

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045892.D
 Acq On : 07 Jun 2024 22:19
 Operator : MA/JU
 Sample : P2586-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D30

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 07 23:02:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	6190	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.237	136	21231	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.112	164	10996	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.857	188	22004m	0.400	ng/ul	0.00
17) Chrysene-d12	21.050	240	16005m	0.400	ng/ul	0.00
23) Perylene-d12	23.154	264	16639m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	20380	2.891	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.843	152	5367	0.176	ng/ul	0.00
18) Fluoranthene-d10	18.889	212	9559	0.199	ng/ul	0.00
Target Compounds						
15) Phenanthrene	16.895	178	1985m	0.032	ng/ul	
19) Fluoranthene	18.917	202	4034	0.063	ng/ul#	93
20) Pyrene	19.280	202	3524	0.053	ng/ul#	88
21) Benzo(a)anthracene	21.032	228	1904	0.032	ng/ul#	77
22) Chrysene	21.085	228	2143	0.034	ng/ul#	81
24) Benzo(b)fluoranthene	22.534	252	3137m	0.057	ng/ul	
26) Benzo(a)pyrene	23.063	252	1684	0.031	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.226	276	1438	0.020	ng/ul#	98
29) Benzo(g,h,i)perylene	25.856	276	1573	0.026	ng/ul#	11

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

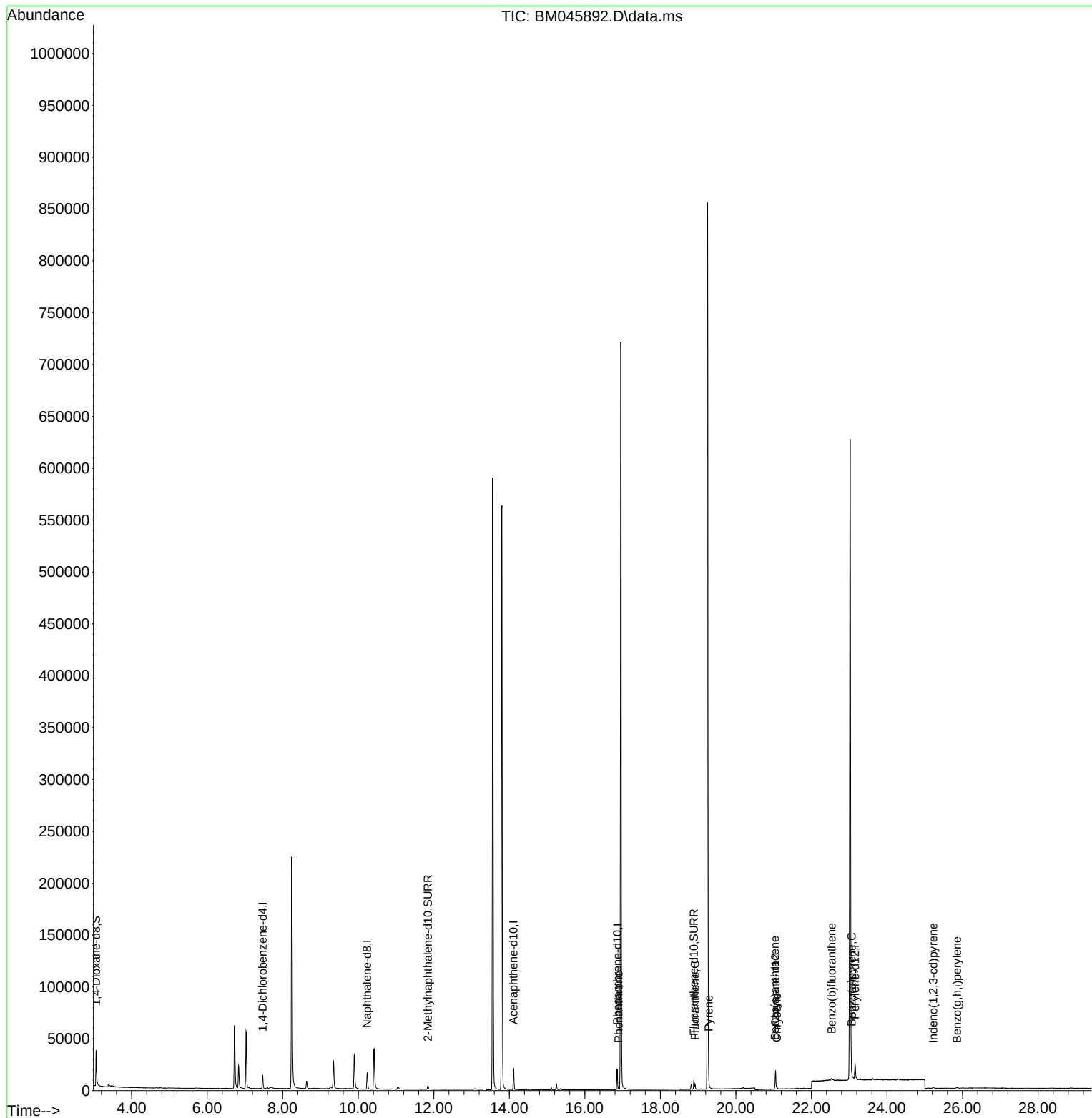
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045892.D
Acq On : 07 Jun 2024 22:19
Operator : MA/JU
Sample : P2586-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

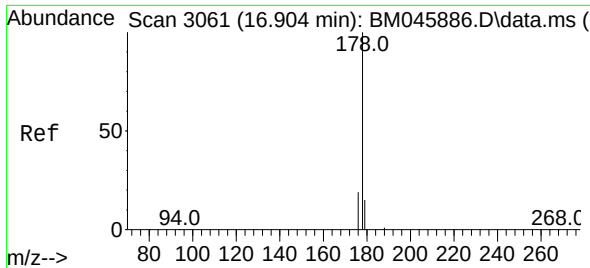
Instrument :
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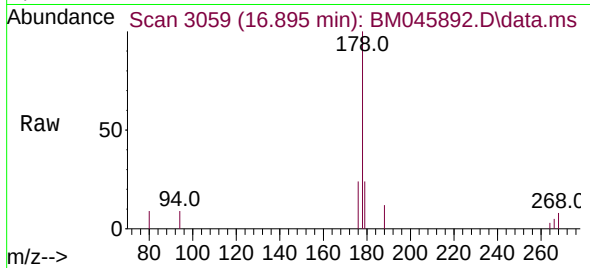
Quant Time: Jun 07 23:02:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.032 ng/ul m
RT: 16.895 min Scan# 3061
Delta R.T. -0.008 min
Lab File: BM045892.D
Acq: 07 Jun 2024 22:19

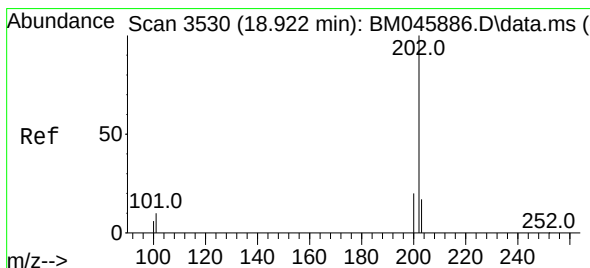
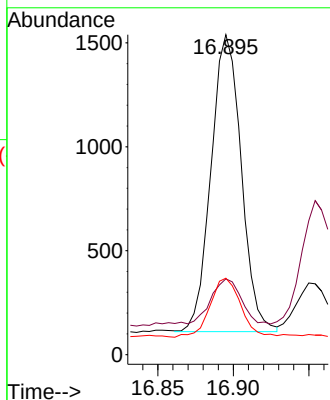
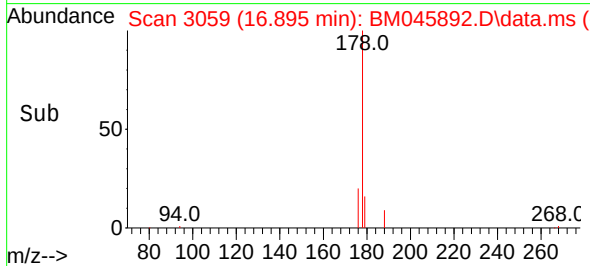
Instrument :
BNA_M
ClientSampleId :
A4D30



Tgt Ion:178 Resp: 1984
Ion Ratio Lower Upper
178 100
179 23.7 12.7 19.1#
176 23.9 15.6 23.4#

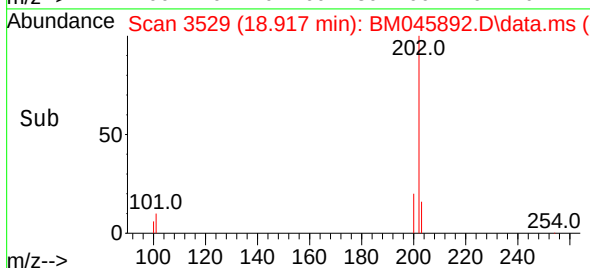
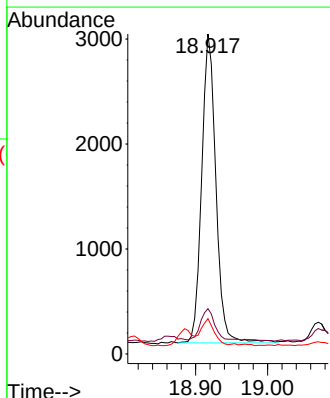
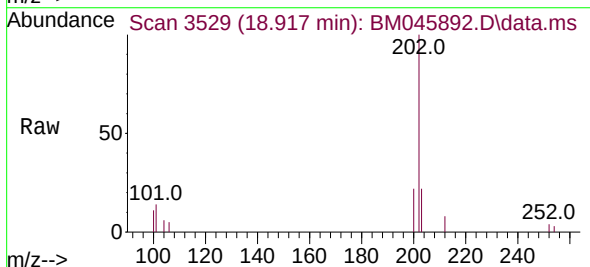
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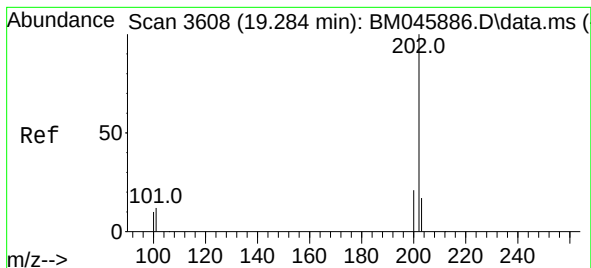
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#19
Fluoranthene
Concen: 0.063 ng/ul
RT: 18.917 min Scan# 3529
Delta R.T. -0.005 min
Lab File: BM045892.D
Acq: 07 Jun 2024 22:19

Tgt Ion:202 Resp: 4034
Ion Ratio Lower Upper
202 100
101 14.1 9.0 13.6#
100 11.1 7.0 10.6#





#20

Pyrene

Concen: 0.053 ng/ul

RT: 19.280 min Scan# 3608

Delta R.T. -0.005 min

Lab File: BM045892.D

Acq: 07 Jun 2024 22:19

Instrument :

BNA_M

ClientSampleId :

A4D30

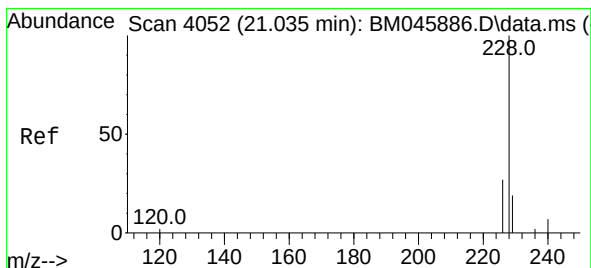
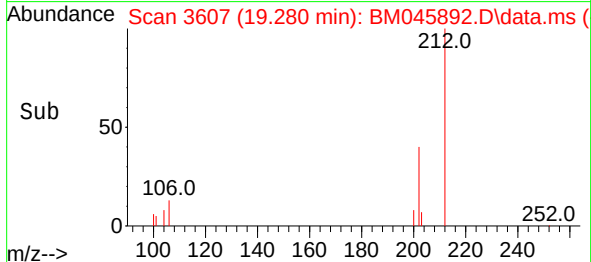
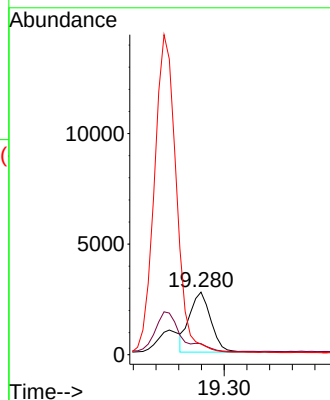
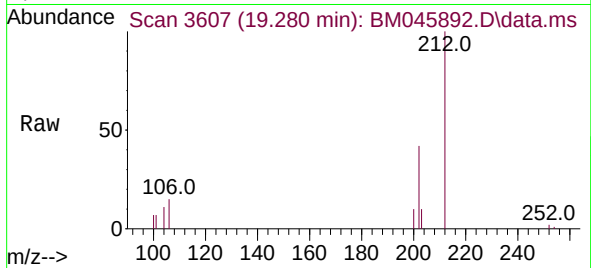
Tgt Ion:202	Resp:	3524
Ion Ratio	Lower	Upper
202	100	
101	17.6	10.6 16.0#
100	16.9	9.1 13.7#

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#21

Benzo(a)anthracene

Concen: 0.032 ng/ul

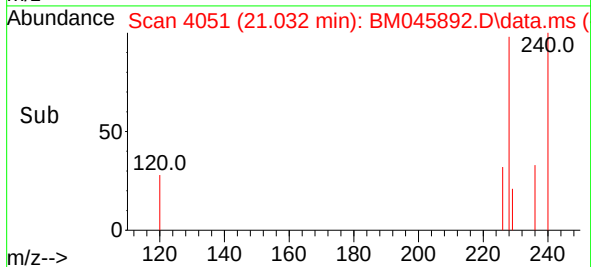
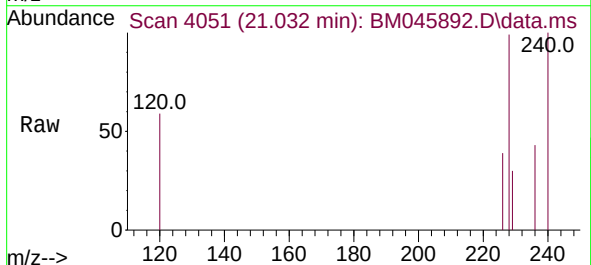
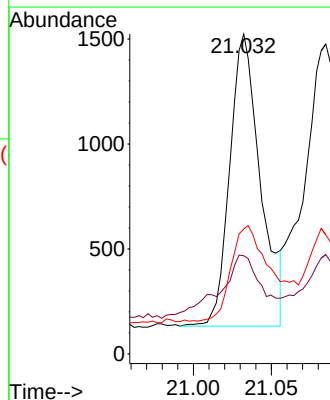
RT: 21.032 min Scan# 4051

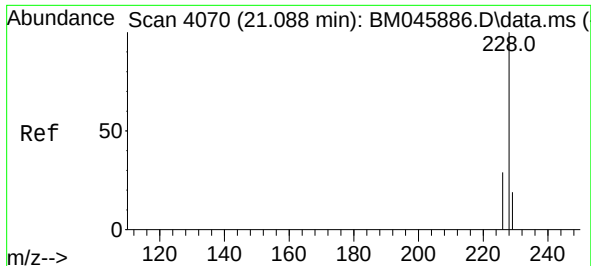
Delta R.T. -0.003 min

Lab File: BM045892.D

Acq: 07 Jun 2024 22:19

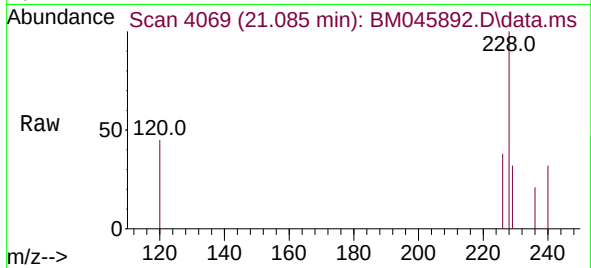
Tgt Ion:228	Resp:	1904
Ion Ratio	Lower	Upper
228	100	
229	30.7	15.7 23.5#
226	39.0	22.0 33.0#





#22
Chrysene
Concen: 0.034 ng/ul
RT: 21.085 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM045892.D
Acq: 07 Jun 2024 22:19

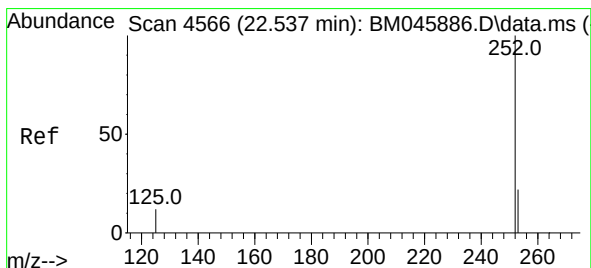
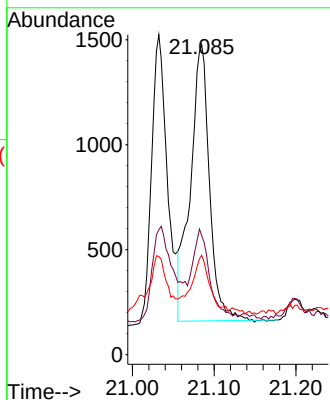
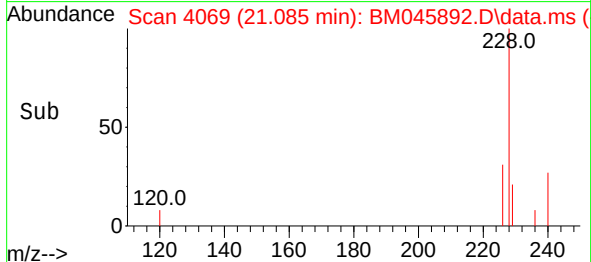
Instrument :
BNA_M
ClientSampleId :
A4D30



Tgt Ion:228 Resp: 214
Ion Ratio Lower Upper
228 100
226 38.4 24.5 36.7#
229 32.0 16.2 24.2#

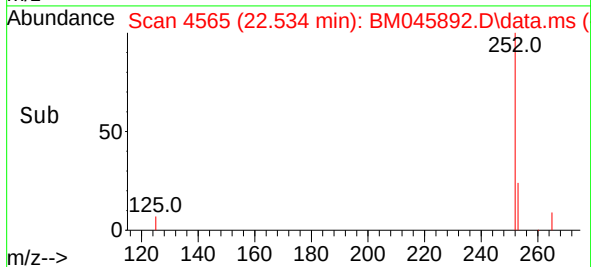
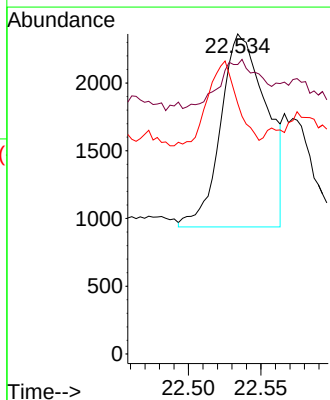
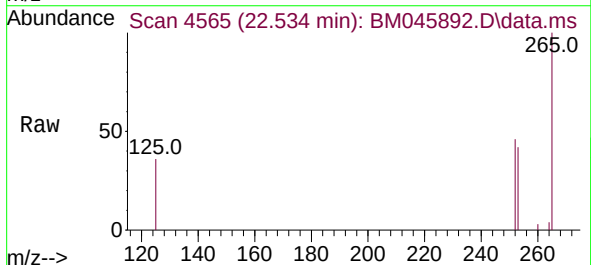
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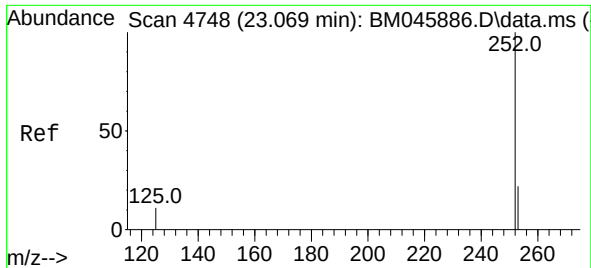
Reviewed By :Yogesh Patel 06/08/2024
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#24
Benzo(b)fluoranthene
Concen: 0.057 ng/ul m
RT: 22.534 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BM045892.D
Acq: 07 Jun 2024 22:19

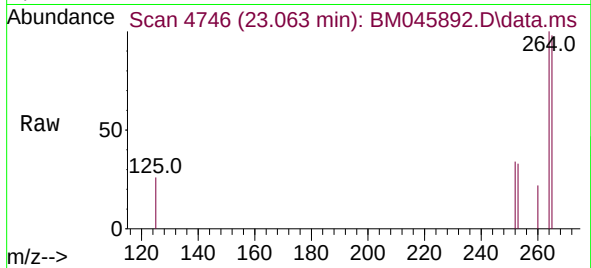
Tgt Ion:252 Resp: 3137
Ion Ratio Lower Upper
252 100
253 90.5 0.0 63.6#
125 78.3 0.0 35.8#





#26
Benzo(a)pyrene
Concen: 0.031 ng/ul
RT: 23.063 min Scan# 4748
Delta R.T. -0.009 min
Lab File: BM045892.D
Acq: 07 Jun 2024 22:19

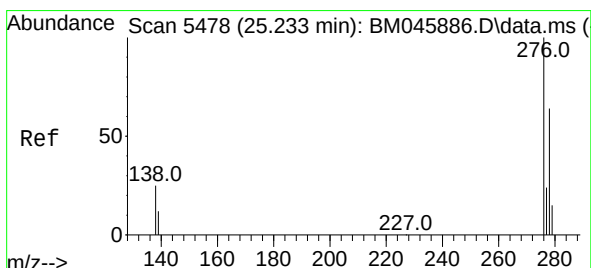
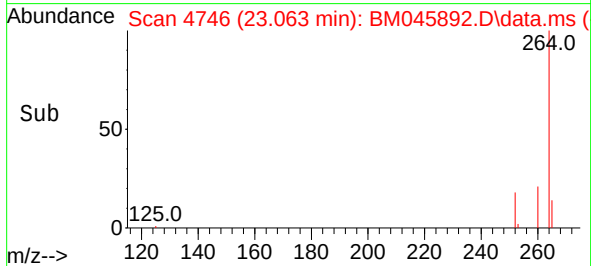
Instrument :
BNA_M
ClientSampleId :
A4D30



Tgt Ion:252 Resp: 1684
Ion Ratio Lower Upper
252 100
253 98.6 28.8 43.2
125 77.6 17.3 25.9

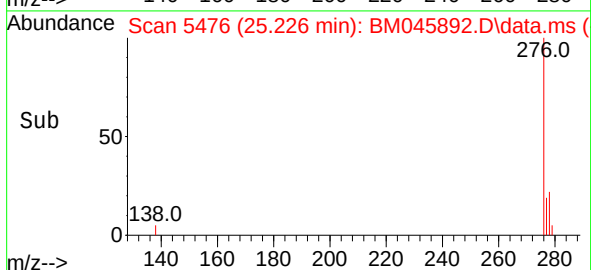
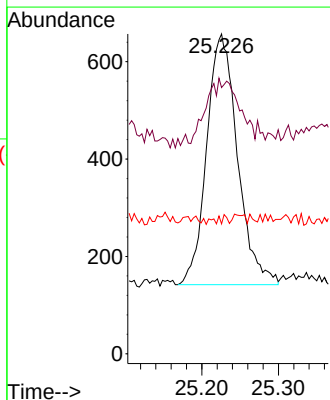
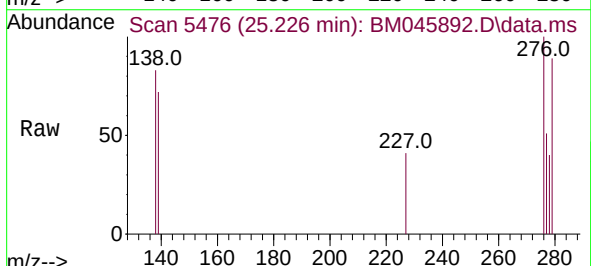
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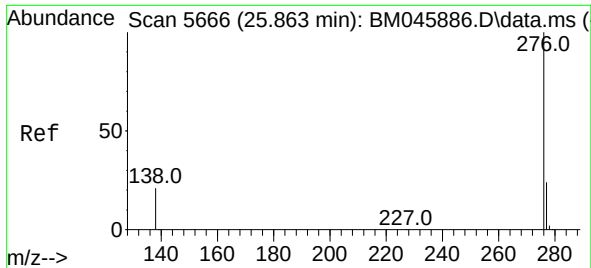
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng/ul
RT: 25.226 min Scan# 5476
Delta R.T. -0.006 min
Lab File: BM045892.D
Acq: 07 Jun 2024 22:19

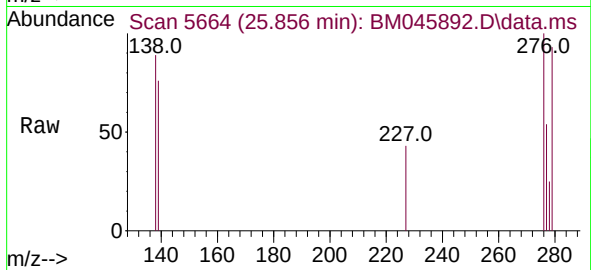
Tgt Ion:276 Resp: 1438
Ion Ratio Lower Upper
276 100
138 27.1 20.7 31.1
227 0.7 0.2 0.2





#29
Benzo(g,h,i)perylene
Concen: 0.026 ng/ul
RT: 25.856 min Scan# 50
Delta R.T. -0.006 min
Lab File: BM045892.D
Acq: 07 Jun 2024 22:19

Instrument :
BNA_M
ClientSampleId :
A4D30



Tgt Ion: 276 Resp: 1573
Ion Ratio Lower Upper
276 100
138 88.5 21.0 31.4
277 53.7 20.5 30.7

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