

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020804.D
 Acq On : 06 Jul 2024 02:40
 Operator : MA/JU
 Sample : P2964-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CS4

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 03:25:57 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	175036	20.000	ng/u1	0.00
20) Naphthalene-d8	10.492	136	725010	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	467527	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	999185	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	918983	20.000	ng/u1	0.00
88) Perylene-d12	24.962	264	1092490	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	13840	3.395	ng/uL	0.00
4) Pyridine-d5	3.687	84	17051	1.435	ng/u1	0.00
7) Phenol-d5	6.916	99	285455	19.884	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	169351	18.607	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.269	132	240763	20.520	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	227646	19.524	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	116448	21.755	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.587	143	130390	24.342	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	234129	21.219	ng/u1	0.00
31) 4-Chloroaniline-d4	10.645	131	102823	6.650	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	728610	22.414	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	819422	21.125	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	84535	17.020	ng/u1	0.02
60) Fluorene-d10	15.369	176	632122	23.109	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	77797	15.450	ng/u1	0.00
73) Anthracene-d10	17.268	188	964530	21.509	ng/u1	0.00
81) Pyrene-d10	19.657	212	998920	18.093	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.739	264	789942	14.864	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.545	128	53510	1.379	ng/u1	98
50) Acenaphthylene	14.075	152	155237	3.543	ng/u1	99
56) Dibenzofuran	14.763	168	59230	1.512	ng/u1	99
61) Fluorene	15.422	166	73026	2.321	ng/u1	99
72) Phenanthrene	17.216	178	1267716	24.229	ng/u1	99
74) Anthracene	17.304	178	299027	5.556	ng/u1	99
80) Fluoranthene	19.310	202	2084485	30.910	ng/u1	97
82) Pyrene	19.686	202	1658580	23.981	ng/u1	99
85) Benzo(a)anthracene	21.604	228	983185	15.264	ng/u1	92
87) Chrysene	21.668	228	1000772	16.437	ng/u1	98
90) Benzo(b)fluoranthene	23.903	252	1240016	18.736	ng/u1	98
91) Benzo(k)fluoranthene	23.974	252	460330m	6.876	ng/u1	
93) Benzo(a)pyrene	24.803	252	573109	9.173	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.756	276	550844	6.874	ng/u1	96
95) Dibenzo(a,h)anthracene	28.821	278	171870m	2.610	ng/u1	
96) Benzo(g,h,i)perylene	29.933	276	87129m	1.332	ng/u1	

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

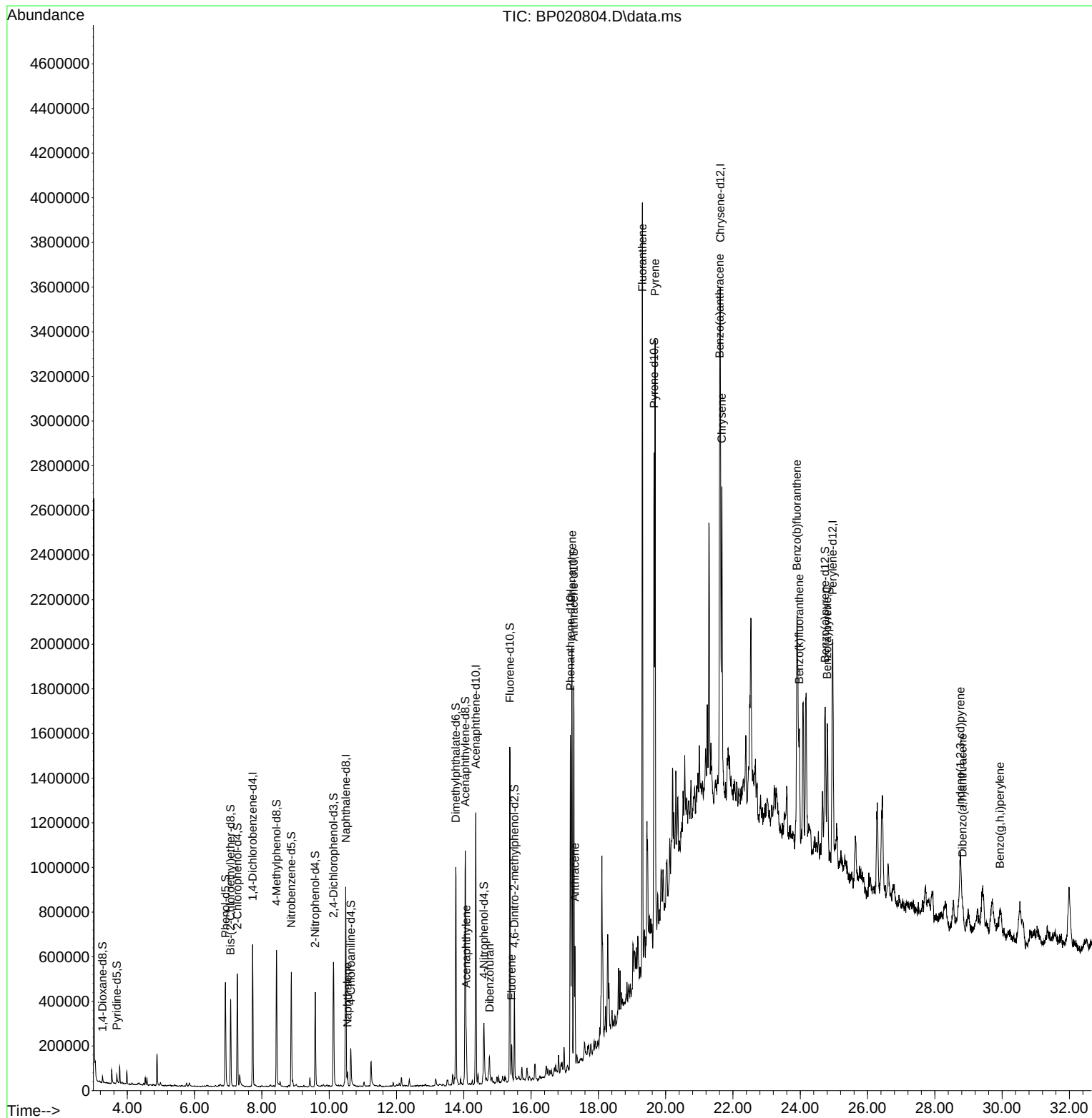
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020804.D
 Acq On : 06 Jul 2024 02:40
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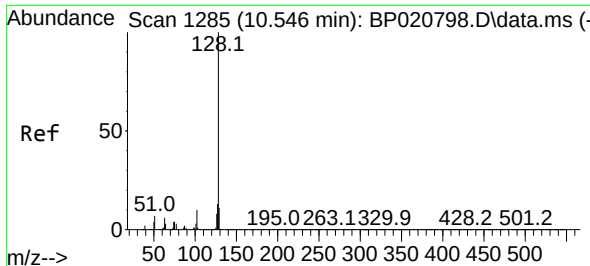
Instrument :
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 A4CS4

Quant Time: Jul 06 03:25:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
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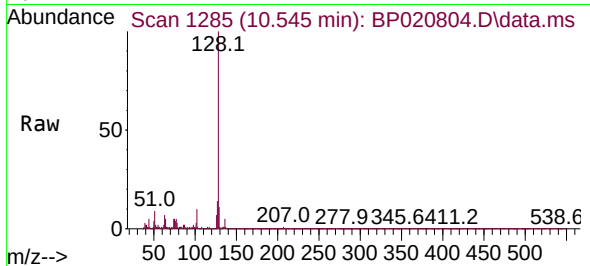
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024





#30
Naphthalene
Concen: 1.379 ng/ul
RT: 10.545 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BP020804.D
Acq: 06 Jul 2024 02:40

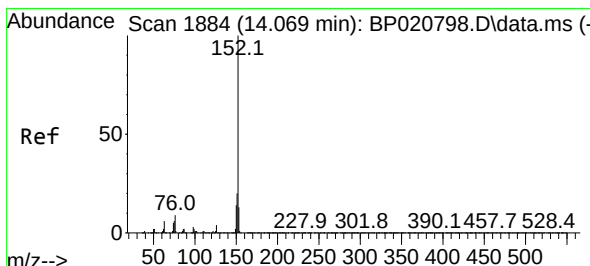
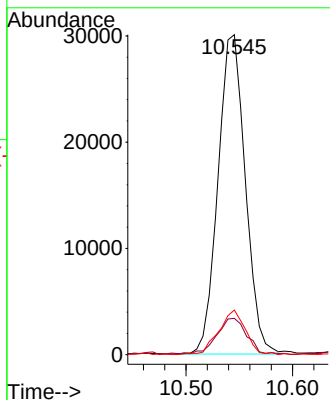
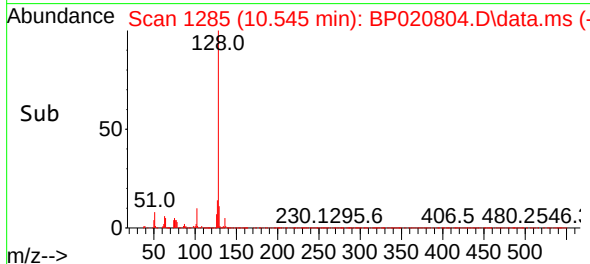
Instrument :
BNA_P
ClientSampleId :
A4CS4



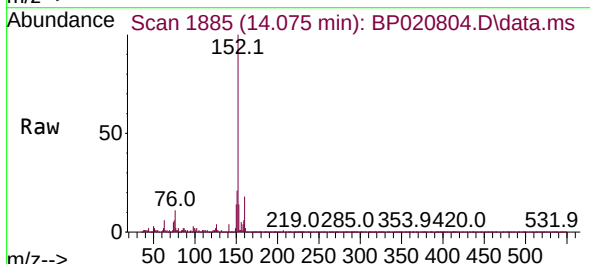
Tgt Ion:128 Resp: 53510
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 14.0 10.6 15.8

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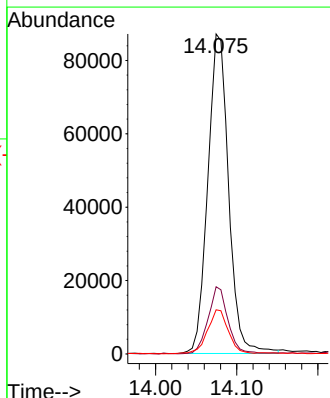
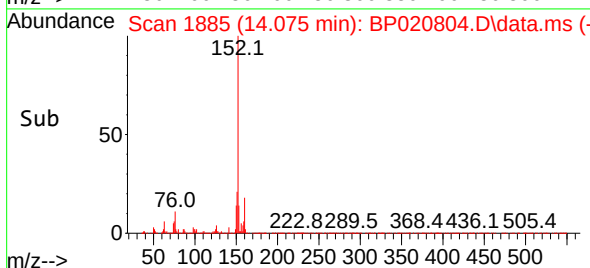
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

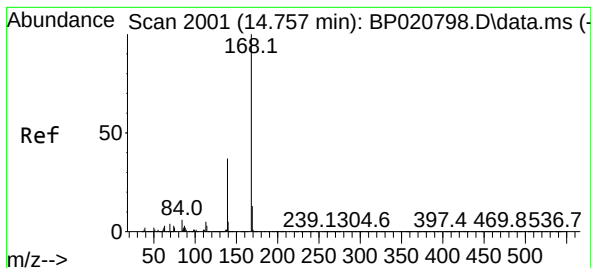


#50
Acenaphthylene
Concen: 3.543 ng/ul
RT: 14.075 min Scan# 1885
Delta R.T. 0.006 min
Lab File: BP020804.D
Acq: 06 Jul 2024 02:40



Tgt Ion:152 Resp: 155237
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4
153 13.8 10.8 16.2





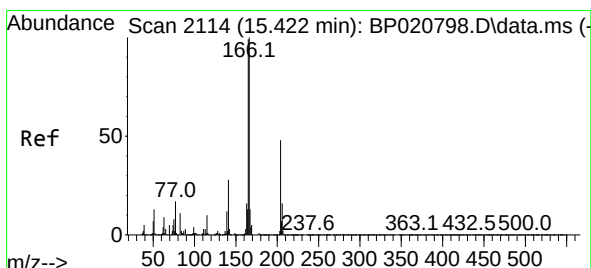
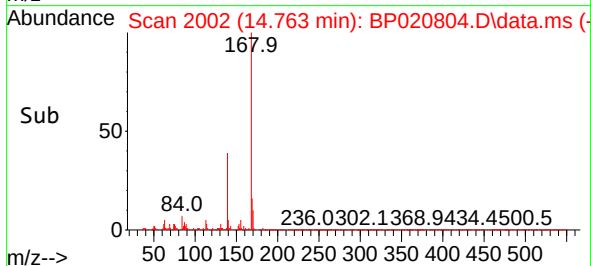
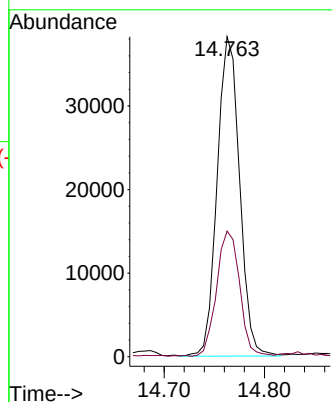
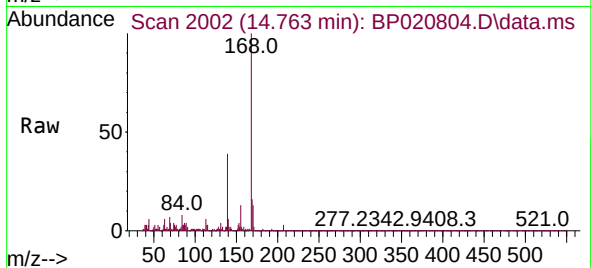
#56
Dibenzenofuran
Concen: 1.512 ng/ul
RT: 14.763 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BP020804.D
Acq: 06 Jul 2024 02:40

Instrument :
BNA_P
ClientSampleId :
A4CS4

Tgt Ion:168 Resp: 59230
Ion Ratio Lower Upper
168 100
139 39.3 30.7 46.1

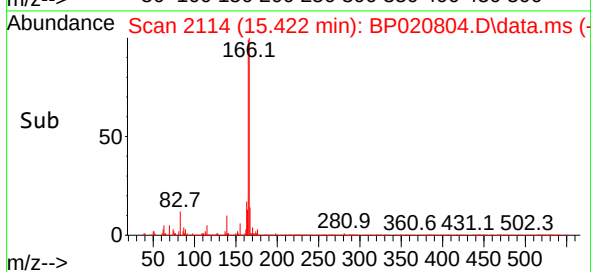
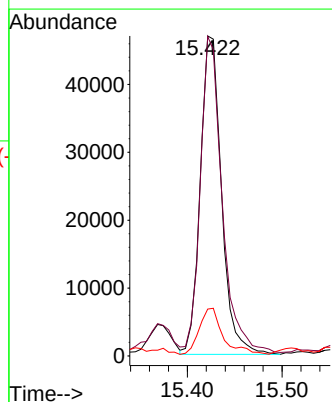
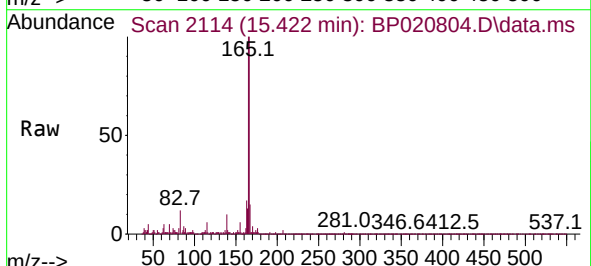
Manual Integrations
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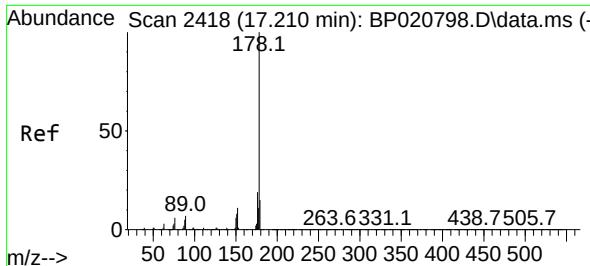
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#61
Fluorene
Concen: 2.321 ng/ul
RT: 15.422 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BP020804.D
Acq: 06 Jul 2024 02:40

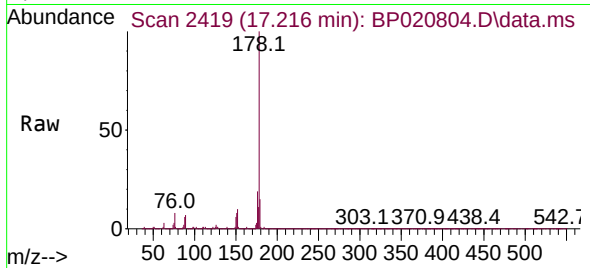
Tgt Ion:166 Resp: 73026
Ion Ratio Lower Upper
166 100
165 99.8 78.8 118.2
167 14.6 11.2 16.8





#72
Phenanthrene
Concen: 24.229 ng/ul
RT: 17.216 min Scan# 2419
Delta R.T. 0.011 min
Lab File: BP020804.D
Acq: 06 Jul 2024 02:40

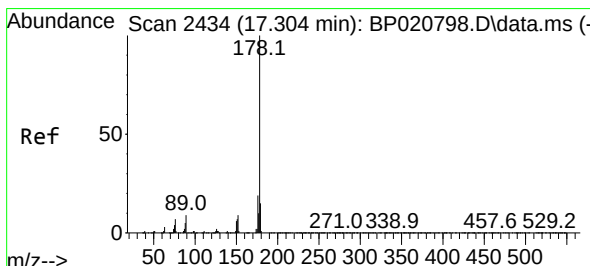
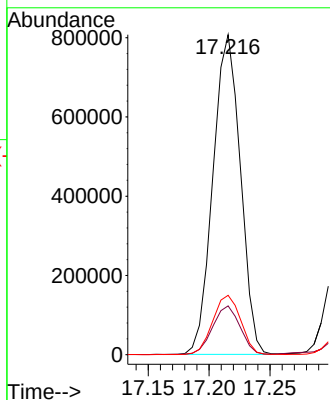
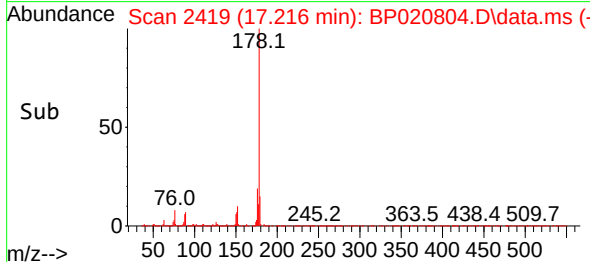
Instrument :
BNA_P
ClientSampleId :
A4CS4



Tgt Ion:178 Resp: 1267710
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 18.6 15.4 23.2

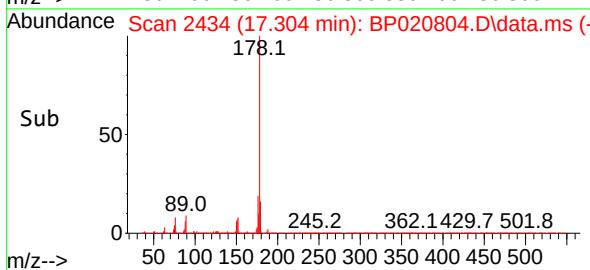
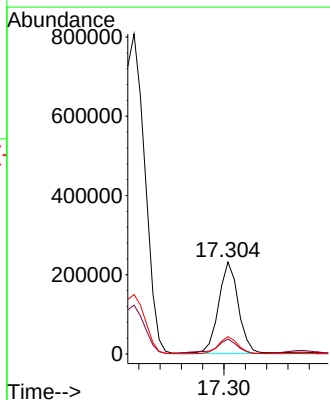
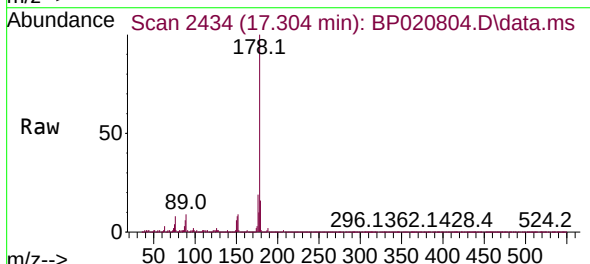
Manual Integrations
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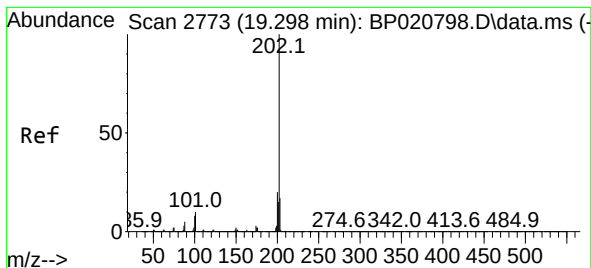
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#74
Anthracene
Concen: 5.556 ng/ul
RT: 17.304 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BP020804.D
Acq: 06 Jul 2024 02:40

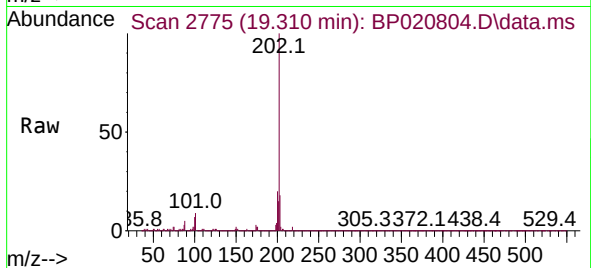
Tgt Ion:178 Resp: 299027
Ion Ratio Lower Upper
178 100
179 16.2 12.1 18.1
176 18.9 15.0 22.4





#80
Fluoranthene
Concen: 30.910 ng/u1
RT: 19.310 min Scan# 21
Delta R.T. 0.011 min
Lab File: BP020804.D
Acq: 06 Jul 2024 02:40

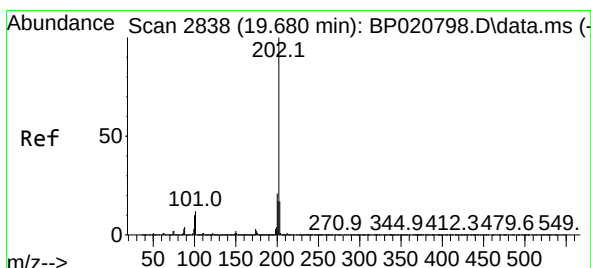
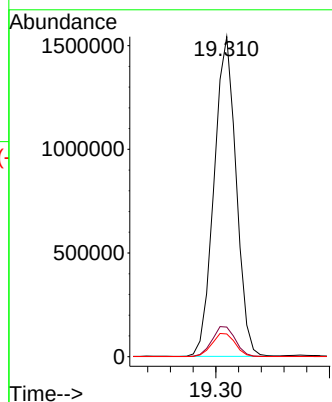
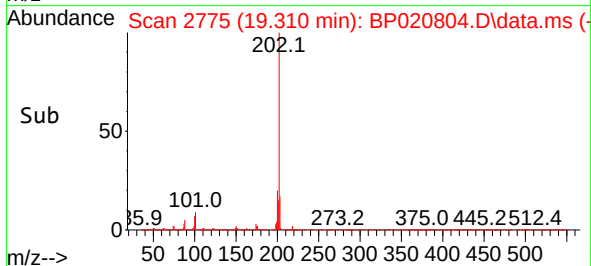
Instrument :
BNA_P
ClientSampleId :
A4CS4



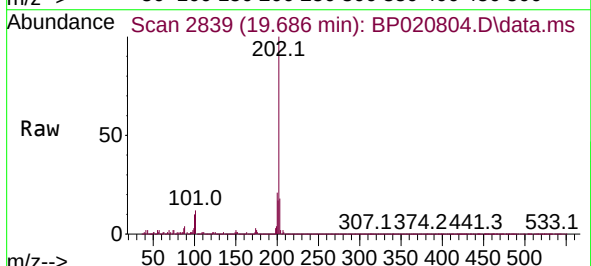
Tgt Ion:202 Resp: 208448
Ion Ratio Lower Upper
202 100
101 9.3 8.2 12.4
100 7.1 6.6 10.0

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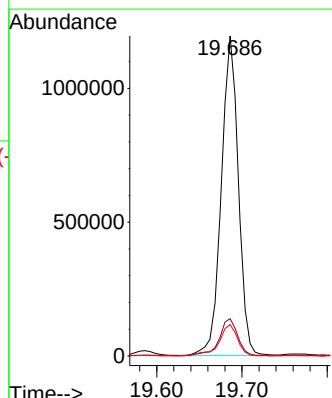
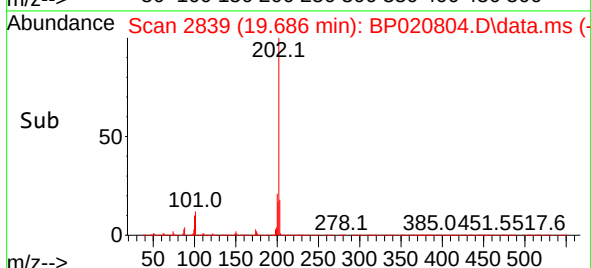
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

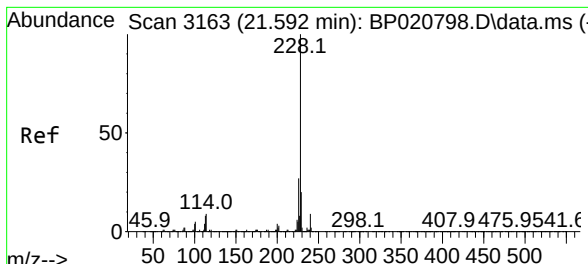


#82
Pyrene
Concen: 23.981 ng/u1
RT: 19.686 min Scan# 2839
Delta R.T. 0.006 min
Lab File: BP020804.D
Acq: 06 Jul 2024 02:40



Tgt Ion:202 Resp: 1658580
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.8
100 9.8 7.9 11.9



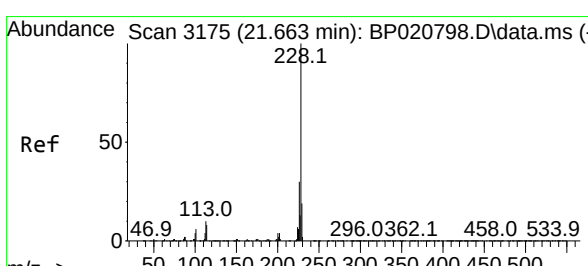
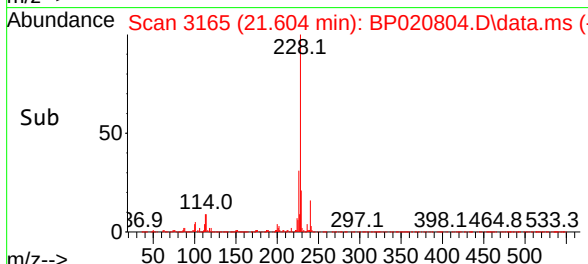
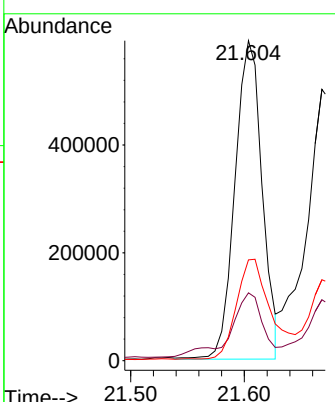
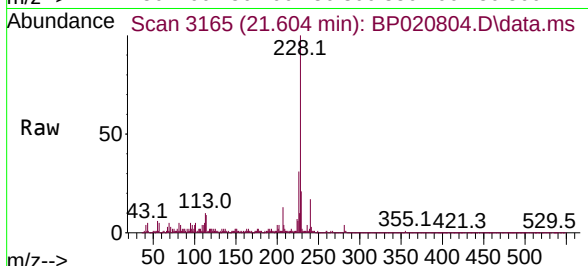


#85
Benzo(a)anthracene
Concen: 15.264 ng/u1
RT: 21.604 min Scan# 3165
Delta R.T. 0.006 min
Lab File: BP020804.D
Acq: 06 Jul 2024 02:40

Instrument : BNA_P
ClientSampleId : A4CS4

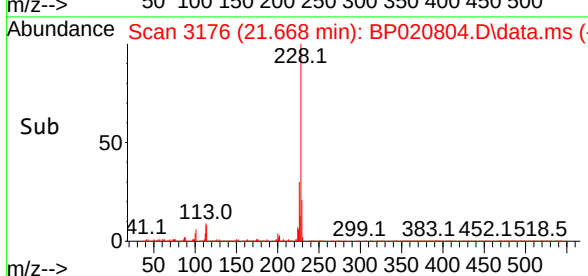
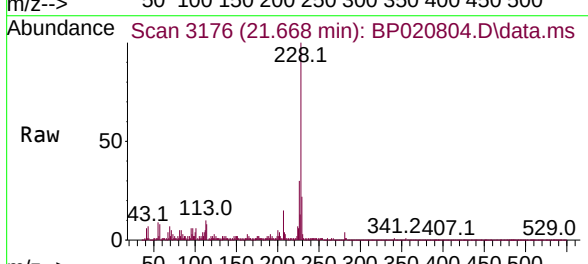
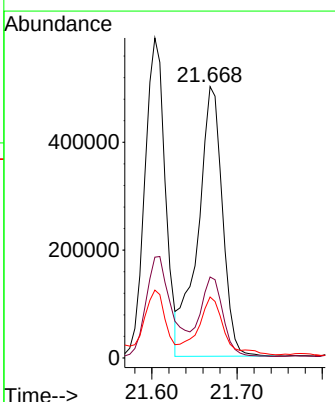
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Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.2	22.8
226	31.5	21.1	31.7

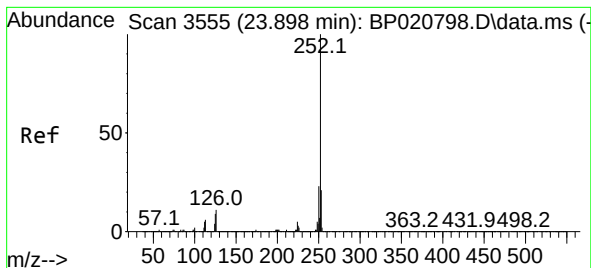
Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#87
Chrysene
Concen: 16.437 ng/u1
RT: 21.668 min Scan# 3176
Delta R.T. -0.000 min
Lab File: BP020804.D
Acq: 06 Jul 2024 02:40

Tgt Ion:	228	Resp:	1000772
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.8	35.6
229	22.4	16.1	24.1





#90

Benzo(b)fluoranthene

Concen: 18.736 ng/ul

RT: 23.903 min Scan# 3555

Delta R.T. -0.000 min

Lab File: BP020804.D

Acq: 06 Jul 2024 02:40

Instrument :

BNA_P

ClientSampleId :

A4CS4

Tgt Ion:252 Resp: 1240010

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

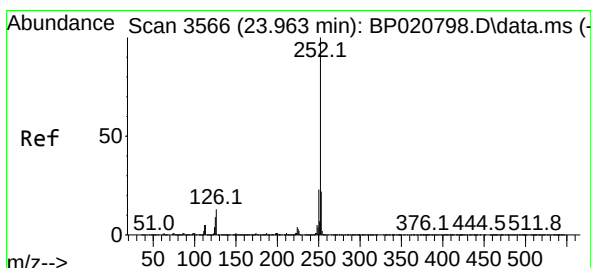
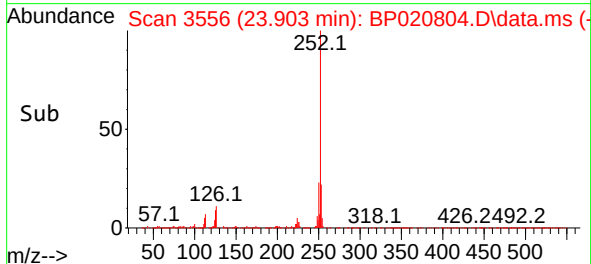
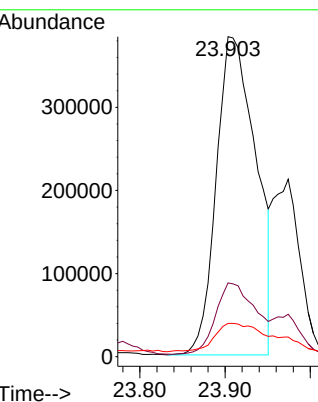
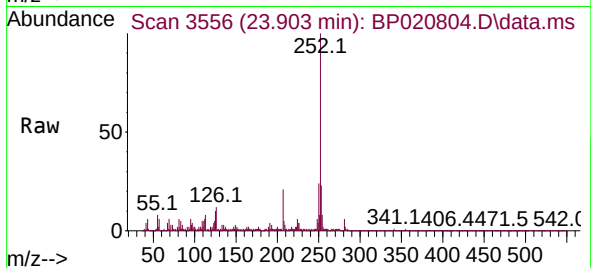
125 10.4 7.9 11.9

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#91

Benzo(k)fluoranthene

Concen: 6.876 ng/ul m

RT: 23.974 min Scan# 3568

Delta R.T. -0.000 min

Lab File: BP020804.D

Acq: 06 Jul 2024 02:40

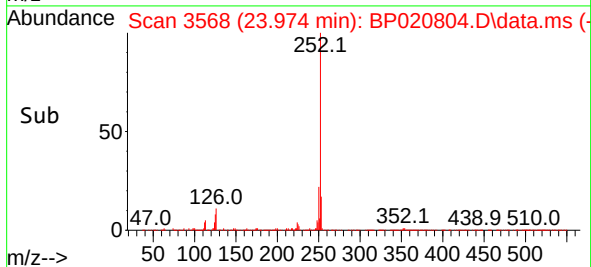
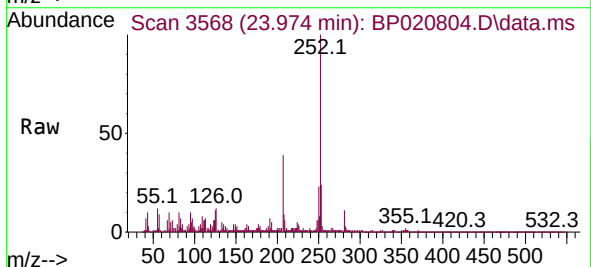
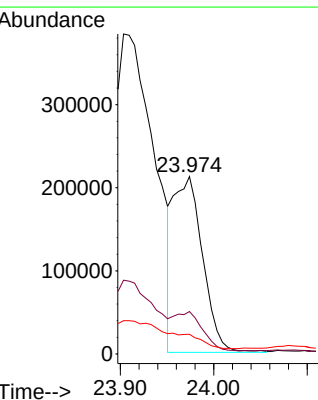
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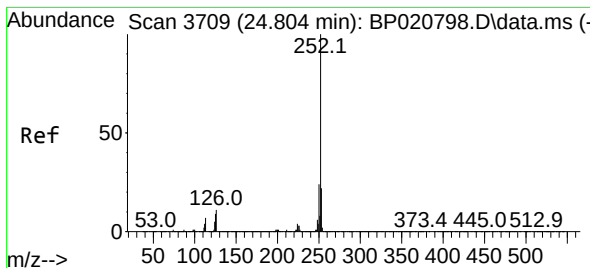
Ion Ratio Lower Upper

252 100

253 23.9 17.6 26.4

125 11.1 7.9 11.9





#93

Benzo(a)pyrene

Concen: 9.173 ng/ul

RT: 24.803 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP020804.D

Acq: 06 Jul 2024 02:40

Instrument :

BNA_P

ClientSampleId :

A4CS4

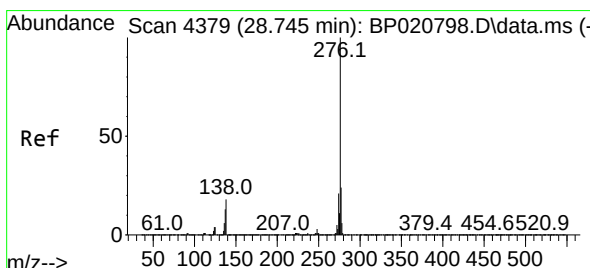
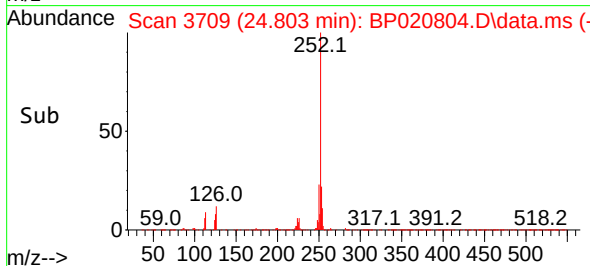
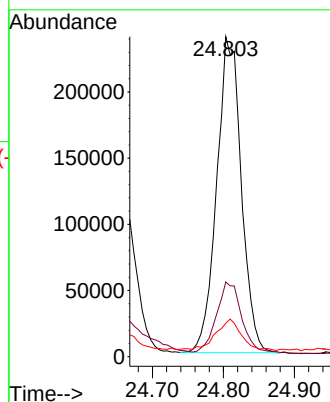
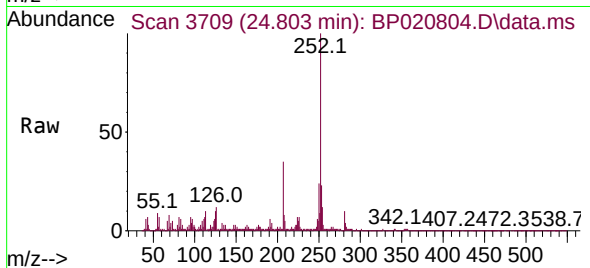
Tgt Ion:	252	Resp:	573109
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.4	26.2
125	10.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.874 ng/ul

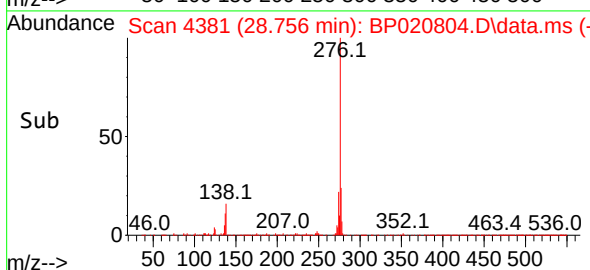
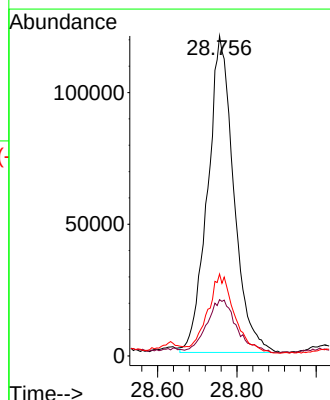
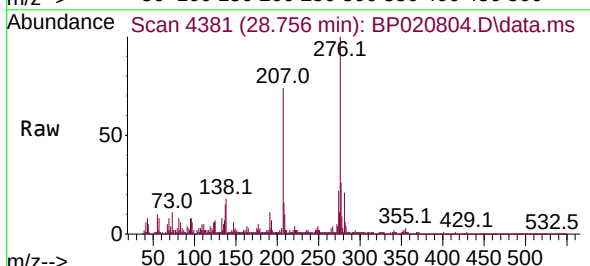
RT: 28.756 min Scan# 4381

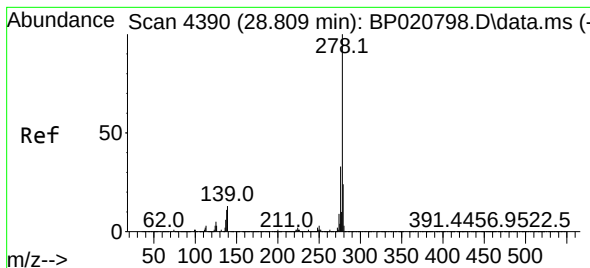
Delta R.T. -0.006 min

Lab File: BP020804.D

Acq: 06 Jul 2024 02:40

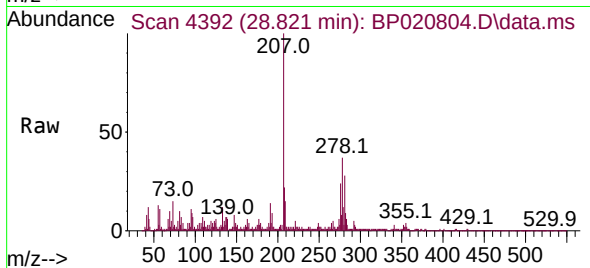
Tgt Ion:	276	Resp:	550844
Ion Ratio	Lower	Upper	
276	100		
138	17.6	15.2	22.8
277	25.6	19.0	28.4





#95
Dibenzo(a,h)anthracene
Concen: 2.610 ng/ul m
RT: 28.821 min Scan# 41
Delta R.T. -0.018 min
Lab File: BP020804.D
Acq: 06 Jul 2024 02:40

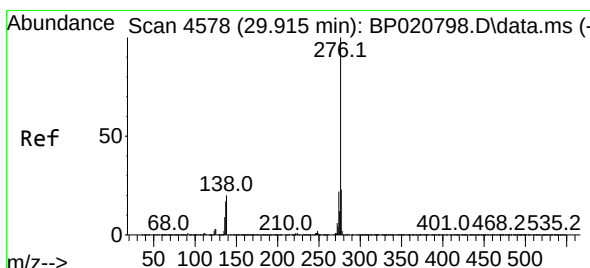
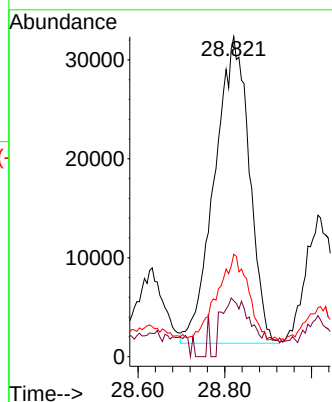
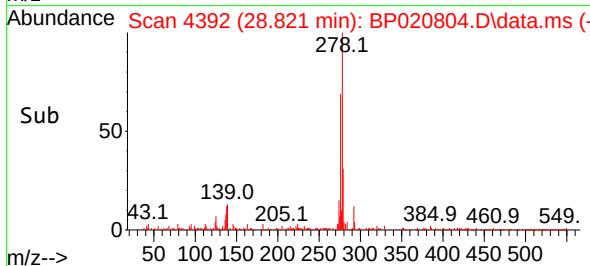
Instrument :
BNA_P
ClientSampleId :
A4CS4



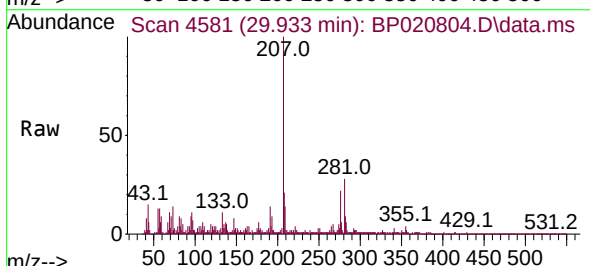
Tgt Ion:278 Resp: 171870
Ion Ratio Lower Upper
278 100
139 17.4 11.1 16.7
279 32.0 18.7 28.1

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 1.332 ng/ul m
RT: 29.933 min Scan# 4581
Delta R.T. -0.006 min
Lab File: BP020804.D
Acq: 06 Jul 2024 02:40



Tgt Ion:276 Resp: 87129
Ion Ratio Lower Upper
276 100
138 20.6 16.4 24.6
277 28.8 18.7 28.1

