

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020703.D
 Acq On : 28 Jun 2024 22:41
 Operator : MA/JU
 Sample : P2934-13
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CP9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 23:18:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	175474	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	667974	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.375	164	362795	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	656754	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	644127	20.000	ng/u1	0.02
88) Perylene-d12	25.027	264	801946	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	17267	4.226	ng/uL	0.00
4) Pyridine-d5	3.693	84	42824	3.596	ng/u1	0.00
7) Phenol-d5	6.928	99	341804	23.749	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	219213	24.026	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	298715	25.396	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	271280	23.208	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	139823	28.352	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	151105	30.618	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	256806	25.262	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	220017	15.443	ng/u1	0.00
46) Dimethylphthalate-d6	13.787	166	717461	28.443	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	807987	26.844	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	82941	21.520	ng/u1	0.00
60) Fluorene-d10	15.381	176	571543	26.926	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	65704	19.852	ng/u1	0.01
73) Anthracene-d10	17.286	188	841478	28.549	ng/u1	0.00
81) Pyrene-d10	19.674	212	831440	21.486	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.792	264	702399	18.006	ng/u1	0.03
Target Compounds					Qvalue	
30) Naphthalene	10.563	128	45586	1.275	ng/u1	99
52) Acenaphthene	14.439	153	58652	2.601	ng/u1	97
56) Dibenzofuran	14.781	168	47521	1.564	ng/u1	100
61) Fluorene	15.439	166	48313	1.979	ng/u1	99
72) Phenanthrene	17.233	178	837025	24.338	ng/u1	100
74) Anthracene	17.322	178	122976	3.476	ng/u1	97
77) Carbazole	17.616	167	68440	2.344	ng/u1	98
80) Fluoranthene	19.327	202	1145758	24.240	ng/u1	99
82) Pyrene	19.704	202	793065	16.360	ng/u1	99
83) Butylbenzylphthalate	20.657	149	19114	1.062	ng/u1	93
85) Benzo(a)anthracene	21.639	228	461643	10.225	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.574	149	2699854	96.601	ng/u1	99
87) Chrysene	21.704	228	472088	11.062	ng/u1	98
90) Benzo(b)fluoranthene	23.968	252	594162	12.230	ng/u1	96
91) Benzo(k)fluoranthene	24.027	252	237223m	4.827	ng/u1	
93) Benzo(a)pyrene	24.862	252	230214	5.020	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.862	276	211505m	3.596	ng/u1	
95) Dibenzo(a,h)anthracene	28.921	278	76713m	1.587	ng/u1	

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

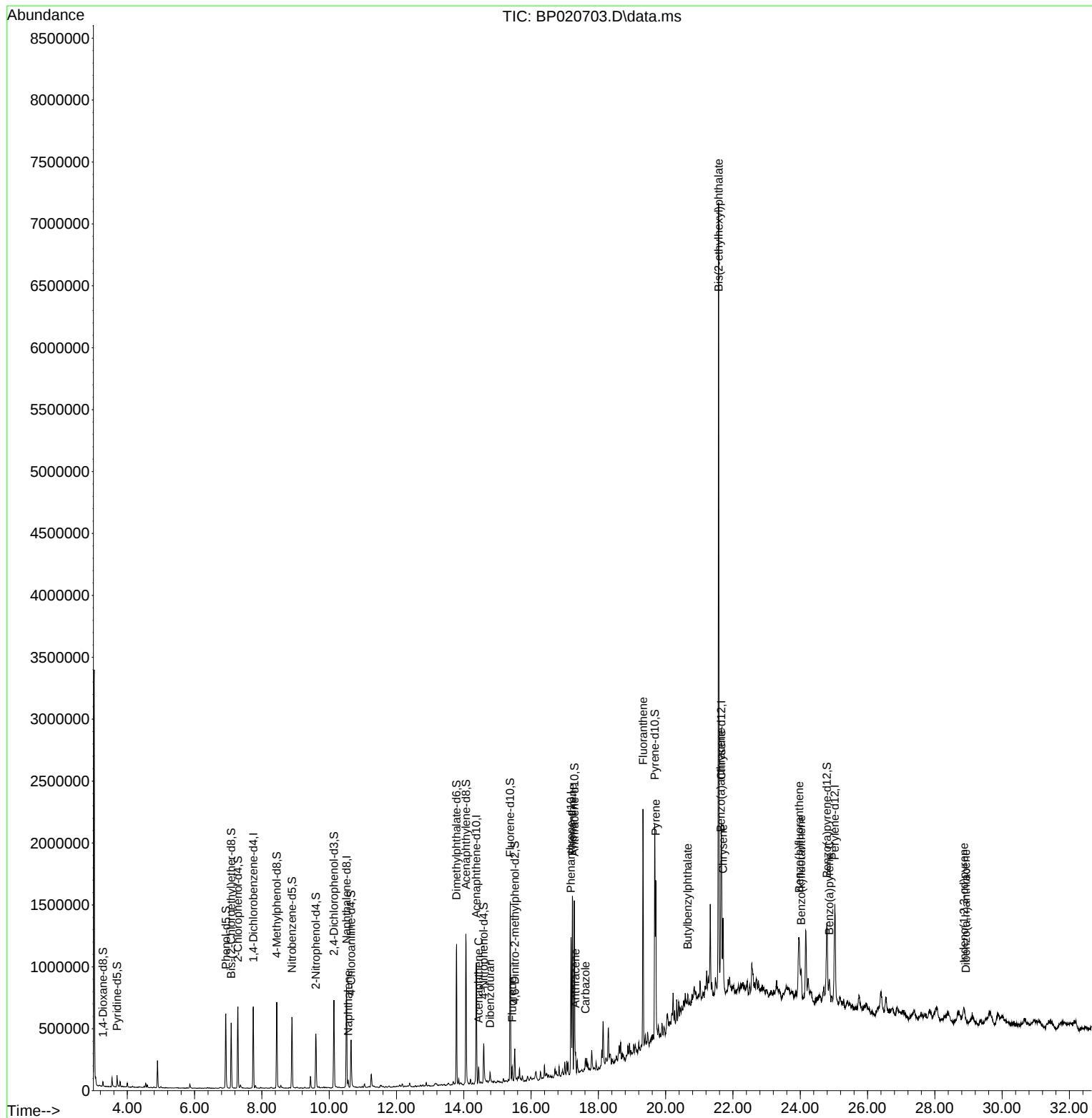
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020703.D
Acq On : 28 Jun 2024 22:41
Operator : MA/JU
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Misc :
ALS Vial : 61 Sample Multiplier: 1

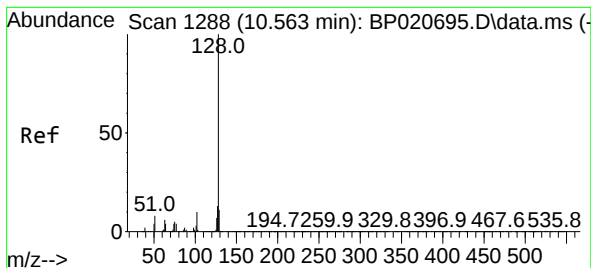
Instrument :
BNA_P
ClientSampleId :
A4CP9

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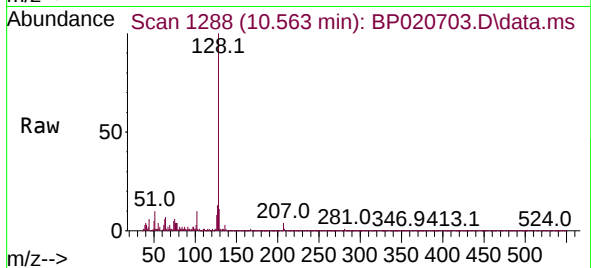
Quant Time: Jun 28 23:18:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.275 ng/ul
RT: 10.563 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP020703.D
Acq: 28 Jun 2024 22:41

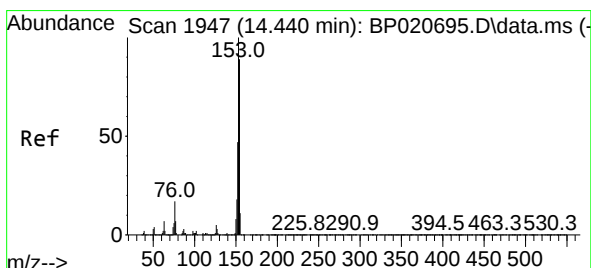
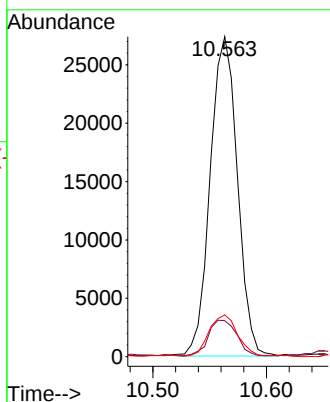
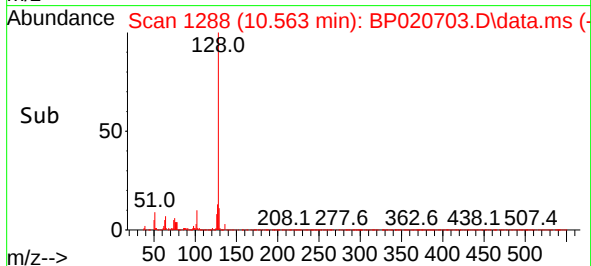
Instrument :
BNA_P
ClientSampleId :
A4CP9



Tgt Ion:128 Resp: 45580
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.0 10.6 15.8

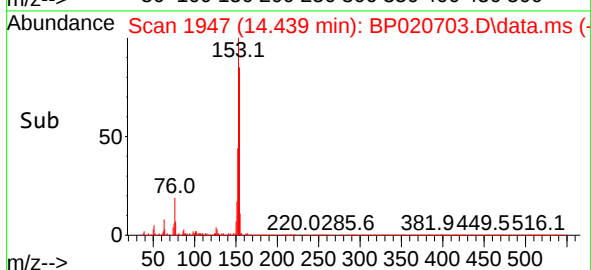
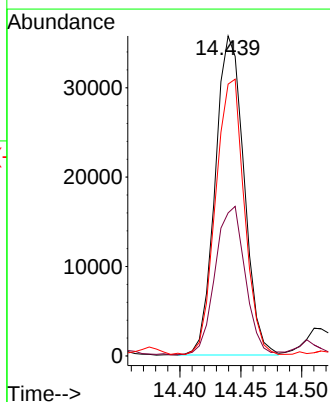
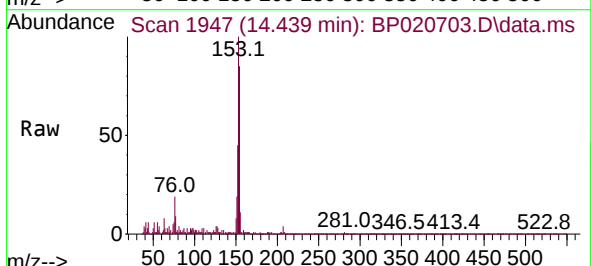
Manual Integrations
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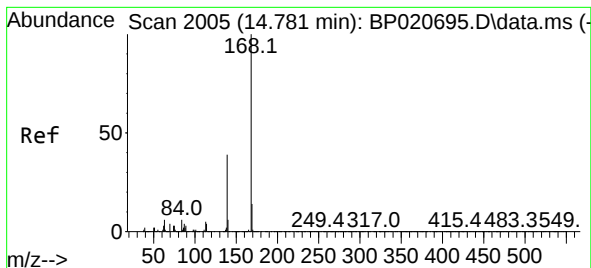
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#52
Acenaphthene
Concen: 2.601 ng/ul
RT: 14.439 min Scan# 1947
Delta R.T. 0.012 min
Lab File: BP020703.D
Acq: 28 Jun 2024 22:41

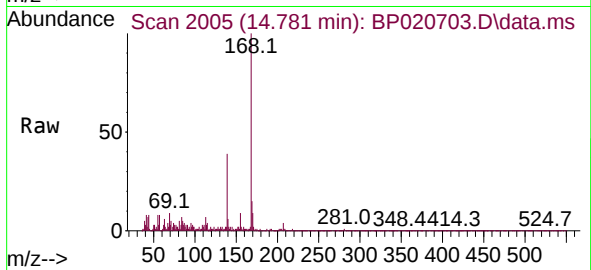
Tgt Ion:153 Resp: 58652
Ion Ratio Lower Upper
153 100
152 44.7 38.2 57.2
154 84.9 69.8 104.6





#56
Dibenzenofuran
Concen: 1.564 ng/ul
RT: 14.781 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BP020703.D
Acq: 28 Jun 2024 22:41

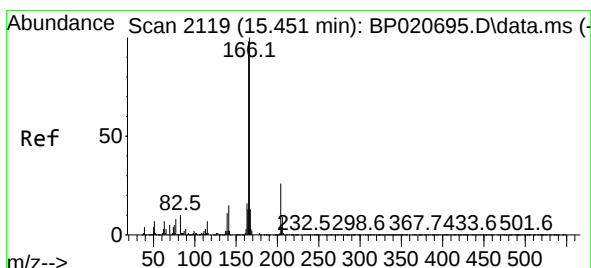
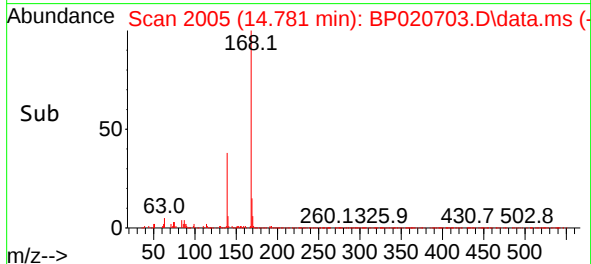
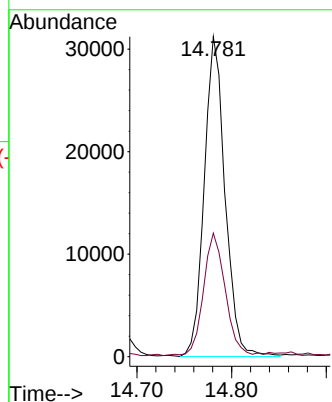
Instrument :
BNA_P
ClientSampleId :
A4CP9



Tgt Ion:168 Resp: 4752
Ion Ratio Lower Upper
168 100
139 38.6 30.7 46.1

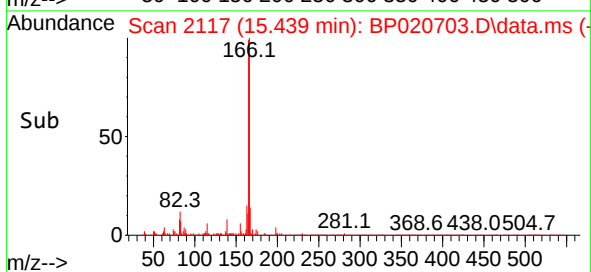
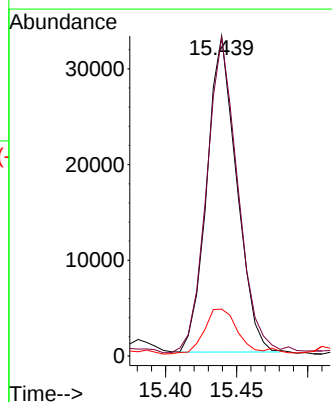
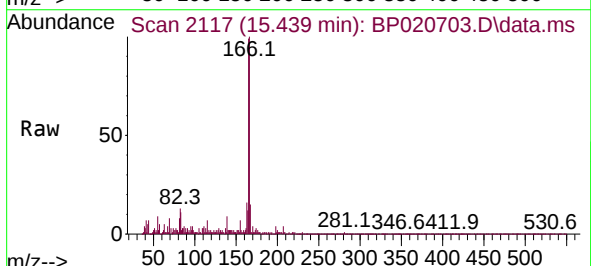
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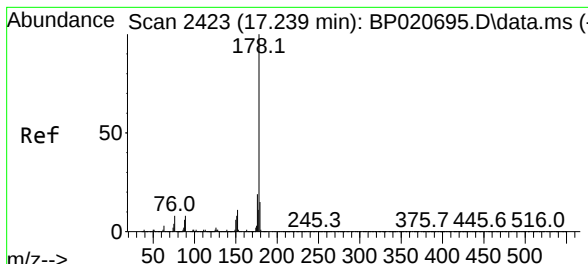
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#61
Fluorene
Concen: 1.979 ng/ul
RT: 15.439 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BP020703.D
Acq: 28 Jun 2024 22:41

Tgt Ion:166 Resp: 48313
Ion Ratio Lower Upper
166 100
165 99.5 78.8 118.2
167 14.7 11.2 16.8



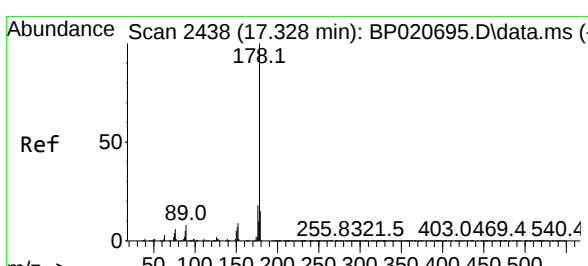
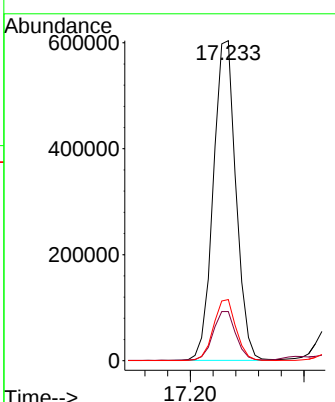
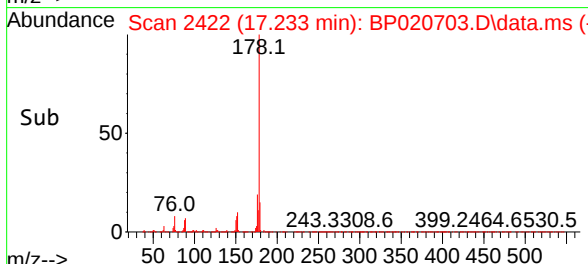
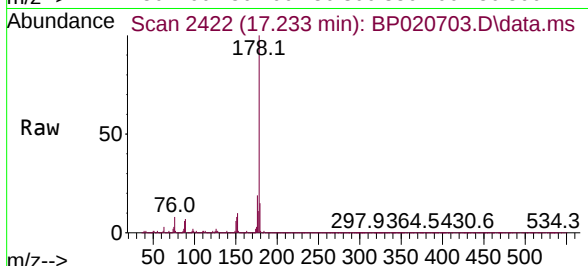


#72
 Phenanthrene
 Concen: 24.338 ng/ul
 RT: 17.233 min Scan# 2422
 Delta R.T. 0.006 min
 Lab File: BP020703.D
 Acq: 28 Jun 2024 22:41

Instrument : BNA_P
 ClientSampleId : A4CP9

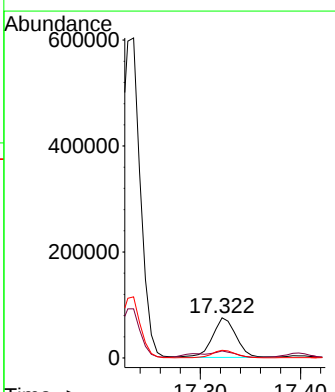
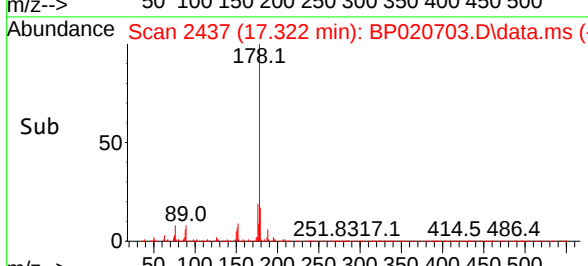
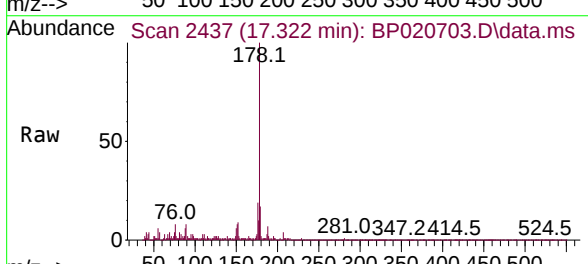
Tgt Ion:	178	Resp:	837025
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.4	18.6
176	19.1	15.4	23.2

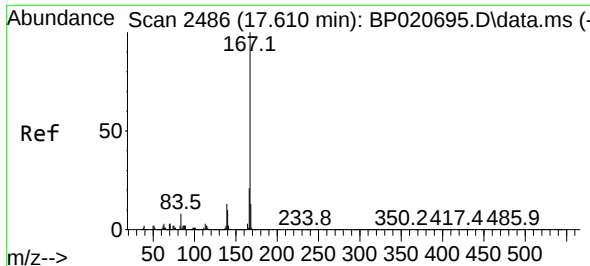
Manual Integrations
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#74
 Anthracene
 Concen: 3.476 ng/ul
 RT: 17.322 min Scan# 2437
 Delta R.T. 0.006 min
 Lab File: BP020703.D
 Acq: 28 Jun 2024 22:41

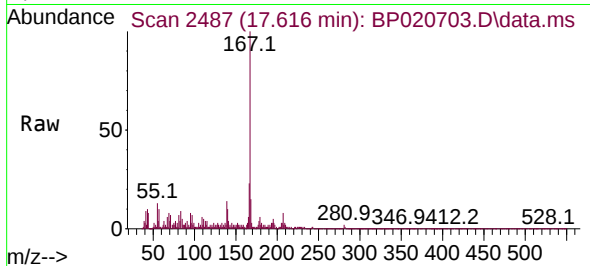
Tgt Ion:	178	Resp:	122976
Ion Ratio	Lower	Upper	
178	100		
179	17.4	12.1	18.1
176	19.1	15.0	22.4





#77
 Carbazole
 Concen: 2.344 ng/ul
 RT: 17.616 min Scan# 2486
 Delta R.T. 0.012 min
 Lab File: BP020703.D
 Acq: 28 Jun 2024 22:41

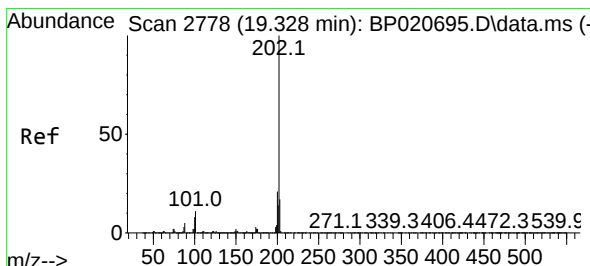
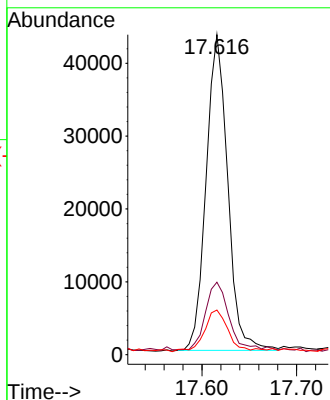
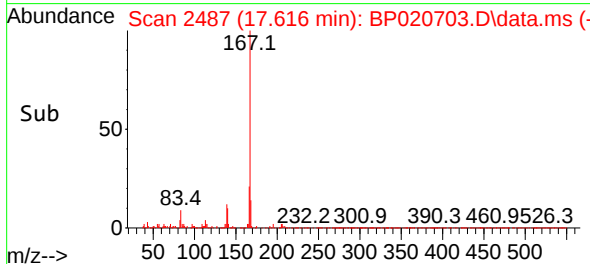
Instrument :
 BNA_P
 ClientSampleId :
 A4CP9



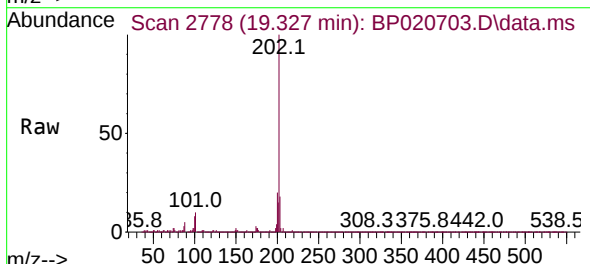
Tgt Ion:167 Resp: 68440
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.2 25.8
 139 14.0 10.6 16.0

Manual Integrations
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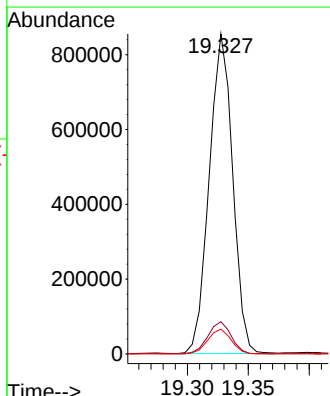
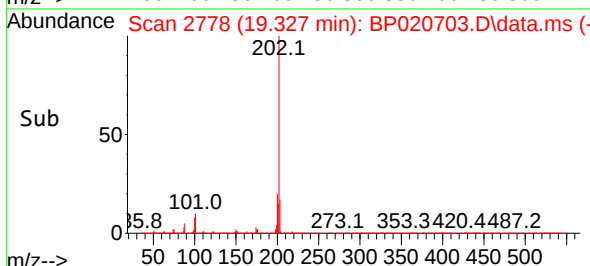
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 Supervised By :mohammad ahmed 06/29/2024

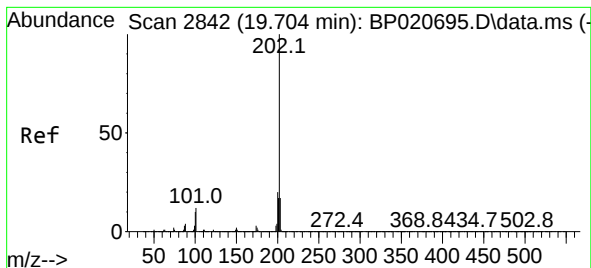


#80
 Fluoranthene
 Concen: 24.240 ng/ul
 RT: 19.327 min Scan# 2778
 Delta R.T. 0.006 min
 Lab File: BP020703.D
 Acq: 28 Jun 2024 22:41



Tgt Ion:202 Resp: 1145758
 Ion Ratio Lower Upper
 202 100
 101 10.1 8.2 12.4
 100 7.8 6.6 10.0





#82

Pyrene

Concen: 16.360 ng/ul

RT: 19.704 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020703.D

Acq: 28 Jun 2024 22:41

Instrument :

BNA_P

ClientSampleId :

A4CP9

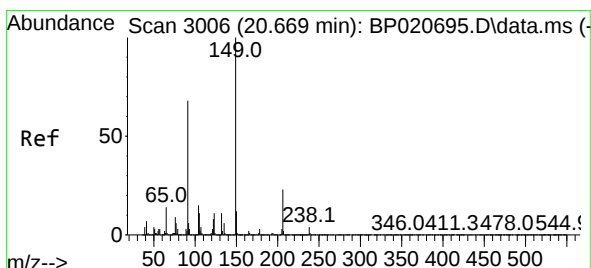
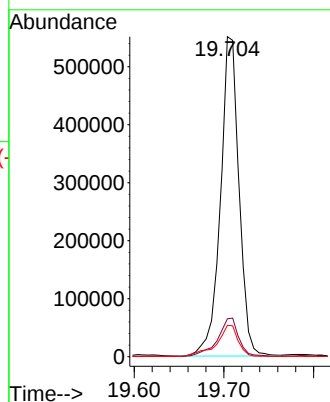
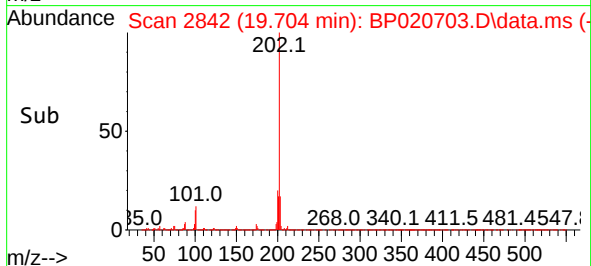
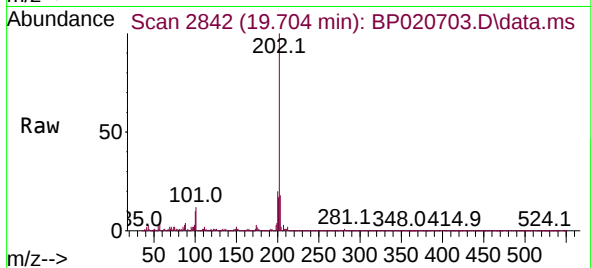
Tgt Ion:	202	Resp:	79306
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.8	14.8
100	9.8	7.9	11.9

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2024



#83

Butylbenzylphthalate

Concen: 1.062 ng/ul

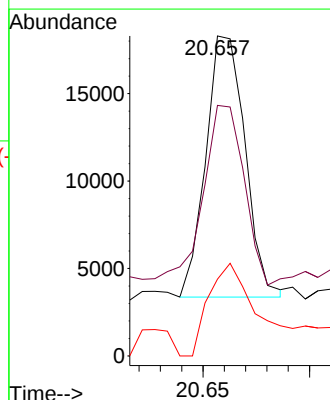
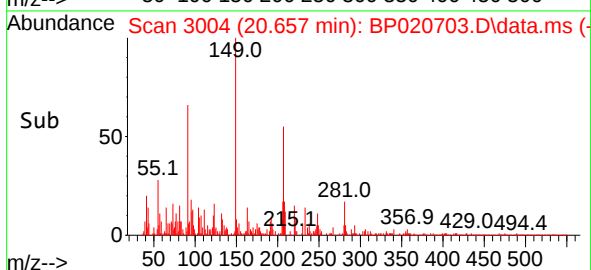
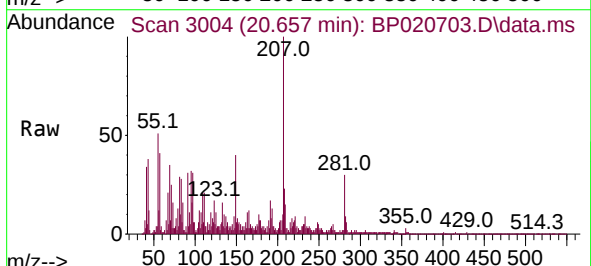
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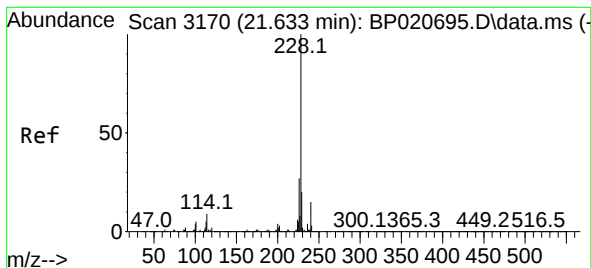
Delta R.T. -0.006 min

Lab File: BP020703.D

Acq: 28 Jun 2024 22:41

Tgt Ion:	149	Resp:	19114
Ion Ratio	Lower	Upper	
149	100		
91	78.3	58.0	87.0
206	24.0	17.3	25.9





#85

Benzo(a)anthracene

Concen: 10.225 ng/u1

RT: 21.639 min Scan# 3170

Delta R.T. 0.018 min

Lab File: BP020703.D

Acq: 28 Jun 2024 22:41

Instrument :

BNA_P

ClientSampleId :

A4CP9

Tgt Ion:228 Resp: 46164

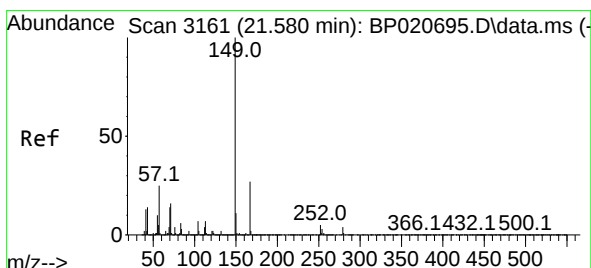
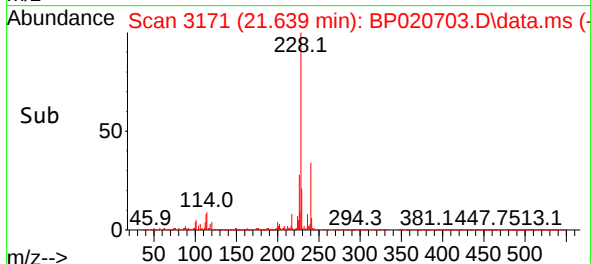
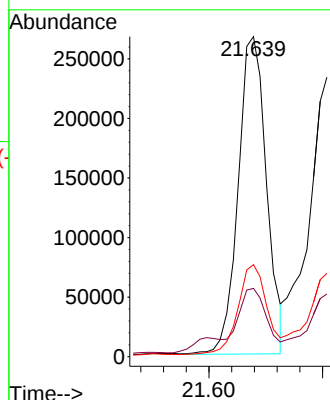
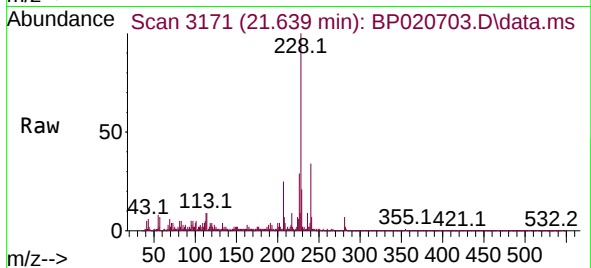
Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.2	22.8
226	28.8	21.1	31.7

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 96.601 ng/u1

RT: 21.574 min Scan# 3160

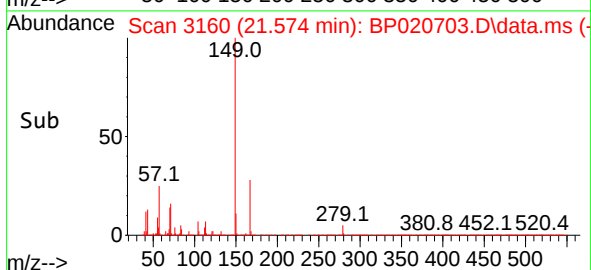
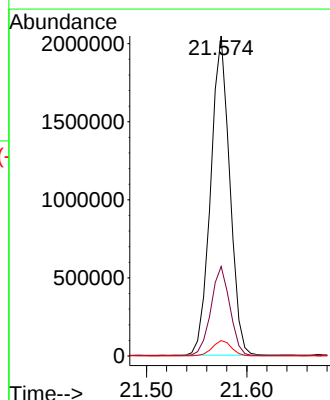
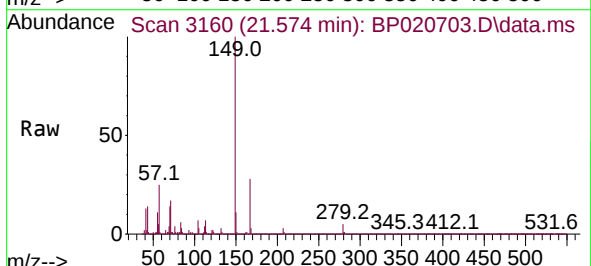
Delta R.T. 0.006 min

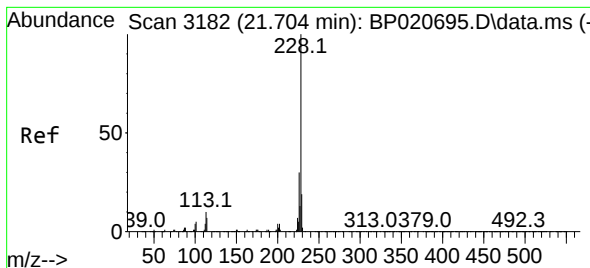
Lab File: BP020703.D

Acq: 28 Jun 2024 22:41

Tgt Ion:149 Resp: 2699854

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.0	33.0
279	4.8	3.3	4.9





#87

Chrysene

Concen: 11.062 ng/u1

RT: 21.704 min Scan# 3182

Delta R.T. 0.012 min

Lab File: BP020703.D

Acq: 28 Jun 2024 22:41

Instrument :

BNA_P

ClientSampleId :

A4CP9

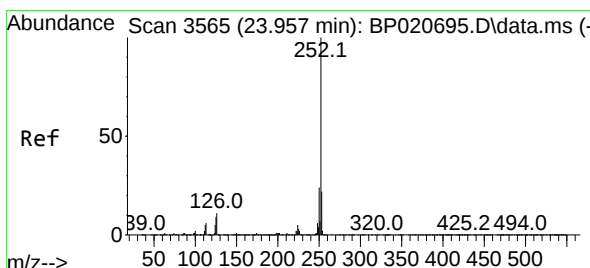
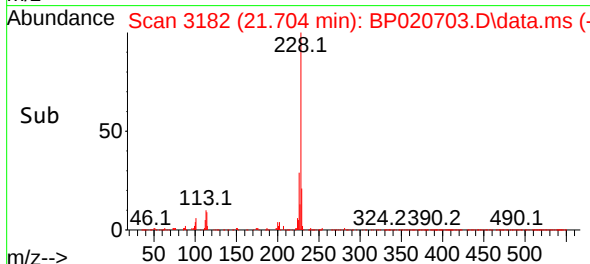
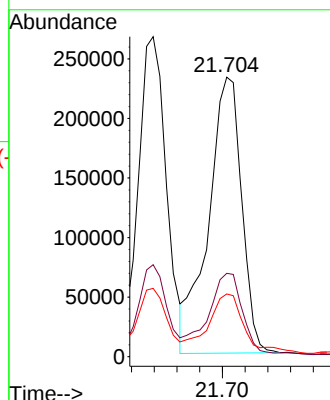
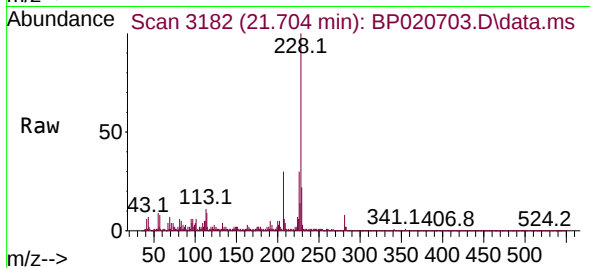
Tgt Ion:228 Resp: 472088
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.8 35.6
 229 22.4 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#90

Benzo(b)fluoranthene

Concen: 12.230 ng/u1

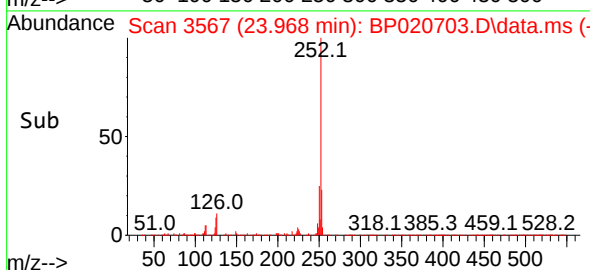
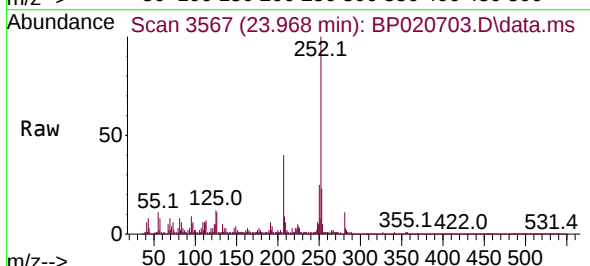
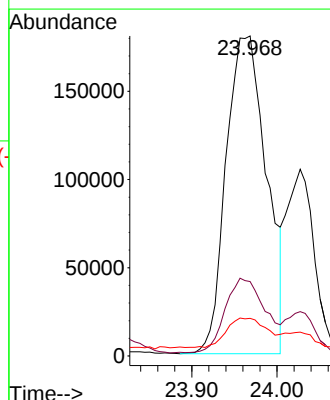
RT: 23.968 min Scan# 3567

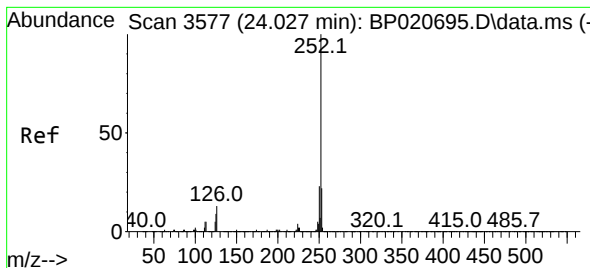
Delta R.T. 0.029 min

Lab File: BP020703.D

Acq: 28 Jun 2024 22:41

Tgt Ion:252 Resp: 594162
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.5 26.3
 125 11.8 7.9 11.9





#91

Benzo(k)fluoranthene

Concen: 4.827 ng/ul m

RT: 24.027 min Scan# 3577

Delta R.T. 0.023 min

Lab File: BP020703.D

Acq: 28 Jun 2024 22:41

Instrument :

BNA_P

ClientSampleId :

A4CP9

Tgt Ion:252 Resp: 23722

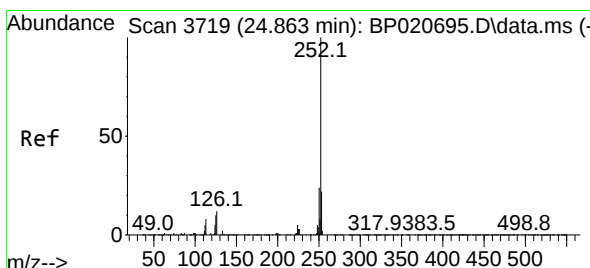
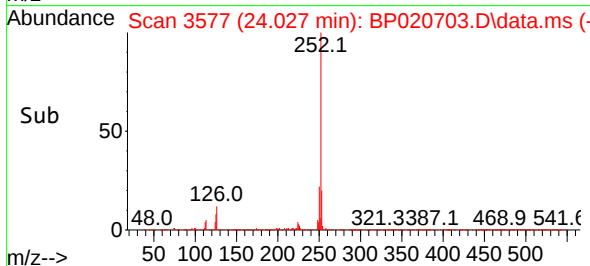
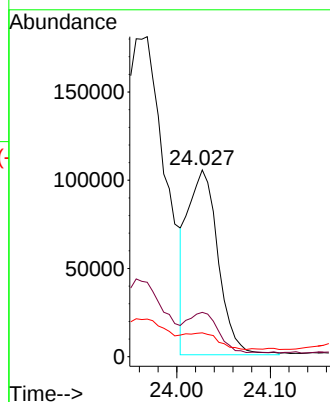
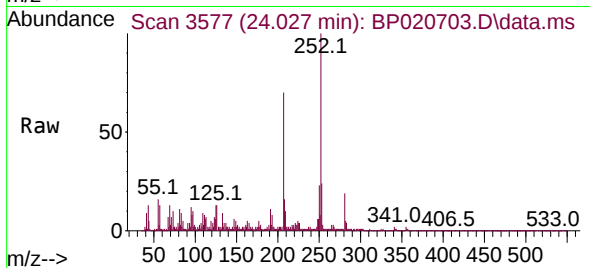
Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	12.8	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#93

Benzo(a)pyrene

Concen: 5.020 ng/ul

RT: 24.862 min Scan# 3719

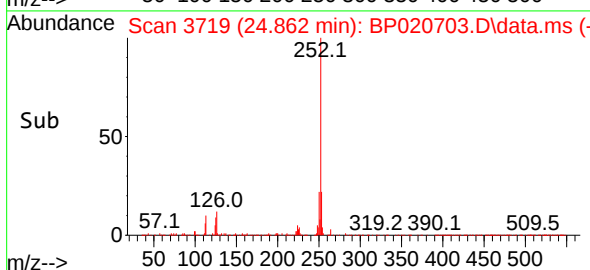
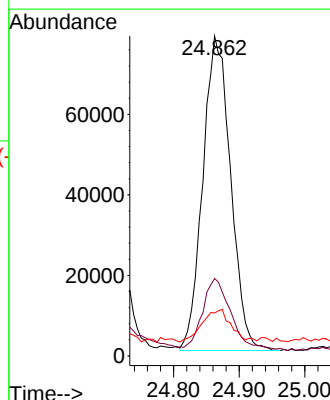
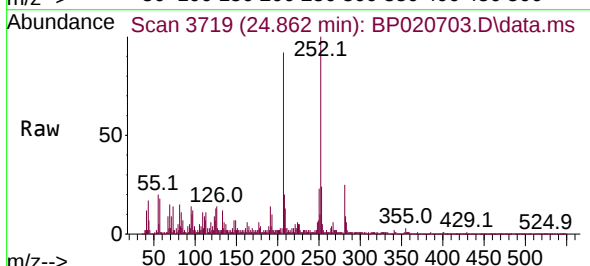
Delta R.T. 0.018 min

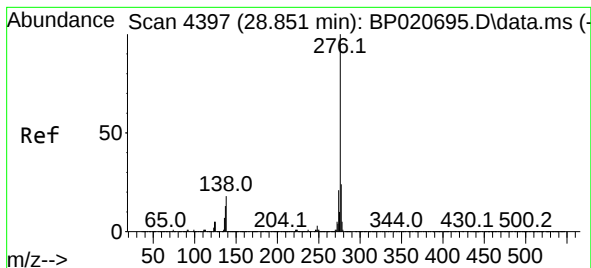
Lab File: BP020703.D

Acq: 28 Jun 2024 22:41

Tgt Ion:252 Resp: 230214

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.2
125	13.4	8.7	13.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.596 ng/ul m

RT: 28.862 min Scan# 4399

Delta R.T. 0.047 min

Lab File: BP020703.D

Acq: 28 Jun 2024 22:41

Instrument :

BNA_P

ClientSampleId :

A4CP9

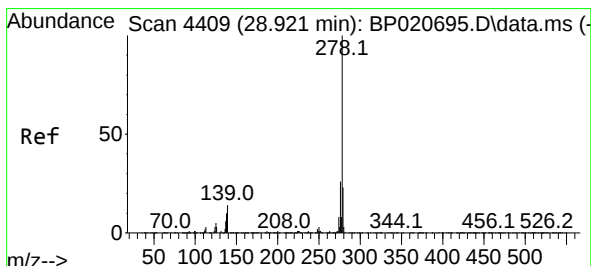
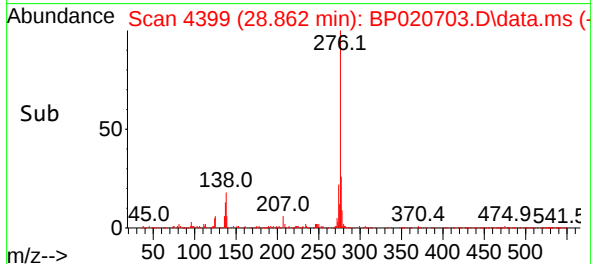
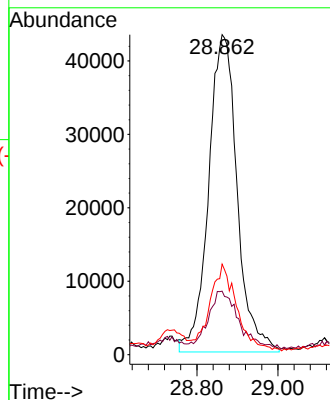
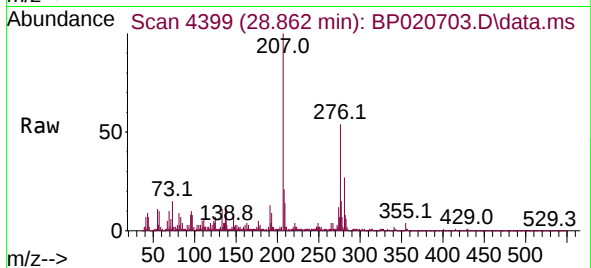
Tgt Ion:	276	Resp:	21150
Ion Ratio	Lower	Upper	
276	100		
138	19.8	15.2	22.8
277	28.3	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.587 ng/ul m

RT: 28.921 min Scan# 4409

Delta R.T. 0.024 min

Lab File: BP020703.D

Acq: 28 Jun 2024 22:41

Tgt Ion:	278	Resp:	76713
Ion Ratio	Lower	Upper	
278	100		
139	20.7	11.1	16.7#
279	30.0	18.7	28.1#

