

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045518.D
 Acq On : 23 Apr 2024 17:48
 Operator : MA/JU
 Sample : P2104-19
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/26/2024

Quant Time: Apr 24 05:19:30 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 : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	1139	0.400	ng/ul	0.00
4) Naphthalene-d8	10.314	136	3599	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.206	164	1914	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	3676m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.198	240	2168	0.400	ng/ul	0.00
23) Perylene-d12	23.381	264	2577m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	4672	3.060	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.931	152	1098	0.231	ng/ul	0.00
18) Fluoranthene-d10	19.011	212	1837	0.269	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.006	178	308m	0.029	ng/ul	
19) Fluoranthene	19.039	202	664	0.066	ng/ul#	82
20) Pyrene	19.402	202	612	0.060	ng/ul#	68
21) Benzo(a)anthracene	21.186	228	387	0.056	ng/ul#	65
22) Chrysene	21.233	228	335	0.031	ng/ul#	66
24) Benzo(b)fluoranthene	22.729	252	593m	0.068	ng/ul	
25) Benzo(k)fluoranthene	22.764	252	236m	0.022	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.598	276	366	0.028	ng/ul#	62
29) Benzo(g,h,i)perylene	26.262	276	396	0.034	ng/ul#	22

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

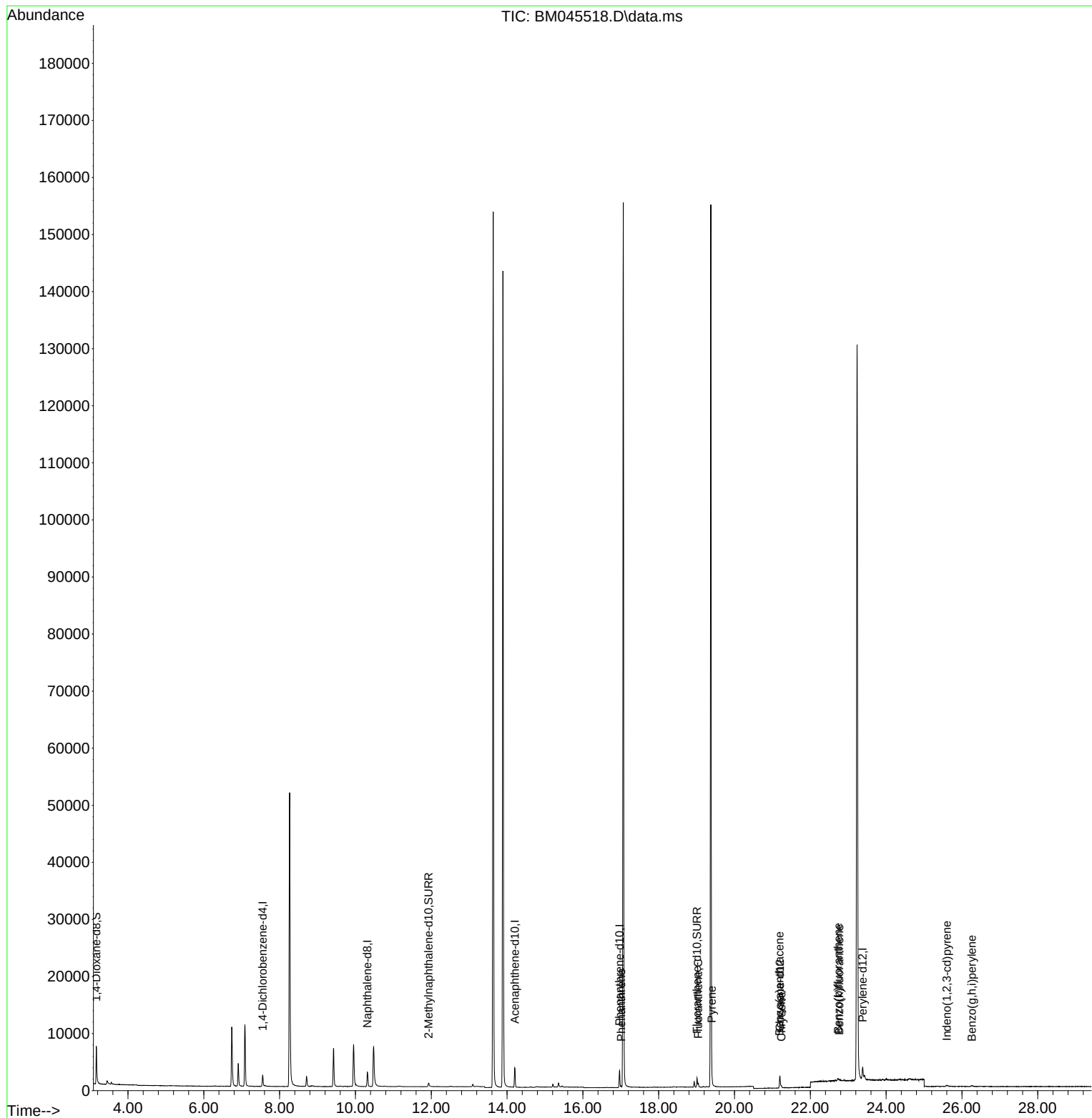
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045518.D
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ALS Vial : 49 Sample Multiplier: 1

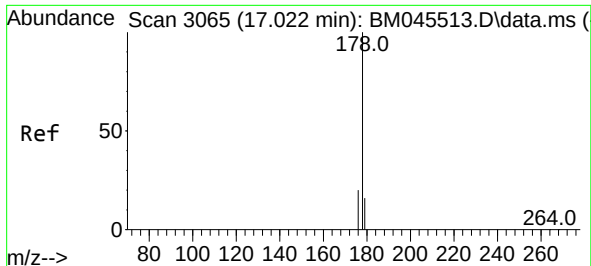
Instrument :
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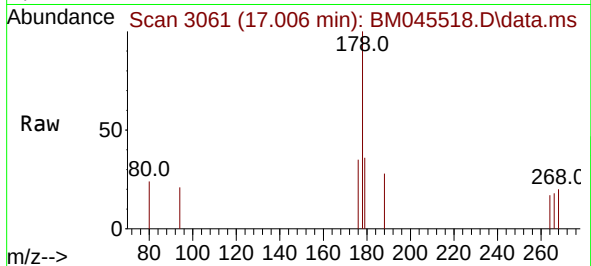
Quant Time: Apr 24 05:19:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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#15
Phenanthrene
Concen: 0.029 ng/ul m
RT: 17.006 min Scan# 3061
Delta R.T. -0.016 min
Lab File: BM045518.D
Acq: 23 Apr 2024 17:48

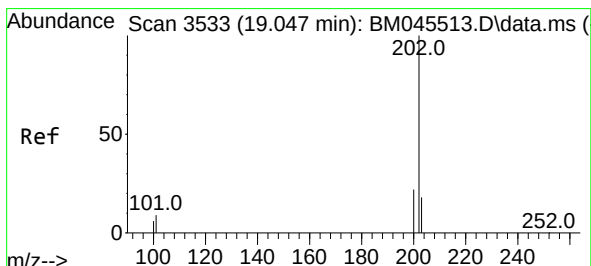
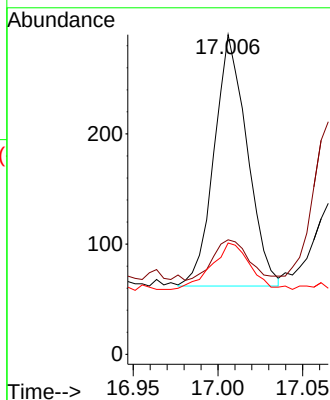
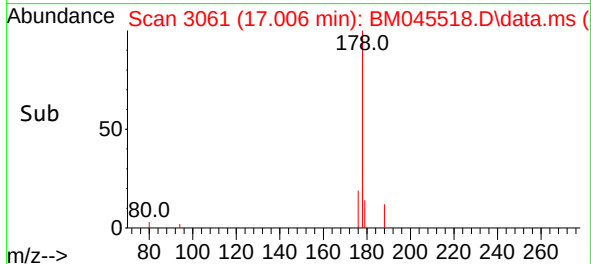
Instrument :
BNA_M
ClientSampleId :
C0AD1



Tgt Ion:178 Resp: 308
Ion Ratio Lower Upper
178 100
179 35.9 15.4 23.2
176 34.8 19.0 28.4

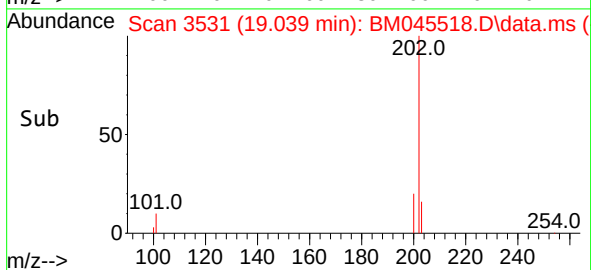
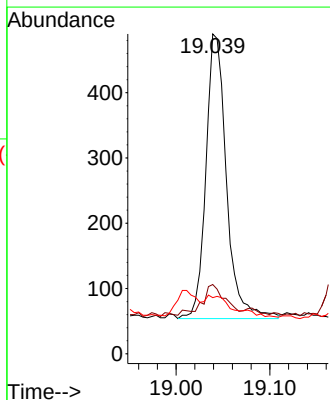
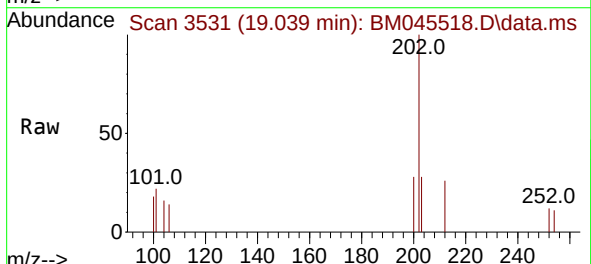
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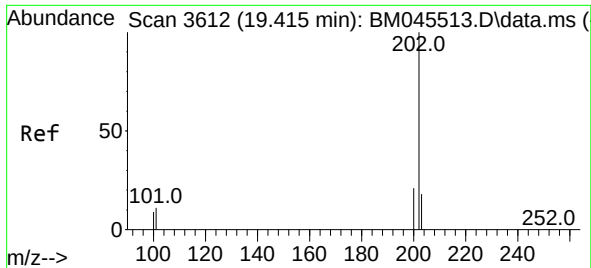
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/26/2024



#19
Fluoranthene
Concen: 0.066 ng/ul
RT: 19.039 min Scan# 3531
Delta R.T. -0.008 min
Lab File: BM045518.D
Acq: 23 Apr 2024 17:48

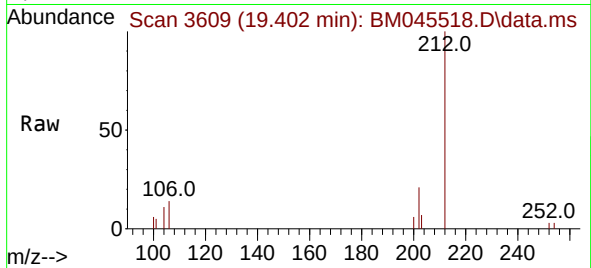
Tgt Ion:202 Resp: 664
Ion Ratio Lower Upper
202 100
101 21.6 11.2 16.8#
100 17.6 9.1 13.7#





#20
Pyrene
Concen: 0.060 ng/ul
RT: 19.402 min Scan# 3609
Delta R.T. -0.013 min
Lab File: BM045518.D
Acq: 23 Apr 2024 17:48

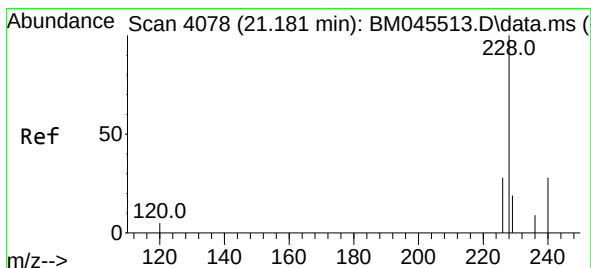
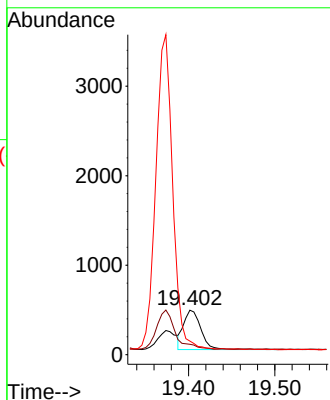
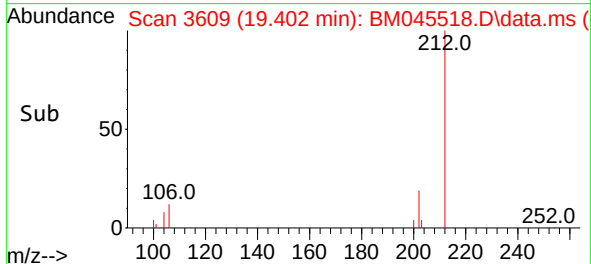
Instrument :
BNA_M
ClientSampleId :
C0AD1



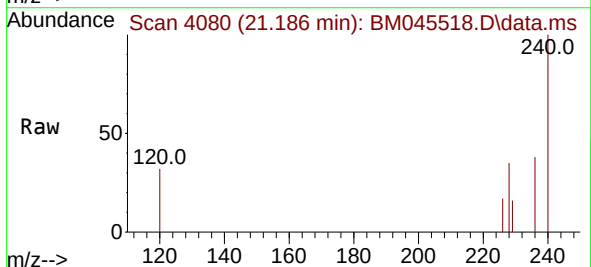
Tgt Ion:202 Resp: 612
Ion Ratio Lower Upper
202 100
101 23.5 11.5 17.3#
100 30.6 10.6 15.8#

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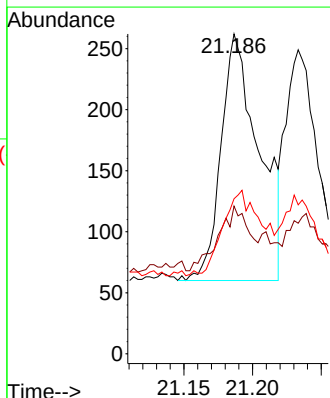
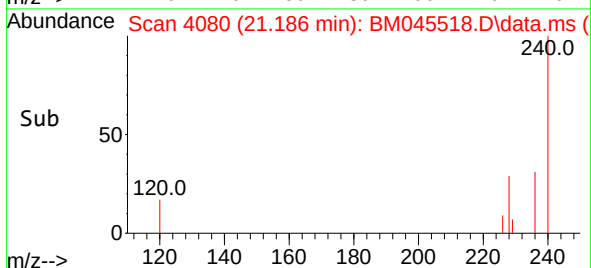
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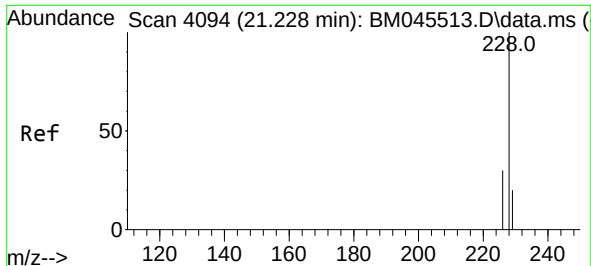


#21
Benzo(a)anthracene
Concen: 0.056 ng/ul
RT: 21.186 min Scan# 4080
Delta R.T. 0.005 min
Lab File: BM045518.D
Acq: 23 Apr 2024 17:48



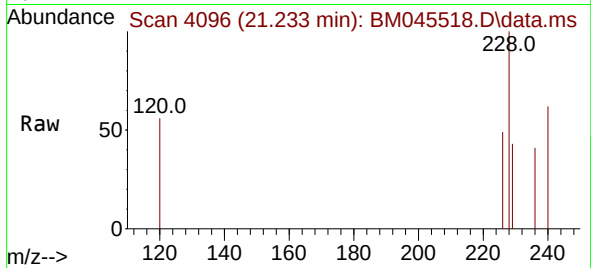
Tgt Ion:228 Resp: 387
Ion Ratio Lower Upper
228 100
229 46.2 19.4 29.2#
226 48.5 26.3 39.5#





#22
Chrysene
Concen: 0.031 ng/ul
RT: 21.233 min Scan# 4096
Delta R.T. 0.005 min
Lab File: BM045518.D
Acq: 23 Apr 2024 17:48

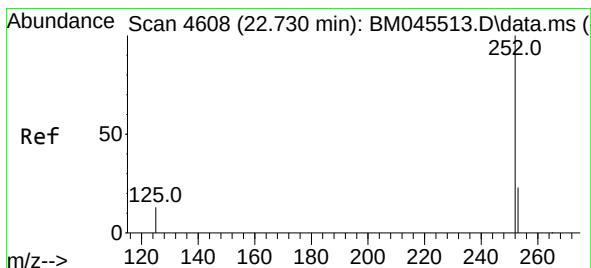
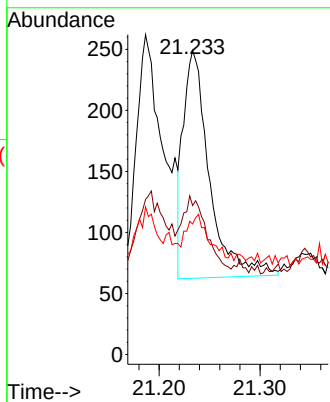
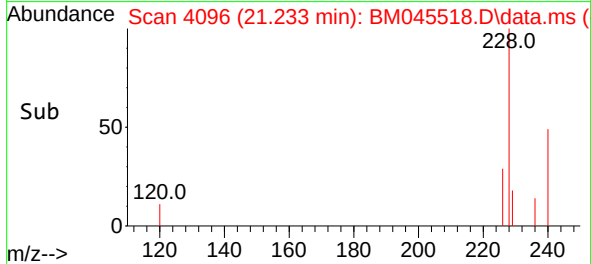
Instrument :
BNA_M
ClientSampleId :
C0AD1



Tgt Ion:228 Resp: 335
Ion Ratio Lower Upper
228 100
226 49.0 26.3 39.5#
229 43.0 17.8 26.8#

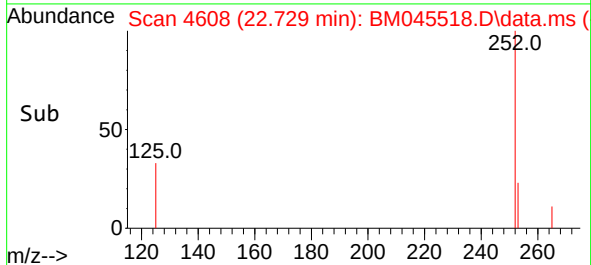
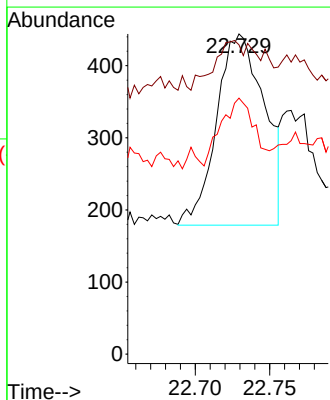
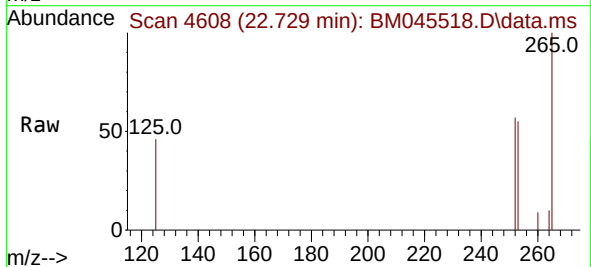
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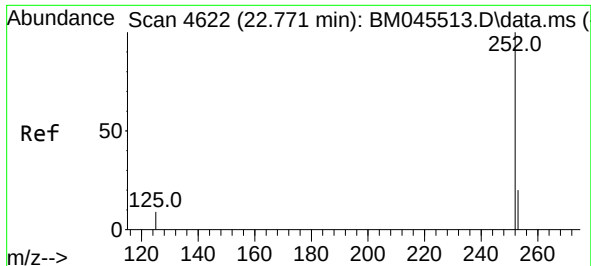
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#24
Benzo(b)fluoranthene
Concen: 0.068 ng/ul m
RT: 22.729 min Scan# 4608
Delta R.T. -0.001 min
Lab File: BM045518.D
Acq: 23 Apr 2024 17:48

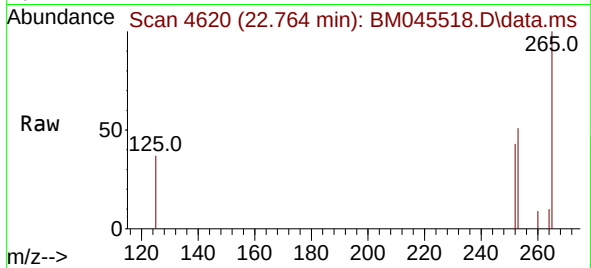
Tgt Ion:252 Resp: 593
Ion Ratio Lower Upper
252 100
253 96.6 0.0 63.4#
125 80.0 0.0 36.8#





#25
Benzo(k)fluoranthene
Concen: 0.022 ng/ul m
RT: 22.764 min Scan# 4
Delta R.T. -0.007 min
Lab File: BM045518.D
Acq: 23 Apr 2024 17:48

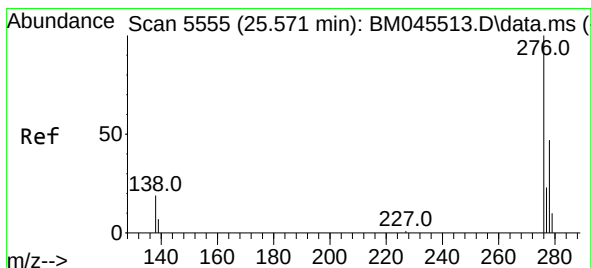
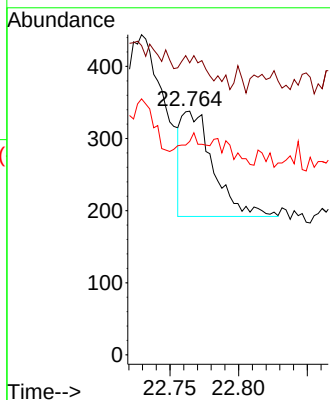
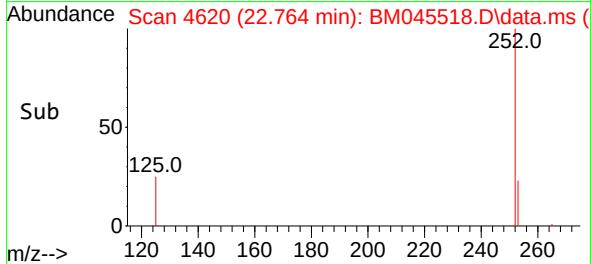
Instrument :
BNA_M
ClientSampleId :
C0AD1



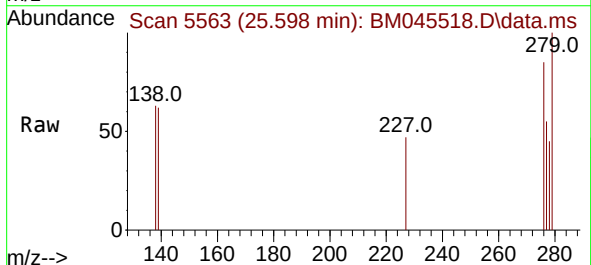
Tgt Ion:252 Resp: 230
Ion Ratio Lower Upper
252 100
253 119.8 25.4 38.0#
125 87.6 14.8 22.2#

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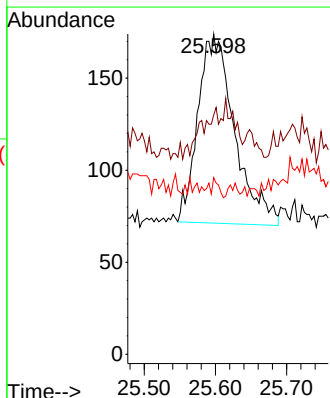
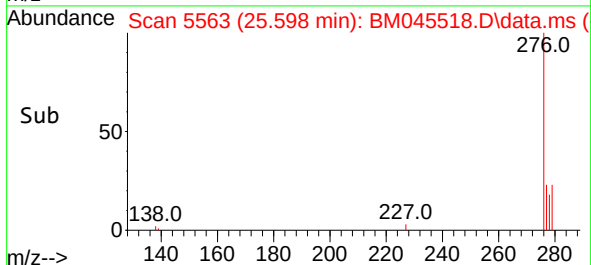
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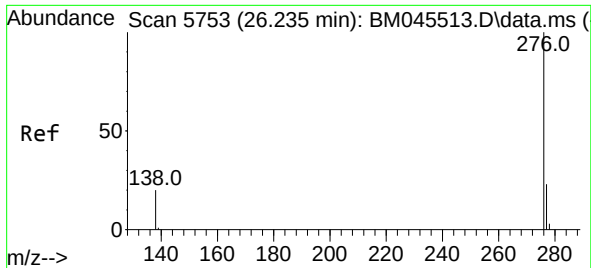


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.028 ng/ul
RT: 25.598 min Scan# 5563
Delta R.T. 0.026 min
Lab File: BM045518.D
Acq: 23 Apr 2024 17:48



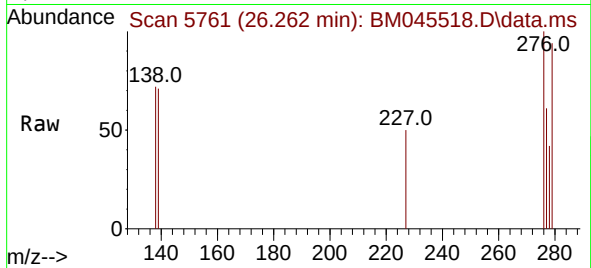
Tgt Ion:276 Resp: 366
Ion Ratio Lower Upper
276 100
138 5.5 19.8 29.6#
227 2.2 0.2 0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.034 ng/ul
RT: 26.262 min Scan# 51
Delta R.T. 0.026 min
Lab File: BM045518.D
Acq: 23 Apr 2024 17:48

Instrument :
BNA_M
ClientSampleId :
C0AD1



Tgt Ion:276 Resp: 390
Ion Ratio Lower Upper
276 100
138 72.3 20.8 31.2
277 61.0 21.8 32.8

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