

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042121.D
 Acq On : 28 Sep 2023 19:02
 Operator : MA/JU
 Sample : 04417-26
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYF2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 29 04:41:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 29 04:39:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	3718	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	10016	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	5109	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	11289	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	7611	0.400	ng/ul	0.00
23) Perylene-d12	23.912	264	8152	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	7244	1.430	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	3078	0.245	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	6057	0.193	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.801	128	6347	0.189	ng/ul	97
7) 2-Methylnaphthalene	12.407	142	7922	0.396	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	5004	0.246	ng/ul	98
15) Phenanthrene	17.379	178	7599	0.145	ng/ul	95
19) Fluoranthene	19.390	202	3246	0.038	ng/ul#	90
20) Pyrene	19.757	202	4469m	0.053	ng/ul	
21) Benzo(a)anthracene	21.495	228	1469	0.025	ng/ul#	68
22) Chrysene	21.548	228	4561m	0.077	ng/ul	
24) Benzo(b)fluoranthene	23.173	252	3435	0.055	ng/ul#	11
25) Benzo(k)fluoranthene	23.216	252	1368m	0.022	ng/ul	
26) Benzo(a)pyrene	23.807	252	1351	0.026	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.391	276	1557	0.022	ng/ul#	88
29) Benzo(g,h,i)perylene	27.176	276	2877	0.048	ng/ul#	72

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

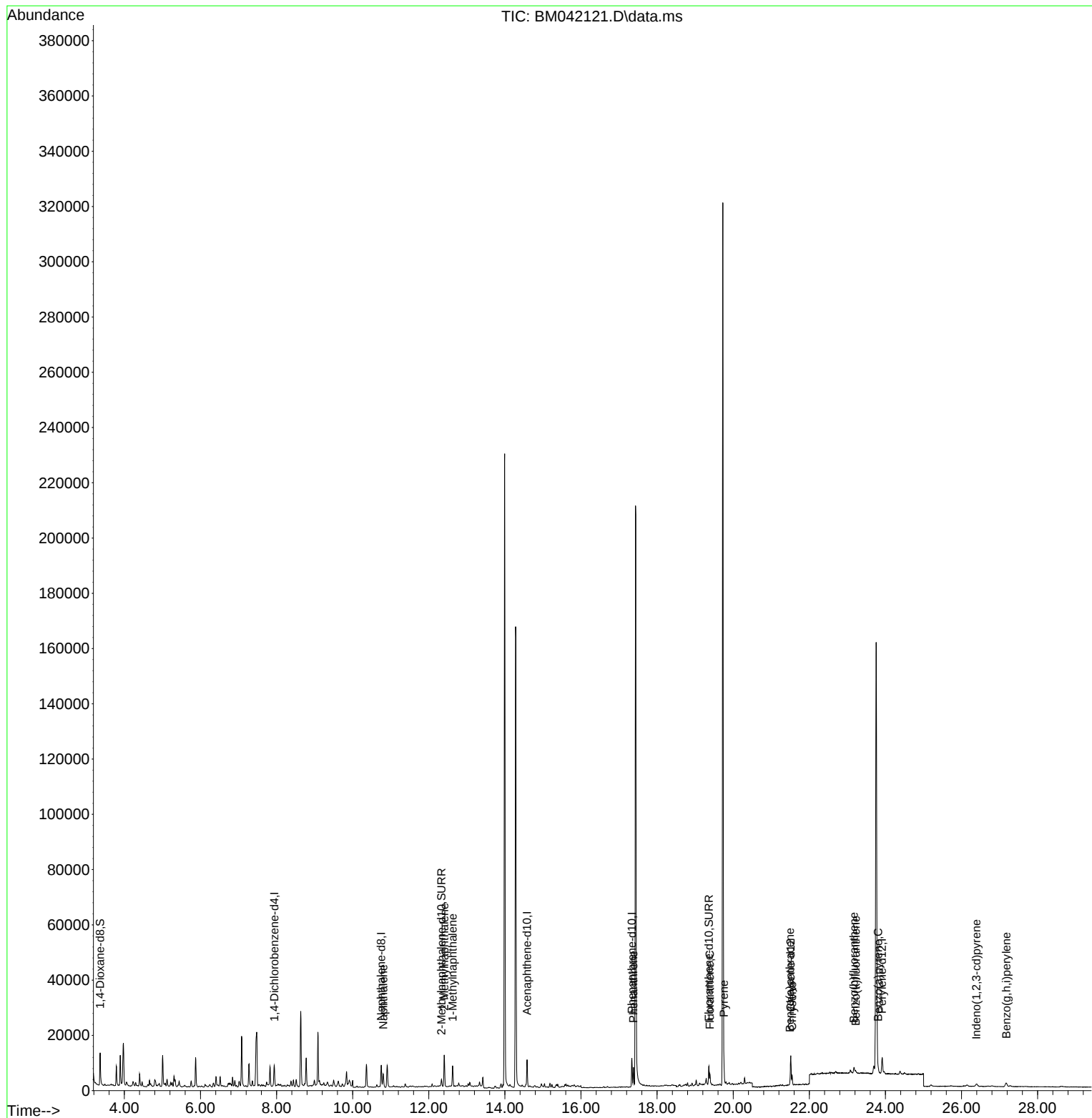
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
Data File : BM042121.D
Acq On : 28 Sep 2023 19:02
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ALS Vial : 18 Sample Multiplier: 1

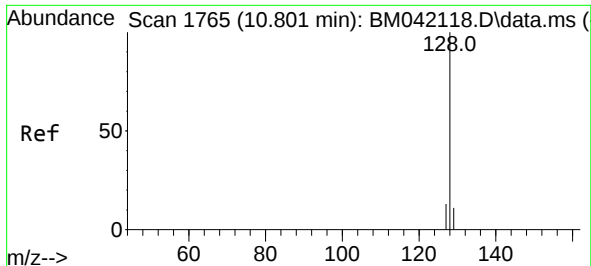
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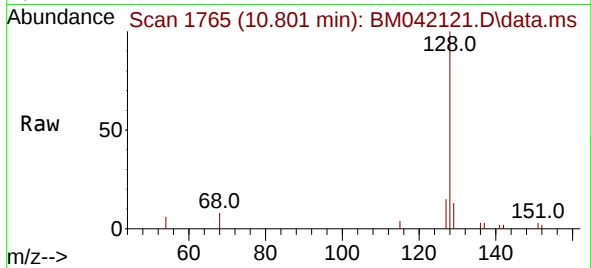
Quant Time: Sep 29 04:41:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 04:39:33 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.189 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BM042121.D
Acq: 28 Sep 2023 19:02

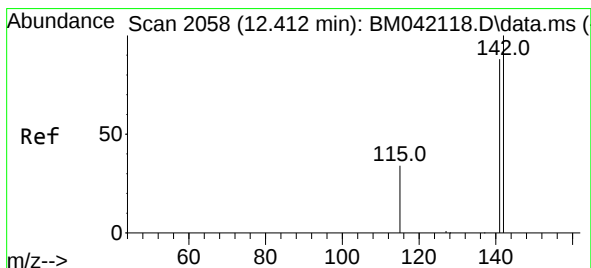
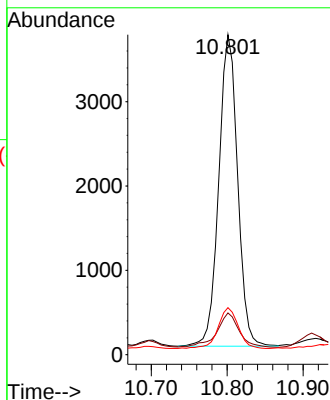
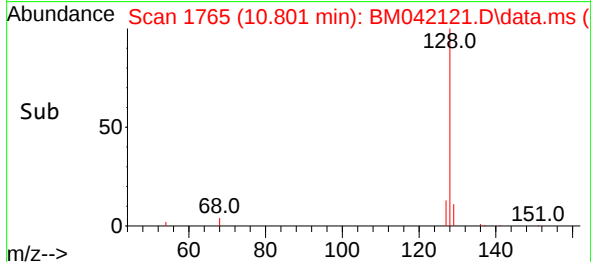
Instrument :
BNA_M
ClientSampleId :
EZYF2



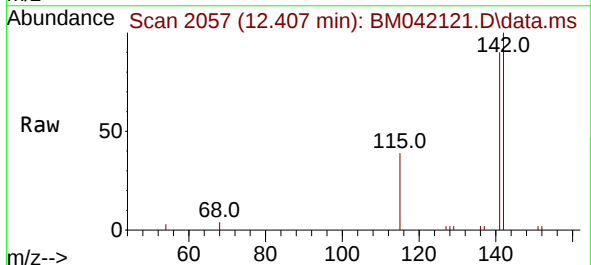
Tgt Ion:128 Resp: 634
Ion Ratio Lower Upper
128 100
129 13.0 9.2 13.8
127 14.7 10.8 16.2

Manual Integrations
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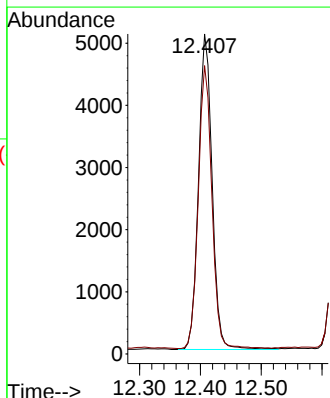
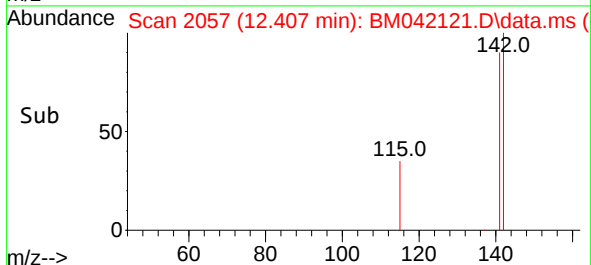
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

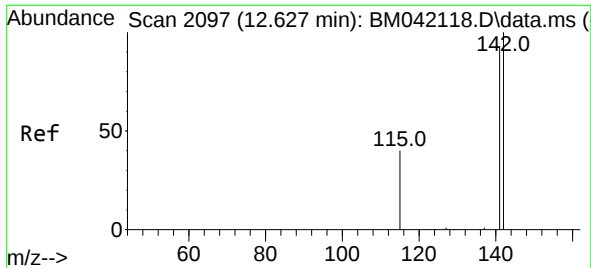


#7
2-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BM042121.D
Acq: 28 Sep 2023 19:02



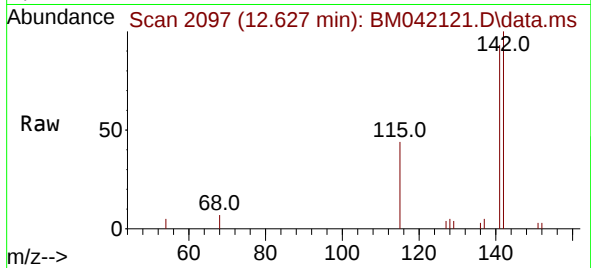
Tgt Ion:142 Resp: 7922
Ion Ratio Lower Upper
142 100
141 89.5 72.1 108.1





#8
1-Methylnaphthalene
Concen: 0.246 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM042121.D
Acq: 28 Sep 2023 19:02

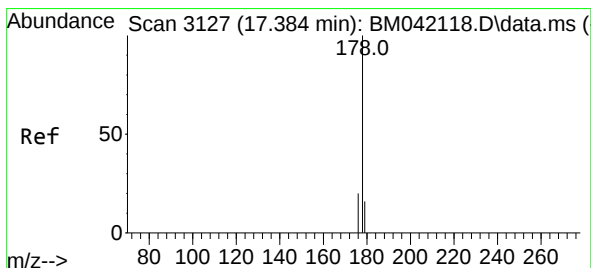
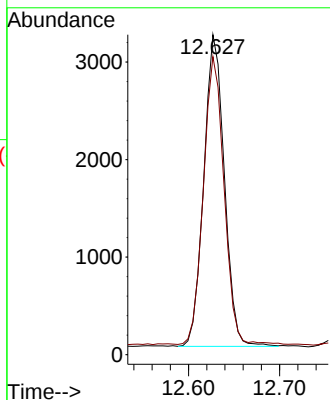
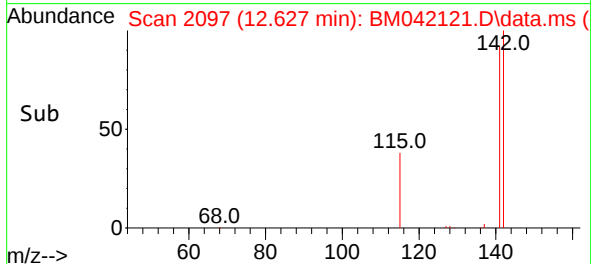
Instrument :
BNA_M
ClientSampleId :
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Ion Ratio Lower Upper
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141 92.4 75.1 112.7

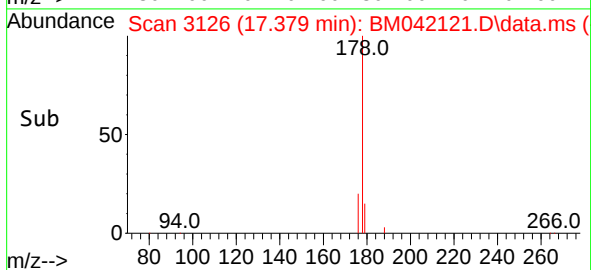
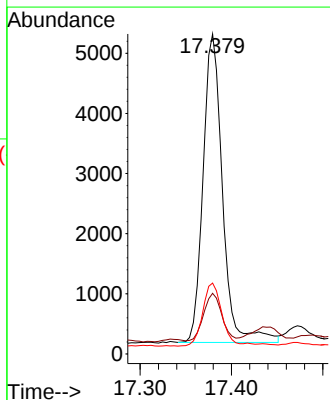
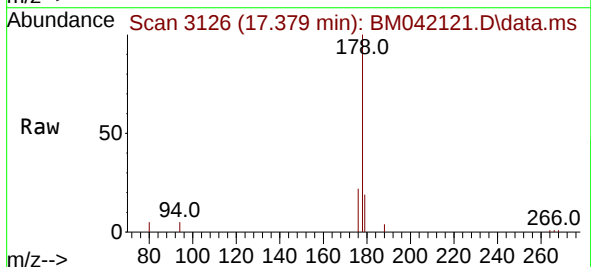
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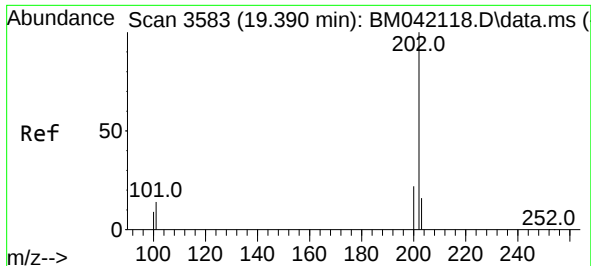
Reviewed By :Yogesh Patel 09/29/2023
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#15
Phenanthrene
Concen: 0.145 ng/ul
RT: 17.379 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BM042121.D
Acq: 28 Sep 2023 19:02

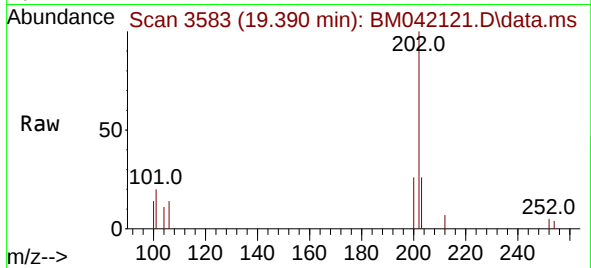
Tgt Ion:178 Resp: 7599
Ion Ratio Lower Upper
178 100
179 19.0 12.7 19.1
176 22.1 16.6 24.8





#19
Fluoranthene
Concen: 0.038 ng/ul
RT: 19.390 min Scan# 3583
Delta R.T. -0.000 min
Lab File: BM042121.D
Acq: 28 Sep 2023 19:02

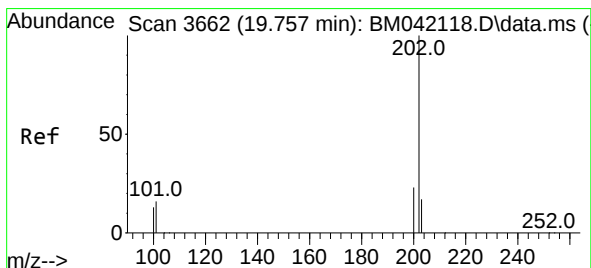
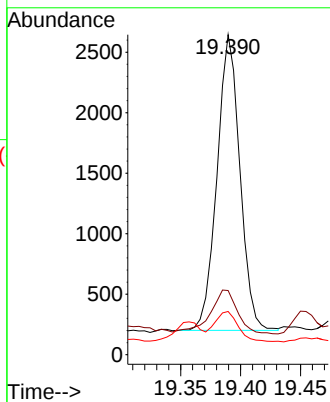
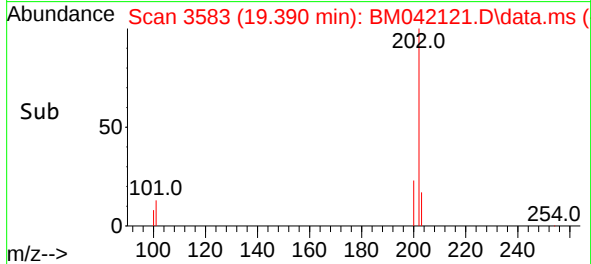
Instrument :
BNA_M
ClientSampleId :
EZYF2



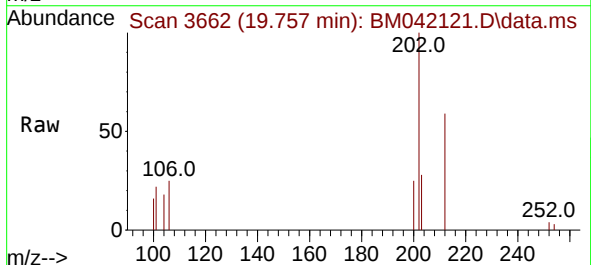
Tgt Ion:202 Resp: 3240
Ion Ratio Lower Upper
202 100
101 20.1 11.8 17.6
100 13.5 9.1 13.7

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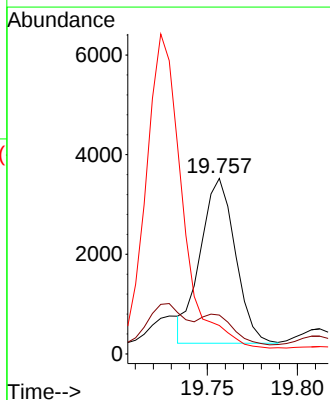
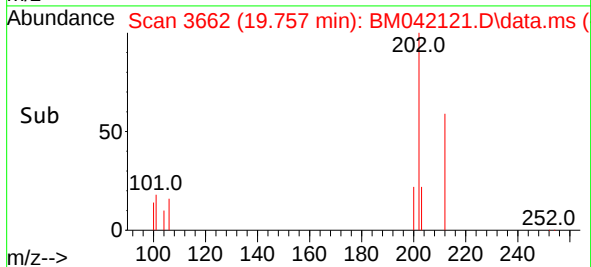
Reviewed By :Yogesh Patel 09/29/2023
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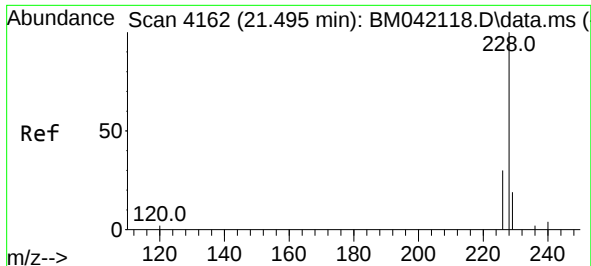


#20
Pyrene
Concen: 0.053 ng/ul m
RT: 19.757 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM042121.D
Acq: 28 Sep 2023 19:02



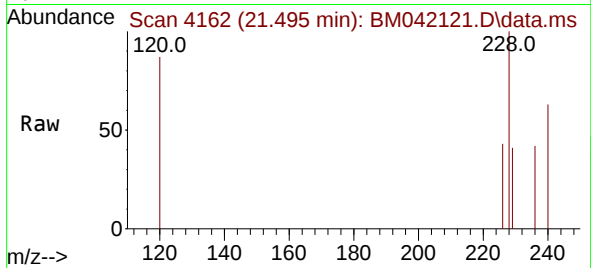
Tgt Ion:202 Resp: 4469
Ion Ratio Lower Upper
202 100
101 22.2 14.1 21.1#
100 16.2 11.4 17.0





#21
Benzo(a)anthracene
Concen: 0.025 ng/ul
RT: 21.495 min Scan# 4162
Delta R.T. -0.000 min
Lab File: BM042121.D
Acq: 28 Sep 2023 19:02

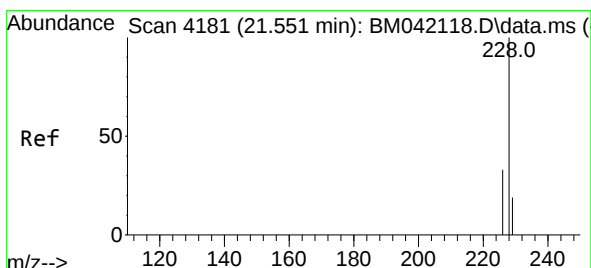
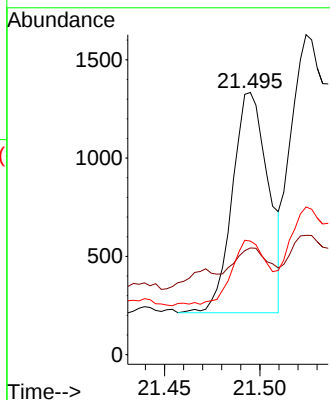
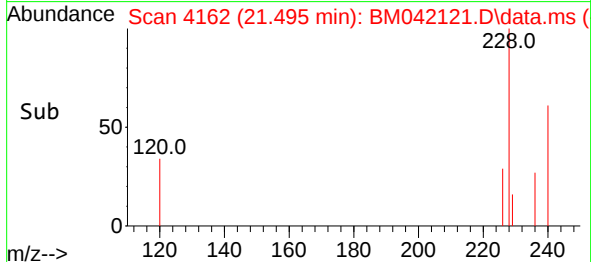
Instrument :
BNA_M
ClientSampleId :
EZYF2



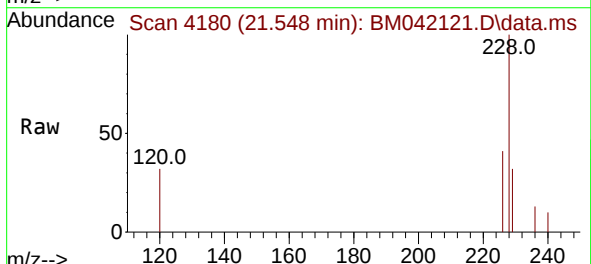
Tgt Ion:228 Resp: 1469
Ion Ratio Lower Upper
228 100
229 40.7 15.5 23.3
226 43.3 24.8 37.2

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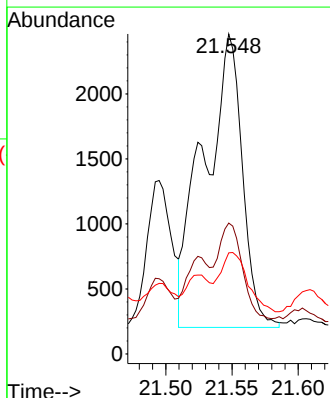
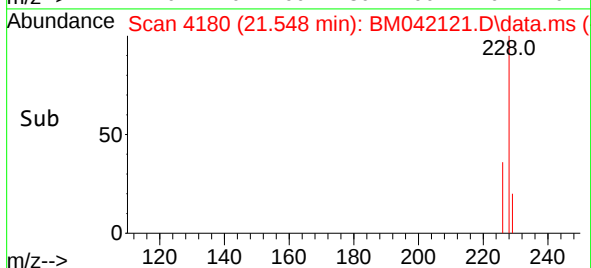
Reviewed By :Yogesh Patel 09/29/2023
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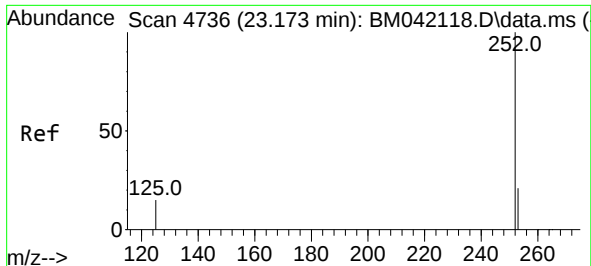


#22
Chrysene
Concen: 0.077 ng/ul m
RT: 21.548 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM042121.D
Acq: 28 Sep 2023 19:02



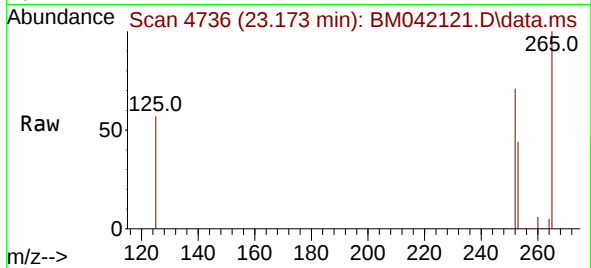
Tgt Ion:228 Resp: 4561
Ion Ratio Lower Upper
228 100
226 40.9 27.8 41.6
229 31.6 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 0.055 ng/ul
RT: 23.173 min Scan# 4736
Delta R.T. -0.000 min
Lab File: BM042121.D
Acq: 28 Sep 2023 19:02

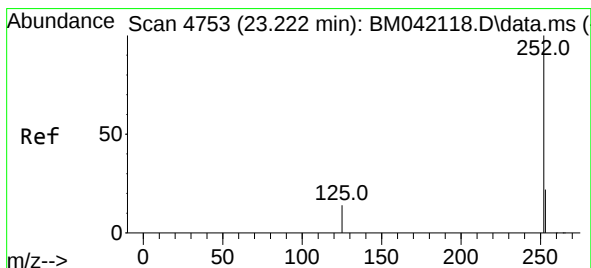
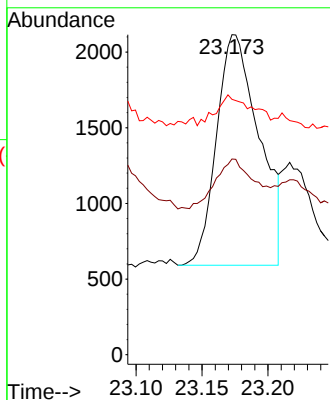
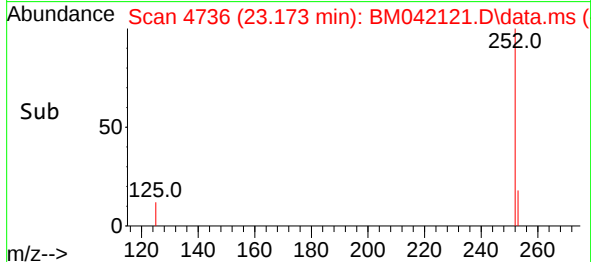
Instrument :
BNA_M
ClientSampleId :
EZYF2



Tgt Ion:252 Resp: 343
Ion Ratio Lower Upper
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253 61.2 0.0 54.4
125 79.8 0.0 46.2

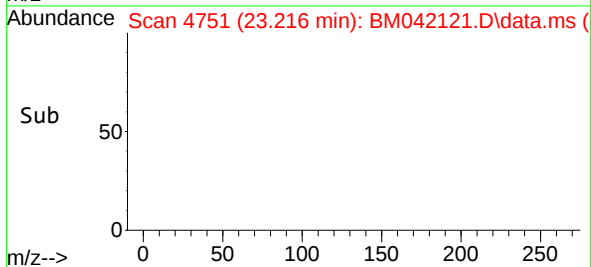
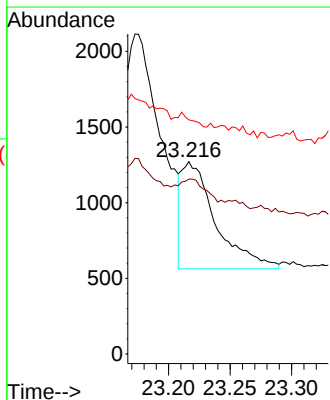
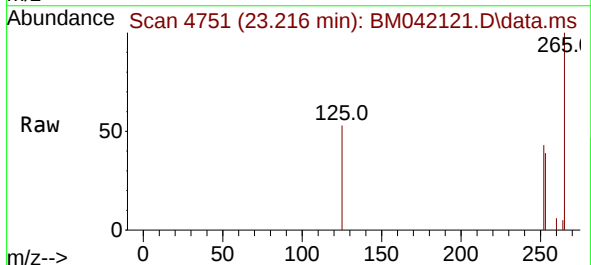
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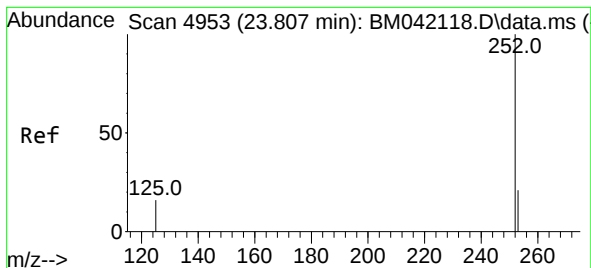
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#25
Benzo(k)fluoranthene
Concen: 0.022 ng/ul m
RT: 23.216 min Scan# 4751
Delta R.T. -0.006 min
Lab File: BM042121.D
Acq: 28 Sep 2023 19:02

Tgt Ion:252 Resp: 1368
Ion Ratio Lower Upper
252 100
253 91.0 21.0 31.6#
125 121.7 19.0 28.6#





#26

Benzo(a)pyrene

Concen: 0.026 ng/ul

RT: 23.807 min Scan# 4953

Delta R.T. -0.000 min

Lab File: BM042121.D

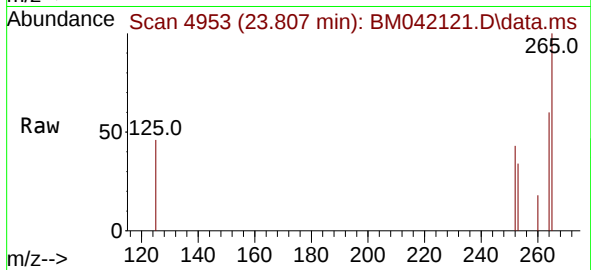
Acq: 28 Sep 2023 19:02

Instrument :

BNM

ClientSampleId :

EZYF2



Tgt Ion:252 Resp: 135

Ion Ratio Lower Upper

252 100

253 78.0 23.2 34.8

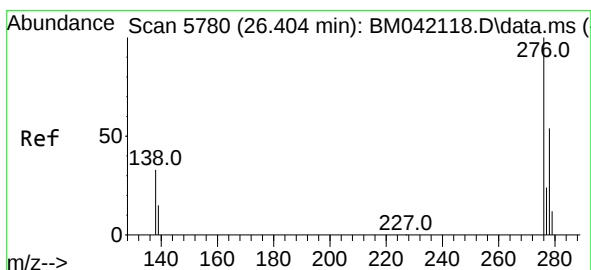
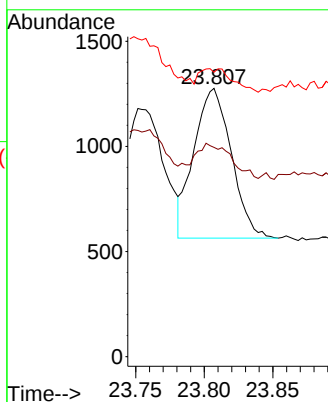
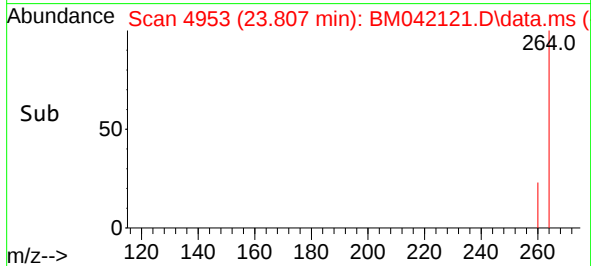
125 106.0 22.5 33.7

Manual Integrations

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.022 ng/ul

RT: 26.391 min Scan# 5776

Delta R.T. -0.013 min

Lab File: BM042121.D

Acq: 28 Sep 2023 19:02

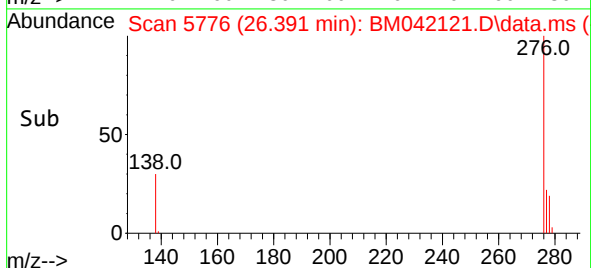
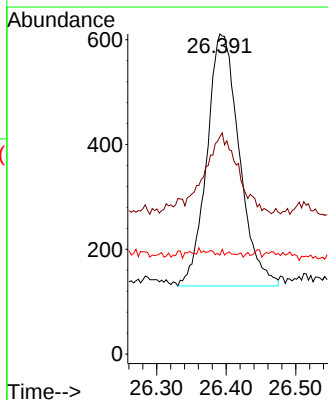
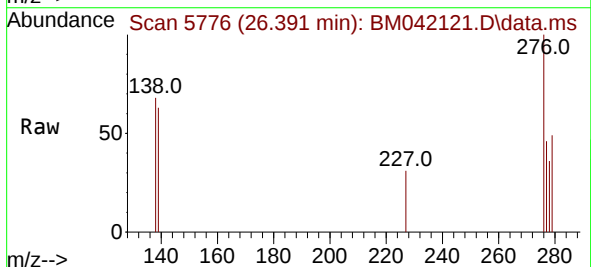
Tgt Ion:276 Resp: 1557

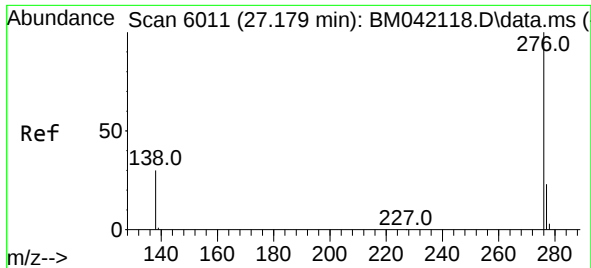
Ion Ratio Lower Upper

276 100

138 32.4 32.1 48.1

227 0.9 0.2 0.2





#29

Benzo(g,h,i)perylene

Concen: 0.048 ng/ul

RT: 27.176 min Scan# 6010

Delta R.T. -0.003 min

Lab File: BM042121.D

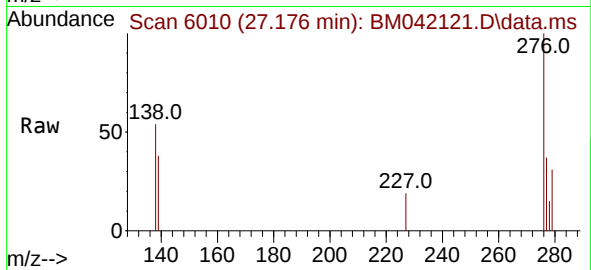
Acq: 28 Sep 2023 19:02

Instrument :

BNA_M

ClientSampleId :

EZYF2



Tgt Ion:276 Resp: 287

Ion Ratio Lower Upper

276 100

138 53.7 29.0 43.4

277 37.4 19.6 29.4

Manual Integrations

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