

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
 Data File : BM041525.D
 Acq On : 28 Aug 2023 17:12
 Operator : MA/JU
 Sample : 03968-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A48N8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 28 19:16:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 15:20:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	10377	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	28797	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	14145	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	26504	0.400	ng/ul	0.00
17) Chrysene-d12	21.696	240	9706	0.400	ng/ul	0.00
23) Perylene-d12	24.263	264	10336	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.444	96	50747	3.933	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	6887	0.181	ng/ul	0.00
18) Fluoranthene-d10	19.529	212	10035	0.253	ng/ul	0.00
Target Compounds					Qvalue	
10) Acenaphthylene	14.481	152	2720	0.029	ng/ul#	90
15) Phenanthrene	17.548	178	21654	0.199	ng/ul	99
16) Anthracene	17.641	178	4795	0.048	ng/ul#	96
19) Fluoranthene	19.557	202	63786	0.709	ng/ul	99
20) Pyrene	19.924	202	59885m	0.658	ng/ul	
21) Benzo(a)anthracene	21.679	228	20251	0.293	ng/ul	97
22) Chrysene	21.734	228	22525	0.329	ng/ul	97
24) Benzo(b)fluoranthene	23.465	252	29039	0.442	ng/ul	94
25) Benzo(k)fluoranthene	23.520	252	10620m	0.165	ng/ul	
26) Benzo(a)pyrene	24.146	252	19668	0.331	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.971	276	14502	0.182	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.994	278	3063	0.053	ng/ul#	58
29) Benzo(g,h,i)perylene	27.823	276	13498	0.202	ng/ul	96

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

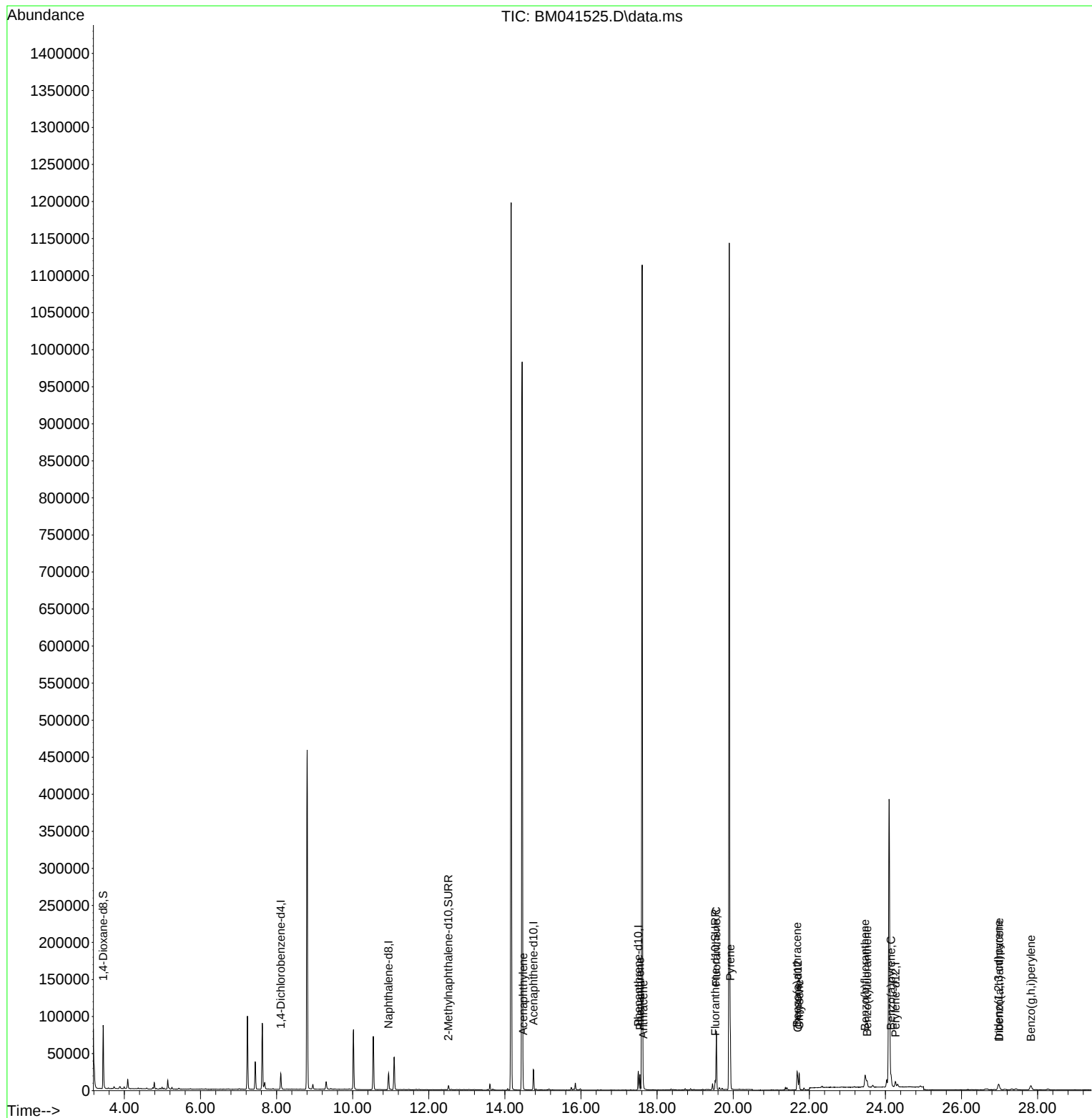
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
Data File : BM041525.D
Acq On : 28 Aug 2023 17:12
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ALS Vial : 11 Sample Multiplier: 1

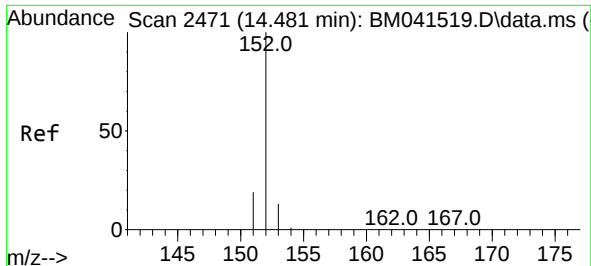
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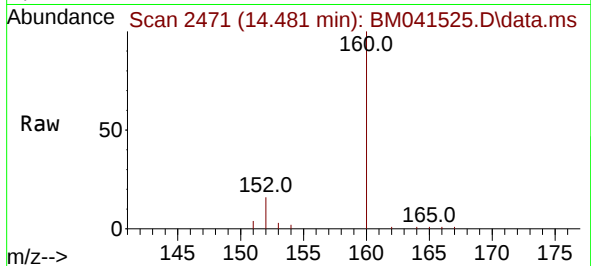
Quant Time: Aug 28 19:16:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 15:20:06 2023
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#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. -0.000 min
Lab File: BM041525.D
Acq: 28 Aug 2023 17:12

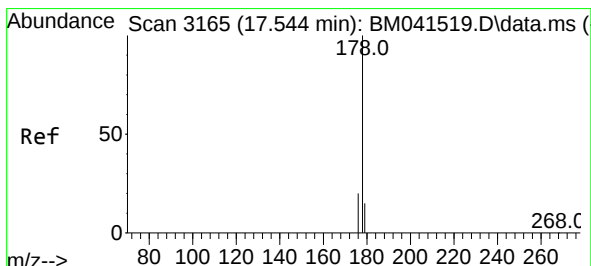
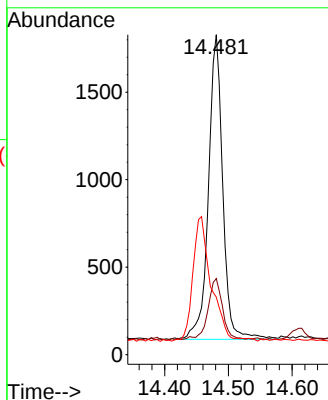
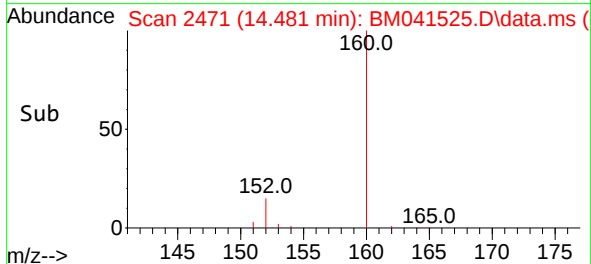
Instrument :
BNA_M
ClientSampleId :
A48N8



Tgt Ion:152 Resp: 2720
Ion Ratio Lower Upper
152 100
151 23.8 15.7 23.5
153 18.0 10.5 15.7

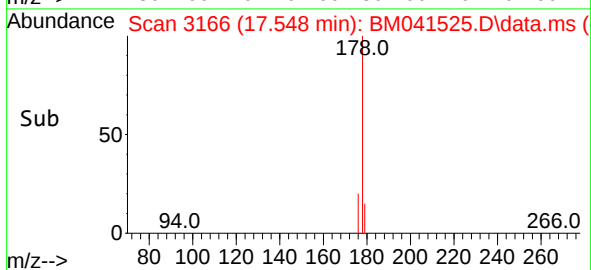
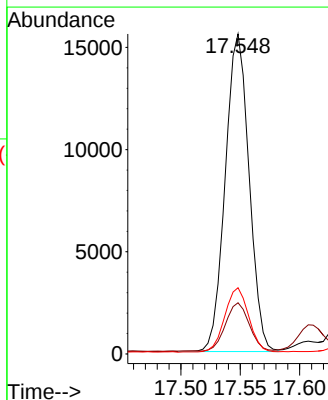
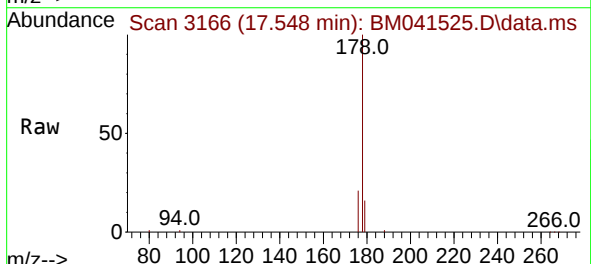
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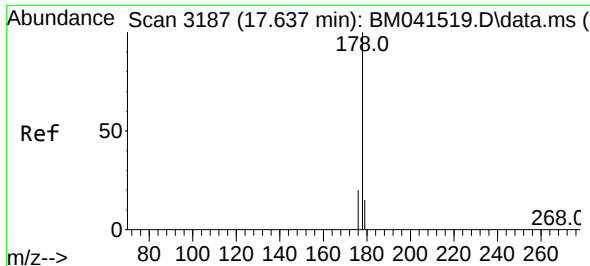
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#15
Phenanthrene
Concen: 0.199 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.004 min
Lab File: BM041525.D
Acq: 28 Aug 2023 17:12

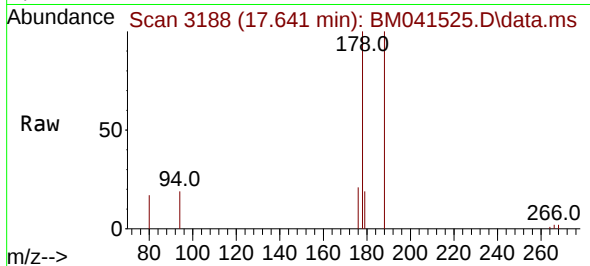
Tgt Ion:178 Resp: 21654
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 20.7 16.3 24.5





#16
 Anthracene
 Concen: 0.048 ng/u1
 RT: 17.641 min Scan# 3188
 Delta R.T. 0.004 min
 Lab File: BM041525.D
 Acq: 28 Aug 2023 17:12

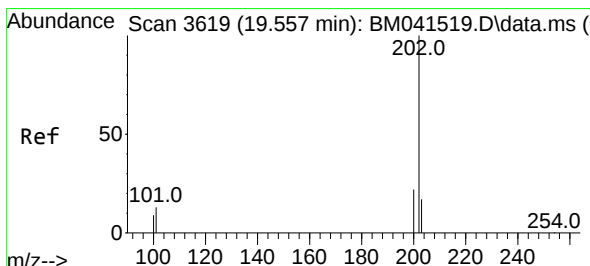
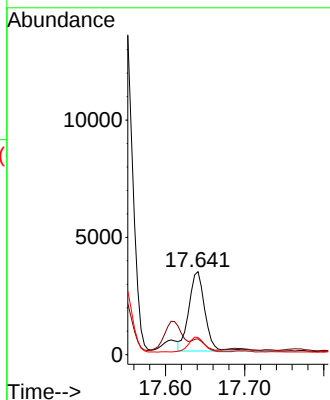
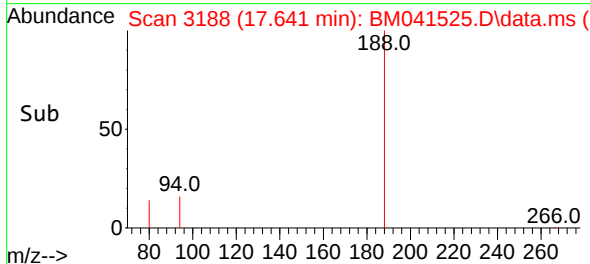
Instrument :
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Tgt Ion:178 Resp: 4795
 Ion Ratio Lower Upper
 178 100
 179 19.1 12.6 19.0
 176 20.6 15.9 23.9

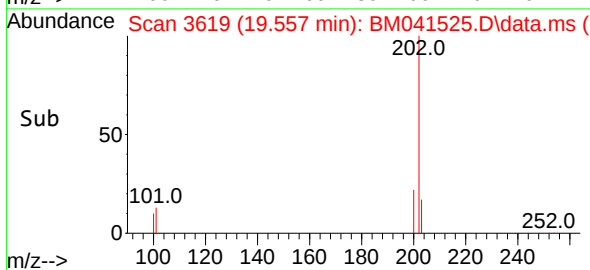
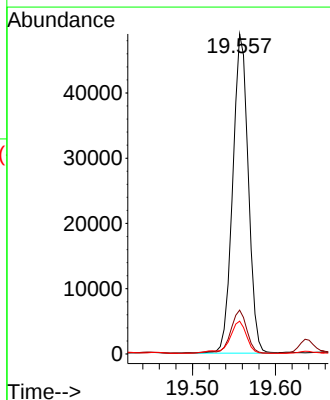
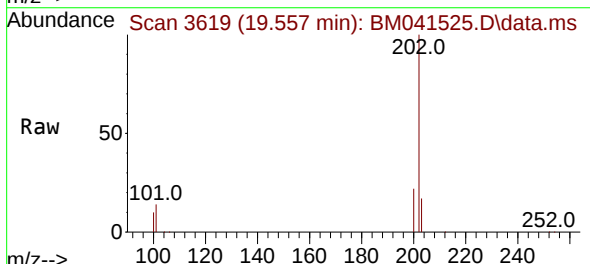
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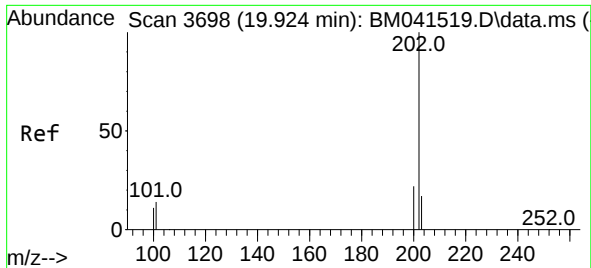
Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023



#19
 Fluoranthene
 Concen: 0.709 ng/u1
 RT: 19.557 min Scan# 3619
 Delta R.T. -0.000 min
 Lab File: BM041525.D
 Acq: 28 Aug 2023 17:12

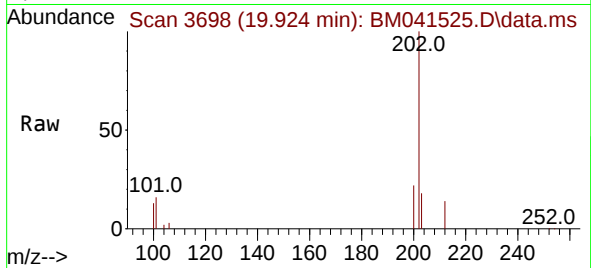
Tgt Ion:202 Resp: 63786
 Ion Ratio Lower Upper
 202 100
 101 13.7 10.5 15.7
 100 10.2 7.8 11.6





#20
Pyrene
Concen: 0.658 ng/ul m
RT: 19.924 min Scan# 3698
Delta R.T. -0.000 min
Lab File: BM041525.D
Acq: 28 Aug 2023 17:12

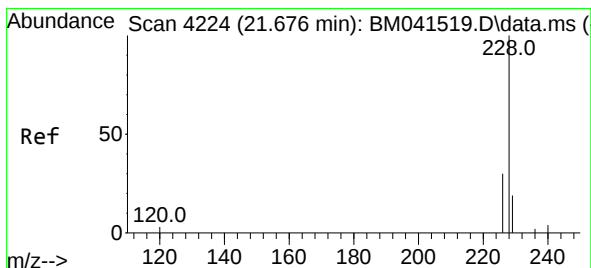
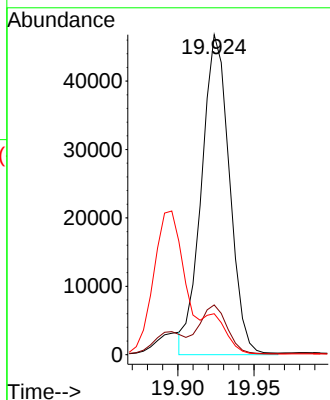
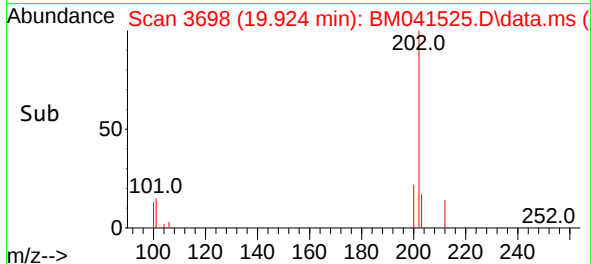
Instrument :
BNA_M
ClientSampleId :
A48N8



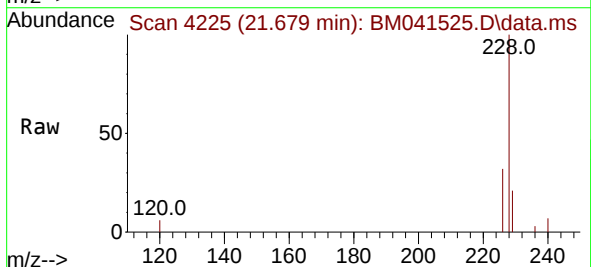
Tgt Ion:202 Resp: 5988
Ion Ratio Lower Upper
202 100
101 15.6 11.6 17.4
100 12.8 9.1 13.7

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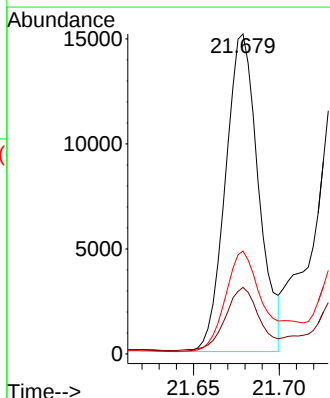
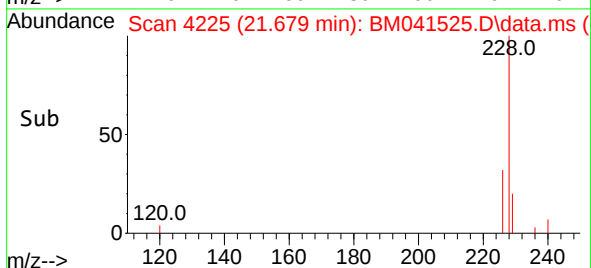
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

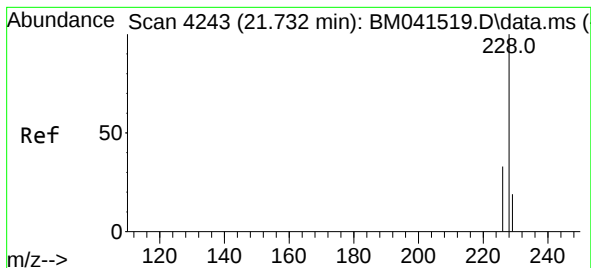


#21
Benzo(a)anthracene
Concen: 0.293 ng/ul
RT: 21.679 min Scan# 4225
Delta R.T. 0.003 min
Lab File: BM041525.D
Acq: 28 Aug 2023 17:12



Tgt Ion:228 Resp: 20251
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 32.2 24.0 36.0





#22

Chrysene

Concen: 0.329 ng/ul

RT: 21.734 min Scan# 41

Delta R.T. 0.003 min

Lab File: BM041525.D

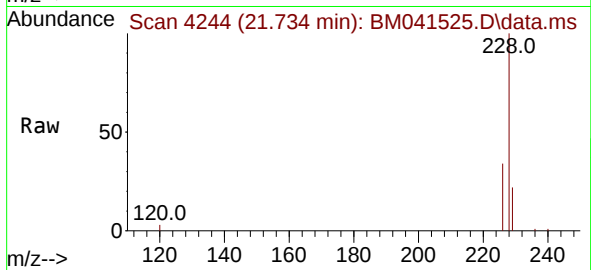
Acq: 28 Aug 2023 17:12

Instrument :

BNA_M

ClientSampleId :

A48N8



Tgt Ion:228 Resp: 2252

Ion Ratio Lower Upper

228 100

226 34.1 26.3 39.5

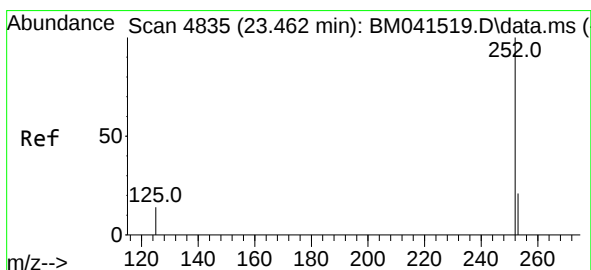
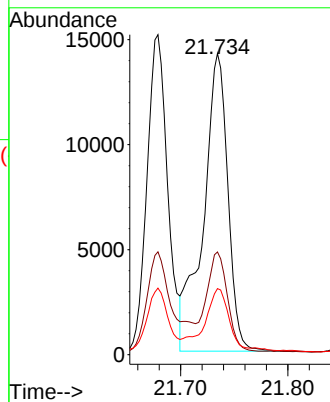
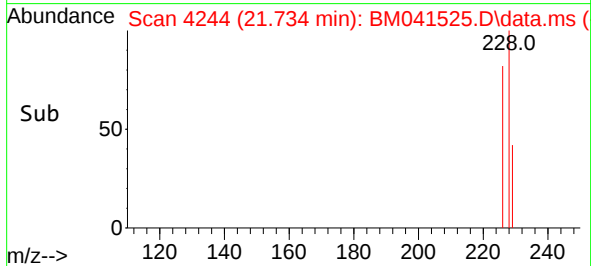
229 21.9 15.4 23.2

Manual Integrations

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Supervised By :mohammad ahmed 08/29/2023



#24

Benzo(b)fluoranthene

Concen: 0.442 ng/ul

RT: 23.465 min Scan# 4836

Delta R.T. 0.003 min

Lab File: BM041525.D

Acq: 28 Aug 2023 17:12

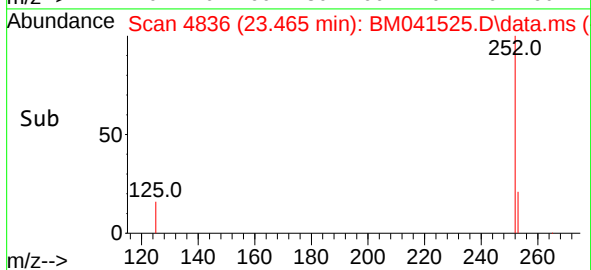
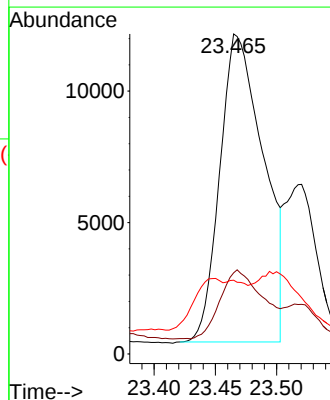
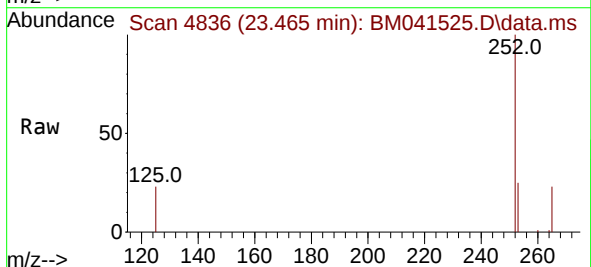
Tgt Ion:252 Resp: 29039

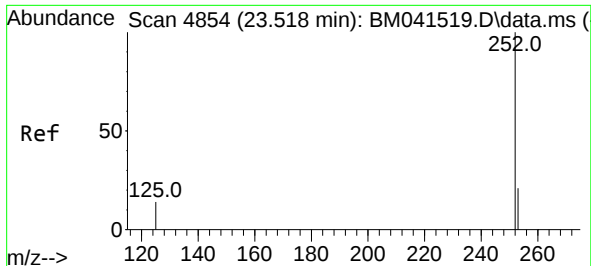
Ion Ratio Lower Upper

252 100

253 25.3 0.0 47.0

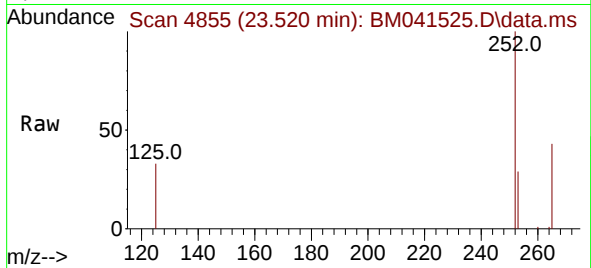
125 23.0 0.0 37.2





#25
Benzo(k)fluoranthene
Concen: 0.165 ng/ul m
RT: 23.520 min Scan# 4854
Delta R.T. 0.003 min
Lab File: BM041525.D
Acq: 28 Aug 2023 17:12

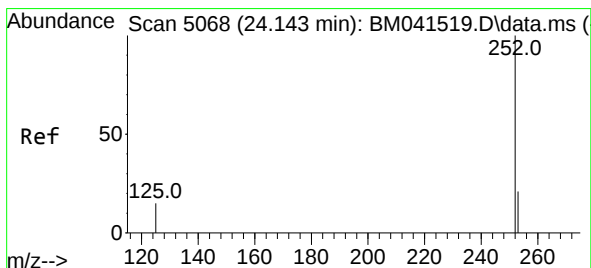
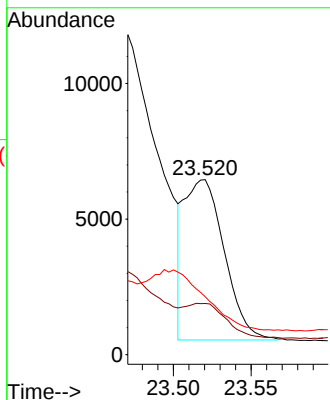
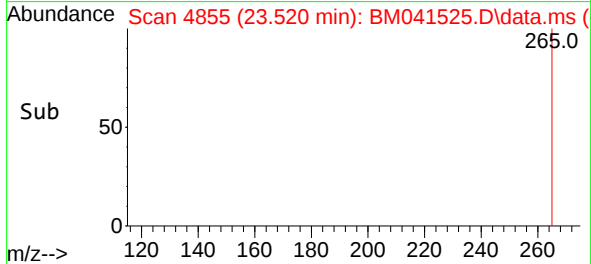
Instrument :
BNA_M
ClientSampleId :
A48N8



Tgt Ion:252 Resp: 10620
Ion Ratio Lower Upper
252 100
253 29.3 19.3 28.9
125 33.1 15.0 22.4

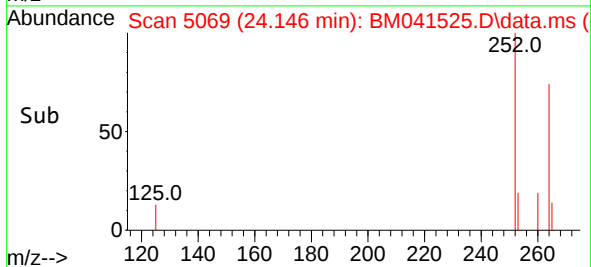
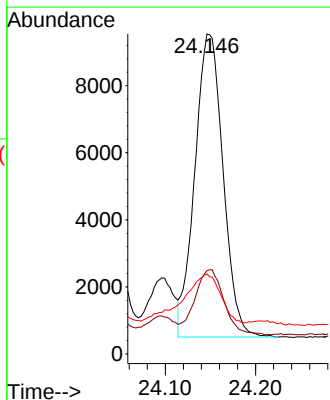
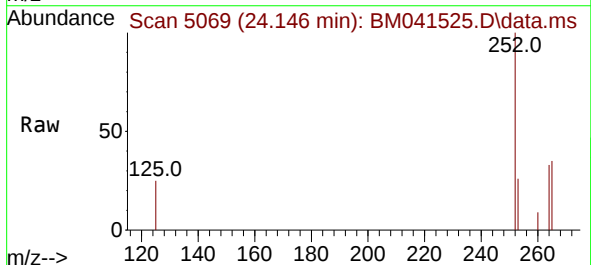
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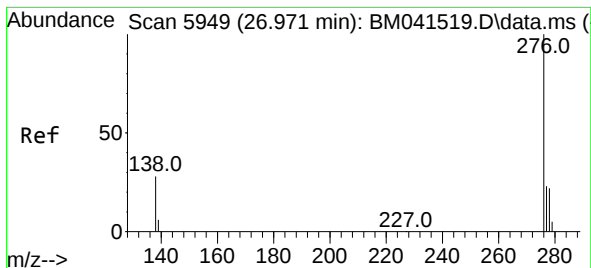
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#26
Benzo(a)pyrene
Concen: 0.331 ng/ul
RT: 24.146 min Scan# 5069
Delta R.T. 0.003 min
Lab File: BM041525.D
Acq: 28 Aug 2023 17:12

Tgt Ion:252 Resp: 19668
Ion Ratio Lower Upper
252 100
253 26.0 20.0 30.0
125 25.0 17.1 25.7





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.182 ng/ul

RT: 26.971 min Scan# 5949

Delta R.T. -0.000 min

Lab File: BM041525.D

Acq: 28 Aug 2023 17:12

Instrument :

BNA_M

ClientSampleId :

A48N8

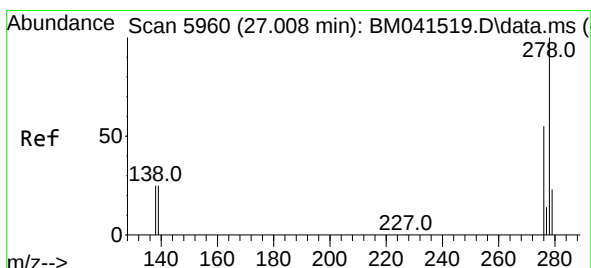
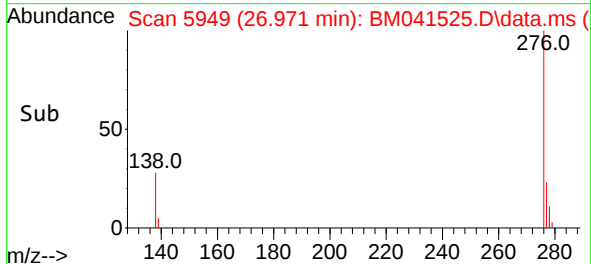
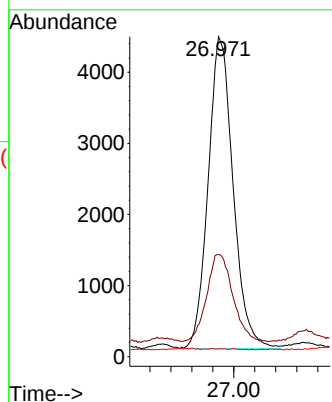
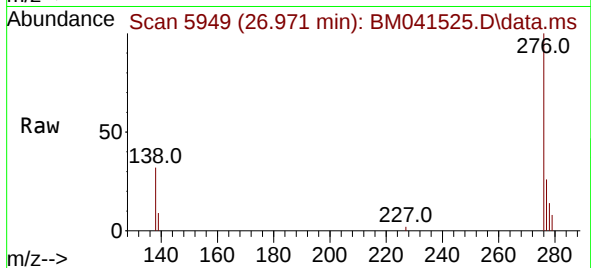
Tgt Ion:	276	Resp:	1450
Ion Ratio	Lower	Upper	
276	100		
138	29.2	27.3	40.9
227	0.1	0.0	0.0

Manual Integrations

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Supervised By :mohammad ahmed 08/29/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.053 ng/ul

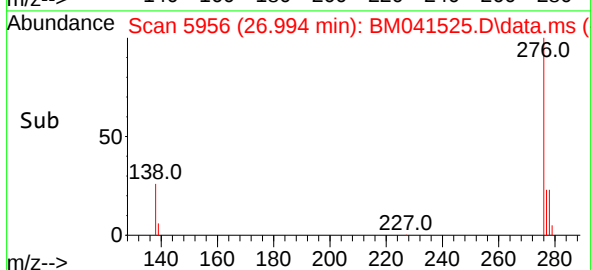
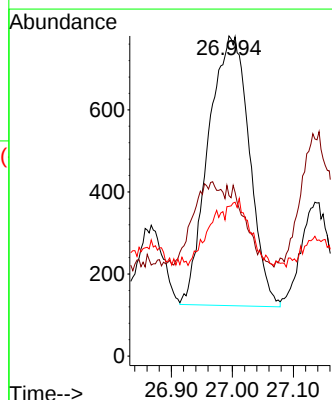
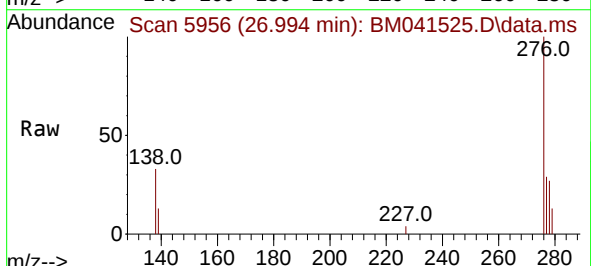
RT: 26.994 min Scan# 5956

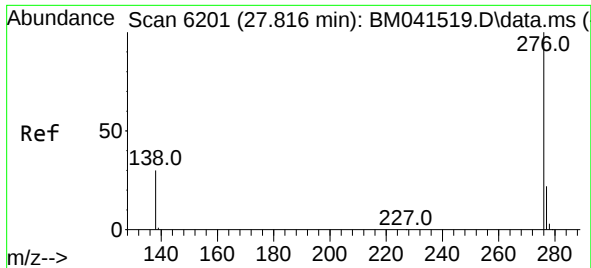
Delta R.T. -0.014 min

Lab File: BM041525.D

Acq: 28 Aug 2023 17:12

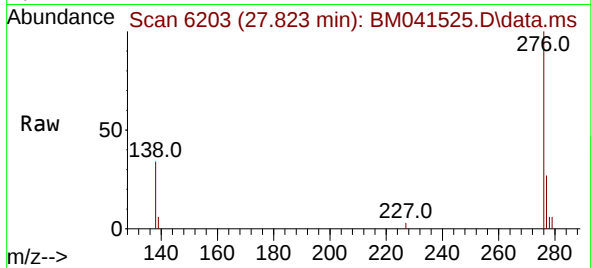
Tgt Ion:	278	Resp:	3063
Ion Ratio	Lower	Upper	
278	100		
139	50.1	22.2	33.2#
279	46.8	20.4	30.6#





#29
Benzo(g,h,i)perylene
Concen: 0.202 ng/ul
RT: 27.823 min Scan# 61
Delta R.T. 0.007 min
Lab File: BM041525.D
Acq: 28 Aug 2023 17:12

Instrument :
BNA_M
ClientSampleId :
A48N8



Tgt Ion: 276 Resp: 13498
Ion Ratio Lower Upper
276 100
138 34.0 25.9 38.9
277 26.6 19.1 28.7

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