

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041876.D
 Acq On : 14 Sep 2023 22:30
 Operator : MA/JU
 Sample : 04175-14DL 5X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYC9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 02:18:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 13 16:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	9656	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	26346	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.620	164	13778	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	27233	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	10875	0.400	ng/ul	# 0.00
23) Perylene-d12	23.968	264	10386	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	3715	0.302	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	1149	0.032	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	1280	0.034	ng/ul	0.00
Target Compounds					Qvalue	
7) 2-Methylnaphthalene	12.445	142	1667	0.031	ng/ul	95
8) 1-Methylnaphthalene	12.665	142	1676	0.031	ng/ul	100
15) Phenanthrene	17.413	178	39216	0.330	ng/ul	99
16) Anthracene	17.506	178	4070	0.039	ng/ul#	89
19) Fluoranthene	19.422	202	49978	0.593	ng/ul	99
20) Pyrene	19.789	202	38578	0.437	ng/ul	99
21) Benzo(a)anthracene	21.524	228	11103	0.155	ng/ul#	77
22) Chrysene	21.580	228	13381	0.182	ng/ul#	75
24) Benzo(b)fluoranthene	23.219	252	12748	0.172	ng/ul#	5
25) Benzo(k)fluoranthene	23.266	252	4280m	0.063	ng/ul	
26) Benzo(a)pyrene	23.857	252	6549	0.116	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.471	276	6431	0.074	ng/ul#	88
29) Benzo(g,h,i)perylene	27.263	276	7346	0.100	ng/ul#	47

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

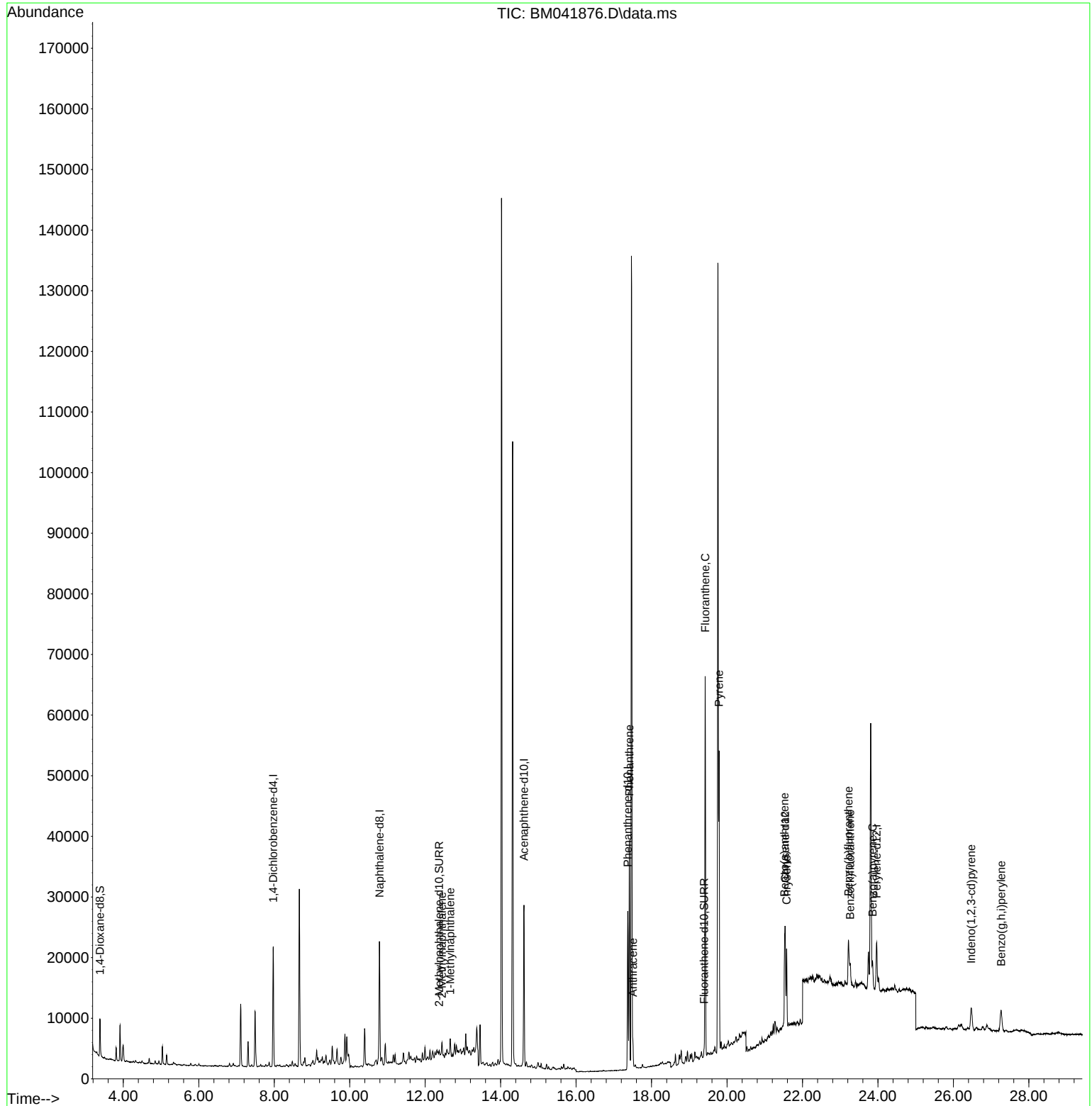
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041876.D
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ALS Vial : 54 Sample Multiplier: 1

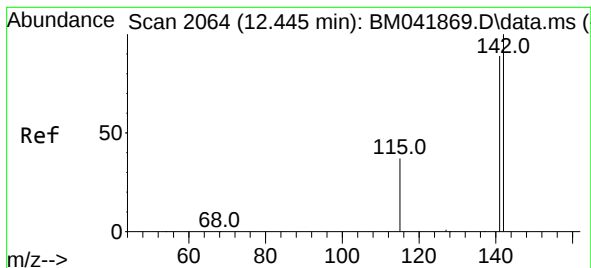
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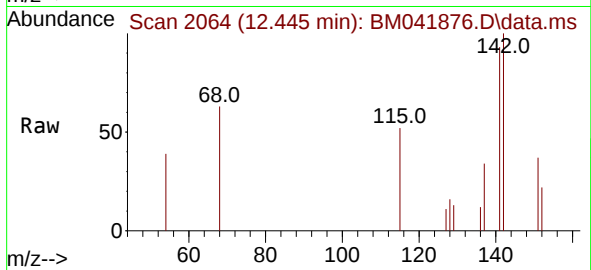
Quant Time: Sep 15 02:18:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 13 16:15:23 2023
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#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BM041876.D
Acq: 14 Sep 2023 22:30

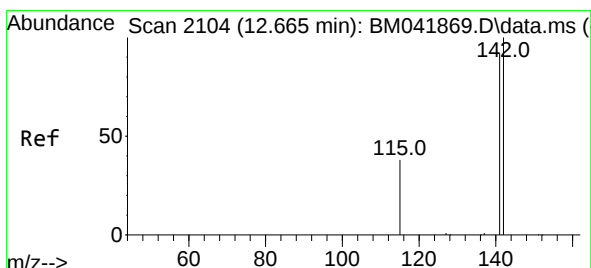
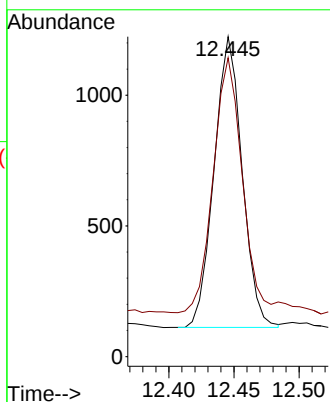
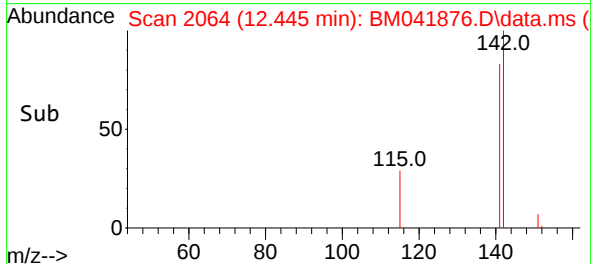
Instrument :
BNA_M
ClientSampleId :
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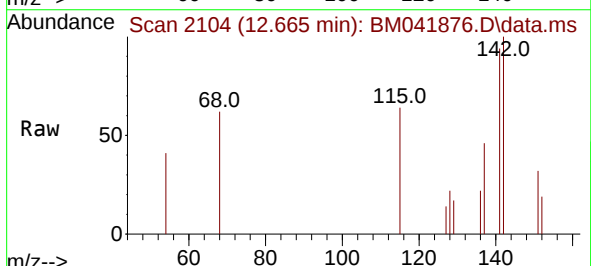
Tgt Ion:142 Resp: 166
Ion Ratio Lower Upper
142 100
141 94.4 72.1 108.1

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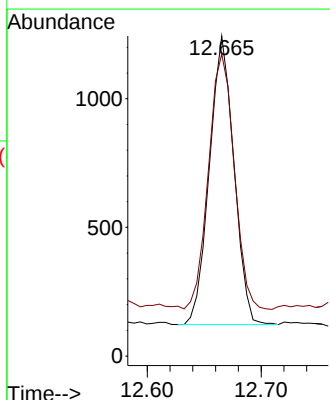
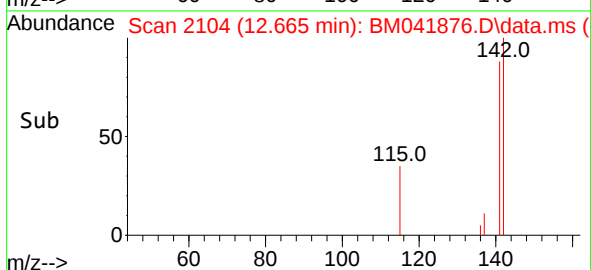
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

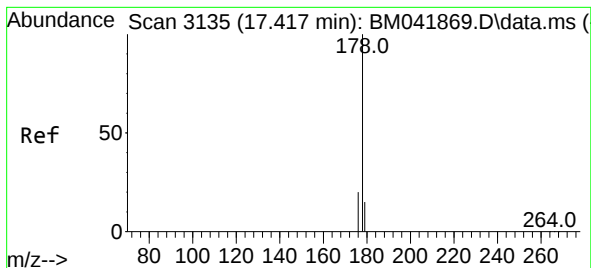


#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM041876.D
Acq: 14 Sep 2023 22:30



Tgt Ion:142 Resp: 1676
Ion Ratio Lower Upper
142 100
141 92.5 74.3 111.5





#15

Phenanthrene

Concen: 0.330 ng/ul

RT: 17.413 min Scan# 3135

Delta R.T. 0.004 min

Lab File: BM041876.D

Acq: 14 Sep 2023 22:30

Instrument :

BNA_M

ClientSampleId :

EZYC9DL

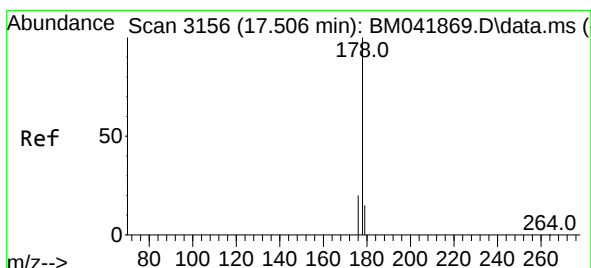
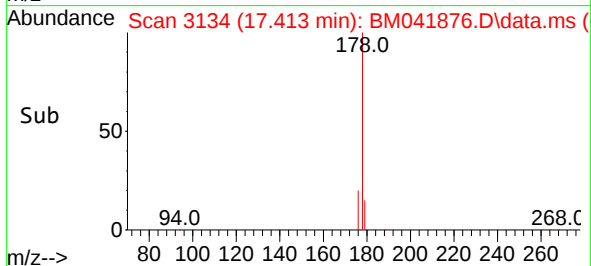
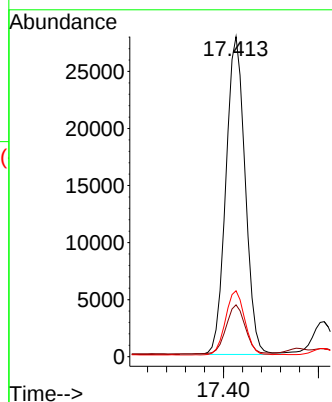
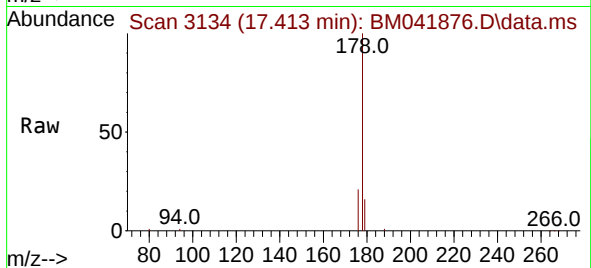
Tgt Ion:178	Resp:	39210
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.6 19.0
176	20.6	16.6 25.0

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#16

Anthracene

Concen: 0.039 ng/ul

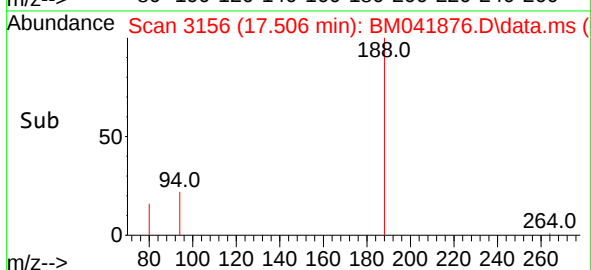
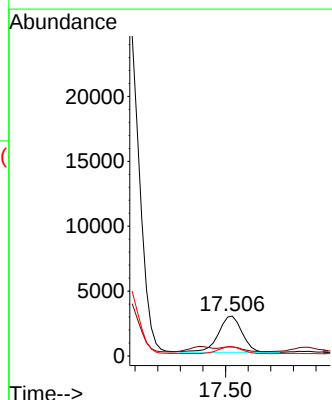
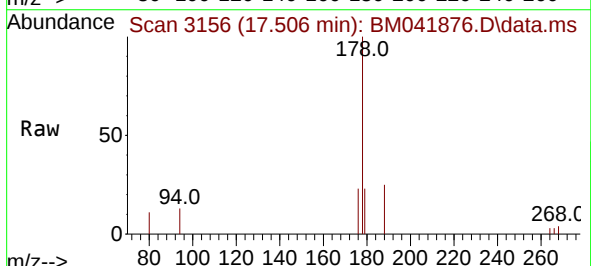
RT: 17.506 min Scan# 3156

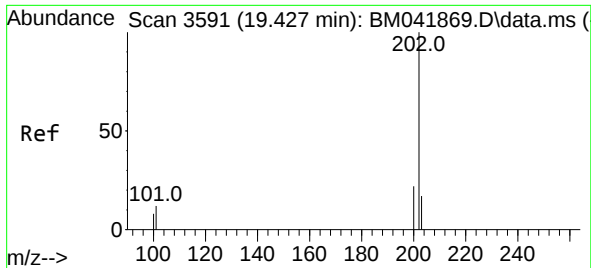
Delta R.T. 0.004 min

Lab File: BM041876.D

Acq: 14 Sep 2023 22:30

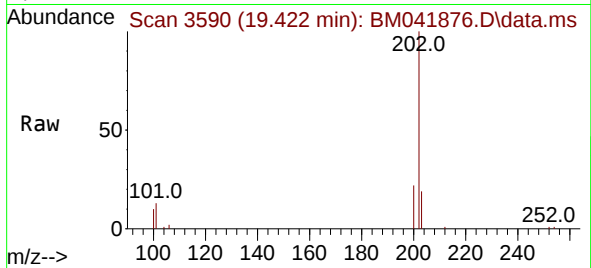
Tgt Ion:178	Resp:	4070
Ion Ratio	Lower	Upper
178	100	
179	22.6	12.7 19.1#
176	23.1	16.1 24.1





#19
Fluoranthene
Concen: 0.593 ng/u1
RT: 19.422 min Scan# 3590
Delta R.T. 0.005 min
Lab File: BM041876.D
Acq: 14 Sep 2023 22:30

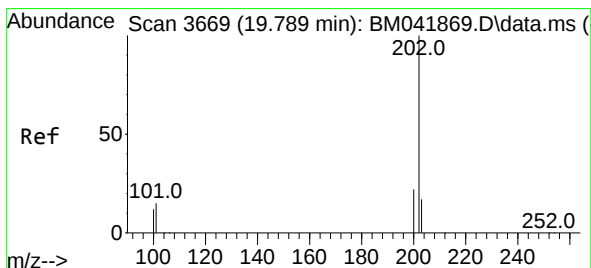
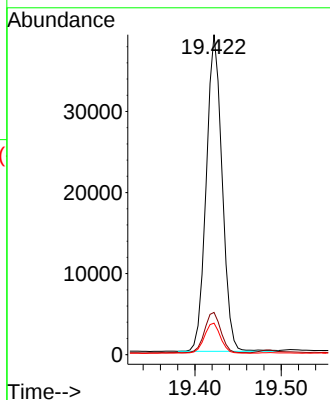
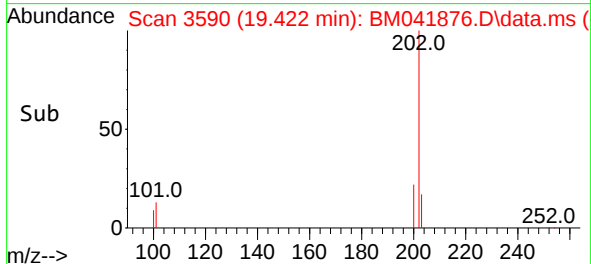
Instrument :
BNA_M
ClientSampleId :
EZYC9DL



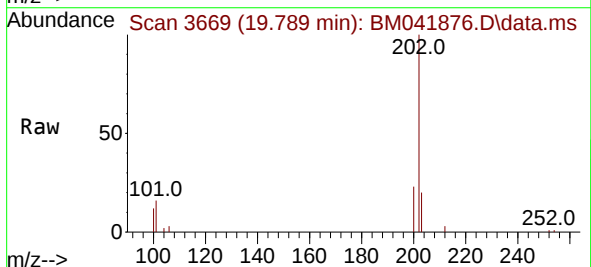
Tgt Ion:202 Resp: 49978
Ion Ratio Lower Upper
202 100
101 13.2 11.0 16.6
100 9.9 8.2 12.4

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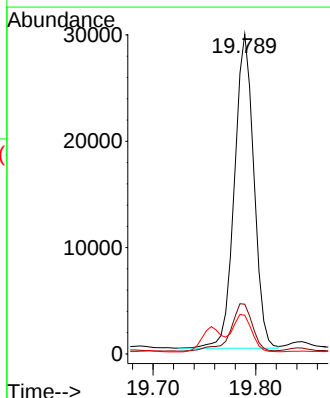
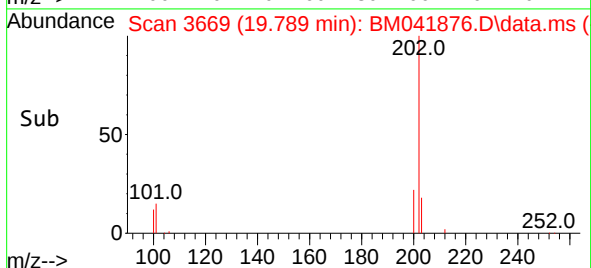
Reviewed By :Yogesh Patel 09/15/2023
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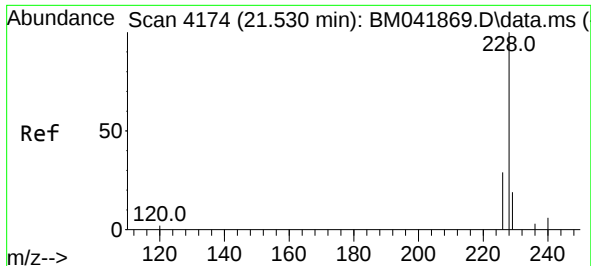


#20
Pyrene
Concen: 0.437 ng/u1
RT: 19.789 min Scan# 3669
Delta R.T. 0.005 min
Lab File: BM041876.D
Acq: 14 Sep 2023 22:30



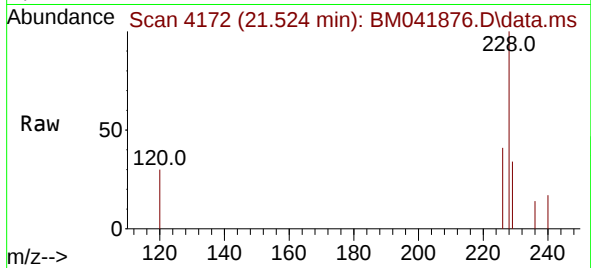
Tgt Ion:202 Resp: 38578
Ion Ratio Lower Upper
202 100
101 15.6 12.6 19.0
100 12.1 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.155 ng/u1
RT: 21.524 min Scan# 4174
Delta R.T. 0.003 min
Lab File: BM041876.D
Acq: 14 Sep 2023 22:30

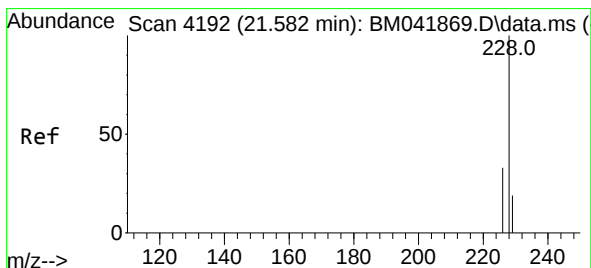
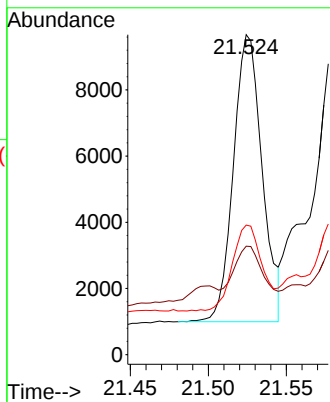
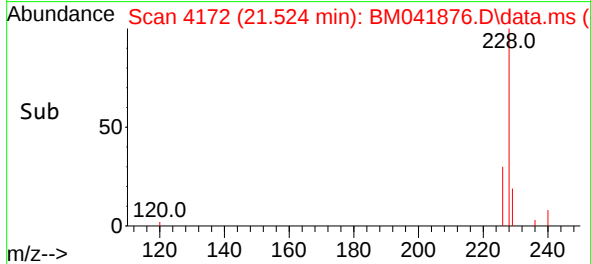
Instrument :
BNA_M
ClientSampleId :
EZYC9DL



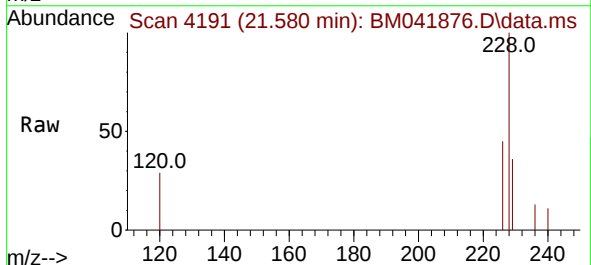
Tgt Ion:228 Resp: 1110
Ion Ratio Lower Upper
228 100
229 33.9 15.8 23.8#
226 40.5 24.3 36.5#

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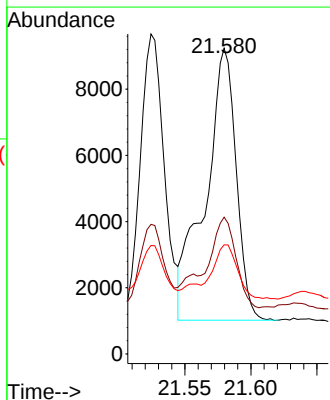
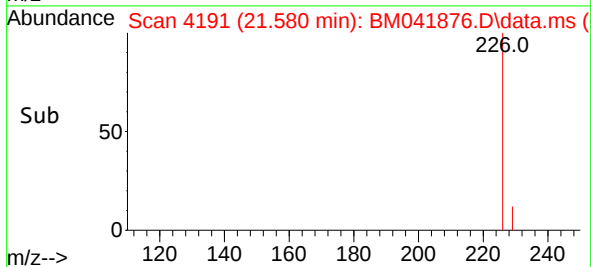
Reviewed By :Yogesh Patel 09/15/2023
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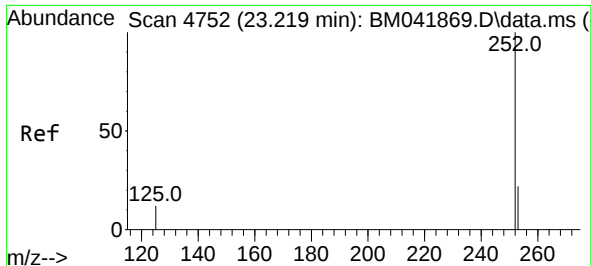


#22
Chrysene
Concen: 0.182 ng/u1
RT: 21.580 min Scan# 4191
Delta R.T. 0.003 min
Lab File: BM041876.D
Acq: 14 Sep 2023 22:30



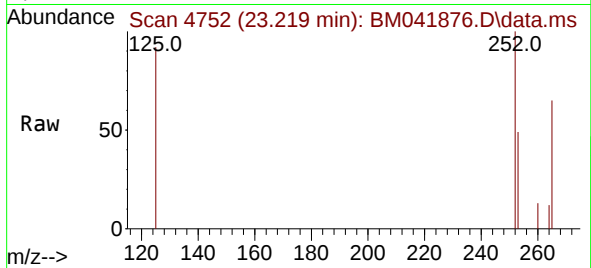
Tgt Ion:228 Resp: 13381
Ion Ratio Lower Upper
228 100
226 44.8 27.0 40.4#
229 35.7 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.172 ng/ul
RT: 23.219 min Scan# 4752
Delta R.T. 0.012 min
Lab File: BM041876.D
Acq: 14 Sep 2023 22:30

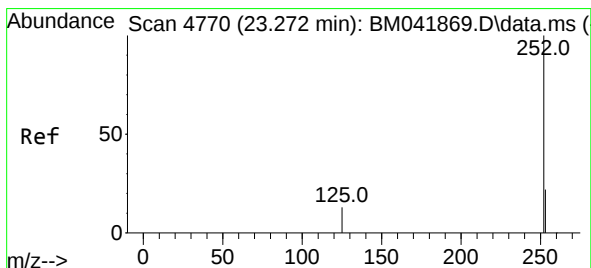
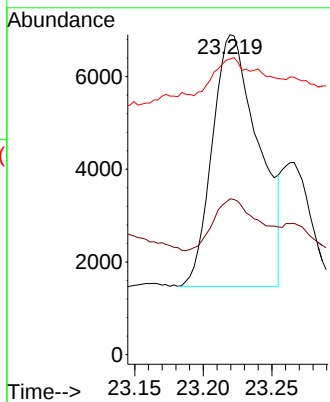
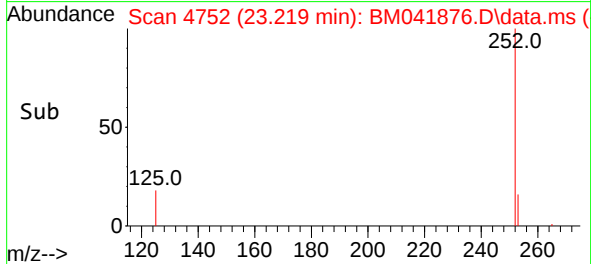
Instrument :
BNA_M
ClientSampleId :
EZYC9DL



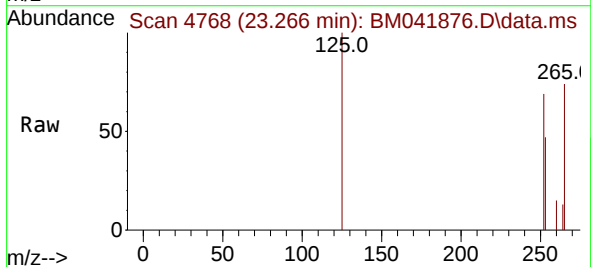
Tgt Ion:252 Resp: 12748
Ion Ratio Lower Upper
252 100
253 48.7 0.0 51.0
125 92.4 0.0 39.8

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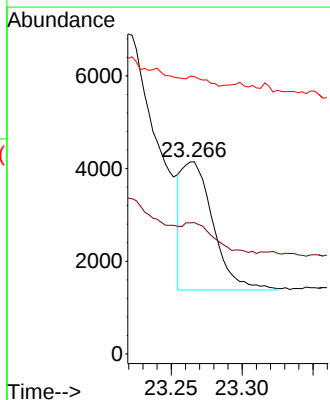
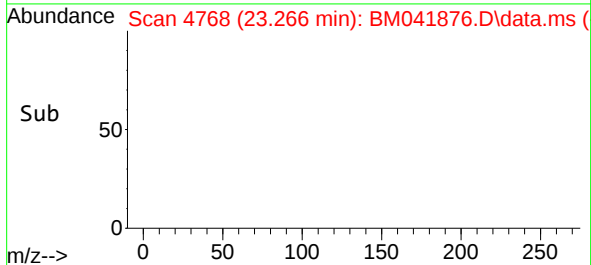
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

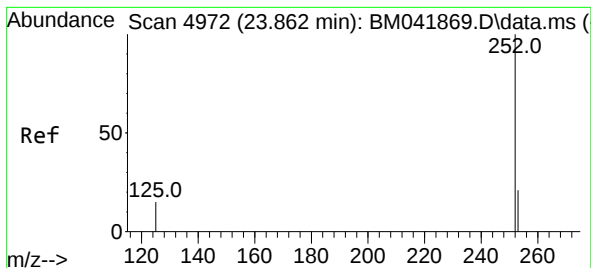


#25
Benzo(k)fluoranthene
Concen: 0.063 ng/ul m
RT: 23.266 min Scan# 4768
Delta R.T. 0.006 min
Lab File: BM041876.D
Acq: 14 Sep 2023 22:30



Tgt Ion:252 Resp: 4280
Ion Ratio Lower Upper
252 100
253 68.4 20.2 30.2#
125 144.5 15.8 23.8#





#26

Benzo(a)pyrene

Concen: 0.116 ng/ul

RT: 23.857 min Scan# 4970

Delta R.T. 0.012 min

Lab File: BM041876.D

Acq: 14 Sep 2023 22:30

Instrument :

BNA_M

ClientSampleId :

EZYC9DL

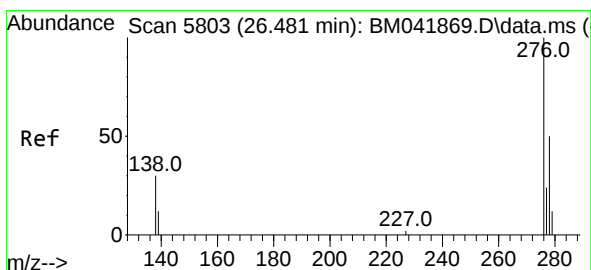
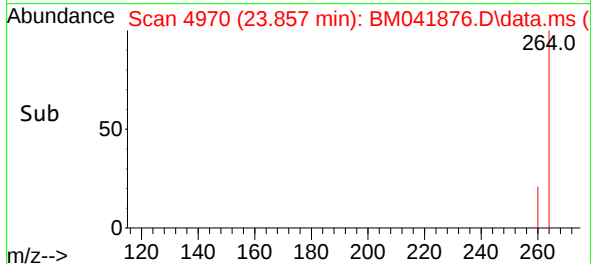
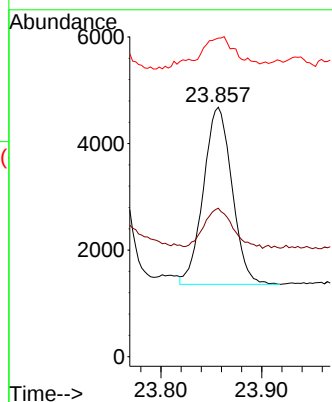
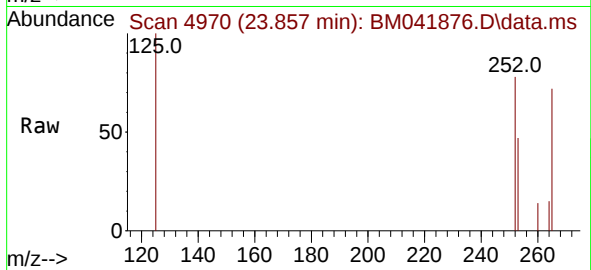
Tgt Ion:	252	Resp:	6549
Ion Ratio	Lower	Upper	
252	100		
253	59.5	21.8	32.8
125	127.7	18.8	28.2

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.074 ng/ul

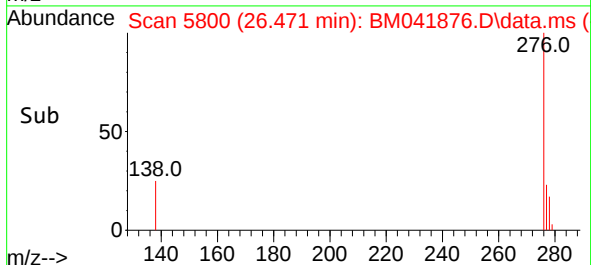
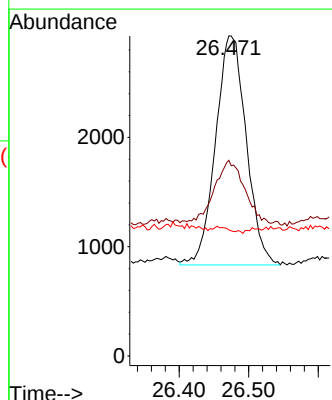
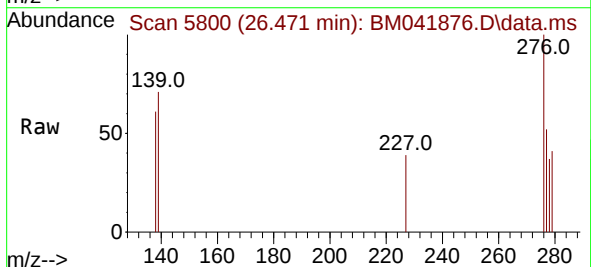
RT: 26.471 min Scan# 5800

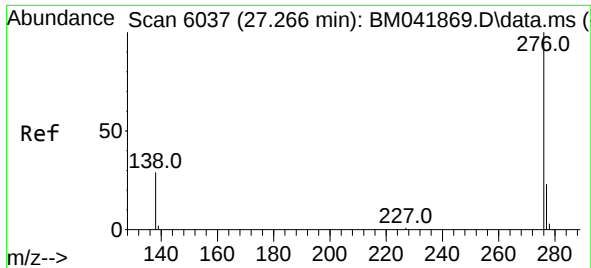
Delta R.T. 0.017 min

Lab File: BM041876.D

Acq: 14 Sep 2023 22:30

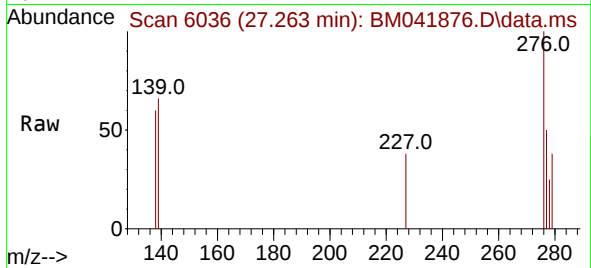
Tgt Ion:	276	Resp:	6431
Ion Ratio	Lower	Upper	
276	100		
138	27.4	27.7	41.5
227	1.4	0.1	0.1





#29
Benzo(g,h,i)perylene
Concen: 0.100 ng/ul
RT: 27.263 min Scan# 6037
Delta R.T. 0.027 min
Lab File: BM041876.D
Acq: 14 Sep 2023 22:30

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 276 Resp: 7340
Ion Ratio Lower Upper
276 100
138 60.5 24.7 37.1
277 50.3 19.3 28.9

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