

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044117.D
 Acq On : 16 Feb 2024 01:13
 Operator : MA/JU
 Sample : P1329-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FR6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 17 02:53:36 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	7.905	152	7400	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	24823	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.544	164	13252	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	27174m	0.400	ng/ul	0.00
17) Chrysene-d12	21.496	240	16692m	0.400	ng/ul	0.00
23) Perylene-d12	23.887	264	19601	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	37731	3.600	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	7436	0.214	ng/ul	0.00
18) Fluoranthene-d10	19.332	212	18177	0.365	ng/ul	0.00
Target Compounds						
					Qvalue	
14) Pentachlorophenol	16.943	266	320	0.033	ng/ul	94
15) Phenanthrene	17.339	178	5421	0.063	ng/ul	97
19) Fluoranthene	19.360	202	21733	0.286	ng/ul	96
20) Pyrene	19.722	202	18954m	0.237	ng/ul	
21) Benzo(a)anthracene	21.481	228	9235	0.121	ng/ul	96
22) Chrysene	21.534	228	9972	0.121	ng/ul	94
24) Benzo(b)fluoranthene	23.165	252	14027	0.173	ng/ul#	79
25) Benzo(k)fluoranthene	23.206	252	5731m	0.065	ng/ul	
26) Benzo(a)pyrene	23.782	252	8320	0.111	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.362	276	6152	0.064	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.389	278	1602	0.021	ng/ul#	6
29) Benzo(g,h,i)perylene	27.120	276	5990	0.071	ng/ul#	82

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

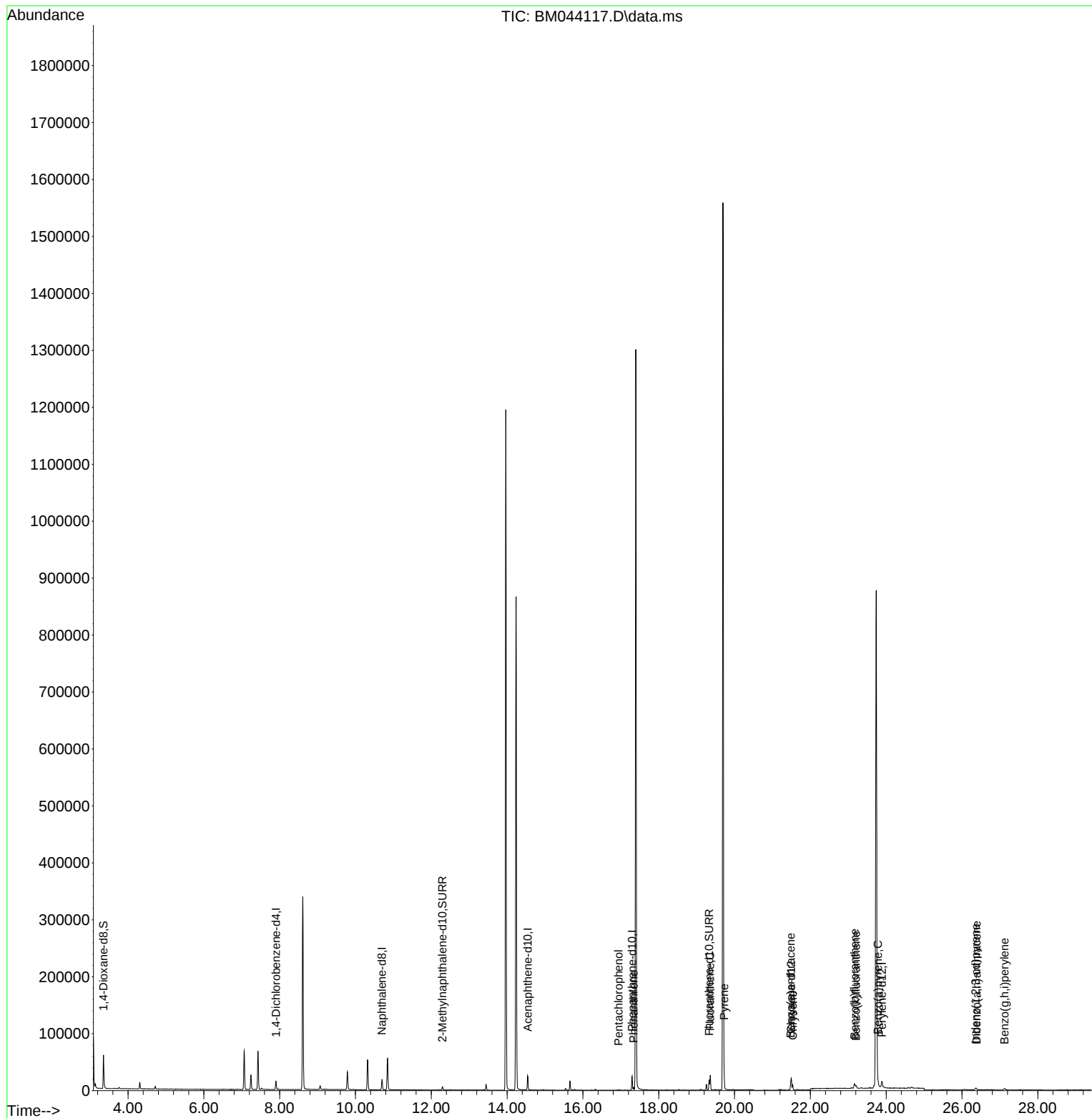
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044117.D
Acq On : 16 Feb 2024 01:13
Operator : MA/JU
Sample : P1329-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

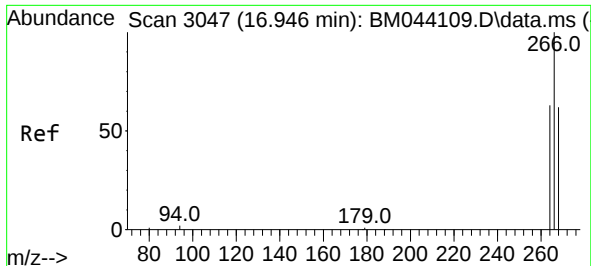
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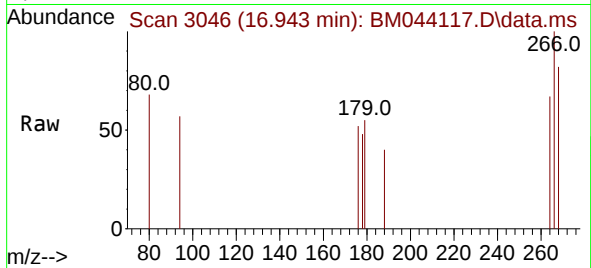
Quant Time: Feb 17 02:53:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
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#14
Pentachlorophenol
Concen: 0.033 ng/u1
RT: 16.943 min Scan# 3047
Delta R.T. -0.003 min
Lab File: BM044117.D
Acq: 16 Feb 2024 01:13

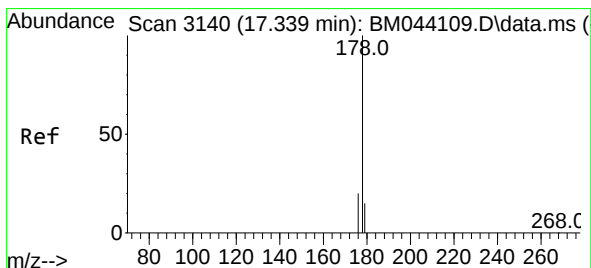
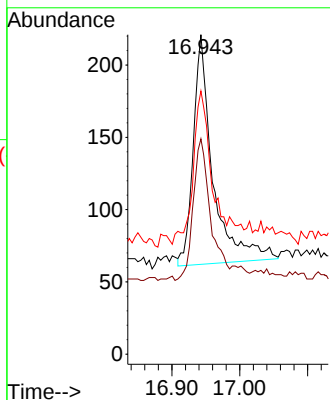
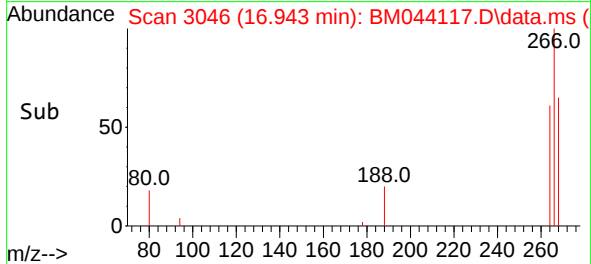
Instrument :
BNA_M
ClientSampleId :
C0FR6



Tgt Ion:266 Resp: 320
Ion Ratio Lower Upper
266 100
264 59.4 49.4 74.0
268 72.8 52.1 78.1

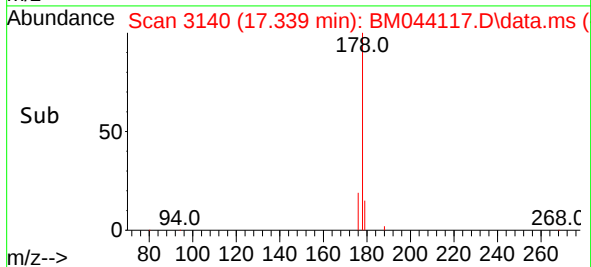
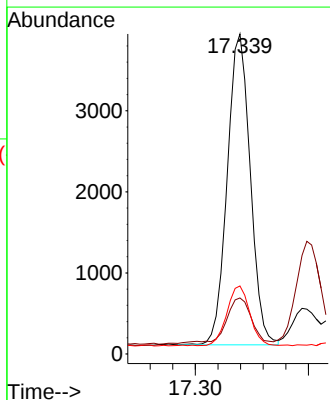
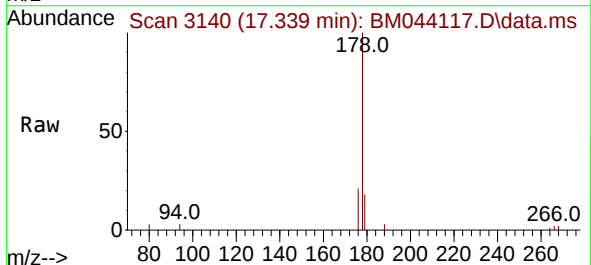
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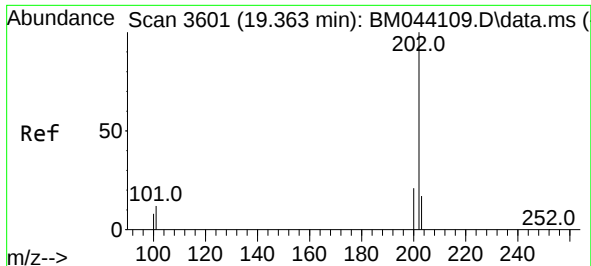
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#15
Phenanthrene
Concen: 0.063 ng/u1
RT: 17.339 min Scan# 3140
Delta R.T. 0.001 min
Lab File: BM044117.D
Acq: 16 Feb 2024 01:13

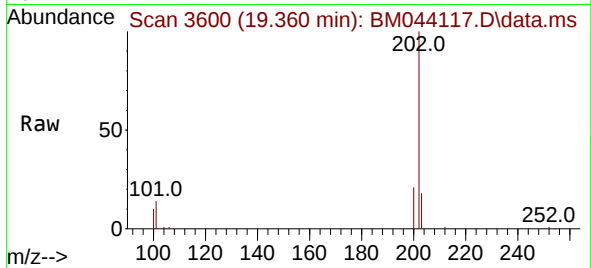
Tgt Ion:178 Resp: 5421
Ion Ratio Lower Upper
178 100
179 17.5 12.6 19.0
176 21.3 16.0 24.0





#19
Fluoranthene
Concen: 0.286 ng/ul
RT: 19.360 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM044117.D
Acq: 16 Feb 2024 01:13

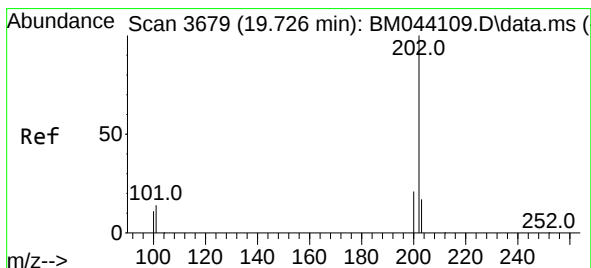
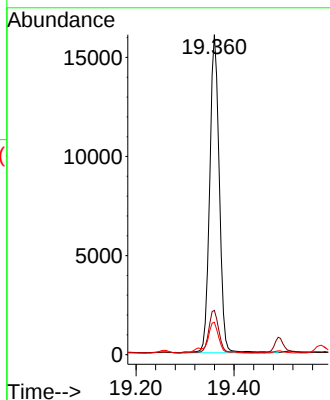
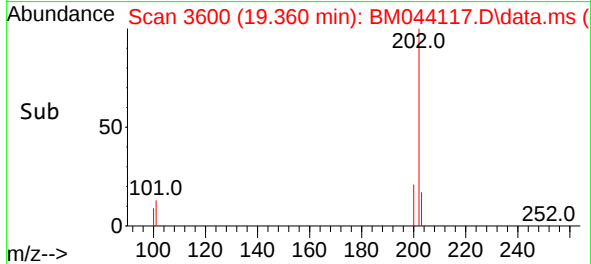
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 2173
Ion Ratio Lower Upper
202 100
101 13.8 9.8 14.6
100 10.1 7.0 10.4

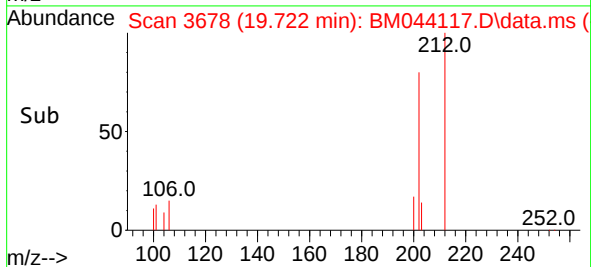
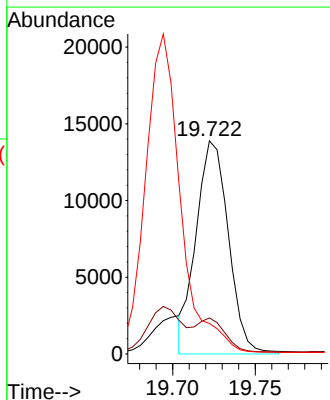
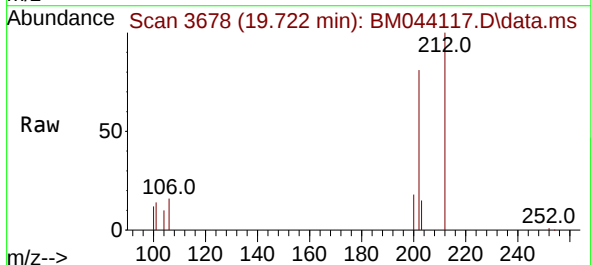
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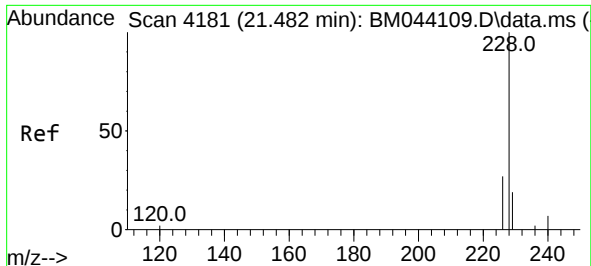
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#20
Pyrene
Concen: 0.237 ng/ul m
RT: 19.722 min Scan# 3678
Delta R.T. -0.004 min
Lab File: BM044117.D
Acq: 16 Feb 2024 01:13

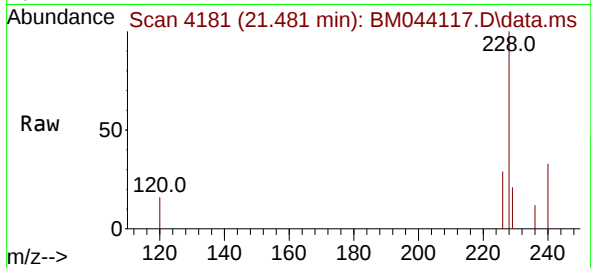
Tgt Ion:202 Resp: 18954
Ion Ratio Lower Upper
202 100
101 16.9 11.2 16.8#
100 14.3 8.6 13.0#





#21
Benzo(a)anthracene
Concen: 0.121 ng/ul
RT: 21.481 min Scan# 4181
Delta R.T. -0.004 min
Lab File: BM044117.D
Acq: 16 Feb 2024 01:13

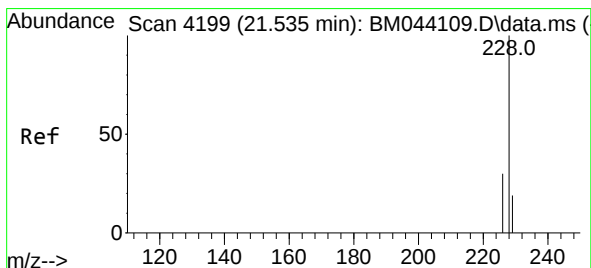
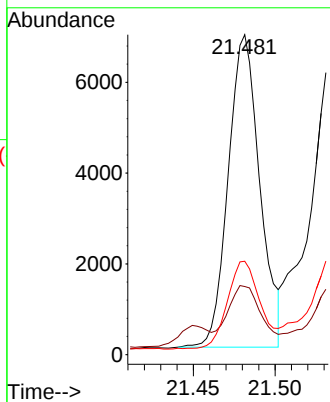
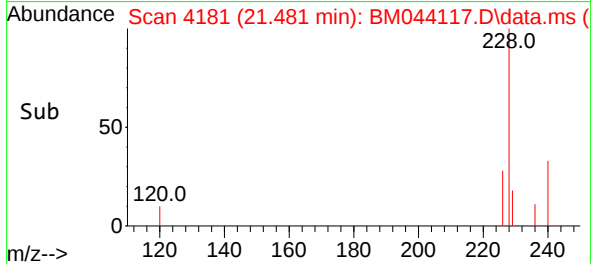
Instrument :
BNA_M
ClientSampleId :
C0FR6



Tgt Ion:228 Resp: 9235
Ion Ratio Lower Upper
228 100
229 21.3 15.4 23.2
226 29.2 22.1 33.1

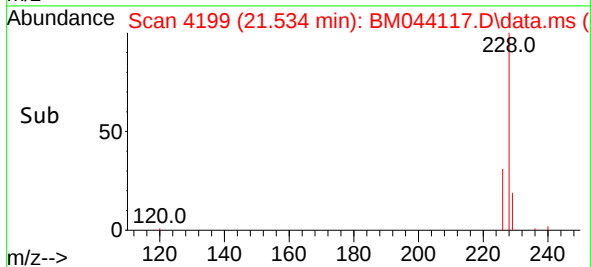
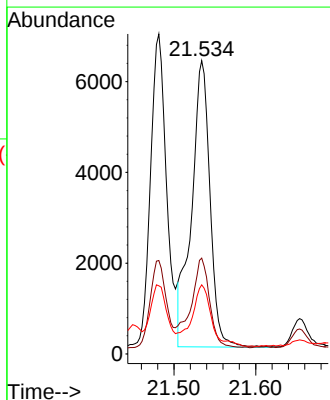
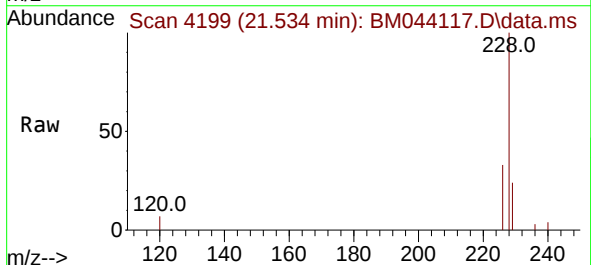
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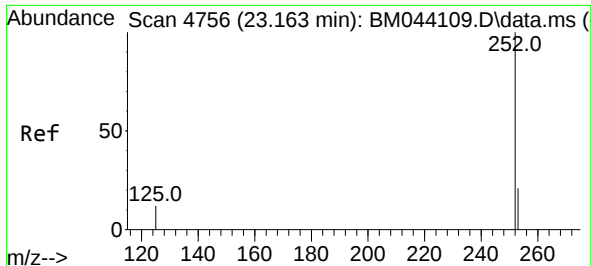
Reviewed By :Yogesh Patel 02/17/2024
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#22
Chrysene
Concen: 0.121 ng/ul
RT: 21.534 min Scan# 4199
Delta R.T. -0.004 min
Lab File: BM044117.D
Acq: 16 Feb 2024 01:13

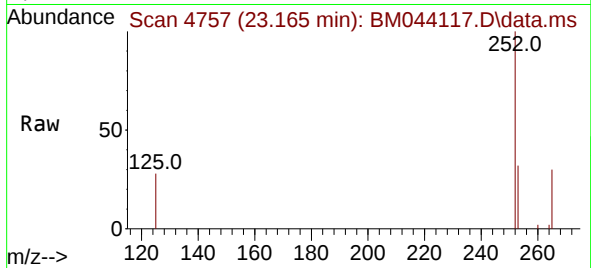
Tgt Ion:228 Resp: 9972
Ion Ratio Lower Upper
228 100
226 32.7 24.2 36.2
229 23.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.173 ng/ul
RT: 23.165 min Scan# 4756
Delta R.T. 0.002 min
Lab File: BM044117.D
Acq: 16 Feb 2024 01:13

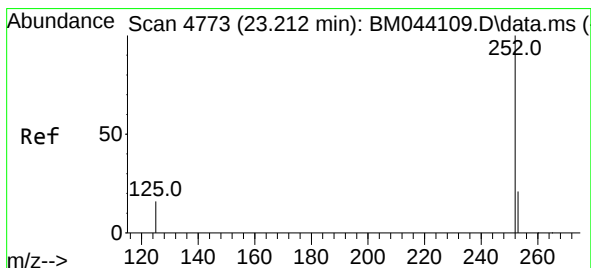
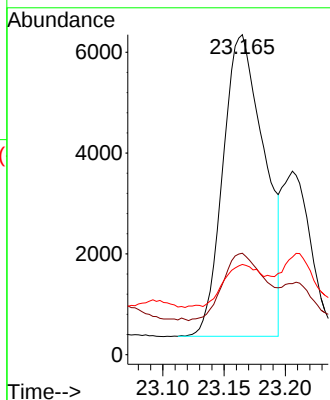
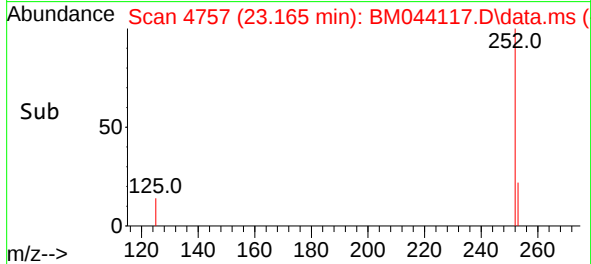
Instrument :
BNA_M
ClientSampleId :
C0FR6



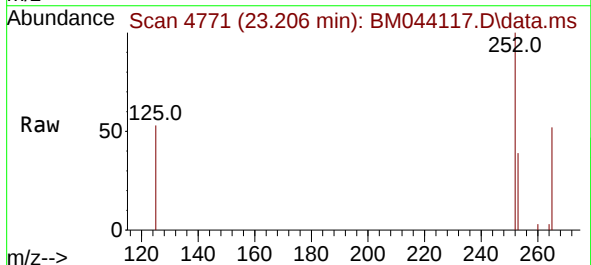
Tgt Ion:252 Resp: 1402
Ion Ratio Lower Upper
252 100
253 31.7 0.0 50.0
125 28.2 0.0 28.2

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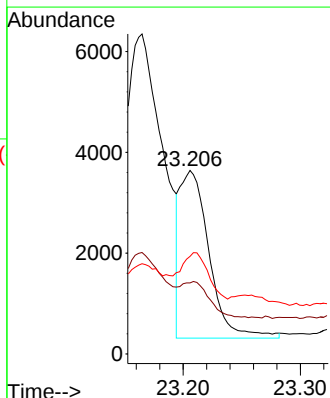
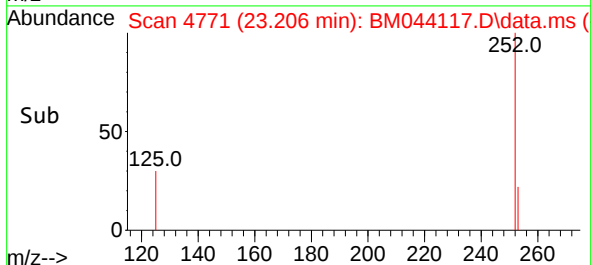
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

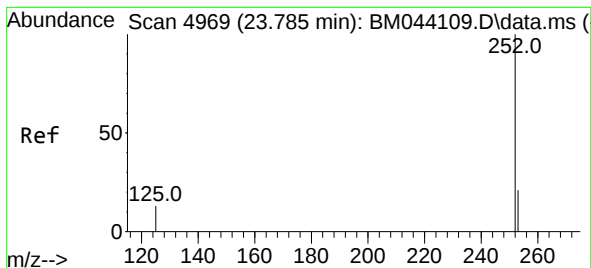


#25
Benzo(k)fluoranthene
Concen: 0.065 ng/ul m
RT: 23.206 min Scan# 4771
Delta R.T. -0.007 min
Lab File: BM044117.D
Acq: 16 Feb 2024 01:13



Tgt Ion:252 Resp: 5731
Ion Ratio Lower Upper
252 100
253 38.7 20.1 30.1#
125 53.2 12.3 18.5#





#26

Benzo(a)pyrene

Concen: 0.111 ng/ul

RT: 23.782 min Scan# 4969

Delta R.T. -0.004 min

Lab File: BM044117.D

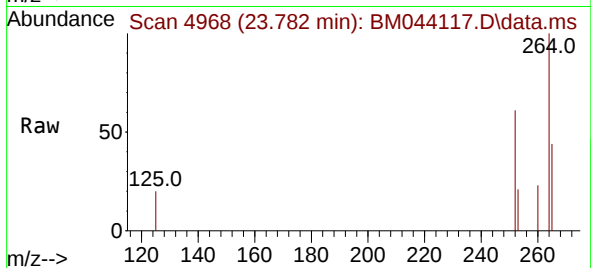
Acq: 16 Feb 2024 01:13

Instrument :

BNA_M

ClientSampleId :

C0FR6



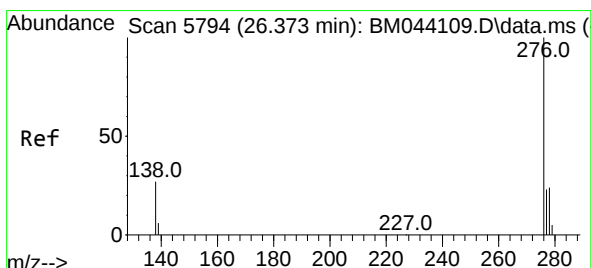
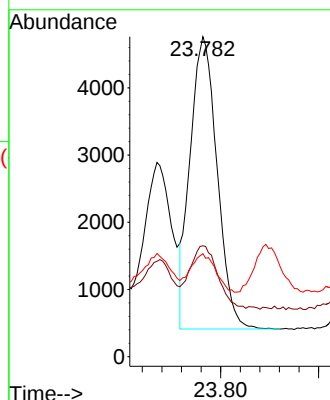
Tgt Ion:	252	Resp:	8320
Ion Ratio	Lower	Upper	
252	100		
253	34.6	21.4	32.2
125	32.2	13.3	19.9

Manual Integrations

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.064 ng/ul

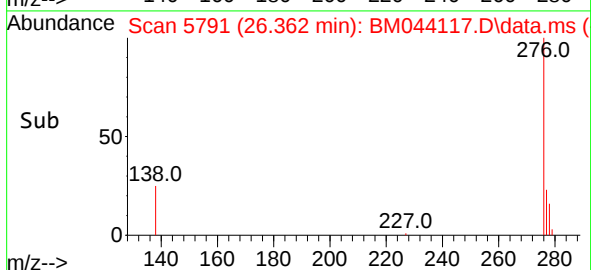
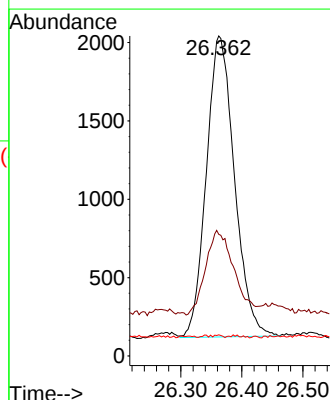
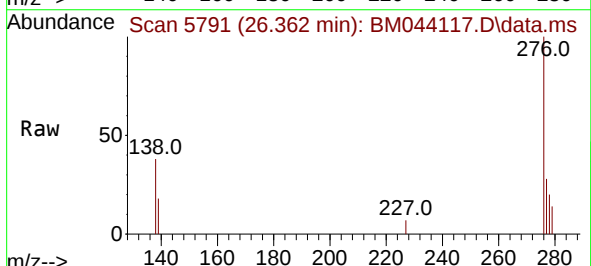
RT: 26.362 min Scan# 5791

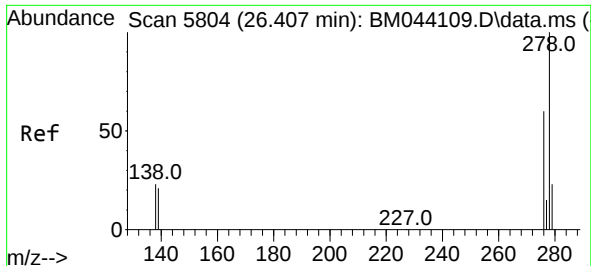
Delta R.T. -0.007 min

Lab File: BM044117.D

Acq: 16 Feb 2024 01:13

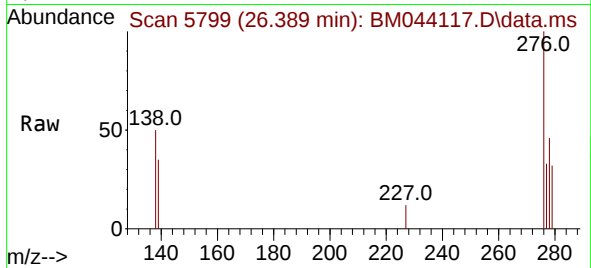
Tgt Ion:	276	Resp:	6152
Ion Ratio	Lower	Upper	
276	100		
138	29.4	25.2	37.8
227	0.2	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 26.389 min Scan# 51
Delta R.T. -0.021 min
Lab File: BM044117.D
Acq: 16 Feb 2024 01:13

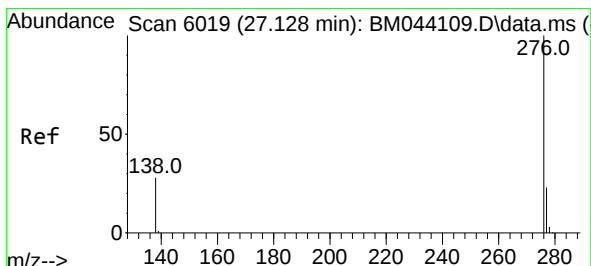
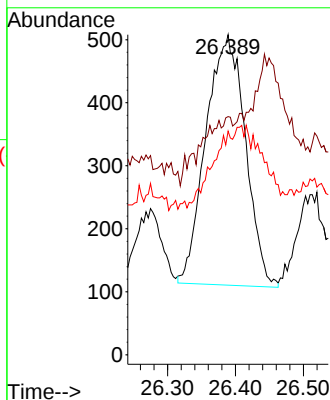
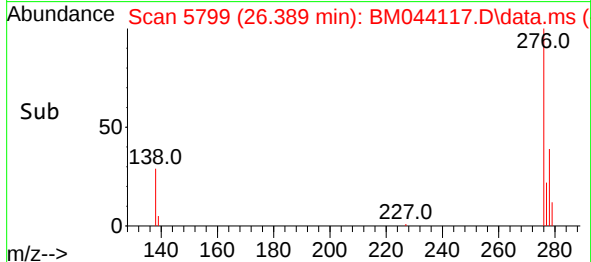
Instrument :
BNA_M
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C0FR6



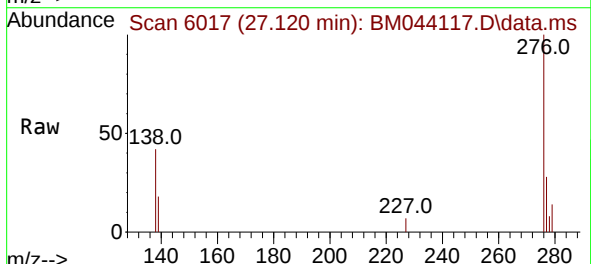
Tgt Ion:278 Resp: 160
Ion Ratio Lower Upper
278 100
139 74.4 17.8 26.8
279 69.9 21.8 32.8

Manual Integrations
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Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.071 ng/ul
RT: 27.120 min Scan# 6017
Delta R.T. -0.007 min
Lab File: BM044117.D
Acq: 16 Feb 2024 01:13



Tgt Ion:276 Resp: 5990
Ion Ratio Lower Upper
276 100
138 42.1 22.7 34.1#
277 27.8 19.0 28.6

