

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046304.D
 Acq On : 25 Jun 2024 22:47
 Operator : MA/JU
 Sample : P2844-26
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C51

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 00:05:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 08:04:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.396	152	2426	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.161	136	7300	0.400	ng/ul	-0.09
9) Acenaphthene-d10	14.044	164	3929	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.795	188	8234m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.011	240	6516	0.400	ng/ul	-0.01
23) Perylene-d12	23.089	264	6511m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	10422	3.131	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.745	152	2448	0.250	ng/ul	-0.13
18) Fluoranthene-d10	18.830	212	4523	0.232	ng/ul	-0.04
Target Compounds						
10) Acenaphthylene	13.762	152	375	0.020	ng/ul#	23
15) Phenanthrene	16.833	178	1145m	0.049	ng/ul	
19) Fluoranthene	18.863	202	2418	0.086	ng/ul#	91
20) Pyrene	19.221	202	2178	0.071	ng/ul#	51
21) Benzo(a)anthracene	20.997	228	1254	0.050	ng/ul#	66
22) Chrysene	21.047	228	1304	0.041	ng/ul#	76
24) Benzo(b)fluoranthene	22.478	252	1757m	0.075	ng/ul	
25) Benzo(k)fluoranthene	22.504	252	834m	0.030	ng/ul	
26) Benzo(a)pyrene	22.993	252	913	0.042	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.155	276	894m	0.025	ng/ul	
29) Benzo(g,h,i)perylene	25.765	276	864	0.028	ng/ul#	2

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

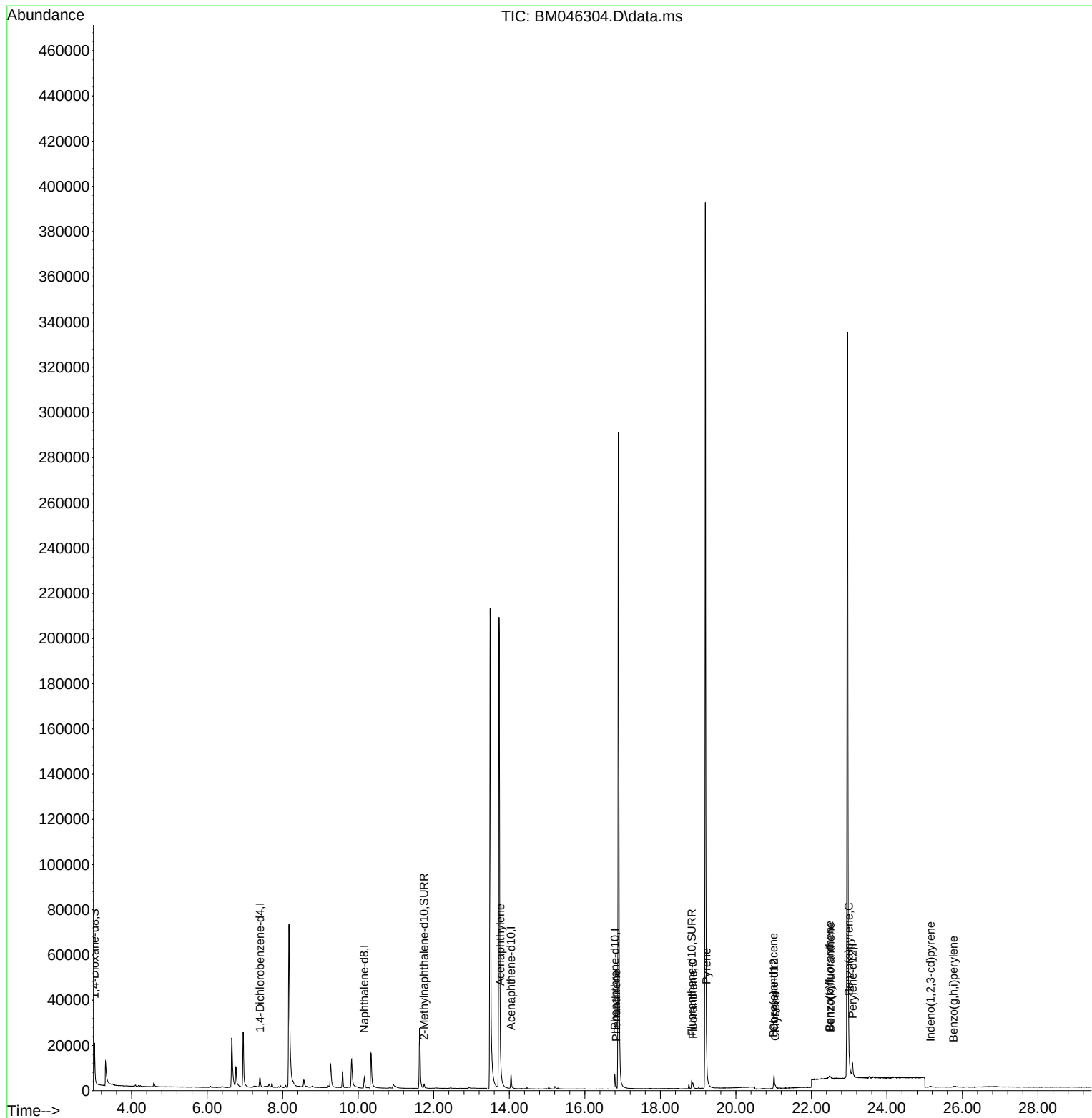
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046304.D
Acq On : 25 Jun 2024 22:47
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ALS Vial : 64 Sample Multiplier: 1

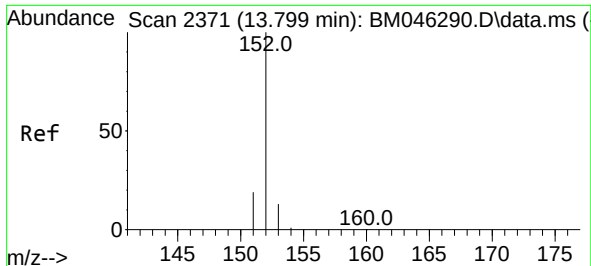
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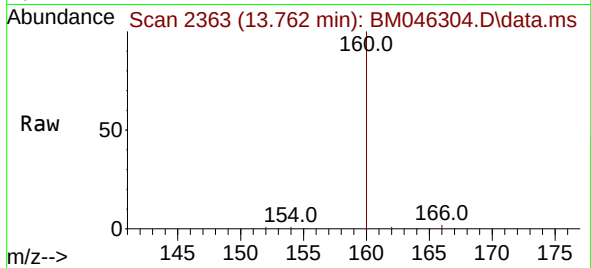
Quant Time: Jun 26 00:05:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
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#10
Acenaphthylene
Concen: 0.020 ng/ul
RT: 13.762 min Scan# 21
Delta R.T. -0.056 min
Lab File: BM046304.D
Acq: 25 Jun 2024 22:47

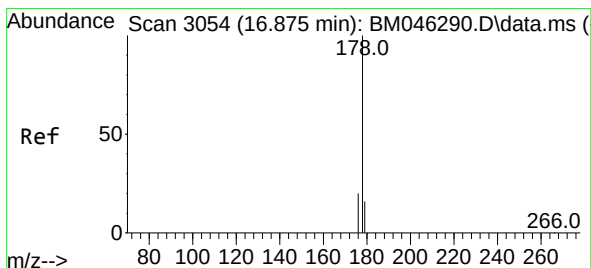
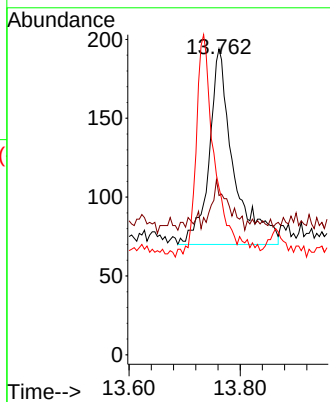
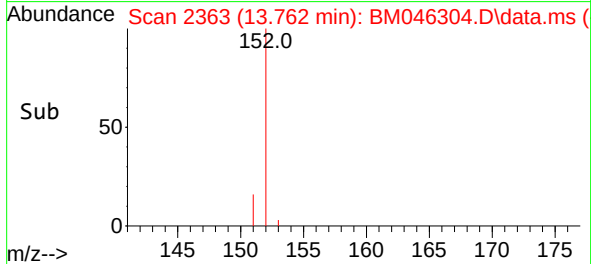
Instrument :
BNA_M
ClientSampleId :
A4C51



Tgt Ion:152 Resp: 379
Ion Ratio Lower Upper
152 100
151 52.1 17.4 26.2#
153 54.6 11.8 17.8#

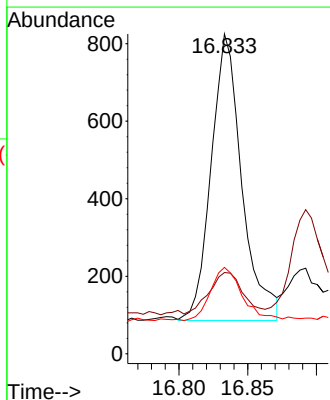
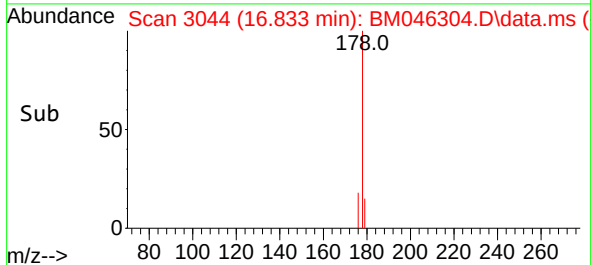
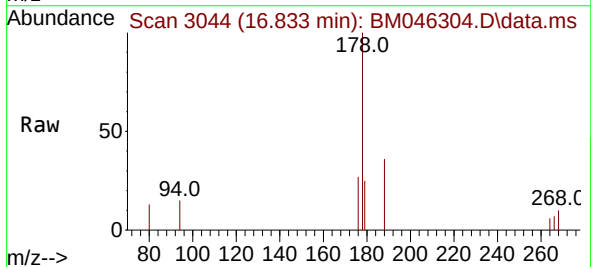
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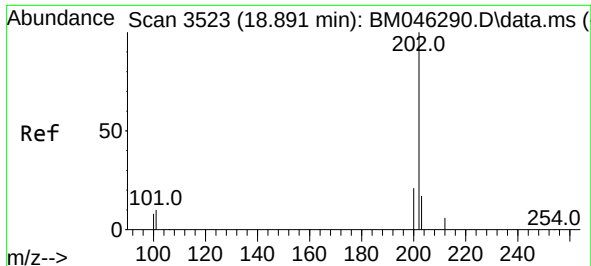
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#15
Phenanthrene
Concen: 0.049 ng/ul m
RT: 16.833 min Scan# 3044
Delta R.T. -0.055 min
Lab File: BM046304.D
Acq: 25 Jun 2024 22:47

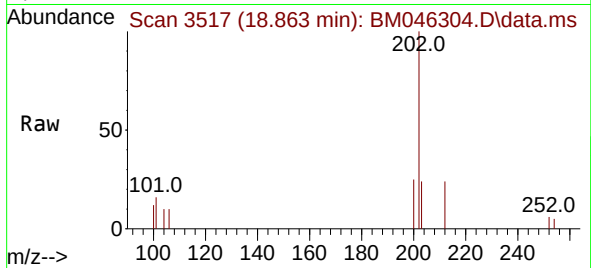
Tgt Ion:178 Resp: 1145
Ion Ratio Lower Upper
178 100
179 25.5 14.2 21.2#
176 27.0 17.1 25.7#





#19
Fluoranthene
Concen: 0.086 ng/ul
RT: 18.863 min Scan# 3517
Delta R.T. -0.042 min
Lab File: BM046304.D
Acq: 25 Jun 2024 22:47

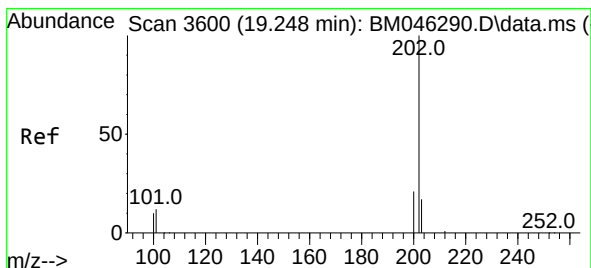
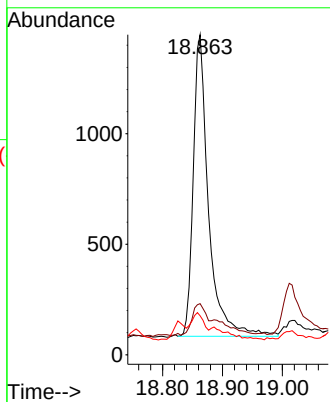
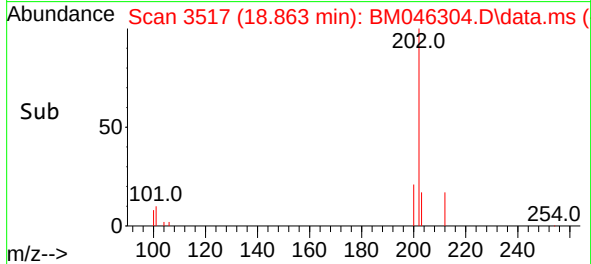
Instrument :
BNA_M
ClientSampleId :
A4C51



Tgt Ion:202 Resp: 2418
Ion Ratio Lower Upper
202 100
101 16.0 9.6 14.4#
100 12.2 7.6 11.4#

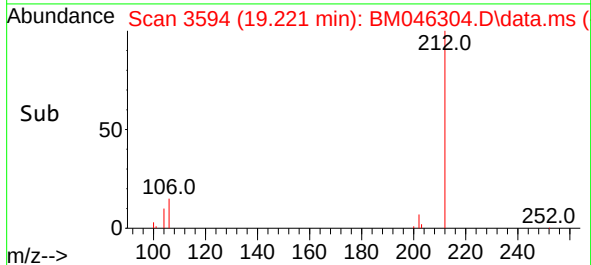
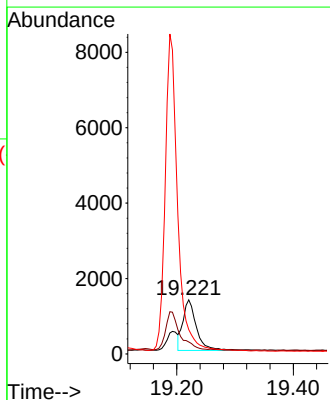
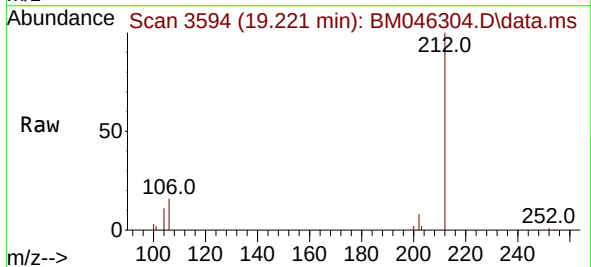
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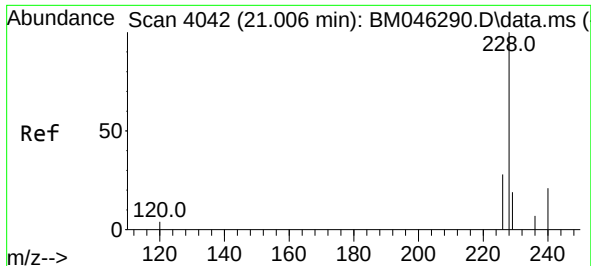
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#20
Pyrene
Concen: 0.071 ng/ul
RT: 19.221 min Scan# 3594
Delta R.T. -0.037 min
Lab File: BM046304.D
Acq: 25 Jun 2024 22:47

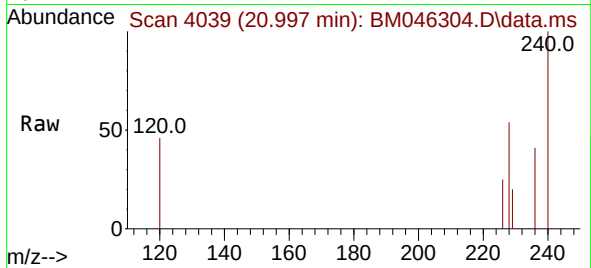
Tgt Ion:202 Resp: 2178
Ion Ratio Lower Upper
202 100
101 22.1 11.3 16.9#
100 44.8 9.8 14.6#





#21
Benzo(a)anthracene
Concen: 0.050 ng/u1
RT: 20.997 min Scan# 4039
Delta R.T. -0.015 min
Lab File: BM046304.D
Acq: 25 Jun 2024 22:47

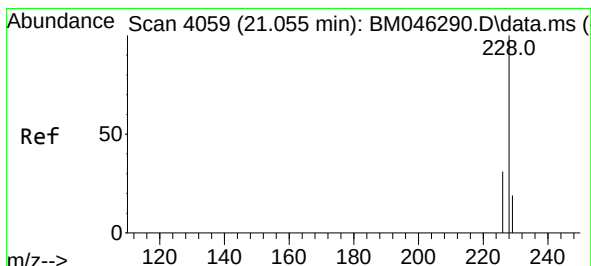
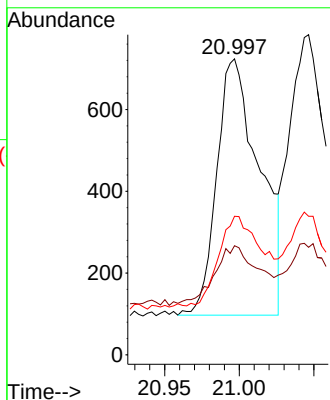
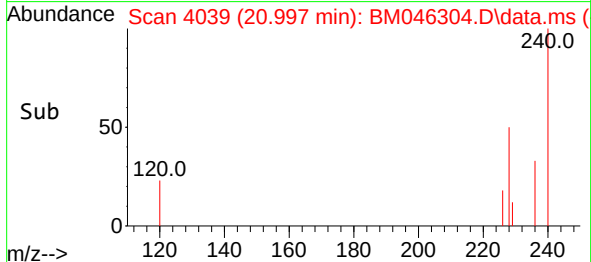
Instrument :
BNA_M
ClientSampleId :
A4C51



Tgt Ion:228 Resp: 1254
Ion Ratio Lower Upper
228 100
229 36.9 16.4 24.6#
226 46.8 23.4 35.2#

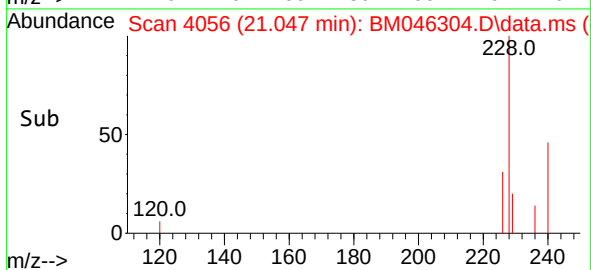
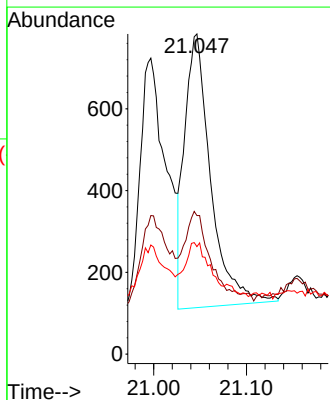
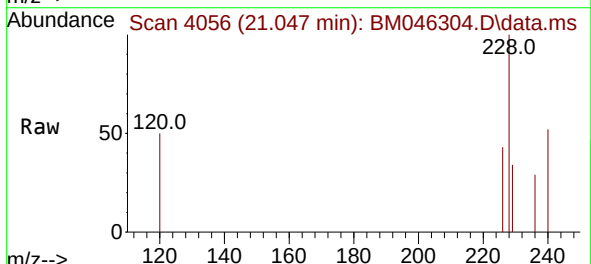
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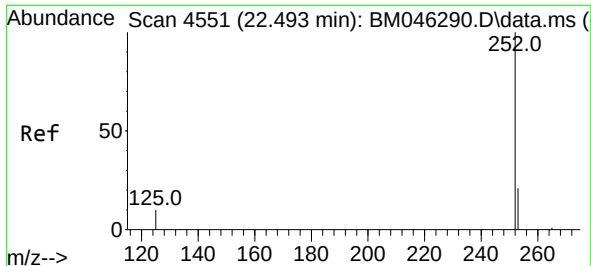
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#22
Chrysene
Concen: 0.041 ng/u1
RT: 21.047 min Scan# 4056
Delta R.T. -0.012 min
Lab File: BM046304.D
Acq: 25 Jun 2024 22:47

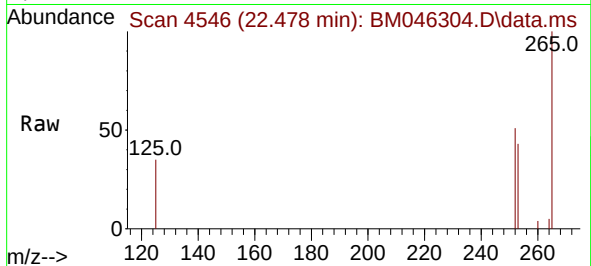
Tgt Ion:228 Resp: 1304
Ion Ratio Lower Upper
228 100
226 43.3 25.2 37.8#
229 33.6 16.3 24.5#





#24
Benzo(b)fluoranthene
Concen: 0.075 ng/ul m
RT: 22.478 min Scan# 4546
Delta R.T. -0.018 min
Lab File: BM046304.D
Acq: 25 Jun 2024 22:47

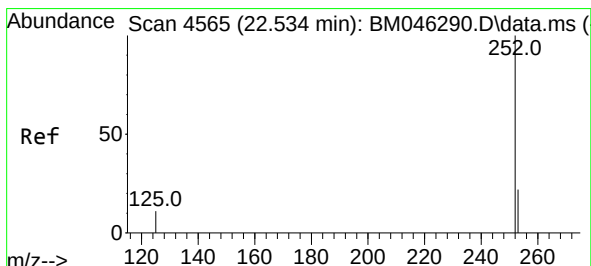
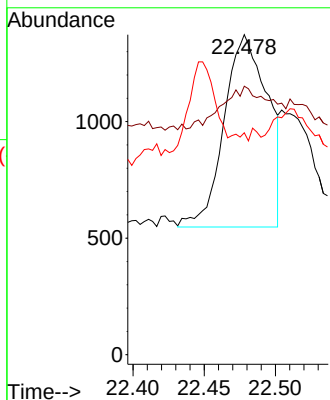
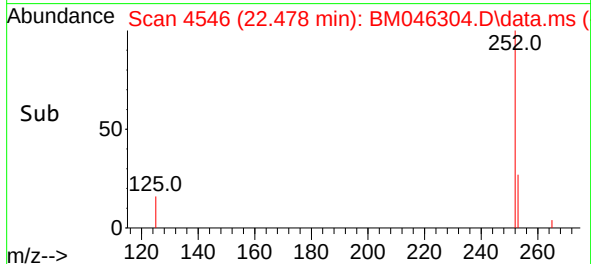
Instrument :
BNA_M
ClientSampleId :
A4C51



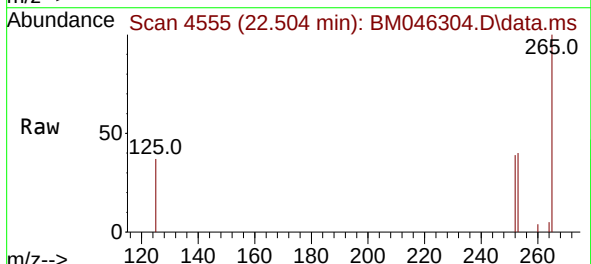
Tgt Ion:252 Resp: 175
Ion Ratio Lower Upper
252 100
253 83.9 0.0 65.8
125 69.3 0.0 40.2

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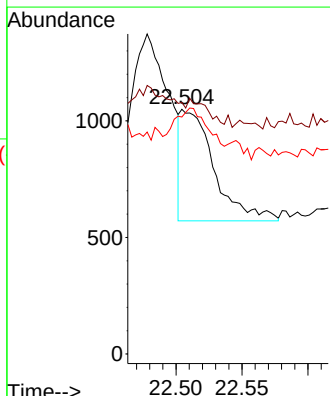
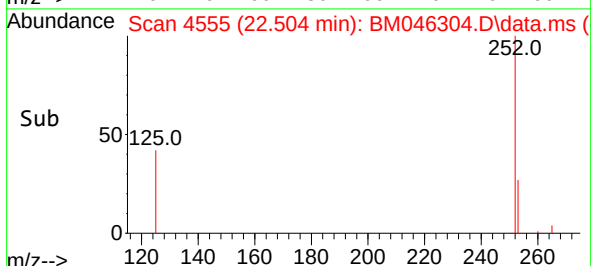
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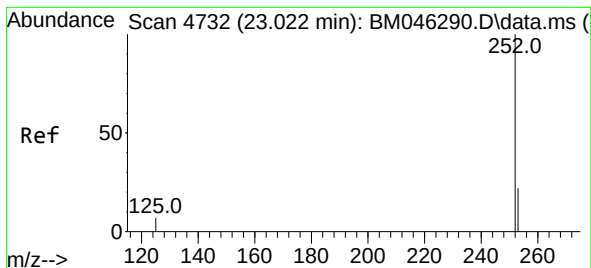


#25
Benzo(k)fluoranthene
Concen: 0.030 ng/ul m
RT: 22.504 min Scan# 4555
Delta R.T. -0.032 min
Lab File: BM046304.D
Acq: 25 Jun 2024 22:47



Tgt Ion:252 Resp: 834
Ion Ratio Lower Upper
252 100
253 102.8 27.2 40.8#
125 96.9 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 0.042 ng/ul

RT: 22.993 min Scan# 4732

Delta R.T. -0.035 min

Lab File: BM046304.D

Acq: 25 Jun 2024 22:47

Instrument :

BNM_M

ClientSampleId :

A4C51

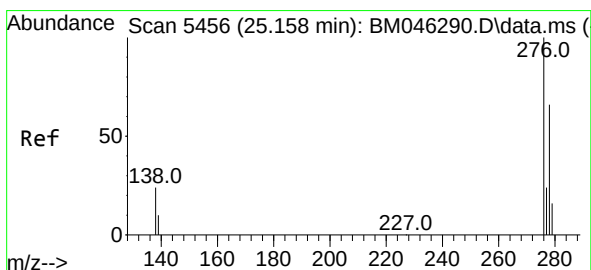
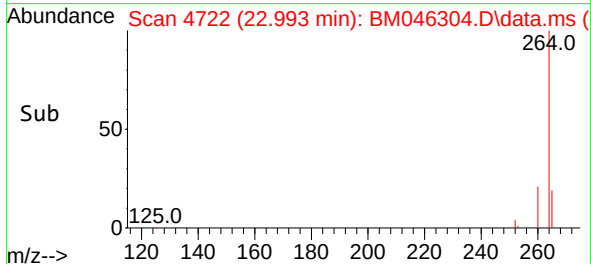
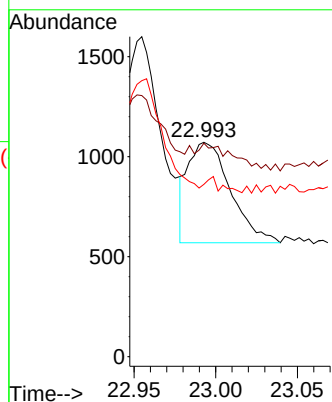
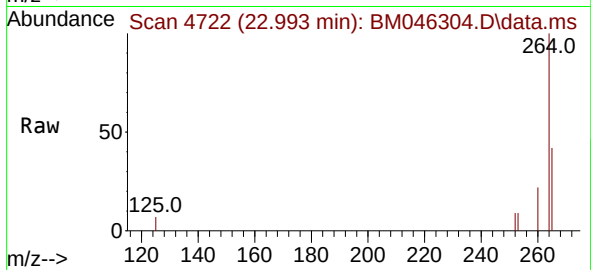
Tgt Ion:	252	Resp:	91
Ion Ratio	Lower	Upper	
252	100		
253	99.5	32.1	48.1
125	80.4	21.2	31.8

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.025 ng/ul m

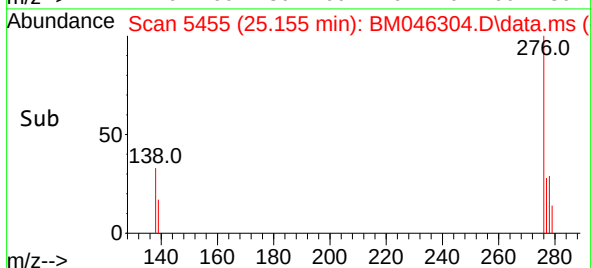
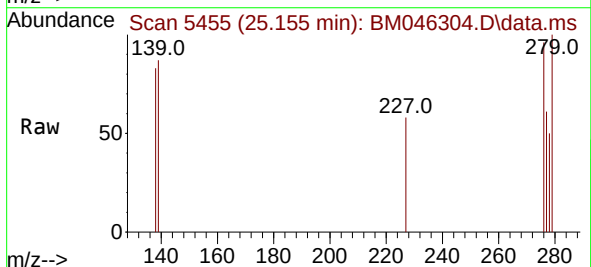
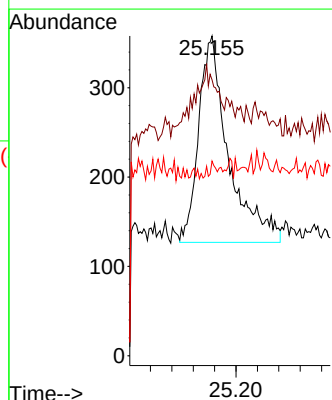
RT: 25.155 min Scan# 5455

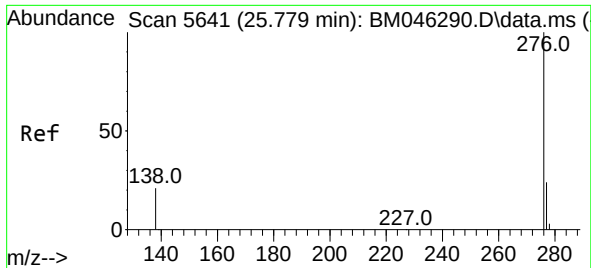
Delta R.T. -0.013 min

Lab File: BM046304.D

Acq: 25 Jun 2024 22:47

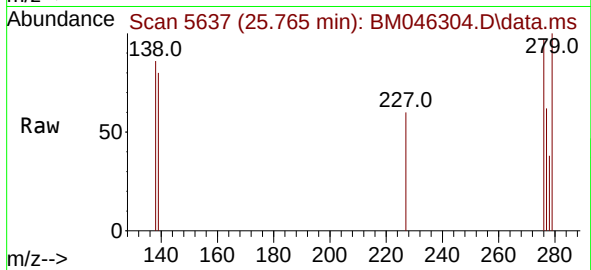
Tgt Ion:	276	Resp:	894
Ion Ratio	Lower	Upper	
276	100		
138	596.6	21.0	31.4
227	0.0	0.0	0.0





#29
Benzo(g,h,i)perylene
Concen: 0.028 ng/ul
RT: 25.765 min Scan# 50
Delta R.T. -0.020 min
Lab File: BM046304.D
Acq: 25 Jun 2024 22:47

Instrument :
BNA_M
ClientSampleId :
A4C51



Tgt Ion:276 Resp: 864
Ion Ratio Lower Upper
276 100
138 88.7 21.7 32.5
277 64.2 20.4 30.6

Manual Integrations
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