

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043121.D
 Acq On : 01 Dec 2023 13:59
 Operator : MA/JU
 Sample : 05497-04DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 02 00:06:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 02 00:03:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	998	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.611	136	2875	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.450	164	1502	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	2858	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	2357	0.400	ng/ul	0.00
23) Perylene-d12	23.750	264	3619	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	442	0.289	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	128	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	334	0.039	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.660	128	1055	0.135	ng/ul#	88
7) 2-Methylnaphthalene	12.299	142	601	0.130	ng/ul	98
8) 1-Methylnaphthalene	12.497	142	432	0.084	ng/ul	95
10) Acenaphthylene	14.177	152	183	0.024	ng/ul#	33
11) Acenaphthene	14.510	153	190	0.033	ng/ul#	92
12) Fluorene	15.509	166	212	0.036	ng/ul#	90
15) Phenanthrene	17.254	178	3601	0.442	ng/ul	99
16) Anthracene	17.351	178	917m	0.119	ng/ul	
19) Fluoranthene	19.270	202	5069	0.379	ng/ul#	95
20) Pyrene	19.633	202	4598	0.324	ng/ul	97
21) Benzo(a)anthracene	21.388	228	2170	0.284	ng/ul	98
22) Chrysene	21.441	228	2311	0.162	ng/ul	96
24) Benzo(b)fluoranthene	23.028	252	2922	0.239	ng/ul	94
25) Benzo(k)fluoranthene	23.075	252	1441m	0.086	ng/ul	
26) Benzo(a)pyrene	23.642	252	1998	0.150	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.205	276	1662	0.092	ng/ul#	100
29) Benzo(g,h,i)perylene	26.966	276	2033	0.116	ng/ul	93

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

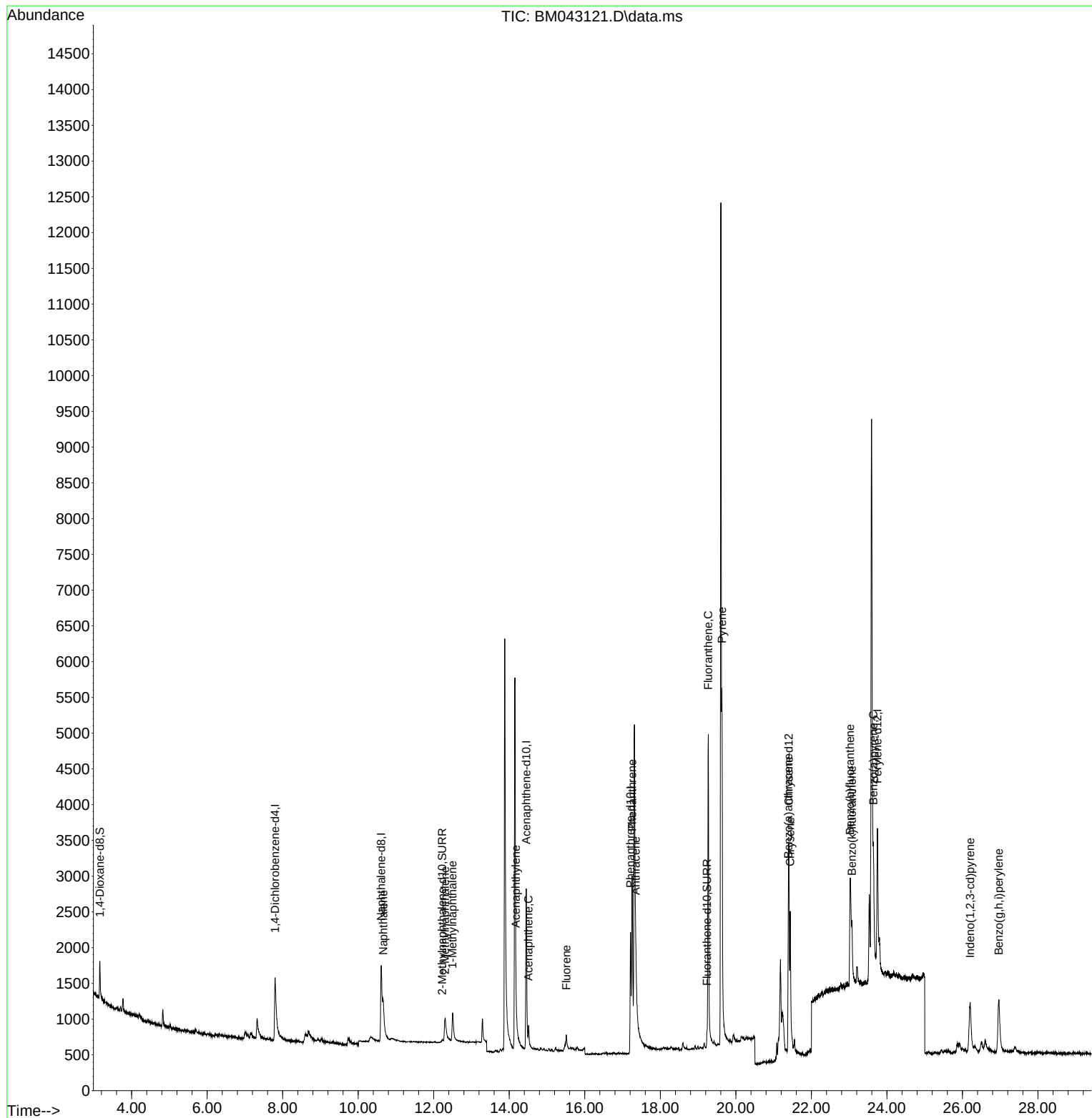
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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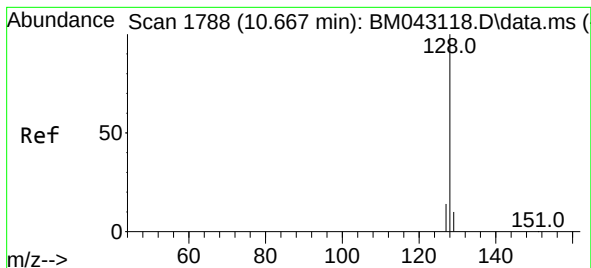
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#5

Naphthalene

Concen: 0.135 ng/uI

RT: 10.660 min Scan# 1788

Delta R.T. -0.007 min

Lab File: BM043121.D

Acq: 01 Dec 2023 13:59

Instrument :

BNA_M

ClientSampleId :

C0AB7DL

Tgt Ion:128 Resp: 105

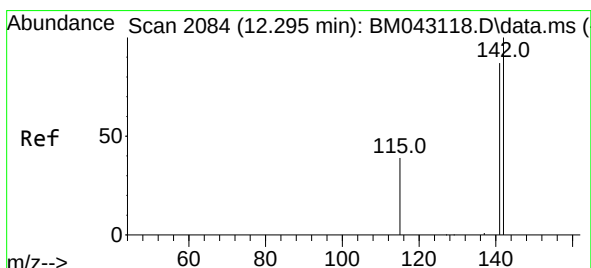
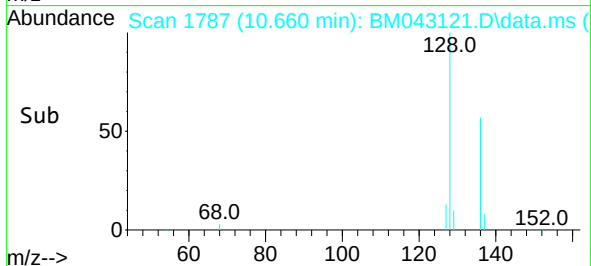
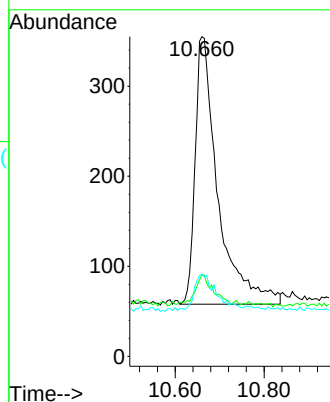
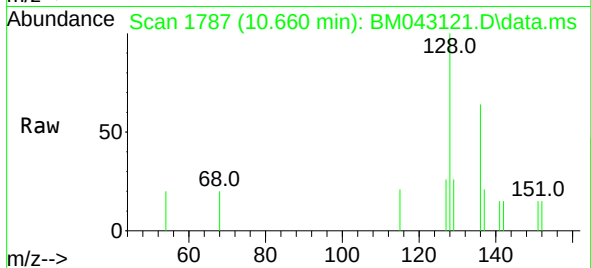
Ion	Ratio	Lower	Upper
128	100		
129	25.6	16.0	24.0
127	25.6	16.5	24.7

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#7

2-Methylnaphthalene

Concen: 0.130 ng/uI

RT: 12.299 min Scan# 2085

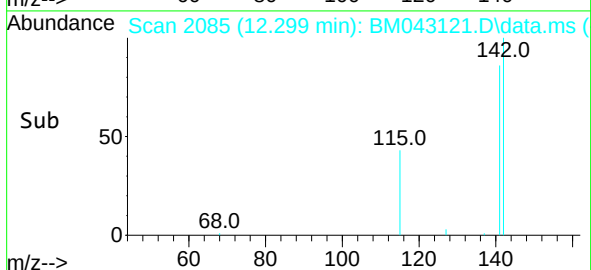
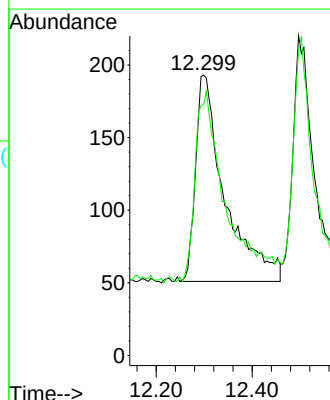
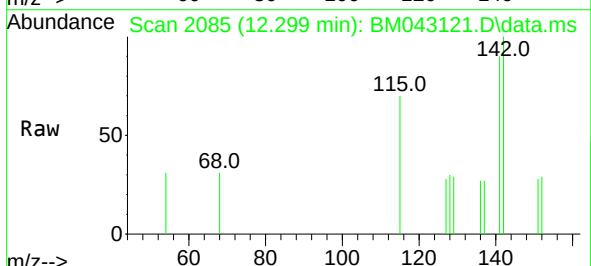
Delta R.T. 0.004 min

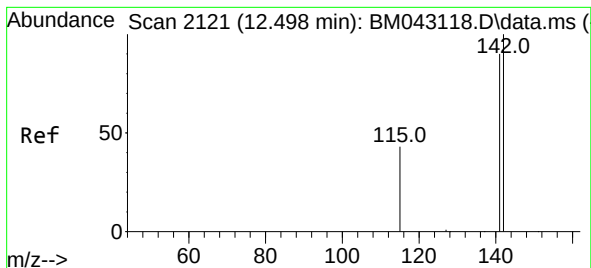
Lab File: BM043121.D

Acq: 01 Dec 2023 13:59

Tgt Ion:142 Resp: 601

Ion	Ratio	Lower	Upper
142	100		
141	96.8	76.1	114.1





#8

1-Methylnaphthalene

Concen: 0.084 ng/ul

RT: 12.497 min Scan# 2121

Delta R.T. -0.001 min

Lab File: BM043121.D

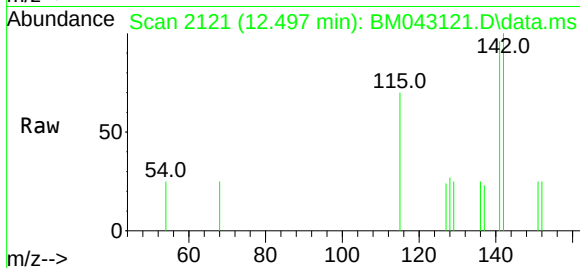
Acq: 01 Dec 2023 13:59

Instrument :

BNA_M

ClientSampleId :

C0AB7DL



Tgt Ion:142 Resp: 432

Ion Ratio Lower Upper

142 100

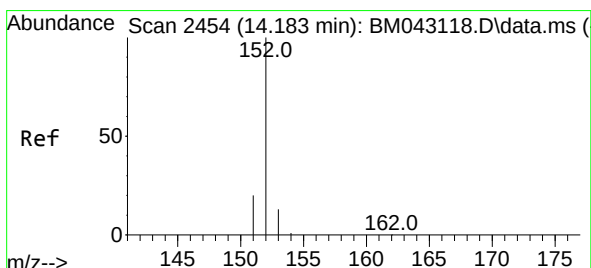
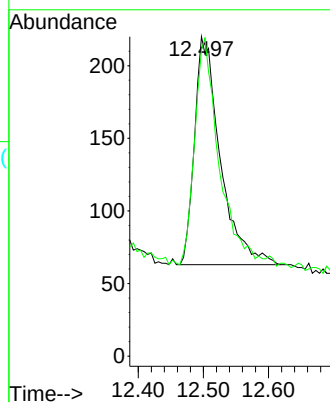
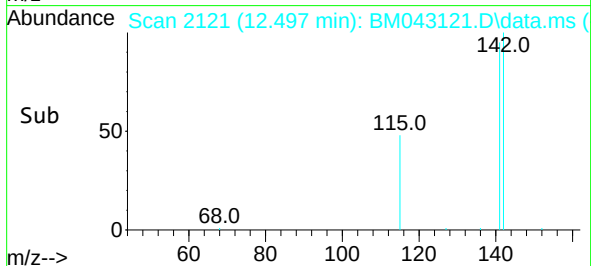
141 96.8 73.8 110.8

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#10

Acenaphthylene

Concen: 0.024 ng/ul

RT: 14.177 min Scan# 2453

Delta R.T. -0.006 min

Lab File: BM043121.D

Acq: 01 Dec 2023 13:59

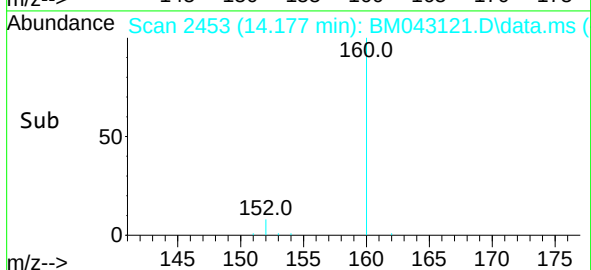
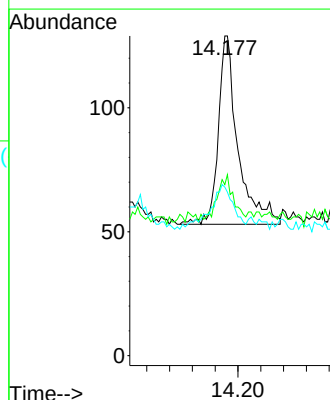
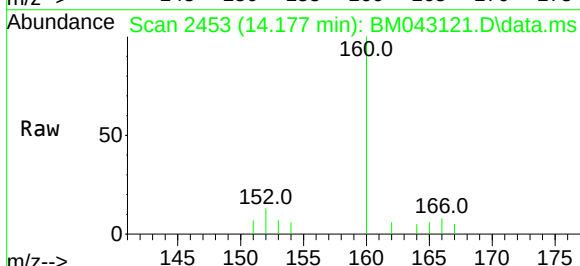
Tgt Ion:152 Resp: 183

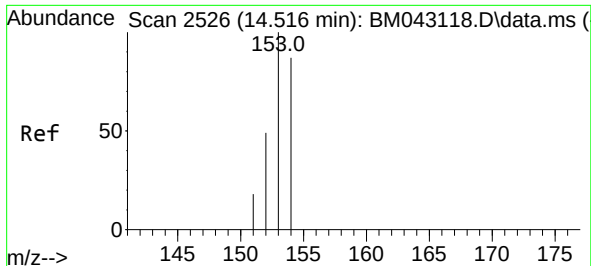
Ion Ratio Lower Upper

152 100

151 53.5 19.4 29.0#

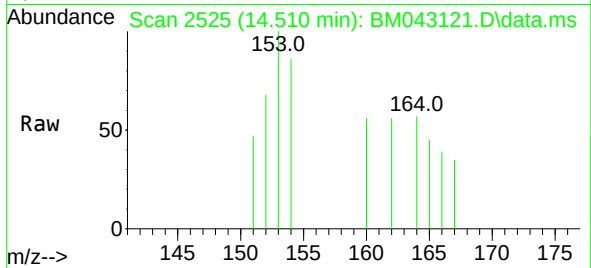
153 52.7 14.6 21.8#





#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.510 min Scan# 2525
Delta R.T. -0.006 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

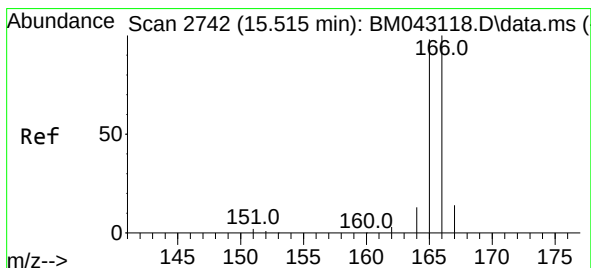
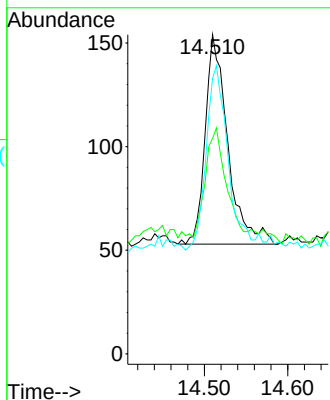
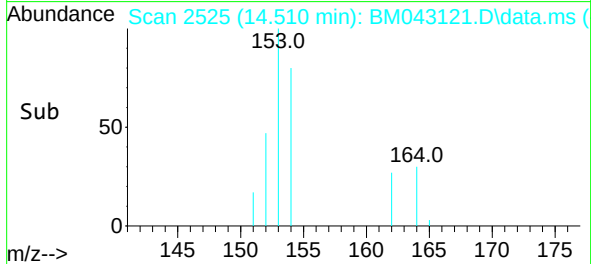
Instrument :
BNA_M
ClientSampleId :
C0AB7DL



Tgt Ion:153 Resp: 190
Ion Ratio Lower Upper
153 100
152 67.5 43.9 65.9
154 86.4 70.6 105.8

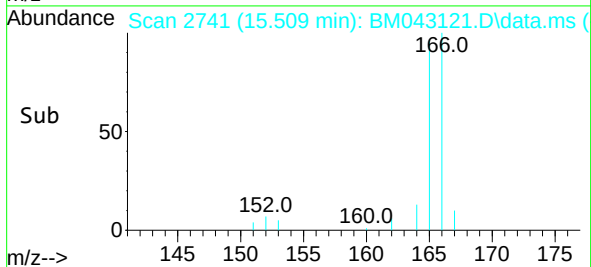
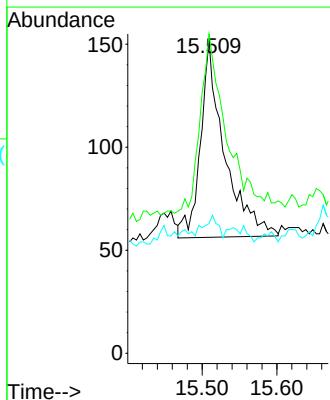
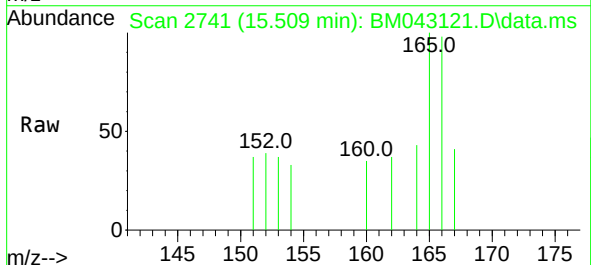
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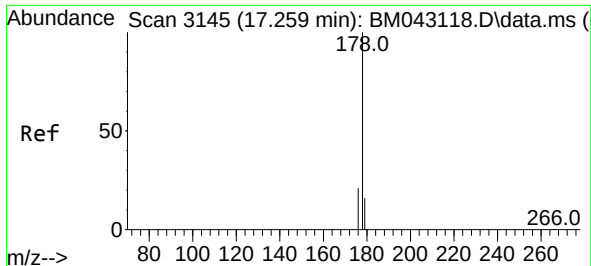
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.509 min Scan# 2741
Delta R.T. -0.006 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

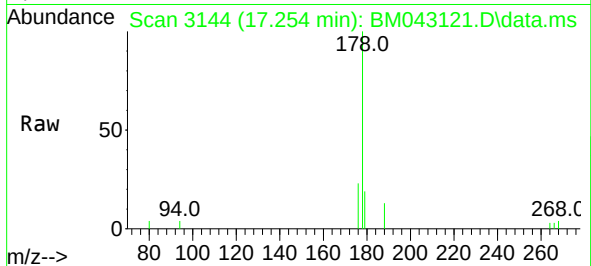
Tgt Ion:166 Resp: 212
Ion Ratio Lower Upper
166 100
165 102.0 79.9 119.9
167 41.4 14.2 21.4#





#15
Phenanthrene
Concen: 0.442 ng/ul
RT: 17.254 min Scan# 3144
Delta R.T. -0.006 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

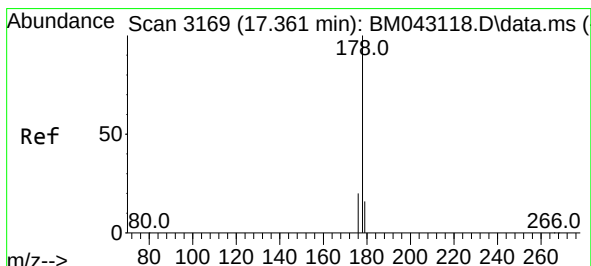
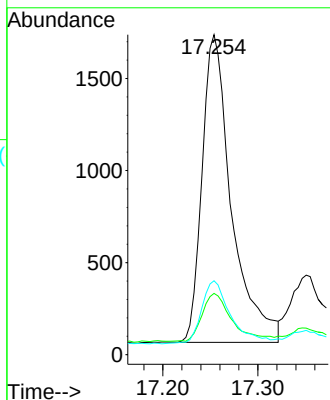
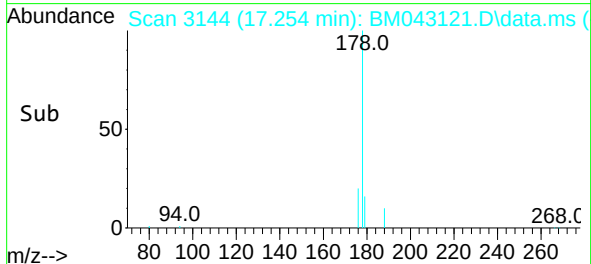
Instrument :
BNA_M
ClientSampleId :
C0AB7DL



Tgt Ion:178 Resp: 360
Ion Ratio Lower Upper
178 100
179 19.2 15.7 23.5
176 23.1 18.9 28.3

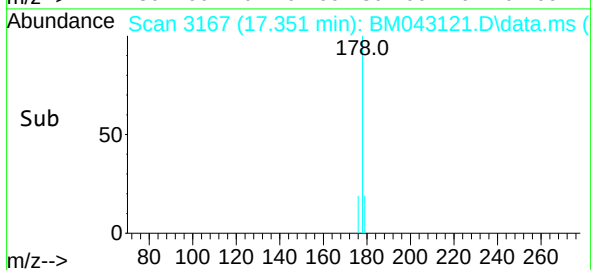
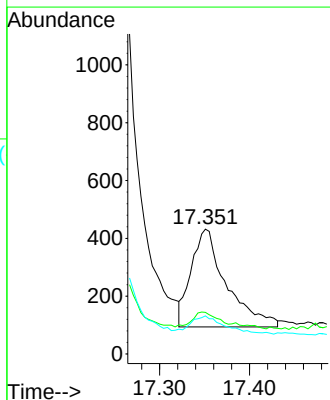
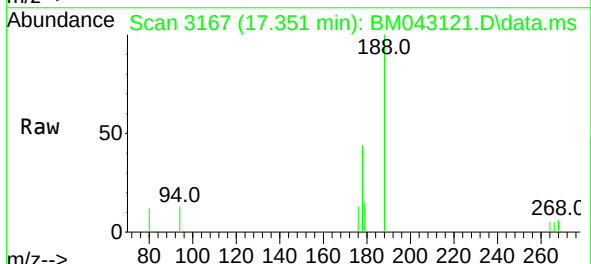
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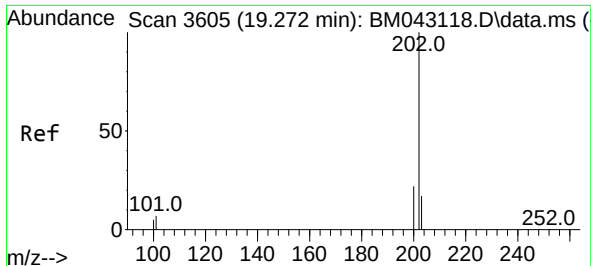
Reviewed By :Yogesh Patel 12/04/2023
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#16
Anthracene
Concen: 0.119 ng/ul m
RT: 17.351 min Scan# 3167
Delta R.T. -0.010 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

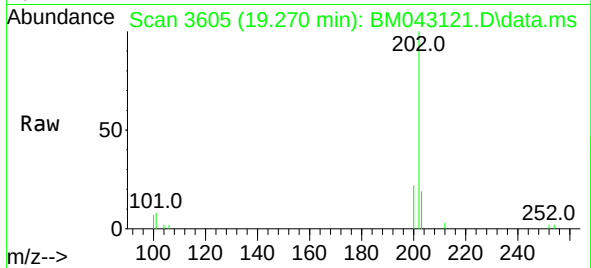
Tgt Ion:178 Resp: 917
Ion Ratio Lower Upper
178 100
179 33.3 17.3 25.9#
176 30.6 20.5 30.7





#19
Fluoranthene
Concen: 0.379 ng/u1
RT: 19.270 min Scan# 3605
Delta R.T. -0.001 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

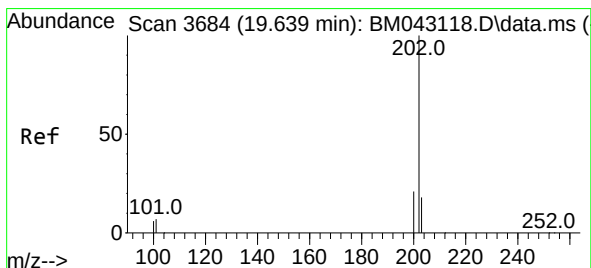
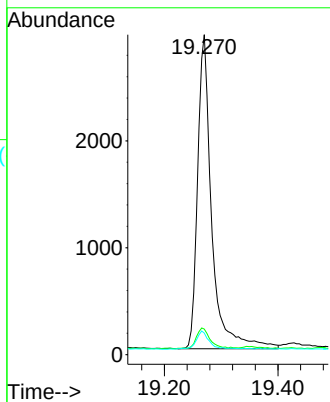
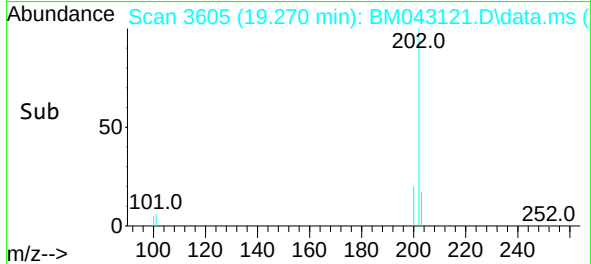
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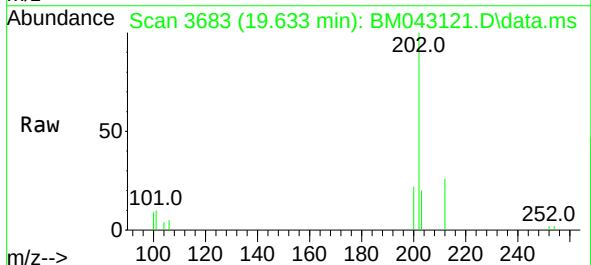
Tgt Ion:202 Resp: 5069
Ion Ratio Lower Upper
202 100
101 8.0 7.8 11.8
100 6.7 7.1 10.7

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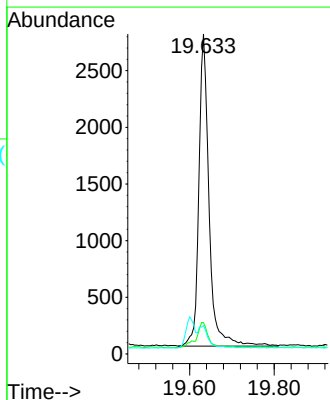
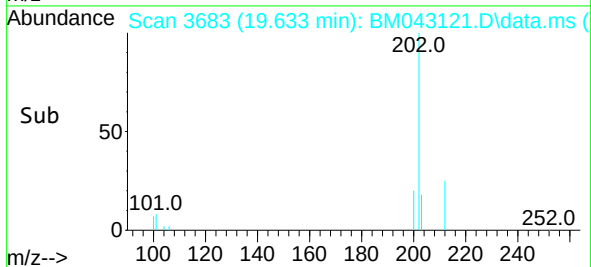
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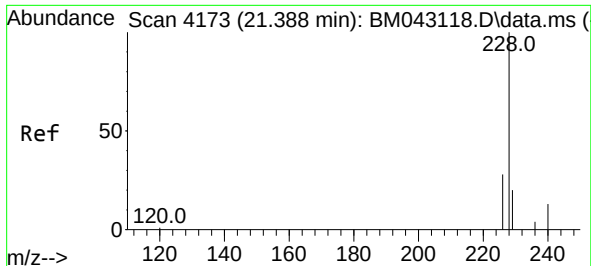


#20
Pyrene
Concen: 0.324 ng/u1
RT: 19.633 min Scan# 3683
Delta R.T. -0.006 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59



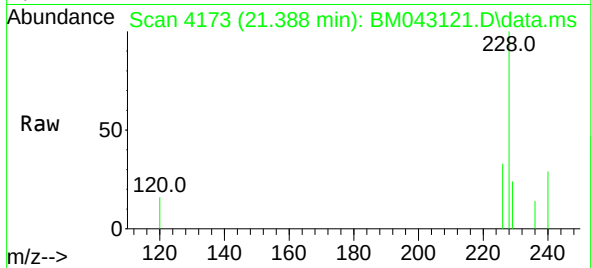
Tgt Ion:202 Resp: 4598
Ion Ratio Lower Upper
202 100
101 9.8 8.7 13.1
100 8.9 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.284 ng/u1
RT: 21.388 min Scan# 4173
Delta R.T. 0.000 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

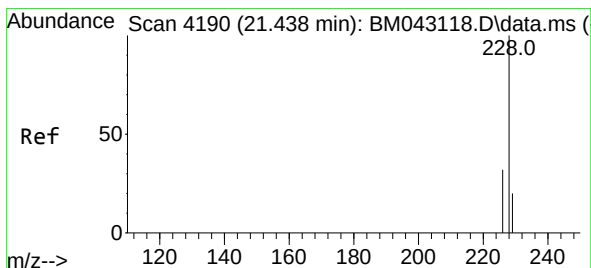
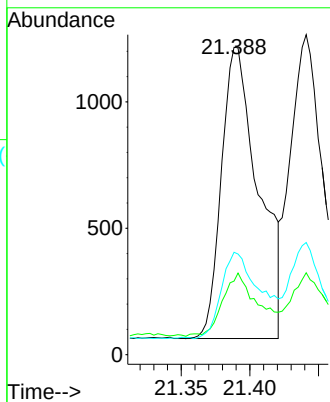
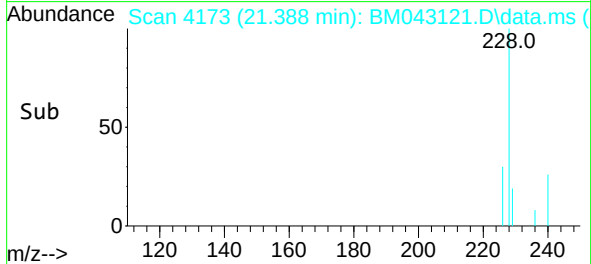
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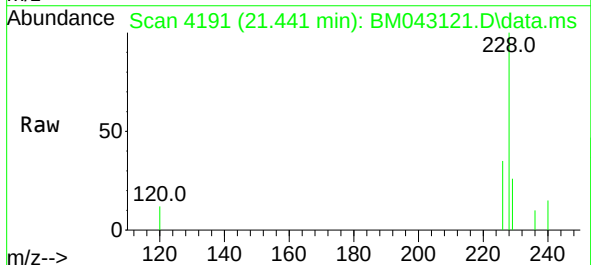
Tgt Ion:228 Resp: 2170
Ion Ratio Lower Upper
228 100
229 23.9 19.4 29.0
226 33.3 24.9 37.3

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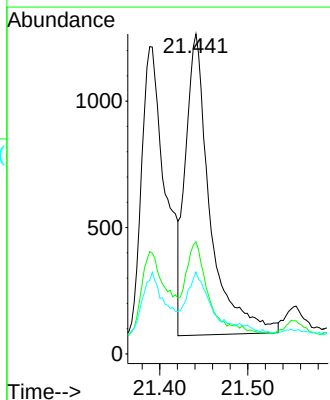
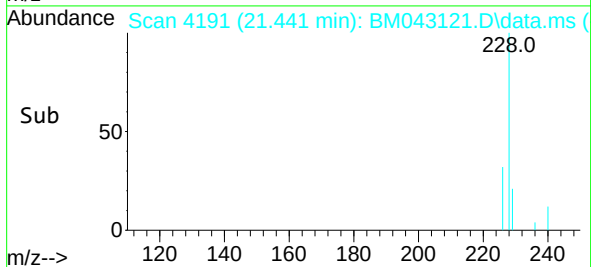
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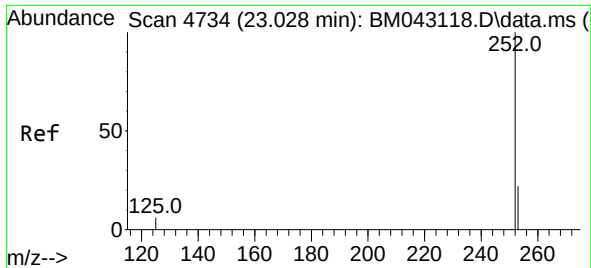


#22
Chrysene
Concen: 0.162 ng/u1
RT: 21.441 min Scan# 4191
Delta R.T. 0.003 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59



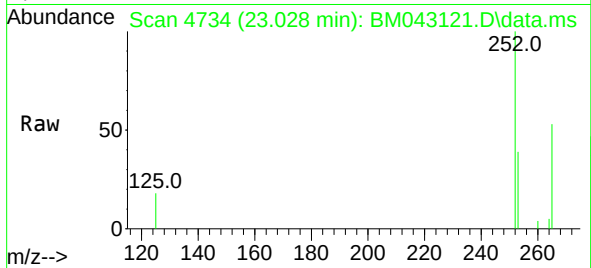
Tgt Ion:228 Resp: 2311
Ion Ratio Lower Upper
228 100
226 35.1 27.2 40.8
229 25.6 18.0 27.0





#24
Benzo(b)fluoranthene
Concen: 0.239 ng/ul
RT: 23.028 min Scan# 4734
Delta R.T. 0.000 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

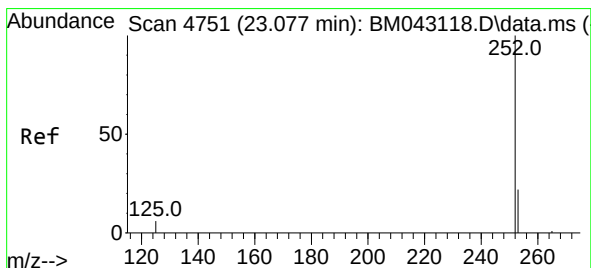
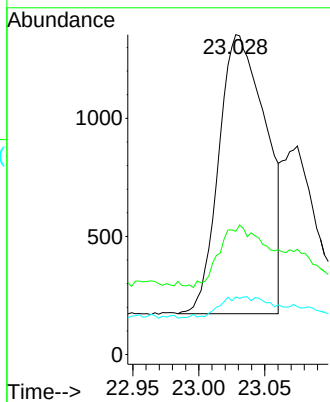
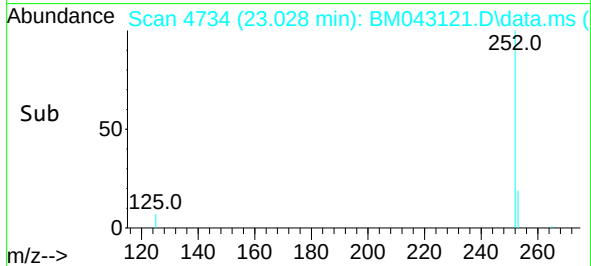
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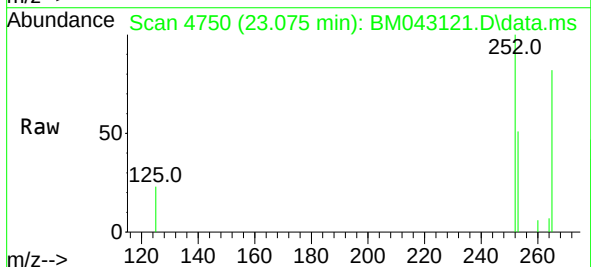
Tgt Ion:252 Resp: 292
Ion Ratio Lower Upper
252 100
253 38.6 0.0 71.8
125 18.0 0.0 29.0

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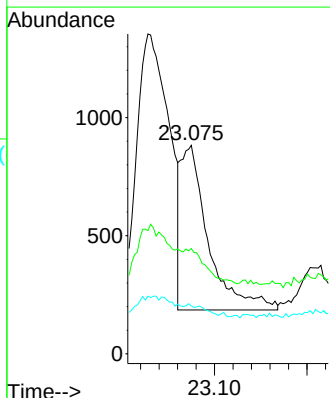
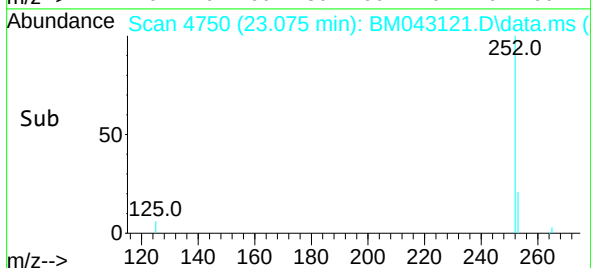
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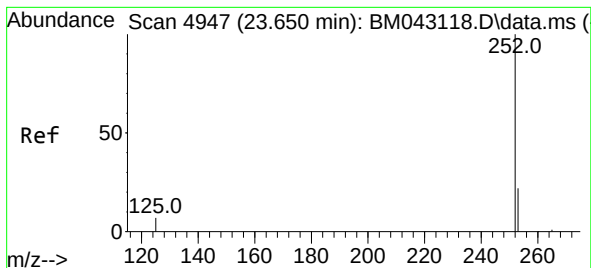


#25
Benzo(k)fluoranthene
Concen: 0.086 ng/ul m
RT: 23.075 min Scan# 4750
Delta R.T. -0.003 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59



Tgt Ion:252 Resp: 1441
Ion Ratio Lower Upper
252 100
253 50.5 28.2 42.2#
125 23.0 11.0 16.6#





#26

Benzo(a)pyrene

Concen: 0.150 ng/ul

RT: 23.642 min Scan# 4947

Delta R.T. -0.008 min

Lab File: BM043121.D

Acq: 01 Dec 2023 13:59

Instrument :

BNM

ClientSampleId :

C0AB7DL

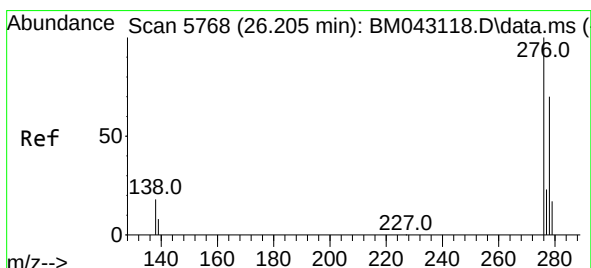
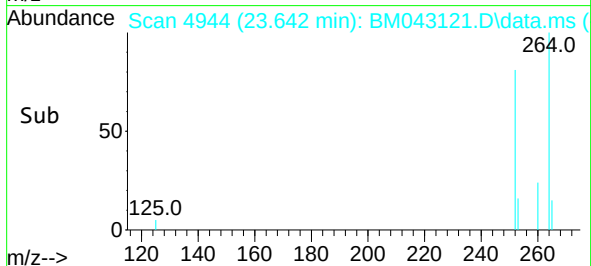
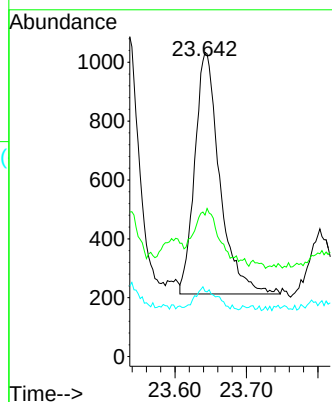
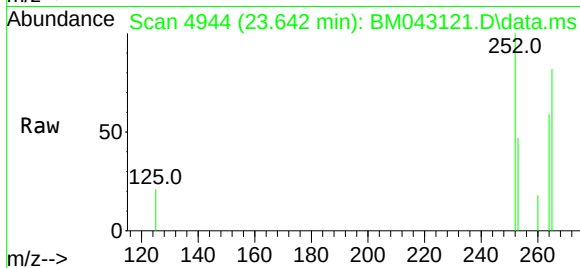
Tgt Ion:	252	Resp:	1998
Ion Ratio	Lower	Upper	
252	100		
253	46.5	36.6	55.0
125	21.5	16.2	24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.092 ng/ul

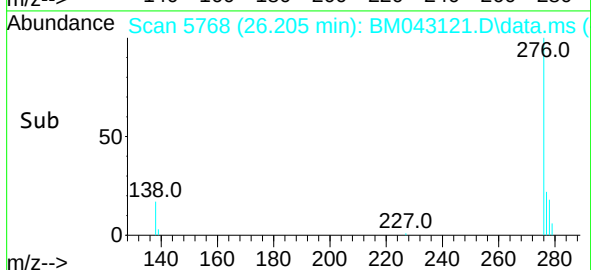
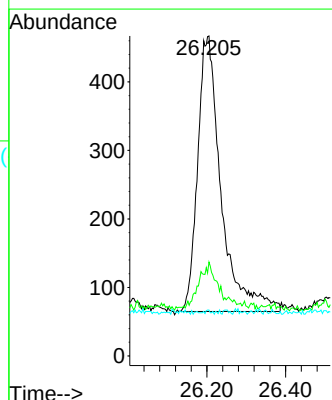
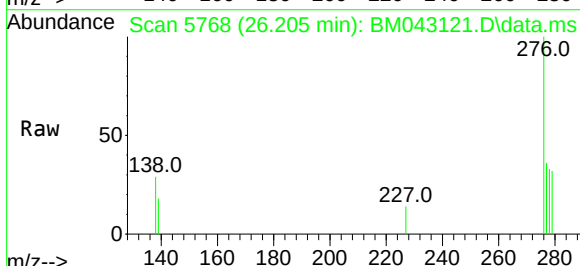
RT: 26.205 min Scan# 5768

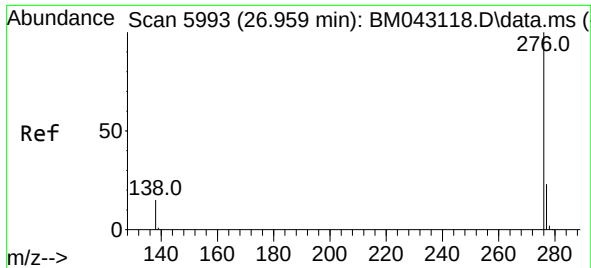
Delta R.T. 0.000 min

Lab File: BM043121.D

Acq: 01 Dec 2023 13:59

Tgt Ion:	276	Resp:	1662
Ion Ratio	Lower	Upper	
276	100		
138	13.7	0.0	0.0#
227	0.2	0.2	0.2#





#29

Benzo(g,h,i)perylene

Concen: 0.116 ng/ul

RT: 26.966 min Scan# 5995

Delta R.T. 0.007 min

Lab File: BM043121.D

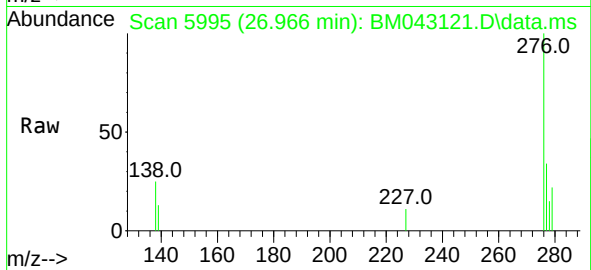
Acq: 01 Dec 2023 13:59

Instrument :

BNA_M

ClientSampleId :

C0AB7DL



Tgt Ion:276 Resp: 203

Ion Ratio Lower Upper

276 100

138 25.2 17.8 26.8

277 34.3 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023

