

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
 Data File : BM045629.D
 Acq On : 29 Apr 2024 21:29
 Operator : MA/JU
 Sample : P2105-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024

Quant Time: Apr 30 01:18:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 30 01:16:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.543	152	1155	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.303	136	3167	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.191	164	1531	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.954	188	2817m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.190	240	2311	0.400	ng/ul	# 0.00
23) Perylene-d12	23.367	264	2804m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	4909	3.171	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	1001	0.240	ng/ul	-0.01
18) Fluoranthene-d10	19.001	212	1510	0.208	ng/ul	-0.02
Target Compounds						
15) Phenanthrene	16.997	178	314m	0.038	ng/ul	Qvalue
19) Fluoranthene	19.033	202	770	0.072	ng/ul#	82
20) Pyrene	19.391	202	752	0.069	ng/ul#	71
21) Benzo(a)anthracene	21.181	228	408	0.055	ng/ul#	73
22) Chrysene	21.225	228	440	0.039	ng/ul#	81
24) Benzo(b)fluoranthene	22.712	252	852m	0.090	ng/ul	
25) Benzo(k)fluoranthene	22.750	252	370m	0.031	ng/ul	
26) Benzo(a)pyrene	23.259	252	496	0.051	ng/ul#	40
27) Indeno(1,2,3-cd)pyrene	25.595	276	572	0.040	ng/ul#	98
29) Benzo(g,h,i)perylene	26.245	276	603	0.047	ng/ul#	62

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

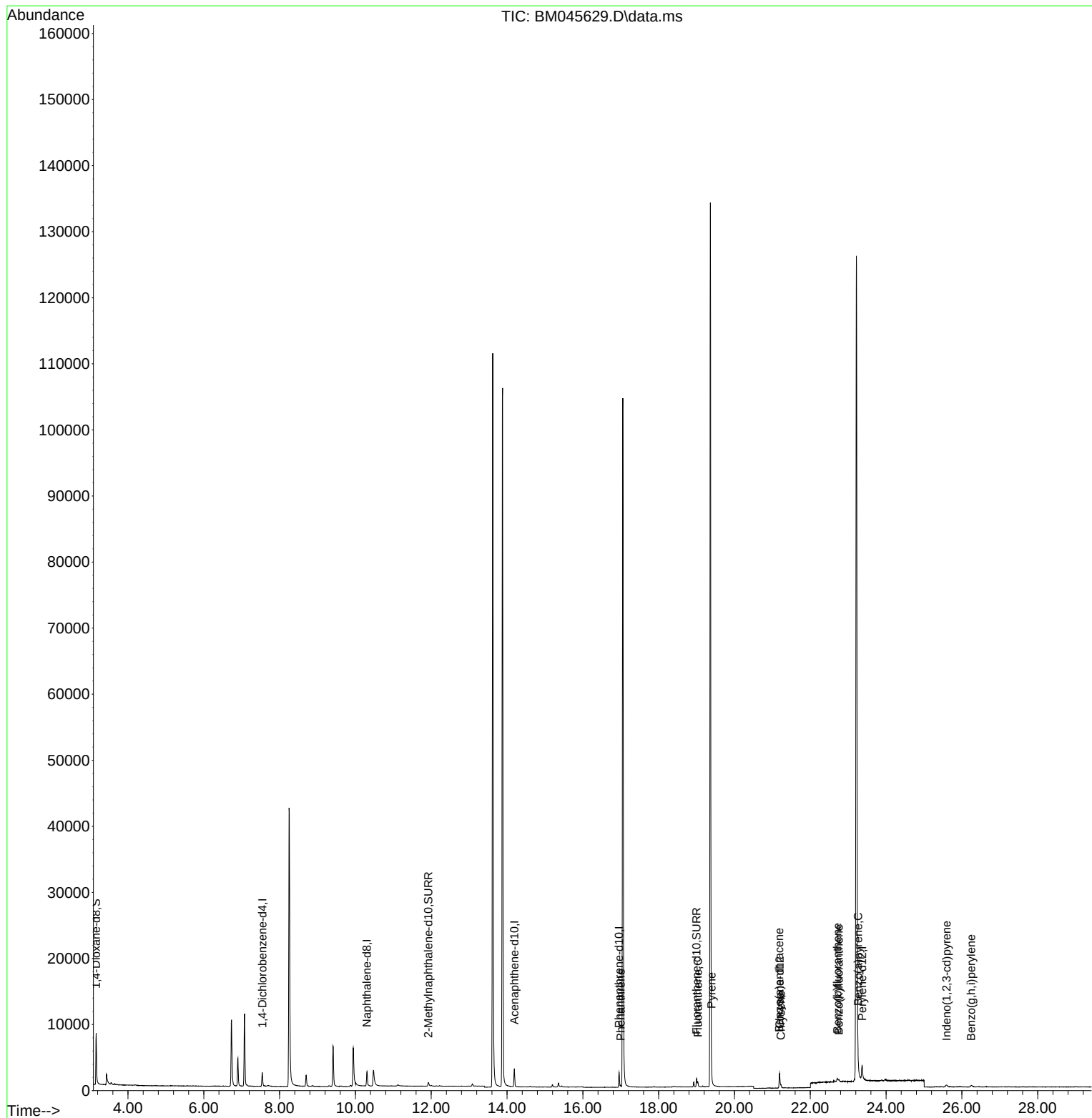
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045629.D
Acq On : 29 Apr 2024 21:29
Operator : MA/JU
Sample : P2105-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

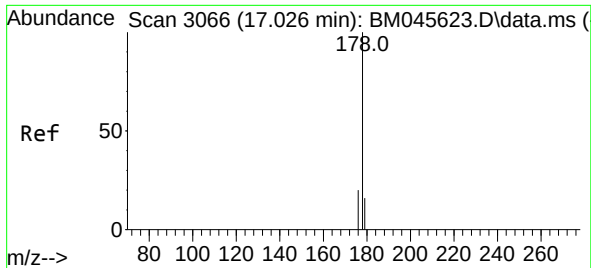
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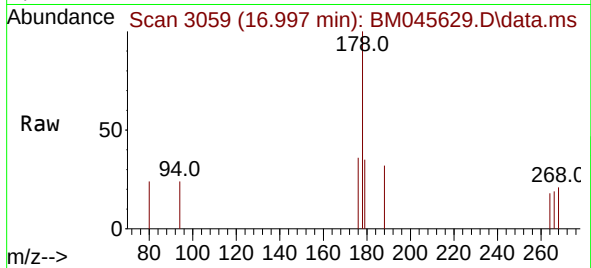
Quant Time: Apr 30 01:18:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 30 01:16:44 2024
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#15
Phenanthrene
Concen: 0.038 ng/ul m
RT: 16.997 min Scan# 3066
Delta R.T. -0.030 min
Lab File: BM045629.D
Acq: 29 Apr 2024 21:29

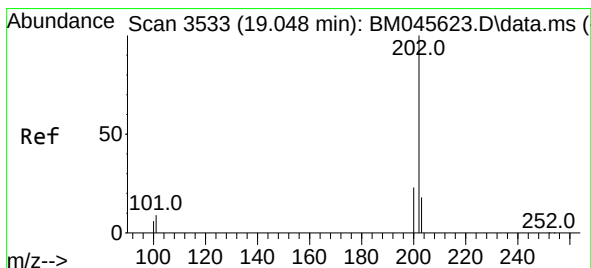
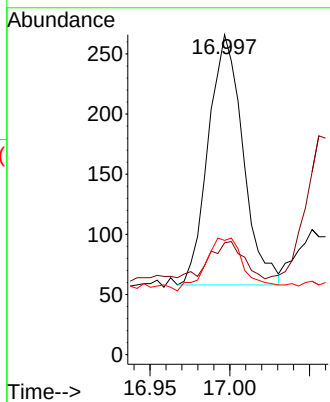
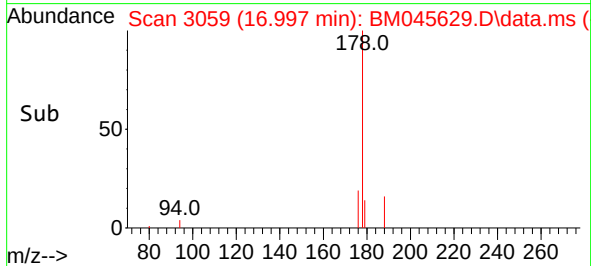
Instrument :
BNA_M
ClientSampleId :
C0AB3



Tgt Ion:178 Resp: 314
Ion Ratio Lower Upper
178 100
179 35.0 15.4 23.2
176 35.7 19.0 28.4

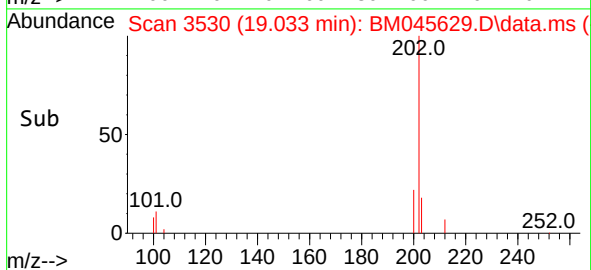
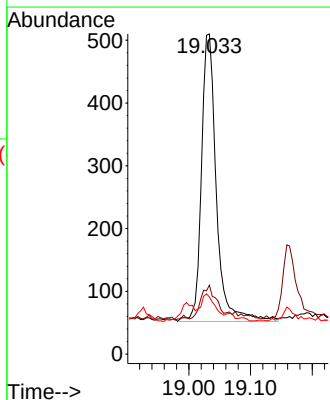
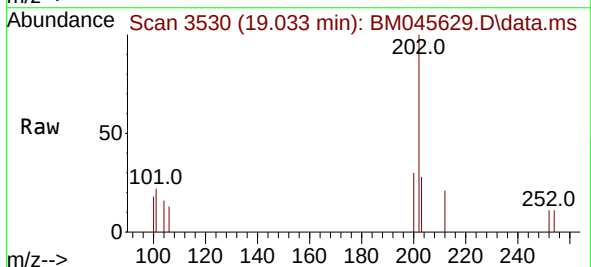
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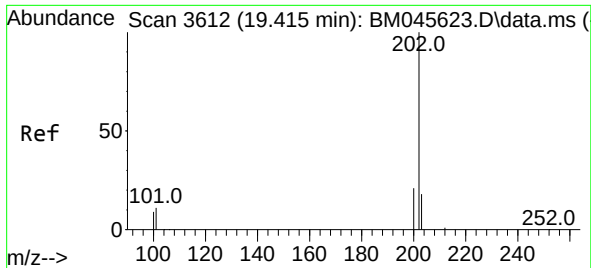
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Supervised By :mohammad ahmed 05/02/2024



#19
Fluoranthene
Concen: 0.072 ng/ul
RT: 19.033 min Scan# 3530
Delta R.T. -0.014 min
Lab File: BM045629.D
Acq: 29 Apr 2024 21:29

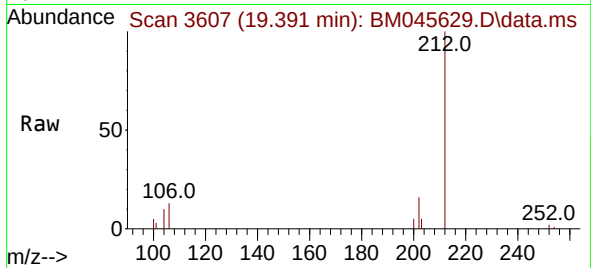
Tgt Ion:202 Resp: 770
Ion Ratio Lower Upper
202 100
101 21.6 11.2 16.8#
100 17.8 9.1 13.7#





#20
Pyrene
Concen: 0.069 ng/ul
RT: 19.391 min Scan# 3607
Delta R.T. -0.024 min
Lab File: BM045629.D
Acq: 29 Apr 2024 21:29

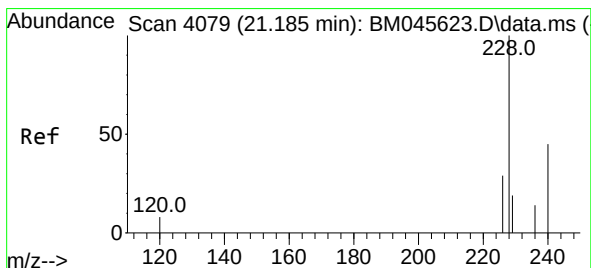
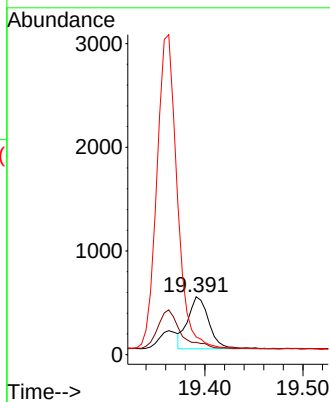
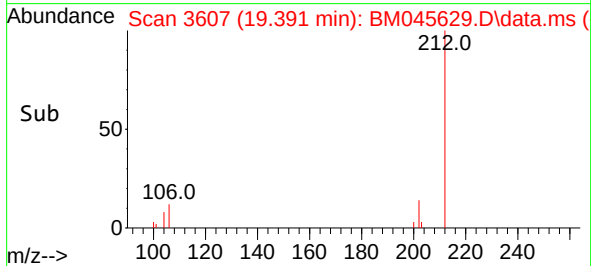
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BNA_M
ClientSampleId :
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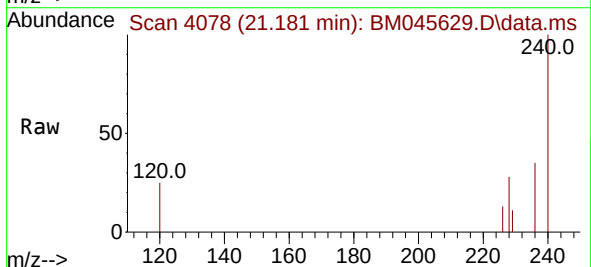
Tgt Ion:202 Resp: 752
Ion Ratio Lower Upper
202 100
101 21.1 11.5 17.3#
100 30.6 10.6 15.8#

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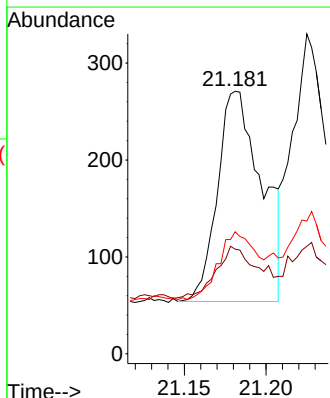
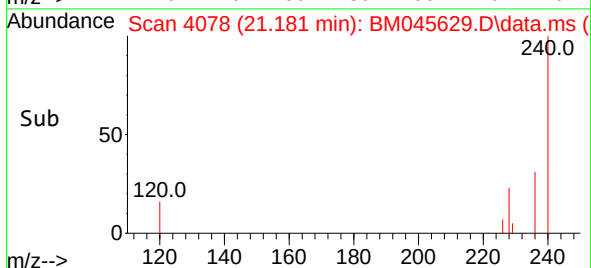
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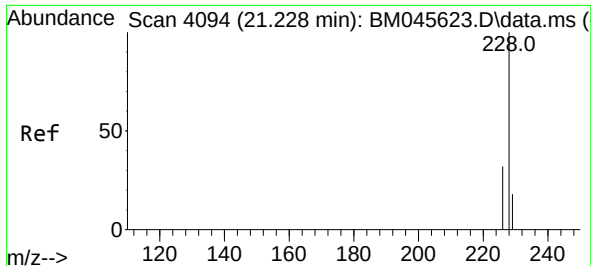


#21
Benzo(a)anthracene
Concen: 0.055 ng/ul
RT: 21.181 min Scan# 4078
Delta R.T. -0.003 min
Lab File: BM045629.D
Acq: 29 Apr 2024 21:29



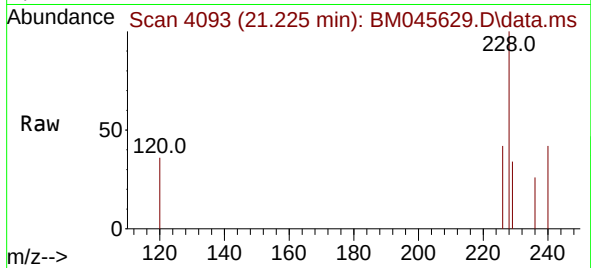
Tgt Ion:228 Resp: 408
Ion Ratio Lower Upper
228 100
229 39.9 19.4 29.2#
226 46.5 26.3 39.5#





#22
Chrysene
Concen: 0.039 ng/ul
RT: 21.225 min Scan# 4093
Delta R.T. -0.003 min
Lab File: BM045629.D
Acq: 29 Apr 2024 21:29

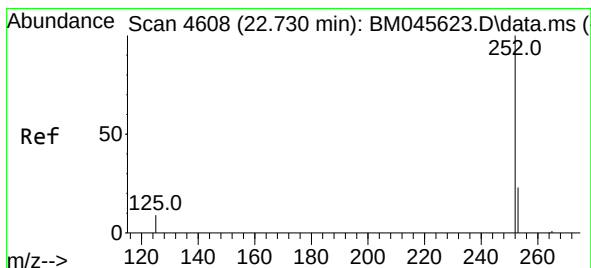
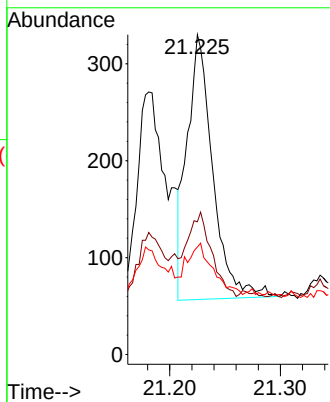
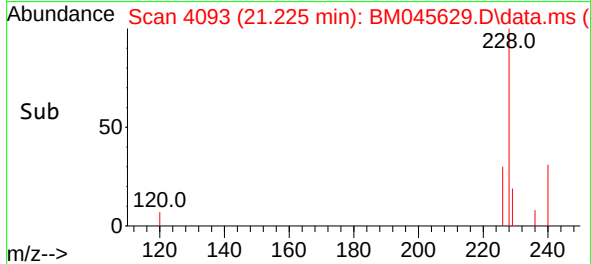
Instrument :
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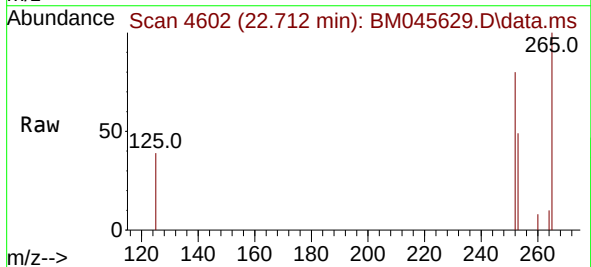
Tgt Ion:228 Resp: 440
Ion Ratio Lower Upper
228 100
226 41.5 26.3 39.5
229 33.6 17.8 26.8

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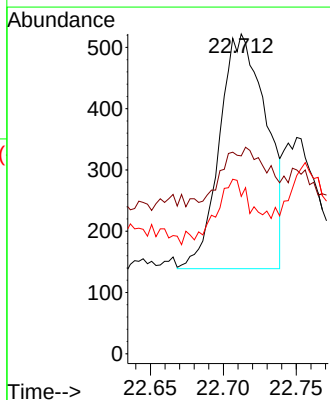
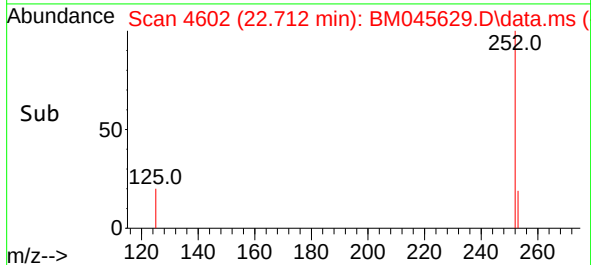
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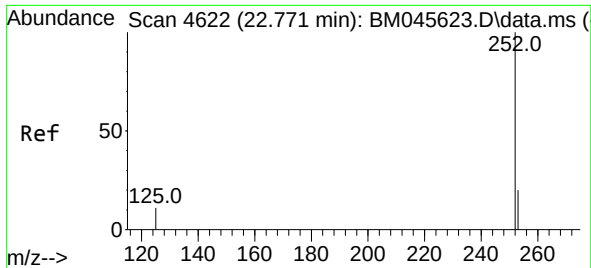


#24
Benzo(b)fluoranthene
Concen: 0.090 ng/ul m
RT: 22.712 min Scan# 4602
Delta R.T. -0.018 min
Lab File: BM045629.D
Acq: 29 Apr 2024 21:29



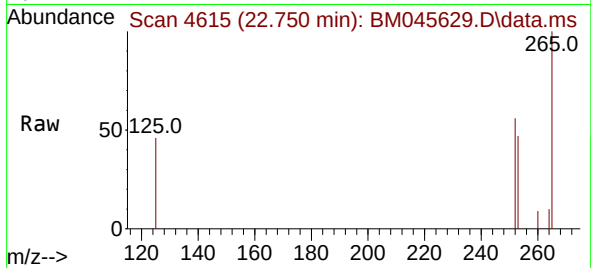
Tgt Ion:252 Resp: 852
Ion Ratio Lower Upper
252 100
253 61.9 0.0 63.4
125 49.2 0.0 36.8





#25
Benzo(k)fluoranthene
Concen: 0.031 ng/ul m
RT: 22.750 min Scan# 4615
Delta R.T. -0.021 min
Lab File: BM045629.D
Acq: 29 Apr 2024 21:29

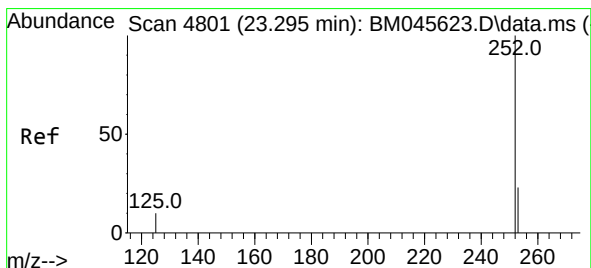
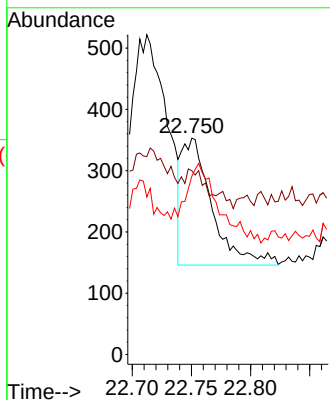
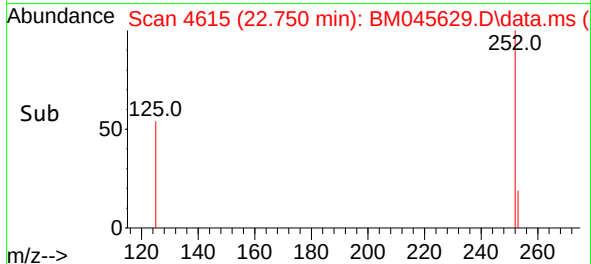
Instrument :
BNA_M
ClientSampleId :
C0AB3



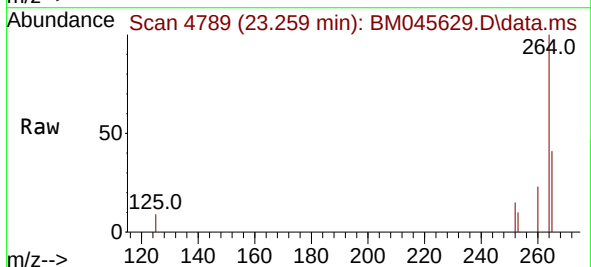
Tgt Ion:252 Resp: 370
Ion Ratio Lower Upper
252 100
253 85.0 25.4 38.0#
125 82.4 14.8 22.2#

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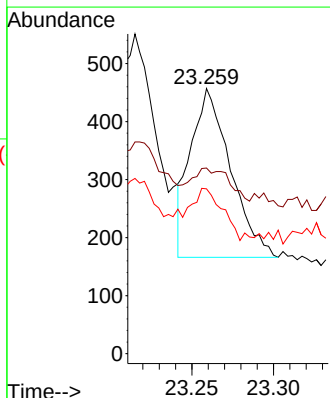
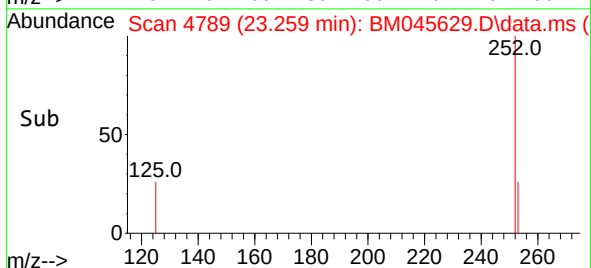
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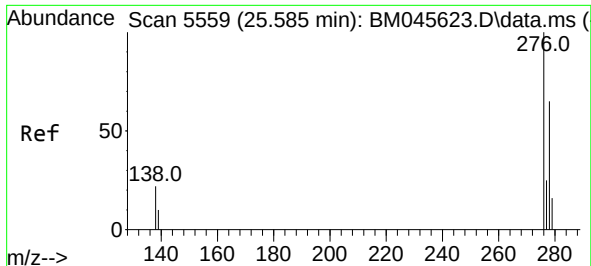


#26
Benzo(a)pyrene
Concen: 0.051 ng/ul
RT: 23.259 min Scan# 4789
Delta R.T. -0.036 min
Lab File: BM045629.D
Acq: 29 Apr 2024 21:29



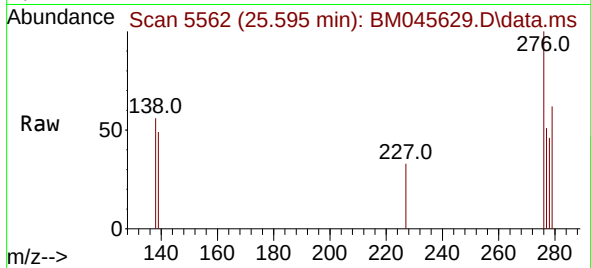
Tgt Ion:252 Resp: 496
Ion Ratio Lower Upper
252 100
253 70.0 31.6 47.4#
125 62.1 19.5 29.3#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.040 ng/ul
RT: 25.595 min Scan# 5562
Delta R.T. 0.010 min
Lab File: BM045629.D
Acq: 29 Apr 2024 21:29

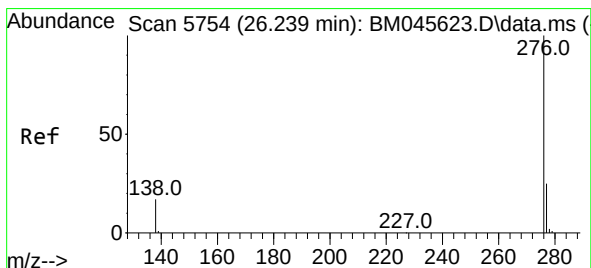
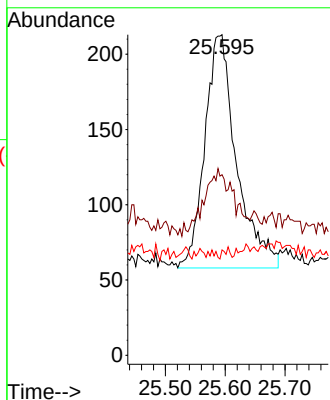
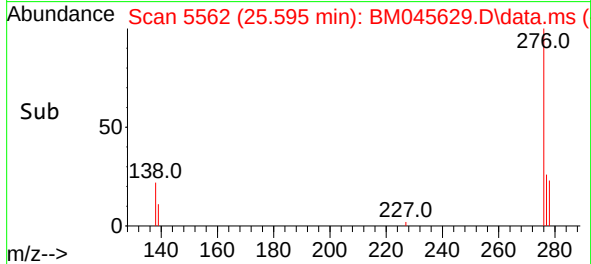
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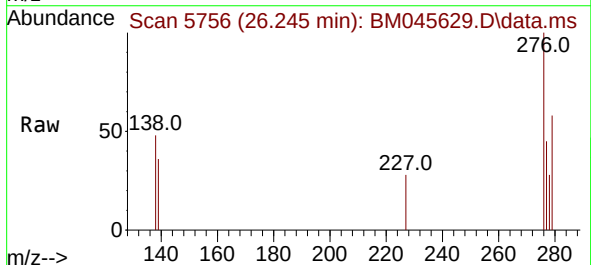
Tgt Ion:276 Resp: 572
Ion Ratio Lower Upper
276 100
138 25.5 19.8 29.6
227 0.5 0.2 0.2

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.047 ng/ul
RT: 26.245 min Scan# 5756
Delta R.T. 0.006 min
Lab File: BM045629.D
Acq: 29 Apr 2024 21:29



Tgt Ion:276 Resp: 603
Ion Ratio Lower Upper
276 100
138 47.6 20.8 31.2#
277 45.1 21.8 32.8#

