

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045900.D
 Acq On : 08 Jun 2024 03:13
 Operator : MA/JU
 Sample : P2586-16DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C31DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 08 03:44:15 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	7.472	152	6642	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.243	136	22526	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.113	164	12492	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.858	188	24746	0.400	ng/ul	0.00
17) Chrysene-d12	21.049	240	19336	0.400	ng/ul	0.00
23) Perylene-d12	23.156	264	20474m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	4406	0.582	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.844	152	1179	0.036	ng/ul	0.00
18) Fluoranthene-d10	18.890	212	2290	0.040	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.896	178	16726	0.241	ng/ul	99
16) Anthracene	16.989	178	3890	0.066	ng/ul#	92
19) Fluoranthene	18.918	202	27152	0.352	ng/ul	99
20) Pyrene	19.281	202	23794	0.296	ng/ul	98
21) Benzo(a)anthracene	21.032	228	11081	0.156	ng/ul	96
22) Chrysene	21.084	228	11123	0.144	ng/ul	97
24) Benzo(b)fluoranthene	22.533	252	13119m	0.193	ng/ul	
25) Benzo(k)fluoranthene	22.569	252	5387m	0.072	ng/ul	
26) Benzo(a)pyrene	23.063	252	8971	0.133	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.222	276	6605	0.076	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.225	278	1523	0.022	ng/ul#	1
29) Benzo(g,h,i)perylene	25.856	276	6818	0.091	ng/ul#	84

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

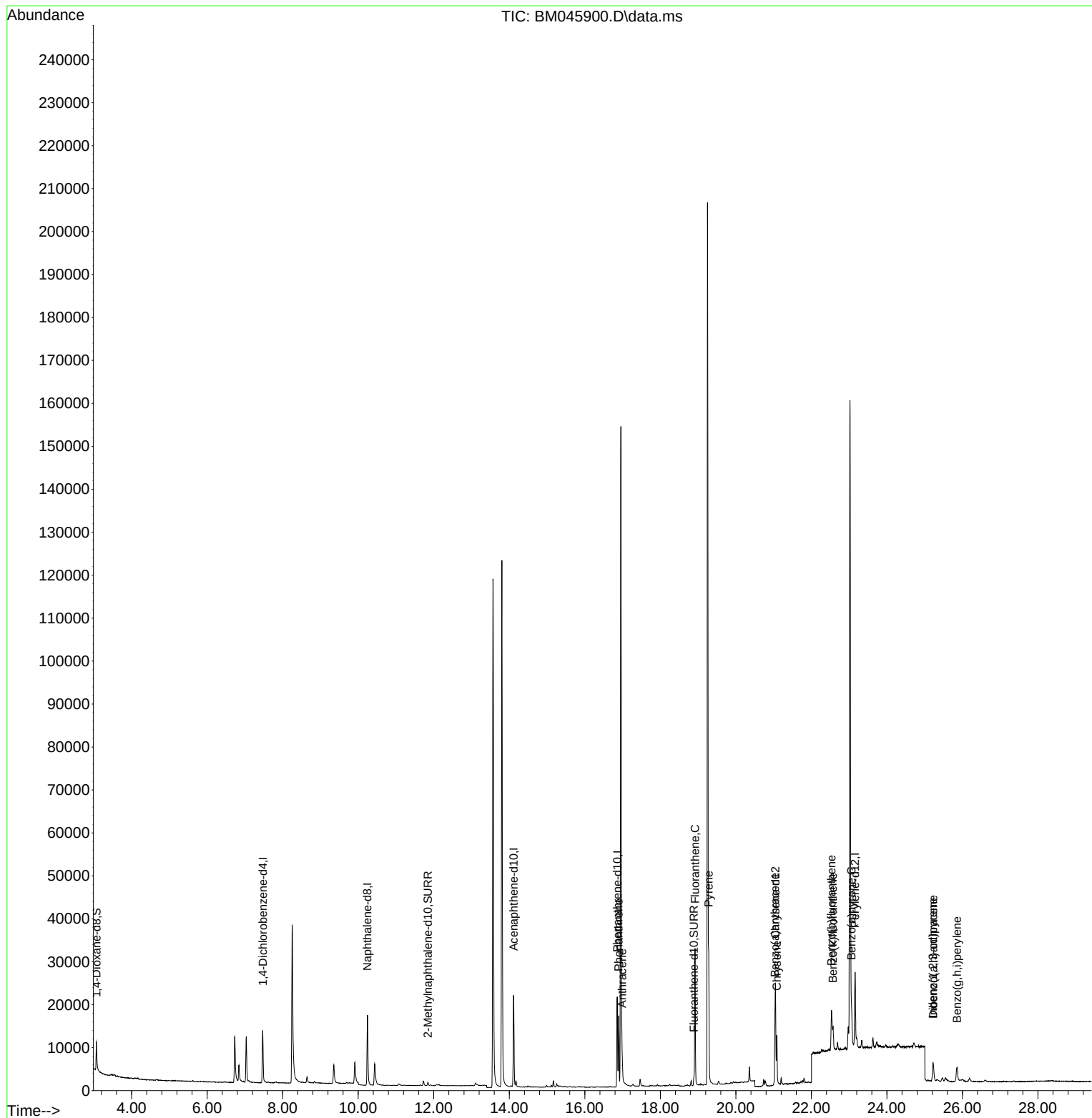
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045900.D
Acq On : 08 Jun 2024 03:13
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Misc :
ALS Vial : 28 Sample Multiplier: 1

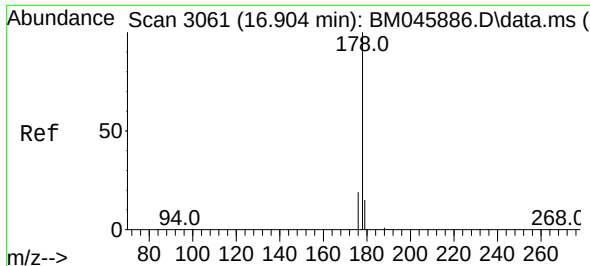
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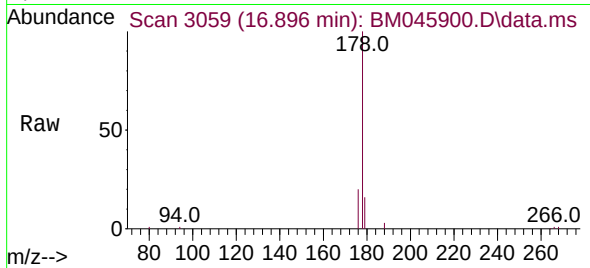
Quant Time: Jun 08 03:44:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
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#15
Phenanthrene
Concen: 0.241 ng/ul
RT: 16.896 min Scan# 3061
Delta R.T. -0.007 min
Lab File: BM045900.D
Acq: 08 Jun 2024 03:13

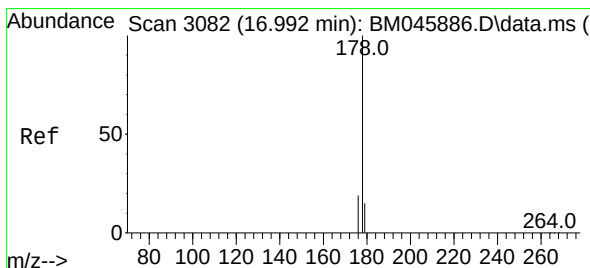
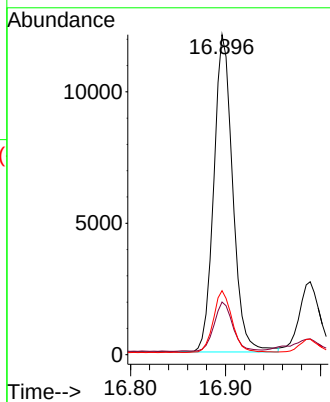
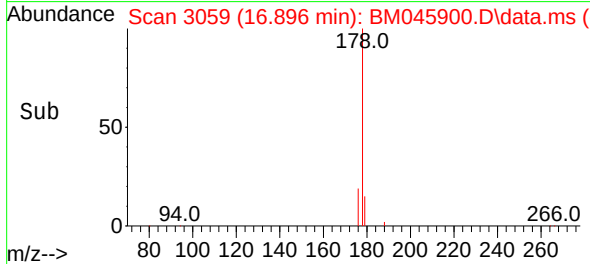
Instrument :
BNA_M
ClientSampleId :
A4C31DL



Tgt Ion:178 Resp: 16720
Ion Ratio Lower Upper
178 100
179 16.4 12.7 19.1
176 20.0 15.6 23.4

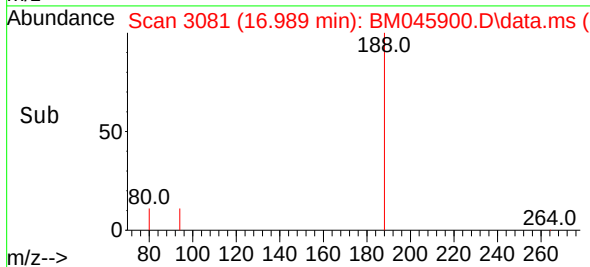
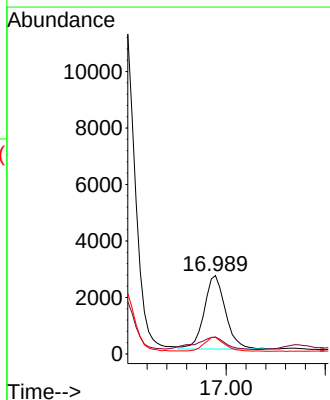
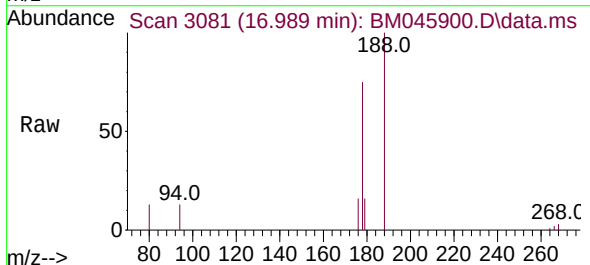
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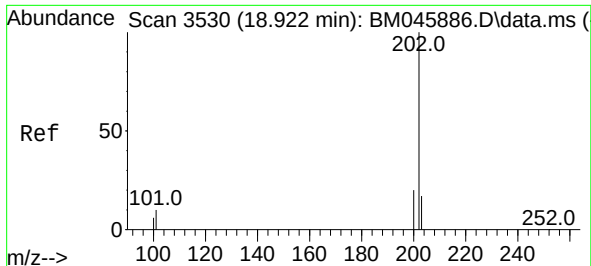
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#16
Anthracene
Concen: 0.066 ng/ul
RT: 16.989 min Scan# 3081
Delta R.T. -0.007 min
Lab File: BM045900.D
Acq: 08 Jun 2024 03:13

Tgt Ion:178 Resp: 3890
Ion Ratio Lower Upper
178 100
179 21.7 13.1 19.7#
176 21.2 15.5 23.3





#19

Fluoranthene

Concen: 0.352 ng/ul

RT: 18.918 min Scan# 3529

Delta R.T. -0.003 min

Lab File: BM045900.D

Acq: 08 Jun 2024 03:13

Instrument :

BNA_M

ClientSampleId :

A4C31DL

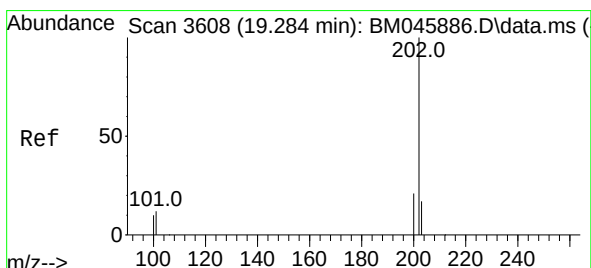
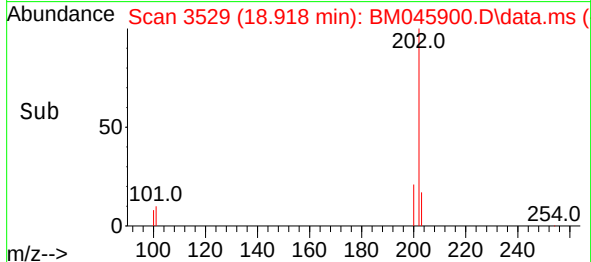
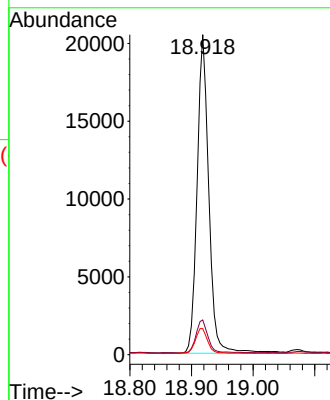
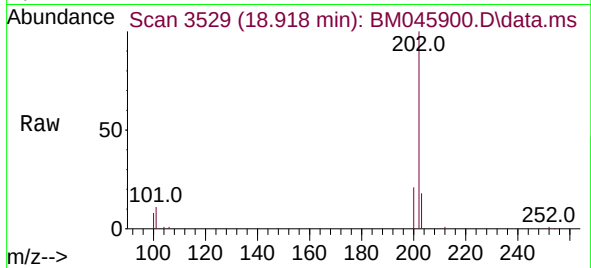
Tgt Ion:	202	Resp:	2715
Ion Ratio	Lower	Upper	
202	100		
101	10.9	9.0	13.6
100	8.2	7.0	10.6

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#20

Pyrene

Concen: 0.296 ng/ul

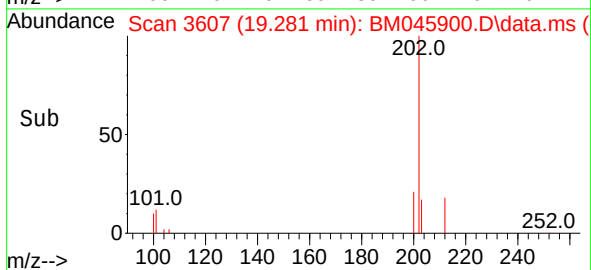
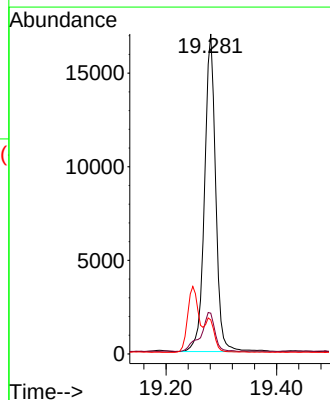
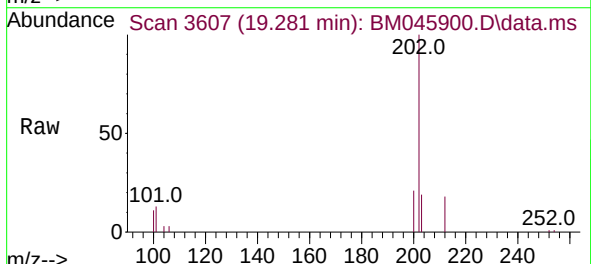
RT: 19.281 min Scan# 3607

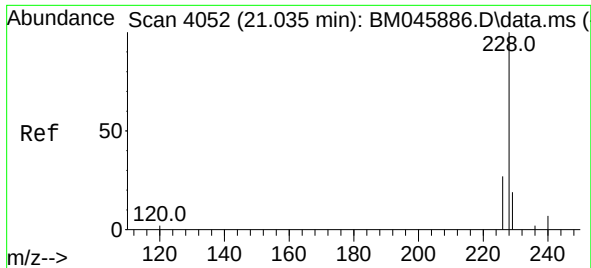
Delta R.T. -0.003 min

Lab File: BM045900.D

Acq: 08 Jun 2024 03:13

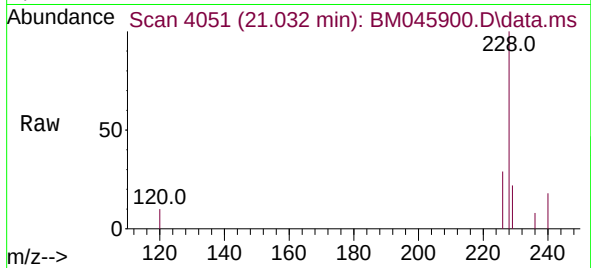
Tgt Ion:	202	Resp:	23794
Ion Ratio	Lower	Upper	
202	100		
101	12.8	10.6	16.0
100	10.7	9.1	13.7





#21
Benzo(a)anthracene
Concen: 0.156 ng/ul
RT: 21.032 min Scan# 4051
Delta R.T. -0.003 min
Lab File: BM045900.D
Acq: 08 Jun 2024 03:13

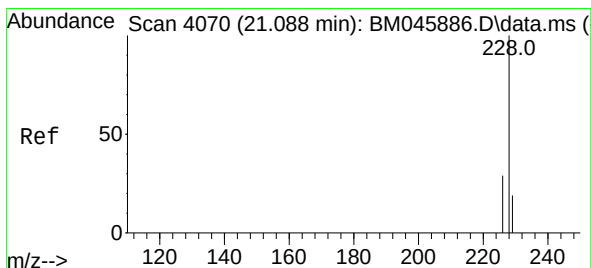
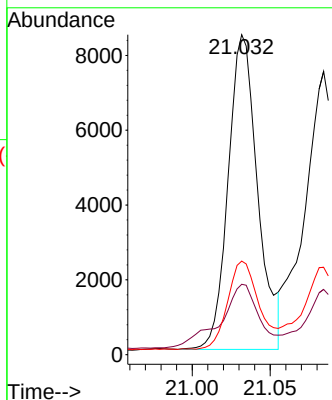
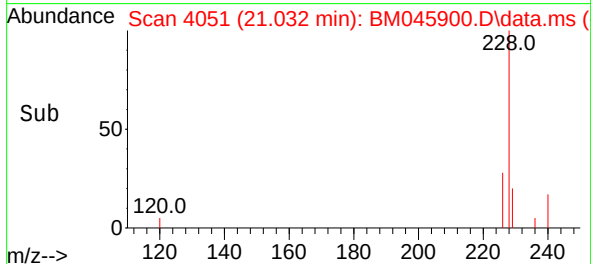
Instrument :
BNA_M
ClientSampleId :
A4C31DL



Tgt Ion:228 Resp: 1108
Ion Ratio Lower Upper
228 100
229 22.0 15.7 23.5
226 29.3 22.0 33.0

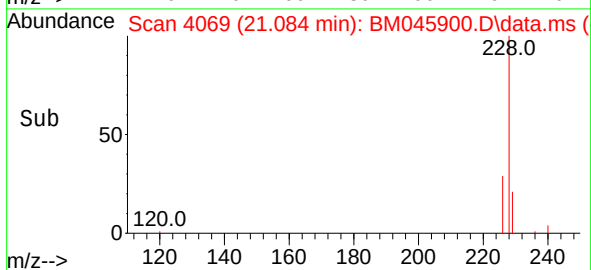
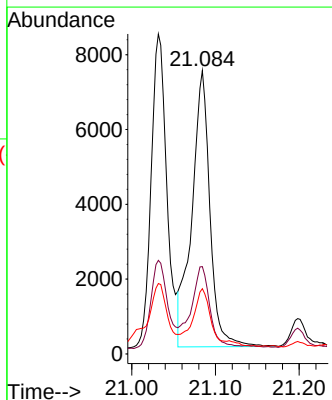
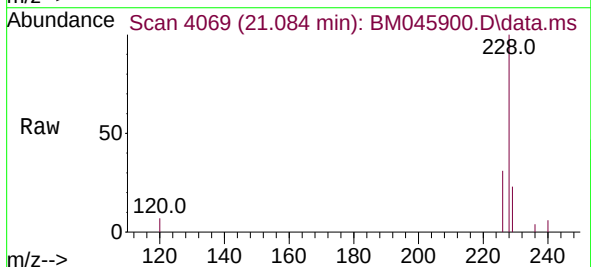
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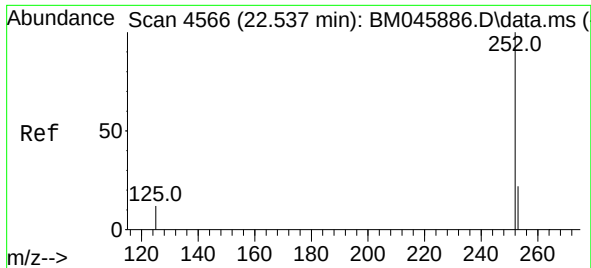
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 0.144 ng/ul
RT: 21.084 min Scan# 4069
Delta R.T. -0.004 min
Lab File: BM045900.D
Acq: 08 Jun 2024 03:13

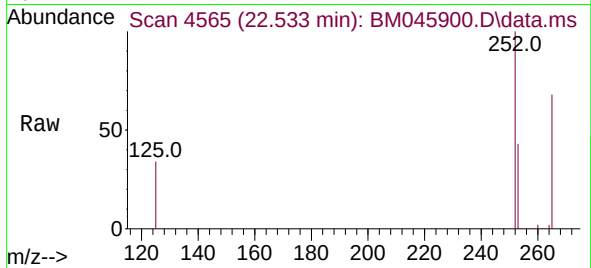
Tgt Ion:228 Resp: 11123
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 23.0 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.193 ng/ul m
RT: 22.533 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BM045900.D
Acq: 08 Jun 2024 03:13

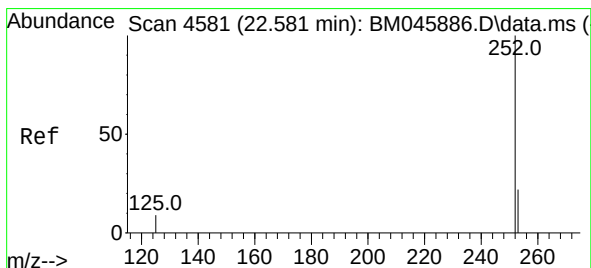
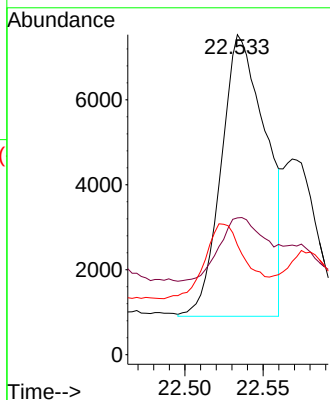
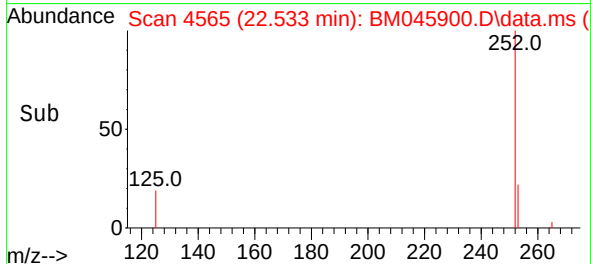
Instrument :
BNA_M
ClientSampleId :
A4C31DL



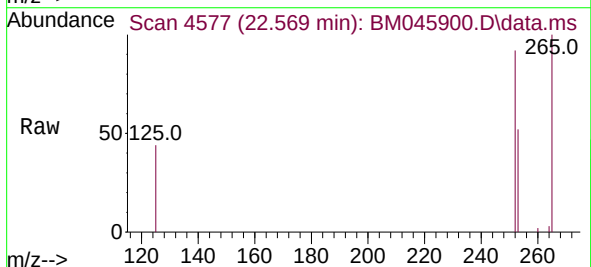
Tgt Ion:252 Resp: 13119
Ion Ratio Lower Upper
252 100
253 42.7 0.0 63.6
125 34.3 0.0 35.8

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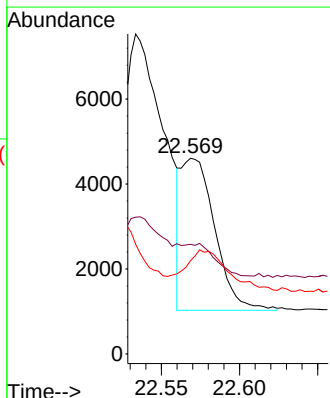
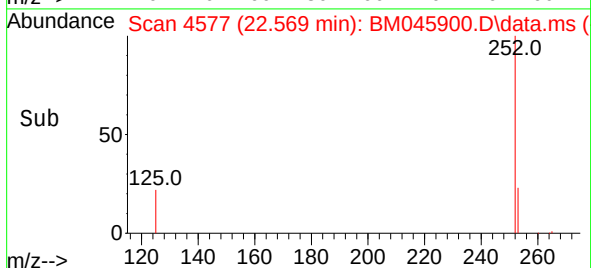
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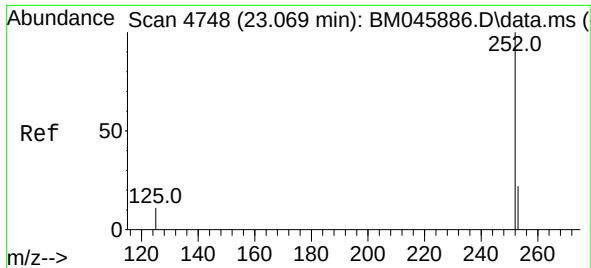


#25
Benzo(k)fluoranthene
Concen: 0.072 ng/ul m
RT: 22.569 min Scan# 4577
Delta R.T. -0.012 min
Lab File: BM045900.D
Acq: 08 Jun 2024 03:13



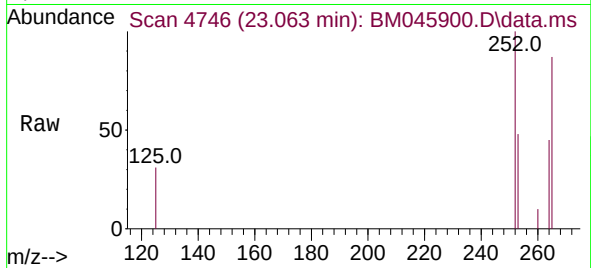
Tgt Ion:252 Resp: 5387
Ion Ratio Lower Upper
252 100
253 56.0 25.0 37.6#
125 47.7 14.2 21.2#





#26
Benzo(a)pyrene
Concen: 0.133 ng/ul
RT: 23.063 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM045900.D
Acq: 08 Jun 2024 03:13

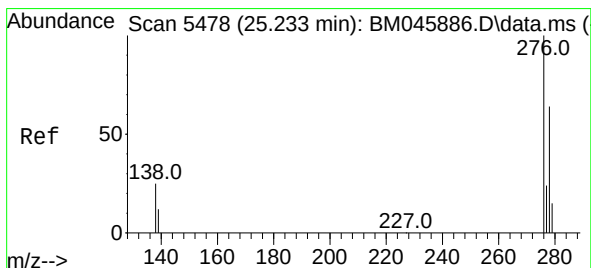
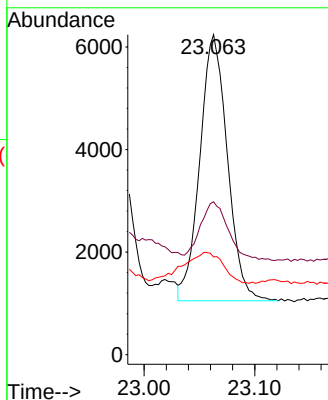
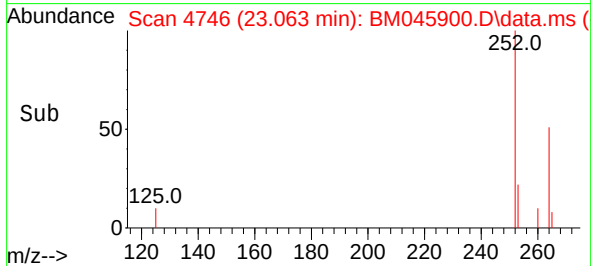
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BNA_M
ClientSampleId :
A4C31DL



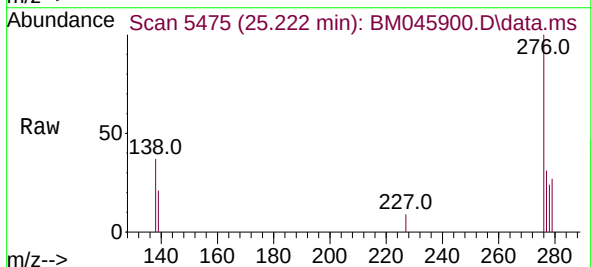
Tgt Ion:252 Resp: 897
Ion Ratio Lower Upper
252 100
253 47.8 28.8 43.2
125 30.5 17.3 25.9

Manual Integrations
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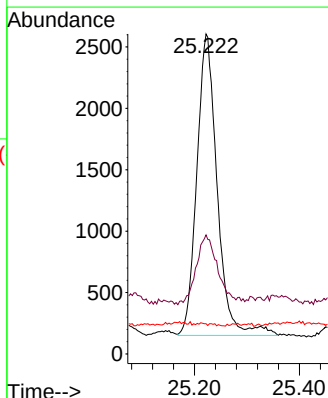
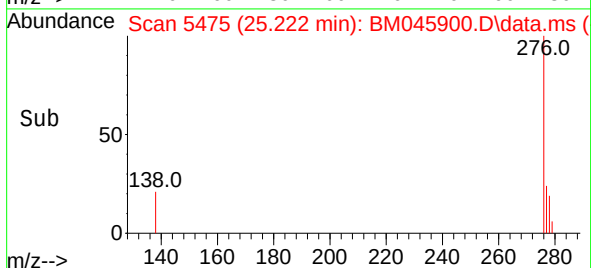
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Supervised By :mohammad ahmed 06/13/2024

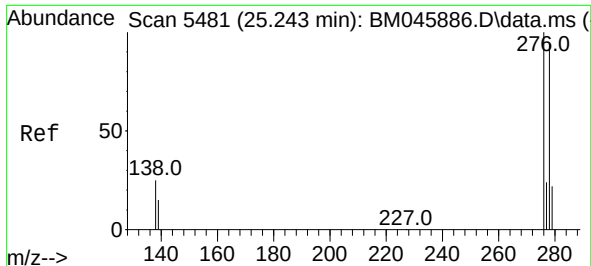


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.076 ng/ul
RT: 25.222 min Scan# 5475
Delta R.T. -0.010 min
Lab File: BM045900.D
Acq: 08 Jun 2024 03:13



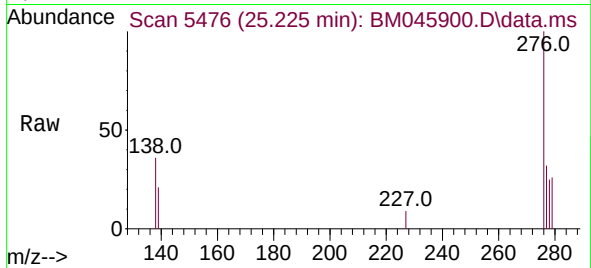
Tgt Ion:276 Resp: 6605
Ion Ratio Lower Upper
276 100
138 25.0 20.7 31.1
227 0.3 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.022 ng/ul
RT: 25.225 min Scan# 5481
Delta R.T. -0.024 min
Lab File: BM045900.D
Acq: 08 Jun 2024 03:13

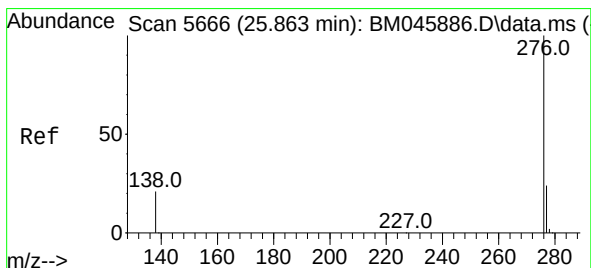
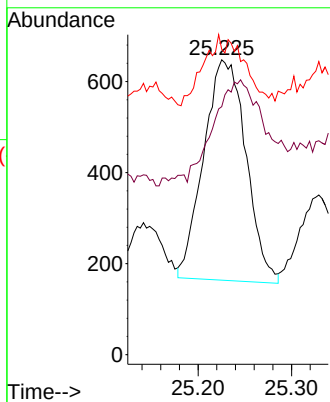
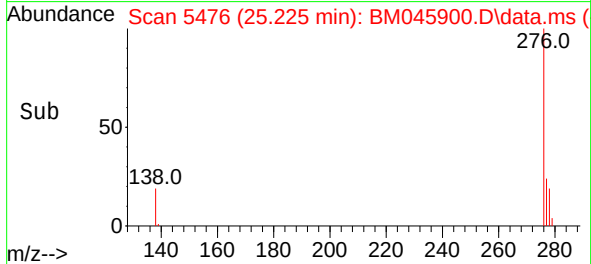
Instrument :
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Tgt Ion:278 Resp: 1520
Ion Ratio Lower Upper
278 100
139 84.1 16.6 25.0#
279 103.5 24.6 37.0#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.091 ng/ul
RT: 25.856 min Scan# 5664
Delta R.T. -0.007 min
Lab File: BM045900.D
Acq: 08 Jun 2024 03:13

Tgt Ion:276 Resp: 6818
Ion Ratio Lower Upper
276 100
138 36.5 21.0 31.4#
277 31.4 20.5 30.7#

