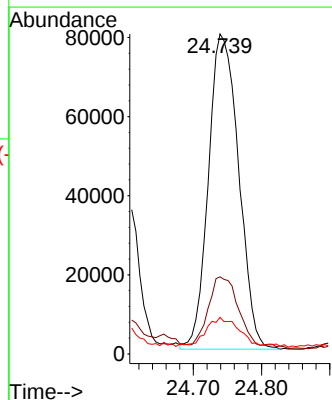
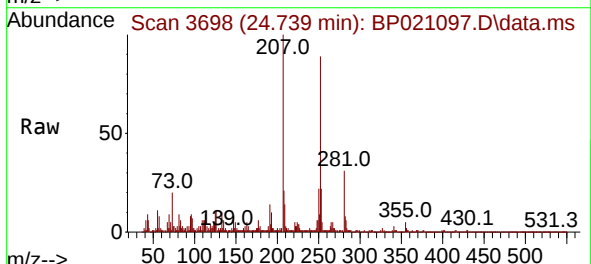
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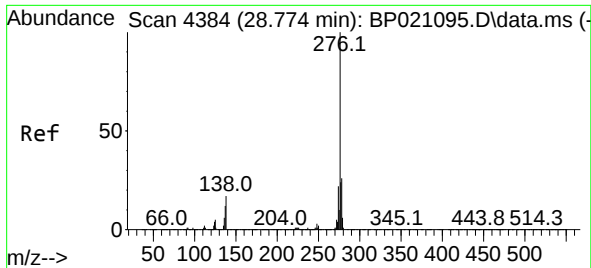
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#93
Benzo(a)pyrene
Concen: 3.133 ng/ul
RT: 24.739 min Scan# 3698
Delta R.T. -0.006 min
Lab File: BP021097.D
Acq: 23 Jul 2024 13:38

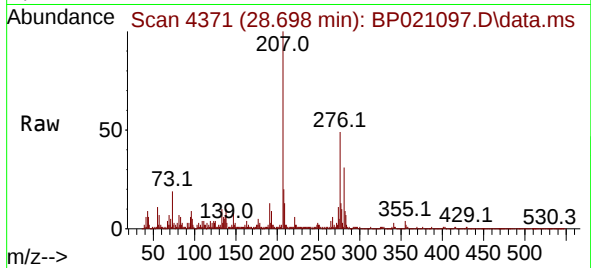
Tgt Ion:252 Resp: 246016
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.0
125 11.4 7.7 11.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.203 ng/ul
RT: 28.698 min Scan# 41
Delta R.T. 0.012 min
Lab File: BP021097.D
Acq: 23 Jul 2024 13:38

Instrument :
BNA_P
ClientSampleId :
A4CG8



Tgt Ion: 276 Resp: 22297
Ion Ratio Lower Upper
276 100
138 20.2 14.3 21.5
277 27.3 19.2 28.8

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