

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
 Data File : BM040423.D
 Acq On : 27 Jun 2023 04:25
 Operator : MA/JU
 Sample : 03088-04DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFR0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 05:44:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	7416	0.400	ng/ul	0.00
4) Naphthalene-d8	10.755	136	26294	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.585	164	12487	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.331	188	23278	0.400	ng/ul	0.00
17) Chrysene-d12	21.510	240	14480	0.400	ng/ul	0.00
23) Perylene-d12	23.925	264	13145	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	3087	0.265	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	668	0.018	ng/ul	0.00
18) Fluoranthene-d10	19.355	212	1011	0.022	ng/ul	0.00
Target Compounds						
					Qvalue	
7) 2-Methylnaphthalene	12.415	142	853	0.020	ng/ul	91
10) Acenaphthylene	14.307	152	1350	0.024	ng/ul#	65
15) Phenanthrene	17.373	178	5346	0.074	ng/ul#	92
19) Fluoranthene	19.387	202	13864	0.225	ng/ul	99
20) Pyrene	19.750	202	3771m	0.057	ng/ul	
21) Benzo(a)anthracene	21.493	228	7439	0.152	ng/ul#	90
22) Chrysene	21.548	228	8580	0.154	ng/ul#	92
24) Benzo(b)fluoranthene	23.191	252	13659	0.269	ng/ul	78
25) Benzo(k)fluoranthene	23.235	252	5584m	0.111	ng/ul	
26) Benzo(a)pyrene	23.817	252	1386	0.030	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.432	276	2473	0.039	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.442	278	2339	0.047	ng/ul#	23

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

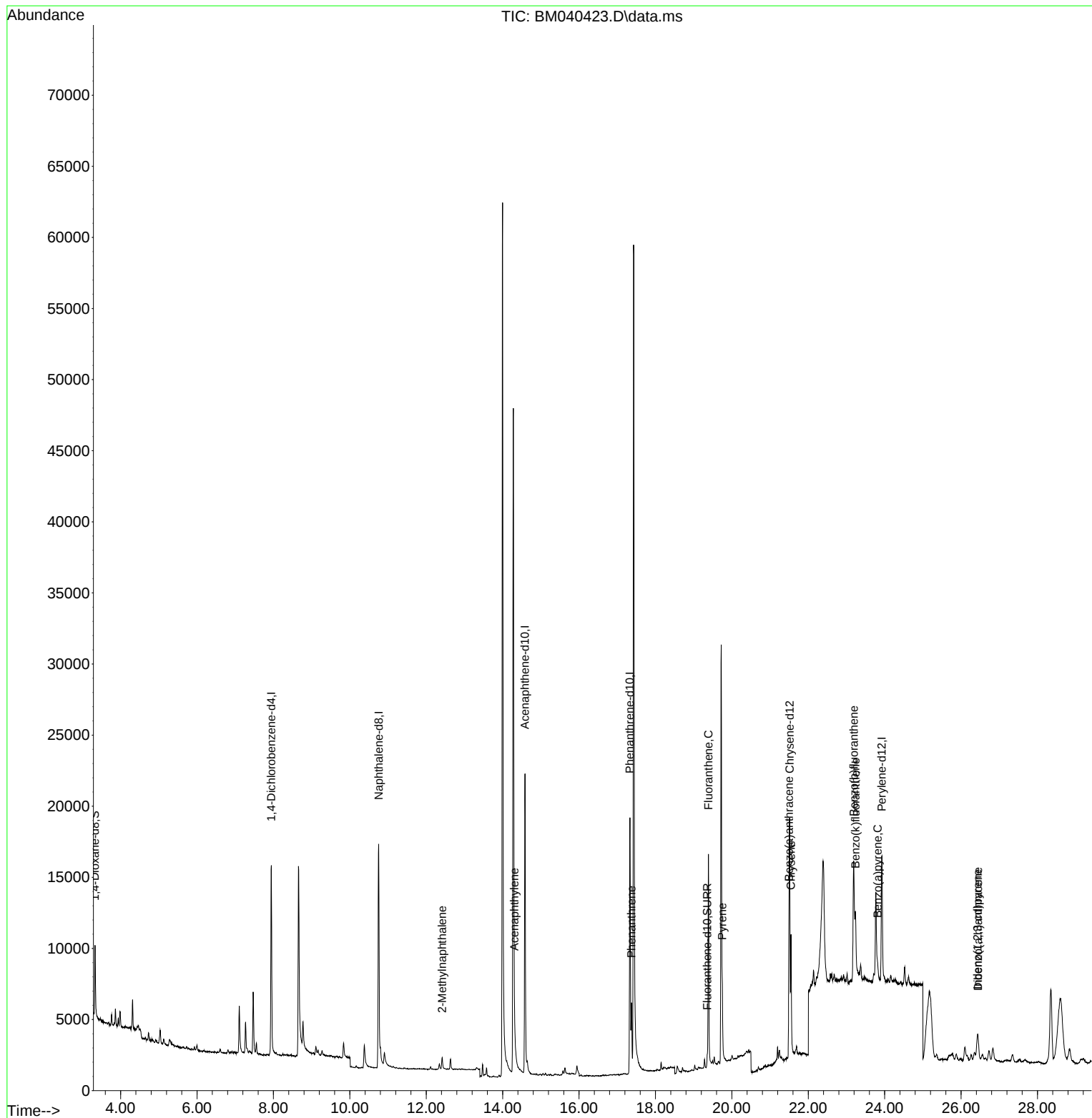
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
Data File : BM040423.D
Acq On : 27 Jun 2023 04:25
Operator : MA/JU
Sample : 03088-04DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

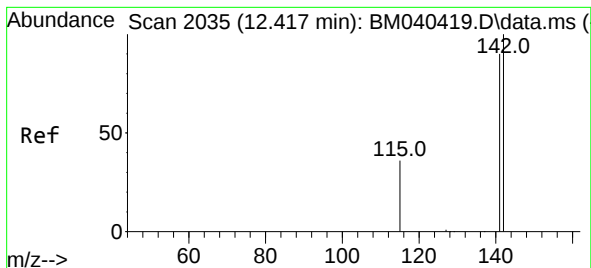
Instrument :
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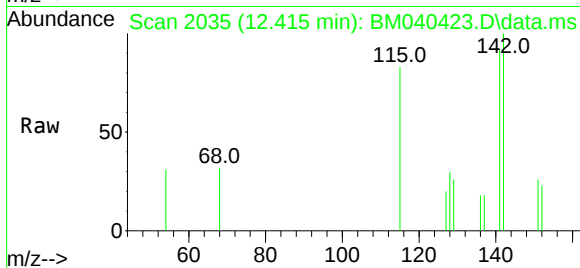
Quant Time: Jun 27 05:44:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.415 min Scan# 2035
Delta R.T. -0.007 min
Lab File: BM040423.D
Acq: 27 Jun 2023 04:25

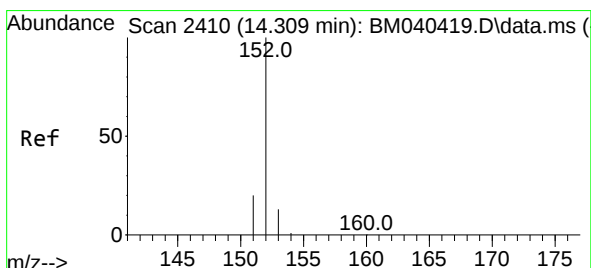
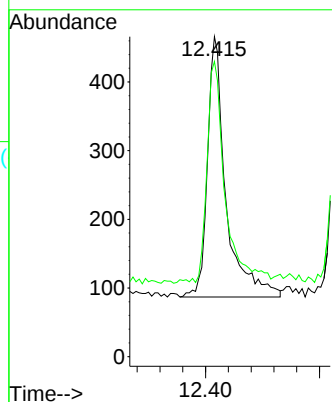
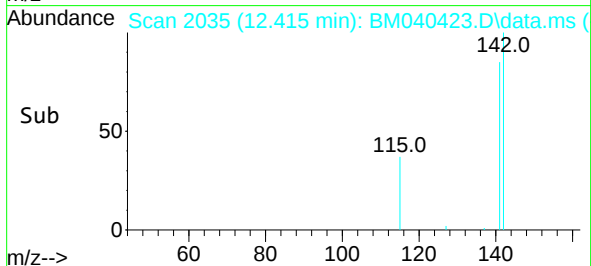
Instrument :
BNA_M
ClientSampleId :
DCFR0DL



Tgt Ion:142 Resp: 85
Ion Ratio Lower Upper
142 100
141 81.4 71.9 107.9

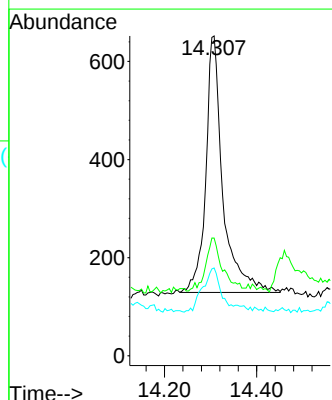
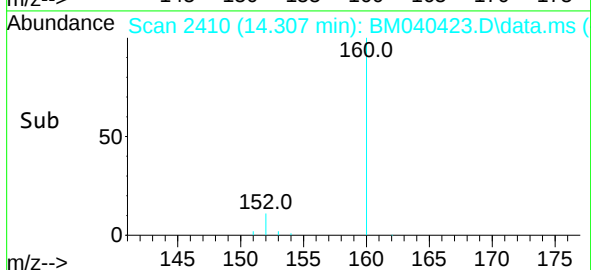
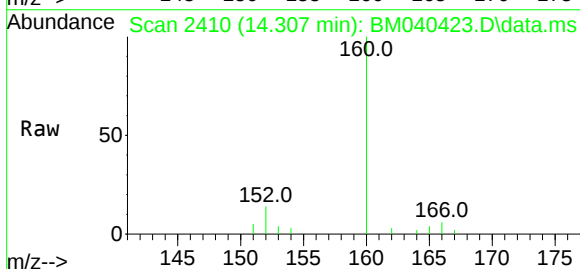
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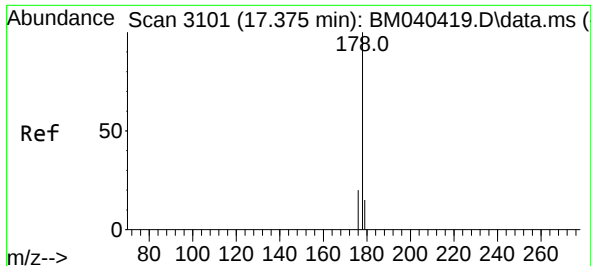
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.307 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BM040423.D
Acq: 27 Jun 2023 04:25

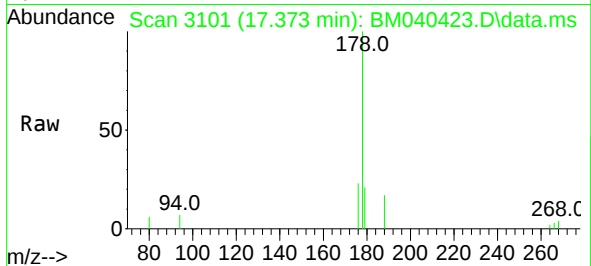
Tgt Ion:152 Resp: 1350
Ion Ratio Lower Upper
152 100
151 36.8 16.2 24.2#
153 27.5 10.9 16.3#





#15
Phenanthrene
Concen: 0.074 ng/ul
RT: 17.373 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM040423.D
Acq: 27 Jun 2023 04:25

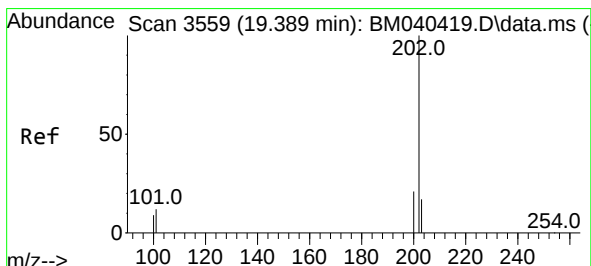
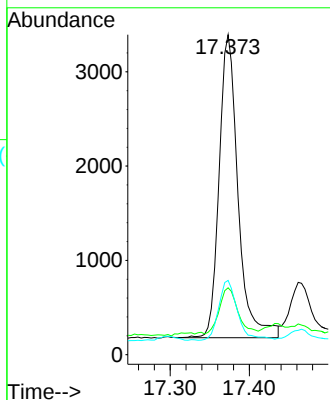
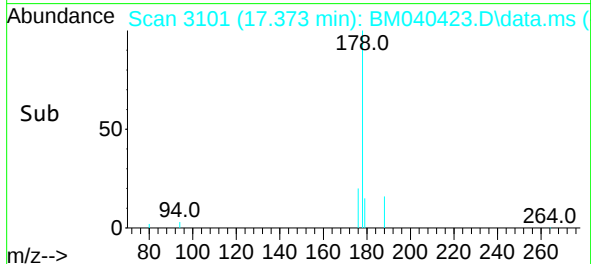
Instrument :
BNA_M
ClientSampleId :
DCFR0DL



Tgt Ion:178 Resp: 5340
Ion Ratio Lower Upper
178 100
179 20.9 12.8 19.2
176 23.2 16.4 24.6

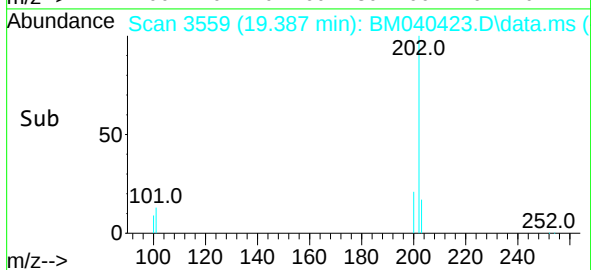
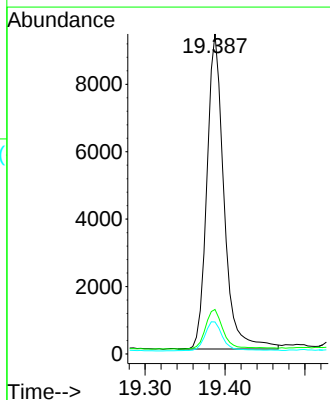
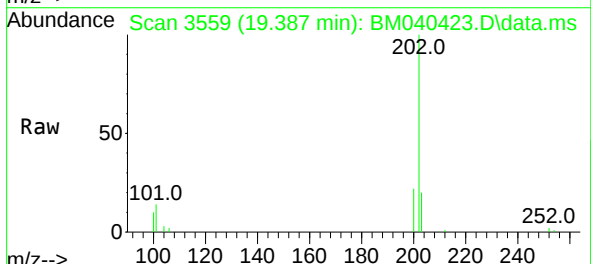
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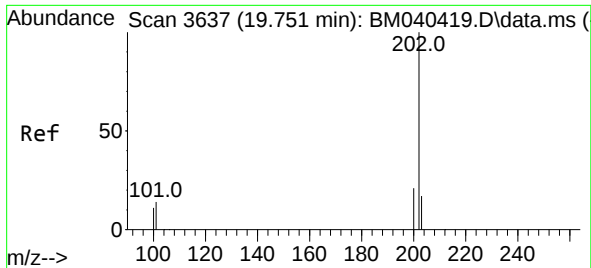
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#19
Fluoranthene
Concen: 0.225 ng/ul
RT: 19.387 min Scan# 3559
Delta R.T. -0.001 min
Lab File: BM040423.D
Acq: 27 Jun 2023 04:25

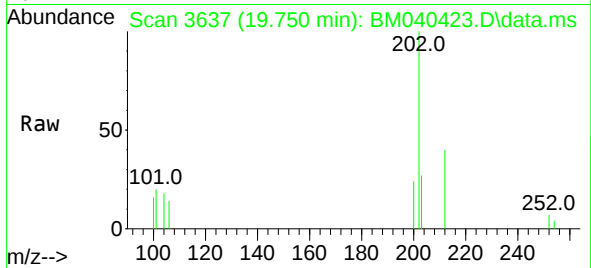
Tgt Ion:202 Resp: 13864
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.0
100 10.0 8.7 13.1





#20
Pyrene
Concen: 0.057 ng/ul m
RT: 19.750 min Scan# 3637
Delta R.T. -0.006 min
Lab File: BM040423.D
Acq: 27 Jun 2023 04:25

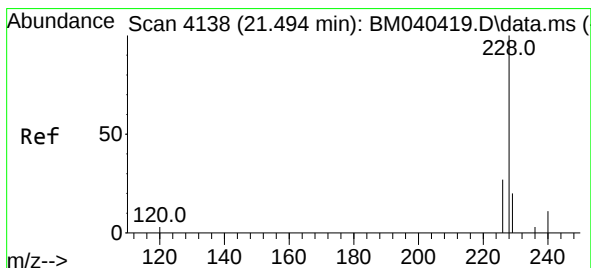
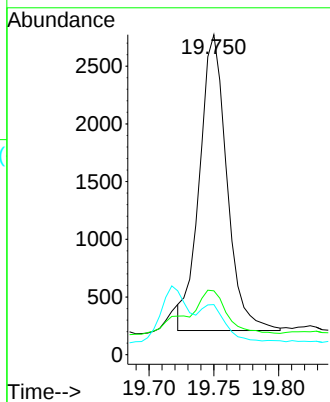
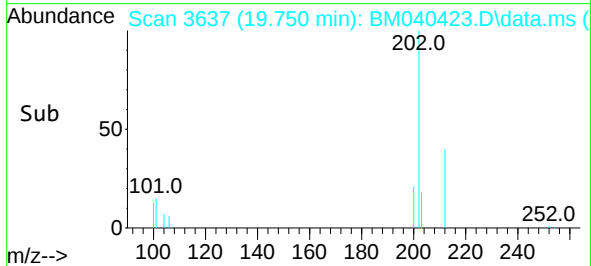
Instrument :
BNA_M
ClientSampleId :
DCFR0DL



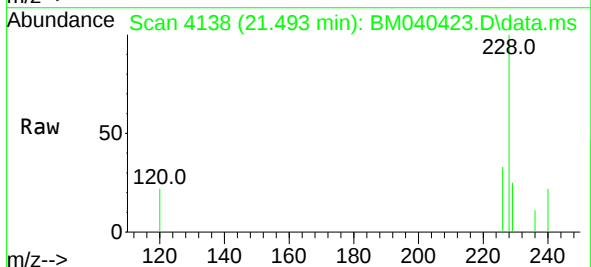
Tgt Ion:202 Resp: 3772
Ion Ratio Lower Upper
202 100
101 19.9 12.6 18.8
100 15.7 9.8 14.6

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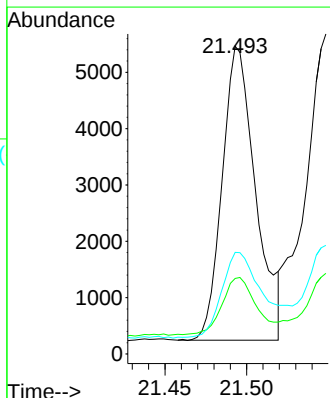
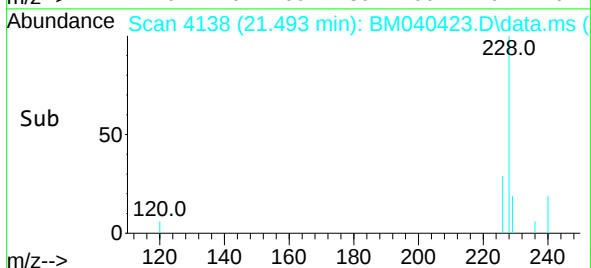
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

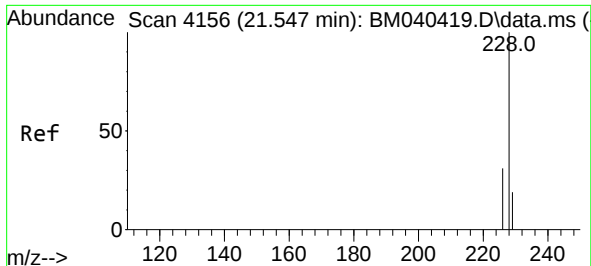


#21
Benzo(a)anthracene
Concen: 0.152 ng/ul
RT: 21.493 min Scan# 4138
Delta R.T. -0.007 min
Lab File: BM040423.D
Acq: 27 Jun 2023 04:25



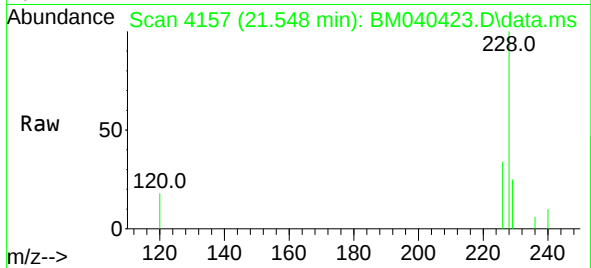
Tgt Ion:228 Resp: 7439
Ion Ratio Lower Upper
228 100
229 24.6 16.0 24.0#
226 33.0 22.3 33.5





#22
Chrysene
Concen: 0.154 ng/u1
RT: 21.548 min Scan# 4156
Delta R.T. -0.004 min
Lab File: BM040423.D
Acq: 27 Jun 2023 04:25

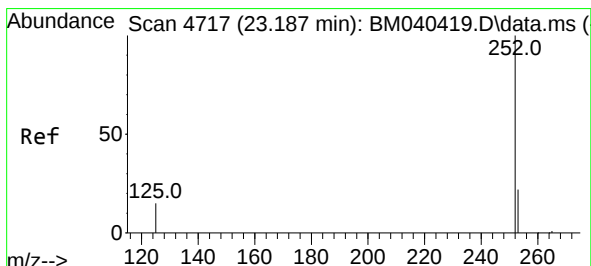
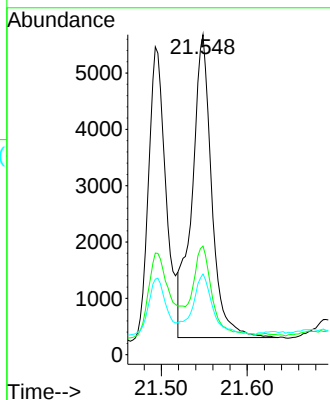
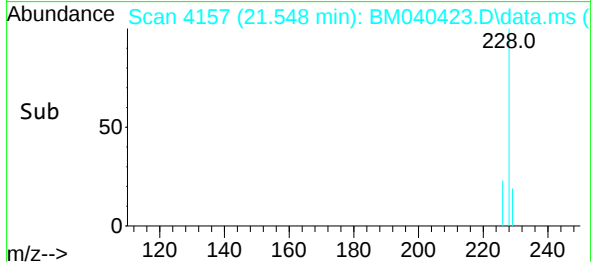
Instrument :
BNA_M
ClientSampleId :
DCFR0DL



Tgt Ion:228 Resp: 8580
Ion Ratio Lower Upper
228 100
226 34.0 24.9 37.3
229 25.2 15.8 23.6

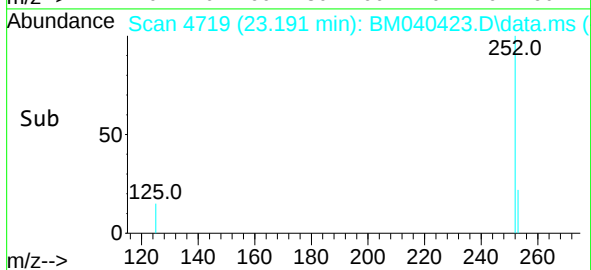
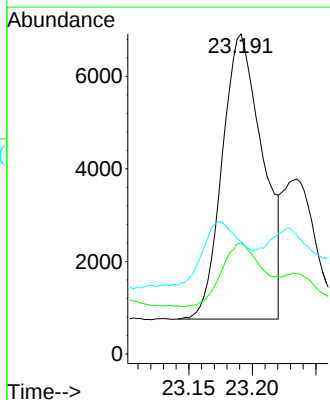
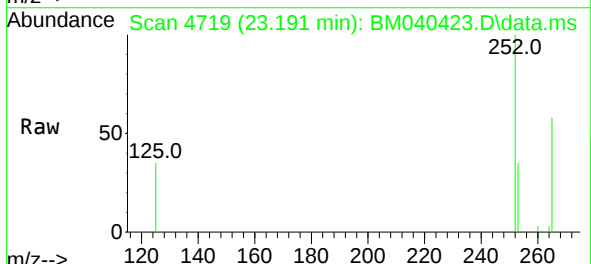
Manual Integrations
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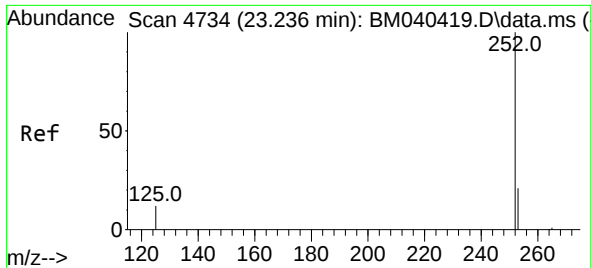
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#24
Benzo(b)fluoranthene
Concen: 0.269 ng/u1
RT: 23.191 min Scan# 4719
Delta R.T. -0.001 min
Lab File: BM040423.D
Acq: 27 Jun 2023 04:25

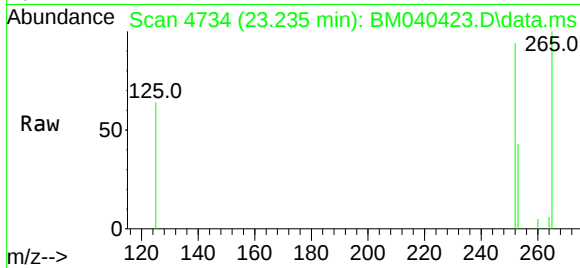
Tgt Ion:252 Resp: 13659
Ion Ratio Lower Upper
252 100
253 34.7 0.0 52.8
125 35.2 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.111 ng/ul m
RT: 23.235 min Scan# 4734
Delta R.T. -0.007 min
Lab File: BM040423.D
Acq: 27 Jun 2023 04:25

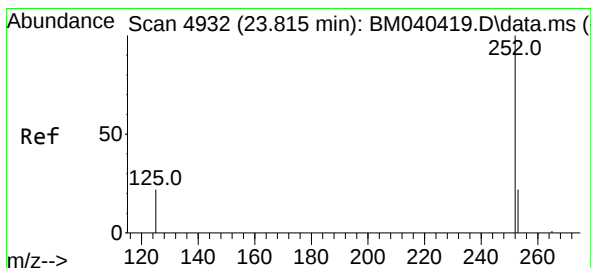
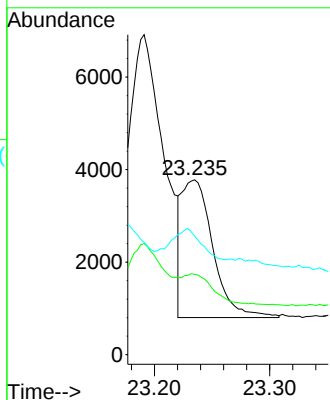
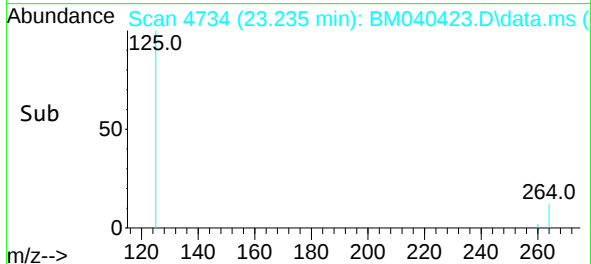
Instrument :
BNA_M
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DCFR0DL



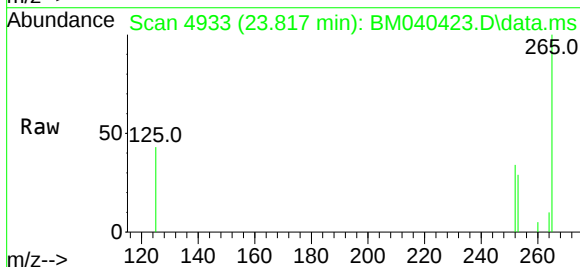
Tgt Ion:252 Resp: 5584
Ion Ratio Lower Upper
252 100
253 46.0 21.2 31.8#
125 67.8 16.4 24.6#

Manual Integrations
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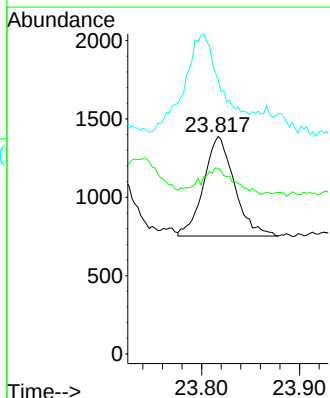
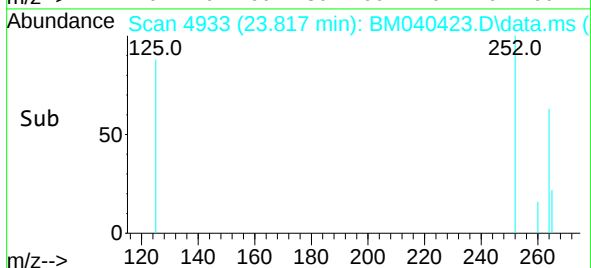
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

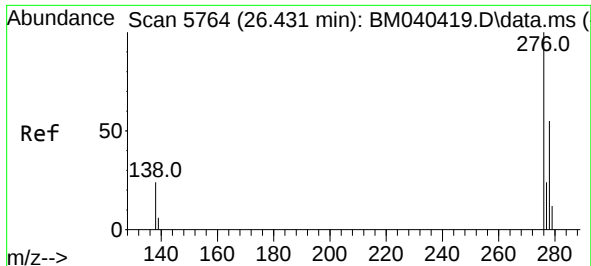


#26
Benzo(a)pyrene
Concen: 0.030 ng/ul
RT: 23.817 min Scan# 4933
Delta R.T. -0.007 min
Lab File: BM040423.D
Acq: 27 Jun 2023 04:25



Tgt Ion:252 Resp: 1386
Ion Ratio Lower Upper
252 100
253 85.3 22.9 34.3#
125 126.4 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.039 ng/ul

RT: 26.432 min Scan# 5765

Delta R.T. -0.001 min

Lab File: BM040423.D

Acq: 27 Jun 2023 04:25

Instrument :

BNA_M

ClientSampleId :

DCFR0DL

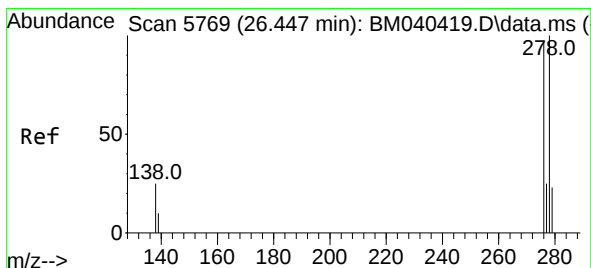
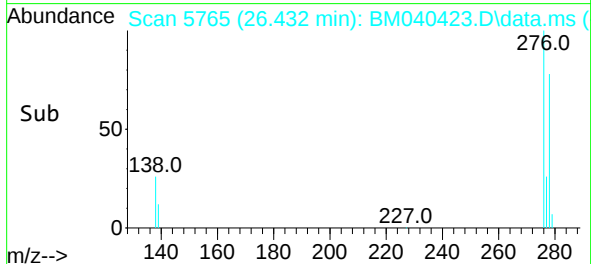
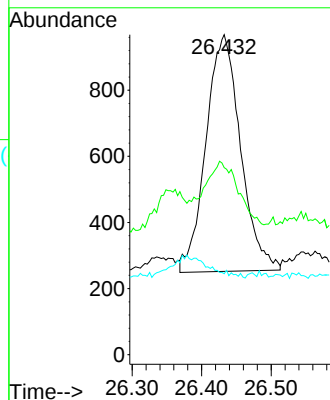
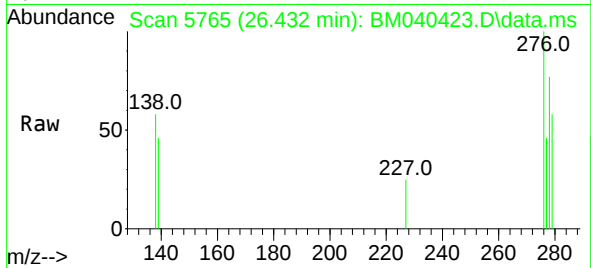
Tgt Ion:	276	Resp:	247
Ion Ratio	Lower	Upper	
276	100		
138	24.3	24.5	36.7
227	0.0	0.1	0.1

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.047 ng/ul

RT: 26.442 min Scan# 5768

Delta R.T. -0.011 min

Lab File: BM040423.D

Acq: 27 Jun 2023 04:25

Tgt Ion:	278	Resp:	2339
Ion Ratio	Lower	Upper	
278	100		
139	57.3	17.9	26.9
279	69.3	22.0	33.0

