

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045923.D
 Acq On : 08 Jun 2024 19:17
 Operator : MA/JU
 Sample : P2640-09
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C23

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 01:29:44 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	7.464	152	5887	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.231	136	18642	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.112	164	9135	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	17829m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.050	240	13555m	0.400	ng/ul	0.00
23) Perylene-d12	23.154	264	14519m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	23768	3.545	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.843	152	5465	0.204	ng/ul	0.00
18) Fluoranthene-d10	18.885	212	10132	0.250	ng/ul	0.00
Target Compounds						
15) Phenanthrene	16.891	178	1135m	0.023	ng/ul	Qvalue
19) Fluoranthene	18.913	202	3238	0.060	ng/ul#	91
20) Pyrene	19.275	202	2855	0.051	ng/ul#	83
21) Benzo(a)anthracene	21.032	228	1595	0.032	ng/ul#	80
22) Chrysene	21.082	228	2156	0.040	ng/ul#	84
24) Benzo(b)fluoranthene	22.531	252	3004m	0.062	ng/ul	
26) Benzo(a)pyrene	23.057	252	1578	0.033	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.223	276	1830	0.030	ng/ul#	50
29) Benzo(g,h,i)perylene	25.853	276	1880	0.035	ng/ul#	36

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

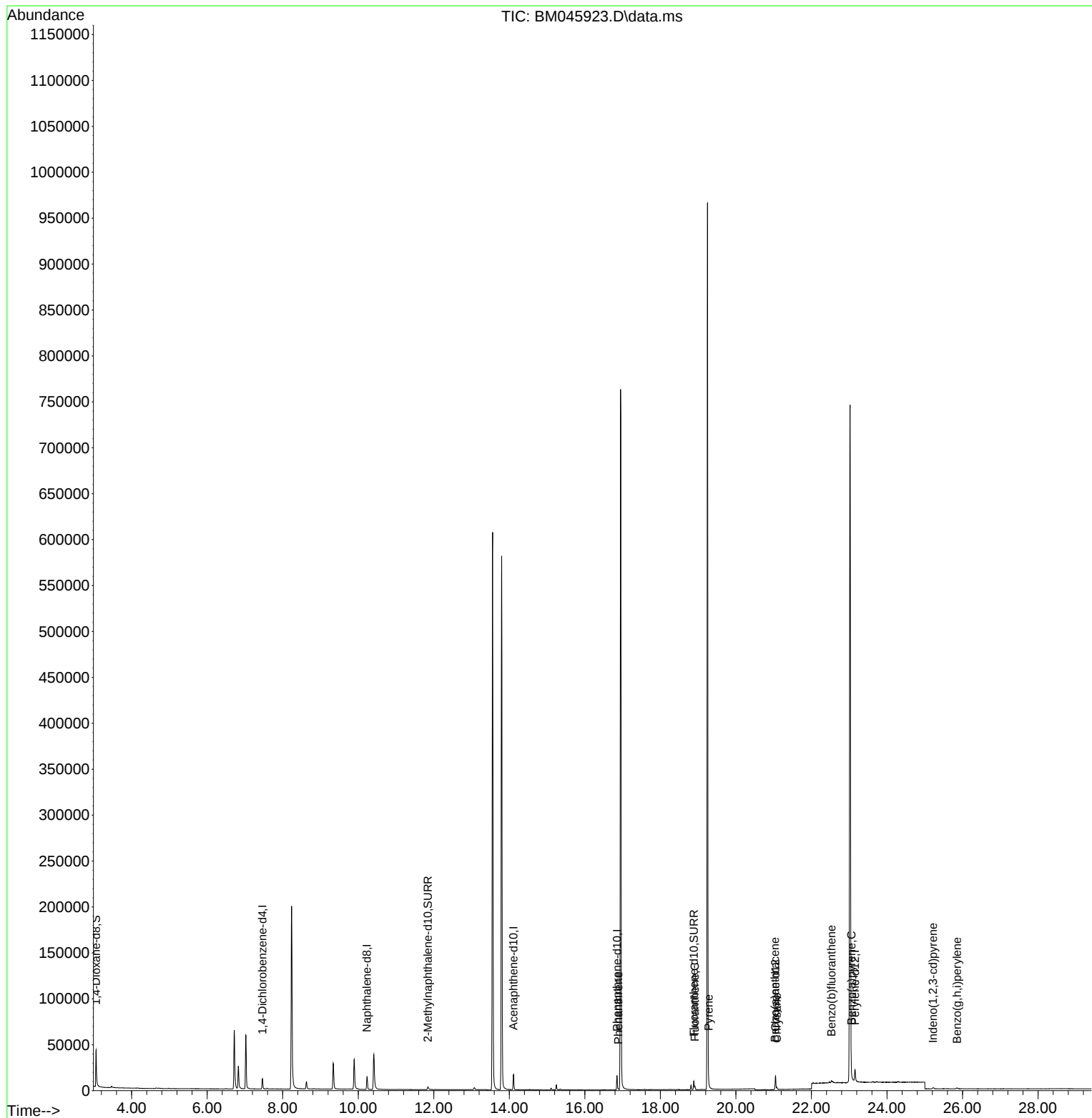
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045923.D
Acq On : 08 Jun 2024 19:17
Operator : MA/JU
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ALS Vial : 51 Sample Multiplier: 1

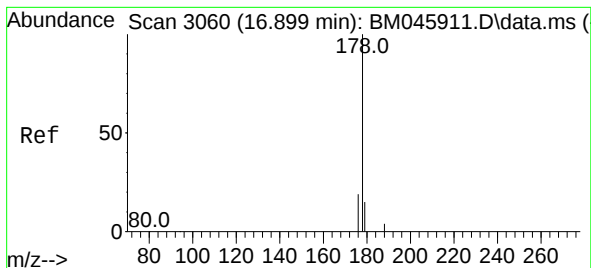
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#15

Phenanthrene

Concen: 0.023 ng/ul m

RT: 16.891 min Scan# 3058

Delta R.T. -0.013 min

Lab File: BM045923.D

Acq: 08 Jun 2024 19:17

Instrument :

BNA_M

ClientSampleId :

A4C23

Tgt Ion:178 Resp: 1134

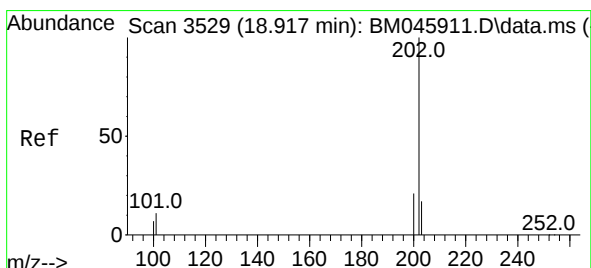
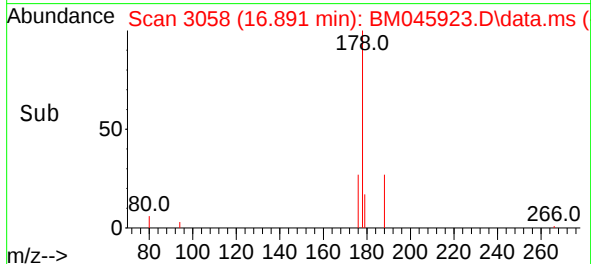
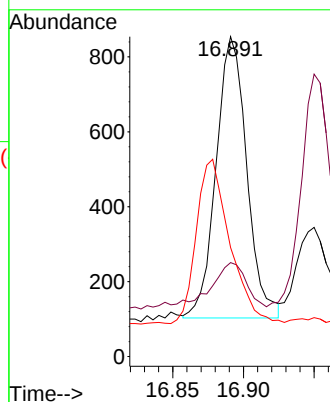
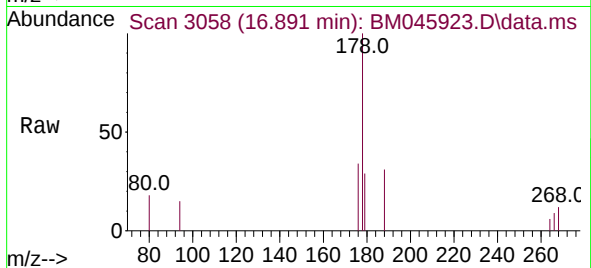
Ion	Ratio	Lower	Upper
178	100		
179	29.4	12.7	19.1#
176	34.1	15.6	23.4#

Manual Integrations

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Supervised By :mohammad ahmed 06/13/2024



#19

Fluoranthene

Concen: 0.060 ng/ul

RT: 18.913 min Scan# 3528

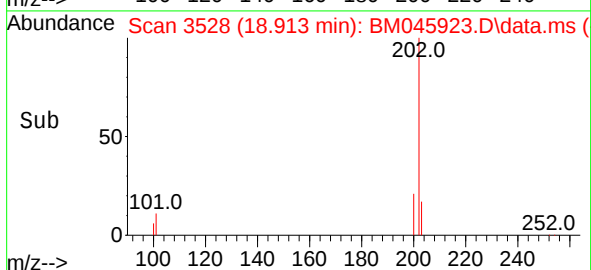
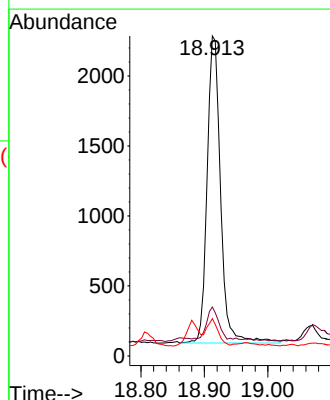
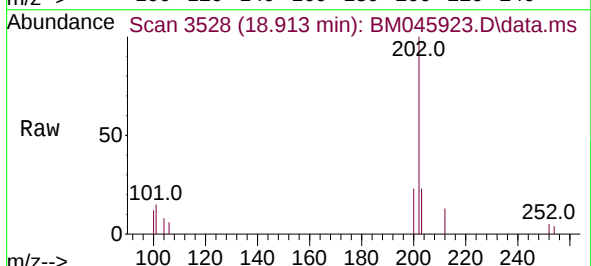
Delta R.T. -0.009 min

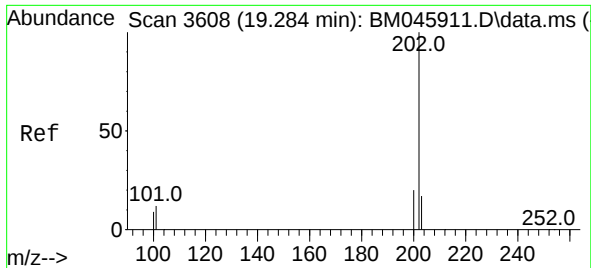
Lab File: BM045923.D

Acq: 08 Jun 2024 19:17

Tgt Ion:202 Resp: 3238

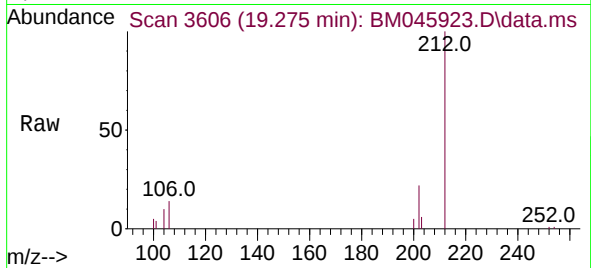
Ion	Ratio	Lower	Upper
202	100		
101	15.3	9.0	13.6#
100	11.6	7.0	10.6#





#20
Pyrene
Concen: 0.051 ng/ul
RT: 19.275 min Scan# 3606
Delta R.T. -0.009 min
Lab File: BM045923.D
Acq: 08 Jun 2024 19:17

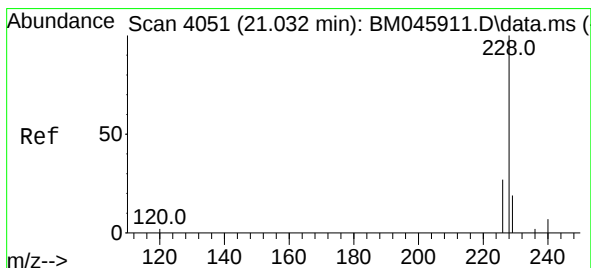
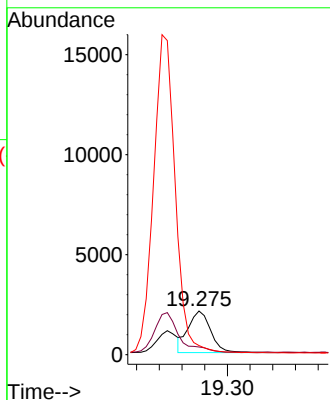
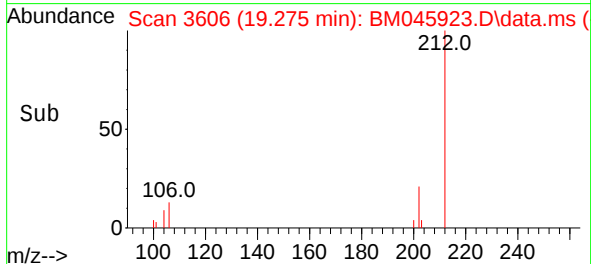
Instrument :
BNA_M
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A4C23



Tgt Ion:202 Resp: 285
Ion Ratio Lower Upper
202 100
101 17.5 10.6 16.0
100 20.9 9.1 13.7

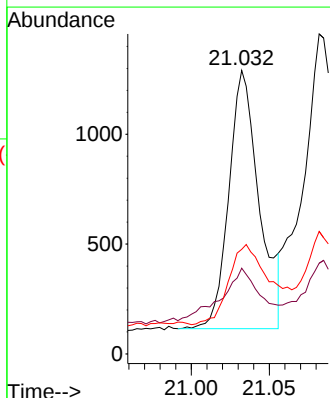
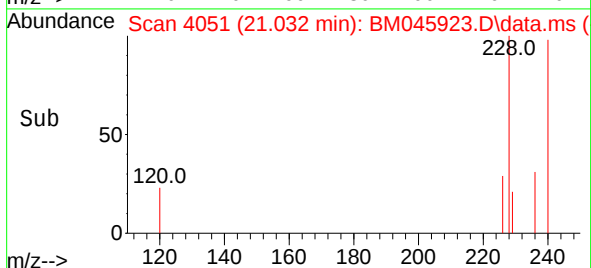
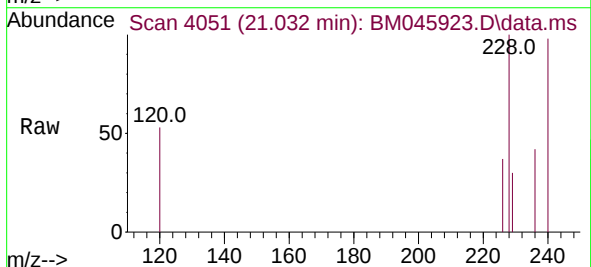
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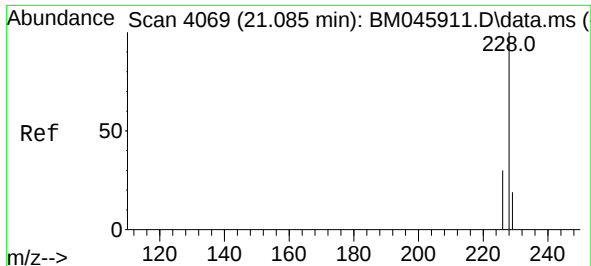
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#21
Benzo(a)anthracene
Concen: 0.032 ng/ul
RT: 21.032 min Scan# 4051
Delta R.T. -0.003 min
Lab File: BM045923.D
Acq: 08 Jun 2024 19:17

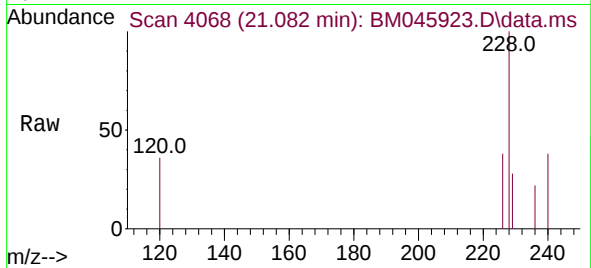
Tgt Ion:228 Resp: 1595
Ion Ratio Lower Upper
228 100
229 30.2 15.7 23.5#
226 36.9 22.0 33.0#





#22
Chrysene
Concen: 0.040 ng/ul
RT: 21.082 min Scan# 4068
Delta R.T. -0.006 min
Lab File: BM045923.D
Acq: 08 Jun 2024 19:17

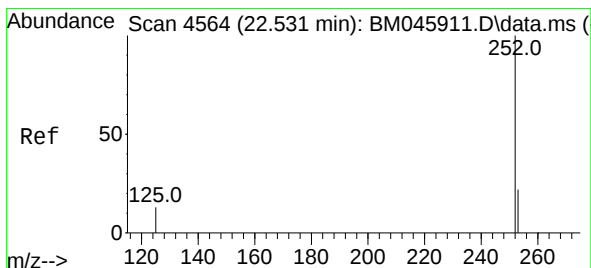
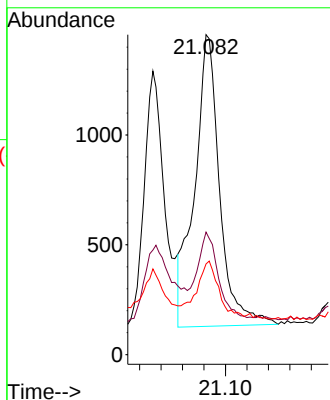
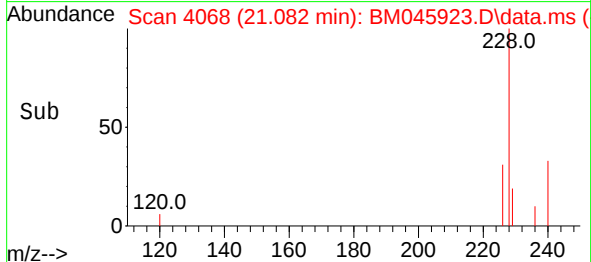
Instrument :
BNA_M
ClientSampleId :
A4C23



Tgt Ion:228 Resp: 2150
Ion Ratio Lower Upper
228 100
226 38.3 24.5 36.7#
229 28.3 16.2 24.2#

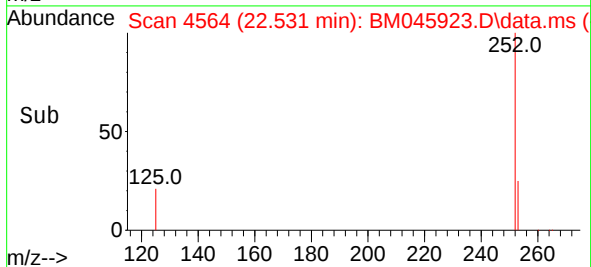
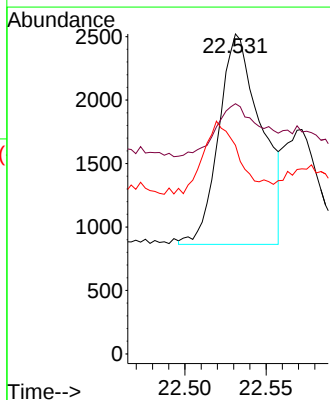
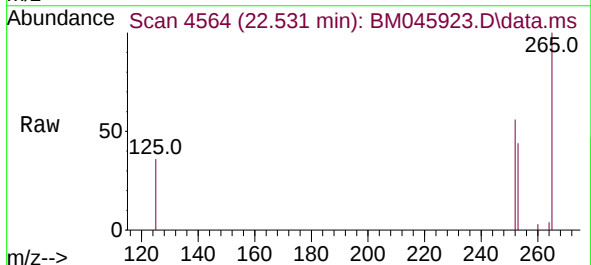
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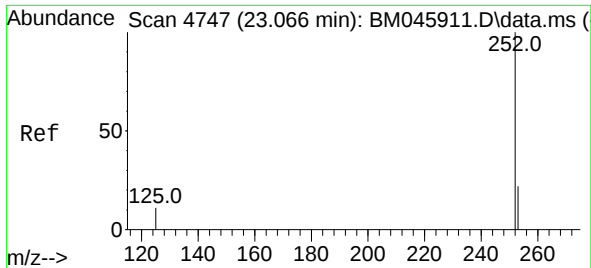
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#24
Benzo(b)fluoranthene
Concen: 0.062 ng/ul m
RT: 22.531 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BM045923.D
Acq: 08 Jun 2024 19:17

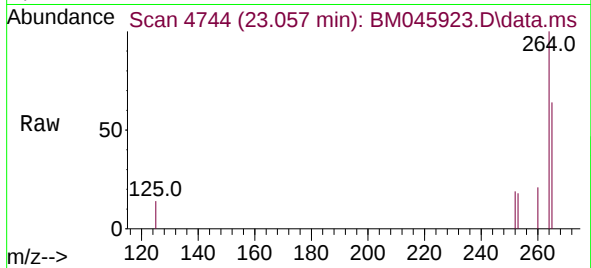
Tgt Ion:252 Resp: 3004
Ion Ratio Lower Upper
252 100
253 78.2 0.0 63.6#
125 65.2 0.0 35.8#





#26
Benzo(a)pyrene
Concen: 0.033 ng/ul
RT: 23.057 min Scan# 4744
Delta R.T. -0.015 min
Lab File: BM045923.D
Acq: 08 Jun 2024 19:17

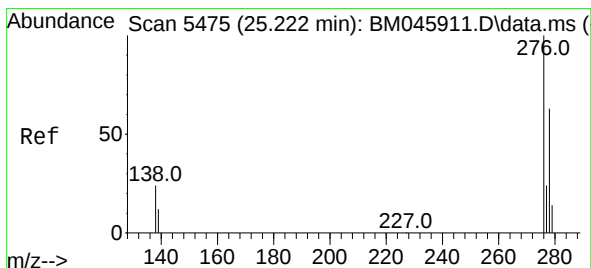
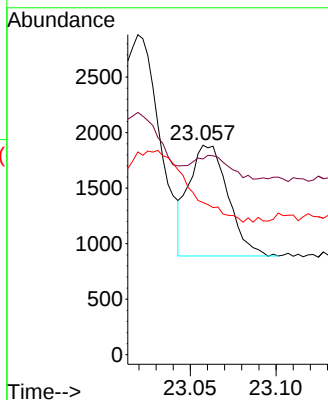
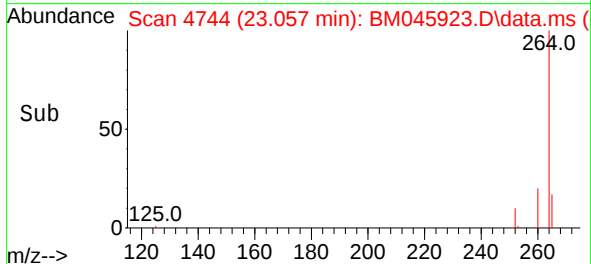
Instrument :
BNA_M
ClientSampleId :
A4C23



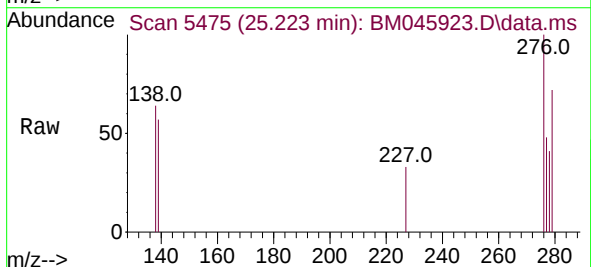
Tgt Ion:252 Resp: 1578
Ion Ratio Lower Upper
252 100
253 93.4 28.8 43.2#
125 72.6 17.3 25.9#

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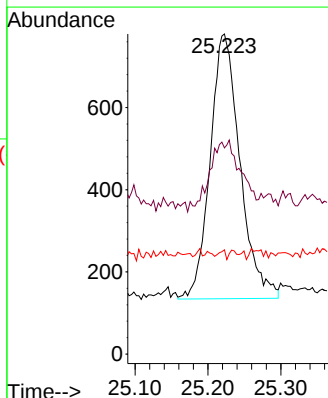
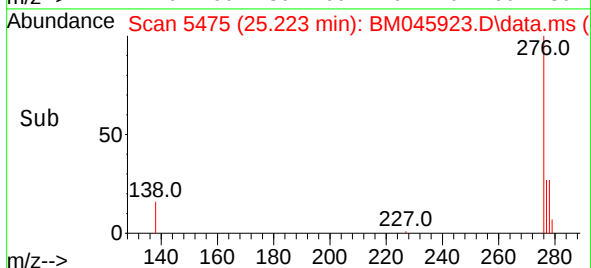
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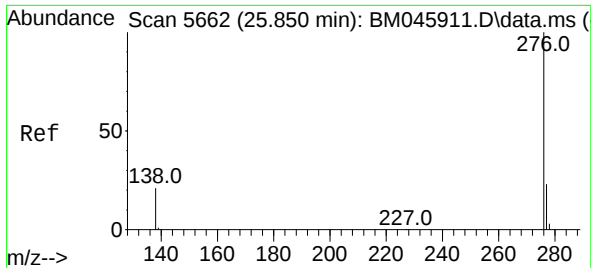


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng/ul
RT: 25.223 min Scan# 5475
Delta R.T. -0.010 min
Lab File: BM045923.D
Acq: 08 Jun 2024 19:17



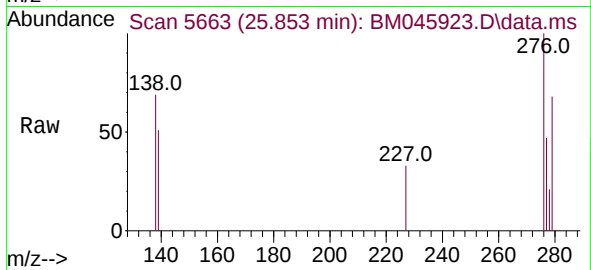
Tgt Ion:276 Resp: 1830
Ion Ratio Lower Upper
276 100
138 0.0 20.7 31.1#
227 0.8 0.2 0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.035 ng/ul
RT: 25.853 min Scan# 50
Delta R.T. -0.010 min
Lab File: BM045923.D
Acq: 08 Jun 2024 19:17

Instrument :
BNA_M
ClientSampleId :
A4C23



Tgt Ion:276 Resp: 1880
Ion Ratio Lower Upper
276 100
138 69.2 21.0 31.4
277 47.4 20.5 30.7

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