

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045877.D
 Acq On : 07 Jun 2024 11:52
 Operator : MA/JU
 Sample : P2586-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C37

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 07 12:47:35 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 : Thu Jun 06 17:58:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	5567	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.238	136	18964	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.118	164	10459	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.854	188	23535m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.049	240	19224m	0.400	ng/ul	0.00
23) Perylene-d12	23.159	264	19055m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	24638	3.886	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.844	152	6611	0.242	ng/ul	0.00
18) Fluoranthene-d10	18.890	212	14932	0.259	ng/ul	0.00
Target Compounds						
						Qvalue
15) Phenanthrene	16.896	178	8905m	0.135	ng/ul	
16) Anthracene	16.985	178	1905m	0.034	ng/ul	
19) Fluoranthene	18.918	202	22500	0.294	ng/ul	100
20) Pyrene	19.281	202	19609m	0.245	ng/ul	
21) Benzo(a)anthracene	21.035	228	10404	0.147	ng/ul	96
22) Chrysene	21.084	228	12575	0.164	ng/ul	98
24) Benzo(b)fluoranthene	22.536	252	18185m	0.288	ng/ul	
25) Benzo(k)fluoranthene	22.574	252	7304m	0.105	ng/ul	
26) Benzo(a)pyrene	23.066	252	10947	0.174	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.225	276	9523	0.117	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.229	278	2287	0.035	ng/ul#	10
29) Benzo(g,h,i)perylene	25.856	276	10367	0.148	ng/ul#	92

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

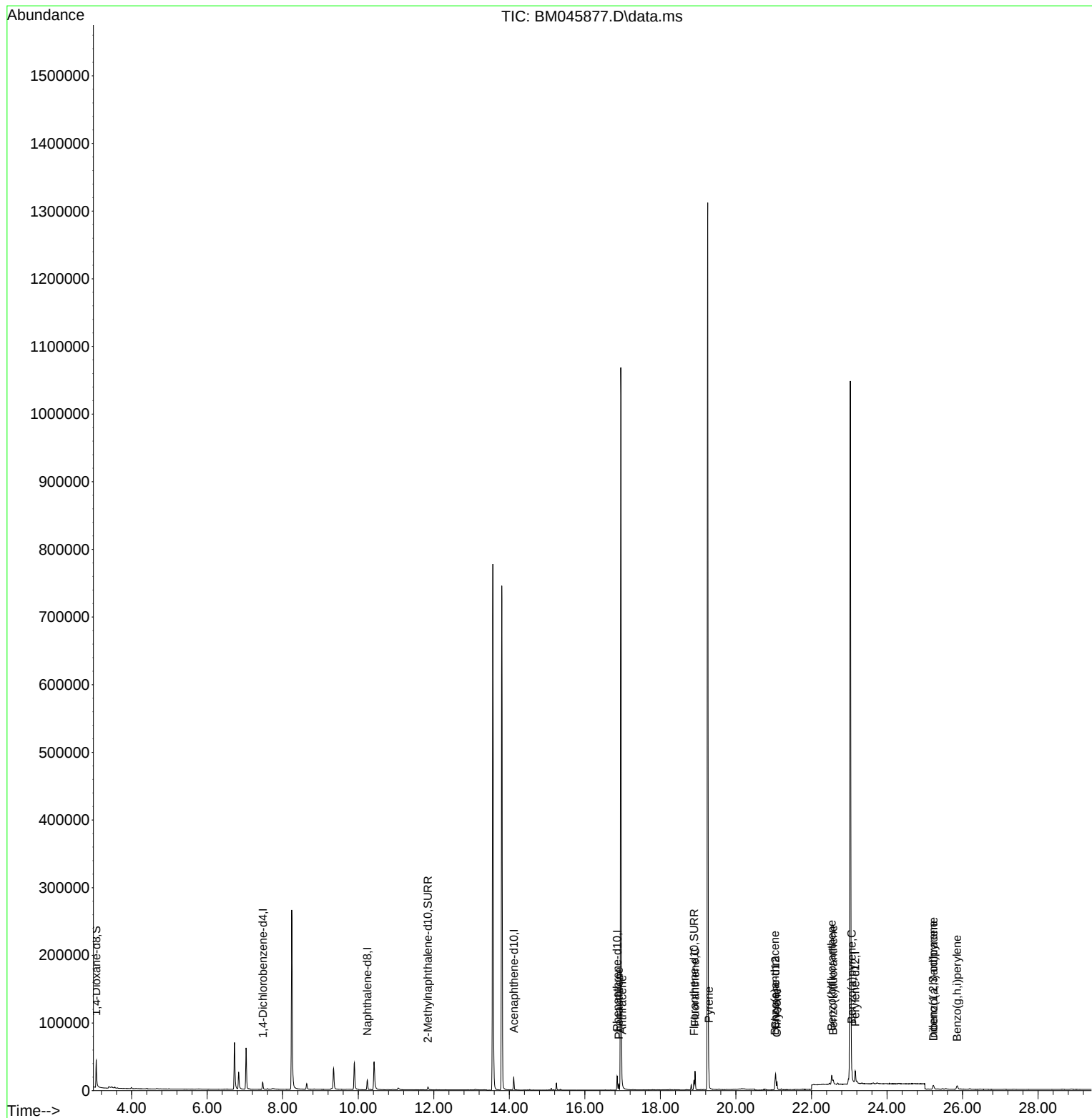
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
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ALS Vial : 6 Sample Multiplier: 1

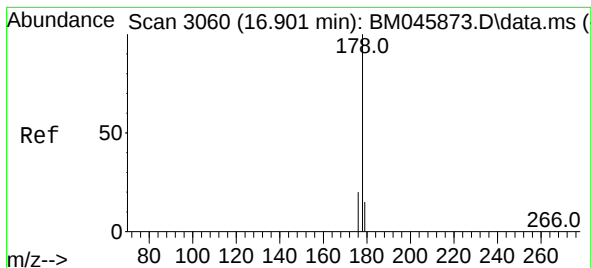
Instrument :
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#15

Phenanthrene

Concen: 0.135 ng/ul m

RT: 16.896 min Scan# 3059

Delta R.T. -0.007 min

Lab File: BM045877.D

Acq: 07 Jun 2024 11:52

Instrument :

BNA_M

ClientSampleId :

A4C37

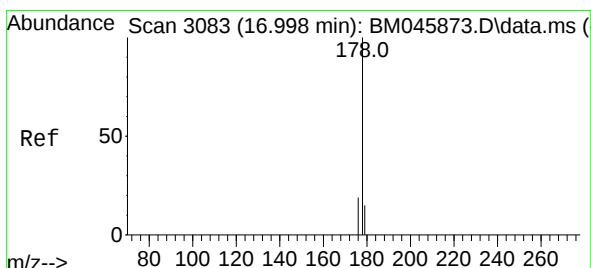
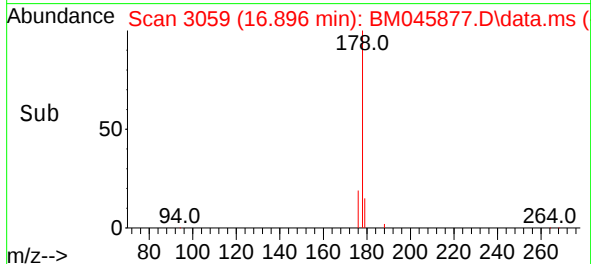
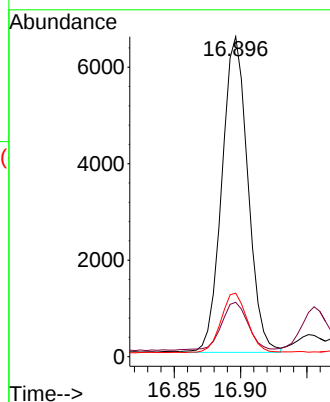
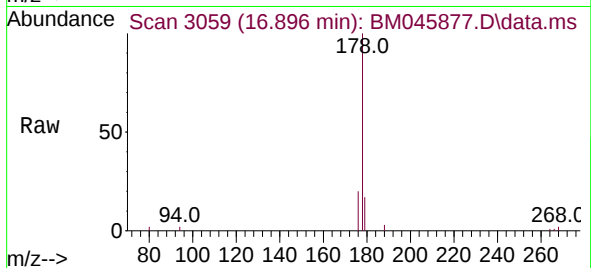
Tgt Ion:	178	Resp:	890
Ion Ratio	Lower	Upper	
178	100		
179	17.0	12.7	19.1
176	19.8	15.6	23.4

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#16

Anthracene

Concen: 0.034 ng/ul m

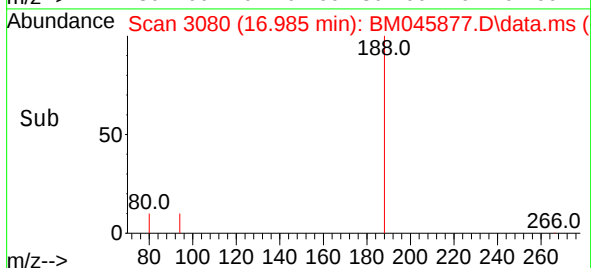
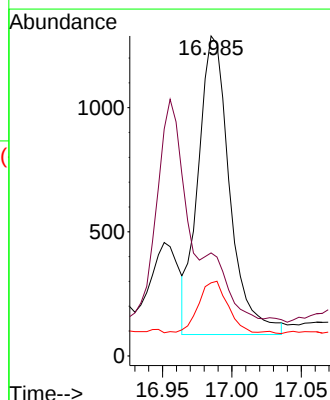
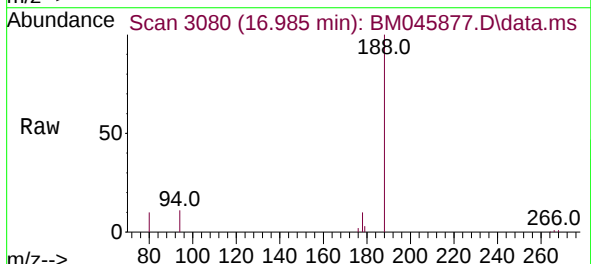
RT: 16.985 min Scan# 3080

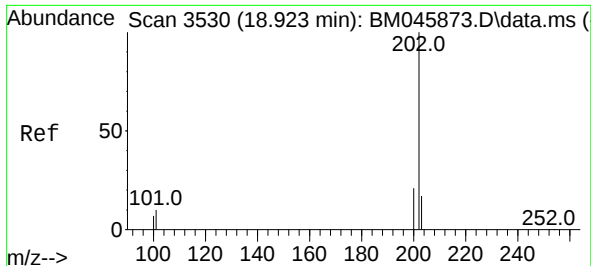
Delta R.T. -0.011 min

Lab File: BM045877.D

Acq: 07 Jun 2024 11:52

Tgt Ion:	178	Resp:	1905
Ion Ratio	Lower	Upper	
178	100		
179	32.2	13.1	19.7#
176	22.8	15.5	23.3





#19

Fluoranthene

Concen: 0.294 ng/ul

RT: 18.918 min Scan# 3529

Delta R.T. -0.003 min

Lab File: BM045877.D

Acq: 07 Jun 2024 11:52

Instrument :

BNA_M

ClientSampleId :

A4C37

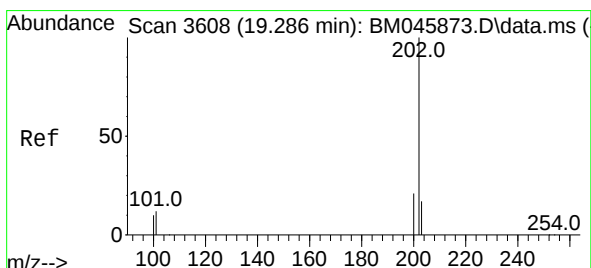
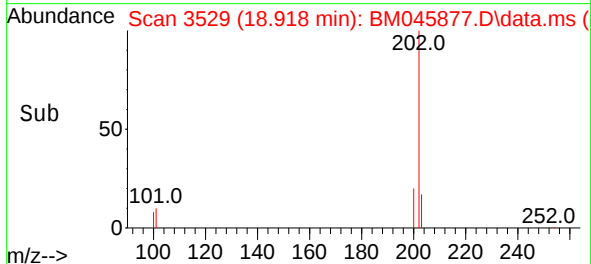
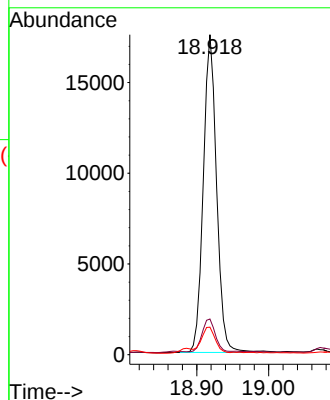
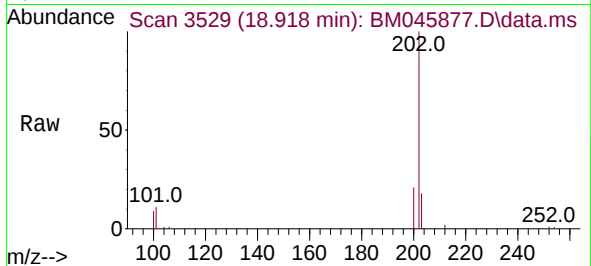
Tgt Ion:	202	Resp:	22500
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.0	13.6
100	8.6	7.0	10.6

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#20

Pyrene

Concen: 0.245 ng/ul m

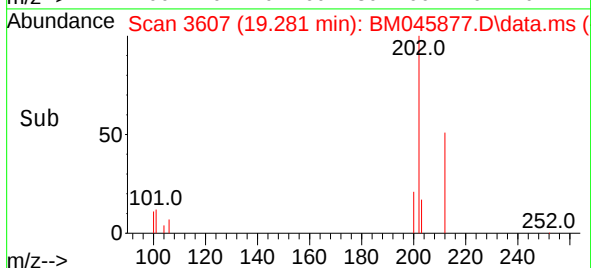
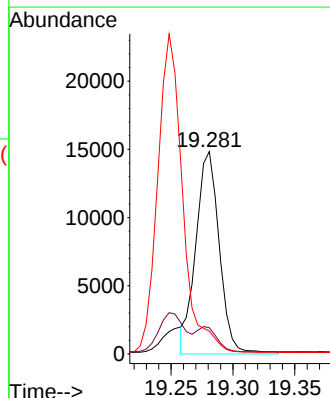
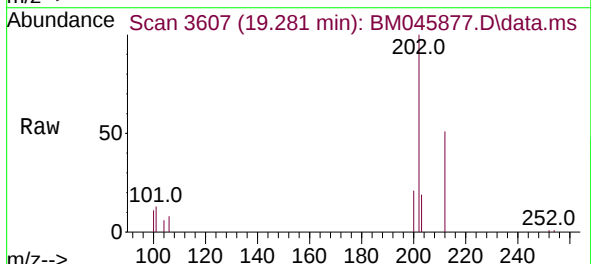
RT: 19.281 min Scan# 3607

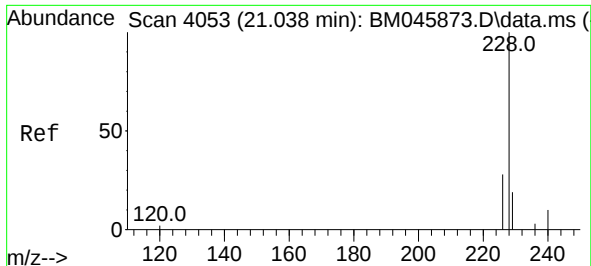
Delta R.T. -0.003 min

Lab File: BM045877.D

Acq: 07 Jun 2024 11:52

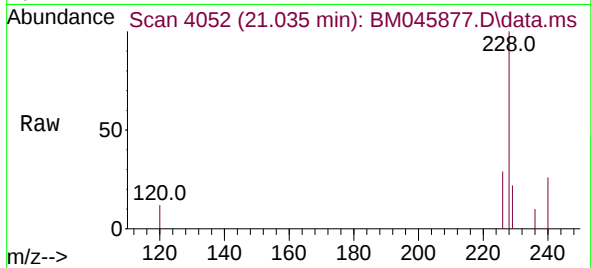
Tgt Ion:	202	Resp:	19609
Ion Ratio	Lower	Upper	
202	100		
101	13.0	10.6	16.0
100	11.3	9.1	13.7





#21
Benzo(a)anthracene
Concen: 0.147 ng/ul
RT: 21.035 min Scan# 4052
Delta R.T. -0.001 min
Lab File: BM045877.D
Acq: 07 Jun 2024 11:52

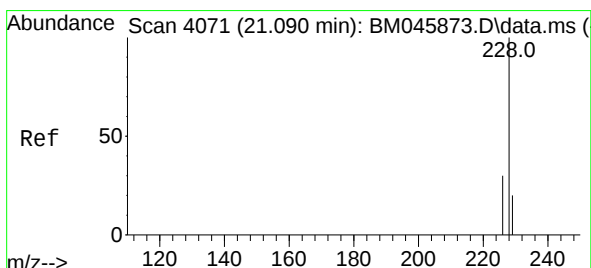
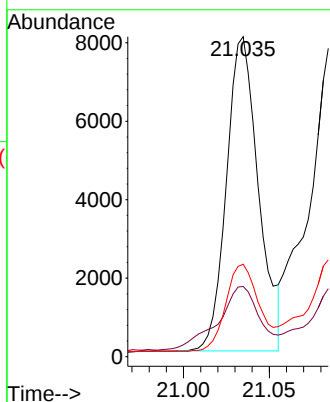
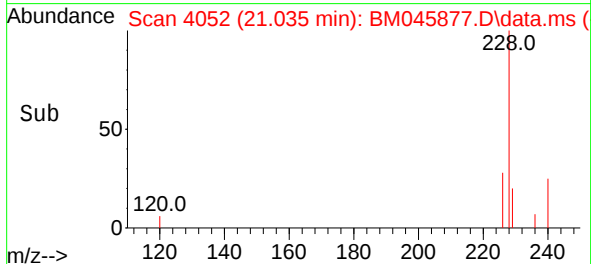
Instrument :
BNA_M
ClientSampleId :
A4C37



Tgt Ion:228 Resp: 10404
Ion Ratio Lower Upper
228 100
229 21.9 15.7 23.5
226 28.9 22.0 33.0

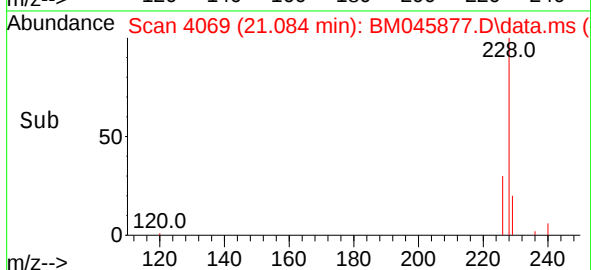
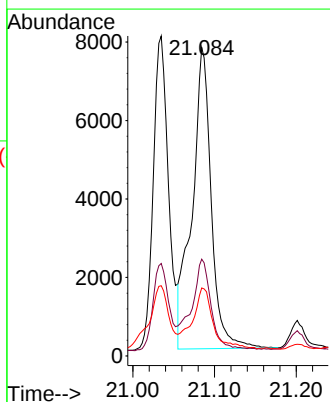
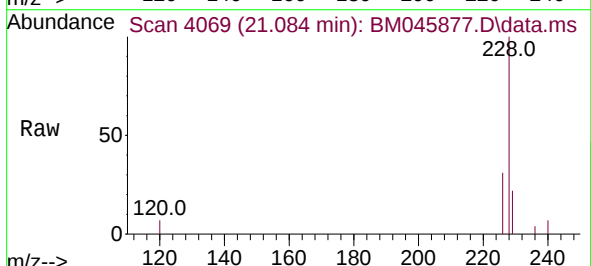
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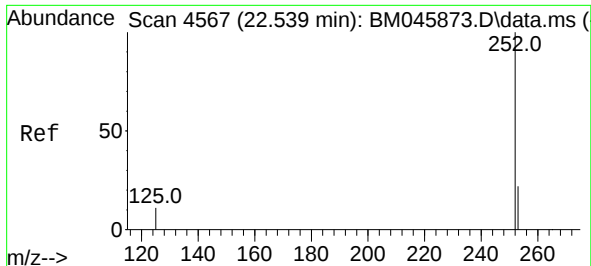
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 0.164 ng/ul
RT: 21.084 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM045877.D
Acq: 07 Jun 2024 11:52

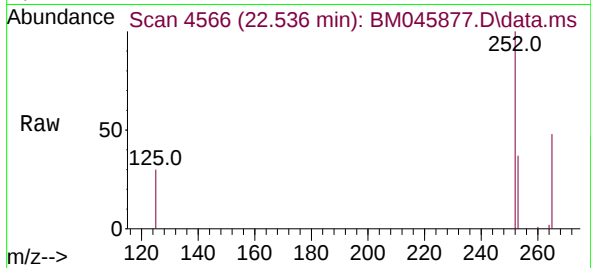
Tgt Ion:228 Resp: 12575
Ion Ratio Lower Upper
228 100
226 31.4 24.5 36.7
229 22.0 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.288 ng/ul m
RT: 22.536 min Scan# 4566
Delta R.T. -0.001 min
Lab File: BM045877.D
Acq: 07 Jun 2024 11:52

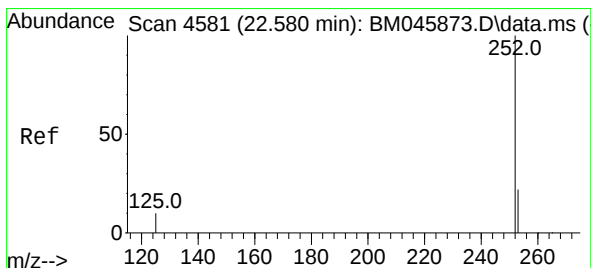
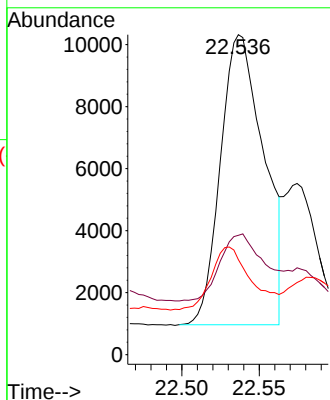
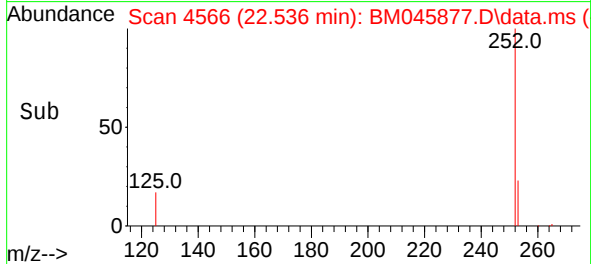
Instrument :
BNA_M
ClientSampleId :
A4C37



Tgt Ion:252 Resp: 1818
Ion Ratio Lower Upper
252 100
253 37.3 0.0 63.6
125 29.7 0.0 35.8

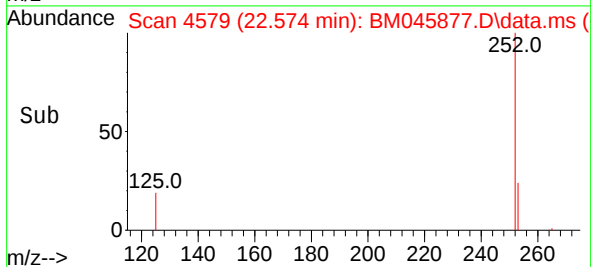
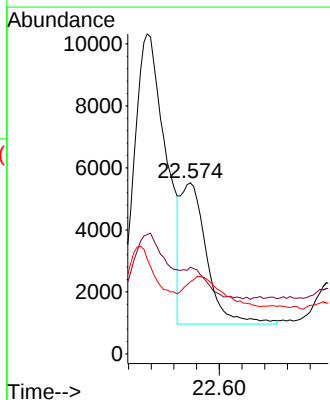
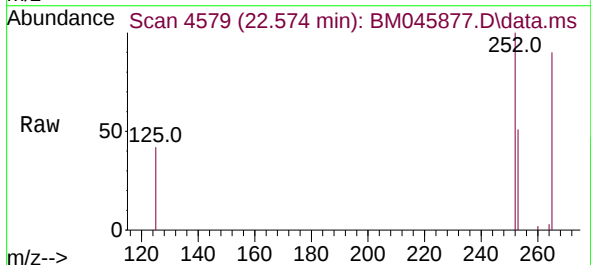
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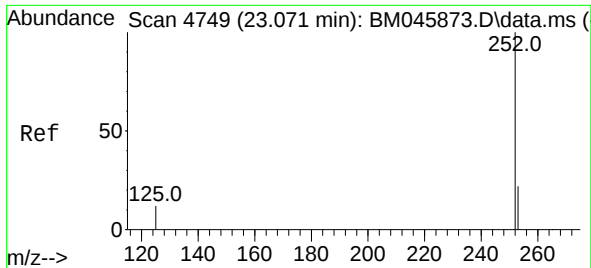
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.105 ng/ul m
RT: 22.574 min Scan# 4579
Delta R.T. -0.006 min
Lab File: BM045877.D
Acq: 07 Jun 2024 11:52

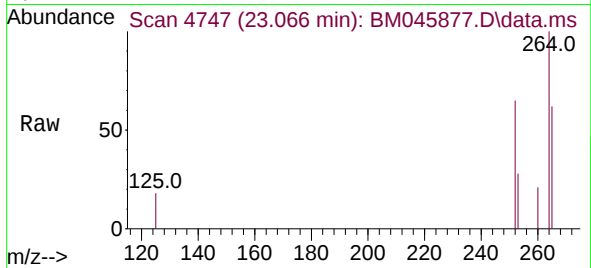
Tgt Ion:252 Resp: 7304
Ion Ratio Lower Upper
252 100
253 50.8 25.0 37.6#
125 42.1 14.2 21.2#





#26
Benzo(a)pyrene
Concen: 0.174 ng/ul
RT: 23.066 min Scan# 4747
Delta R.T. -0.006 min
Lab File: BM045877.D
Acq: 07 Jun 2024 11:52

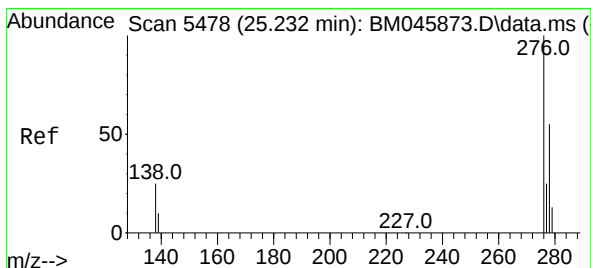
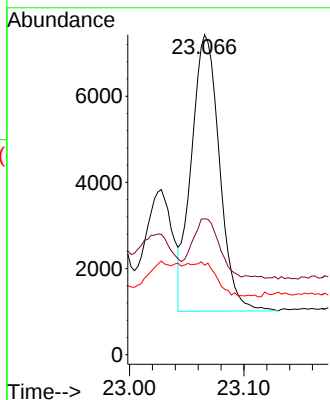
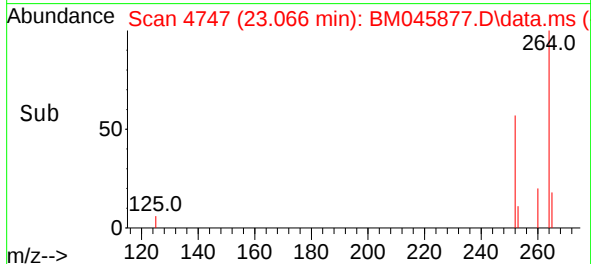
Instrument :
BNA_M
ClientSampleId :
A4C37



Tgt Ion:252 Resp: 1094
Ion Ratio Lower Upper
252 100
253 42.4 28.8 43.2
125 27.9 17.3 25.9

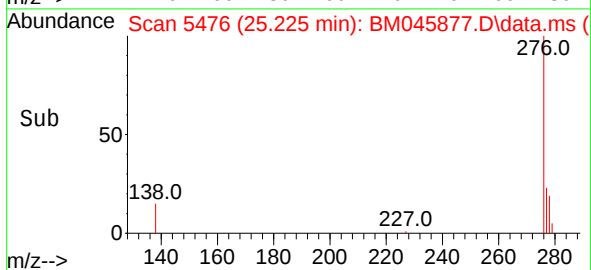
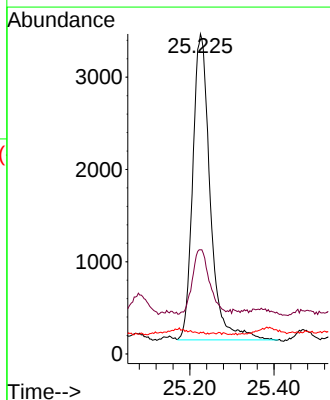
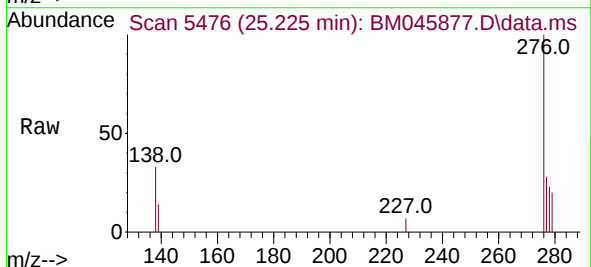
Manual Integrations
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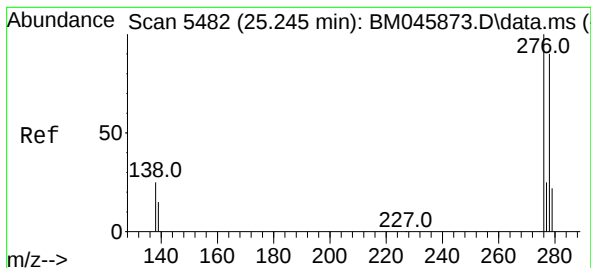
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.117 ng/ul
RT: 25.225 min Scan# 5476
Delta R.T. -0.007 min
Lab File: BM045877.D
Acq: 07 Jun 2024 11:52

Tgt Ion:276 Resp: 9523
Ion Ratio Lower Upper
276 100
138 21.0 20.7 31.1
227 0.1 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.035 ng/ul

RT: 25.229 min Scan# 5482

Delta R.T. -0.020 min

Lab File: BM045877.D

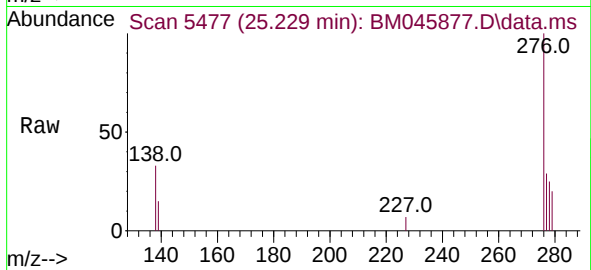
Acq: 07 Jun 2024 11:52

Instrument :

BNA_M

ClientSampleId :

A4C37



Tgt Ion:278 Resp: 228

Ion Ratio Lower Upper

278 100

139 59.2 16.6 25.0

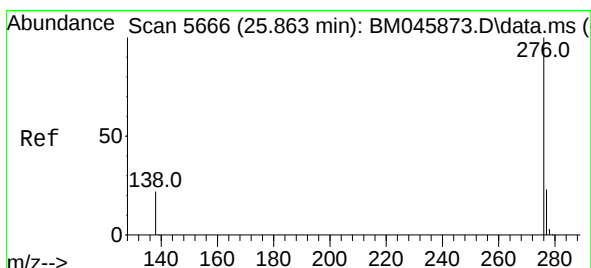
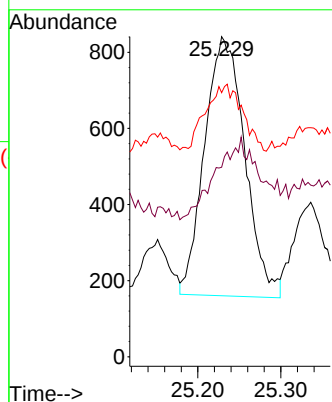
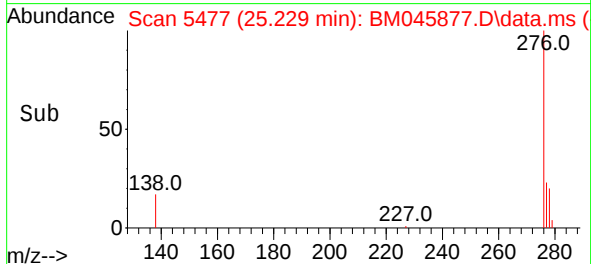
279 82.5 24.6 37.0

Manual Integrations

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Supervised By :mohammad ahmed 06/13/2024



#29

Benzo(g,h,i)perylene

Concen: 0.148 ng/ul

RT: 25.856 min Scan# 5664

Delta R.T. -0.007 min

Lab File: BM045877.D

Acq: 07 Jun 2024 11:52

Tgt Ion:276 Resp: 10367

Ion Ratio Lower Upper

276 100

138 31.9 21.0 31.4

277 27.6 20.5 30.7

