

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043156.D
 Acq On : 02 Dec 2023 12:47
 Operator : MA/JU
 Sample : 05439-17
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 02 23:17:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 02 23:09:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	1151	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.594	136	3285	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.445	164	1990	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.199	188	4506m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.403	240	3073m	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	2271m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	2325	1.317	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.211	152	1162	0.264	ng/ul	-0.01
18) Fluoranthene-d10	19.233	212	3786	0.338	ng/ul	0.00
Target Compounds				Qvalue		
19) Fluoranthene	19.266	202	488	0.028	ng/ul#	63
21) Benzo(a)anthracene	21.389	228	533	0.053	ng/ul#	79
22) Chrysene	21.441	228	724	0.039	ng/ul#	87
24) Benzo(b)fluoranthene	23.022	252	588	0.077	ng/ul#	49
25) Benzo(k)fluoranthene	23.066	252	592	0.056	ng/ul#	40
26) Benzo(a)pyrene	23.625	252	506	0.060	ng/ul#	47
27) Indeno(1,2,3-cd)pyrene	26.242	276	572	0.051	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.255	278	450	0.051	ng/ul#	26
29) Benzo(g,h,i)perylene	27.000	276	537	0.049	ng/ul#	53

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

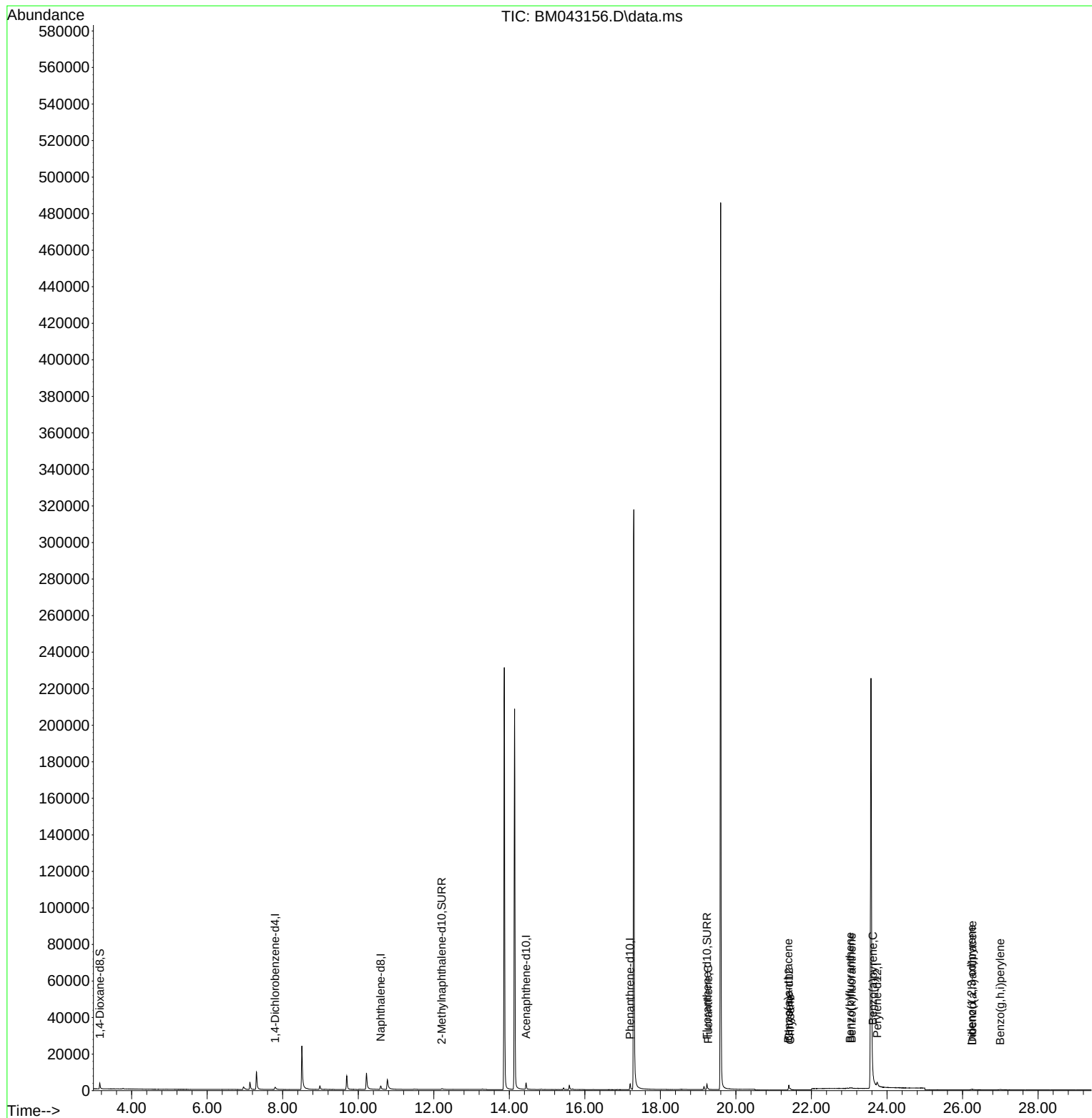
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043156.D
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ALS Vial : 75 Sample Multiplier: 1

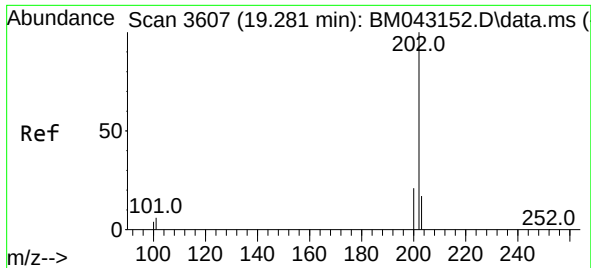
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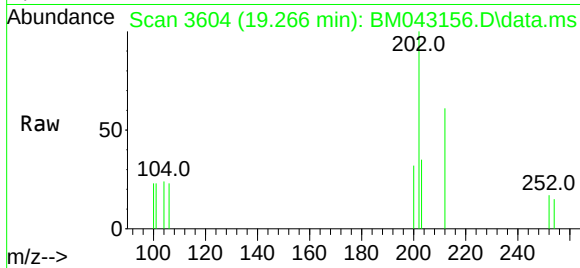
Quant Time: Dec 02 23:17:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 23:09:32 2023
Response via : Initial Calibration





#19
Fluoranthene
Concen: 0.028 ng/u1
RT: 19.266 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM043156.D
Acq: 02 Dec 2023 12:47

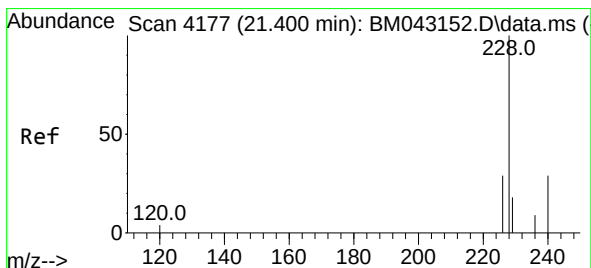
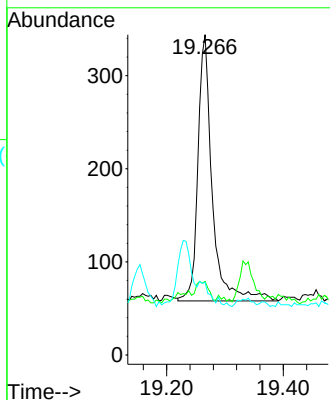
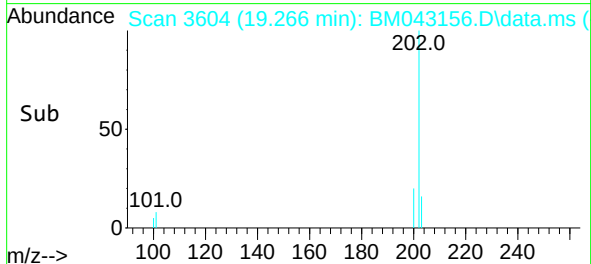
Instrument :
BNA_M
ClientSampleId :
C0AD9



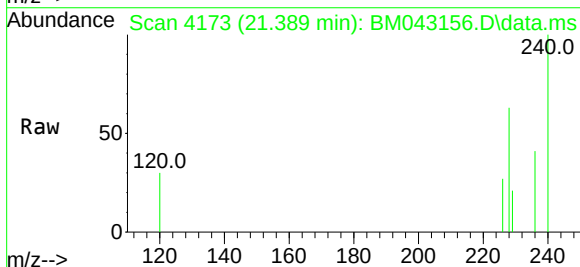
Tgt Ion:202 Resp: 488
Ion Ratio Lower Upper
202 100
101 23.0 7.8 11.8#
100 22.7 7.1 10.7#

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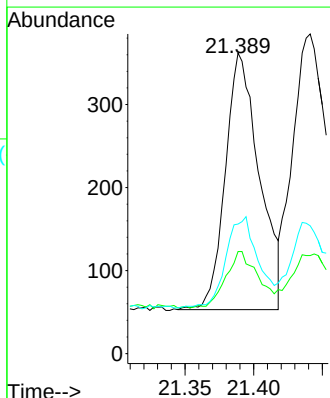
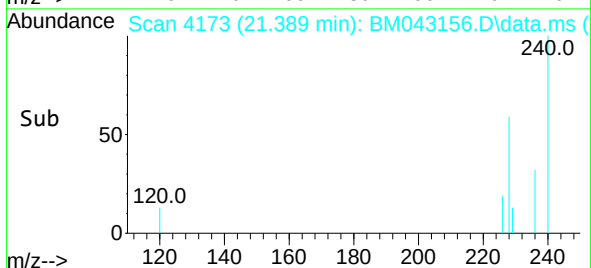
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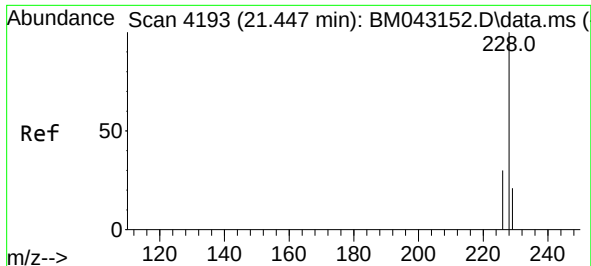


#21
Benzo(a)anthracene
Concen: 0.053 ng/u1
RT: 21.389 min Scan# 4173
Delta R.T. 0.000 min
Lab File: BM043156.D
Acq: 02 Dec 2023 12:47



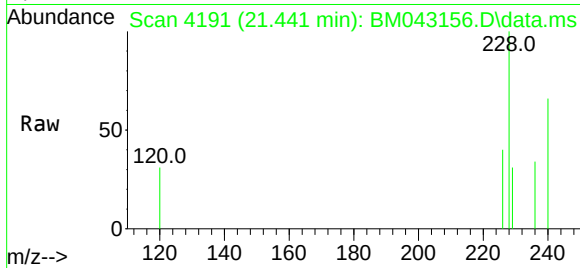
Tgt Ion:228 Resp: 533
Ion Ratio Lower Upper
228 100
229 34.0 19.4 29.0#
226 43.1 24.9 37.3#





#22
Chrysene
Concen: 0.039 ng/u1
RT: 21.441 min Scan# 4191
Delta R.T. 0.003 min
Lab File: BM043156.D
Acq: 02 Dec 2023 12:47

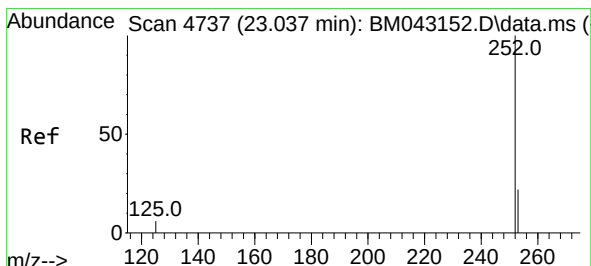
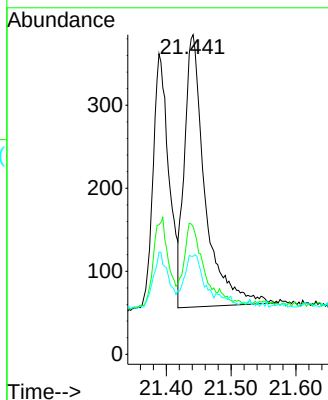
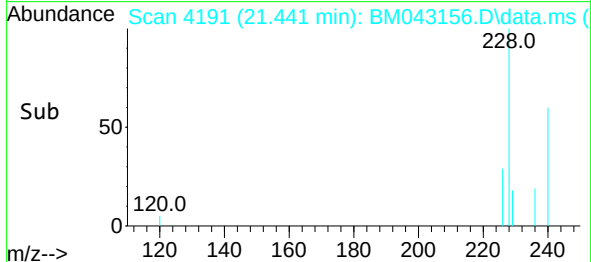
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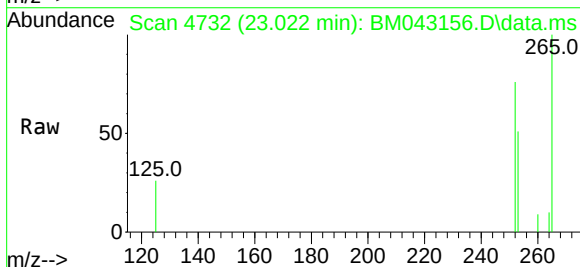
Tgt Ion:228 Resp: 724
Ion Ratio Lower Upper
228 100
226 40.0 27.2 40.8
229 30.6 18.0 27.0

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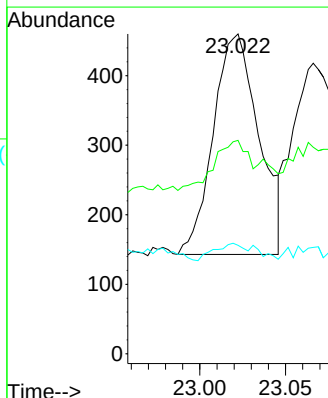
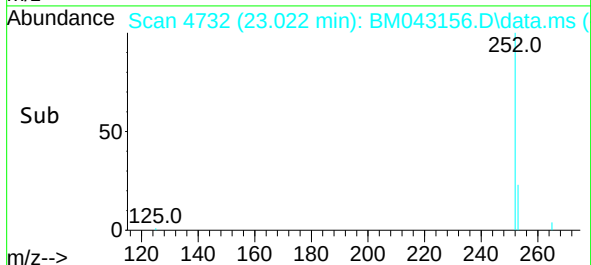
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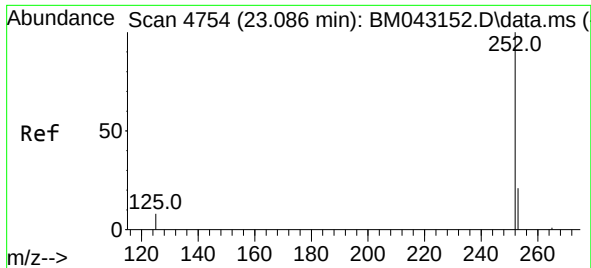


#24
Benzo(b)fluoranthene
Concen: 0.077 ng/u1
RT: 23.022 min Scan# 4732
Delta R.T. -0.005 min
Lab File: BM043156.D
Acq: 02 Dec 2023 12:47



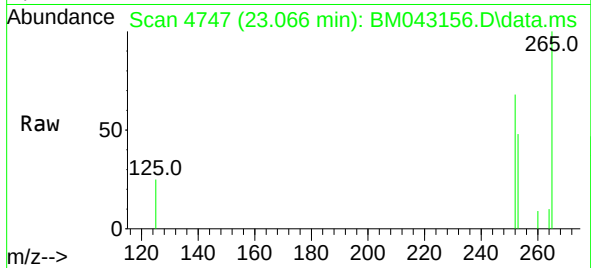
Tgt Ion:252 Resp: 588
Ion Ratio Lower Upper
252 100
253 66.7 0.0 71.8
125 33.9 0.0 29.0





#25
Benzo(k)fluoranthene
Concen: 0.056 ng/ul
RT: 23.066 min Scan# 41
Delta R.T. -0.011 min
Lab File: BM043156.D
Acq: 02 Dec 2023 12:47

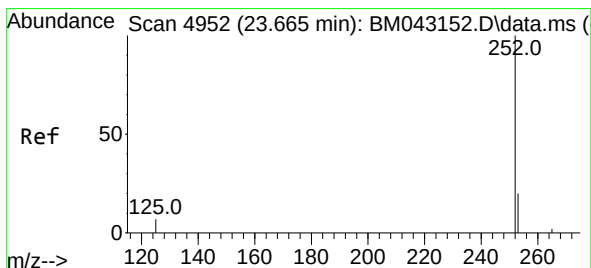
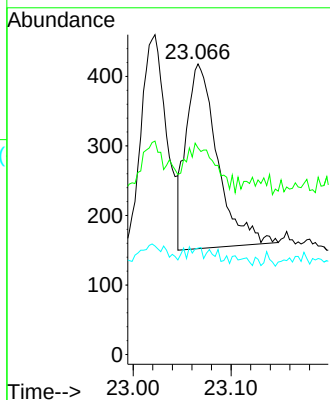
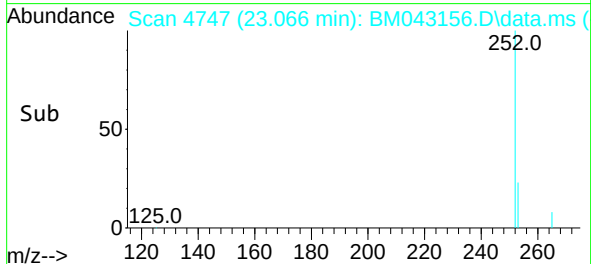
Instrument :
BNA_M
ClientSampleId :
C0AD9



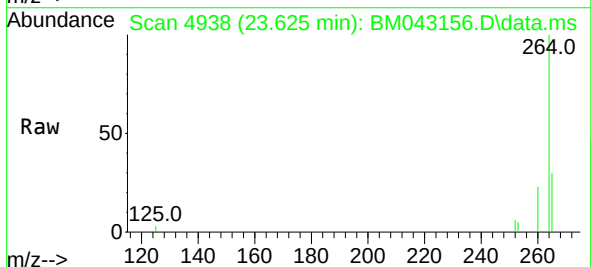
Tgt Ion:252 Resp: 592
Ion Ratio Lower Upper
252 100
253 71.1 28.2 42.2
125 36.6 11.0 16.6

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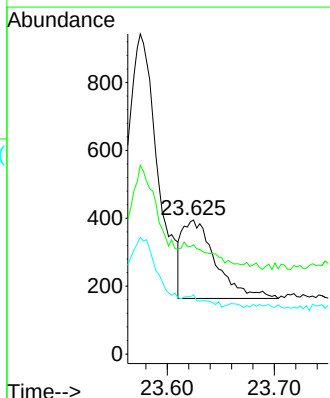
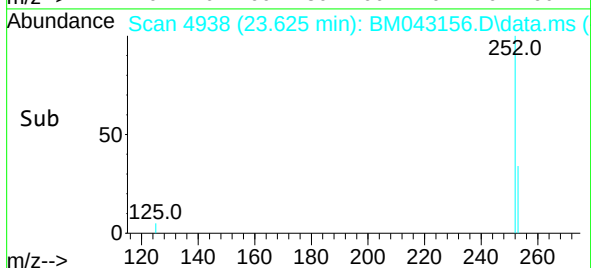
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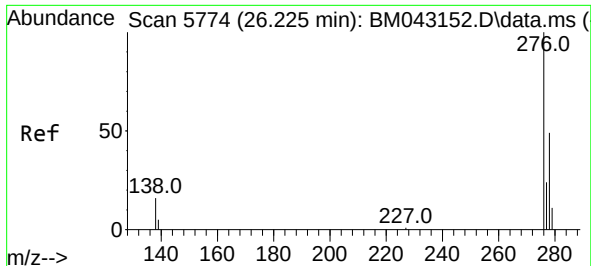


#26
Benzo(a)pyrene
Concen: 0.060 ng/ul
RT: 23.625 min Scan# 4938
Delta R.T. -0.026 min
Lab File: BM043156.D
Acq: 02 Dec 2023 12:47



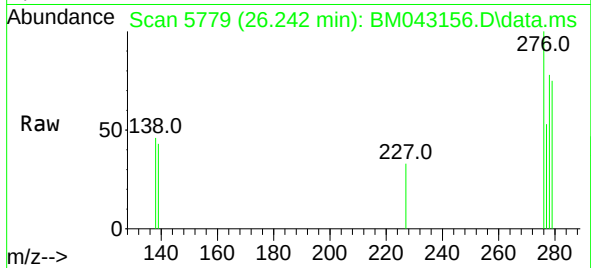
Tgt Ion:252 Resp: 506
Ion Ratio Lower Upper
252 100
253 81.5 36.6 55.0#
125 44.1 16.2 24.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.051 ng/ul
RT: 26.242 min Scan# 5774
Delta R.T. 0.037 min
Lab File: BM043156.D
Acq: 02 Dec 2023 12:47

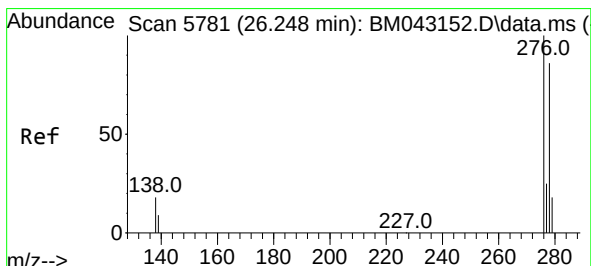
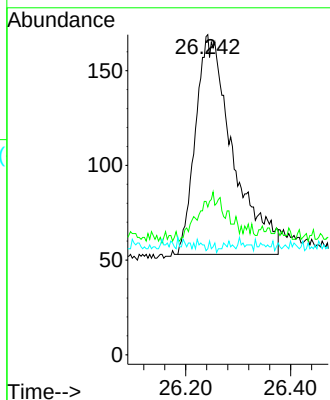
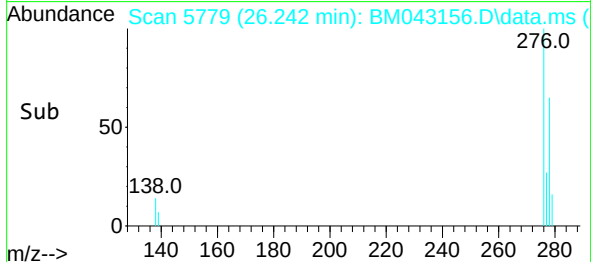
Instrument :
BNA_M
ClientSampleId :
C0AD9



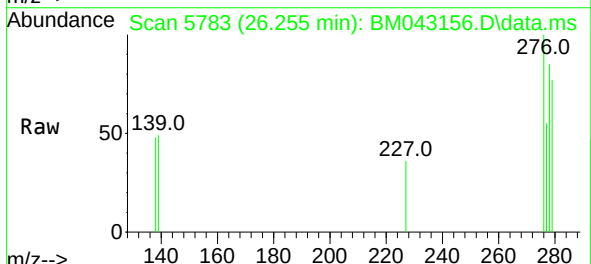
Tgt Ion:276 Resp: 5774
Ion Ratio Lower Upper
276 100
138 10.8 0.0 0.0#
227 0.5 0.2 0.2#

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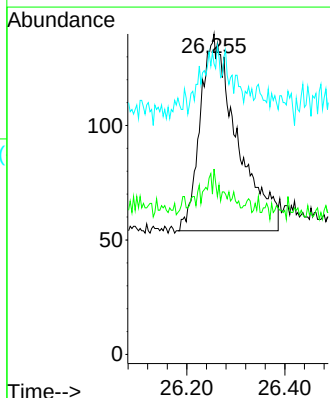
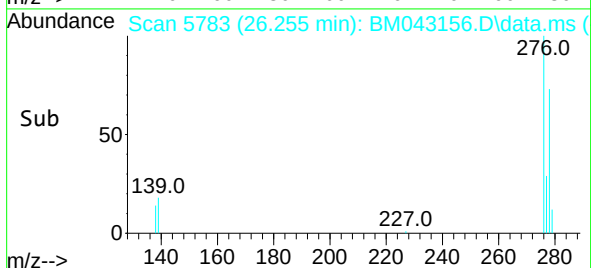
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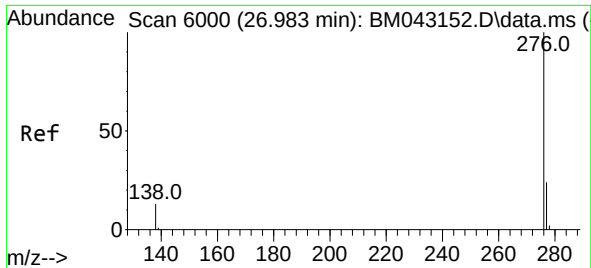


#28
Dibenzo(a,h)anthracene
Concen: 0.051 ng/ul
RT: 26.255 min Scan# 5783
Delta R.T. 0.044 min
Lab File: BM043156.D
Acq: 02 Dec 2023 12:47



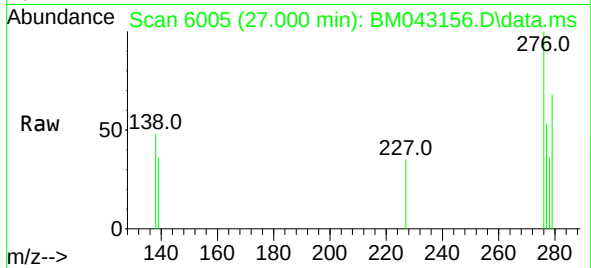
Tgt Ion:278 Resp: 450
Ion Ratio Lower Upper
278 100
139 57.9 18.1 27.1#
279 90.7 34.4 51.6#





#29
Benzo(g,h,i)perylene
Concen: 0.049 ng/ul
RT: 27.000 min Scan# 6005
Delta R.T. 0.041 min
Lab File: BM043156.D
Acq: 02 Dec 2023 12:47

Instrument :
BNA_M
ClientSampleId :
C0AD9



Tgt Ion:276 Resp: 53.0
Ion Ratio Lower Upper
276 100
138 47.6 17.8 26.8
277 53.0 23.8 35.8

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