

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
 Data File : BM044180.D
 Acq On : 19 Feb 2024 16:31
 Operator : MA/JU
 Sample : P1352-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FN9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/20/2024
 Supervised By :mohammad ahmed 02/21/2024

Quant Time: Feb 19 17:06:00 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Feb 15 13:40:24 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	6597	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	19660	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.538	164	9409	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	19580m	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	14671m	0.400	ng/ul	0.00
23) Perylene-d12	23.885	264	19335	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	34335	3.675	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	6117	0.222	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212	12011	0.274	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.748	128	1313	0.022	ng/ul#	77
7) 2-Methylnaphthalene	12.365	142	848	0.024	ng/ul	98
10) Acenaphthylene	14.260	152	1118	0.022	ng/ul#	68
15) Phenanthrene	17.334	178	3309m	0.053	ng/ul	
19) Fluoranthene	19.354	202	7889	0.118	ng/ul#	88
20) Pyrene	19.721	202	7631m	0.108	ng/ul	
21) Benzo(a)anthracene	21.482	228	2997	0.045	ng/ul#	81
22) Chrysene	21.532	228	4085	0.056	ng/ul#	91
24) Benzo(b)fluoranthene	23.163	252	5034	0.063	ng/ul#	50
25) Benzo(k)fluoranthene	23.209	252	2375m	0.027	ng/ul	
26) Benzo(a)pyrene	23.783	252	2963	0.040	ng/ul#	39
27) Indeno(1,2,3-cd)pyrene	26.360	276	2584	0.027	ng/ul#	90
29) Benzo(g,h,i)perylene	27.121	276	2515	0.030	ng/ul#	67

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

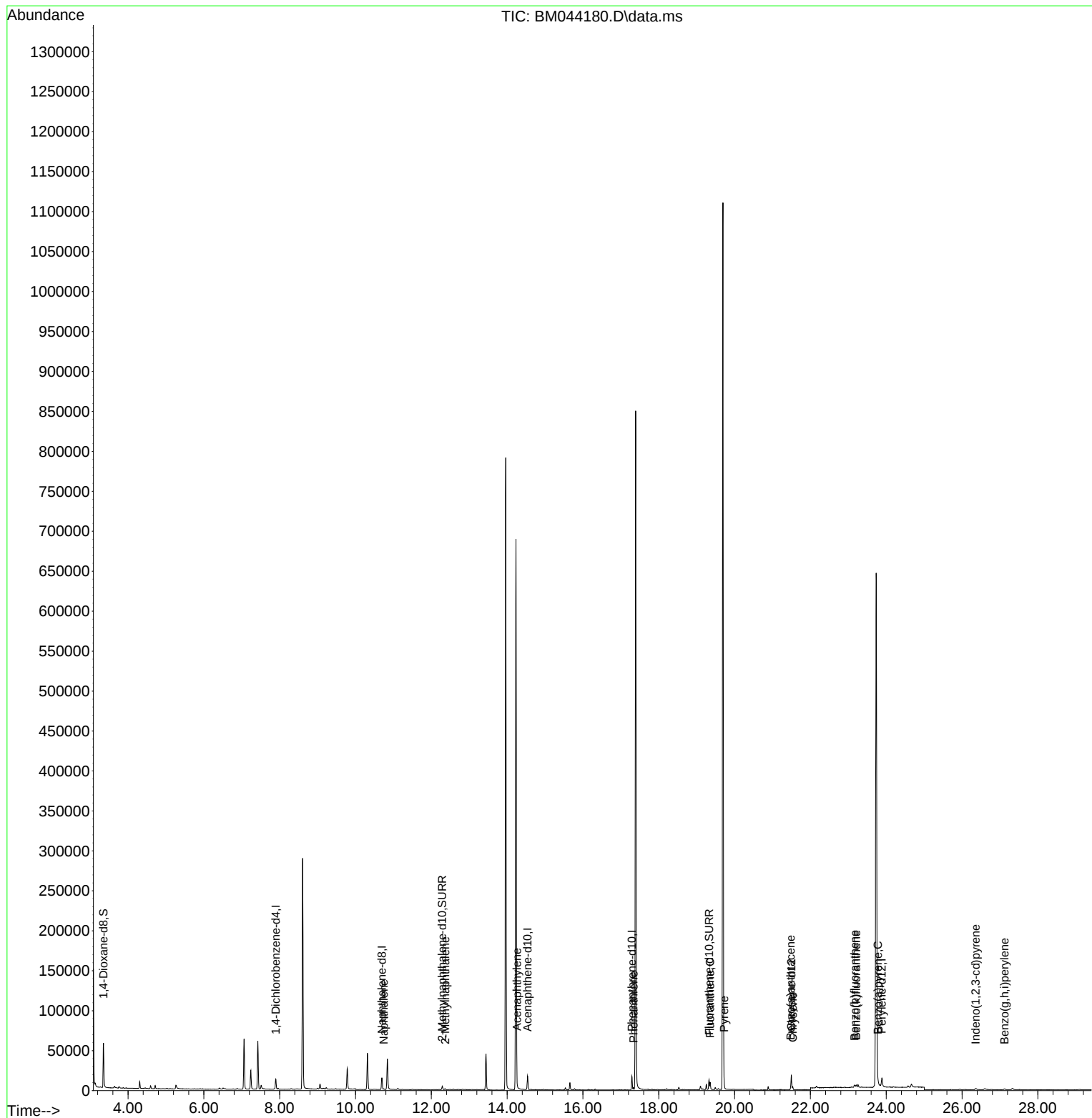
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044180.D
Acq On : 19 Feb 2024 16:31
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Sample : P1352-08
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ALS Vial : 8 Sample Multiplier: 1

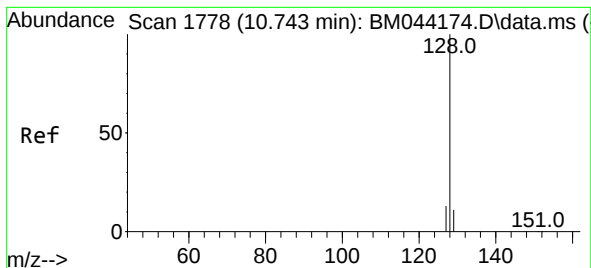
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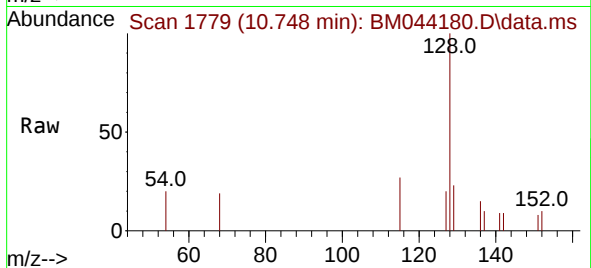
Quant Time: Feb 19 17:06:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
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#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.748 min Scan# 1778
Delta R.T. -0.005 min
Lab File: BM044180.D
Acq: 19 Feb 2024 16:31

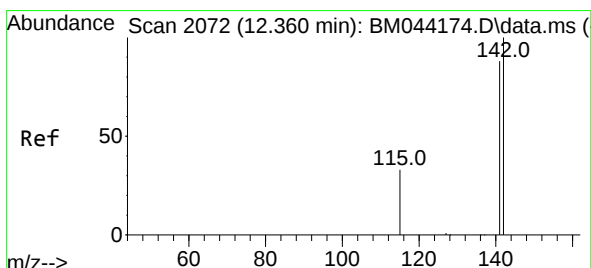
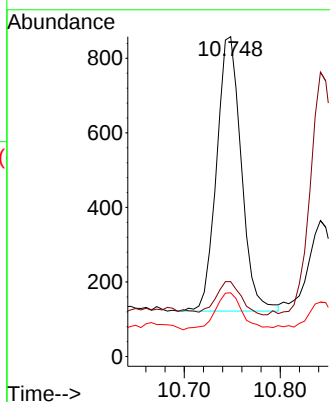
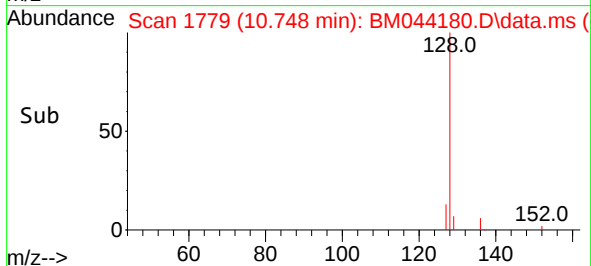
Instrument :
BNA_M
ClientSampleId :
COFN9



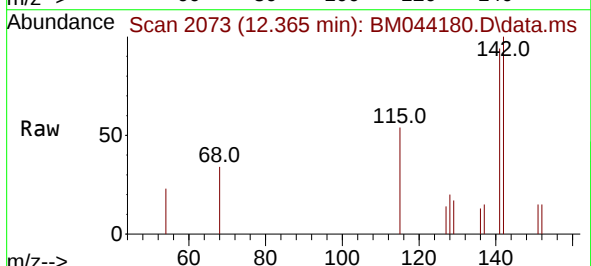
Tgt Ion:128 Resp: 131
Ion Ratio Lower Upper
128 100
129 23.4 9.5 14.3
127 19.9 10.7 16.1

Manual Integrations
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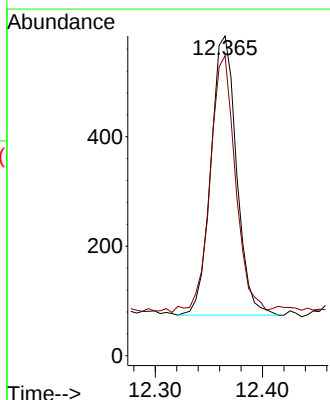
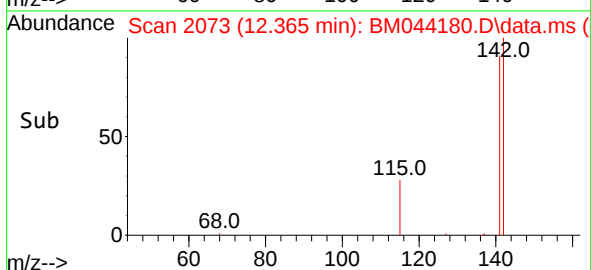
Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024

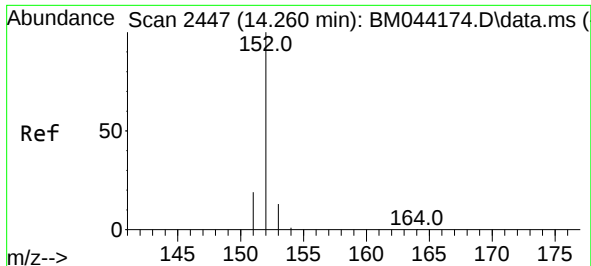


#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044180.D
Acq: 19 Feb 2024 16:31



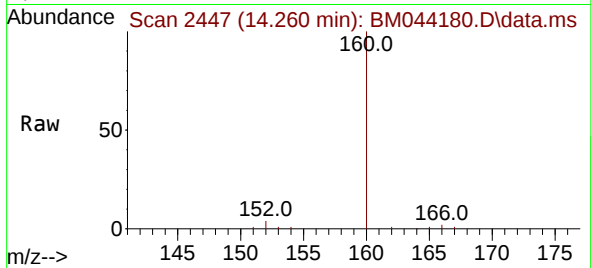
Tgt Ion:142 Resp: 848
Ion Ratio Lower Upper
142 100
141 89.0 70.0 105.0





#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.260 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BM044180.D
Acq: 19 Feb 2024 16:31

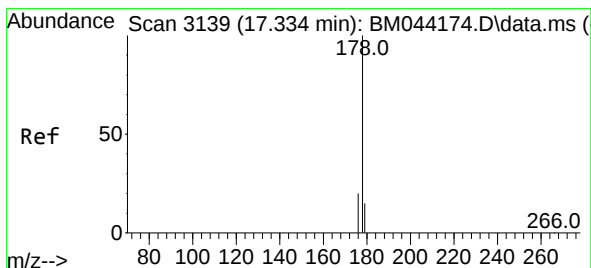
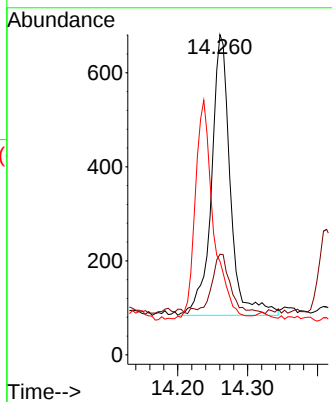
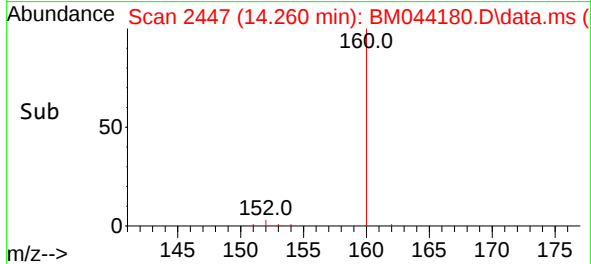
Instrument :
BNA_M
ClientSampleId :
C0FN9



Tgt Ion:152 Resp: 1118
Ion Ratio Lower Upper
152 100
151 31.4 15.5 23.3
153 29.2 10.8 16.2

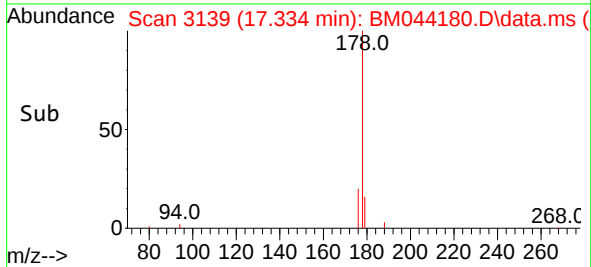
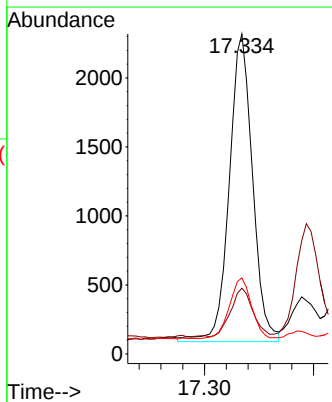
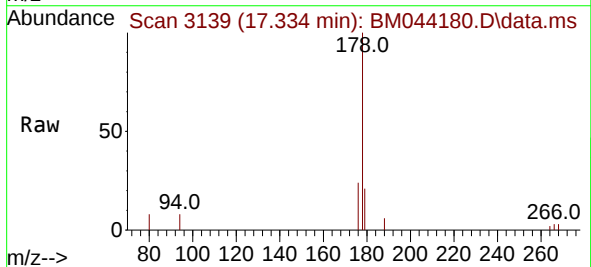
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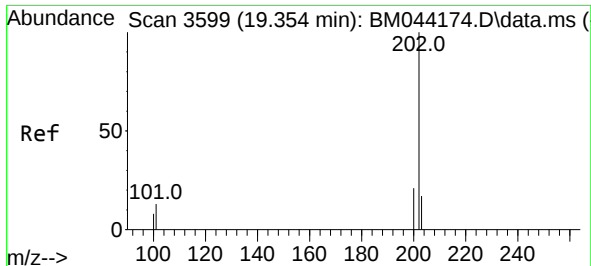
Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



#15
Phenanthrene
Concen: 0.053 ng/ul m
RT: 17.334 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM044180.D
Acq: 19 Feb 2024 16:31

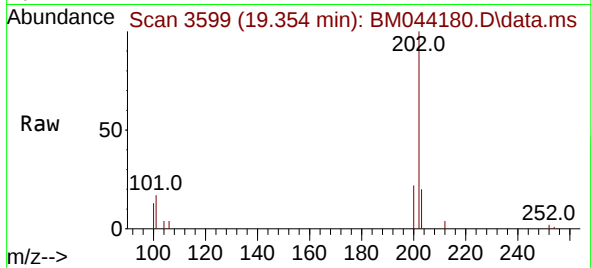
Tgt Ion:178 Resp: 3309
Ion Ratio Lower Upper
178 100
179 20.5 12.6 19.0#
176 23.8 16.0 24.0





#19
Fluoranthene
Concen: 0.118 ng/u1
RT: 19.354 min Scan# 3599
Delta R.T. -0.009 min
Lab File: BM044180.D
Acq: 19 Feb 2024 16:31

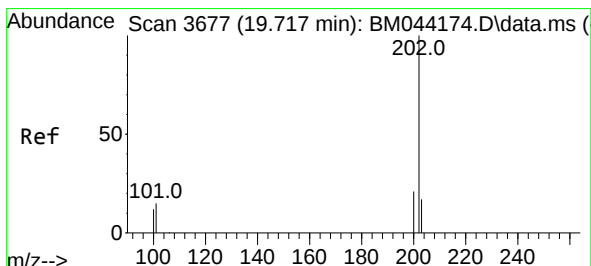
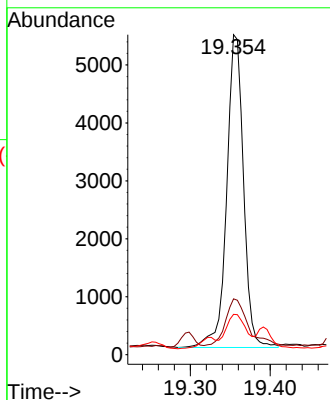
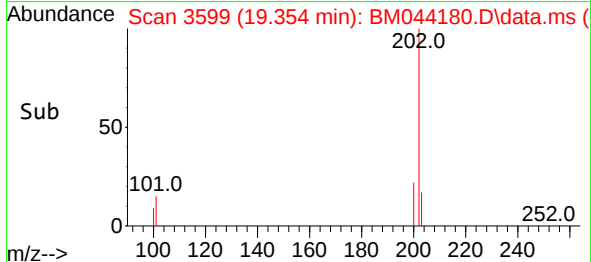
Instrument :
BNA_M
ClientSampleId :
COFN9



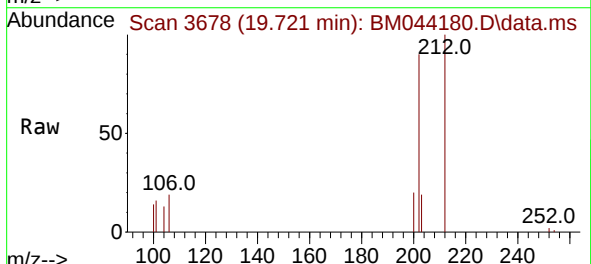
Tgt Ion:202 Resp: 7889
Ion Ratio Lower Upper
202 100
101 17.5 9.8 14.6#
100 12.6 7.0 10.4#

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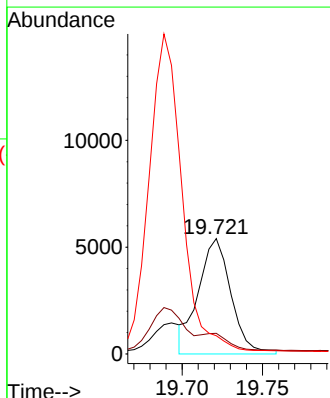
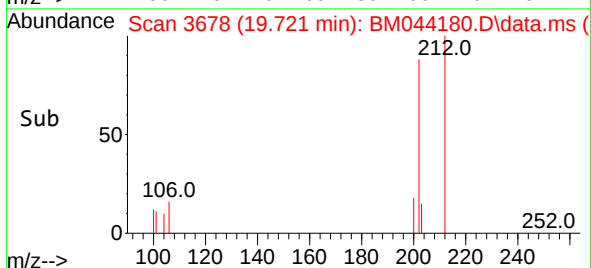
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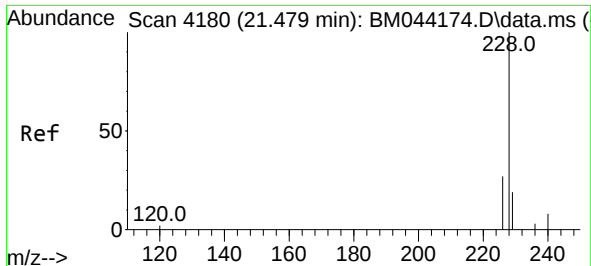


#20
Pyrene
Concen: 0.108 ng/u1 m
RT: 19.721 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM044180.D
Acq: 19 Feb 2024 16:31



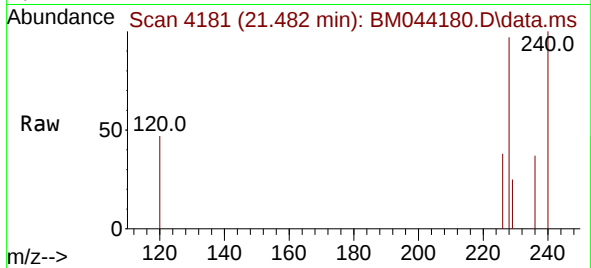
Tgt Ion:202 Resp: 7631
Ion Ratio Lower Upper
202 100
101 17.8 11.2 16.8#
100 15.8 8.6 13.0#





#21
Benzo(a)anthracene
Concen: 0.045 ng/u1
RT: 21.482 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM044180.D
Acq: 19 Feb 2024 16:31

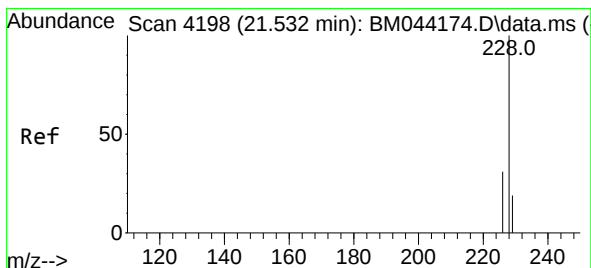
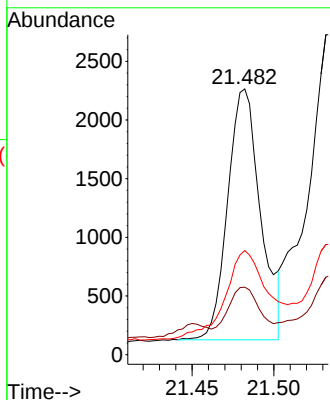
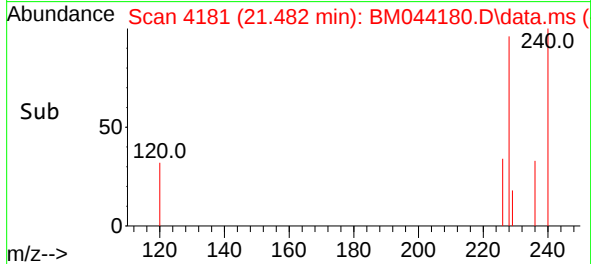
Instrument :
BNA_M
ClientSampleId :
COFN9



Tgt Ion:228 Resp: 299
Ion Ratio Lower Upper
228 100
229 25.4 15.4 23.2
226 39.2 22.1 33.1

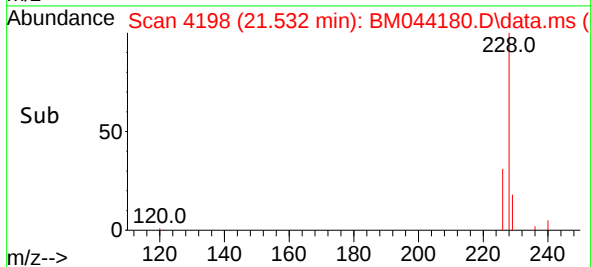
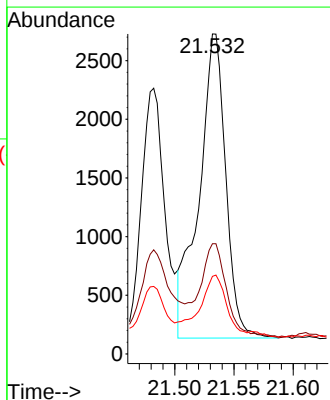
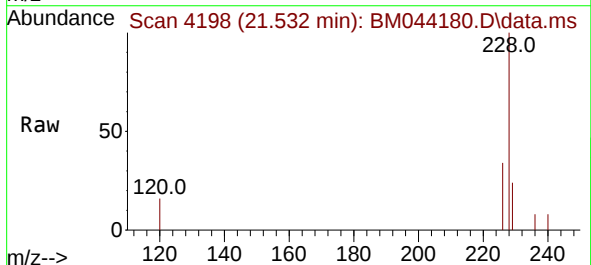
Manual Integrations
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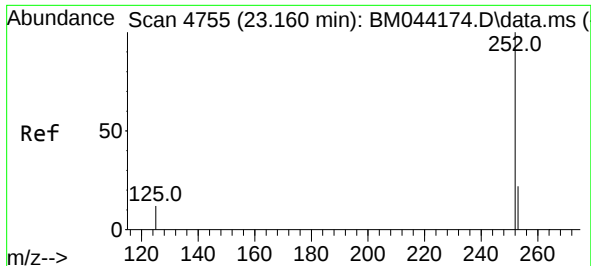
Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



#22
Chrysene
Concen: 0.056 ng/u1
RT: 21.532 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BM044180.D
Acq: 19 Feb 2024 16:31

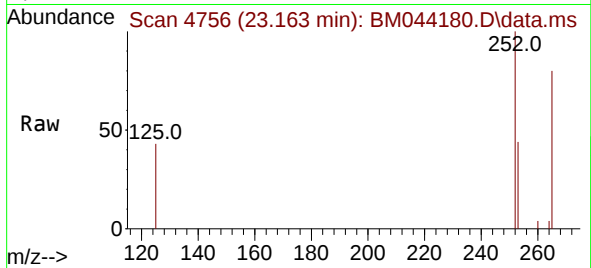
Tgt Ion:228 Resp: 4085
Ion Ratio Lower Upper
228 100
226 34.4 24.2 36.2
229 24.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.063 ng/ul
RT: 23.163 min Scan# 4755
Delta R.T. 0.000 min
Lab File: BM044180.D
Acq: 19 Feb 2024 16:31

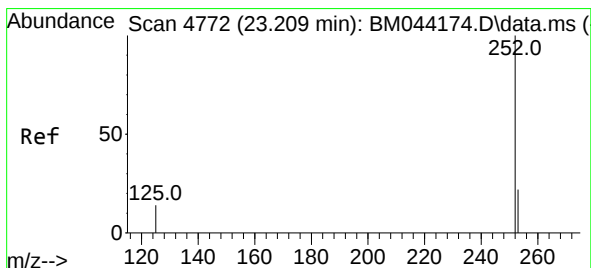
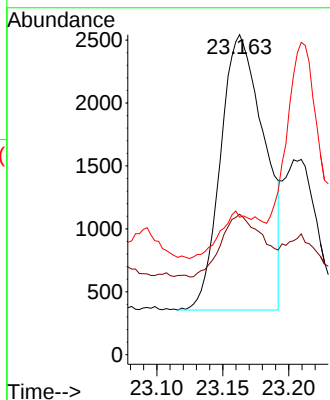
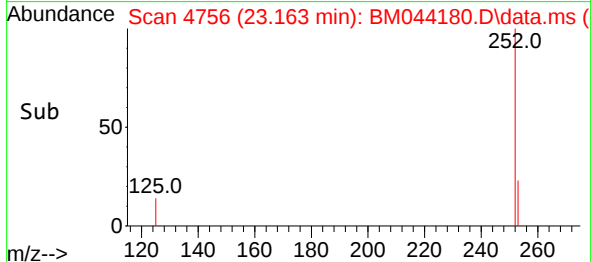
Instrument :
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COFN9



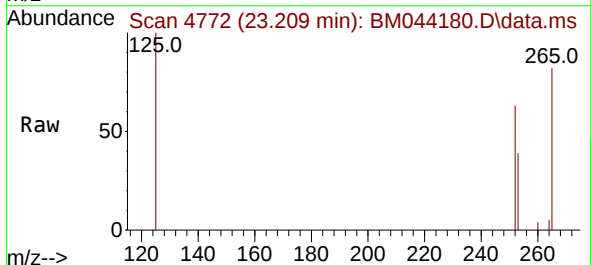
Tgt Ion:252 Resp: 5034
Ion Ratio Lower Upper
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253 43.9 0.0 50.0
125 43.0 0.0 28.2

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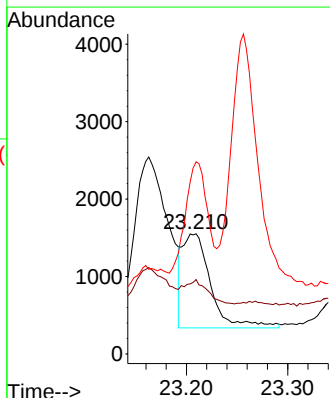
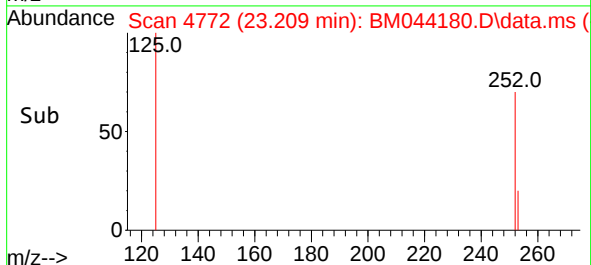
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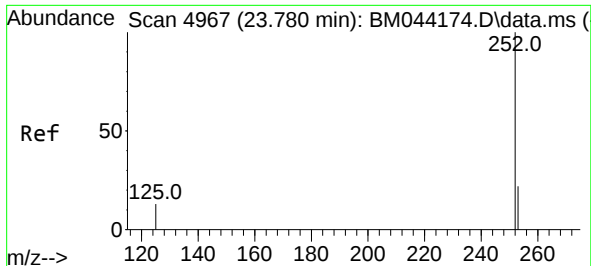


#25
Benzo(k)fluoranthene
Concen: 0.027 ng/ul m
RT: 23.209 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM044180.D
Acq: 19 Feb 2024 16:31



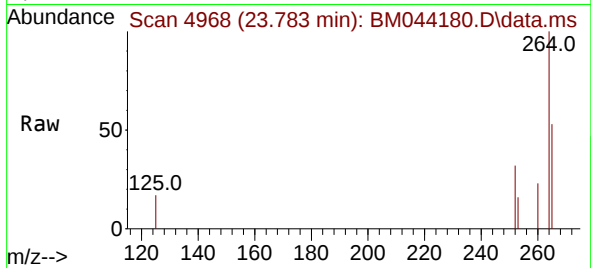
Tgt Ion:252 Resp: 2375
Ion Ratio Lower Upper
252 100
253 61.9 20.1 30.1#
125 159.9 12.3 18.5#





#26
Benzo(a)pyrene
Concen: 0.040 ng/ul
RT: 23.783 min Scan# 4967
Delta R.T. -0.003 min
Lab File: BM044180.D
Acq: 19 Feb 2024 16:31

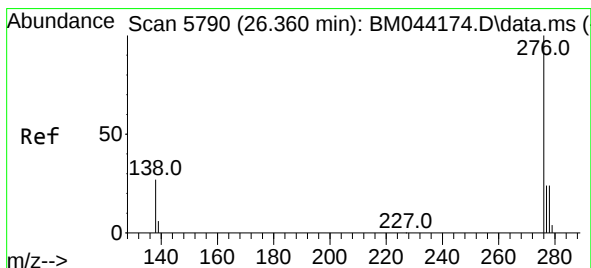
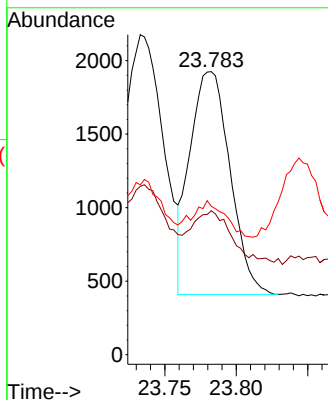
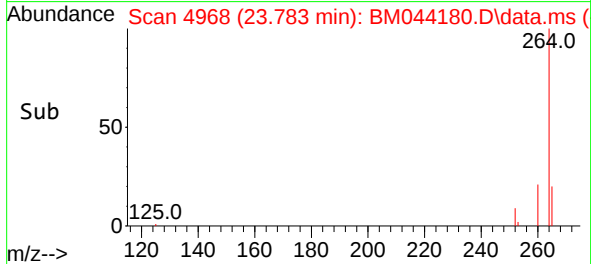
Instrument :
BNA_M
ClientSampleId :
COFN9



Tgt Ion:252 Resp: 296
Ion Ratio Lower Upper
252 100
253 50.9 21.4 32.2
125 52.4 13.3 19.9

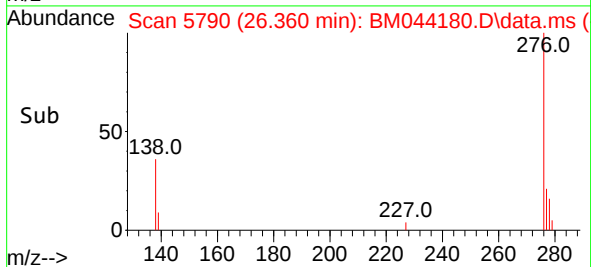
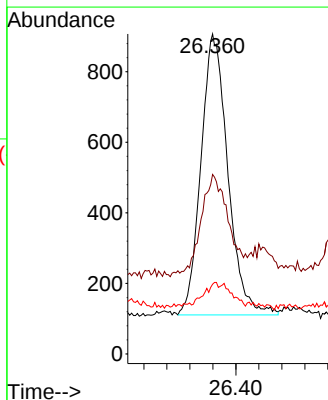
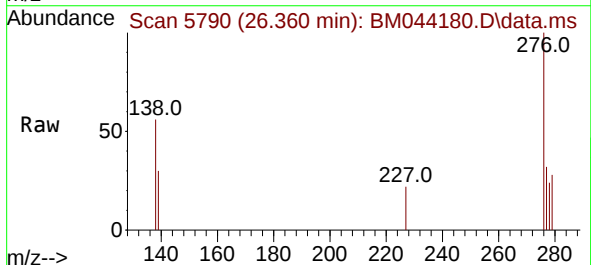
Manual Integrations
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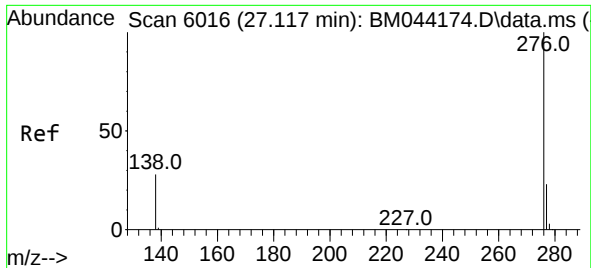
Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.027 ng/ul
RT: 26.360 min Scan# 5790
Delta R.T. -0.010 min
Lab File: BM044180.D
Acq: 19 Feb 2024 16:31

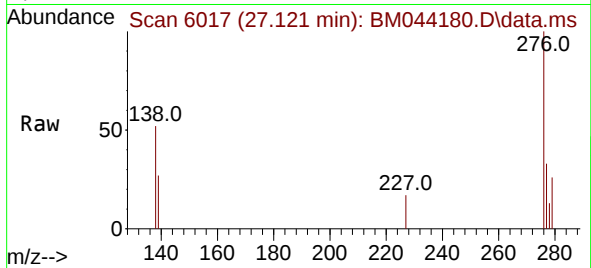
Tgt Ion:276 Resp: 2584
Ion Ratio Lower Upper
276 100
138 37.2 25.2 37.8
227 8.9 0.1 0.1





#29
Benzo(g,h,i)perylene
Concen: 0.030 ng/ul
RT: 27.121 min Scan# 6017
Delta R.T. -0.007 min
Lab File: BM044180.D
Acq: 19 Feb 2024 16:31

Instrument :
BNA_M
ClientSampleId :
COFN9



Tgt Ion:276 Resp: 251
Ion Ratio Lower Upper
276 100
138 52.1 22.7 34.1
277 33.2 19.0 28.6

Manual Integrations
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Supervised By :mohammad ahmed 02/21/2024

