

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
 Data File : BP020775.D
 Acq On : 03 Jul 2024 18:46
 Operator : MA/JU
 Sample : P2963-03DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B48DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 04:01:37 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	7.740	152	156608	20.000	ng/u1	0.00
20) Naphthalene-d8	10.505	136	665308	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.357	164	438636	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	932371	20.000	ng/u1	0.00
79) Chrysene-d12	21.616	240	848342	20.000	ng/u1	0.00
88) Perylene-d12	24.963	264	987289	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	2546	0.698	ng/uL	0.00
4) Pyridine-d5	3.711	84	6293m	0.592	ng/u1	0.03
7) Phenol-d5	6.928	99	49592	3.861	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.081	67	34068	4.184	ng/u1	0.00
11) 2-Chlorophenol-d4	7.281	132	44690	4.257	ng/u1	0.01
15) 4-Methylphenol-d8	8.446	113	16064	1.540	ng/u1	0.01
21) Nitrobenzene-d5	8.881	128	20692	4.213	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	22575	4.593	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	41124	4.062	ng/u1	0.01
31) 4-Chloroaniline-d4	10.652	131	23372	1.647	ng/u1	0.01
46) Dimethylphthalate-d6	13.769	166	160684	5.269	ng/u1	0.01
49) Acenaphthylene-d8	14.051	160	170243	4.678	ng/u1	0.01
54) 4-Nitrophenol-d4	14.616	143	17079m	3.665	ng/u1	0.04
60) Fluorene-d10	15.375	176	139430	5.433	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.269	188	212426	5.077	ng/u1	0.00
81) Pyrene-d10	19.645	212	229843	4.510	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.739	264	166221	3.461	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.422	153	59647	2.187	ng/u1	95
56) Dibenzofuran	14.763	168	60546	1.648	ng/u1	98
61) Fluorene	15.428	166	87273	2.956	ng/u1	99
72) Phenanthrene	17.216	178	1103778	22.607	ng/u1	99
74) Anthracene	17.304	178	220981	4.400	ng/u1	98
77) Carbazole	17.592	167	123837	2.988	ng/u1	96
80) Fluoranthene	19.298	202	1393488	22.384	ng/u1	100
82) Pyrene	19.680	202	850826	13.326	ng/u1	99
85) Benzo(a)anthracene	21.592	228	514141	8.647	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.533	149	98187	2.667	ng/u1	99
87) Chrysene	21.663	228	468511	8.336	ng/u1	98
90) Benzo(b)fluoranthene	23.910	252	537749	8.991	ng/u1	98
91) Benzo(k)fluoranthene	23.969	252	243974m	4.032	ng/u1	
93) Benzo(a)pyrene	24.804	252	206088	3.650	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.756	276	178132	2.460	ng/u1	98
95) Dibenzo(a,h)anthracene	28.809	278	68514m	1.151	ng/u1	

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

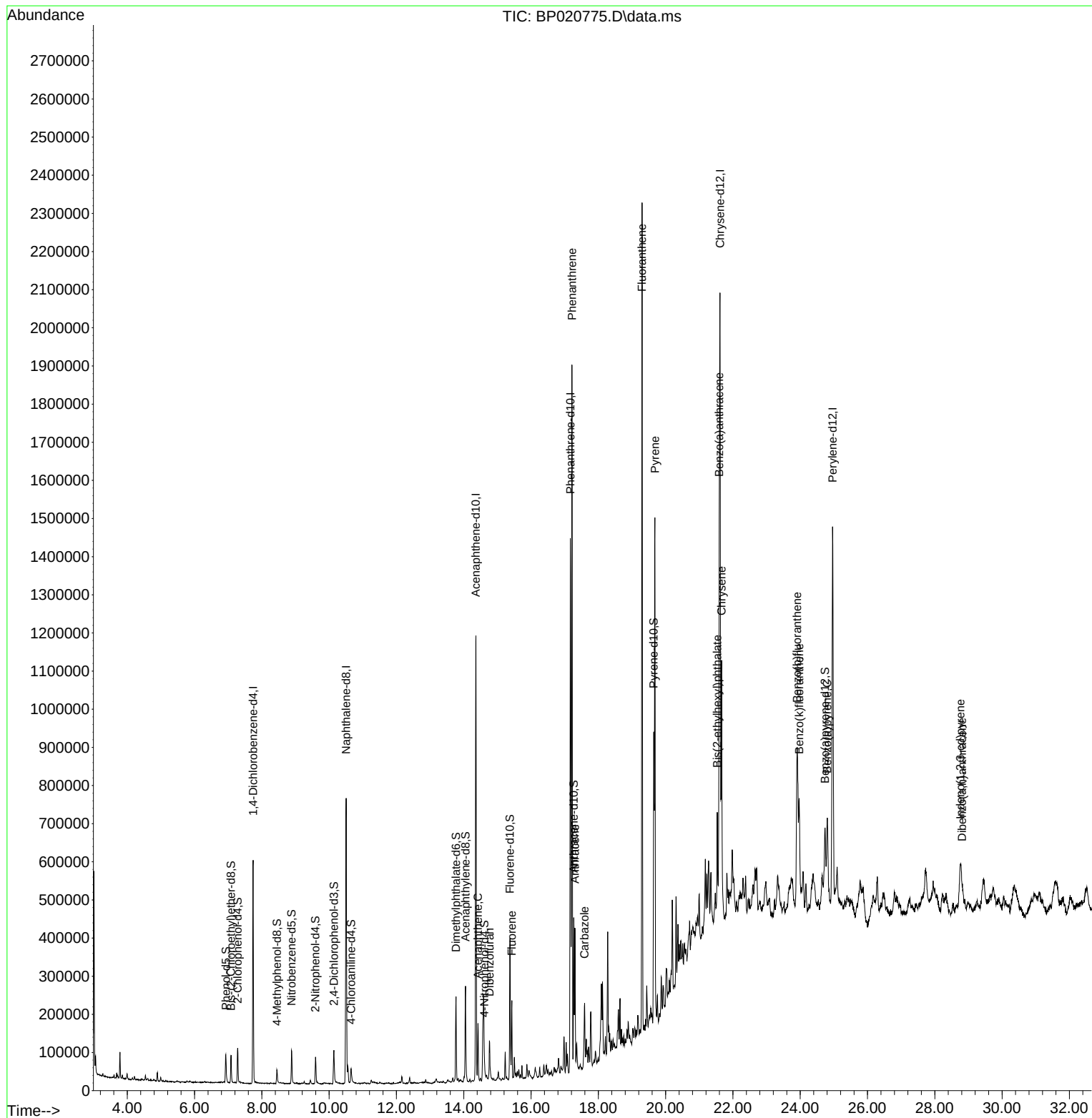
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020775.D
Acq On : 03 Jul 2024 18:46
Operator : MA/JU
Sample : P2963-03DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

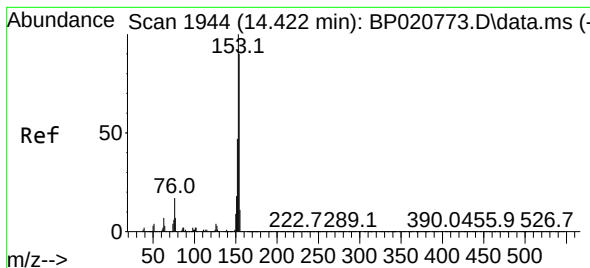
Instrument :
BNA_P
ClientSampleId :
A4B48DL

Quant Time: Jul 04 04:01:37 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

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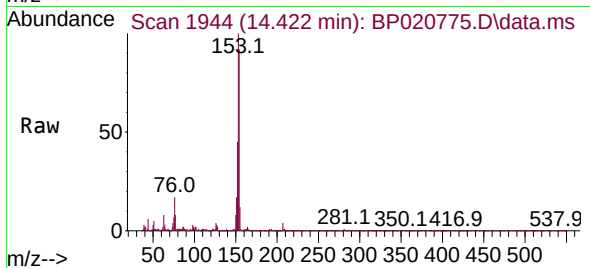
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024





#52
Acenaphthene
Concen: 2.187 ng/ul
RT: 14.422 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BP020775.D
Acq: 03 Jul 2024 18:46

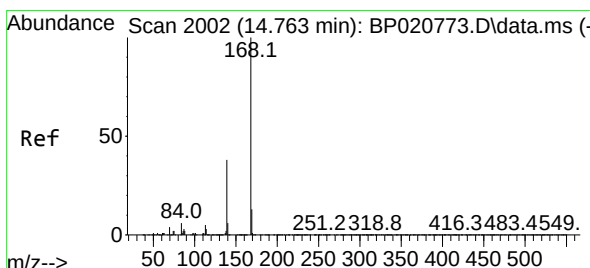
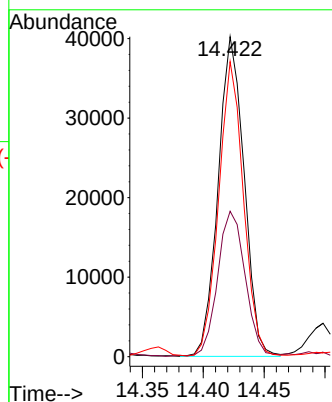
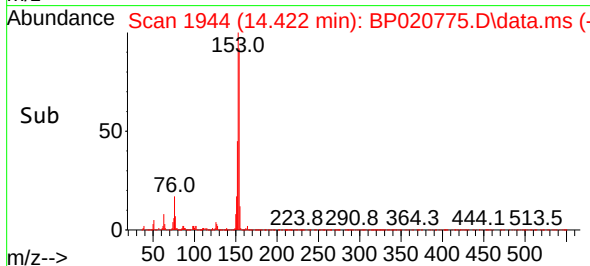
Instrument :
BNA_P
ClientSampleId :
A4B48DL



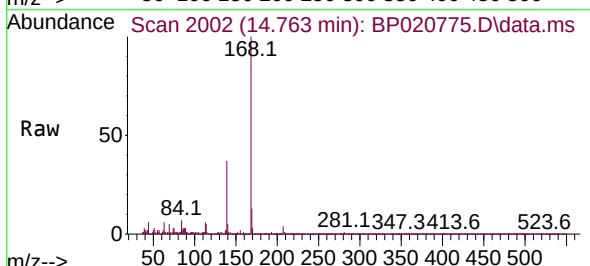
Tgt Ion:153 Resp: 5964
Ion Ratio Lower Upper
153 100
152 45.4 38.2 57.2
154 92.2 69.8 104.6

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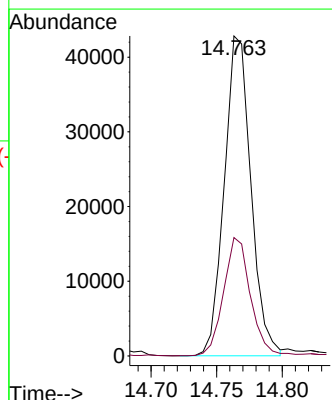
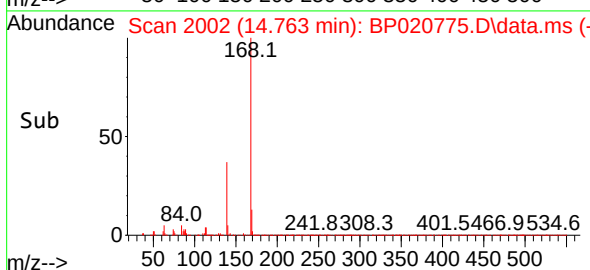
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

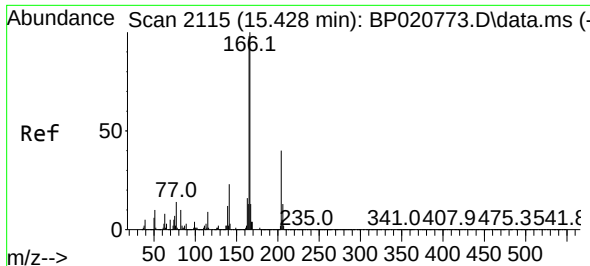


#56
Dibenzofuran
Concen: 1.648 ng/ul
RT: 14.763 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BP020775.D
Acq: 03 Jul 2024 18:46



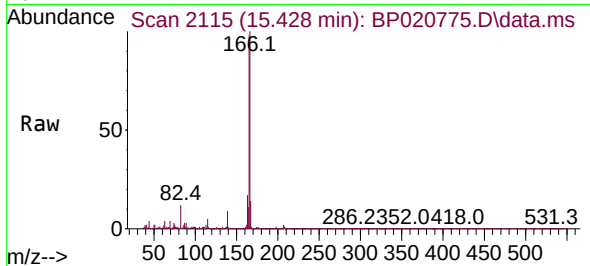
Tgt Ion:168 Resp: 60546
Ion Ratio Lower Upper
168 100
139 37.0 30.7 46.1





#61
Fluorene
Concen: 2.956 ng/ul
RT: 15.428 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BP020775.D
Acq: 03 Jul 2024 18:46

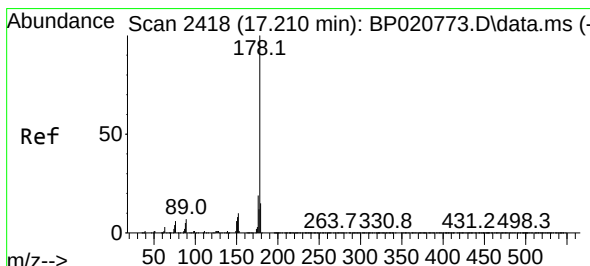
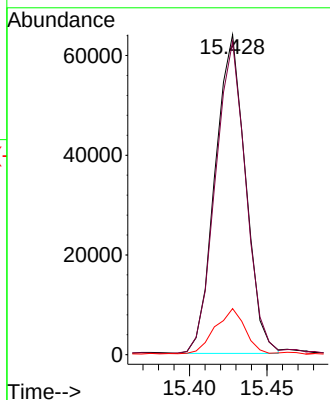
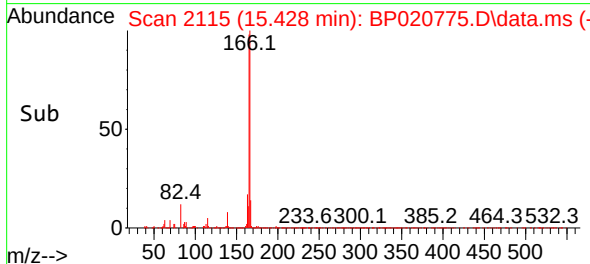
Instrument :
BNA_P
ClientSampleId :
A4B48DL



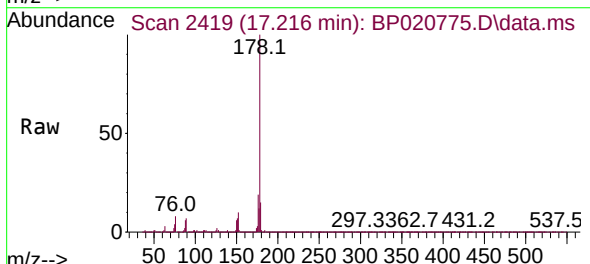
Tgt Ion:166 Resp: 8727
Ion Ratio Lower Upper
166 100
165 97.9 78.8 118.2
167 14.4 11.2 16.8

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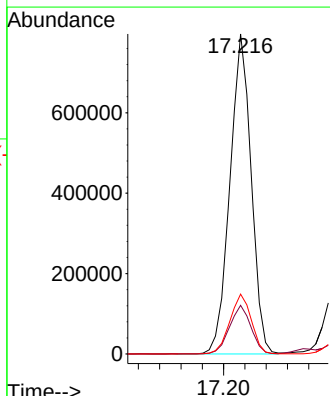
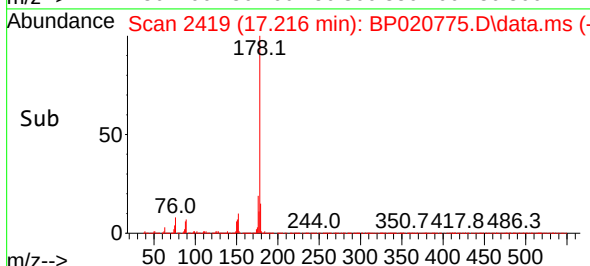
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

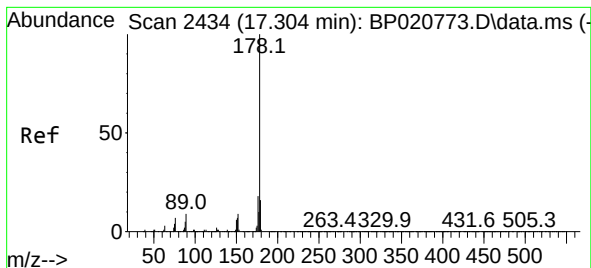


#72
Phenanthrene
Concen: 22.607 ng/ul
RT: 17.216 min Scan# 2419
Delta R.T. 0.012 min
Lab File: BP020775.D
Acq: 03 Jul 2024 18:46



Tgt Ion:178 Resp: 1103778
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 18.7 15.4 23.2





#74

Anthracene

Concen: 4.400 ng/u1

RT: 17.304 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BP020775.D

Acq: 03 Jul 2024 18:46

Instrument :

BNA_P

ClientSampleId :

A4B48DL

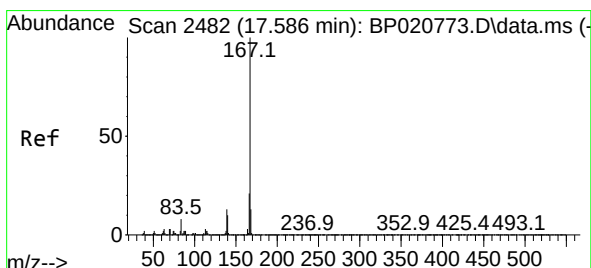
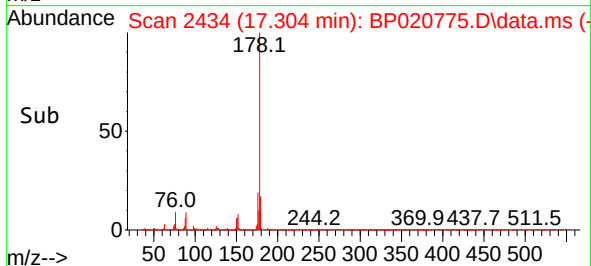
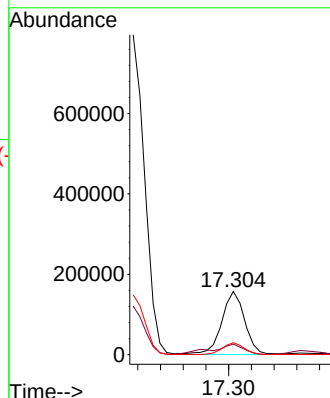
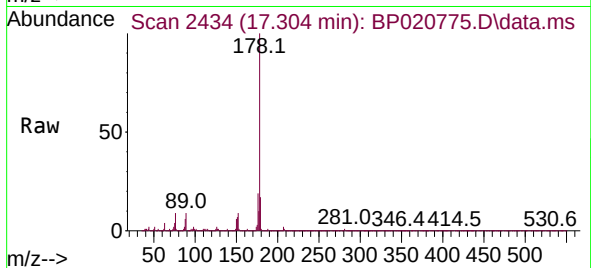
Tgt Ion:178	Resp: 22098
Ion Ratio	Lower Upper
178 100	
179 16.7	12.1 18.1
176 18.9	15.0 22.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#77

Carbazole

Concen: 2.988 ng/u1

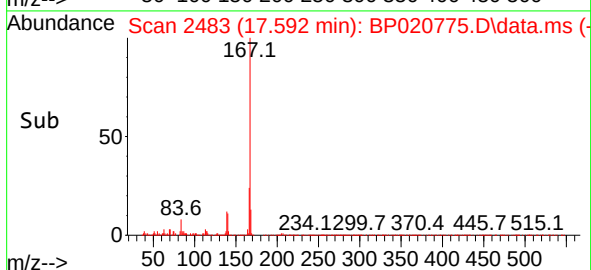
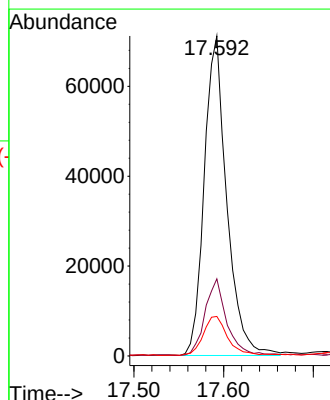
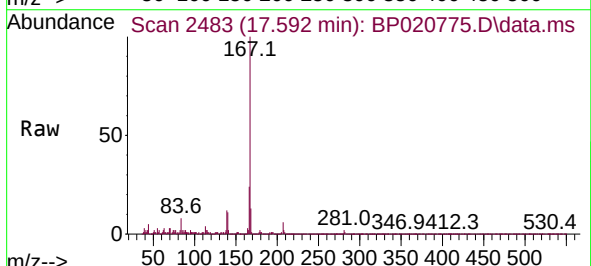
RT: 17.592 min Scan# 2483

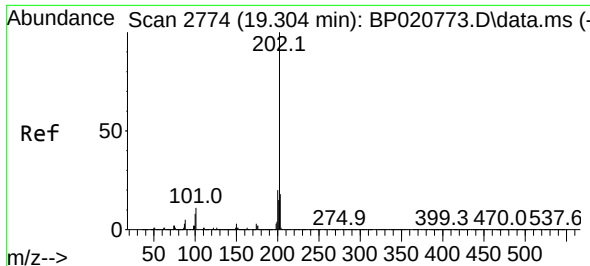
Delta R.T. 0.006 min

Lab File: BP020775.D

Acq: 03 Jul 2024 18:46

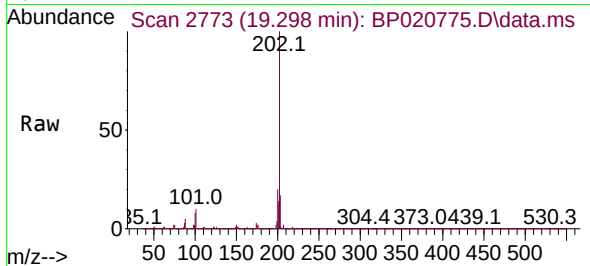
Tgt Ion:167	Resp: 123837
Ion Ratio	Lower Upper
167 100	
166 24.1	17.2 25.8
139 12.3	10.6 16.0





#80
Fluoranthene
Concen: 22.384 ng/u1
RT: 19.298 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP020775.D
Acq: 03 Jul 2024 18:46

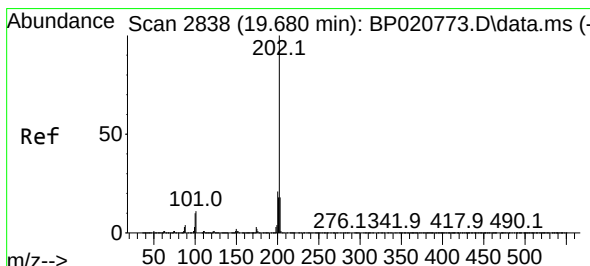
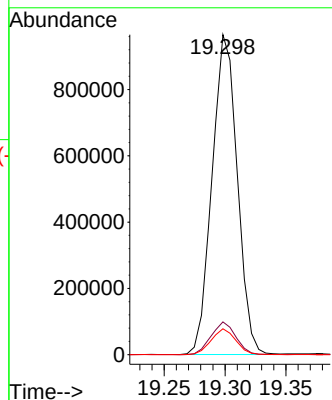
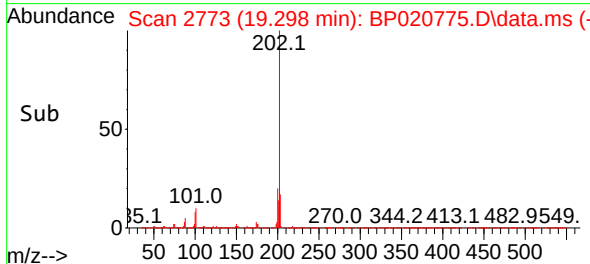
Instrument :
BNA_P
ClientSampleId :
A4B48DL



Tgt Ion:202 Resp: 139348
Ion Ratio Lower Upper
202 100
101 10.2 8.2 12.4
100 8.1 6.6 10.0

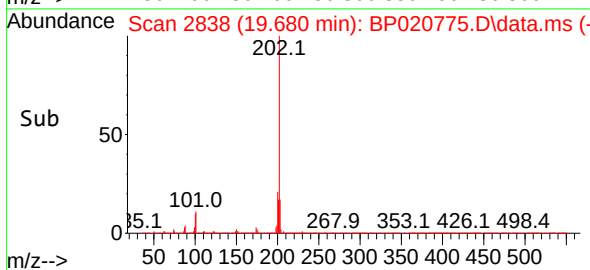
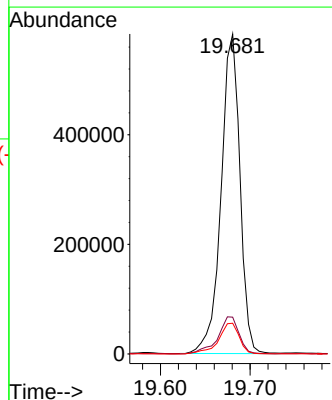
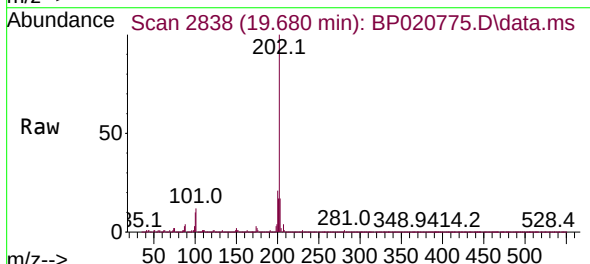
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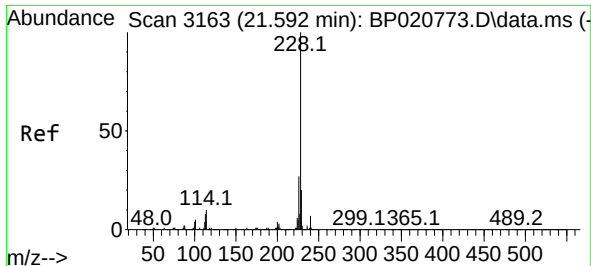
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#82
Pyrene
Concen: 13.326 ng/u1
RT: 19.680 min Scan# 2838
Delta R.T. 0.000 min
Lab File: BP020775.D
Acq: 03 Jul 2024 18:46

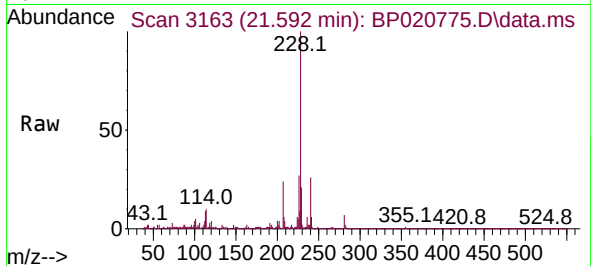
Tgt Ion:202 Resp: 850826
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.8
100 9.6 7.9 11.9





#85
Benzo(a)anthracene
Concen: 8.647 ng/ul
RT: 21.592 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BP020775.D
Acq: 03 Jul 2024 18:46

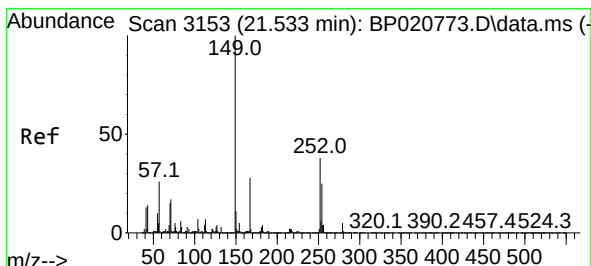
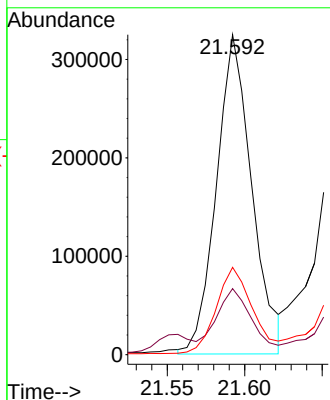
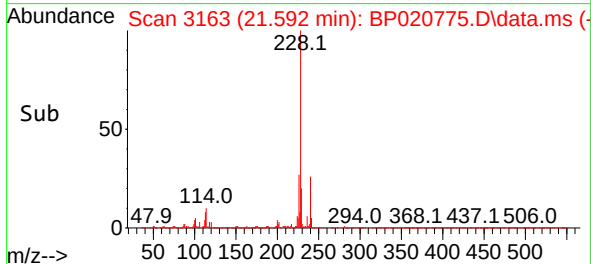
Instrument :
BNA_P
ClientSampleId :
A4B48DL



Tgt Ion:228 Resp: 51414
Ion Ratio Lower Upper
228 100
229 20.6 15.2 22.8
226 27.3 21.1 31.7

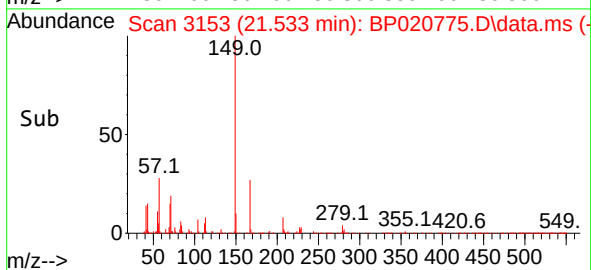
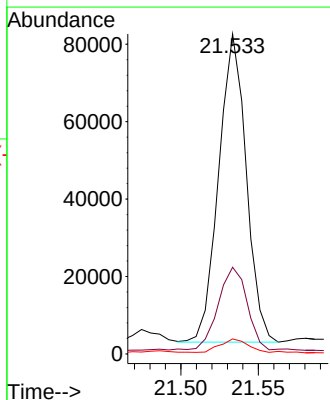
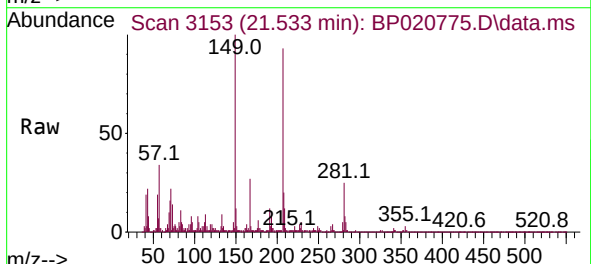
Manual Integrations
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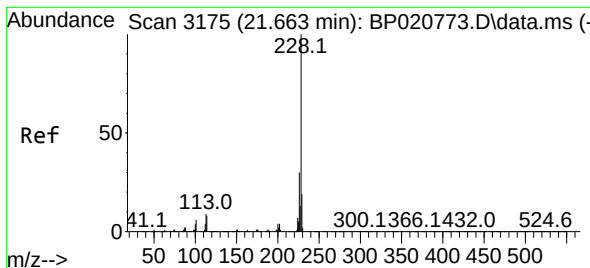
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.667 ng/ul
RT: 21.533 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP020775.D
Acq: 03 Jul 2024 18:46

Tgt Ion:149 Resp: 98187
Ion Ratio Lower Upper
149 100
167 27.1 22.0 33.0
279 4.7 3.3 4.9





#87

Chrysene

Concen: 8.336 ng/ul

RT: 21.663 min Scan# 3175

Delta R.T. -0.006 min

Lab File: BP020775.D

Acq: 03 Jul 2024 18:46

Instrument :

BNA_P

ClientSampleId :

A4B48DL

Tgt Ion:228 Resp: 46851

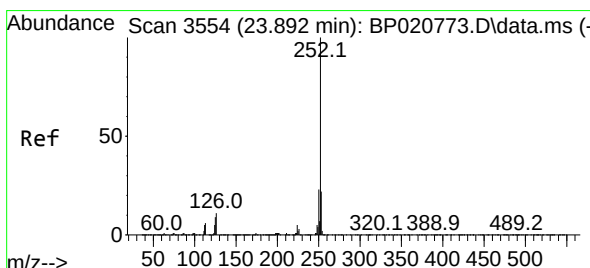
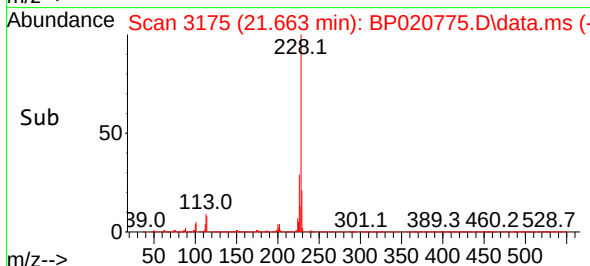
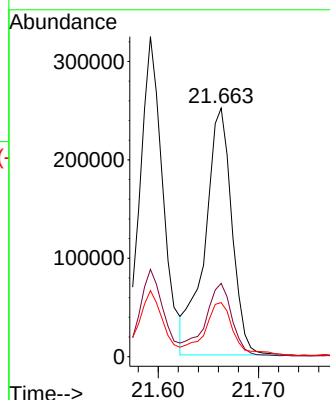
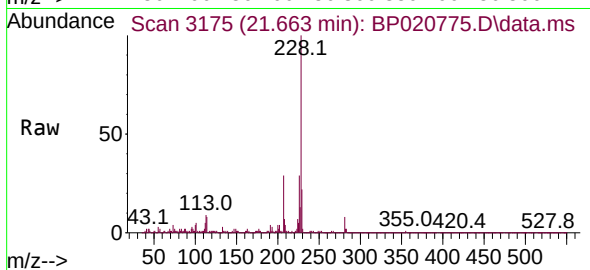
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.6
229	21.8	16.1	24.1

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2024



#90

Benzo(b)fluoranthene

Concen: 8.991 ng/ul

RT: 23.910 min Scan# 3557

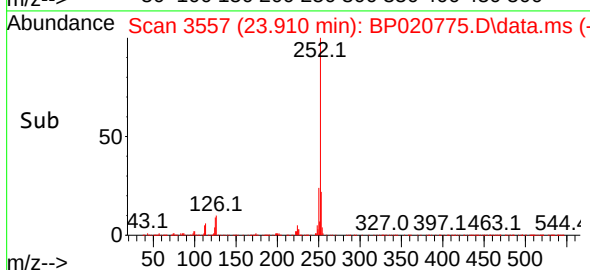
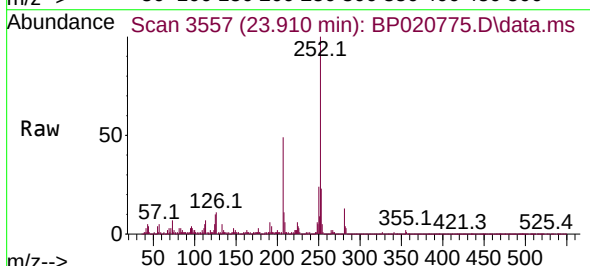
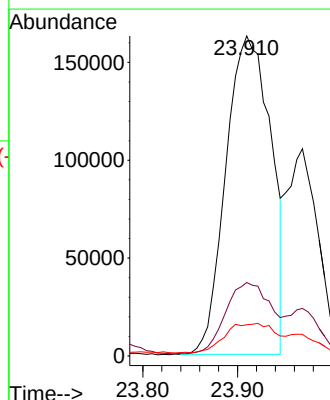
Delta R.T. 0.006 min

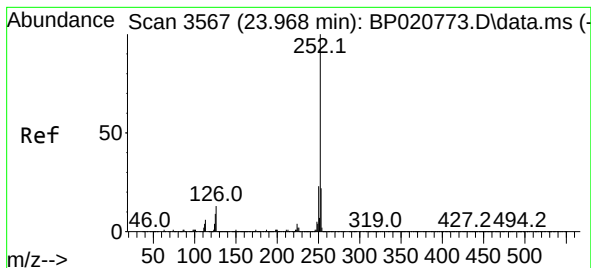
Lab File: BP020775.D

Acq: 03 Jul 2024 18:46

Tgt Ion:252 Resp: 537749

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	9.7	7.9	11.9





#91

Benzo(k)fluoranthene

Concen: 4.032 ng/ul m

RT: 23.969 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP020775.D

Acq: 03 Jul 2024 18:46

Instrument :

BNA_P

ClientSampleId :

A4B48DL

Tgt Ion:252 Resp: 243974

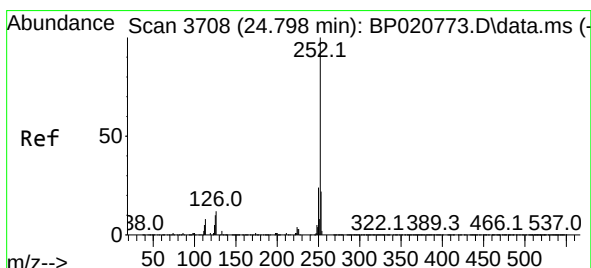
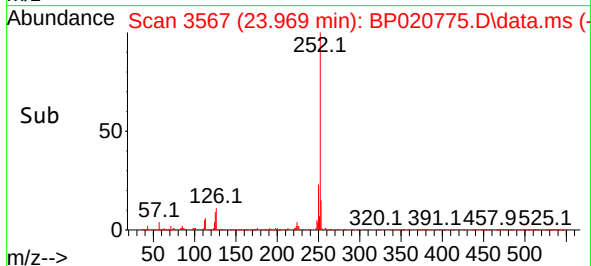
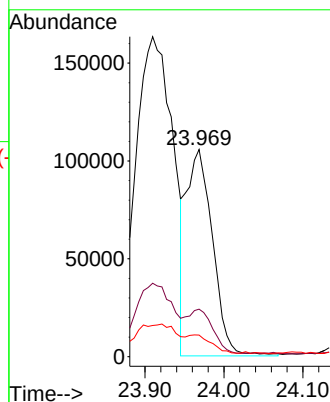
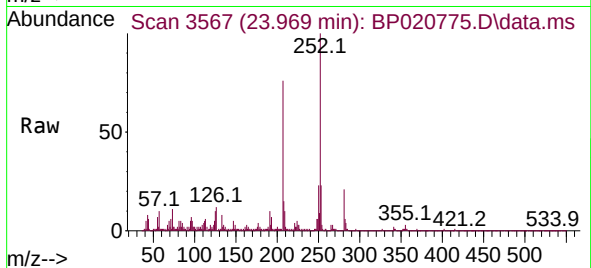
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	10.4	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#93

Benzo(a)pyrene

Concen: 3.650 ng/ul

RT: 24.804 min Scan# 3709

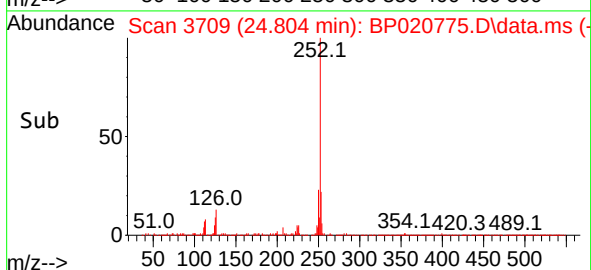
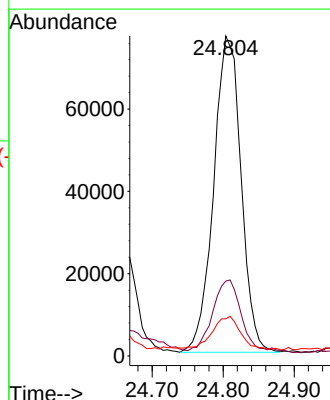
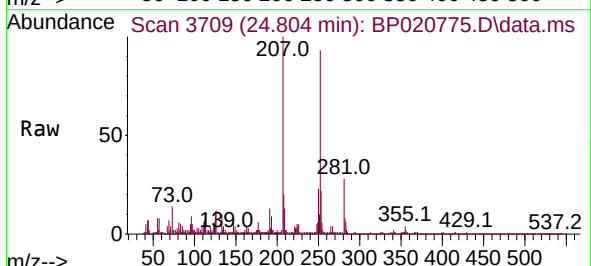
Delta R.T. -0.006 min

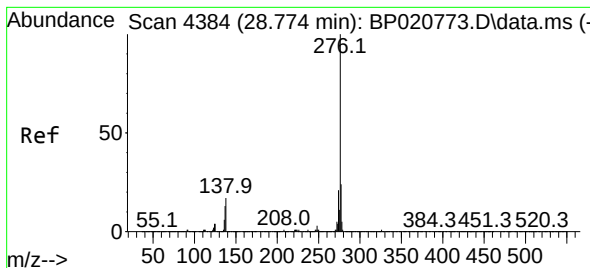
Lab File: BP020775.D

Acq: 03 Jul 2024 18:46

Tgt Ion:252 Resp: 206088

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	11.6	8.7	13.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.460 ng/ul

RT: 28.756 min Scan# 4381

Delta R.T. -0.006 min

Lab File: BP020775.D

Acq: 03 Jul 2024 18:46

Instrument :

BNA_P

ClientSampleId :

A4B48DL

Tgt Ion:276 Resp: 17813

Ion Ratio Lower Upper

276 100

138 18.4 15.2 22.8

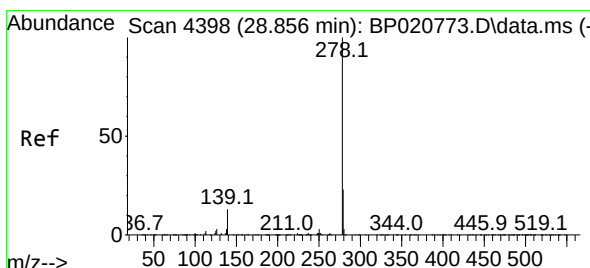
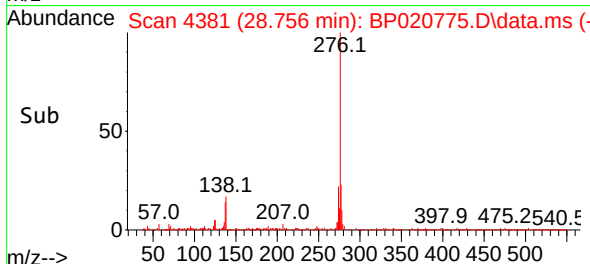
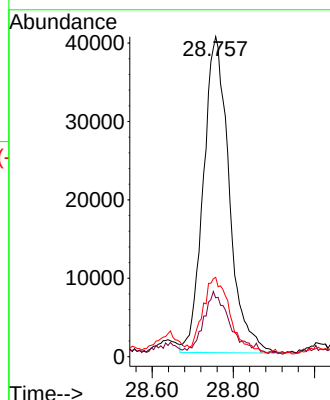
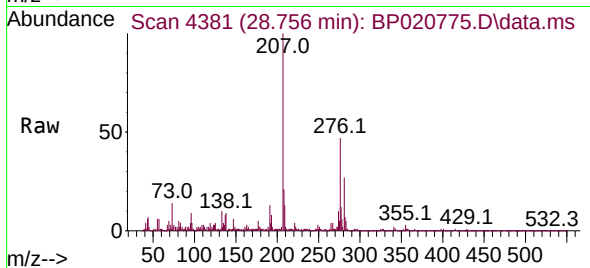
277 24.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.151 ng/ul m

RT: 28.809 min Scan# 4390

Delta R.T. -0.029 min

Lab File: BP020775.D

Acq: 03 Jul 2024 18:46

Tgt Ion:278 Resp: 68514

Ion Ratio Lower Upper

278 100

139 19.0 11.1 16.7#

279 30.7 18.7 28.1#

