

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045540.D
 Acq On : 24 Apr 2024 23:11
 Operator : MA/JU
 Sample : P2164-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0SA3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 00:07:46 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	7.547	152	841	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	2447	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.197	164	1403	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.964	188	2918m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.192	240	2467	0.400	ng/ul	0.00
23) Perylene-d12	23.378	264	2695m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	5279	4.683	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.931	152	1105	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.007	212	2269	0.292	ng/ul	-0.01
Target Compounds						
15) Phenanthrene	17.002	178	648m	0.076	ng/ul	Qvalue
19) Fluoranthene	19.039	202	2117	0.186	ng/ul	98
20) Pyrene	19.397	202	2018m	0.172	ng/ul	
21) Benzo(a)anthracene	21.183	228	1111	0.141	ng/ul#	91
22) Chrysene	21.230	228	1157	0.095	ng/ul	92
24) Benzo(b)fluoranthene	22.718	252	2146m	0.237	ng/ul	
25) Benzo(k)fluoranthene	22.756	252	882m	0.077	ng/ul	
26) Benzo(a)pyrene	23.273	252	1171	0.125	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	25.587	276	1220	0.089	ng/ul#	90
29) Benzo(g,h,i)perylene	26.258	276	1251	0.102	ng/ul#	77

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

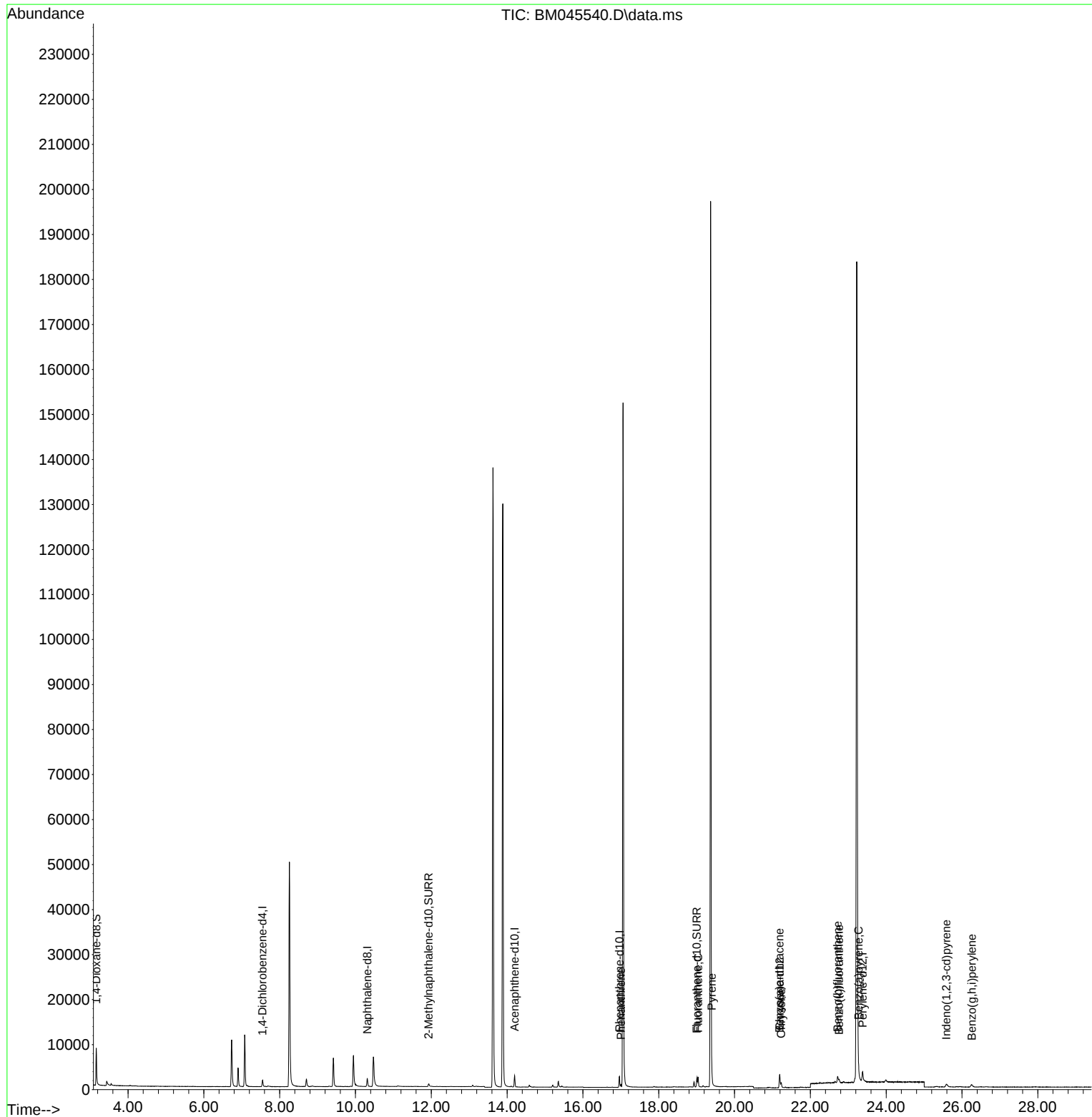
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Data File : BM045540.D
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ALS Vial : 18 Sample Multiplier: 1

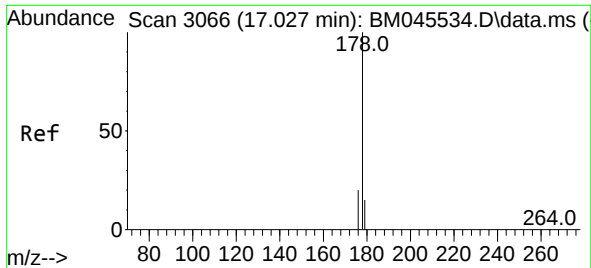
Instrument :
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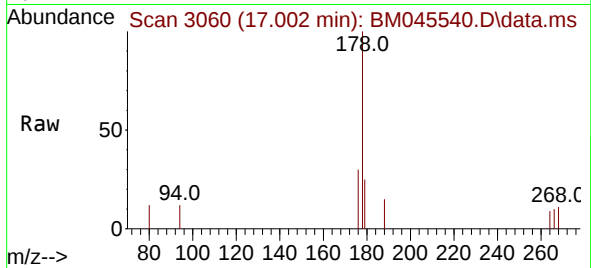
Quant Time: Apr 25 00:07:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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#15
Phenanthrene
Concen: 0.076 ng/ul m
RT: 17.002 min Scan# 3060
Delta R.T. -0.020 min
Lab File: BM045540.D
Acq: 24 Apr 2024 23:11

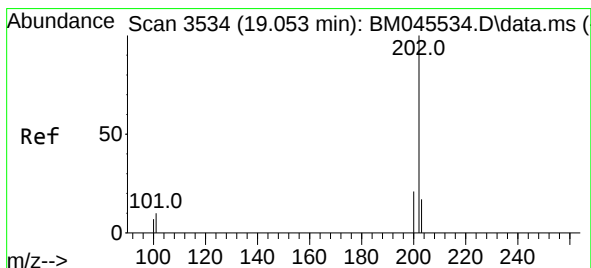
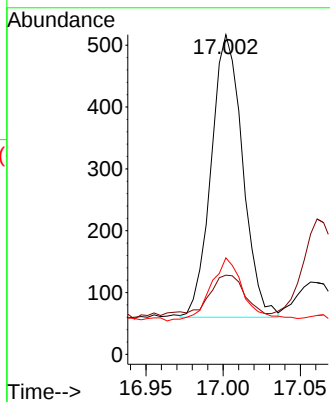
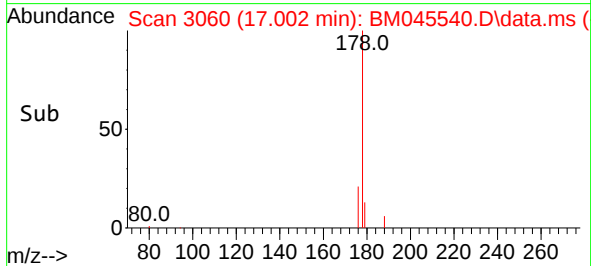
Instrument :
BNA_M
ClientSampleId :
C0SA3



Tgt Ion:178 Resp: 648
Ion Ratio Lower Upper
178 100
179 24.8 15.4 23.2
176 30.2 19.0 28.4

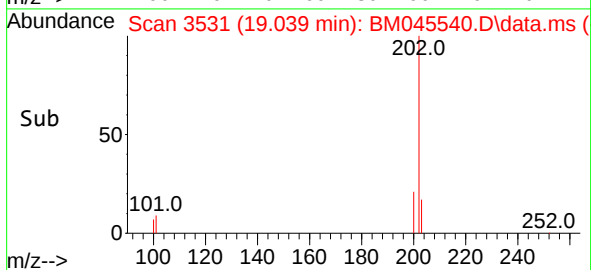
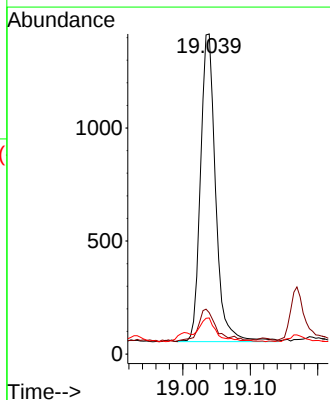
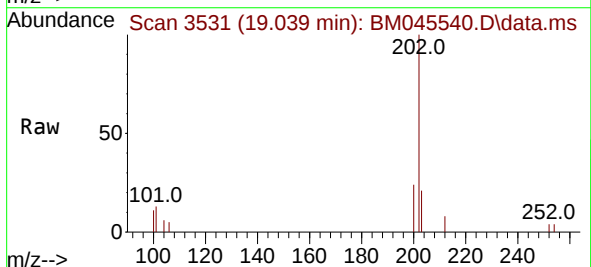
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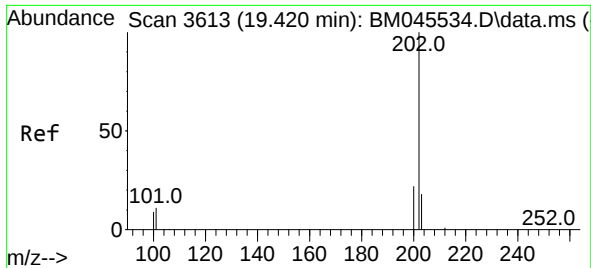
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#19
Fluoranthene
Concen: 0.186 ng/ul
RT: 19.039 min Scan# 3531
Delta R.T. -0.008 min
Lab File: BM045540.D
Acq: 24 Apr 2024 23:11

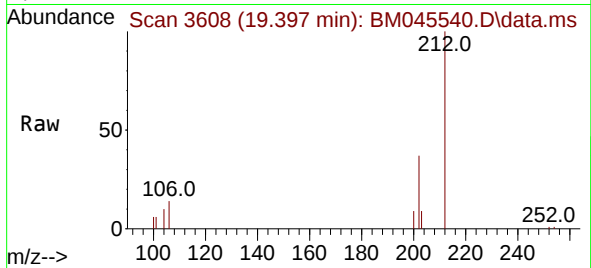
Tgt Ion:202 Resp: 2117
Ion Ratio Lower Upper
202 100
101 12.9 11.2 16.8
100 11.3 9.1 13.7





#20
Pyrene
Concen: 0.172 ng/ul m
RT: 19.397 min Scan# 3608
Delta R.T. -0.018 min
Lab File: BM045540.D
Acq: 24 Apr 2024 23:11

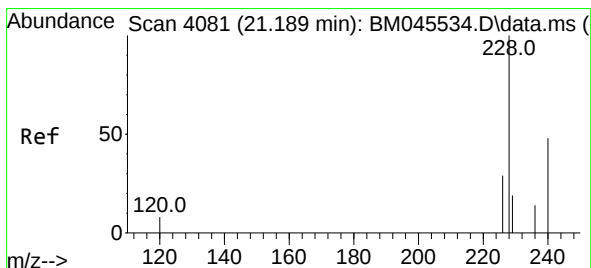
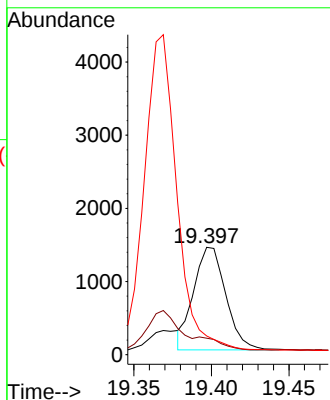
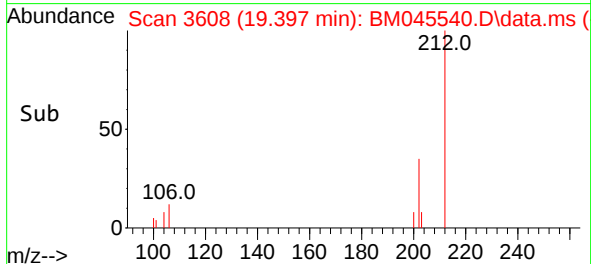
Instrument :
BNA_M
ClientSampleId :
COSA3



Tgt Ion:202 Resp: 2018
Ion Ratio Lower Upper
202 100
101 15.3 11.5 17.3
100 17.5 10.6 15.8

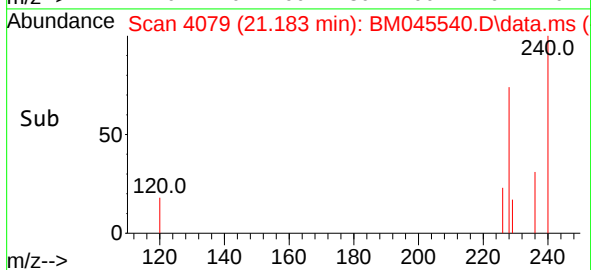
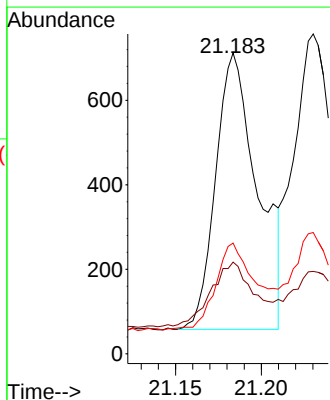
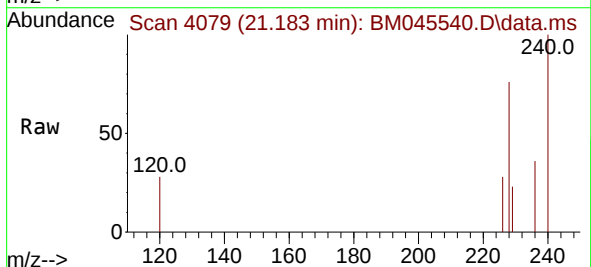
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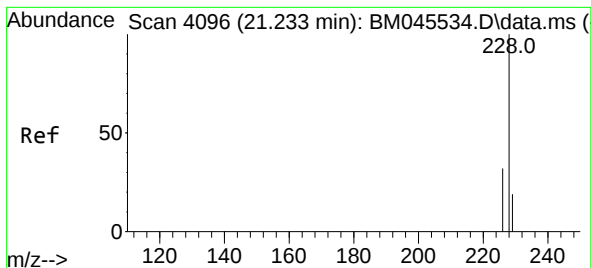
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#21
Benzo(a)anthracene
Concen: 0.141 ng/ul
RT: 21.183 min Scan# 4079
Delta R.T. 0.002 min
Lab File: BM045540.D
Acq: 24 Apr 2024 23:11

Tgt Ion:228 Resp: 1111
Ion Ratio Lower Upper
228 100
229 30.5 19.4 29.2#
226 36.8 26.3 39.5





#22

Chrysene

Concen: 0.095 ng/ul

RT: 21.230 min Scan# 4096

Delta R.T. 0.002 min

Lab File: BM045540.D

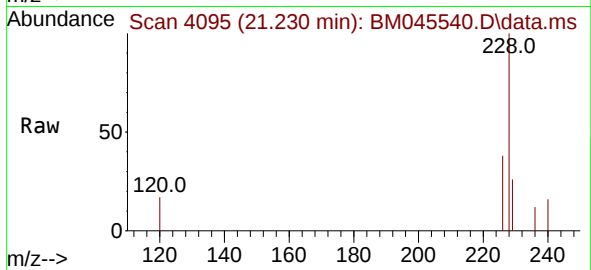
Acq: 24 Apr 2024 23:11

Instrument :

BNA_M

ClientSampleId :

C0SA3



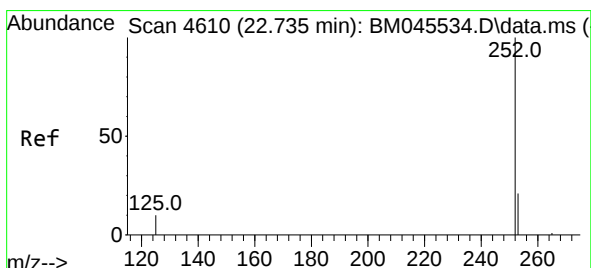
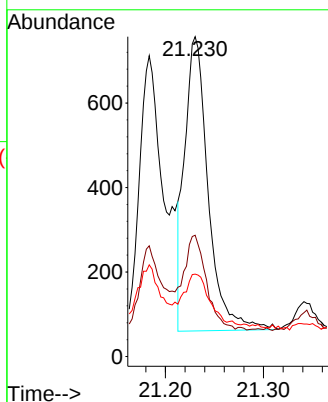
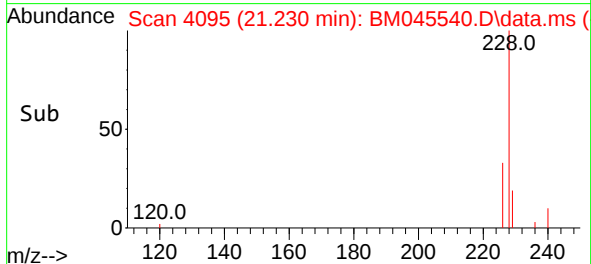
Tgt Ion:	228	Resp:	115
Ion Ratio	Lower	Upper	
228	100		
226	37.9	26.3	39.5
229	25.8	17.8	26.8

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#24

Benzo(b)fluoranthene

Concen: 0.237 ng/ul m

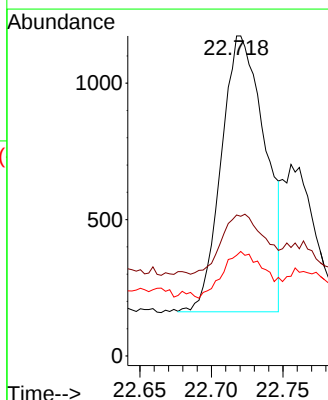
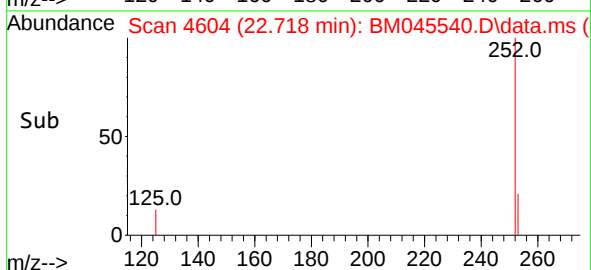
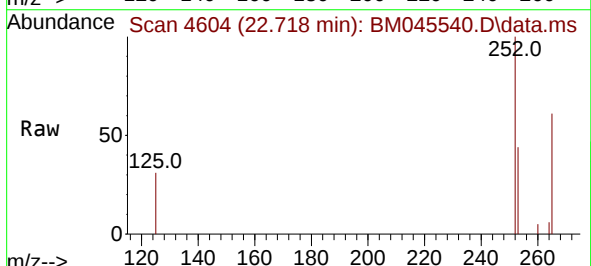
RT: 22.718 min Scan# 4604

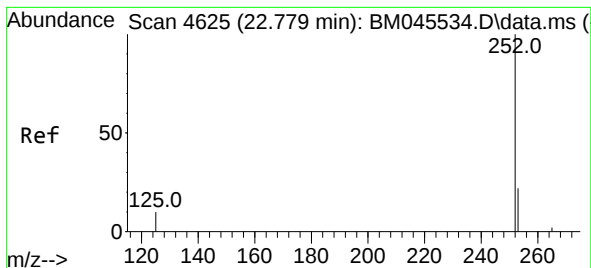
Delta R.T. -0.012 min

Lab File: BM045540.D

Acq: 24 Apr 2024 23:11

Tgt Ion:	252	Resp:	2146
Ion Ratio	Lower	Upper	
252	100		
253	44.1	0.0	63.4
125	31.5	0.0	36.8





#25

Benzo(k)fluoranthene

Concen: 0.077 ng/ul m

RT: 22.756 min Scan# 4

Delta R.T. -0.015 min

Lab File: BM045540.D

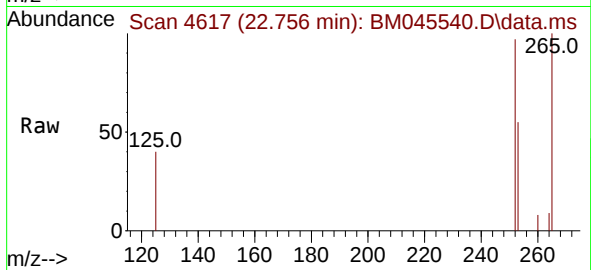
Acq: 24 Apr 2024 23:11

Instrument :

BNA_M

ClientSampleId :

C0SA3



Tgt Ion:252 Resp: 88

Ion Ratio Lower Upper

252 100

253 56.7 25.4 38.0

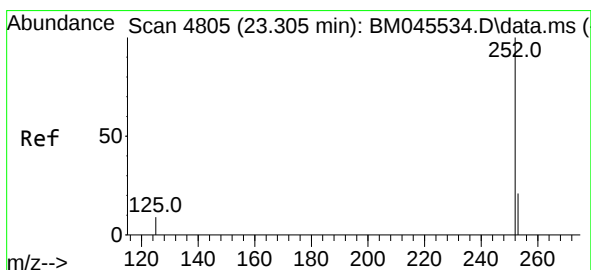
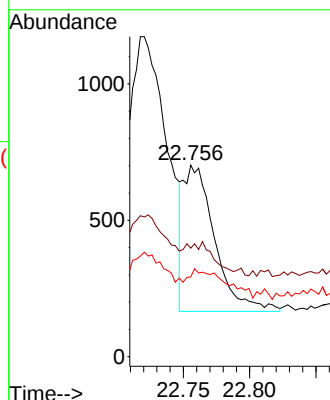
125 41.6 14.8 22.2

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#26

Benzo(a)pyrene

Concen: 0.125 ng/ul

RT: 23.273 min Scan# 4794

Delta R.T. -0.018 min

Lab File: BM045540.D

Acq: 24 Apr 2024 23:11

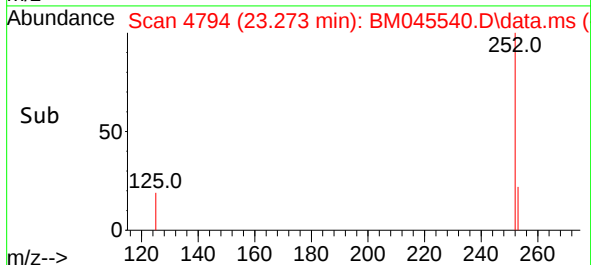
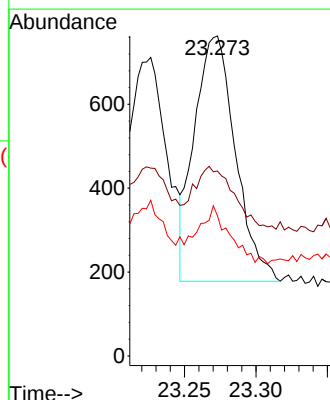
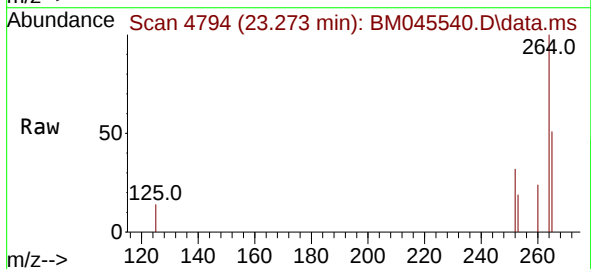
Tgt Ion:252 Resp: 1171

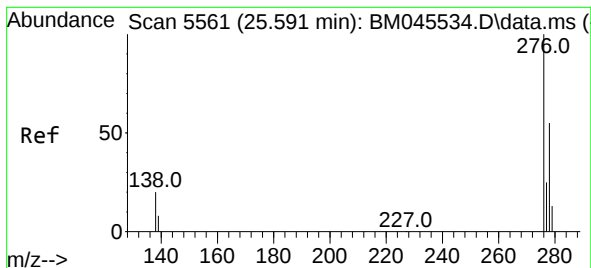
Ion Ratio Lower Upper

252 100

253 57.8 31.6 47.4#

125 43.8 19.5 29.3#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.089 ng/ul

RT: 25.587 min Scan# 5560

Delta R.T. 0.016 min

Lab File: BM045540.D

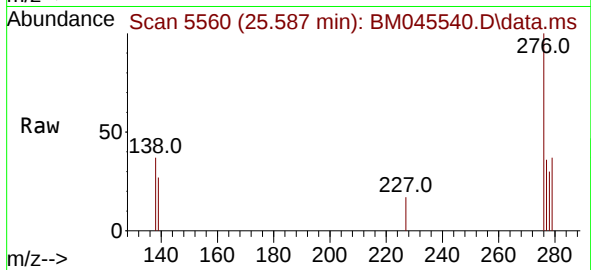
Acq: 24 Apr 2024 23:11

Instrument :

BNA_M

ClientSampleId :

C0SA3



Tgt Ion:276 Resp: 1220

Ion Ratio Lower Upper

276 100

138 29.7 19.8 29.6

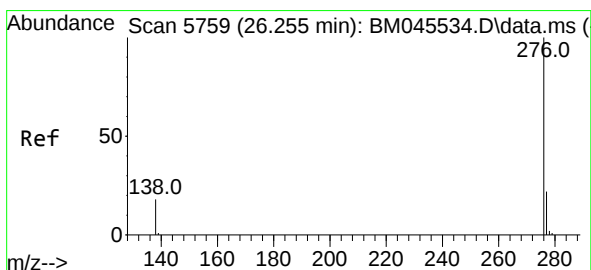
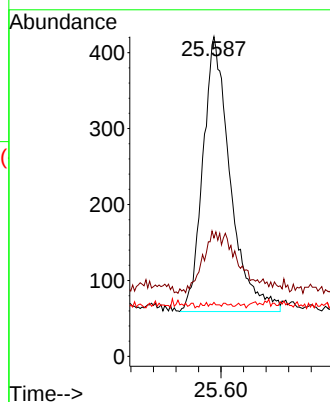
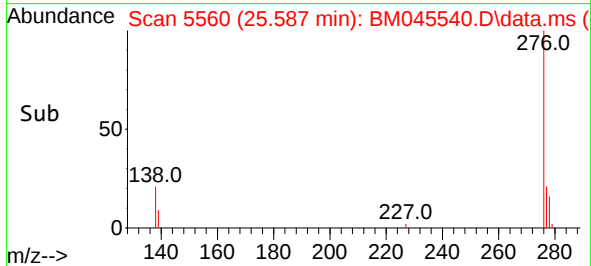
227 0.3 0.2 0.2

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#29

Benzo(g,h,i)perylene

Concen: 0.102 ng/ul

RT: 26.258 min Scan# 5760

Delta R.T. 0.023 min

Lab File: BM045540.D

Acq: 24 Apr 2024 23:11

Tgt Ion:276 Resp: 1251

Ion Ratio Lower Upper

276 100

138 39.0 20.8 31.2#

277 38.5 21.8 32.8#

