

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040941.D
 Acq On : 18 Jul 2023 02:50
 Operator : MA/JU
 Sample : 03458-24
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46L4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :Sohil Jodhani 07/18/2023

Quant Time: Jul 18 03:47:45 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 : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.849	152	5343	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.653	136	16931	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.500	164	7833	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.249	188	17019	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.442	240	11908	0.400	ng/ul	0.00
23) Perylene-d12	23.816	264	12880	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	20749	2.472	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	3377	0.142	ng/ul	-0.01
18) Fluoranthene-d10	19.283	212	5635	0.148	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.702	128	30171	0.646	ng/ul	100
7) 2-Methylnaphthalene	12.319	142	6551	0.239	ng/ul	99
8) 1-Methylnaphthalene	12.539	142	4809	0.175	ng/ul	98
10) Acenaphthylene	14.217	152	7807	0.223	ng/ul#	92
11) Acenaphthene	14.560	153	10981	0.372	ng/ul	97
12) Fluorene	15.550	166	12705	0.403	ng/ul	99
15) Phenanthrene	17.291	178	178519	3.377	ng/ul	99
16) Anthracene	17.384	178	32640	0.735	ng/ul	99
19) Fluoranthene	19.311	202	258405	5.109	ng/ul	96
20) Pyrene	19.673	202	111280	2.052	ng/ul	99
21) Benzo(a)anthracene	21.425	228	102175	2.537	ng/ul	99
22) Chrysene	21.478	228	100599	2.189	ng/ul	98
24) Benzo(b)fluoranthene	23.094	252	124691	2.502	ng/ul	92
25) Benzo(k)fluoranthene	23.138	252	48223m	0.982	ng/ul	
26) Benzo(a)pyrene	23.708	252	18539	0.413	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.263	276	24204	0.387	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.277	278	14589	0.298	ng/ul#	90
29) Benzo(g,h,i)perylene	27.018	276	1416	0.026	ng/ul#	12

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

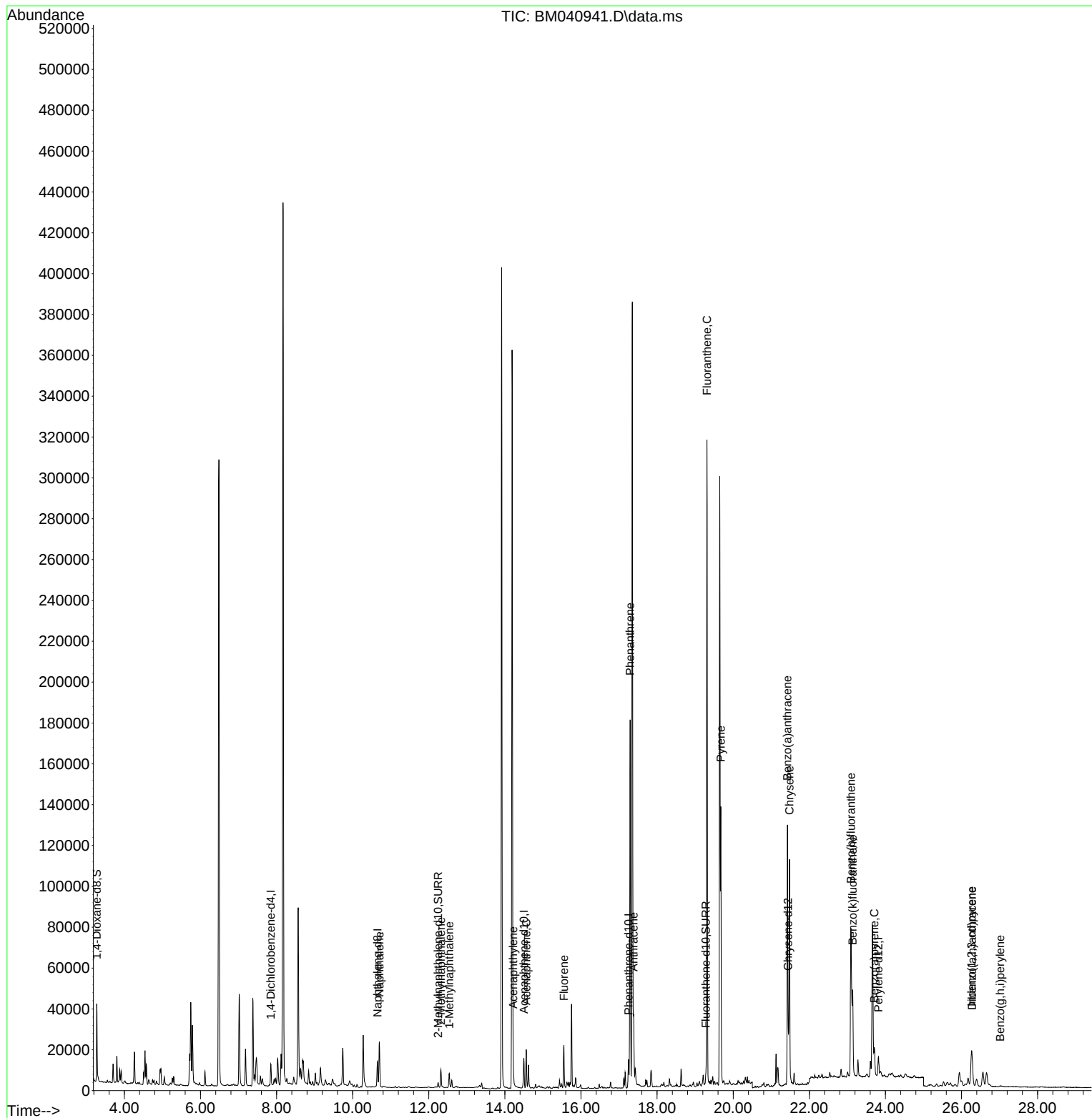
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
Data File : BM040941.D
Acq On : 18 Jul 2023 02:50
Operator : MA/JU
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ALS Vial : 26 Sample Multiplier: 1

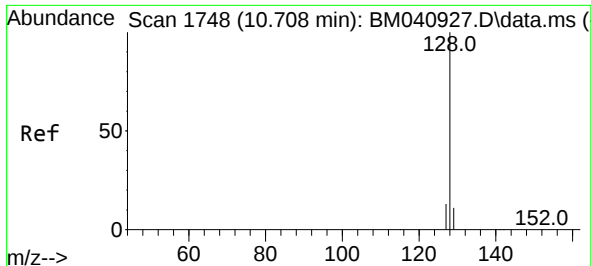
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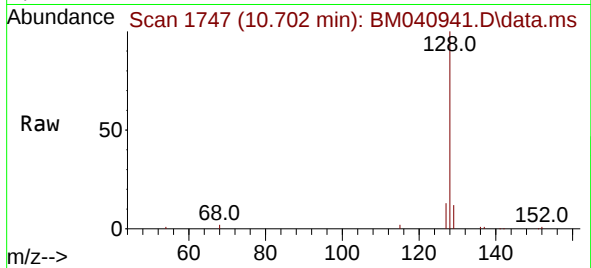
Quant Time: Jul 18 03:47:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 03:58:02 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.646 ng/ul
RT: 10.702 min Scan# 1747
Delta R.T. -0.011 min
Lab File: BM040941.D
Acq: 18 Jul 2023 02:50

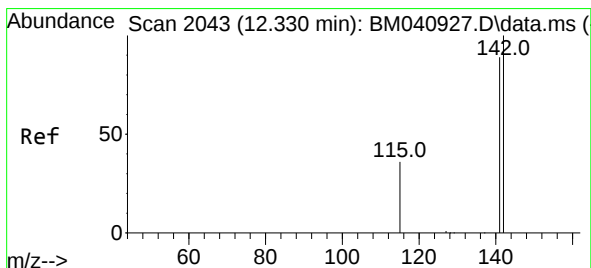
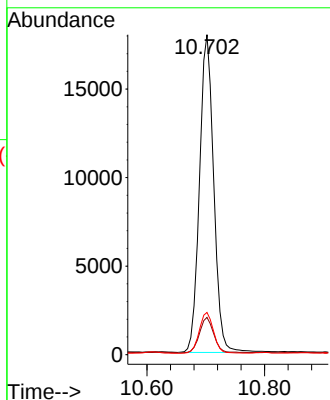
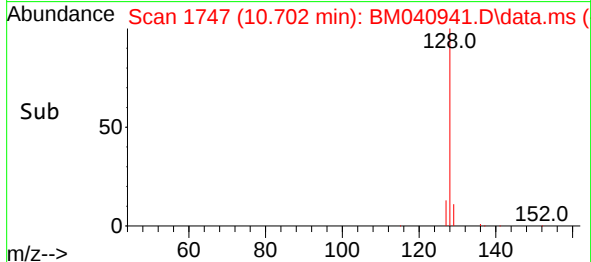
Instrument :
BNA_M
ClientSampleId :
A46L4



Tgt Ion:128 Resp: 3017
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.2 10.6 15.8

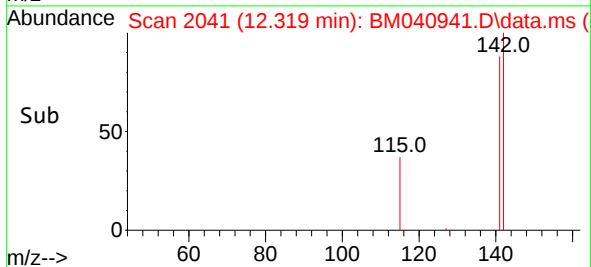
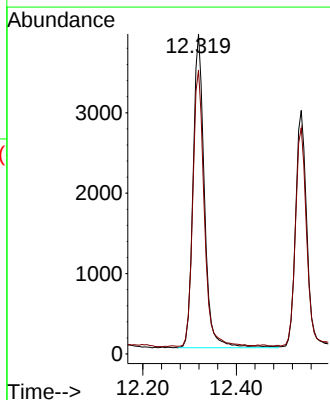
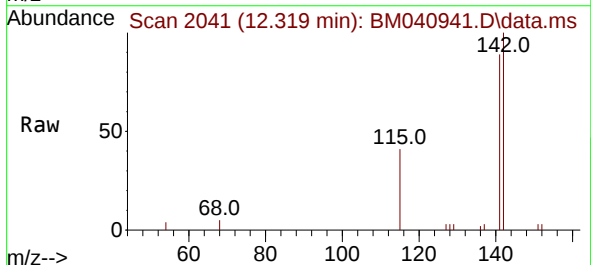
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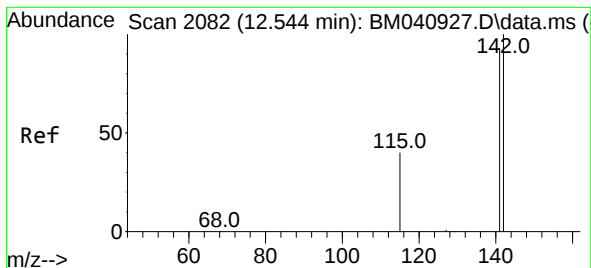
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023



#7
2-Methylnaphthalene
Concen: 0.239 ng/ul
RT: 12.319 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BM040941.D
Acq: 18 Jul 2023 02:50

Tgt Ion:142 Resp: 6551
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.175 ng/ul

RT: 12.539 min Scan# 2082

Delta R.T. -0.011 min

Lab File: BM040941.D

Acq: 18 Jul 2023 02:50

Instrument :

BNA_M

ClientSampleId :

A46L4

Tgt Ion:142 Resp: 4809

Ion Ratio Lower Upper

142 100

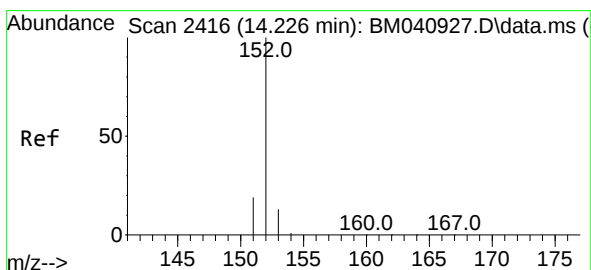
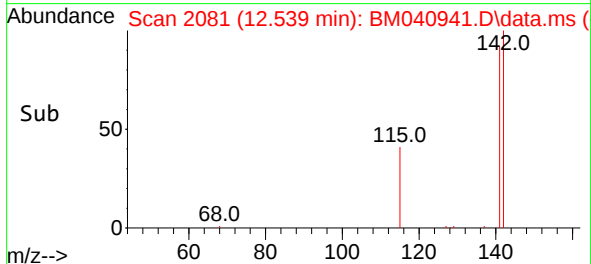
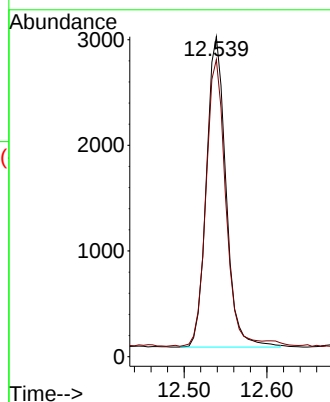
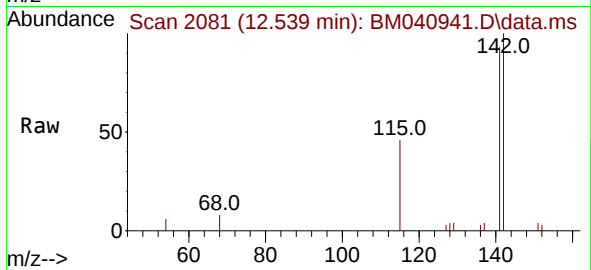
141 94.0 73.7 110.5

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#10

Acenaphthylene

Concen: 0.223 ng/ul

RT: 14.217 min Scan# 2414

Delta R.T. -0.014 min

Lab File: BM040941.D

Acq: 18 Jul 2023 02:50

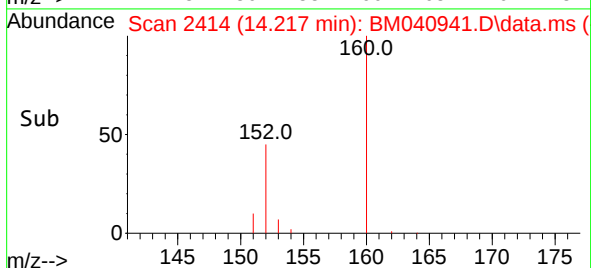
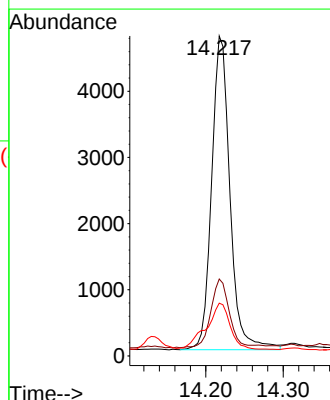
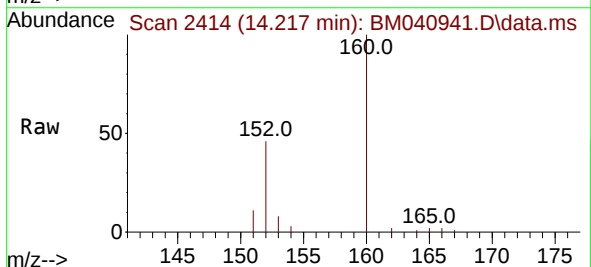
Tgt Ion:152 Resp: 7807

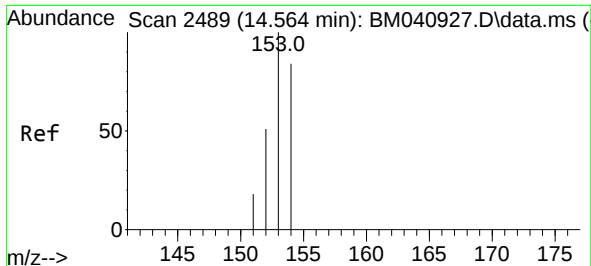
Ion Ratio Lower Upper

152 100

151 24.0 16.2 24.2

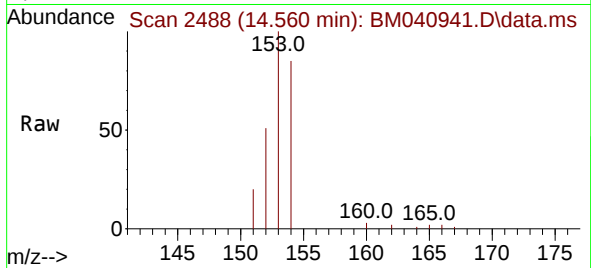
153 16.5 10.9 16.3#





#11
Acenaphthene
Concen: 0.372 ng/ul
RT: 14.560 min Scan# 2488
Delta R.T. -0.009 min
Lab File: BM040941.D
Acq: 18 Jul 2023 02:50

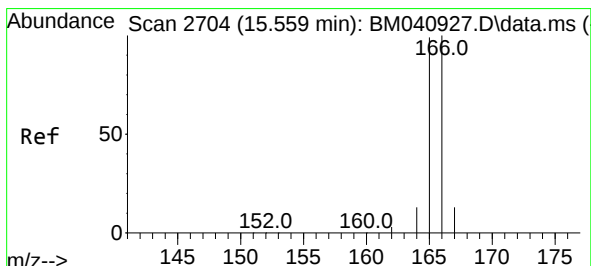
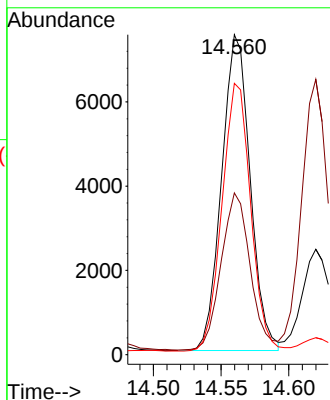
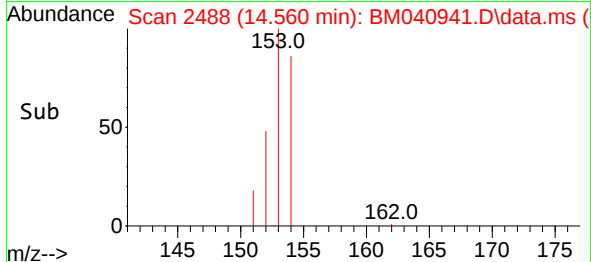
Instrument :
BNA_M
ClientSampleId :
A46L4



Tgt Ion:153 Resp: 1098
Ion Ratio Lower Upper
153 100
152 50.5 41.0 61.4
154 84.8 70.8 106.2

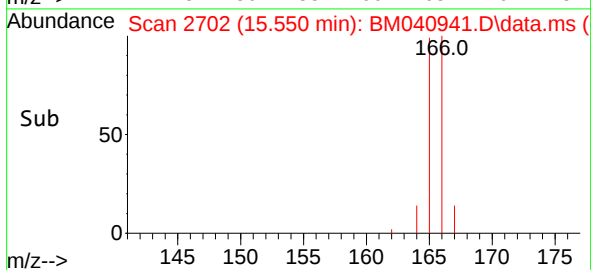
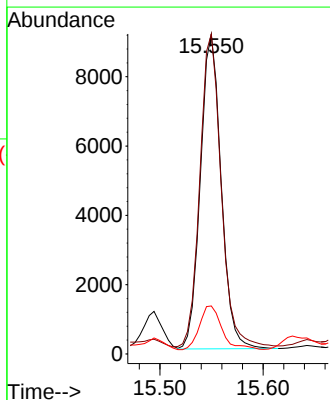
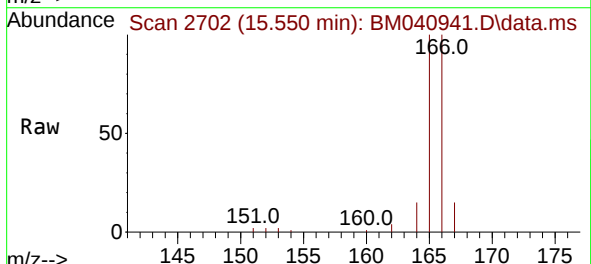
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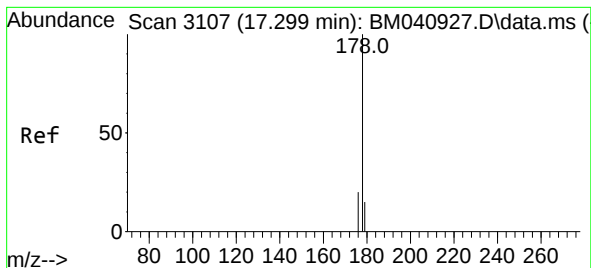
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023



#12
Fluorene
Concen: 0.403 ng/ul
RT: 15.550 min Scan# 2702
Delta R.T. -0.009 min
Lab File: BM040941.D
Acq: 18 Jul 2023 02:50

Tgt Ion:166 Resp: 12705
Ion Ratio Lower Upper
166 100
165 100.1 79.6 119.4
167 15.0 11.4 17.0





#15

Phenanthrene

Concen: 3.377 ng/ul

RT: 17.291 min Scan# 3105

Delta R.T. -0.013 min

Lab File: BM040941.D

Acq: 18 Jul 2023 02:50

Instrument :

BNA_M

ClientSampleId :

A46L4

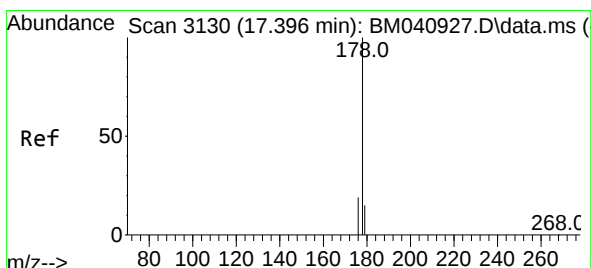
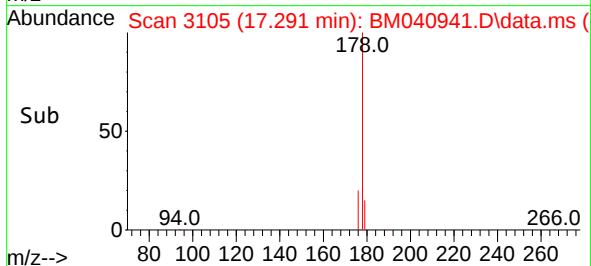
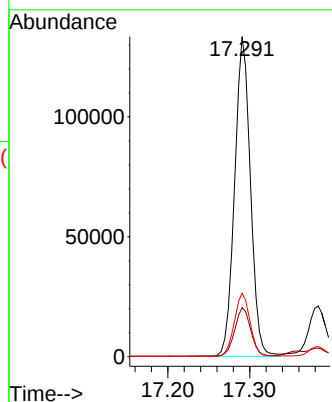
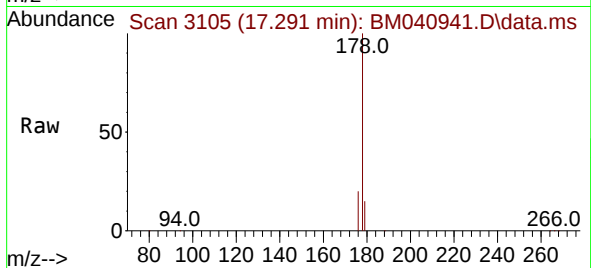
Tgt Ion:178 Resp: 178519

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	19.9	16.4	24.6

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#16

Anthracene

Concen: 0.735 ng/ul

RT: 17.384 min Scan# 3127

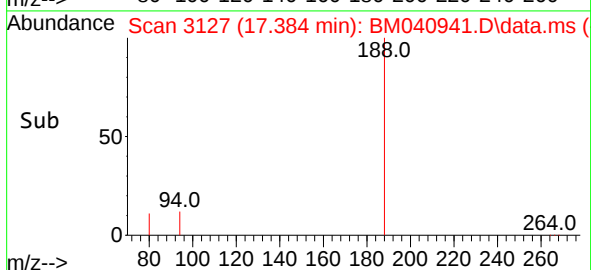
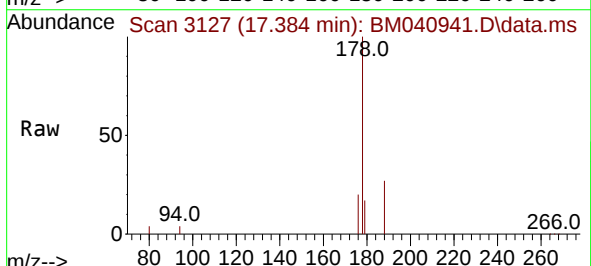
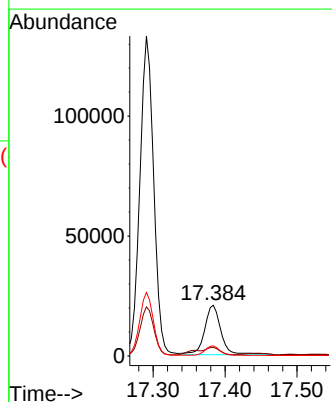
Delta R.T. -0.013 min

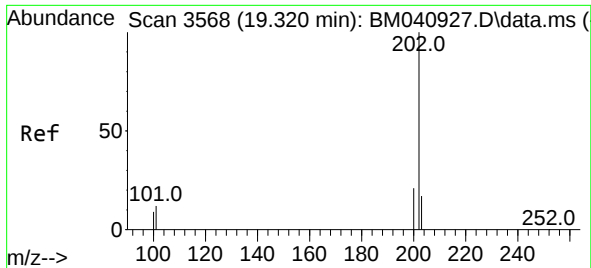
Lab File: BM040941.D

Acq: 18 Jul 2023 02:50

Tgt Ion:178 Resp: 32640

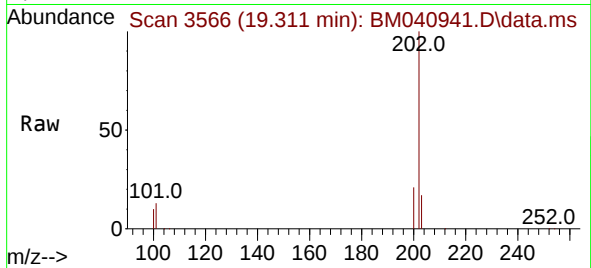
Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.9	19.3
176	19.7	15.8	23.6





#19
Fluoranthene
Concen: 5.109 ng/uI
RT: 19.311 min Scan# 3566
Delta R.T. -0.014 min
Lab File: BM040941.D
Acq: 18 Jul 2023 02:50

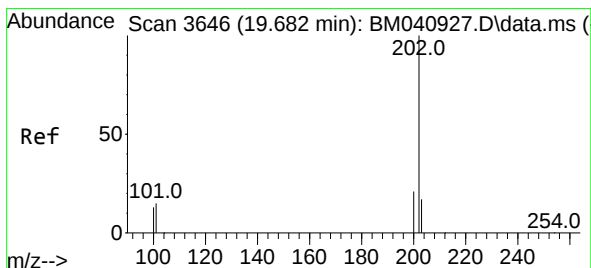
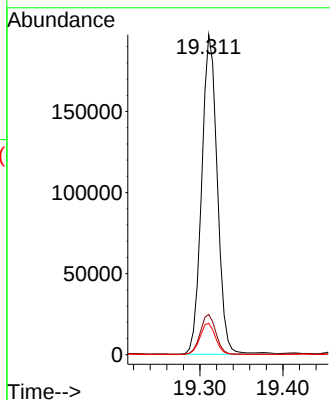
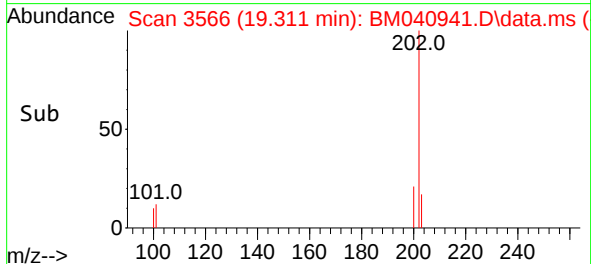
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ClientSampleId :
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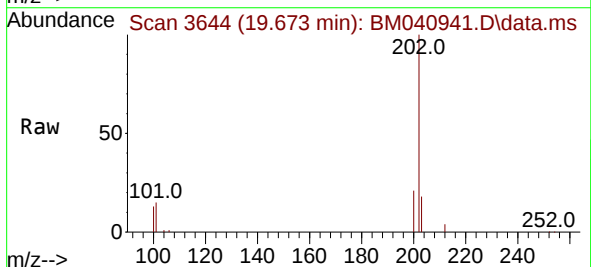
Tgt Ion:202 Resp: 25840
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 9.8 8.7 13.1

Manual Integrations
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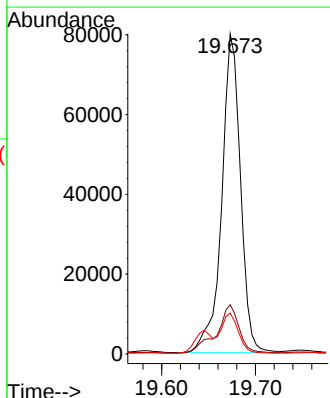
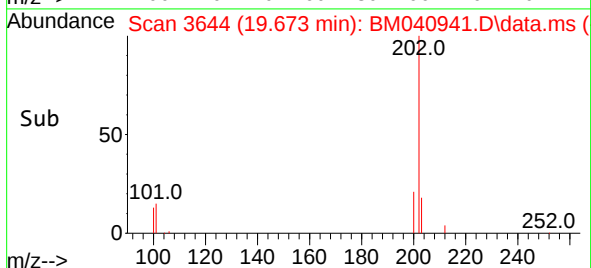
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023

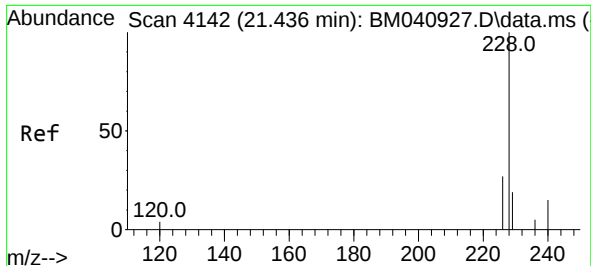


#20
Pyrene
Concen: 2.052 ng/uI
RT: 19.673 min Scan# 3644
Delta R.T. -0.014 min
Lab File: BM040941.D
Acq: 18 Jul 2023 02:50



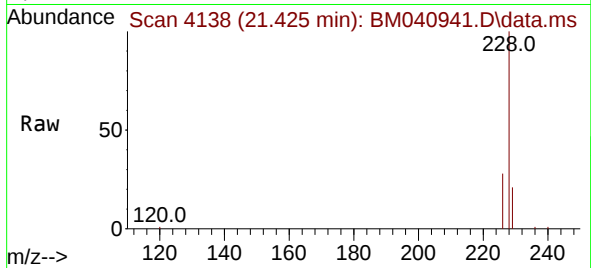
Tgt Ion:202 Resp: 111280
Ion Ratio Lower Upper
202 100
101 15.4 12.6 18.8
100 12.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.537 ng/ul
RT: 21.425 min Scan# 4113
Delta R.T. -0.009 min
Lab File: BM040941.D
Acq: 18 Jul 2023 02:50

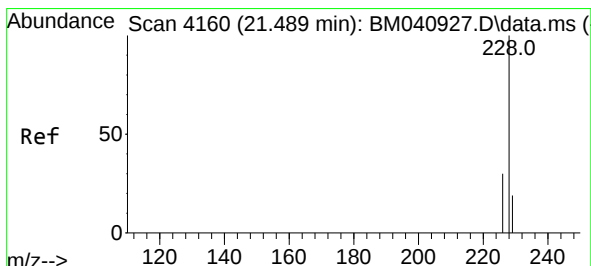
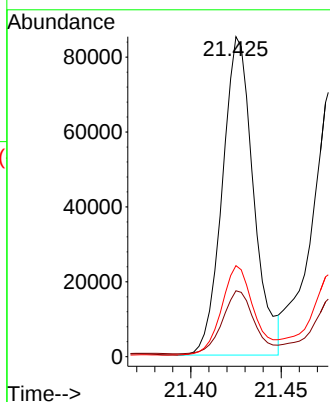
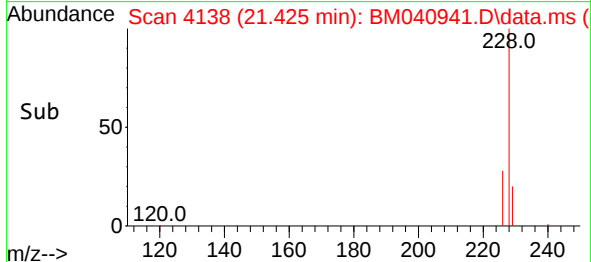
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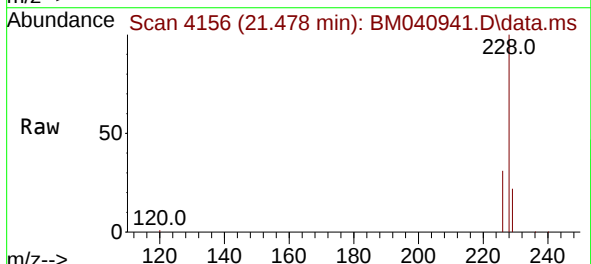
Tgt Ion:228 Resp: 102175
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.5 22.3 33.5

Manual Integrations
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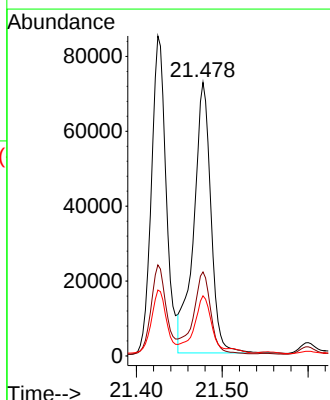
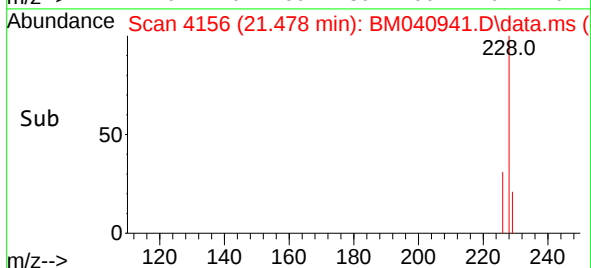
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023

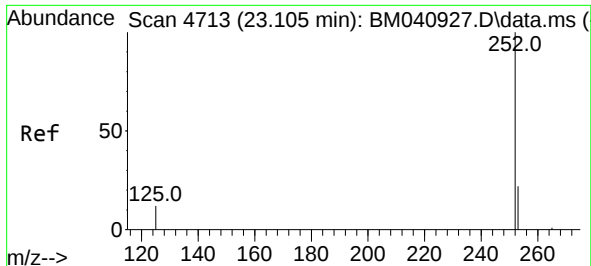


#22
Chrysene
Concen: 2.189 ng/ul
RT: 21.478 min Scan# 4156
Delta R.T. -0.009 min
Lab File: BM040941.D
Acq: 18 Jul 2023 02:50



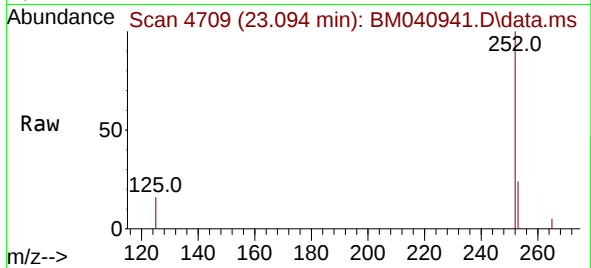
Tgt Ion:228 Resp: 100599
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 22.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.502 ng/ul
RT: 23.094 min Scan# 4713
Delta R.T. -0.009 min
Lab File: BM040941.D
Acq: 18 Jul 2023 02:50

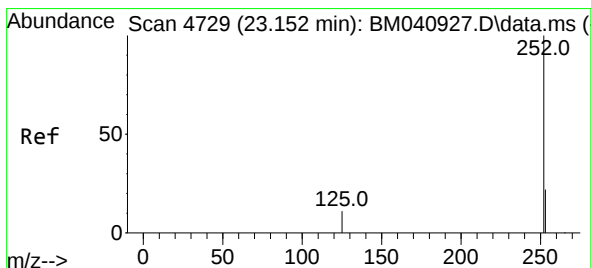
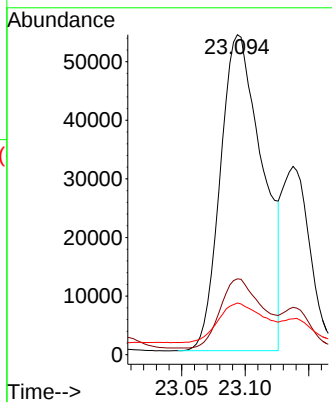
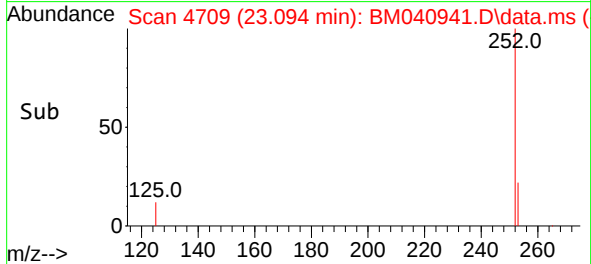
Instrument :
BNA_M
ClientSampleId :
A46L4



Tgt Ion:252 Resp: 12469
Ion Ratio Lower Upper
252 100
253 23.7 0.0 52.8
125 16.2 0.0 43.0

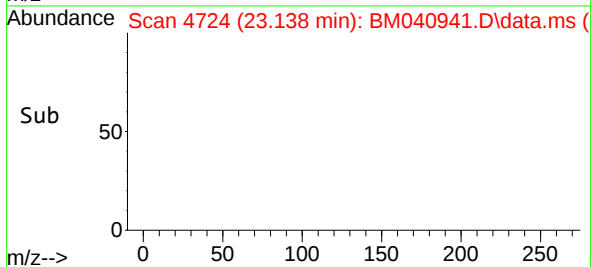
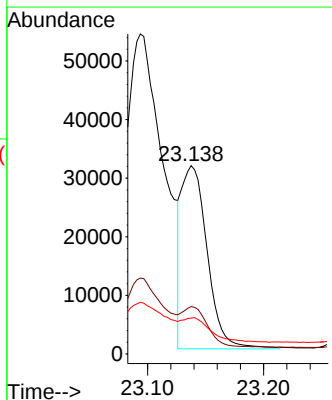
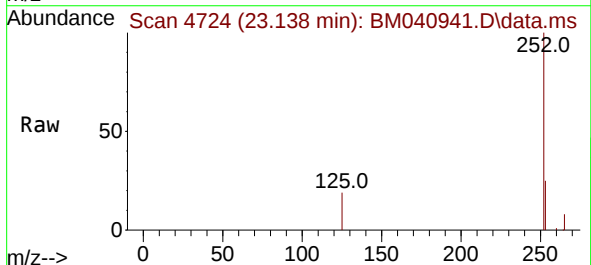
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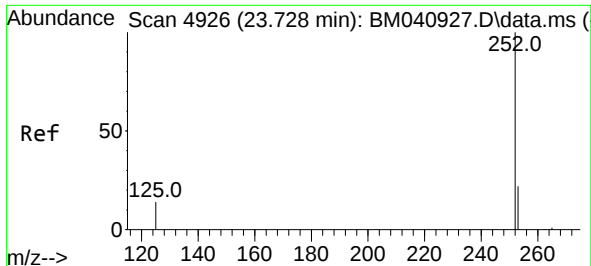
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023



#25
Benzo(k)fluoranthene
Concen: 0.982 ng/ul m
RT: 23.138 min Scan# 4724
Delta R.T. -0.012 min
Lab File: BM040941.D
Acq: 18 Jul 2023 02:50

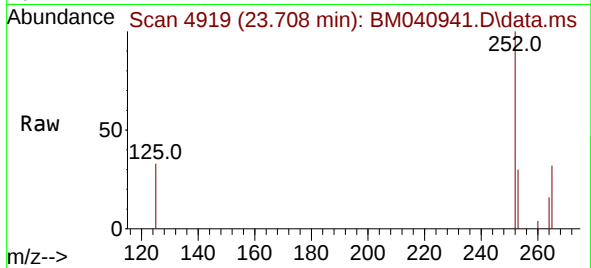
Tgt Ion:252 Resp: 48223
Ion Ratio Lower Upper
252 100
253 25.1 21.2 31.8
125 19.0 16.4 24.6





#26
Benzo(a)pyrene
Concen: 0.413 ng/ul
RT: 23.708 min Scan# 4919
Delta R.T. -0.015 min
Lab File: BM040941.D
Acq: 18 Jul 2023 02:50

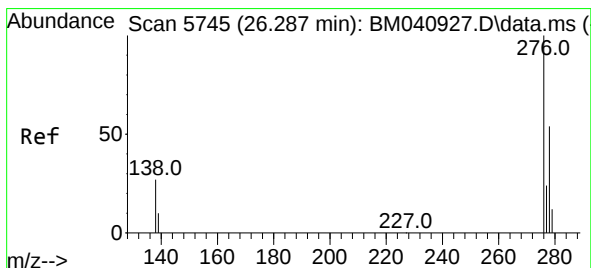
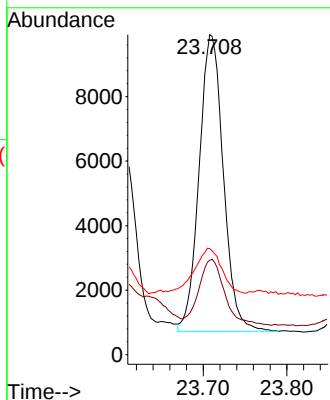
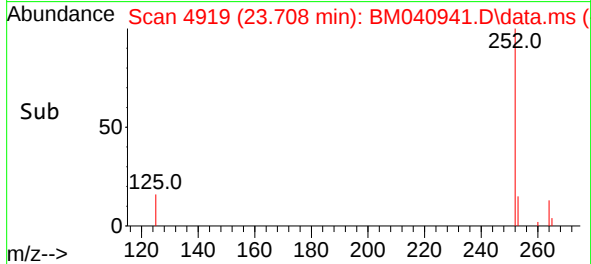
Instrument :
BNA_M
ClientSampleId :
A46L4



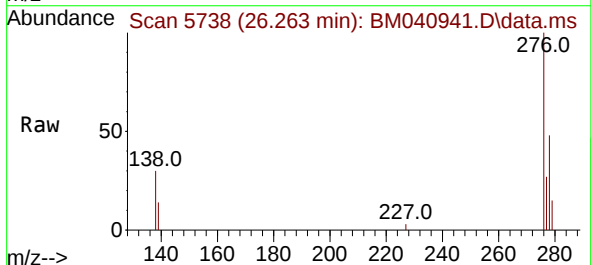
Tgt Ion:252 Resp: 18539
Ion Ratio Lower Upper
252 100
253 29.5 22.9 34.3
125 33.1 21.0 31.4

Manual Integrations
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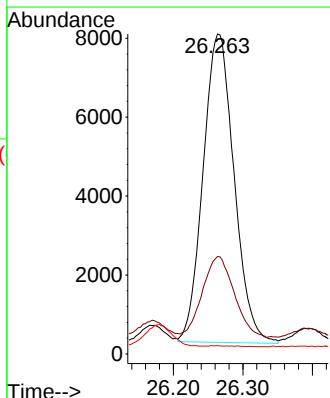
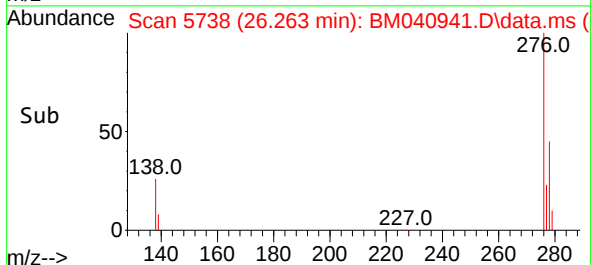
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023

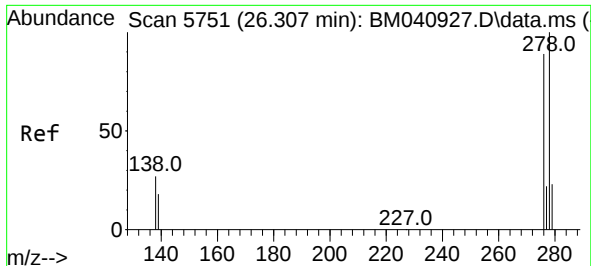


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng/ul
RT: 26.263 min Scan# 5738
Delta R.T. -0.027 min
Lab File: BM040941.D
Acq: 18 Jul 2023 02:50



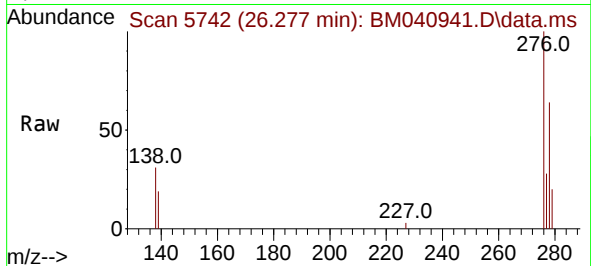
Tgt Ion:276 Resp: 24204
Ion Ratio Lower Upper
276 100
138 26.9 24.5 36.7
227 0.3 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.298 ng/ul
RT: 26.277 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM040941.D
Acq: 18 Jul 2023 02:50

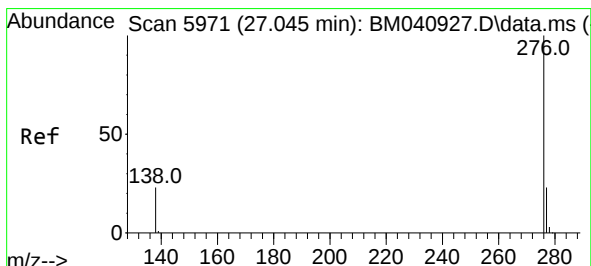
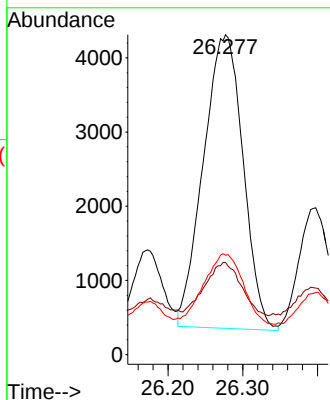
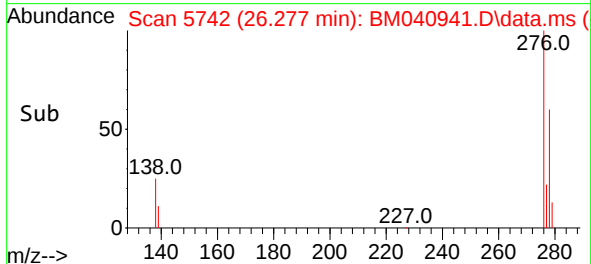
Instrument :
BNA_M
ClientSampleId :
A46L4



Tgt Ion:278 Resp: 14589
Ion Ratio Lower Upper
278 100
139 28.8 17.9 26.9#
279 31.1 22.0 33.0#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023



#29
Benzo(g,h,i)perylene
Concen: 0.026 ng/ul
RT: 27.018 min Scan# 5963
Delta R.T. -0.027 min
Lab File: BM040941.D
Acq: 18 Jul 2023 02:50

Tgt Ion:276 Resp: 1416
Ion Ratio Lower Upper
276 100
138 87.9 23.0 34.6#
277 57.0 20.3 30.5#

