

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021098.D
 Acq On : 23 Jul 2024 14:21
 Operator : MA/JU
 Sample : P3238-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BF3

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 00:34:51 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	143242	20.000	ng/u1	0.01
20) Naphthalene-d8	10.434	136	590426	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	384906	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	849625	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	852909	20.000	ng/u1	0.00
88) Perylene-d12	24.910	264	1040168	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	9486	3.014	ng/uL	0.00
4) Pyridine-d5	3.622	84	14141	1.552	ng/u1	0.01
7) Phenol-d5	6.875	99	214938	18.405	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	121837	17.215	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	175218	18.211	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	165690	17.083	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	82053	17.892	ng/u1	0.00
24) 2-Nitrophenol-d4	9.540	143	96152	18.319	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	175202	18.460	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	144238	11.472	ng/u1	0.02
46) Dimethylphthalate-d6	13.722	166	566012	20.229	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	634609	20.199	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	71639m	17.995	ng/u1	0.02
60) Fluorene-d10	15.328	176	500438	21.801	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	73569	14.311	ng/u1	0.00
73) Anthracene-d10	17.228	188	748515	19.835	ng/u1	0.00
81) Pyrene-d10	19.616	212	875113	16.596	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.680	264	754022	14.698	ng/u1	0.00
Target Compounds					Qvalue	
52) Acenaphthene	14.375	153	27361	1.159	ng/u1	92
61) Fluorene	15.387	166	31447	1.192	ng/u1	98
72) Phenanthrene	17.175	178	753405	17.094	ng/u1	100
74) Anthracene	17.263	178	111165	2.474	ng/u1	98
77) Carbazole	17.569	167	62758	1.709	ng/u1	99
80) Fluoranthene	19.263	202	1412677	22.184	ng/u1	100
82) Pyrene	19.645	202	1042139	16.082	ng/u1	99
83) Butylbenzylphthalate	20.586	149	47690	1.766	ng/u1	97
85) Benzo(a)anthracene	21.557	228	602721	10.088	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	114186	2.939	ng/u1	99
87) Chrysene	21.622	228	680017	12.249	ng/u1	97
90) Benzo(b)fluoranthene	23.857	252	894882	14.177	ng/u1	97
91) Benzo(k)fluoranthene	23.921	252	295033	4.683	ng/u1	96
93) Benzo(a)pyrene	24.751	252	340629	5.711	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	28.692	276	328814	4.278	ng/u1	98
95) Dibenzo(a,h)anthracene	28.733	278	113407	1.782	ng/u1#	93

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

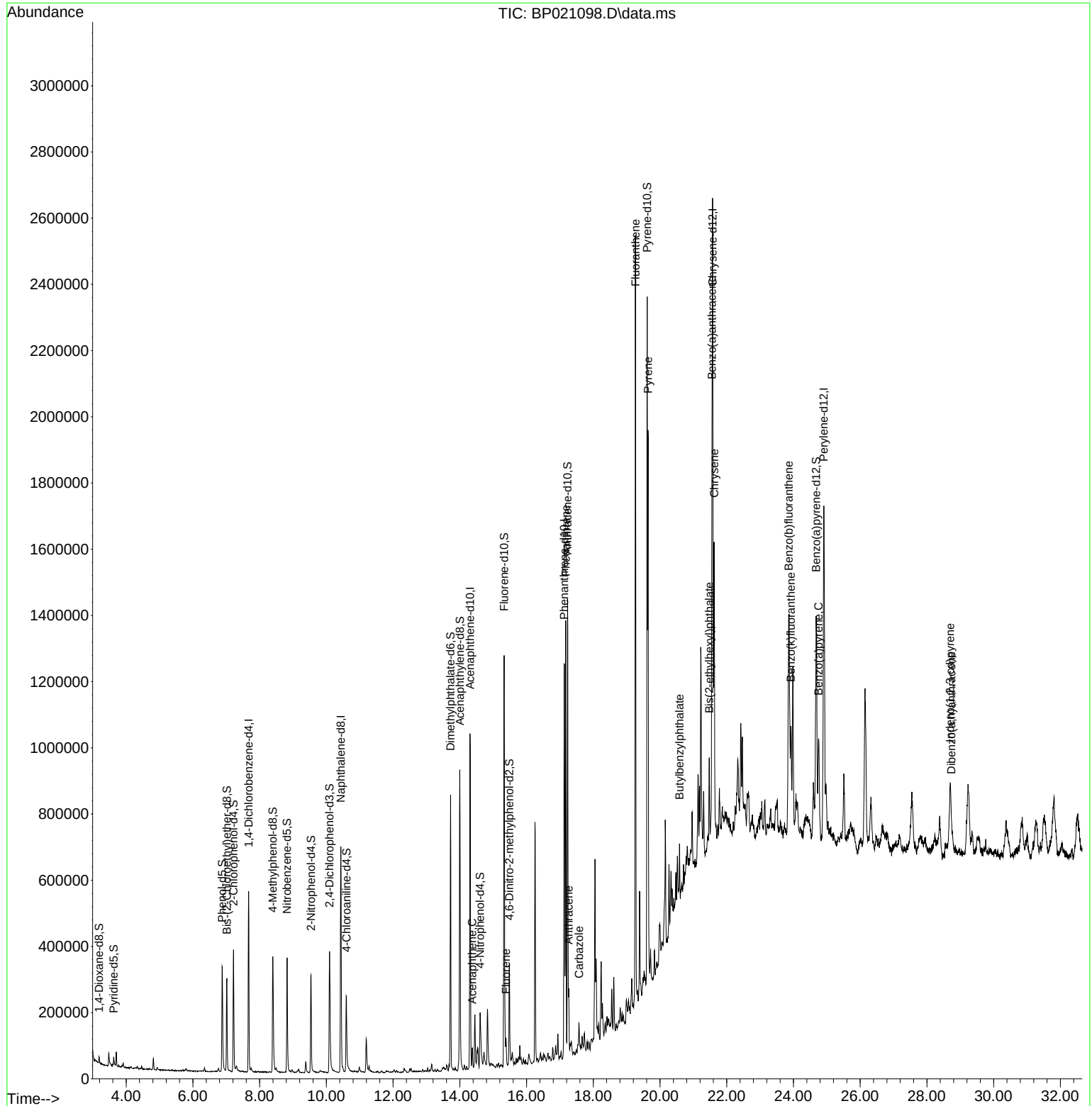
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021098.D
Acq On : 23 Jul 2024 14:21
Operator : MA/JU
Sample : P3238-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

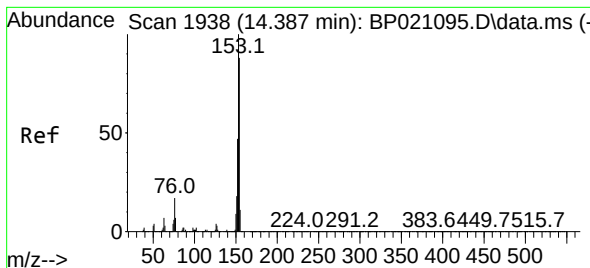
Instrument :
BNA_P
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A4BF3

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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





#52

Acenaphthene

Concen: 1.159 ng/ul

RT: 14.375 min Scan# 1936

Delta R.T. -0.000 min

Lab File: BP021098.D

Acq: 23 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

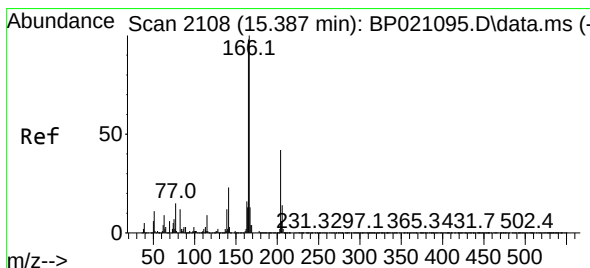
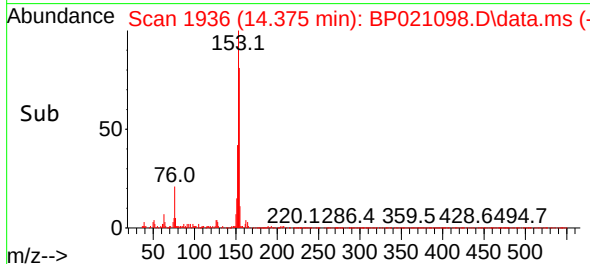
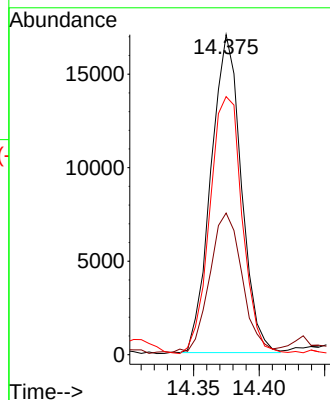
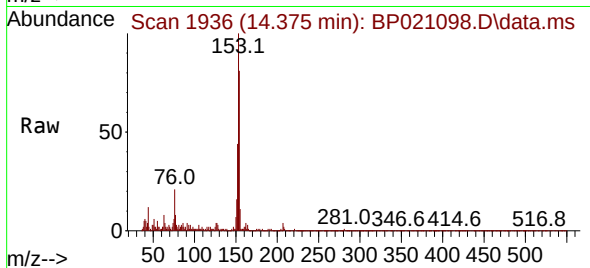
A4BF3

Tgt Ion:	153	Resp:	2736
Ion Ratio	Lower	Upper	
153	100		
152	44.2	37.8	56.6
154	80.6	71.8	107.6

Manual Integrations

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#61

Fluorene

Concen: 1.192 ng/ul

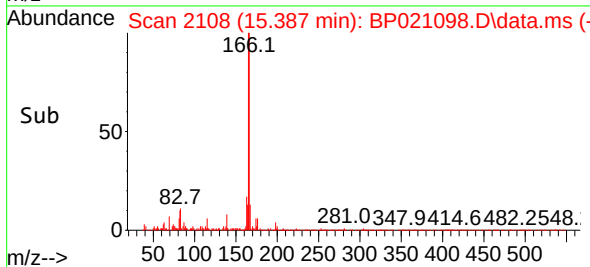
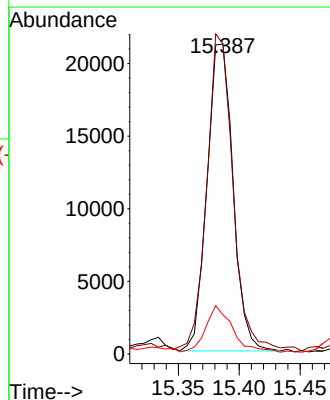
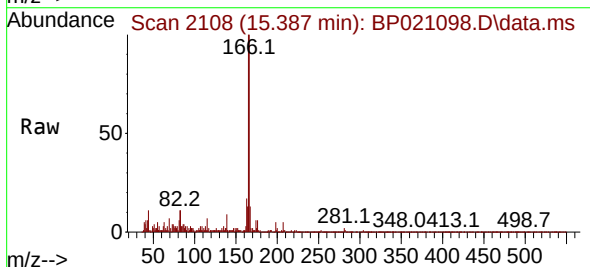
RT: 15.387 min Scan# 2108

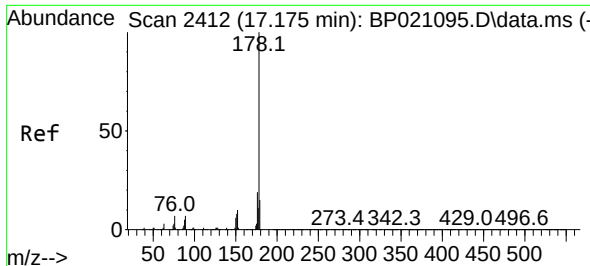
Delta R.T. 0.006 min

Lab File: BP021098.D

Acq: 23 Jul 2024 14:21

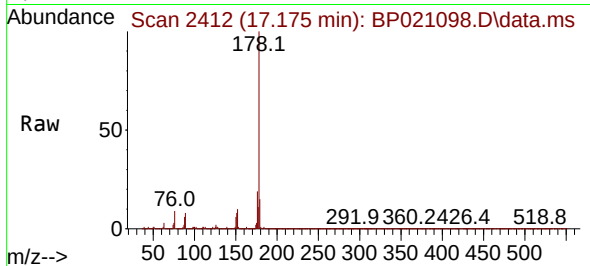
Tgt Ion:	166	Resp:	31447
Ion Ratio	Lower	Upper	
166	100		
165	100.0	78.1	117.1
167	12.6	10.9	16.3





#72
Phenanthrene
Concen: 17.094 ng/ul
RT: 17.175 min Scan# 2412
Delta R.T. 0.006 min
Lab File: BP021098.D
Acq: 23 Jul 2024 14:21

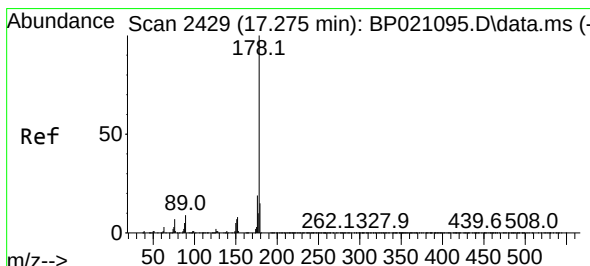
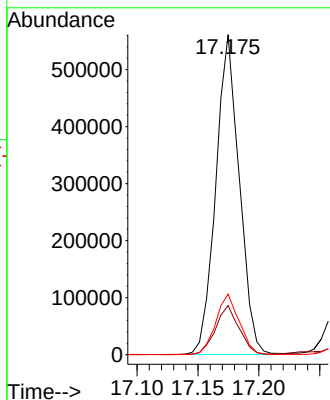
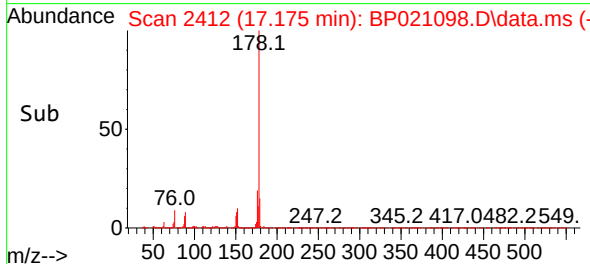
Instrument :
BNA_P
ClientSampleId :
A4BF3



Tgt Ion:178 Resp: 753405
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.0 15.0 22.4

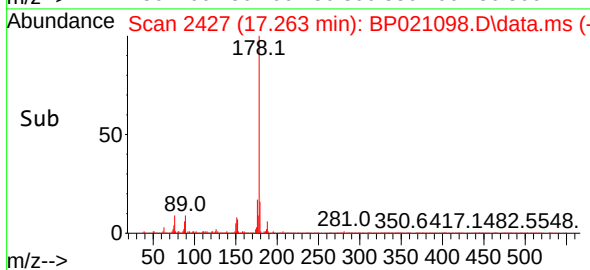
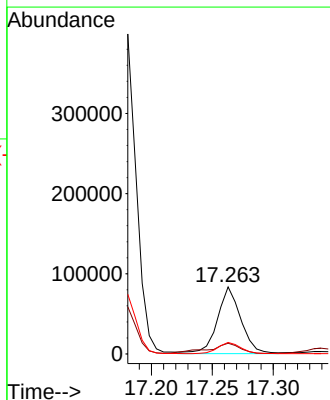
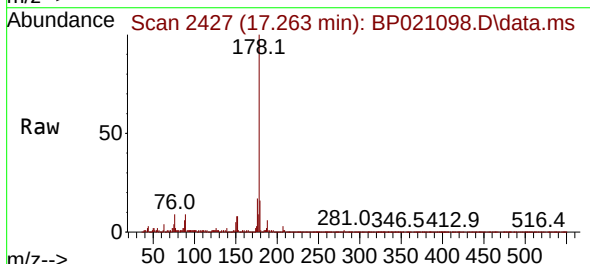
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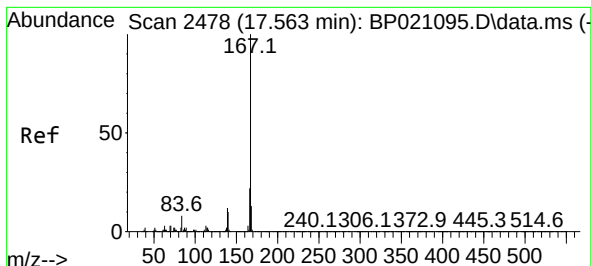
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#74
Anthracene
Concen: 2.474 ng/ul
RT: 17.263 min Scan# 2427
Delta R.T. 0.006 min
Lab File: BP021098.D
Acq: 23 Jul 2024 14:21

Tgt Ion:178 Resp: 111165
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 17.2 14.8 22.2





#77

Carbazole

Concen: 1.709 ng/ul

RT: 17.569 min Scan# 2478

Delta R.T. 0.006 min

Lab File: BP021098.D

Acq: 23 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

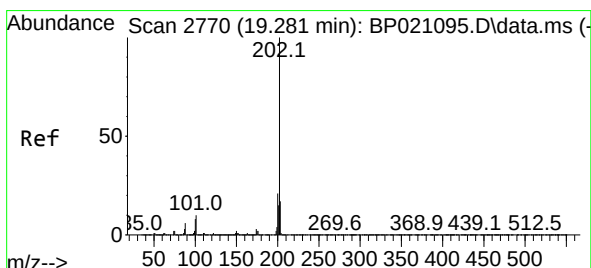
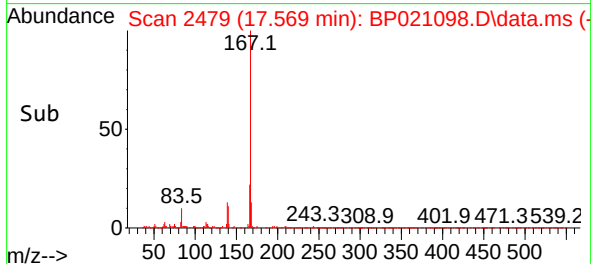
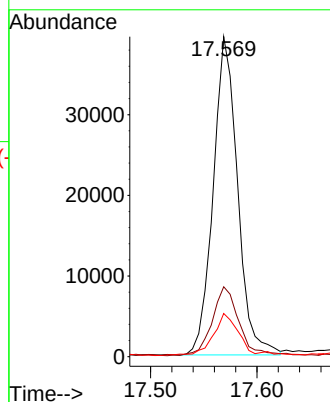
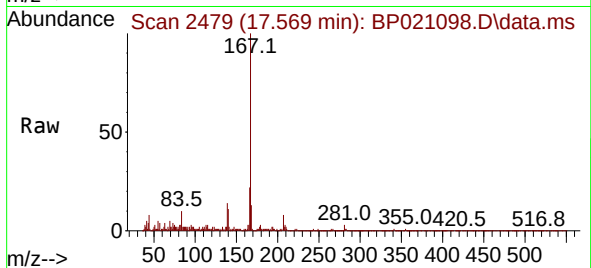
A4BF3

Tgt Ion:	167	Resp:	62758
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.3	25.9
139	13.5	10.2	15.2

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Supervised By :mohammad ahmed 07/25/2024



#80

Fluoranthene

Concen: 22.184 ng/ul

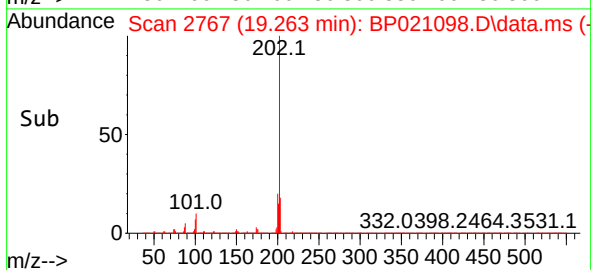
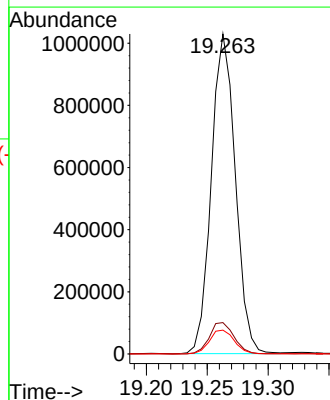
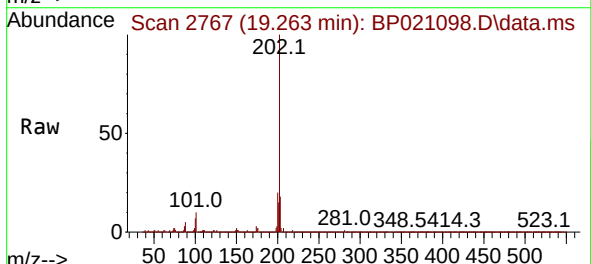
RT: 19.263 min Scan# 2767

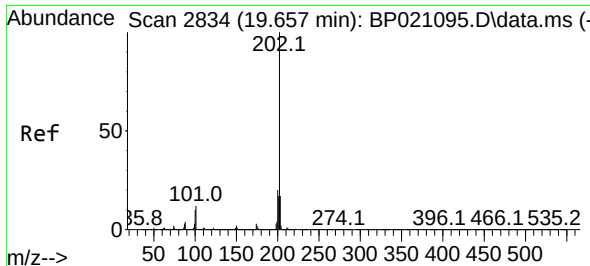
Delta R.T. -0.000 min

Lab File: BP021098.D

Acq: 23 Jul 2024 14:21

Tgt Ion:	202	Resp:	1412677
Ion Ratio	Lower	Upper	
202	100		
101	9.8	8.0	12.0
100	7.5	6.1	9.1





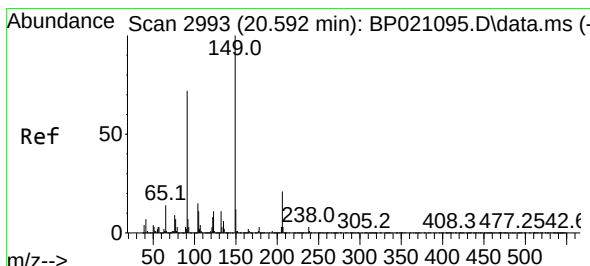
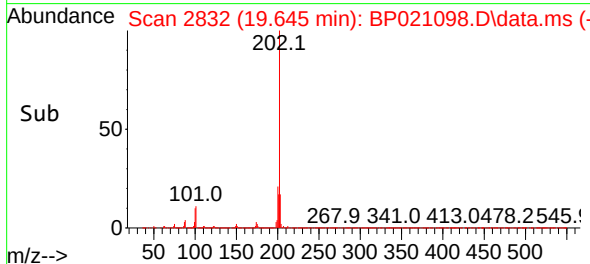
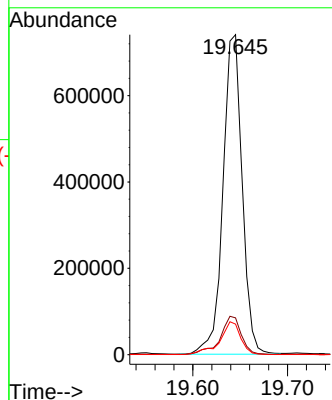
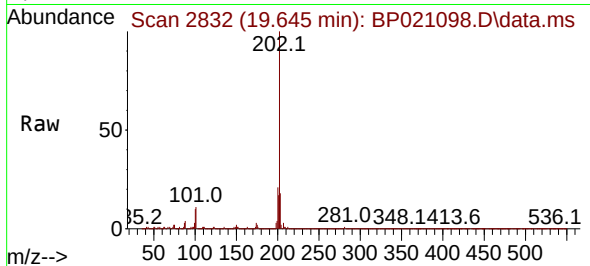
#82
Pyrene
Concen: 16.082 ng/u1
RT: 19.645 min Scan# 2834
Delta R.T. 0.006 min
Lab File: BP021098.D
Acq: 23 Jul 2024 14:21

Instrument :
BNA_P
ClientSampleId :
A4BF3

Tgt Ion:202 Resp: 1042139
Ion Ratio Lower Upper
202 100
101 11.5 9.4 14.2
100 9.6 7.8 11.6

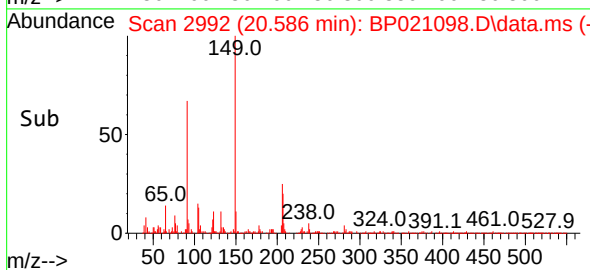
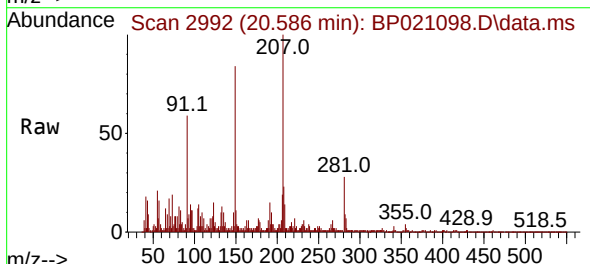
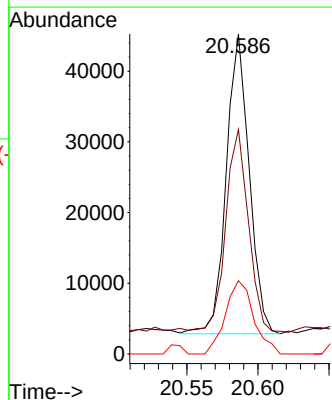
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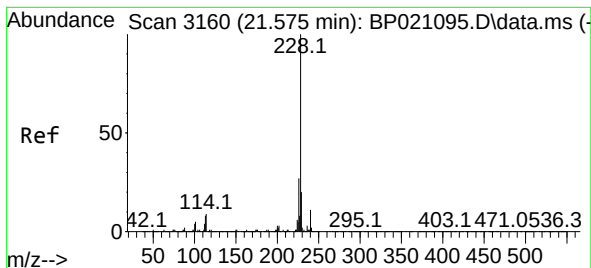
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#83
Butylbenzylphthalate
Concen: 1.766 ng/u1
RT: 20.586 min Scan# 2992
Delta R.T. 0.006 min
Lab File: BP021098.D
Acq: 23 Jul 2024 14:21

Tgt Ion:149 Resp: 47690
Ion Ratio Lower Upper
149 100
91 70.2 54.1 81.1
206 22.9 17.0 25.6





#85

Benzo(a)anthracene

Concen: 10.088 ng/ul

RT: 21.557 min Scan# 3157

Delta R.T. 0.006 min

Lab File: BP021098.D

Acq: 23 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

A4BF3

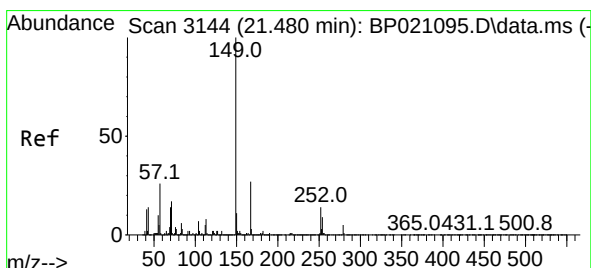
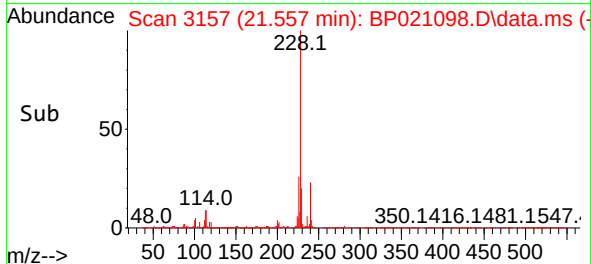
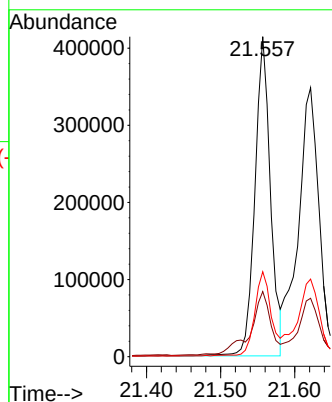
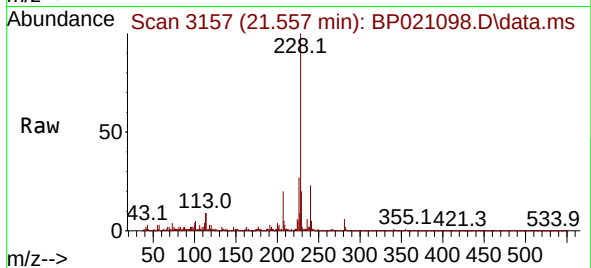
Tgt Ion:228 Resp: 60272

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.5	23.3
226	26.5	21.4	32.2

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 2.939 ng/ul

RT: 21.474 min Scan# 3143

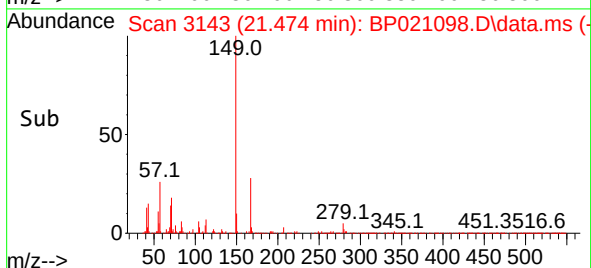
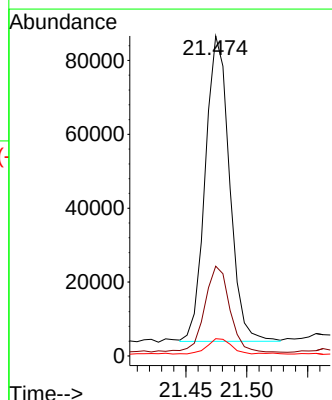
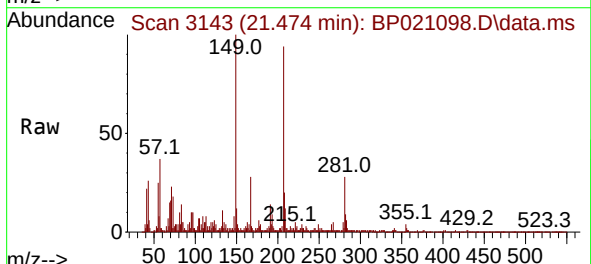
Delta R.T. -0.000 min

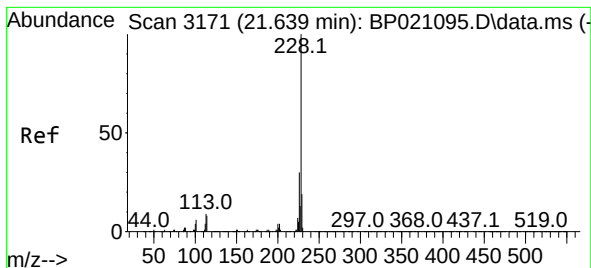
Lab File: BP021098.D

Acq: 23 Jul 2024 14:21

Tgt Ion:149 Resp: 114186

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.1	33.1
279	5.4	3.7	5.5





#87

Chrysene

Concen: 12.249 ng/ul

RT: 21.622 min Scan# 3171

Delta R.T. -0.000 min

Lab File: BP021098.D

Acq: 23 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

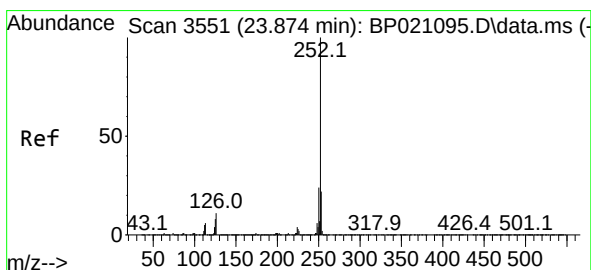
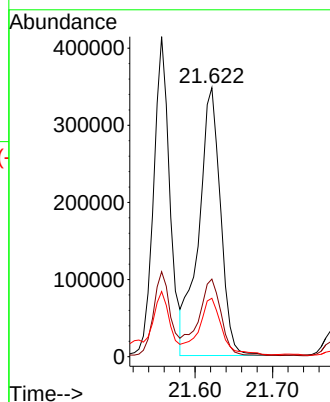
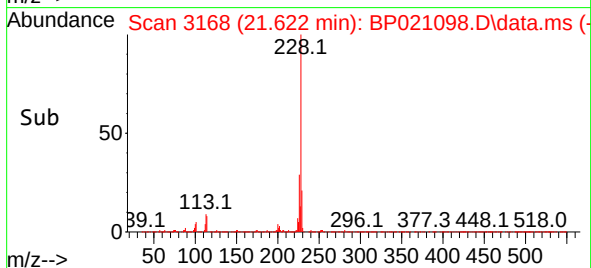
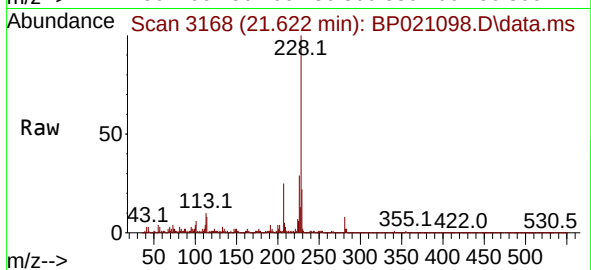
A4BF3

Tgt Ion:228	Resp: 68001
Ion Ratio	Lower Upper
228 100	
226 28.8	23.6 35.4
229 21.7	15.5 23.3

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 14.177 ng/ul

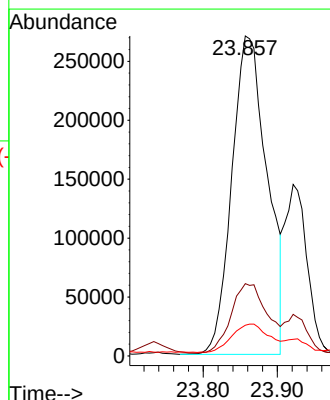
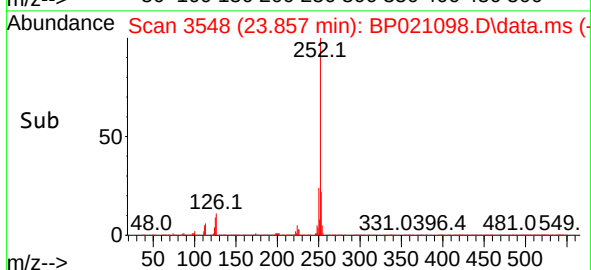
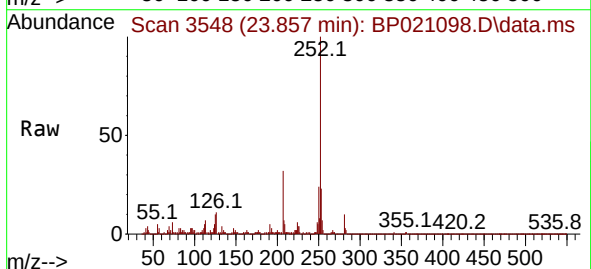
RT: 23.857 min Scan# 3548

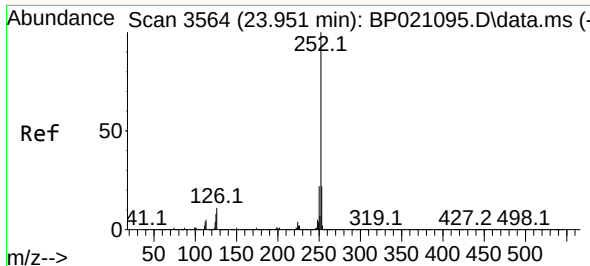
Delta R.T. -0.000 min

Lab File: BP021098.D

Acq: 23 Jul 2024 14:21

Tgt Ion:252	Resp: 894882
Ion Ratio	Lower Upper
252 100	
253 22.6	17.1 25.7
125 9.6	7.0 10.4





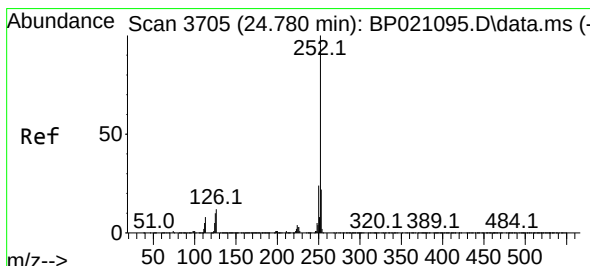
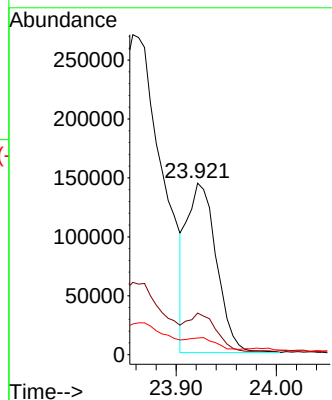
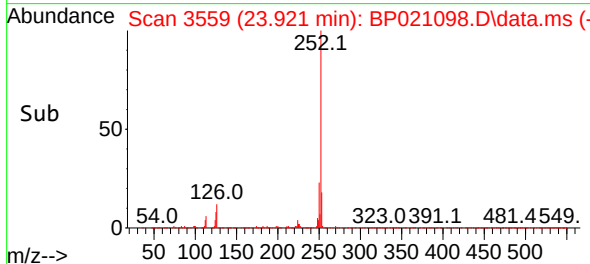
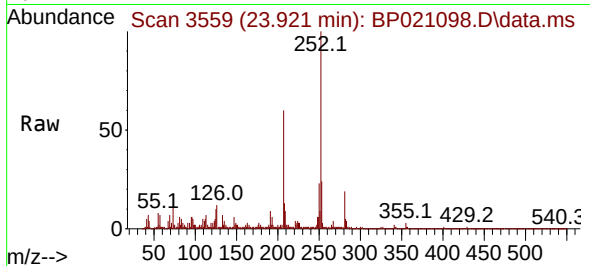
#91
Benzo(k)fluoranthene
Concen: 4.683 ng/ul
RT: 23.921 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP021098.D
Acq: 23 Jul 2024 14:21

Instrument :
BNA_P
ClientSampleId :
A4BF3

Tgt Ion:252 Resp: 29503
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.2
125 9.7 7.4 11.0

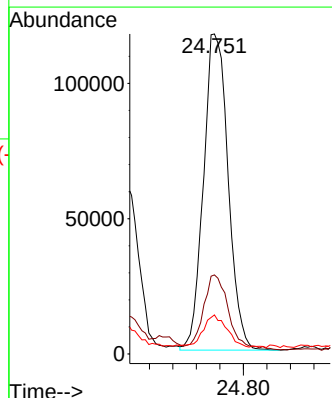
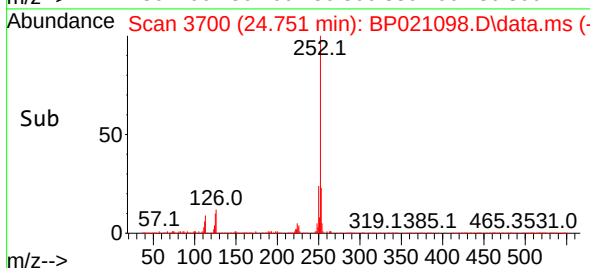
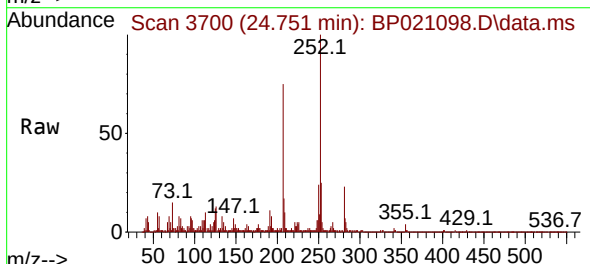
Manual Integrations
APPROVED

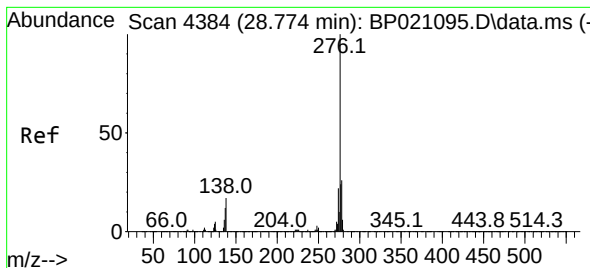
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#93
Benzo(a)pyrene
Concen: 5.711 ng/ul
RT: 24.751 min Scan# 3700
Delta R.T. 0.006 min
Lab File: BP021098.D
Acq: 23 Jul 2024 14:21

Tgt Ion:252 Resp: 340629
Ion Ratio Lower Upper
252 100
253 24.7 17.4 26.0
125 12.2 7.7 11.5#





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.278 ng/ul

RT: 28.692 min Scan# 4370

Delta R.T. 0.006 min

Lab File: BP021098.D

Acq: 23 Jul 2024 14:21

Instrument :

BNA_P

ClientSampleId :

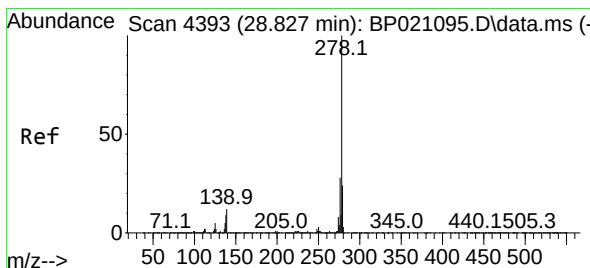
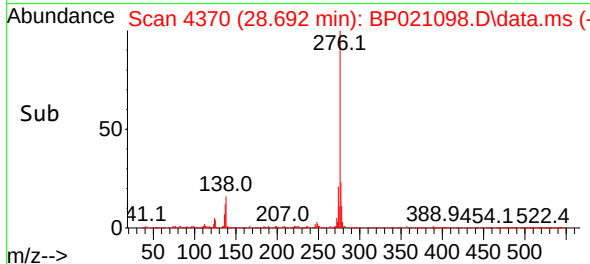
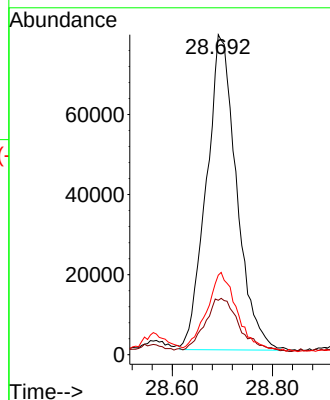
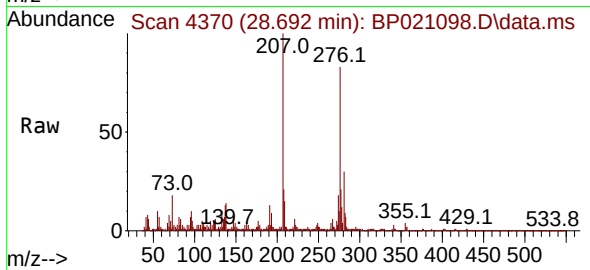
A4BF3

Tgt Ion:	276	Resp:	328814
Ion Ratio	Lower	Upper	
276	100		
138	17.0	14.3	21.5
277	24.8	19.2	28.8

Manual Integrations

APPROVED

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



#95

Dibenzo(a,h)anthracene

Concen: 1.782 ng/ul

RT: 28.733 min Scan# 4377

Delta R.T. -0.029 min

Lab File: BP021098.D

Acq: 23 Jul 2024 14:21

Tgt Ion:	278	Resp:	113407
Ion Ratio	Lower	Upper	
278	100		
139	18.8	10.9	16.3
279	25.8	19.4	29.0

