

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044134.D
 Acq On : 16 Feb 2024 12:08
 Operator : MA/JU
 Sample : P1329-04DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FL2DL

Manual Integrations
 APPROVED

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

Quant Time: Feb 16 22:38:44 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	9765	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	33230	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	17210	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	35542	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	24078	0.400	ng/ul	0.00
23) Perylene-d12	23.885	264	25528	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	9764	0.706	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	2420	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	5229	0.073	ng/ul	0.00
Target Compounds					Qvalue	
7) 2-Methylnaphthalene	12.371	142	1386	0.023	ng/ul	99
14) Pentachlorophenol	16.942	266	668	0.052	ng/ul	97
15) Phenanthrene	17.338	178	11598	0.103	ng/ul	98
16) Anthracene	17.431	178	2332m	0.021	ng/ul	
19) Fluoranthene	19.359	202	60664	0.553	ng/ul	97
20) Pyrene	19.721	202	62195	0.539	ng/ul	95
21) Benzo(a)anthracene	21.479	228	30623	0.278	ng/ul	95
22) Chrysene	21.532	228	36820m	0.310	ng/ul	
24) Benzo(b)fluoranthene	23.163	252	51942	0.493	ng/ul	93
25) Benzo(k)fluoranthene	23.207	252	22970m	0.201	ng/ul	
26) Benzo(a)pyrene	23.783	252	30869	0.315	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.363	276	20846	0.167	ng/ul#	92
29) Benzo(g,h,i)perylene	27.121	276	21673	0.197	ng/ul#	92

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

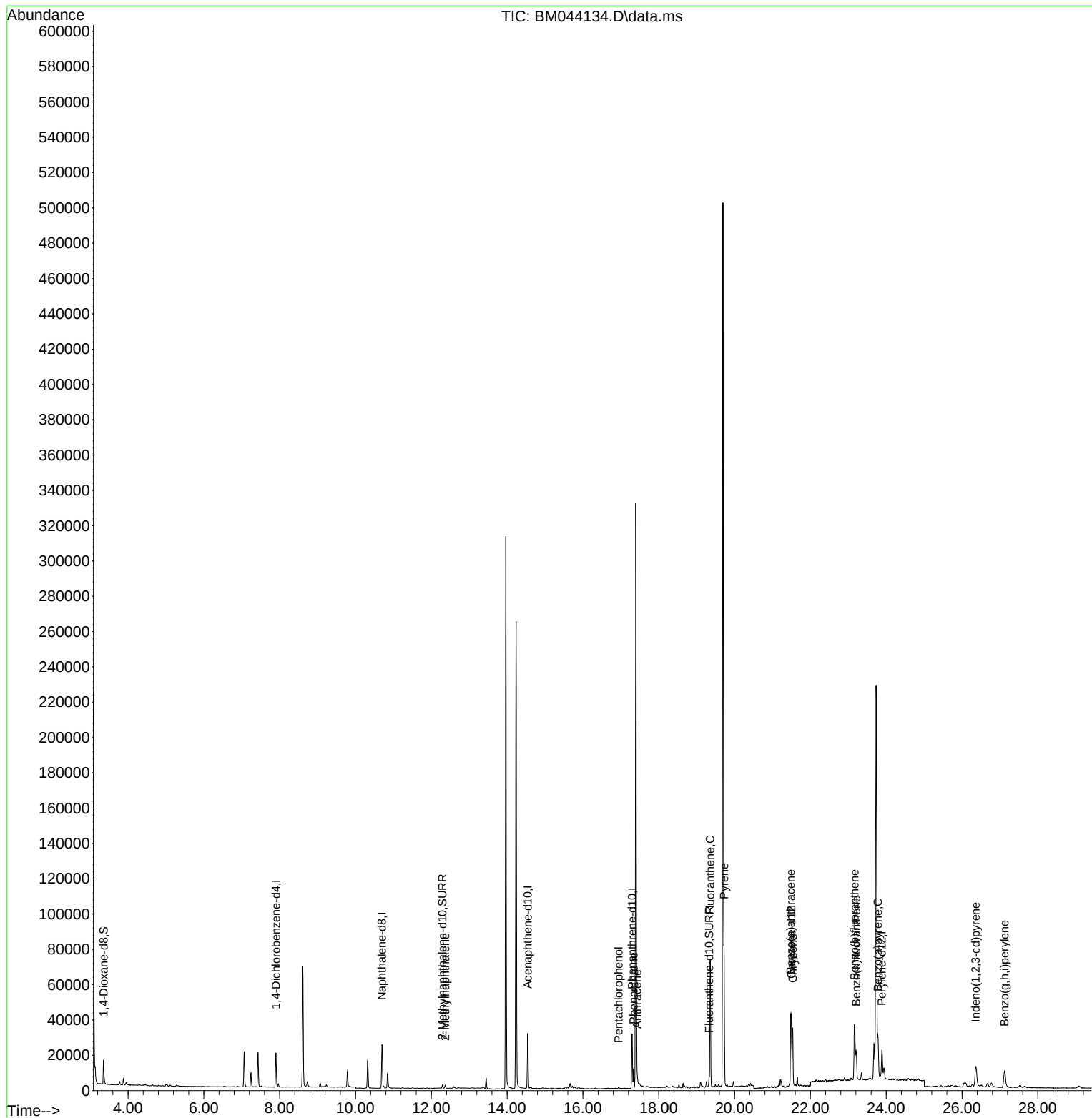
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044134.D
Acq On : 16 Feb 2024 12:08
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ALS Vial : 44 Sample Multiplier: 1

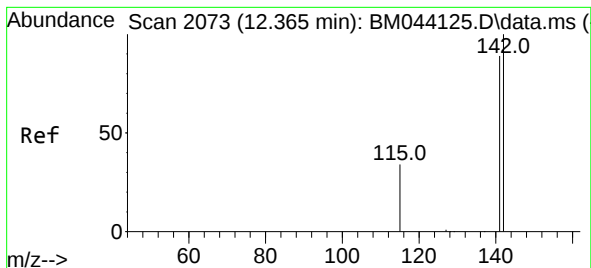
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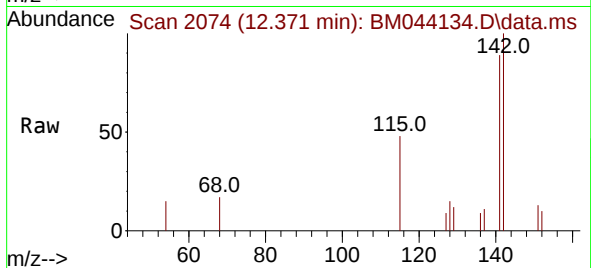
Quant Time: Feb 16 22:38:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration





#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.371 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BM044134.D
Acq: 16 Feb 2024 12:08

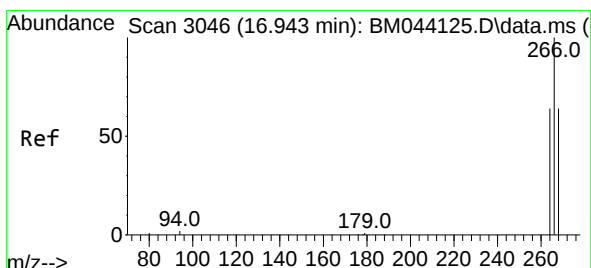
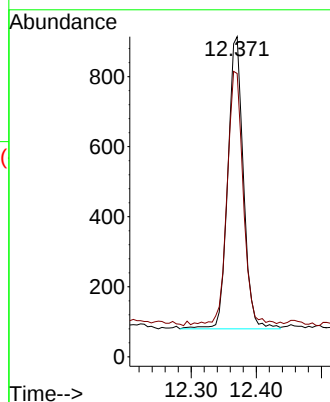
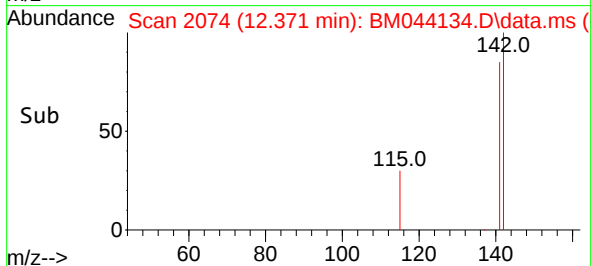
Instrument :
BNA_M
ClientSampleId :
C0FL2DL



Tgt Ion:142 Resp: 1380
Ion Ratio Lower Upper
142 100
141 88.9 70.0 105.0

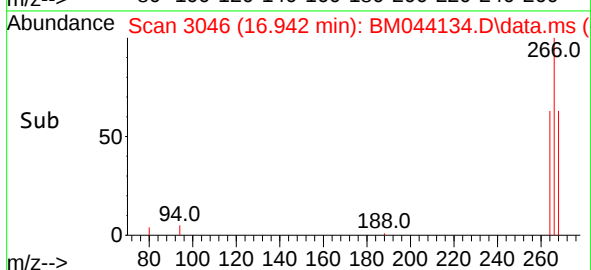
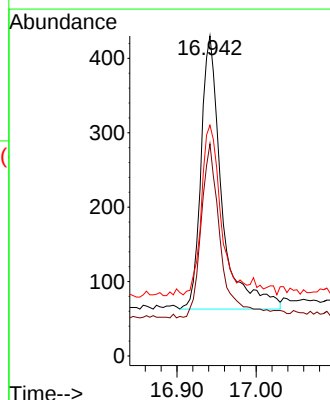
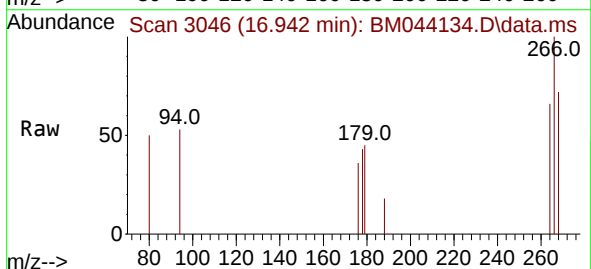
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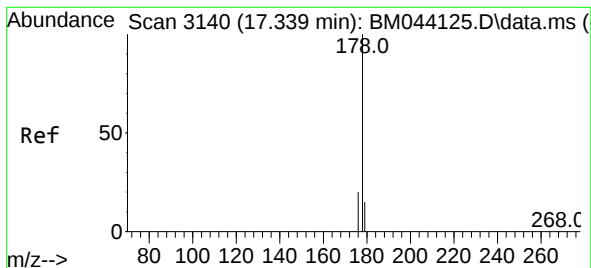
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#14
Pentachlorophenol
Concen: 0.052 ng/ul
RT: 16.942 min Scan# 3046
Delta R.T. -0.004 min
Lab File: BM044134.D
Acq: 16 Feb 2024 12:08

Tgt Ion:266 Resp: 668
Ion Ratio Lower Upper
266 100
264 60.9 49.4 74.0
268 61.2 52.1 78.1





#15

Phenanthrene

Concen: 0.103 ng/ul

RT: 17.338 min Scan# 3140

Delta R.T. 0.000 min

Lab File: BM044134.D

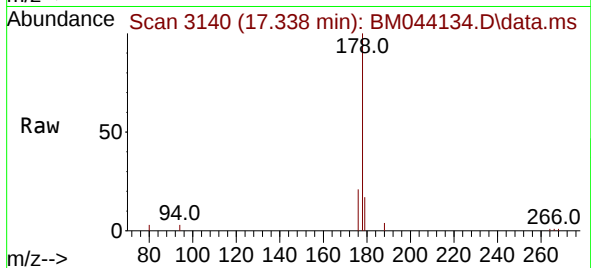
Acq: 16 Feb 2024 12:08

Instrument :

BNA_M

ClientSampleId :

C0FL2DL



Tgt Ion:178 Resp: 11598

Ion Ratio Lower Upper

178 100

179 17.4 12.6 19.0

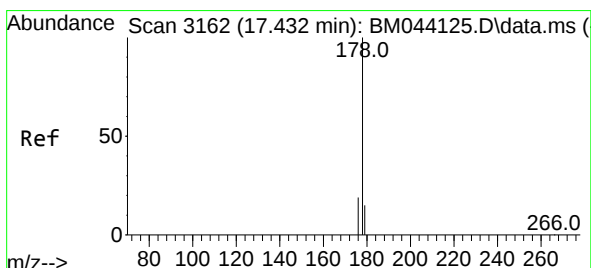
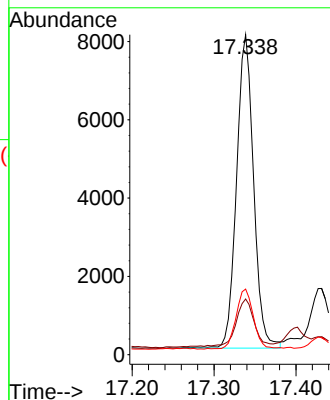
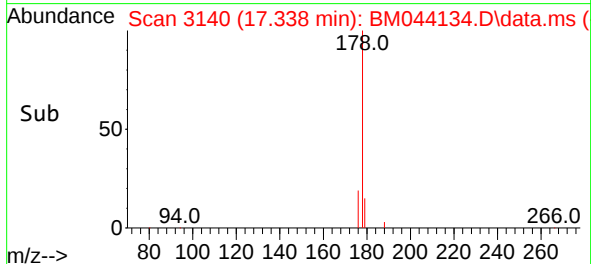
176 20.5 16.0 24.0

Manual Integrations

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#16

Anthracene

Concen: 0.021 ng/ul m

RT: 17.431 min Scan# 3162

Delta R.T. -0.004 min

Lab File: BM044134.D

Acq: 16 Feb 2024 12:08

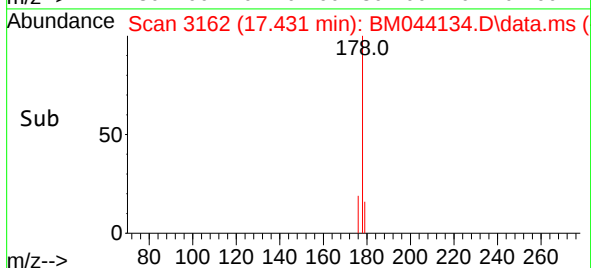
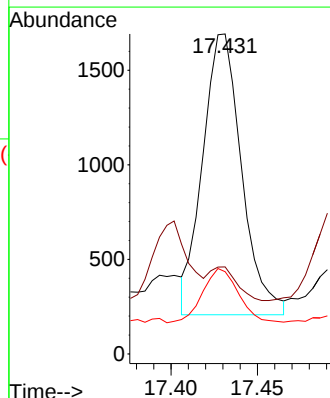
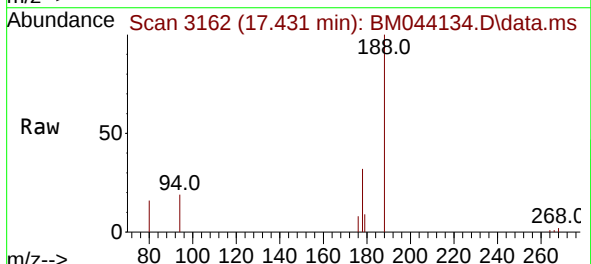
Tgt Ion:178 Resp: 2332

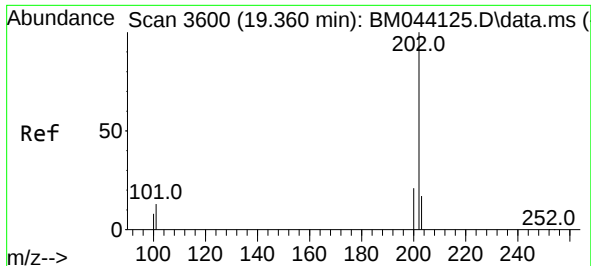
Ion Ratio Lower Upper

178 100

179 27.2 12.8 19.2#

176 25.7 15.3 22.9#





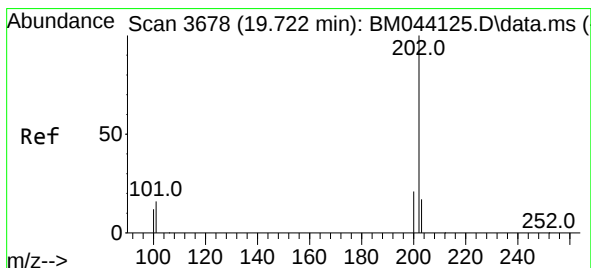
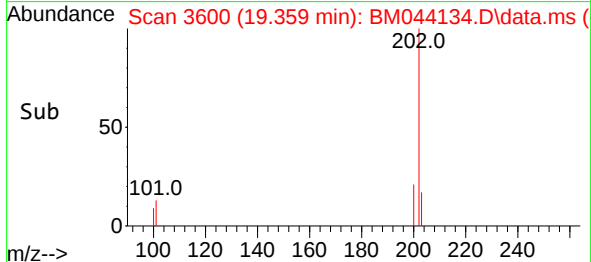
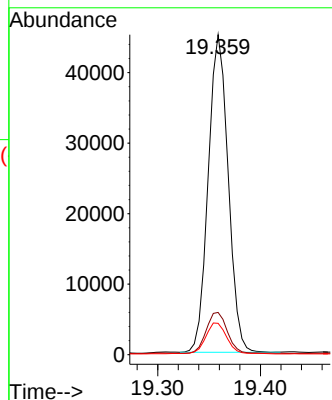
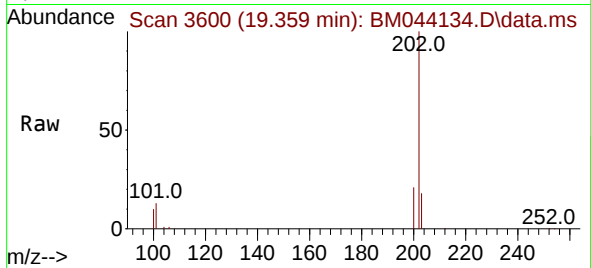
#19
Fluoranthene
Concen: 0.553 ng/u1
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM044134.D
Acq: 16 Feb 2024 12:08

Instrument :
BNA_M
ClientSampleId :
C0FL2DL

Tgt Ion:202 Resp: 60664
Ion Ratio Lower Upper
202 100
101 13.2 9.8 14.6
100 9.8 7.0 10.4

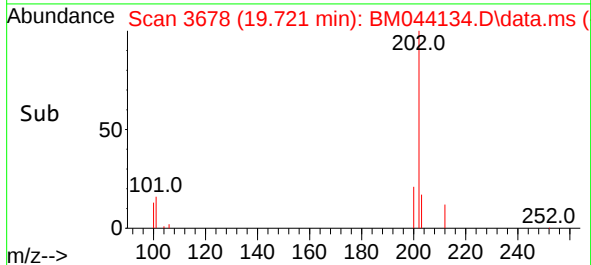
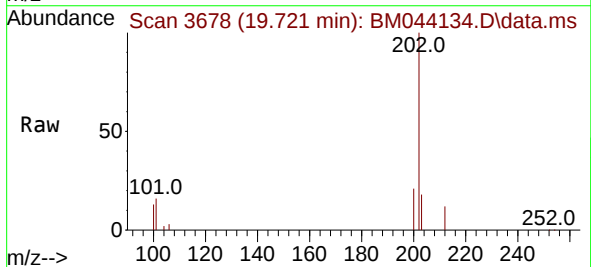
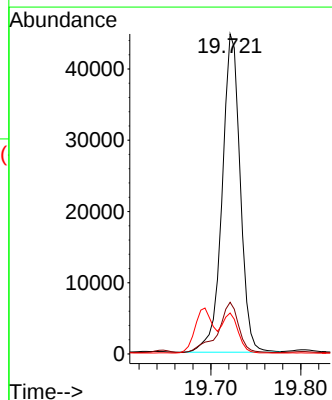
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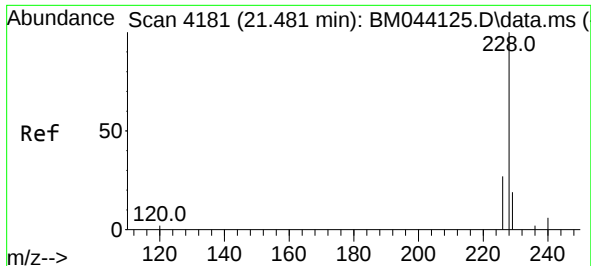
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#20
Pyrene
Concen: 0.539 ng/u1
RT: 19.721 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM044134.D
Acq: 16 Feb 2024 12:08

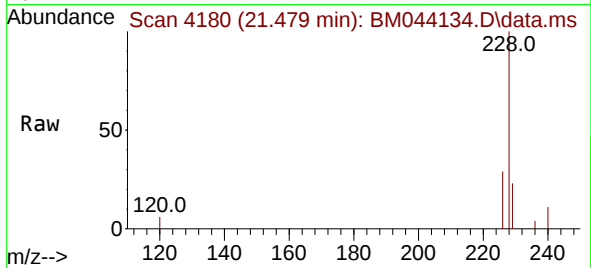
Tgt Ion:202 Resp: 62195
Ion Ratio Lower Upper
202 100
101 16.1 11.2 16.8
100 12.8 8.6 13.0





#21
Benzo(a)anthracene
Concen: 0.278 ng/ul
RT: 21.479 min Scan# 4181
Delta R.T. -0.006 min
Lab File: BM044134.D
Acq: 16 Feb 2024 12:08

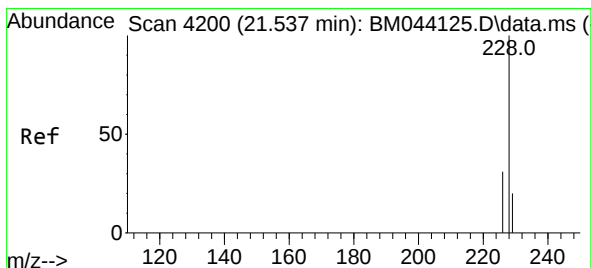
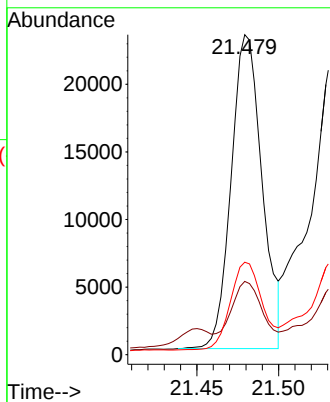
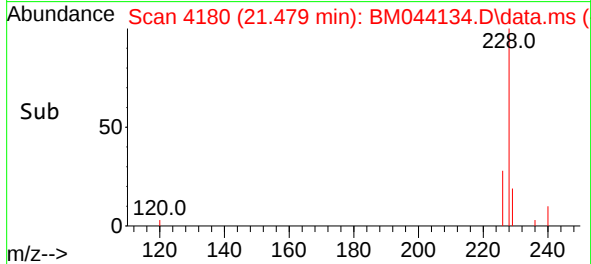
Instrument :
BNA_M
ClientSampleId :
C0FL2DL



Tgt Ion:228 Resp: 3062
Ion Ratio Lower Upper
228 100
229 22.9 15.4 23.2
226 28.9 22.1 33.1

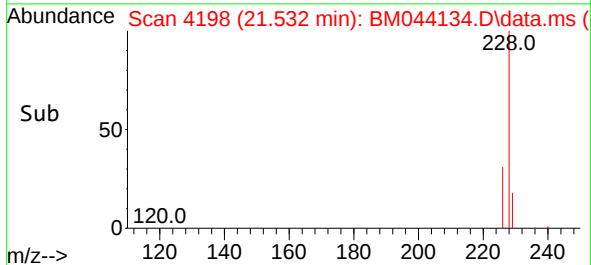
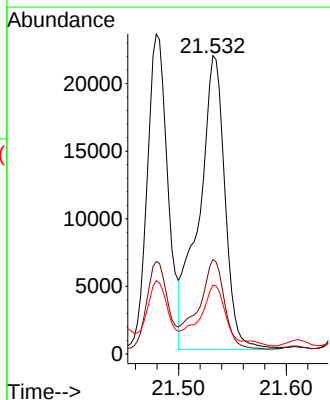
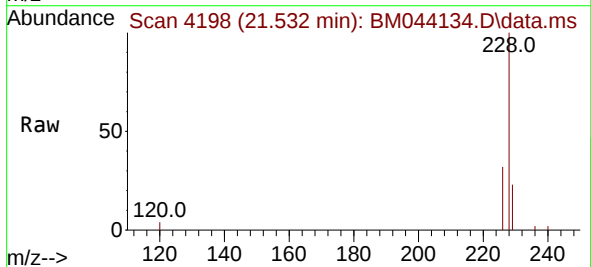
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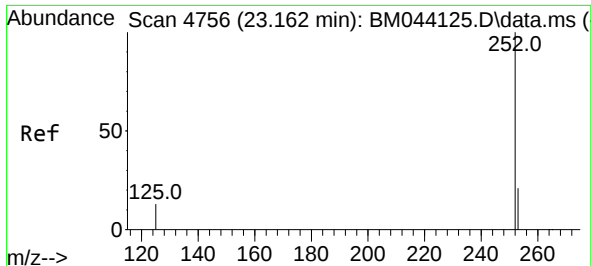
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#22
Chrysene
Concen: 0.310 ng/ul m
RT: 21.532 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BM044134.D
Acq: 16 Feb 2024 12:08

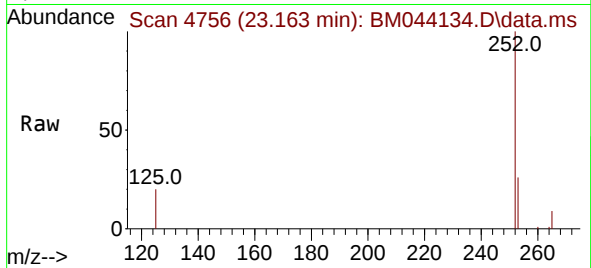
Tgt Ion:228 Resp: 36820
Ion Ratio Lower Upper
228 100
226 31.6 24.2 36.2
229 23.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.493 ng/ul
RT: 23.163 min Scan# 4756
Delta R.T. 0.000 min
Lab File: BM044134.D
Acq: 16 Feb 2024 12:08

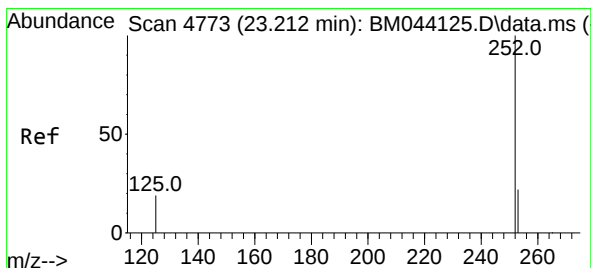
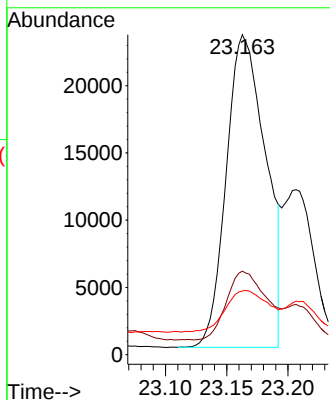
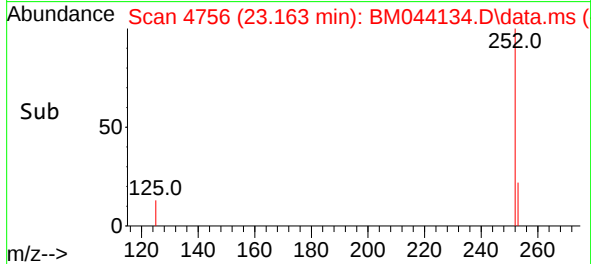
Instrument :
BNA_M
ClientSampleId :
C0FL2DL



Tgt Ion:252 Resp: 5194
Ion Ratio Lower Upper
252 100
253 26.1 0.0 50.0
125 19.9 0.0 28.2

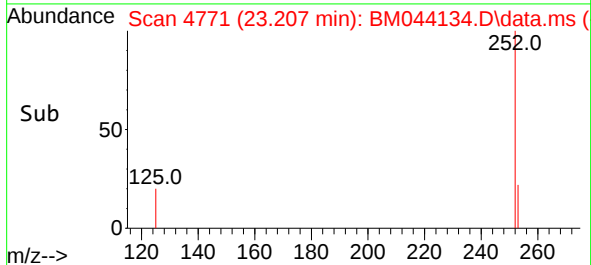
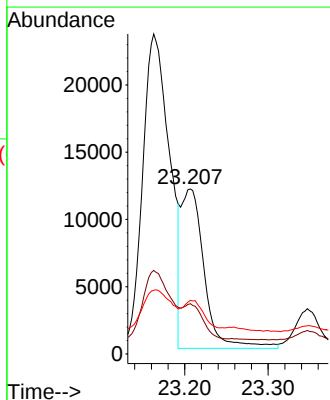
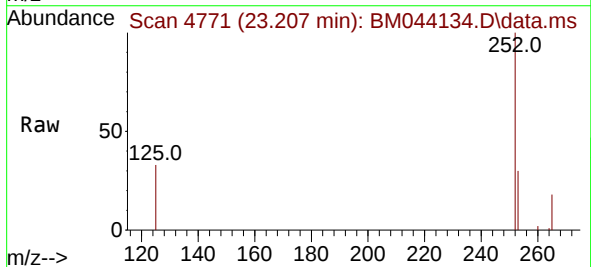
Manual Integrations
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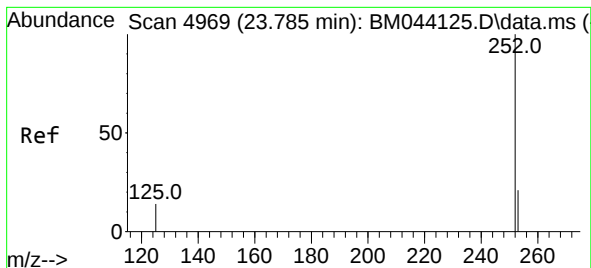
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#25
Benzo(k)fluoranthene
Concen: 0.201 ng/ul m
RT: 23.207 min Scan# 4771
Delta R.T. -0.006 min
Lab File: BM044134.D
Acq: 16 Feb 2024 12:08

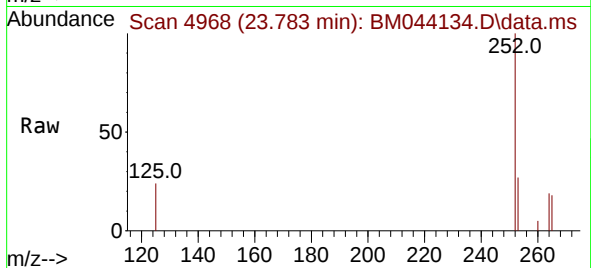
Tgt Ion:252 Resp: 22970
Ion Ratio Lower Upper
252 100
253 30.5 20.1 30.1#
125 32.5 12.3 18.5#





#26
Benzo(a)pyrene
Concen: 0.315 ng/ul
RT: 23.783 min Scan# 4969
Delta R.T. -0.003 min
Lab File: BM044134.D
Acq: 16 Feb 2024 12:08

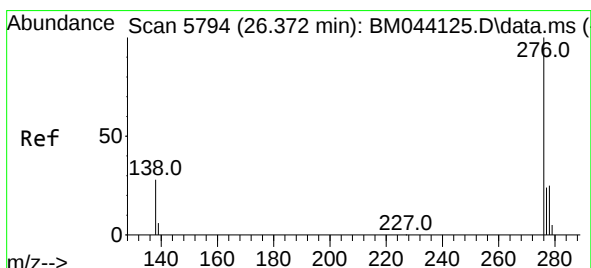
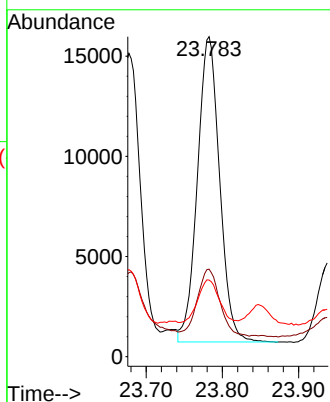
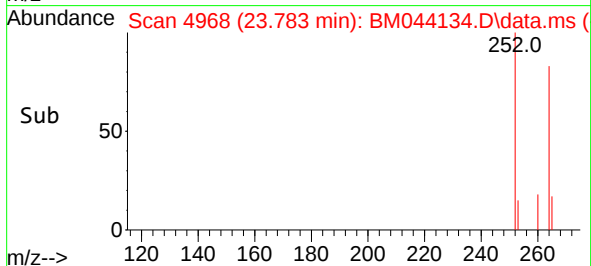
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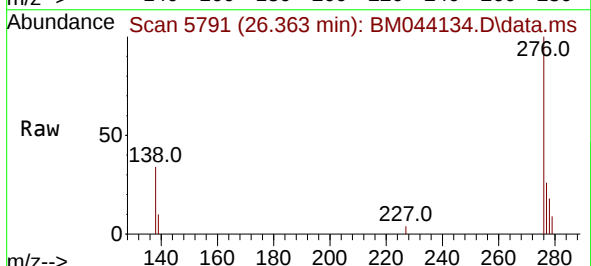
Tgt Ion:252 Resp: 30869
Ion Ratio Lower Upper
252 100
253 27.3 21.4 32.2
125 23.9 13.3 19.9

Manual Integrations
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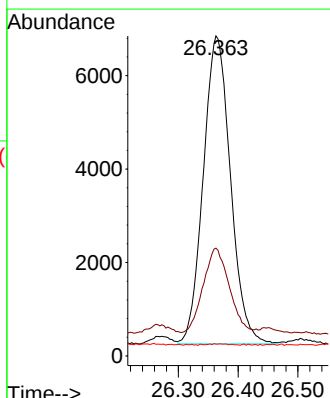
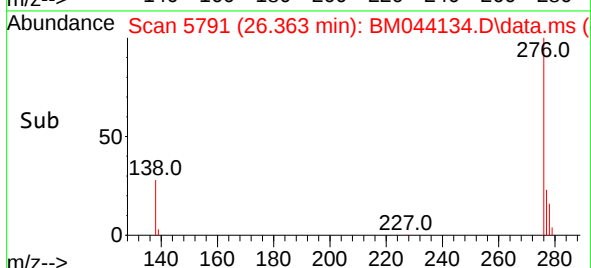
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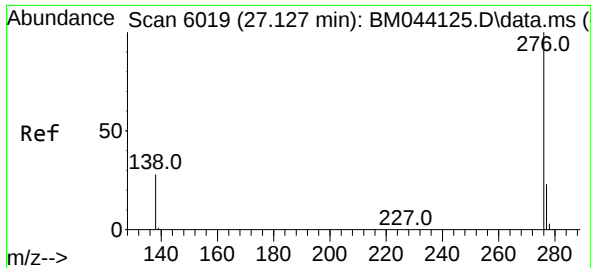


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.167 ng/ul
RT: 26.363 min Scan# 5791
Delta R.T. -0.007 min
Lab File: BM044134.D
Acq: 16 Feb 2024 12:08



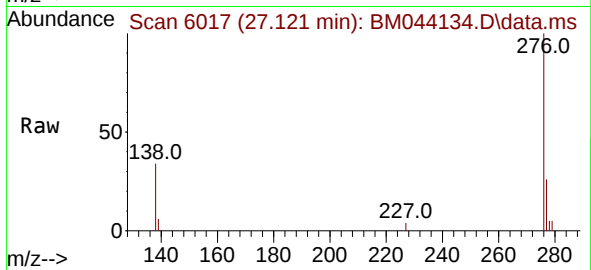
Tgt Ion:276 Resp: 20846
Ion Ratio Lower Upper
276 100
138 26.8 25.2 37.8
227 0.3 0.1 0.1





#29
Benzo(g,h,i)perylene
Concen: 0.197 ng/ul
RT: 27.121 min Scan# 6017
Delta R.T. -0.007 min
Lab File: BM044134.D
Acq: 16 Feb 2024 12:08

Instrument :
BNA_M
ClientSampleId :
C0FL2DL



Tgt Ion:276 Resp: 2167
Ion Ratio Lower Upper
276 100
138 34.2 22.7 34.1
277 25.7 19.0 28.6

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