

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
 Data File : BP020918.D
 Acq On : 12 Jul 2024 02:08
 Operator : MA/JU
 Sample : P3087-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CC1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

Quant Time: Jul 12 04:02:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 10 18:38:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	254862	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	1038261	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	608591	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1154234	20.000	ng/u1	-0.01
79) Chrysene-d12	21.622	240	1117552	20.000	ng/u1	0.00
88) Perylene-d12	24.974	264	1325058	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	21342	3.811	ng/uL	0.00
4) Pyridine-d5	3.681	84	19313	1.191	ng/u1	0.01
7) Phenol-d5	6.916	99	476252	22.921	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	310589	24.665	ng/u1	0.00
11) 2-Chlorophenol-d4	7.263	132	420558	24.566	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	395366	22.910	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	202692	25.134	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	236747	25.650	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	391052	23.430	ng/u1	0.00
31) 4-Chloroaniline-d4	10.634	131	382332	17.292	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	1130330	25.549	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	1268629	25.538	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.616	143	121227	19.259	ng/u1	0.00
60) Fluorene-d10	15.363	176	923263	25.438	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	130525	18.690	ng/u1	0.00
73) Anthracene-d10	17.263	188	1308139	25.517	ng/u1	-0.01
81) Pyrene-d10	19.657	212	1330632	19.259	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.739	264	1062951	16.265	ng/u1	-0.02
Target Compounds					Qvalue	
61) Fluorene	15.416	166	55360	1.327	ng/u1	97
72) Phenanthrene	17.210	178	631194	10.541	ng/u1	100
74) Anthracene	17.298	178	136971	2.244	ng/u1	99
77) Carbazole	17.598	167	53759	1.077	ng/u1	97
80) Fluoranthene	19.304	202	938336	11.246	ng/u1	98
82) Pyrene	19.686	202	622868	7.336	ng/u1	99
85) Benzo(a)anthracene	21.604	228	400415	5.115	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	127491	2.504	ng/u1	99
87) Chrysene	21.674	228	378801	5.207	ng/u1	96
90) Benzo(b)fluoranthene	23.910	252	473867	5.893	ng/u1#	97
91) Benzo(k)fluoranthene	23.980	252	192090m	2.394	ng/u1	
93) Benzo(a)pyrene	24.816	252	178907	2.354	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	28.786	276	154978	1.583	ng/u1	96

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

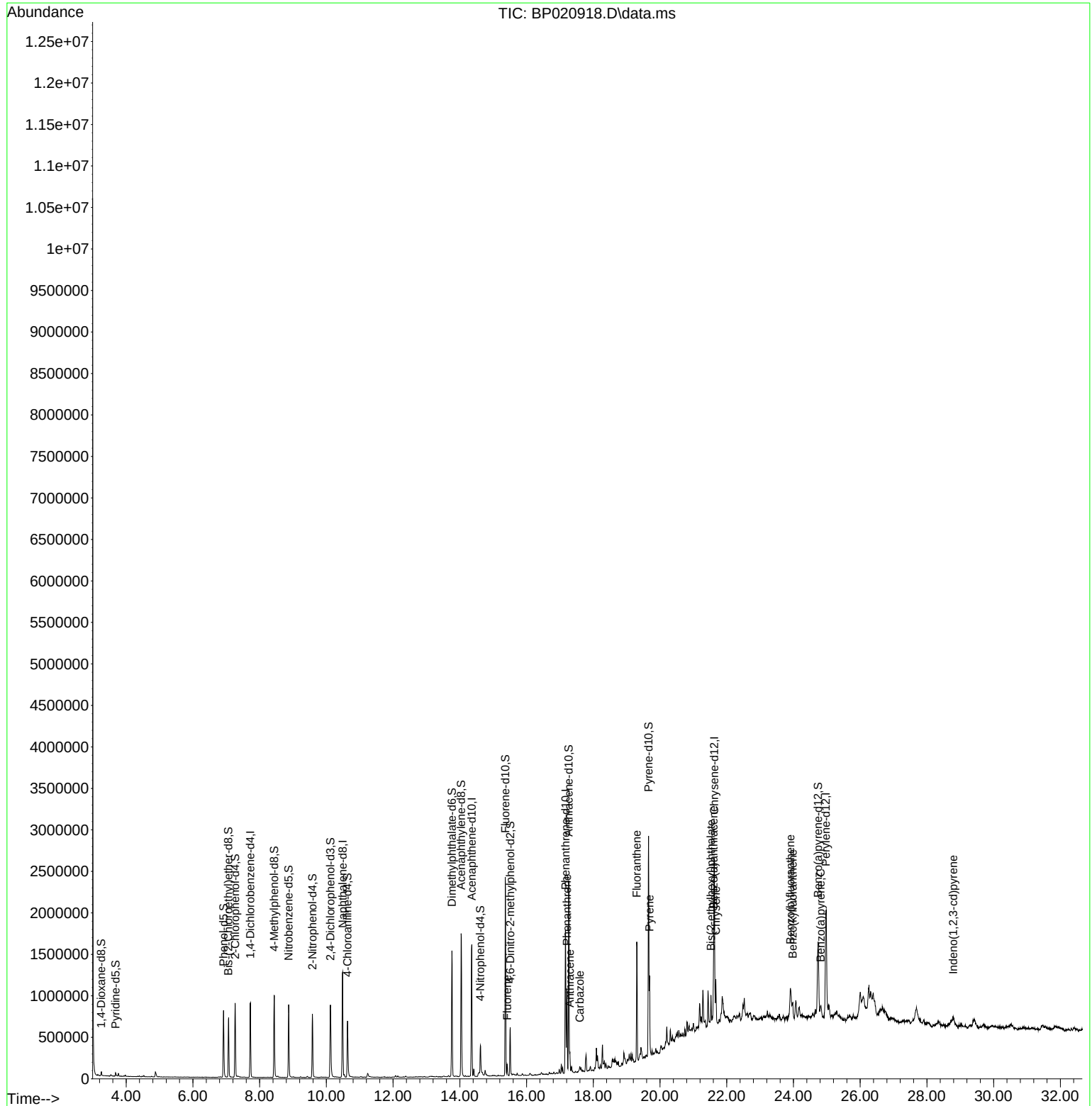
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020918.D
Acq On : 12 Jul 2024 02:08
Operator : MA/JU
Sample : P3087-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

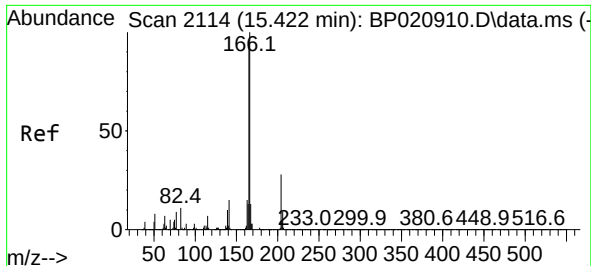
Instrument :
BNA_P
ClientSampleId :
A4CC1

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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 10 18:38:19 2024
Response via : Initial Calibration





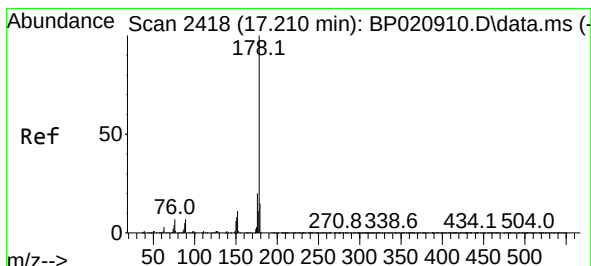
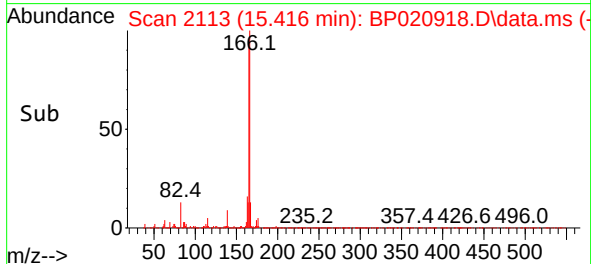
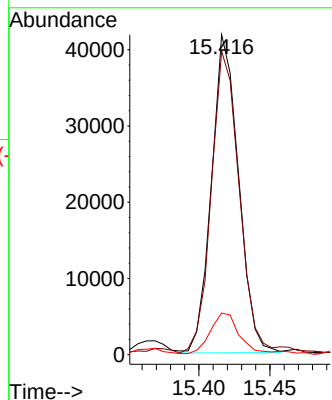
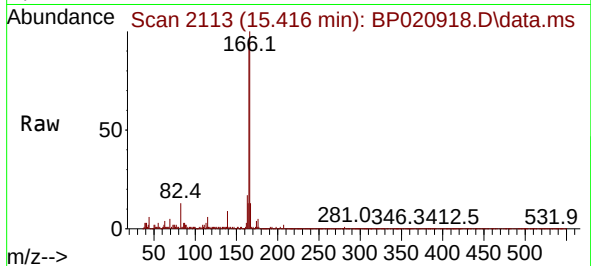
#61
Fluorene
Concen: 1.327 ng/ul
RT: 15.416 min Scan# 2113
Delta R.T. -0.012 min
Lab File: BP020918.D
Acq: 12 Jul 2024 02:08

Instrument :
BNA_P
ClientSampleId :
A4CC1

Tgt Ion:166 Resp: 55360
Ion Ratio Lower Upper
166 100
165 94.9 78.1 117.1
167 13.0 10.9 16.3

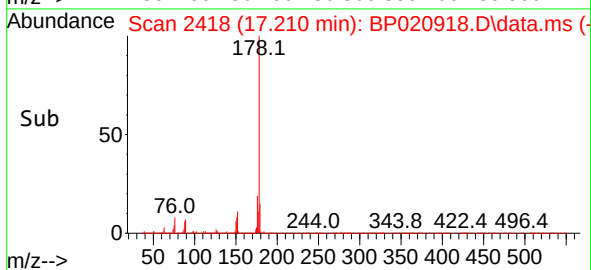
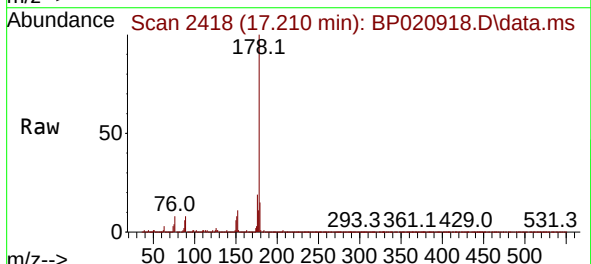
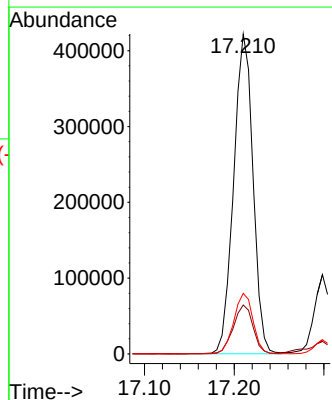
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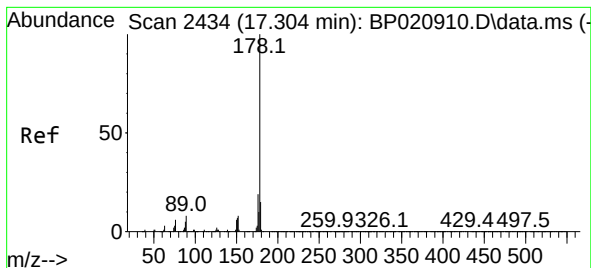
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#72
Phenanthrene
Concen: 10.541 ng/ul
RT: 17.210 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP020918.D
Acq: 12 Jul 2024 02:08

Tgt Ion:178 Resp: 631194
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.0 15.0 22.4





#74

Anthracene

Concen: 2.244 ng/ul

RT: 17.298 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP020918.D

Acq: 12 Jul 2024 02:08

Instrument :

BNA_P

ClientSampleId :

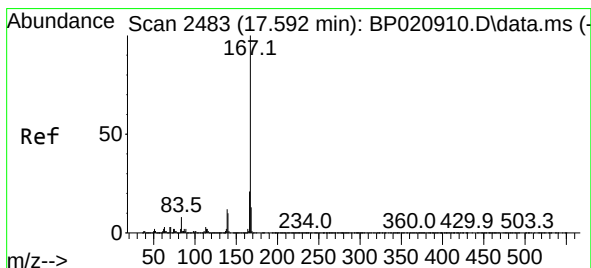
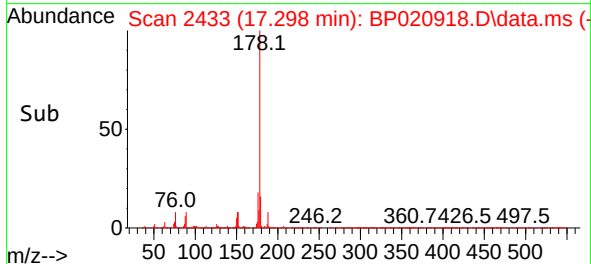
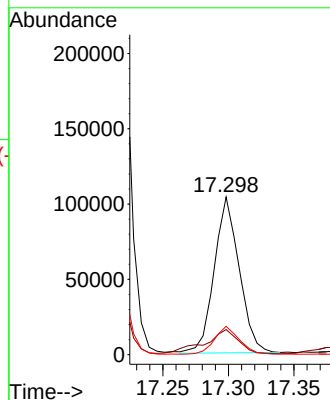
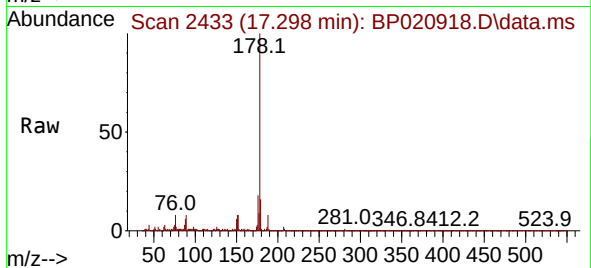
A4CC1

Tgt Ion:	178	Resp:	13697
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.5	18.7
176	18.0	14.8	22.2

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#77

Carbazole

Concen: 1.077 ng/ul

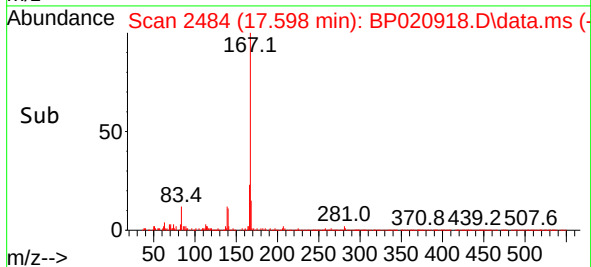
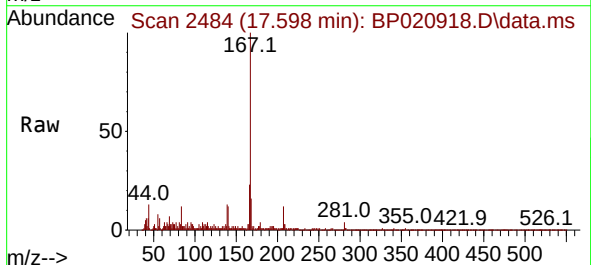
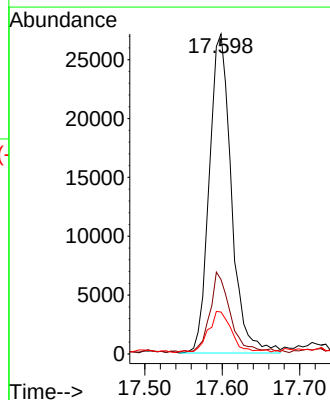
RT: 17.598 min Scan# 2484

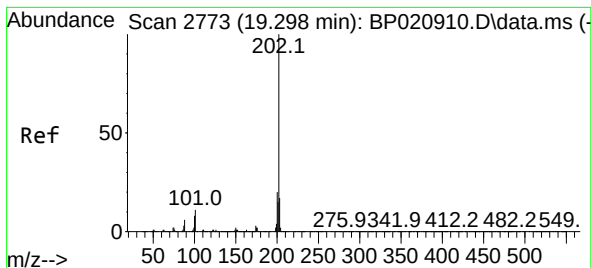
Delta R.T. 0.000 min

Lab File: BP020918.D

Acq: 12 Jul 2024 02:08

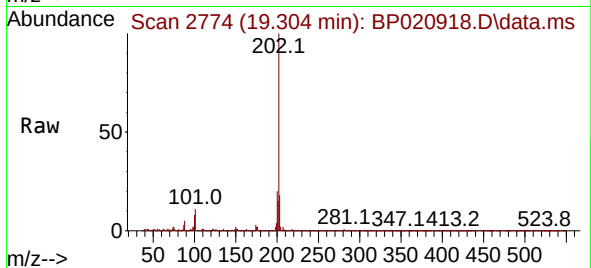
Tgt Ion:	167	Resp:	53759
Ion Ratio	Lower	Upper	
167	100		
166	23.2	17.3	25.9
139	13.1	10.2	15.2





#80
Fluoranthene
Concen: 11.246 ng/ul
RT: 19.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP020918.D
Acq: 12 Jul 2024 02:08

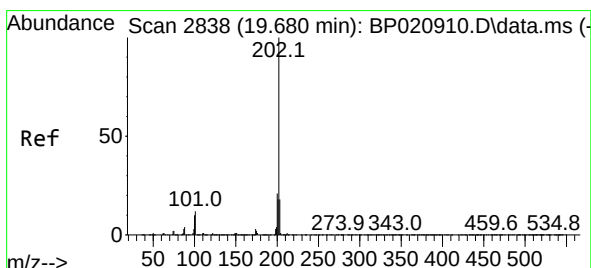
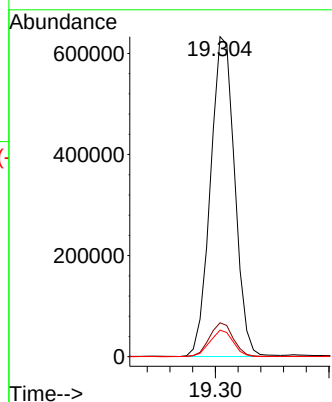
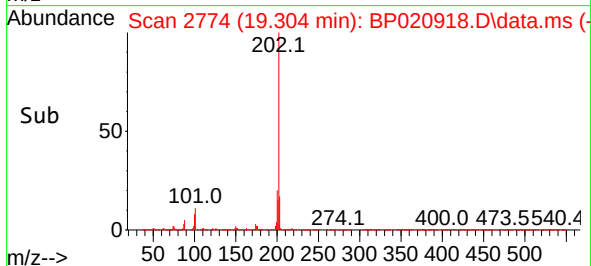
Instrument :
BNA_P
ClientSampleId :
A4CC1



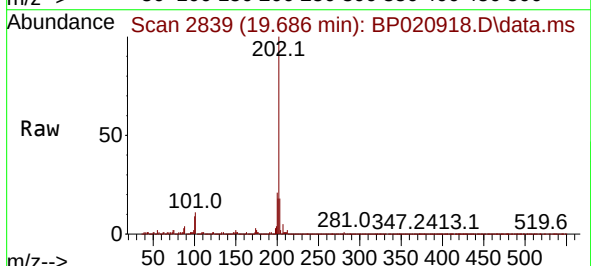
Tgt Ion:202 Resp: 938330
Ion Ratio Lower Upper
202 100
101 10.6 8.0 12.0
100 8.3 6.1 9.1

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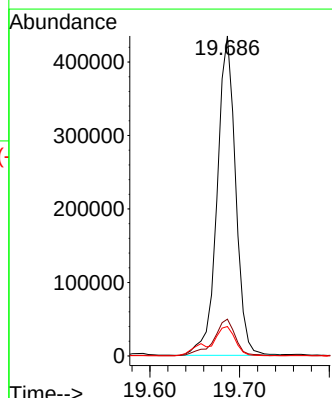
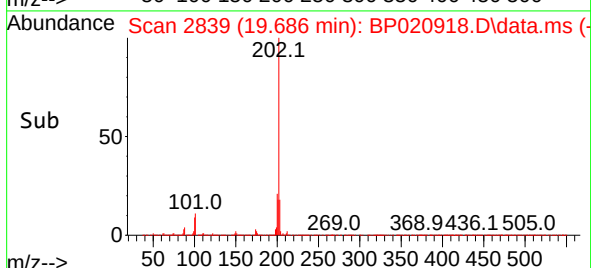
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

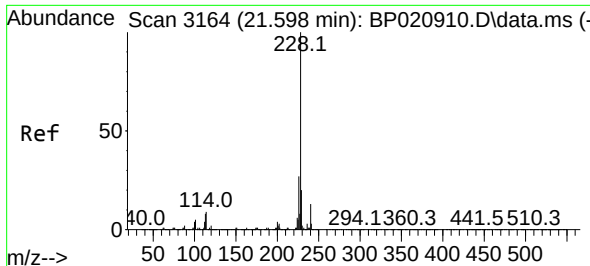


#82
Pyrene
Concen: 7.336 ng/ul
RT: 19.686 min Scan# 2839
Delta R.T. -0.006 min
Lab File: BP020918.D
Acq: 12 Jul 2024 02:08



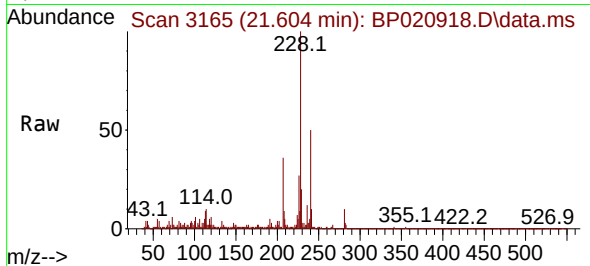
Tgt Ion:202 Resp: 622868
Ion Ratio Lower Upper
202 100
101 11.5 9.4 14.2
100 9.2 7.8 11.6





#85
Benzo(a)anthracene
Concen: 5.115 ng/ul
RT: 21.604 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BP020918.D
Acq: 12 Jul 2024 02:08

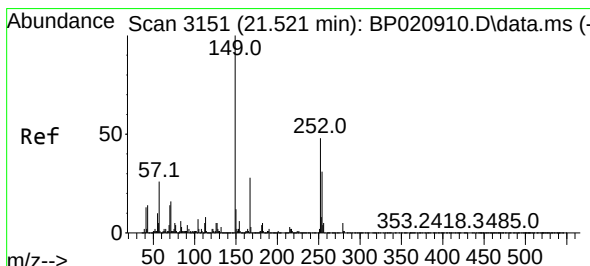
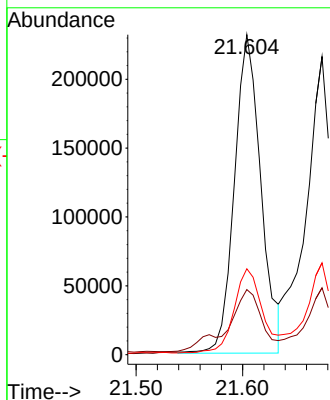
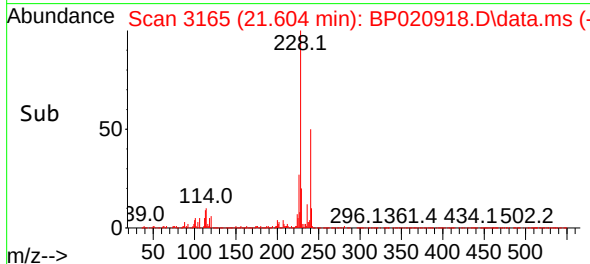
Instrument :
BNA_P
ClientSampleId :
A4CC1



Tgt Ion:228 Resp: 400415
Ion Ratio Lower Upper
228 100
229 20.4 15.5 23.3
226 26.9 21.4 32.2

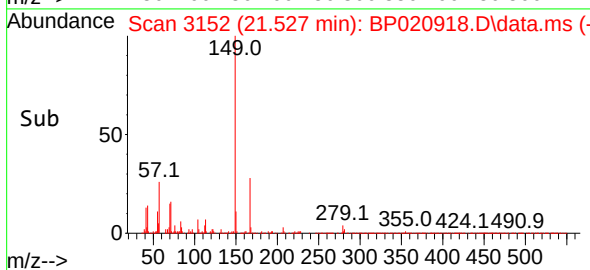
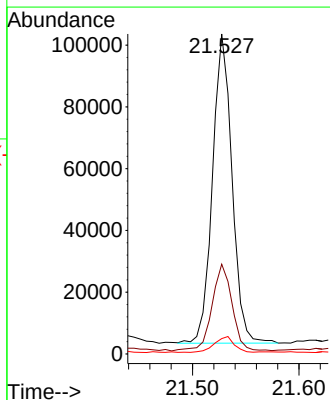
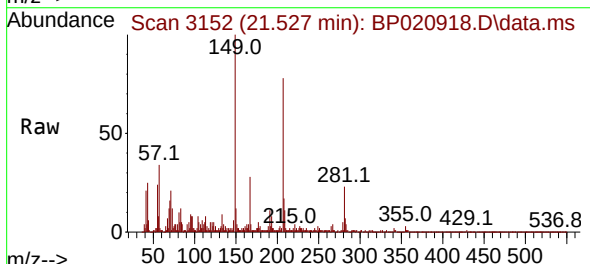
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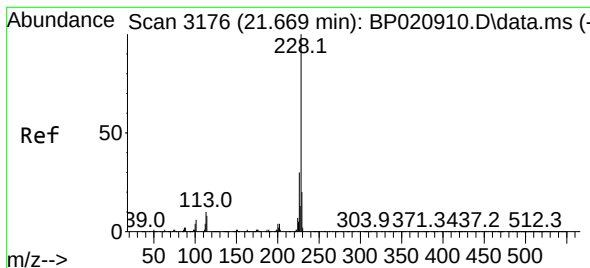
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.504 ng/ul
RT: 21.527 min Scan# 3152
Delta R.T. -0.012 min
Lab File: BP020918.D
Acq: 12 Jul 2024 02:08

Tgt Ion:149 Resp: 127491
Ion Ratio Lower Upper
149 100
167 28.0 22.1 33.1
279 4.8 3.7 5.5





#87

Chrysene

Concen: 5.207 ng/ul

RT: 21.674 min Scan# 3176

Delta R.T. 0.000 min

Lab File: BP020918.D

Acq: 12 Jul 2024 02:08

Instrument :

BNA_P

ClientSampleId :

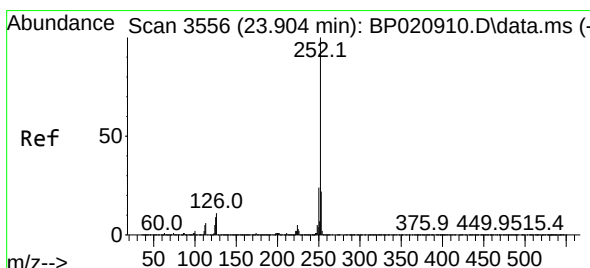
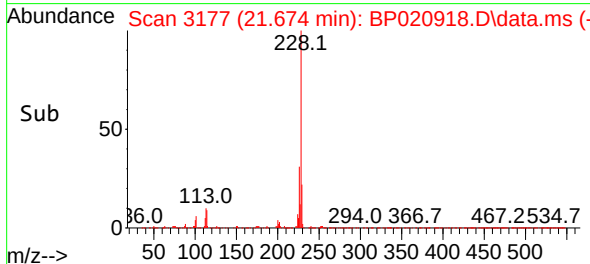
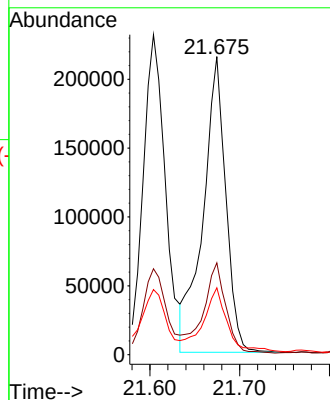
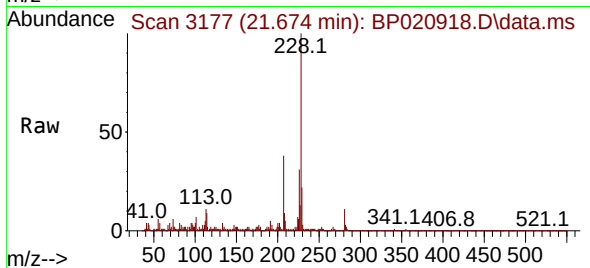
A4CC1

Tgt Ion:228 Resp: 37880
 Ion Ratio Lower Upper
 228 100
 226 30.8 23.6 35.4
 229 22.4 15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 5.893 ng/ul

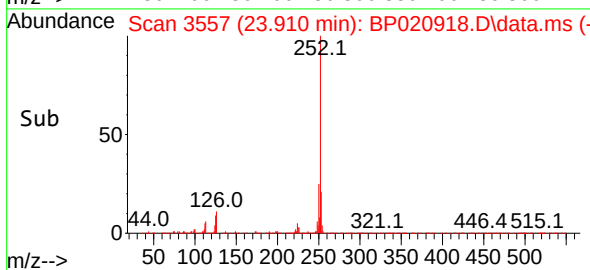
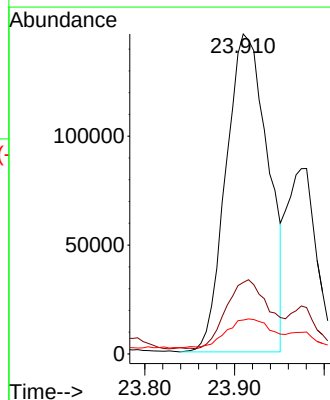
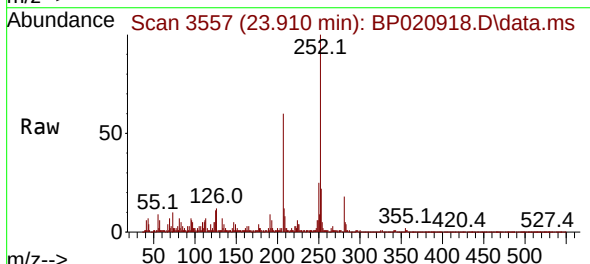
RT: 23.910 min Scan# 3557

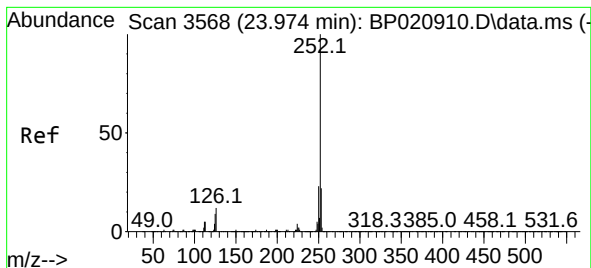
Delta R.T. -0.012 min

Lab File: BP020918.D

Acq: 12 Jul 2024 02:08

Tgt Ion:252 Resp: 473867
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.1 25.7
 125 10.6 7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 2.394 ng/ul m

RT: 23.980 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP020918.D

Acq: 12 Jul 2024 02:08

Instrument :

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ClientSampleId :

A4CC1

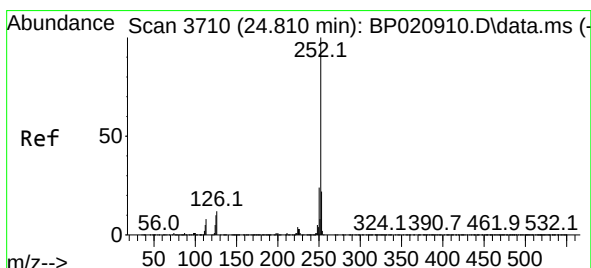
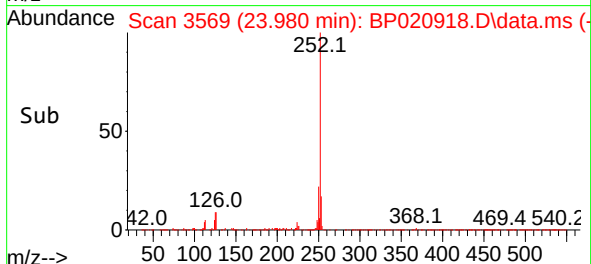
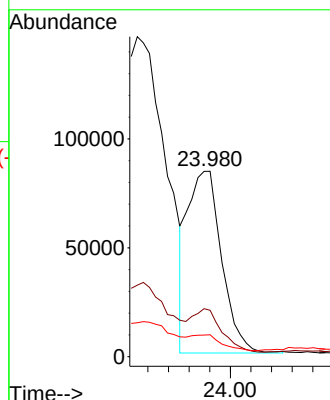
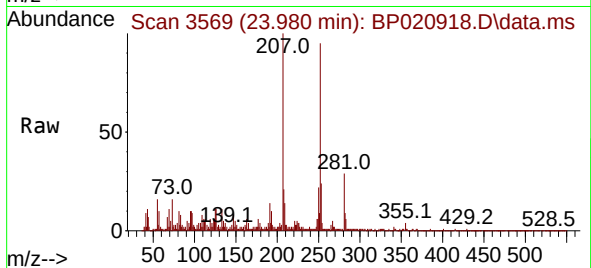
Tgt Ion:252 Resp: 192090

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.4	26.2
125	11.9	7.4	11.0

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#93

Benzo(a)pyrene

Concen: 2.354 ng/ul

RT: 24.816 min Scan# 3711

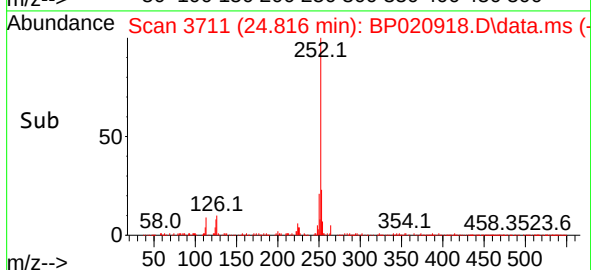
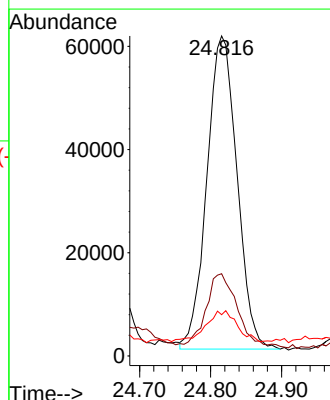
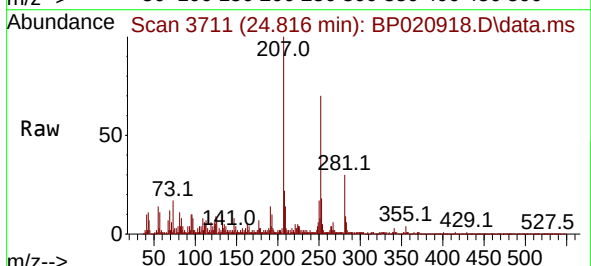
Delta R.T. -0.012 min

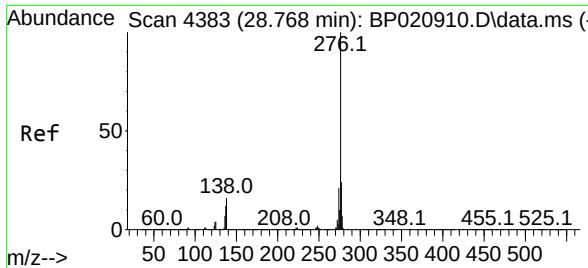
Lab File: BP020918.D

Acq: 12 Jul 2024 02:08

Tgt Ion:252 Resp: 178907

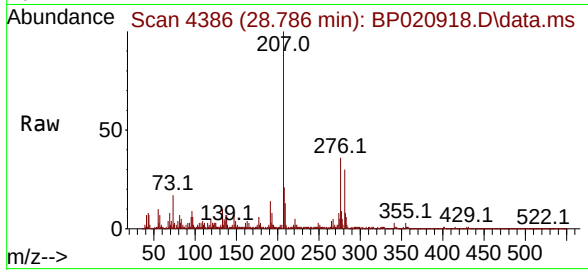
Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.4	26.0
125	12.9	7.7	11.5





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.583 ng/ul
 RT: 28.786 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BP020918.D
 Acq: 12 Jul 2024 02:08

Instrument :
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 ClientSampleId :
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Tgt Ion: 276 Resp: 154978
 Ion Ratio Lower Upper
 276 100
 138 19.4 14.3 21.5
 277 26.2 19.2 28.8

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