

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
 Data File : BP021039.D
 Acq On : 18 Jul 2024 07:13
 Operator : MA/JU
 Sample : P3215-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CJ4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 18 07:49:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 06:57:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	210135	20.000	ng/u1	0.01
20) Naphthalene-d8	10.469	136	906783	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.322	164	603246	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.145	188	1217636	20.000	ng/u1	0.02
79) Chrysene-d12	21.592	240	1113048	20.000	ng/u1	0.03
88) Perylene-d12	24.921	264	1319403	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	15032	3.255	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.928	99	376585	21.982	ng/u1	0.04
9) Bis-(2-Chloroethyl)eth...	7.052	67	221281	21.313	ng/u1	0.02
11) 2-Chlorophenol-d4	7.258	132	317756	22.512	ng/u1	0.02
15) 4-Methylphenol-d8	8.434	113	291123	20.460	ng/u1	0.04
21) Nitrobenzene-d5	8.852	128	162690	23.099	ng/u1	0.02
24) 2-Nitrophenol-d4	9.563	143	189128	23.461	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.128	165	344345	23.623	ng/u1	0.05
31) 4-Chloroaniline-d4	10.616	131	256868	13.302	ng/u1	0.02
46) Dimethylphthalate-d6	13.728	166	1102012	25.130	ng/u1	0.01
49) Acenaphthylene-d8	14.010	160	1243612	25.256	ng/u1	0.01
54) 4-Nitrophenol-d4	14.640	143	120252m	19.273	ng/u1	0.06
60) Fluorene-d10	15.334	176	935439	26.001	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.504	200	51505	6.991	ng/u1	0.04
73) Anthracene-d10	17.240	188	1435161	26.537	ng/u1	0.01
81) Pyrene-d10	19.628	212	1439982	20.926	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.698	264	1231205	18.920	ng/u1	0.06
Target Compounds						
					Qvalue	
52) Acenaphthene	14.387	153	55827	1.509	ng/u1	96
61) Fluorene	15.393	166	70956	1.716	ng/u1	99
72) Phenanthrene	17.187	178	1309419	20.730	ng/u1	99
74) Anthracene	17.269	178	257506	3.999	ng/u1	97
77) Carbazole	17.581	167	102374	1.945	ng/u1	95
78) Di-n-butylphthalate	18.134	149	76578	1.054	ng/u1#	94
80) Fluoranthene	19.281	202	2109301	25.382	ng/u1	98
82) Pyrene	19.657	202	1611838	19.061	ng/u1	98
83) Butylbenzylphthalate	20.598	149	78406	2.225	ng/u1	87
85) Benzo(a)anthracene	21.569	228	1022834	13.118	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.486	149	472411	9.317	ng/u1#	99
87) Chrysene	21.639	228	1074012	14.824	ng/u1	97
90) Benzo(b)fluoranthene	23.874	252	1361704	17.007	ng/u1#	95
91) Benzo(k)fluoranthene	23.933	252	462796m	5.792	ng/u1	
93) Benzo(a)pyrene	24.769	252	566896	7.492	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	28.715	276	502677	5.156	ng/u1	96
95) Dibenzo(a,h)anthracene	28.768	278	188552m	2.335	ng/u1	

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

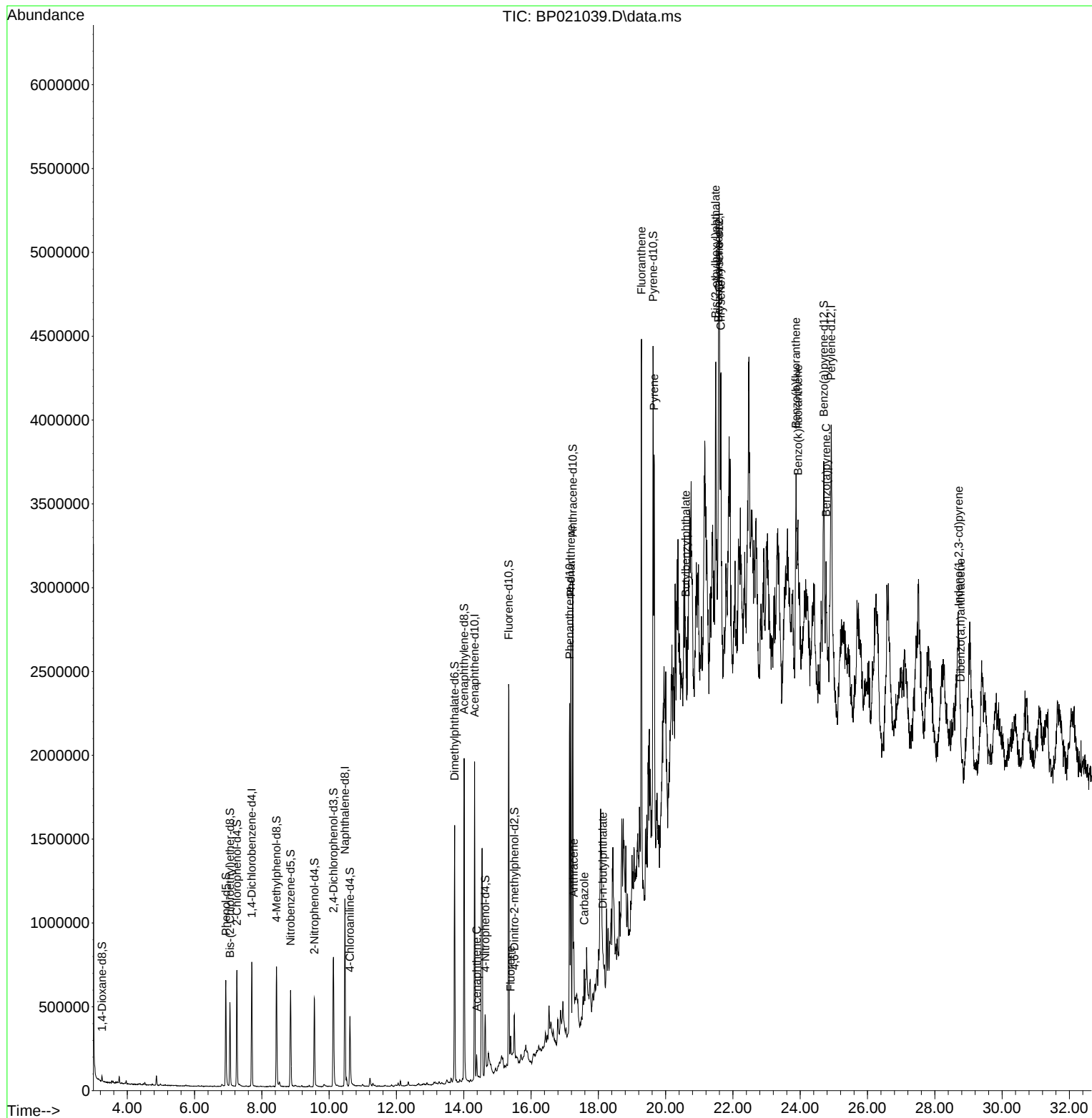
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
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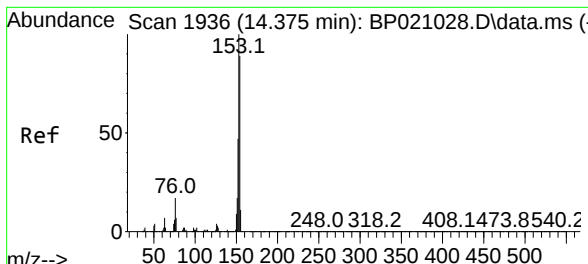
Instrument :
BNA_P
ClientSampleId :
A4CJ4

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 06:57:29 2024
Response via : Initial Calibration



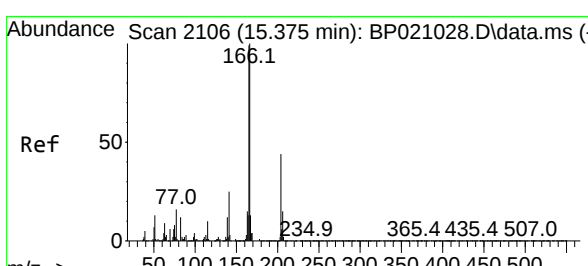
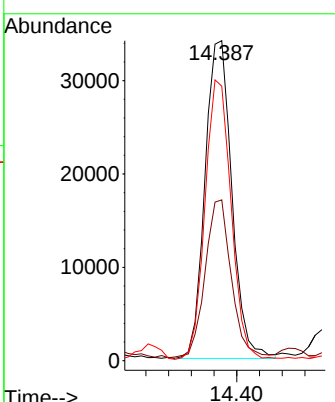
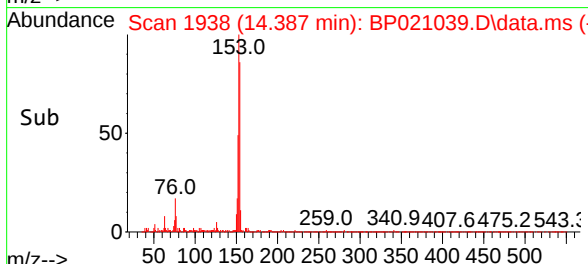
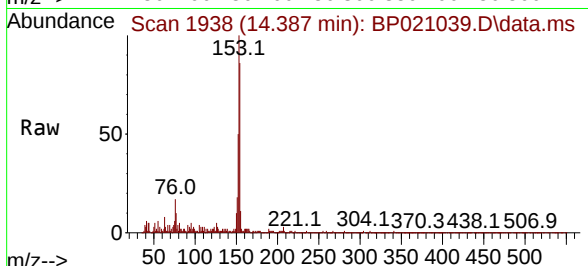


#52
 Acenaphthene
 Concen: 1.509 ng/ul
 RT: 14.387 min Scan# 1938
 Delta R.T. 0.012 min
 Lab File: BP021039.D
 Acq: 18 Jul 2024 07:13

Instrument : BNA_P
 ClientSampleId : A4CJ4

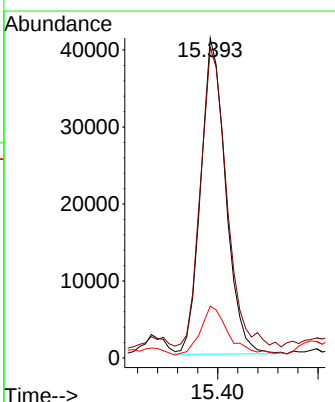
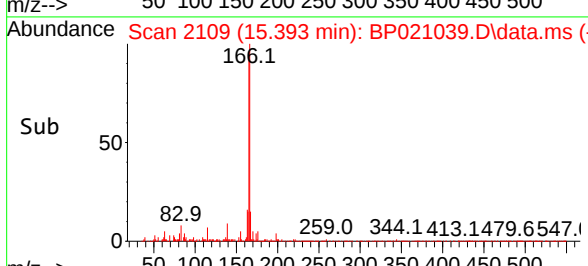
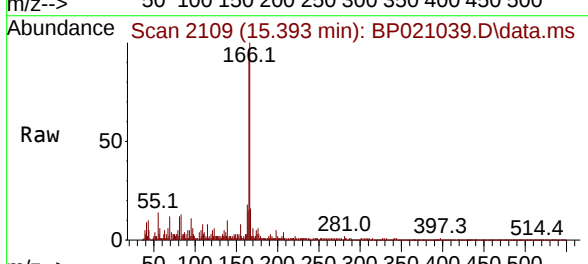
Tgt Ion:	153	Resp:	5582
Ion Ratio	Lower	Upper	
153	100		
152	50.2	37.8	56.6
154	85.8	71.8	107.6

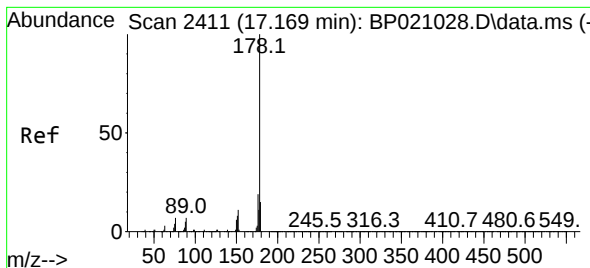
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 Reviewed By :Jagrut Upadhyay 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



#61
 Fluorene
 Concen: 1.716 ng/ul
 RT: 15.393 min Scan# 2109
 Delta R.T. 0.018 min
 Lab File: BP021039.D
 Acq: 18 Jul 2024 07:13

Tgt Ion:	166	Resp:	70956
Ion Ratio	Lower	Upper	
166	100		
165	97.0	78.1	117.1
167	16.2	10.9	16.3





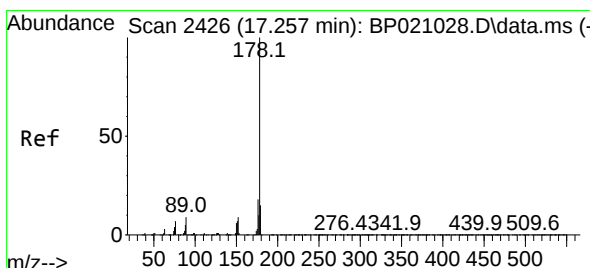
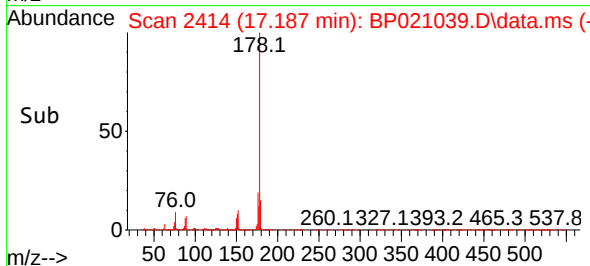
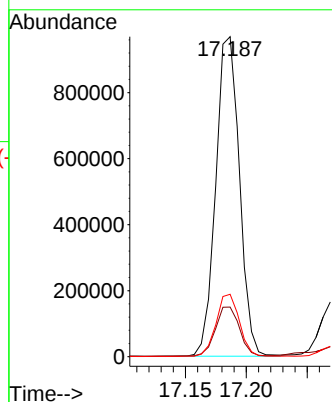
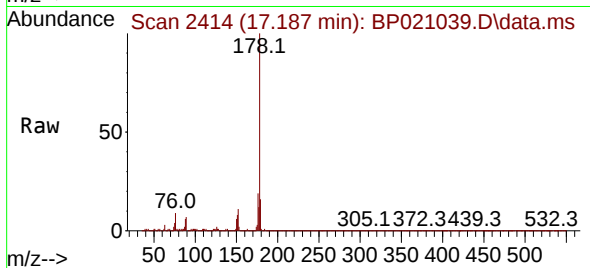
#72
Phenanthrene
Concen: 20.730 ng/ul
RT: 17.187 min Scan# 2411
Delta R.T. 0.018 min
Lab File: BP021039.D
Acq: 18 Jul 2024 07:13

Instrument :
BNA_P
ClientSampleId :
A4CJ4

Tgt Ion:178 Resp: 1309419
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 19.5 15.0 22.4

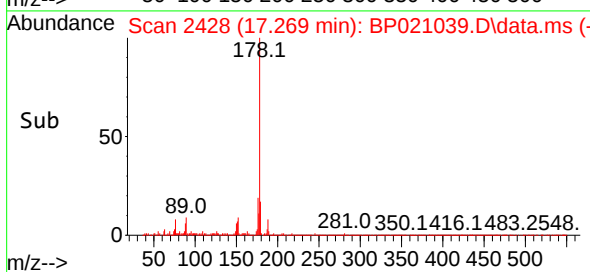
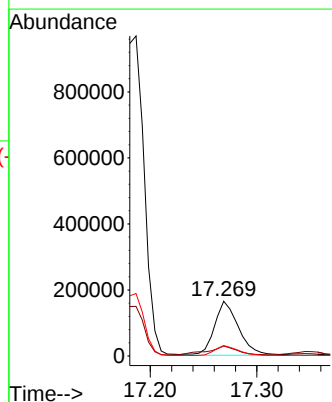
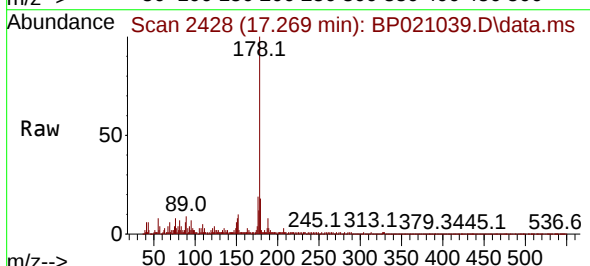
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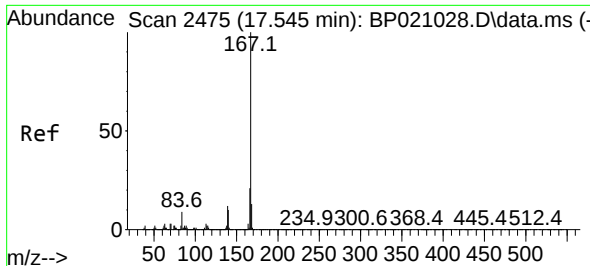
Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#74
Anthracene
Concen: 3.999 ng/ul
RT: 17.269 min Scan# 2428
Delta R.T. 0.012 min
Lab File: BP021039.D
Acq: 18 Jul 2024 07:13

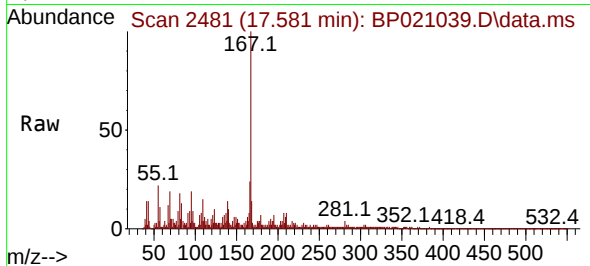
Tgt Ion:178 Resp: 257506
Ion Ratio Lower Upper
178 100
179 18.0 12.5 18.7
176 19.0 14.8 22.2





#77
 Carbazole
 Concen: 1.945 ng/ul
 RT: 17.581 min Scan# 2475
 Delta R.T. 0.035 min
 Lab File: BP021039.D
 Acq: 18 Jul 2024 07:13

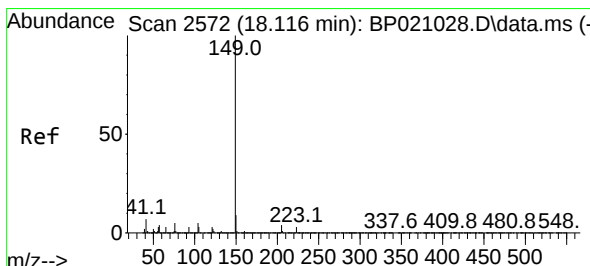
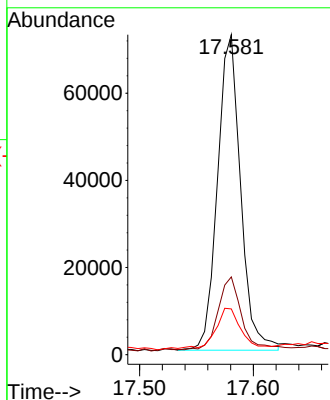
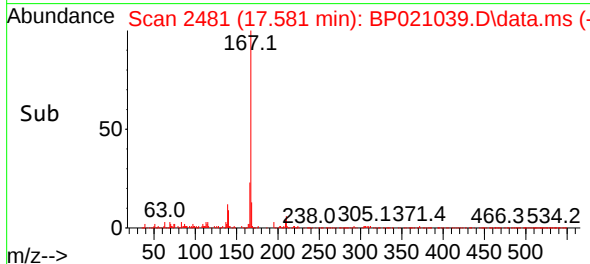
Instrument :
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 ClientSampleId :
 A4CJ4



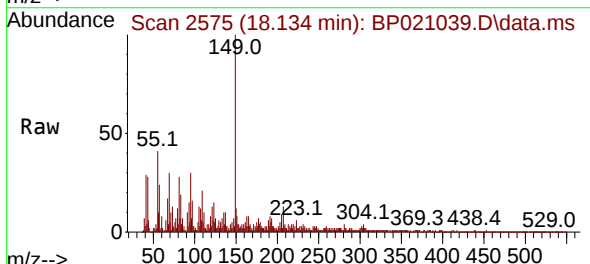
Tgt Ion:167 Resp: 102374
 Ion Ratio Lower Upper
 167 100
 166 24.3 17.3 25.9
 139 14.3 10.2 15.2

Manual Integrations
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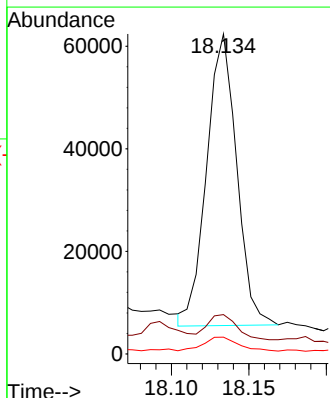
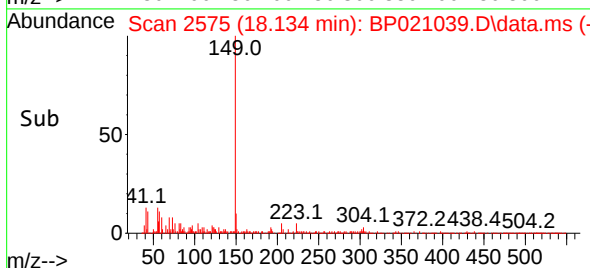
Reviewed By :Jagrut Upadhyay 07/18/2024
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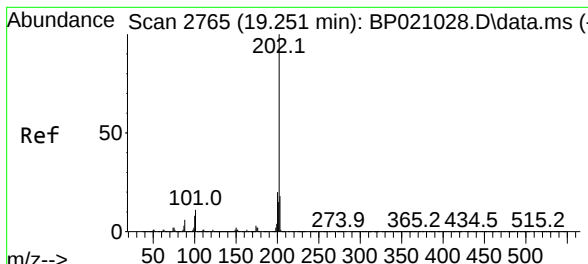


#78
 Di-n-butylphthalate
 Concen: 1.054 ng/ul
 RT: 18.134 min Scan# 2575
 Delta R.T. 0.018 min
 Lab File: BP021039.D
 Acq: 18 Jul 2024 07:13



Tgt Ion:149 Resp: 76578
 Ion Ratio Lower Upper
 149 100
 150 12.3 7.4 11.0#
 104 5.3 3.9 5.9





#80
 Fluoranthene
 Concen: 25.382 ng/ul
 RT: 19.281 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: BP021039.D
 Acq: 18 Jul 2024 07:13

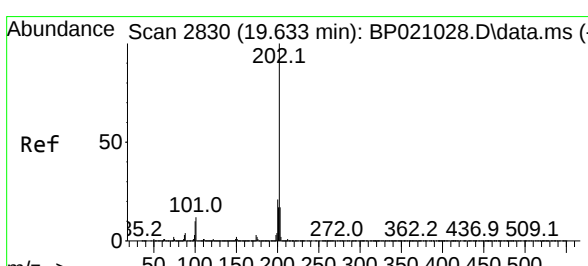
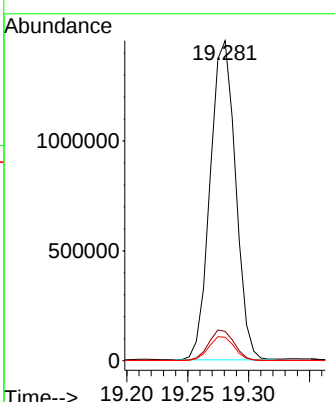
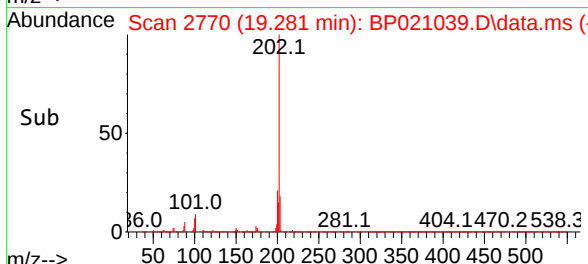
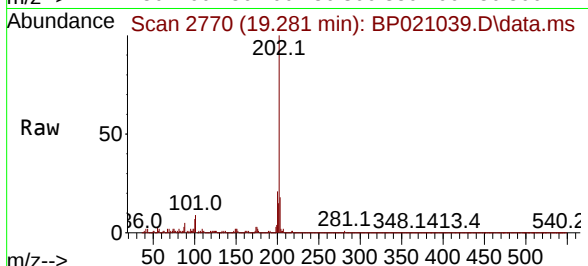
Instrument :
 BNA_P
 ClientSampleId :
 A4CJ4

Tgt Ion:202 Resp: 210930

Ion	Ratio	Lower	Upper
202	100		
101	9.2	8.0	12.0
100	7.3	6.1	9.1

Manual Integrations
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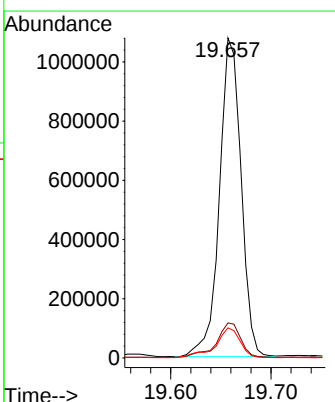
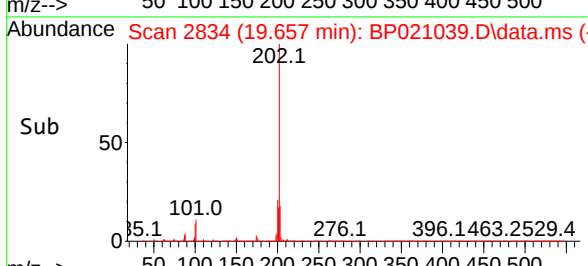
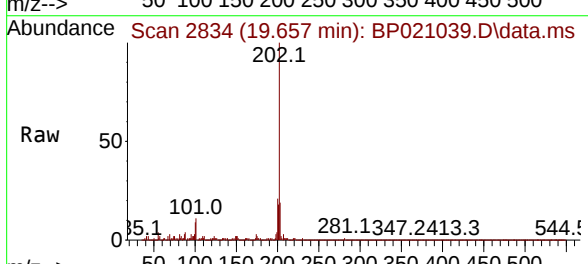
Reviewed By :Jagrut Upadhyay 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

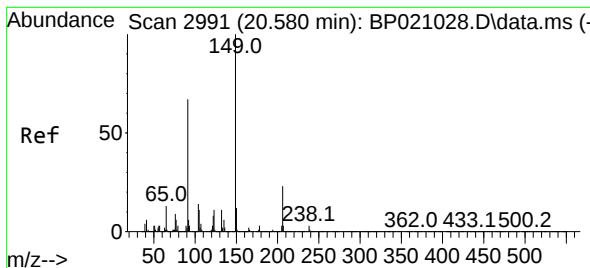


#82
 Pyrene
 Concen: 19.061 ng/ul
 RT: 19.657 min Scan# 2834
 Delta R.T. 0.024 min
 Lab File: BP021039.D
 Acq: 18 Jul 2024 07:13

Tgt Ion:202 Resp: 1611838

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.4	14.2
100	9.4	7.8	11.6





#83

Butylbenzylphthalate

Concen: 2.225 ng/ul

RT: 20.598 min Scan# 2994

Delta R.T. 0.018 min

Lab File: BP021039.D

Acq: 18 Jul 2024 07:13

Instrument :

BNA_P

ClientSampleId :

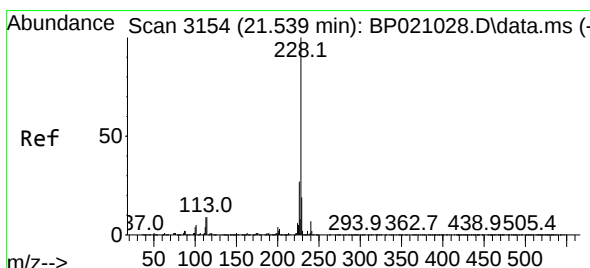
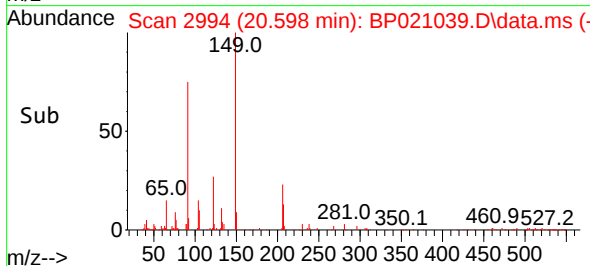
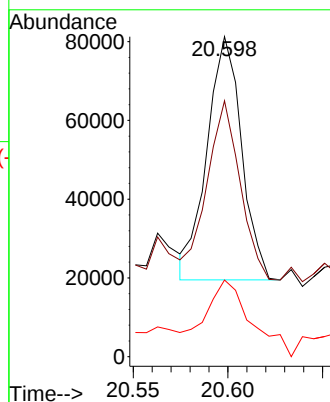
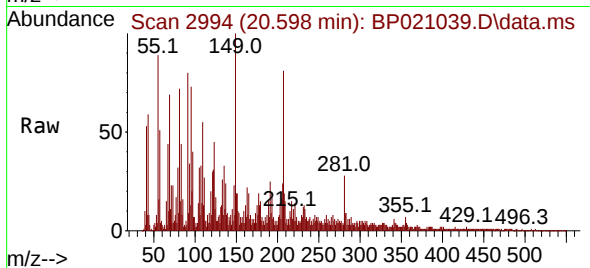
A4CJ4

Tgt Ion:	149	Resp:	78400
Ion Ratio	Lower	Upper	
149	100		
91	80.0	54.1	81.1
206	23.9	17.0	25.6

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 13.118 ng/ul

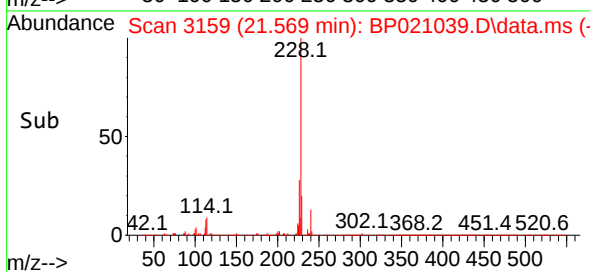
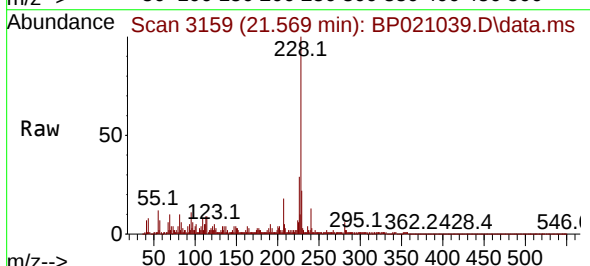
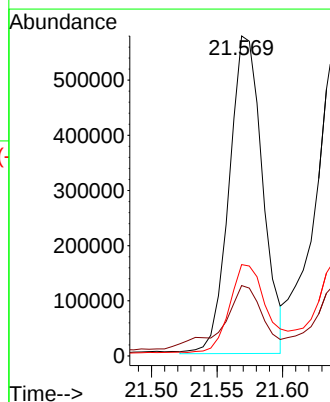
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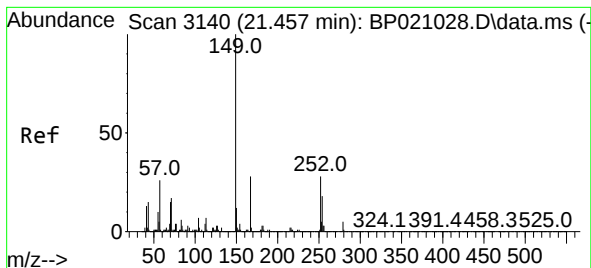
Delta R.T. 0.029 min

Lab File: BP021039.D

Acq: 18 Jul 2024 07:13

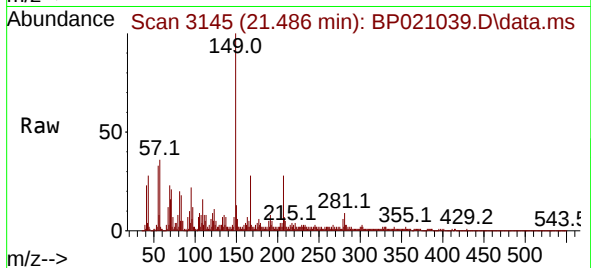
Tgt Ion:	228	Resp:	1022834
Ion Ratio	Lower	Upper	
228	100		
229	22.0	15.5	23.3
226	28.5	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 9.317 ng/ul
RT: 21.486 min Scan# 3145
Delta R.T. 0.029 min
Lab File: BP021039.D
Acq: 18 Jul 2024 07:13

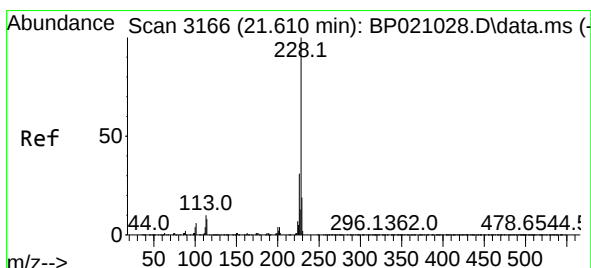
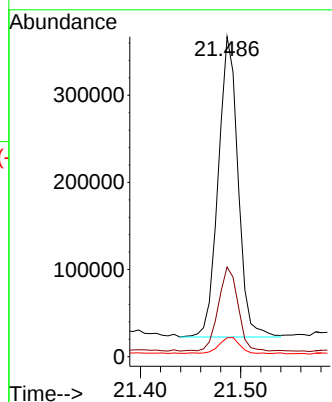
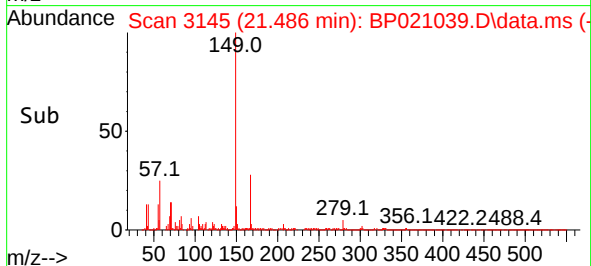
Instrument :
BNA_P
ClientSampleId :
A4CJ4



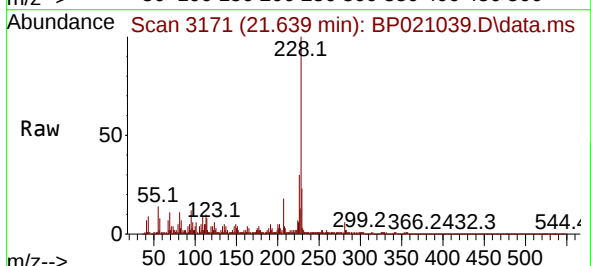
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Ion Ratio Lower Upper
149 100
167 28.1 22.1 33.1
279 5.9 3.7 5.5

Manual Integrations
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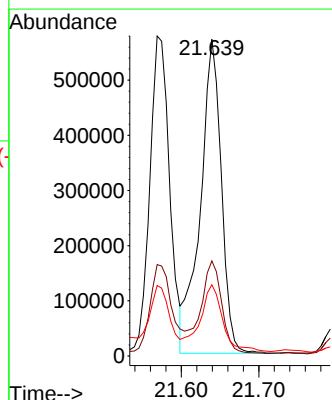
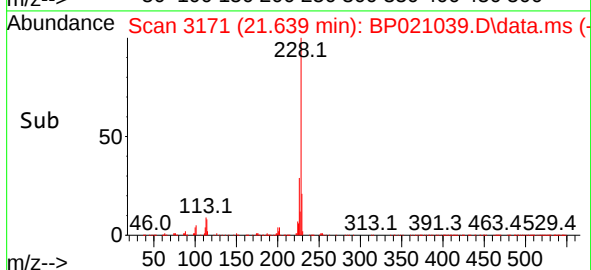
Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

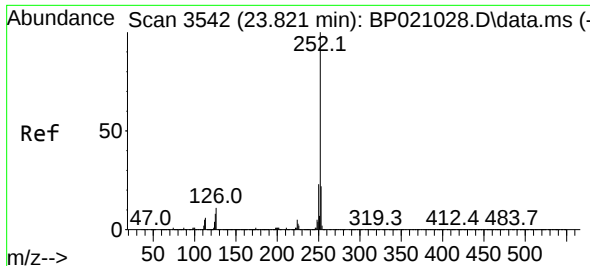


#87
Chrysene
Concen: 14.824 ng/ul
RT: 21.639 min Scan# 3171
Delta R.T. 0.029 min
Lab File: BP021039.D
Acq: 18 Jul 2024 07:13



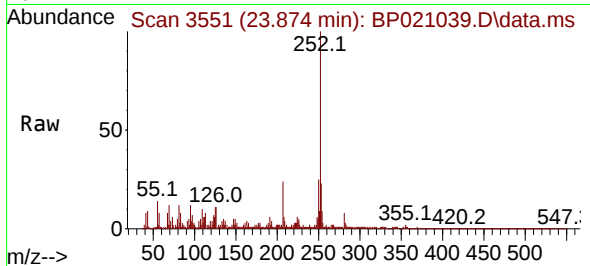
Tgt Ion:228 Resp: 1074012
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 22.5 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 17.007 ng/ul
RT: 23.874 min Scan# 3551
Delta R.T. 0.053 min
Lab File: BP021039.D
Acq: 18 Jul 2024 07:13

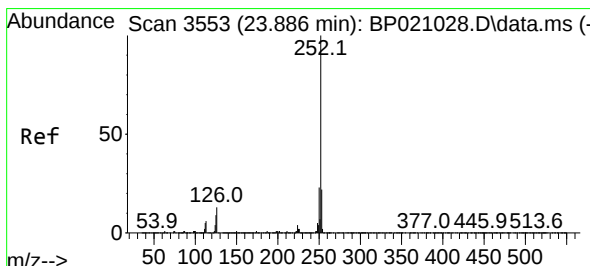
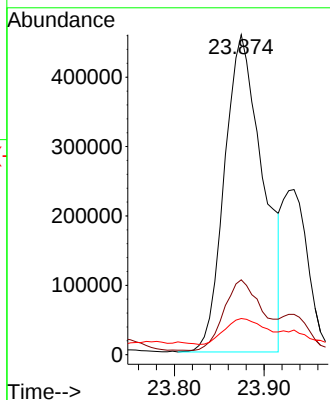
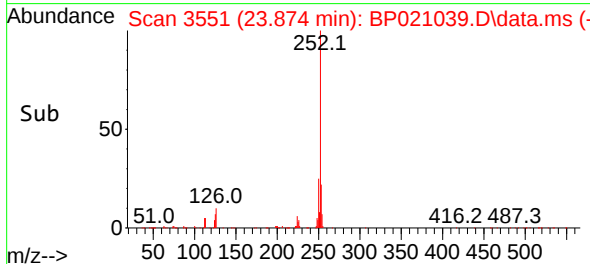
Instrument :
BNA_P
ClientSampleId :
A4CJ4



Tgt Ion:252 Resp: 1361704
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 11.3 7.0 10.4

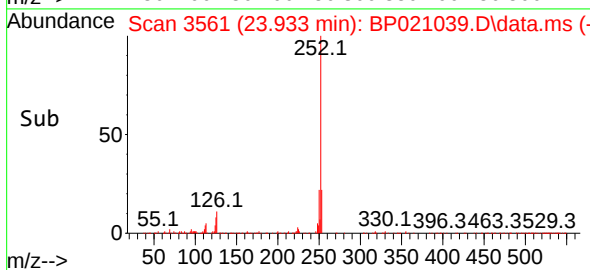
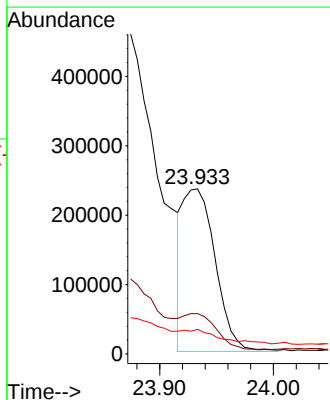
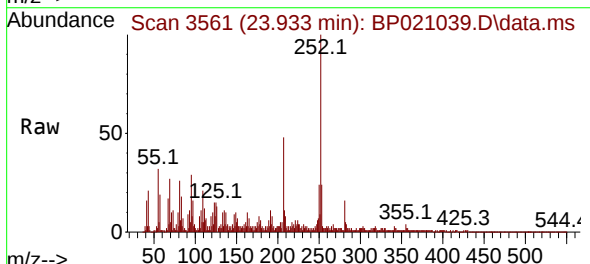
Manual Integrations
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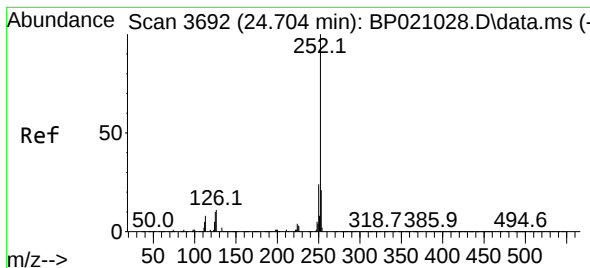
Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#91
Benzo(k)fluoranthene
Concen: 5.792 ng/ul m
RT: 23.933 min Scan# 3561
Delta R.T. 0.047 min
Lab File: BP021039.D
Acq: 18 Jul 2024 07:13

Tgt Ion:252 Resp: 462796
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.2
125 14.9 7.4 11.0





#93

Benzo(a)pyrene

Concen: 7.492 ng/ul

RT: 24.769 min Scan# 31

Delta R.T. 0.065 min

Lab File: BP021039.D

Acq: 18 Jul 2024 07:13

Instrument :

BNA_P

ClientSampleId :

A4CJ4

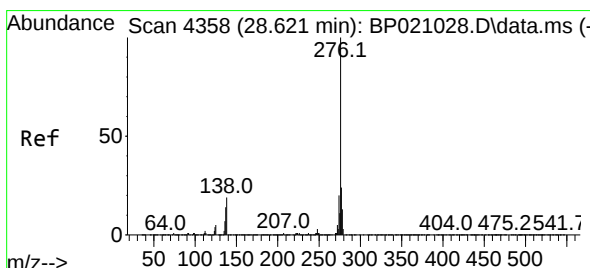
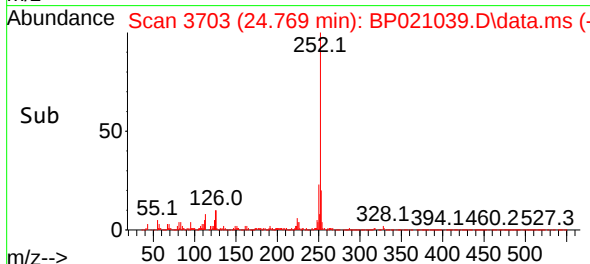
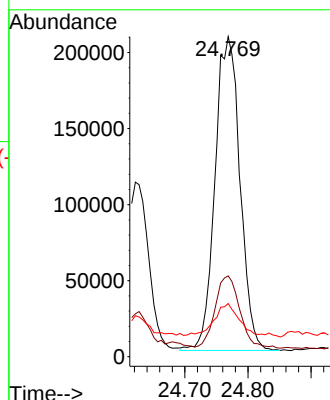
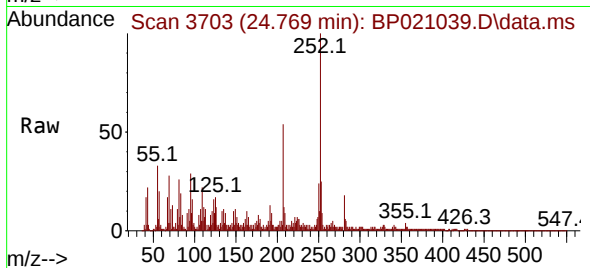
Tgt Ion:252 Resp: 566890

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.4	26.0
125	16.6	7.7	11.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.156 ng/ul

RT: 28.715 min Scan# 4374

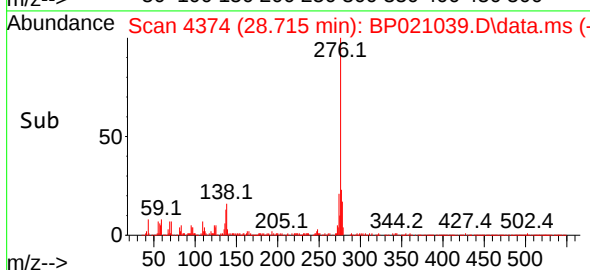
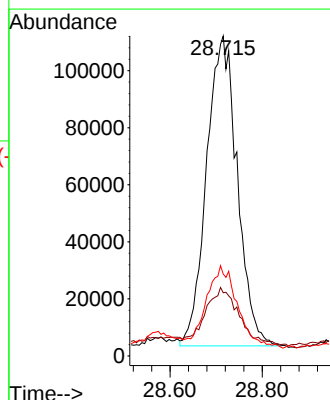
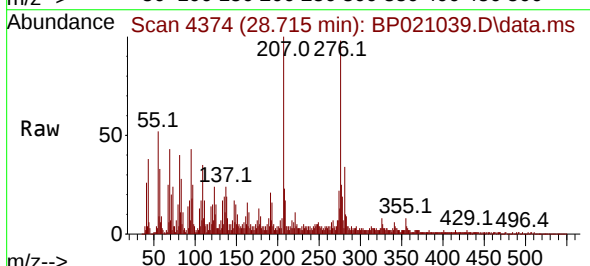
Delta R.T. 0.094 min

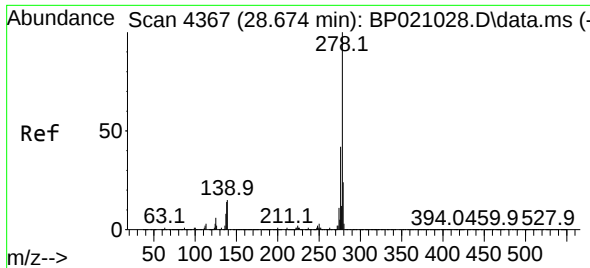
Lab File: BP021039.D

Acq: 18 Jul 2024 07:13

Tgt Ion:276 Resp: 502677

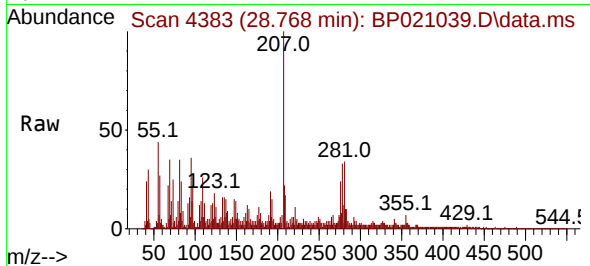
Ion	Ratio	Lower	Upper
276	100		
138	19.8	14.3	21.5
277	25.6	19.2	28.8





#95
 Dibenzo(a,h)anthracene
 Concen: 2.335 ng/ul m
 RT: 28.768 min Scan# 4367
 Delta R.T. 0.094 min
 Lab File: BP021039.D
 Acq: 18 Jul 2024 07:13

Instrument :
 BNA_P
 ClientSampleId :
 A4CJ4



Tgt Ion:278 Resp: 188552
 Ion Ratio Lower Upper
 278 100
 139 27.5 10.9 16.3
 279 37.9 19.4 29.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

