

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020810.D
 Acq On : 06 Jul 2024 06:58
 Operator : MA/JU
 Sample : P2963-03DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B48DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 08 00:21:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	179145	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	744661	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	501021	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.175	188	1051191	20.000	ng/u1	0.01
79) Chrysene-d12	21.622	240	921738	20.000	ng/u1	0.00
88) Perylene-d12	24.968	264	1122540	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	3484	0.835	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.916	99	59566	4.054	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	39301	4.219	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	52999	4.413	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	17420	1.460	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	25133	4.571	ng/u1	0.00
24) 2-Nitrophenol-d4	9.605	143	28024	5.094	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.134	165	49590	4.376	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	27053	1.703	ng/u1	0.02
46) Dimethylphthalate-d6	13.763	166	185632	5.329	ng/u1	0.00
49) Acenaphthylene-d8	14.046	160	199539	4.800	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.375	176	165817	5.657	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.275	188	246698	5.229	ng/u1	0.01
81) Pyrene-d10	19.657	212	260420	4.703	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.739	264	184106	3.372	ng/u1	0.00
Target Compounds					Qvalue	
52) Acenaphthene	14.428	153	70143	2.252	ng/u1	99
56) Dibenzofuran	14.769	168	71423	1.702	ng/u1	96
61) Fluorene	15.428	166	102725	3.046	ng/u1	100
72) Phenanthrene	17.222	178	1257097	22.837	ng/u1	100
74) Anthracene	17.316	178	259792	4.588	ng/u1	99
77) Carbazole	17.598	167	145306	3.109	ng/u1	99
80) Fluoranthene	19.310	202	1558181	23.036	ng/u1	99
82) Pyrene	19.686	202	943806	13.605	ng/u1	99
85) Benzo(a)anthracene	21.604	228	568952	8.806	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.533	149	109032	2.726	ng/u1#	99
87) Chrysene	21.675	228	525532	8.606	ng/u1	97
90) Benzo(b)fluoranthene	23.910	252	647683	9.524	ng/u1	99
91) Benzo(k)fluoranthene	23.980	252	206693	3.005	ng/u1	96
93) Benzo(a)pyrene	24.821	252	224359	3.495	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.768	276	206925m	2.513	ng/u1	
95) Dibenzo(a,h)anthracene	28.827	278	81063m	1.198	ng/u1	

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

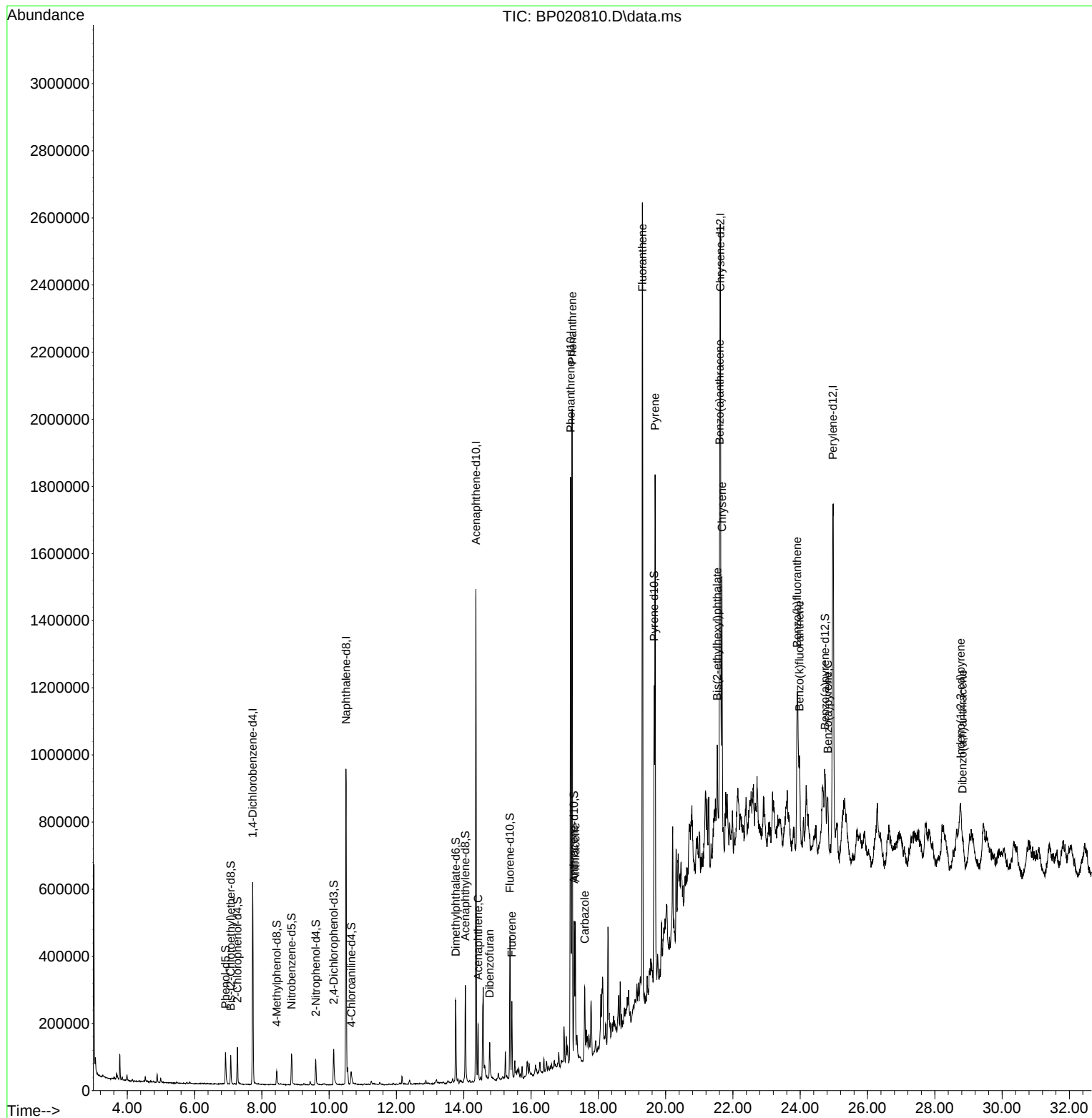
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020810.D
Acq On : 06 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-03DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

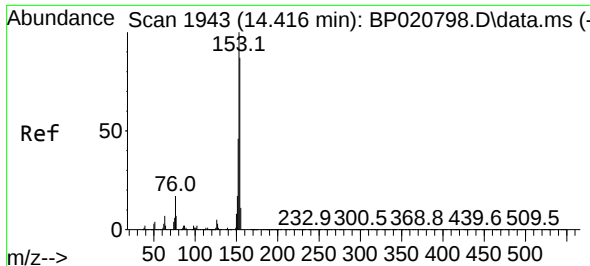
Instrument :
BNA_P
ClientSampleId :
A4B48DL

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Supervised By :mohammad ahmed 07/08/2024

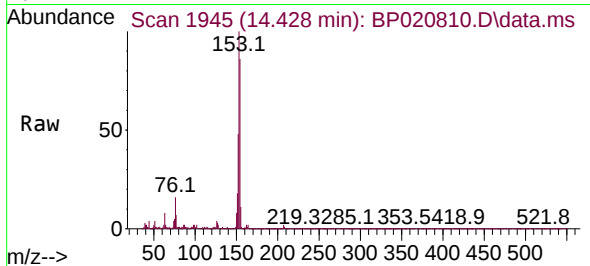
Quant Time: Jul 08 00:21:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration





#52
Acenaphthene
Concen: 2.252 ng/ul
RT: 14.428 min Scan# 1943
Delta R.T. 0.012 min
Lab File: BP020810.D
Acq: 06 Jul 2024 06:58

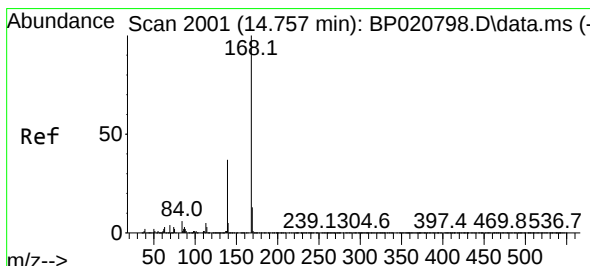
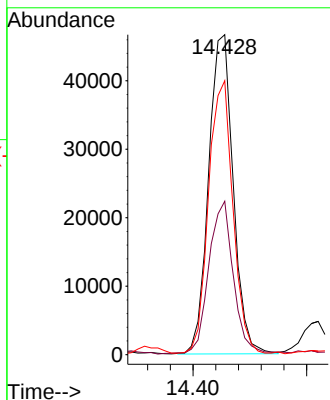
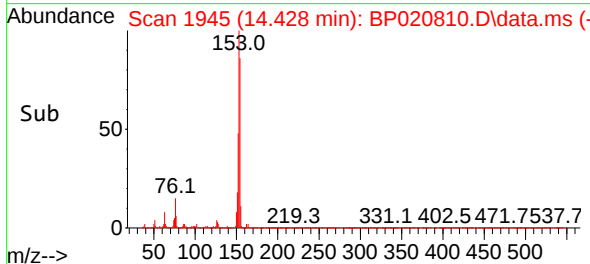
Instrument :
BNA_P
ClientSampleId :
A4B48DL



Tgt Ion:153 Resp: 7014
Ion Ratio Lower Upper
153 100
152 48.0 38.2 57.2
154 85.6 69.8 104.6

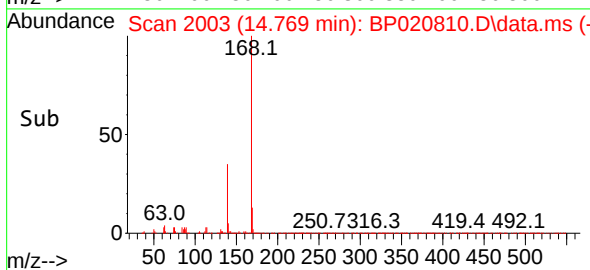
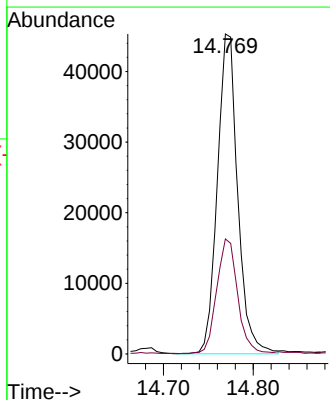
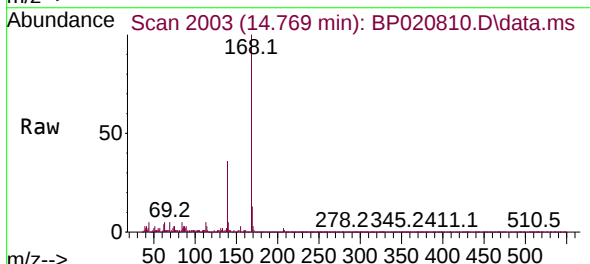
Manual Integrations
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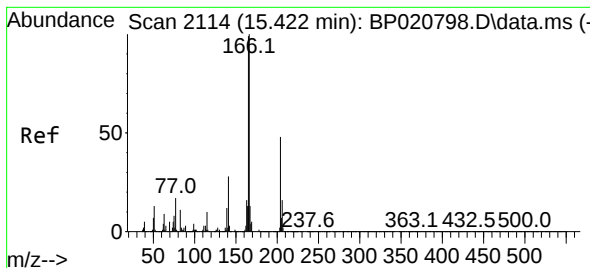
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#56
Dibenzofuran
Concen: 1.702 ng/ul
RT: 14.769 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BP020810.D
Acq: 06 Jul 2024 06:58

Tgt Ion:168 Resp: 71423
Ion Ratio Lower Upper
168 100
139 36.0 30.7 46.1





#61

Fluorene

Concen: 3.046 ng/ul

RT: 15.428 min Scan# 2114

Delta R.T. 0.006 min

Lab File: BP020810.D

Acq: 06 Jul 2024 06:58

Instrument :

BNA_P

ClientSampleId :

A4B48DL

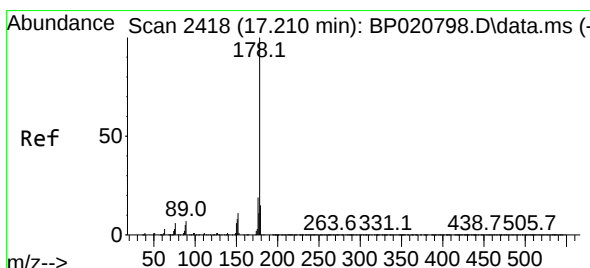
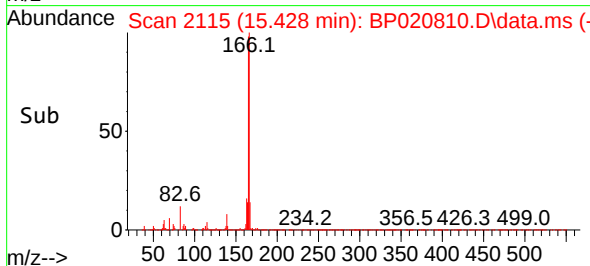
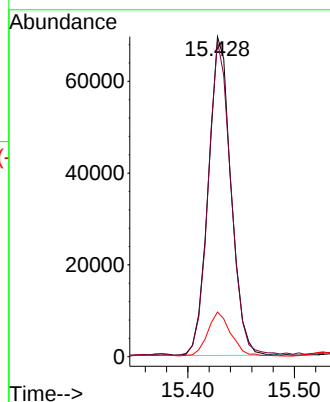
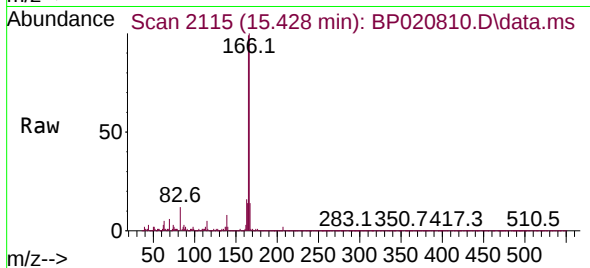
Tgt Ion:166	Resp: 102729
Ion Ratio	Lower Upper
166	100
165	98.7 78.8 118.2
167	13.9 11.2 16.8

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#72

Phenanthrene

Concen: 22.837 ng/ul

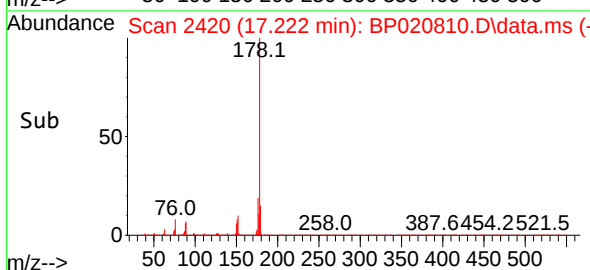
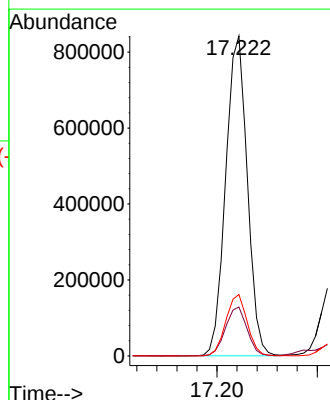
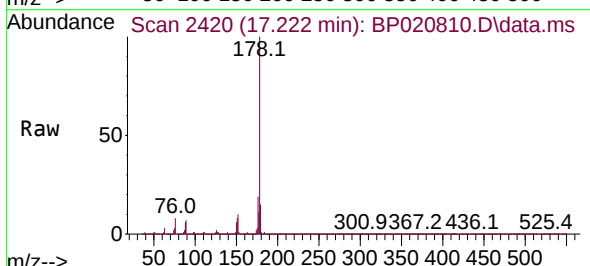
RT: 17.222 min Scan# 2420

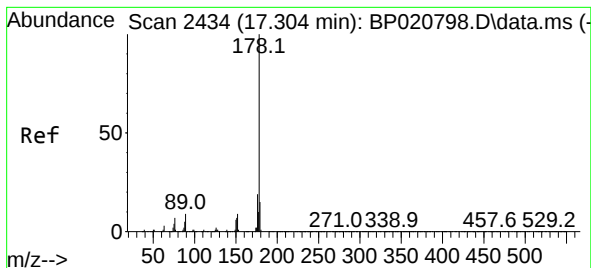
Delta R.T. 0.018 min

Lab File: BP020810.D

Acq: 06 Jul 2024 06:58

Tgt Ion:178	Resp: 1257097
Ion Ratio	Lower Upper
178	100
179	15.3 12.4 18.6
176	19.2 15.4 23.2





#74

Anthracene

Concen: 4.588 ng/ul

RT: 17.316 min Scan# 2434

Delta R.T. 0.018 min

Lab File: BP020810.D

Acq: 06 Jul 2024 06:58

Instrument :

BNA_P

ClientSampleId :

A4B48DL

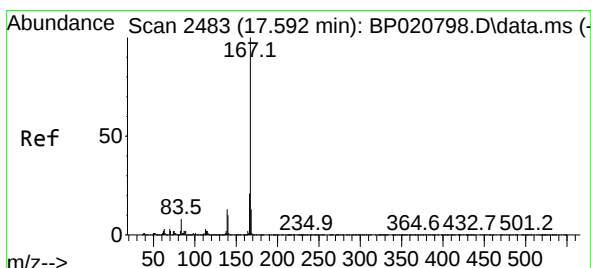
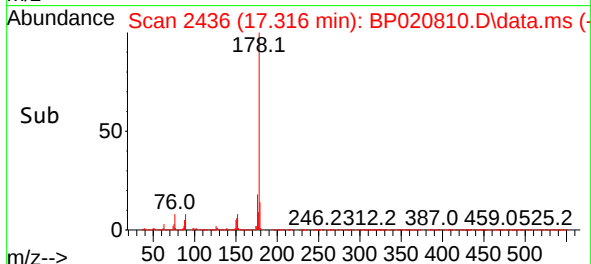
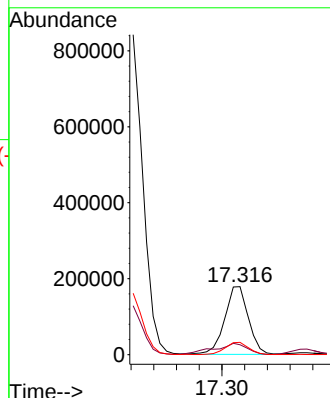
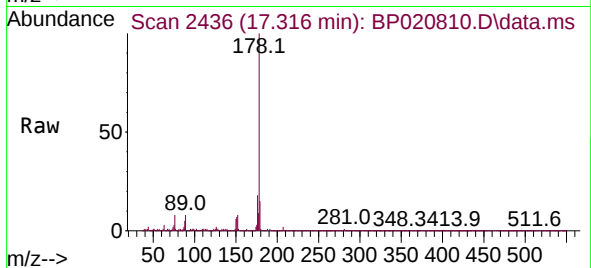
Tgt Ion:178 Resp: 259792
 Ion Ratio Lower Upper
 178 100
 179 14.6 12.1 18.1
 176 18.2 15.0 22.4

Manual Integrations

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Supervised By :mohammad ahmed 07/08/2024



#77

Carbazole

Concen: 3.109 ng/ul

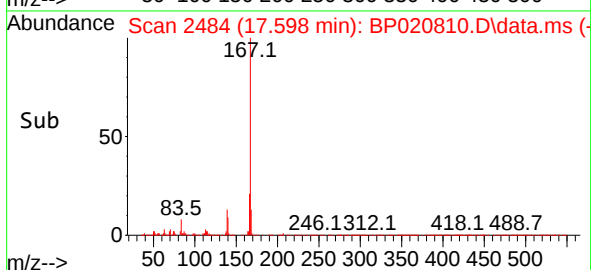
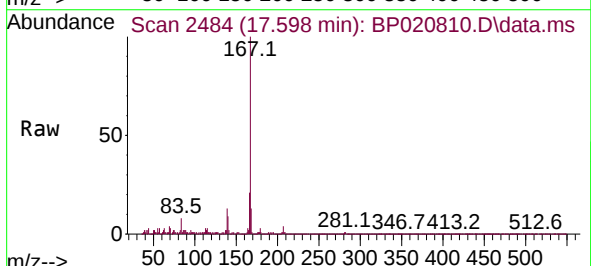
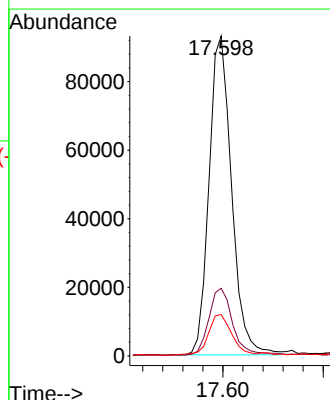
RT: 17.598 min Scan# 2484

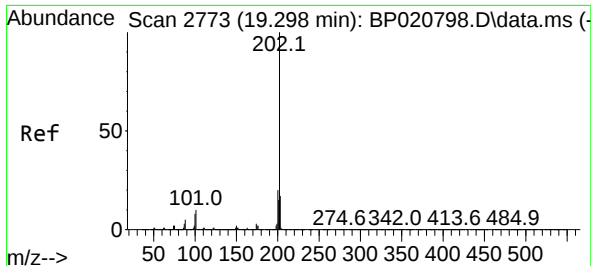
Delta R.T. 0.012 min

Lab File: BP020810.D

Acq: 06 Jul 2024 06:58

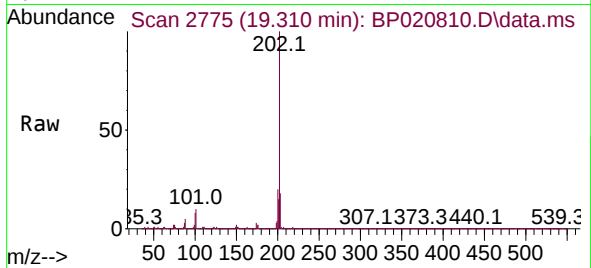
Tgt Ion:167 Resp: 145306
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 13.0 10.6 16.0





#80
Fluoranthene
Concen: 23.036 ng/u1
RT: 19.310 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP020810.D
Acq: 06 Jul 2024 06:58

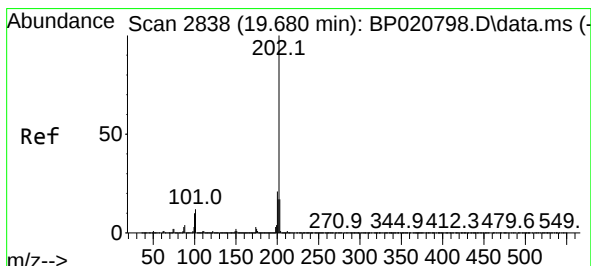
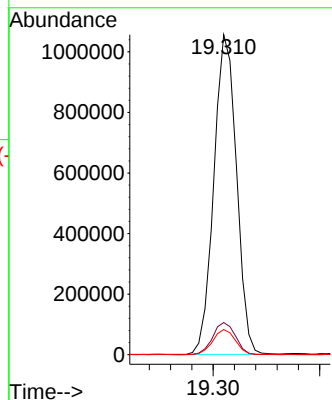
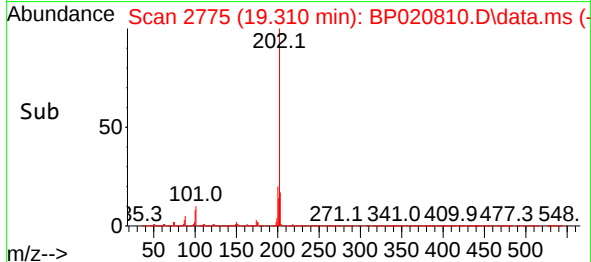
Instrument :
BNA_P
ClientSampleId :
A4B48DL



Tgt Ion:202 Resp: 155818
Ion Ratio Lower Upper
202 100
101 10.1 8.2 12.4
100 7.9 6.6 10.0

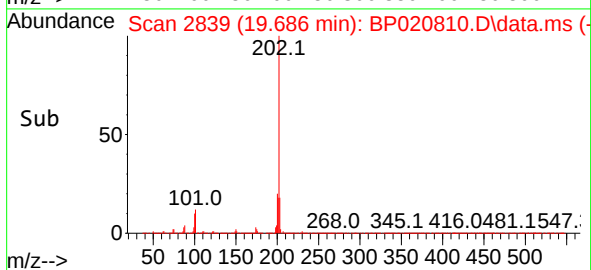
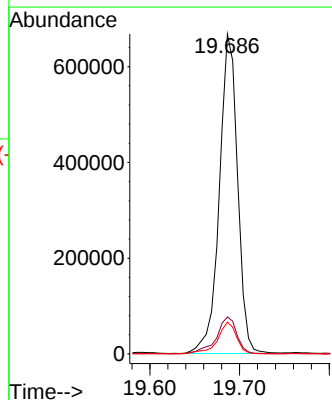
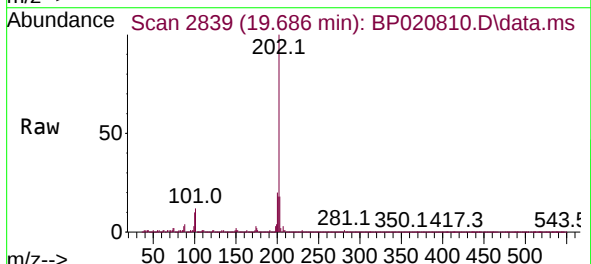
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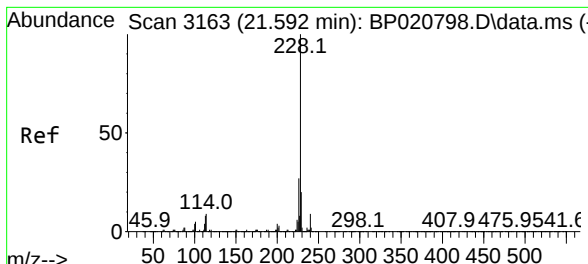
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#82
Pyrene
Concen: 13.605 ng/u1
RT: 19.686 min Scan# 2839
Delta R.T. 0.006 min
Lab File: BP020810.D
Acq: 06 Jul 2024 06:58

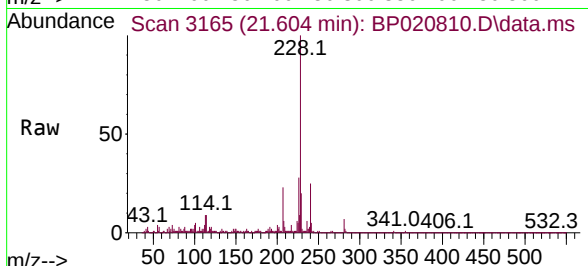
Tgt Ion:202 Resp: 943806
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.8
100 9.9 7.9 11.9





#85
Benzo(a)anthracene
Concen: 8.806 ng/ul
RT: 21.604 min Scan# 3165
Delta R.T. 0.006 min
Lab File: BP020810.D
Acq: 06 Jul 2024 06:58

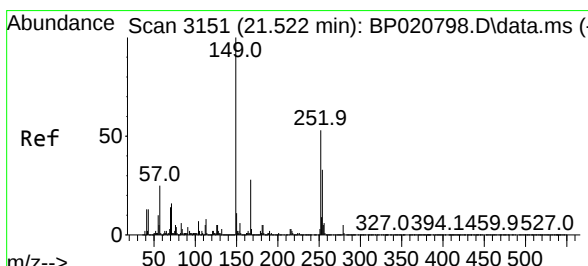
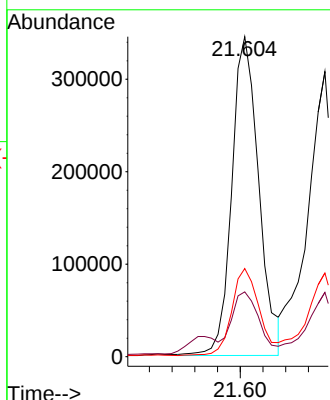
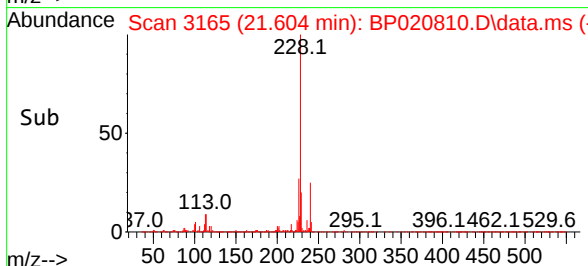
Instrument :
BNA_P
ClientSampleId :
A4B48DL



Tgt Ion:228 Resp: 568952
Ion Ratio Lower Upper
228 100
229 20.2 15.2 22.8
226 27.6 21.1 31.7

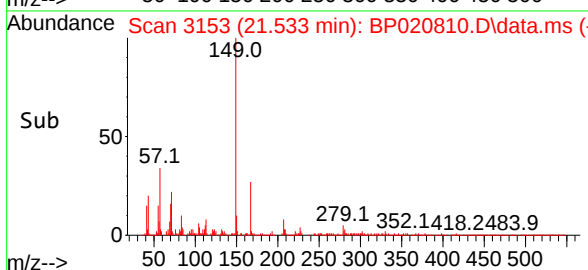
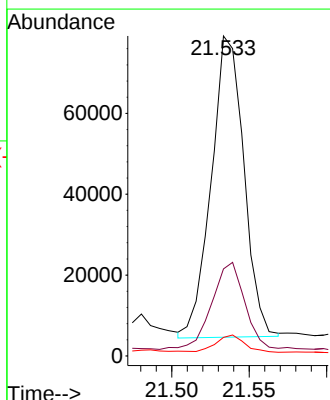
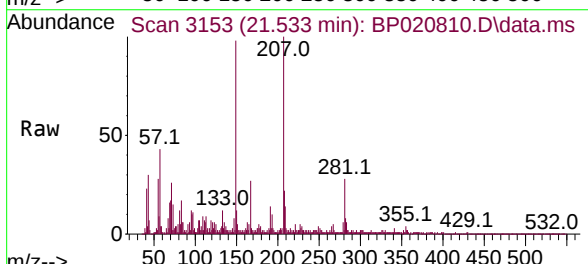
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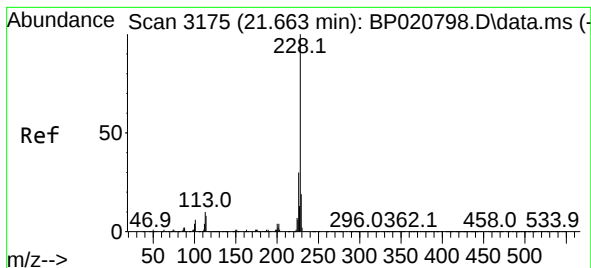
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.726 ng/ul
RT: 21.533 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP020810.D
Acq: 06 Jul 2024 06:58

Tgt Ion:149 Resp: 109032
Ion Ratio Lower Upper
149 100
167 27.2 22.0 33.0
279 5.8 3.3 4.9





#87

Chrysene

Concen: 8.606 ng/ul

RT: 21.675 min Scan# 3177

Delta R.T. 0.006 min

Lab File: BP020810.D

Acq: 06 Jul 2024 06:58

Instrument :

BNA_P

ClientSampleId :

A4B48DL

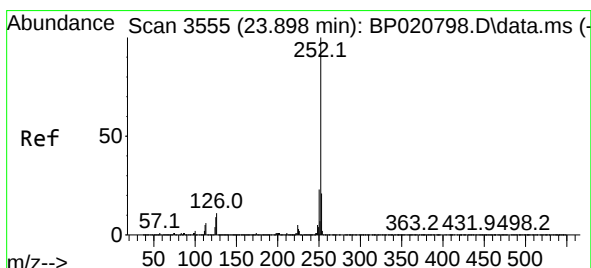
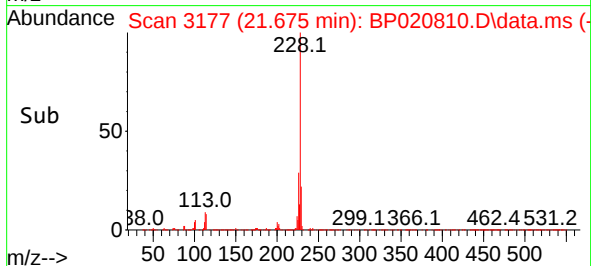
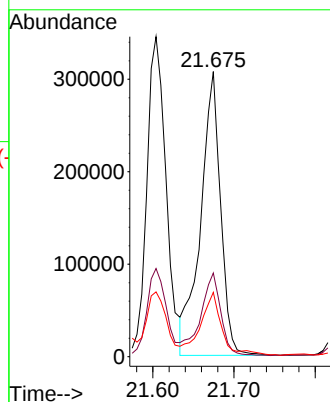
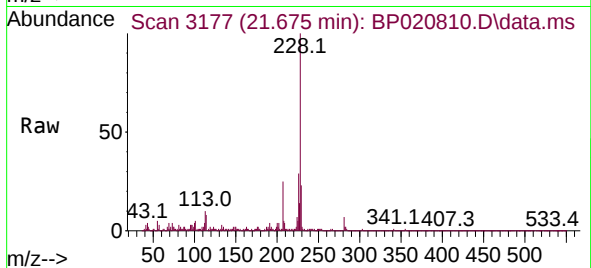
Tgt Ion:	228	Resp:	52553
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.8	35.6
229	22.6	16.1	24.1

Manual Integrations

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Supervised By :mohammad ahmed 07/08/2024



#90

Benzo(b)fluoranthene

Concen: 9.524 ng/ul

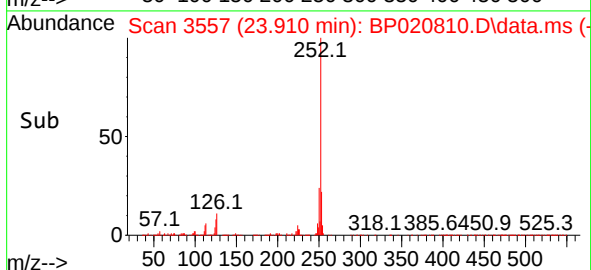
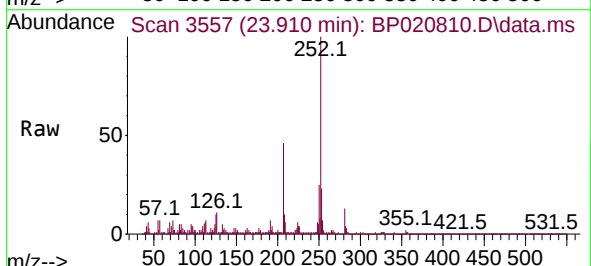
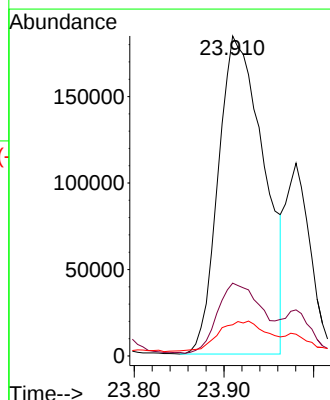
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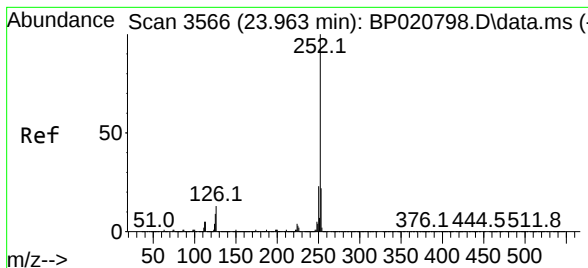
Delta R.T. 0.006 min

Lab File: BP020810.D

Acq: 06 Jul 2024 06:58

Tgt Ion:	252	Resp:	647683
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.5	26.3
125	9.8	7.9	11.9





#91

Benzo(k)fluoranthene

Concen: 3.005 ng/u1

RT: 23.980 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP020810.D

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Instrument :

BNA_P

ClientSampleId :

A4B48DL

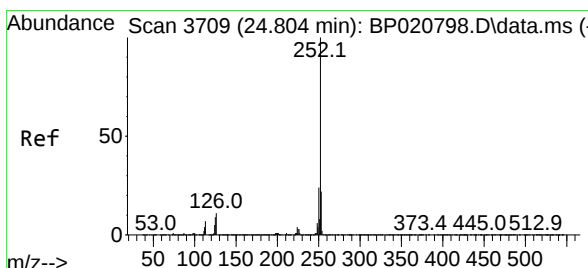
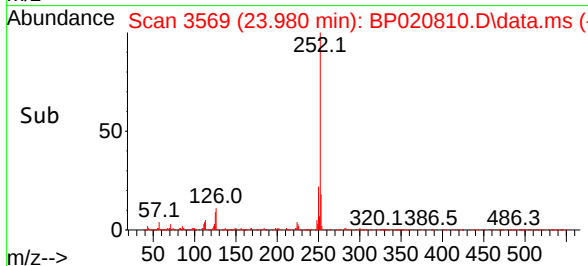
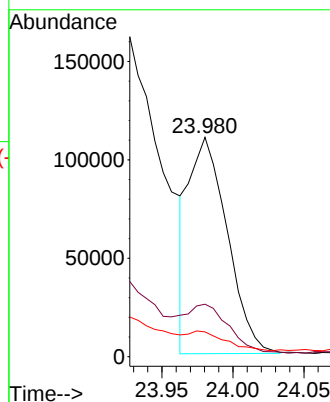
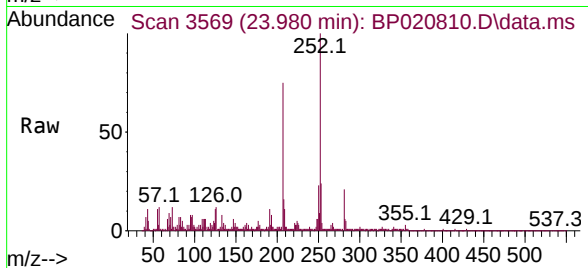
Tgt Ion:	252	Resp:	20669
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.6	26.4
125	11.3	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#93

Benzo(a)pyrene

Concen: 3.495 ng/u1

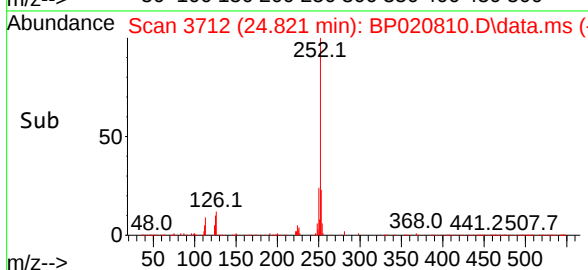
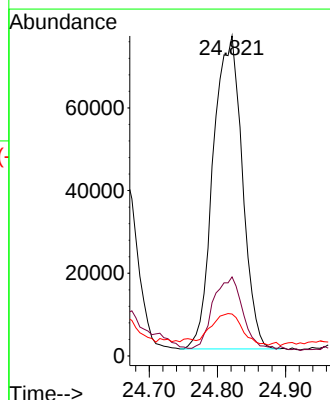
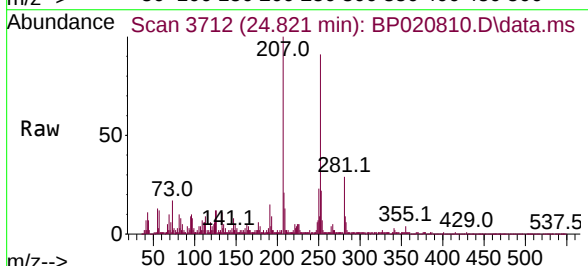
RT: 24.821 min Scan# 3712

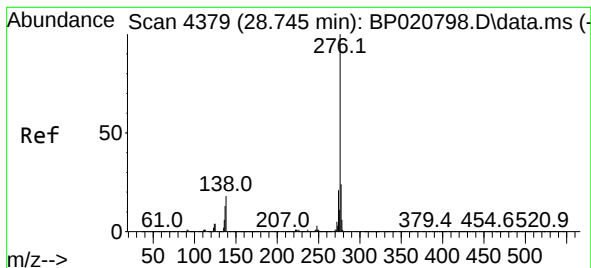
Delta R.T. 0.012 min

Lab File: BP020810.D

Acq: 06 Jul 2024 06:58

Tgt Ion:	252	Resp:	224359
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.4	26.2
125	13.1	8.7	13.1#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.513 ng/ul m

RT: 28.768 min Scan# 4383

Delta R.T. 0.006 min

Lab File: BP020810.D

Acq: 06 Jul 2024 06:58

Instrument :

BNA_P

ClientSampleId :

A4B48DL

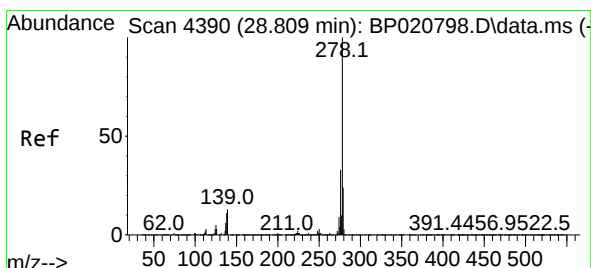
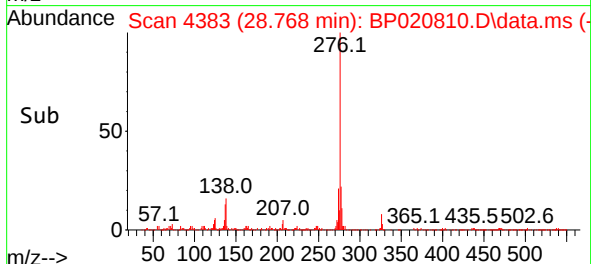
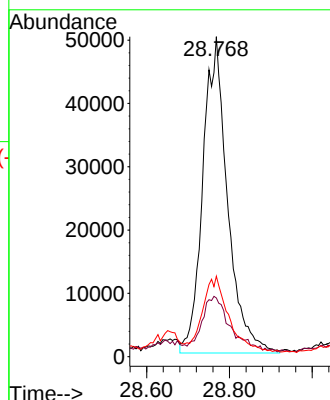
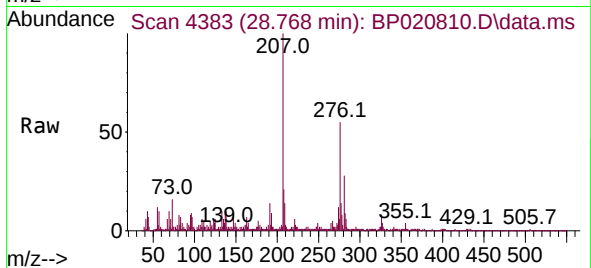
Tgt Ion:	276	Resp:	20692
Ion Ratio	Lower	Upper	
276	100		
138	18.4	15.2	22.8
277	25.2	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.198 ng/ul m

RT: 28.827 min Scan# 4393

Delta R.T. -0.012 min

Lab File: BP020810.D

Acq: 06 Jul 2024 06:58

Tgt Ion:	278	Resp:	81063
Ion Ratio	Lower	Upper	
278	100		
139	23.6	11.1	16.7#
279	32.9	18.7	28.1#

