

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
 Data File : BM042952.D
 Acq On : 22 Nov 2023 15:04
 Operator : MA/JU
 Sample : PB157010BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS010

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/25/2023
 Supervised By :mohammad ahmed 11/25/2023

Quant Time: Nov 23 00:11:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 22 10:35:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.868	152	548	0.400	ng/ul	0.03
4) Naphthalene-d8	10.645	136	1460	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.474	164	794	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	1684	0.400	ng/ul #	0.00
17) Chrysene-d12	21.420	240	1193	0.400	ng/ul	0.00
23) Perylene-d12	23.779	264	1754	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	714	0.829	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	605	0.329	ng/ul	0.02
18) Fluoranthene-d10	19.262	212	1305	0.336	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.202	88	1971	2.058	ng/ul#	49
5) Naphthalene	10.695	128	1428	0.310	ng/ul#	87
7) 2-Methylnaphthalene	12.333	142	782	0.291	ng/ul	99
8) 1-Methylnaphthalene	12.526	142	869	0.307	ng/ul	99
10) Acenaphthylene	14.206	152	1573	0.298	ng/ul	94
11) Acenaphthene	14.539	153	1143	0.309	ng/ul	99
12) Fluorene	15.538	166	1172	0.295	ng/ul#	98
14) Pentachlorophenol	16.892	266	532	0.568	ng/ul	95
15) Phenanthrene	17.281	178	1759	0.297	ng/ul	92
16) Anthracene	17.386	178	1738m	0.283	ng/ul	
19) Fluoranthene	19.295	202	2347	0.311	ng/ul	98
20) Pyrene	19.657	202	2538	0.313	ng/ul	96
21) Benzo(a)anthracene	21.406	228	1522	0.272	ng/ul	98
22) Chrysene	21.458	228	2446	0.338	ng/ul	98
24) Benzo(b)fluoranthene	23.051	252	2031	0.288	ng/ul	98
25) Benzo(k)fluoranthene	23.101	252	2806	0.319	ng/ul	99
26) Benzo(a)pyrene	23.677	252	2223	0.307	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.252	276	2951	0.304	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.262	278	2184	0.302	ng/ul	95
29) Benzo(g,h,i)perylene	27.013	276	2674	0.324	ng/ul	99

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

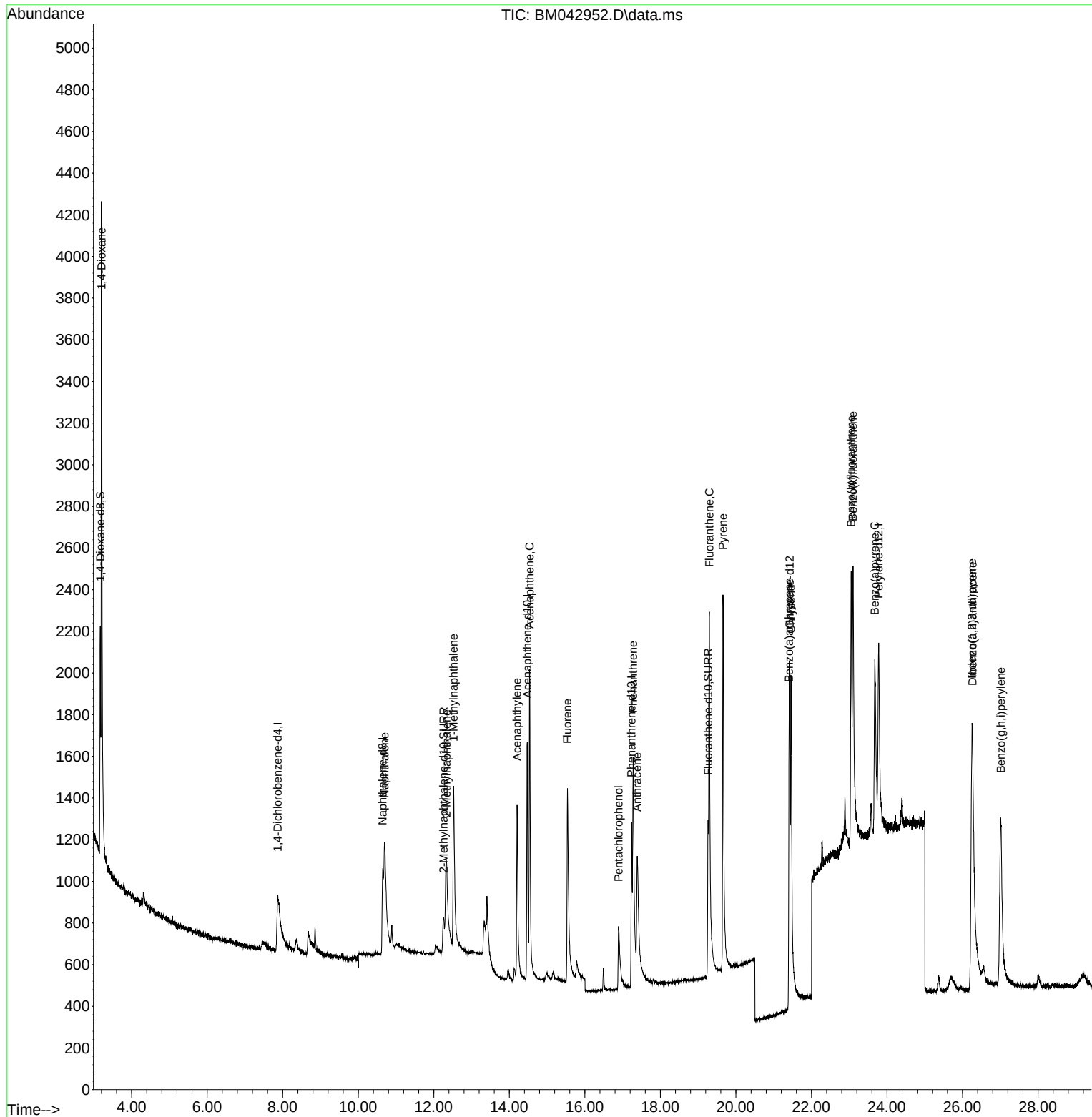
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
Data File : BM042952.D
Acq On : 22 Nov 2023 15:04
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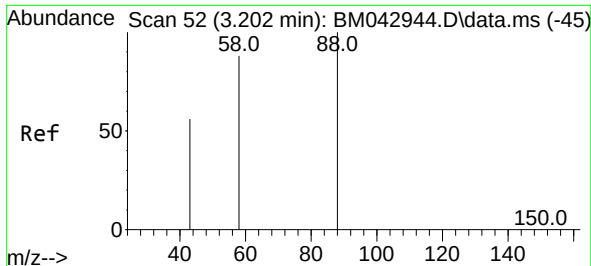
Instrument :
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SLCS010

Quant Time: Nov 23 00:11:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 22 10:35:26 2023
Response via : Initial Calibration

Manual Integrations
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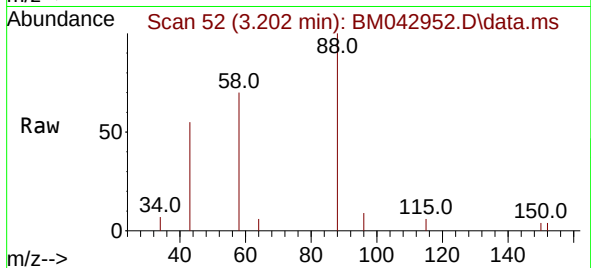
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023





#2
1,4-Dioxane
Concen: 2.058 ng/ul
RT: 3.202 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042952.D
Acq: 22 Nov 2023 15:04

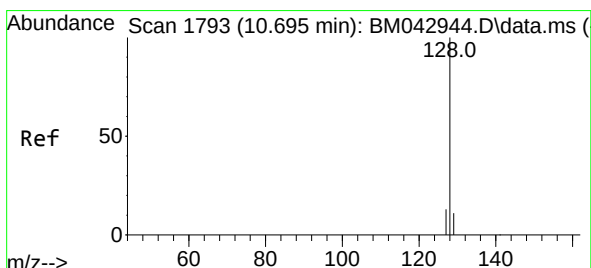
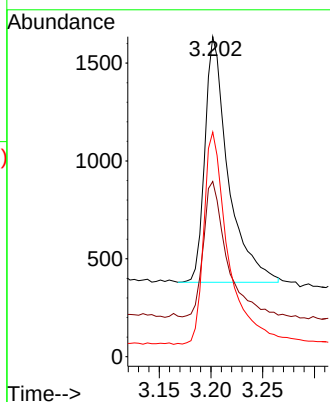
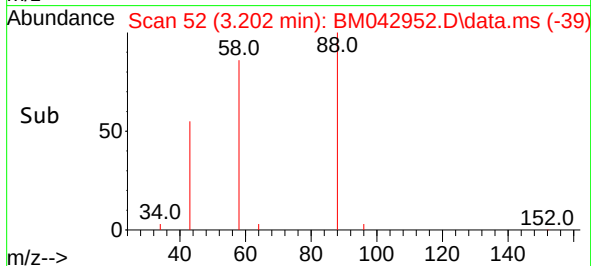
Instrument :
BNA_M
ClientSampleId :
SLCS010



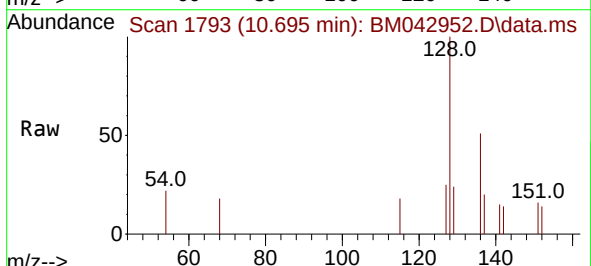
Tgt Ion: 88 Resp: 197
Ion Ratio Lower Upper
88 100
43 54.7 30.5 45.7
58 70.2 21.8 32.6

Manual Integrations
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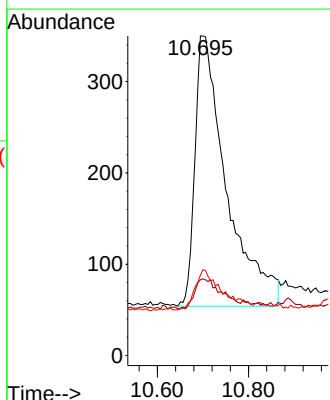
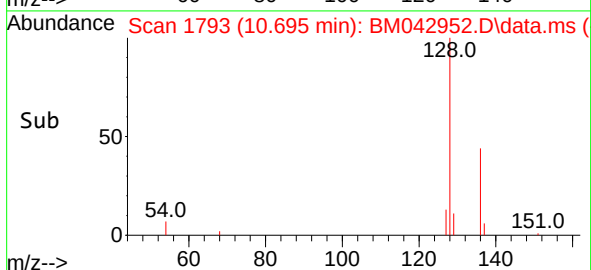
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023

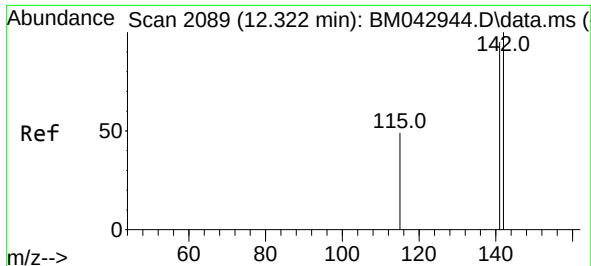


#5
Naphthalene
Concen: 0.310 ng/ul
RT: 10.695 min Scan# 1793
Delta R.T. 0.012 min
Lab File: BM042952.D
Acq: 22 Nov 2023 15:04



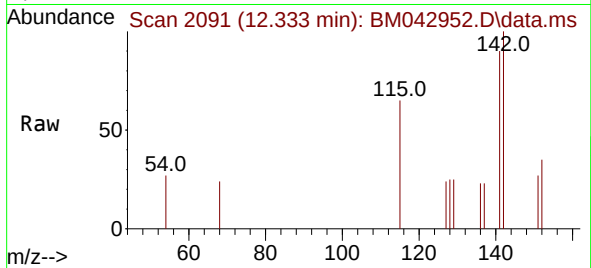
Tgt Ion:128 Resp: 1428
Ion Ratio Lower Upper
128 100
129 23.7 14.2 21.4#
127 25.1 15.8 23.6#





#7
2-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.333 min Scan# 2091
Delta R.T. 0.023 min
Lab File: BM042952.D
Acq: 22 Nov 2023 15:04

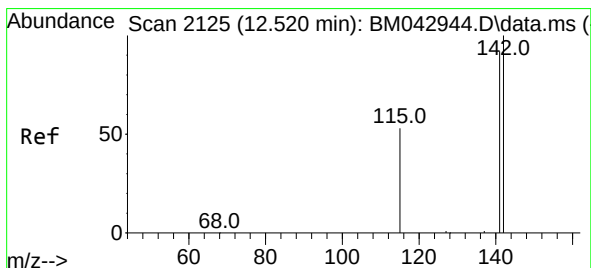
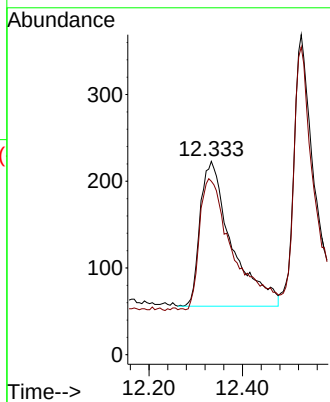
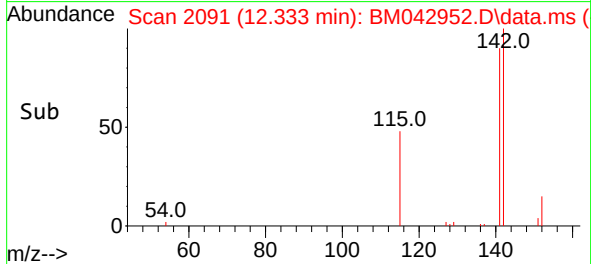
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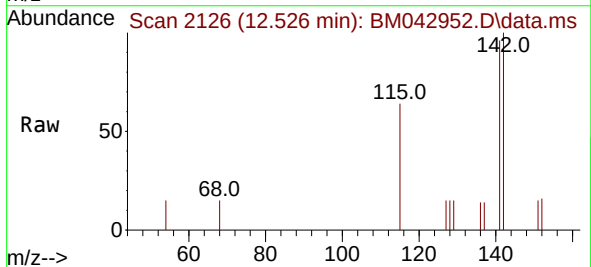
Tgt Ion:142 Resp: 782
Ion Ratio Lower Upper
142 100
141 97.6 77.2 115.8

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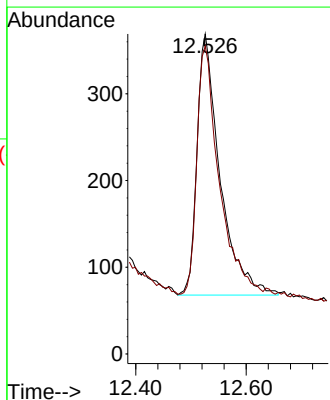
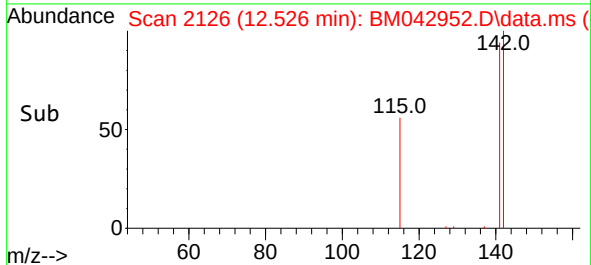
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023

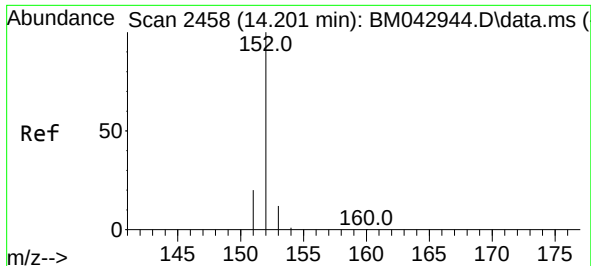


#8
1-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.526 min Scan# 2126
Delta R.T. 0.007 min
Lab File: BM042952.D
Acq: 22 Nov 2023 15:04



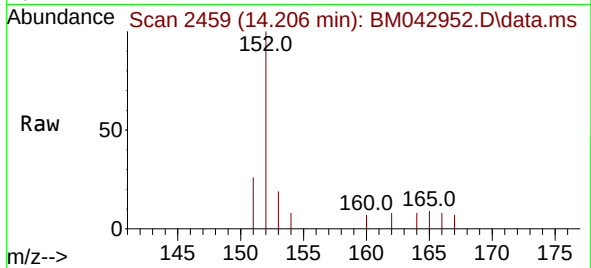
Tgt Ion:142 Resp: 869
Ion Ratio Lower Upper
142 100
141 91.9 74.6 112.0





#10
Acenaphthylene
Concen: 0.298 ng/u1
RT: 14.206 min Scan# 2458
Delta R.T. 0.006 min
Lab File: BM042952.D
Acq: 22 Nov 2023 15:04

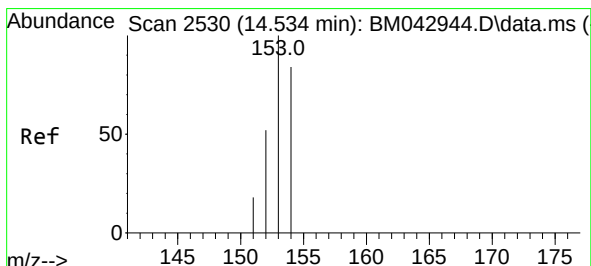
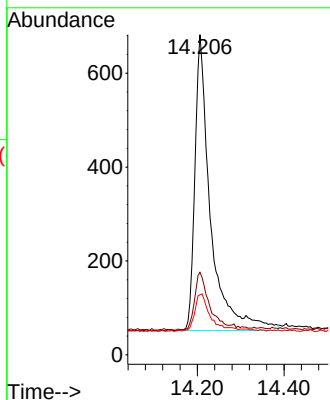
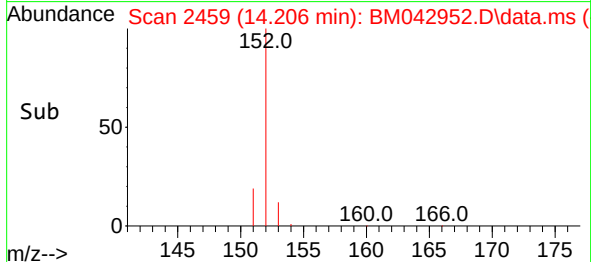
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 157
Ion Ratio Lower Upper
152 100
151 25.8 18.5 27.7
153 18.8 12.9 19.3

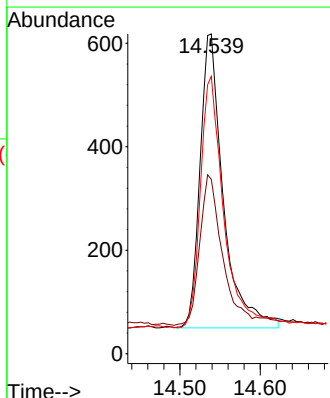
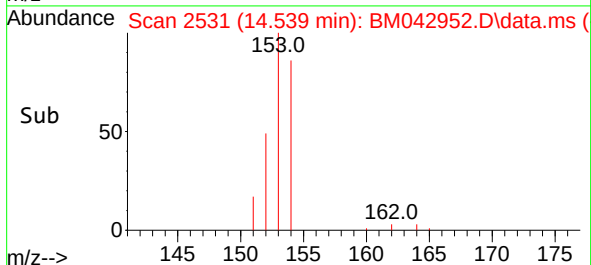
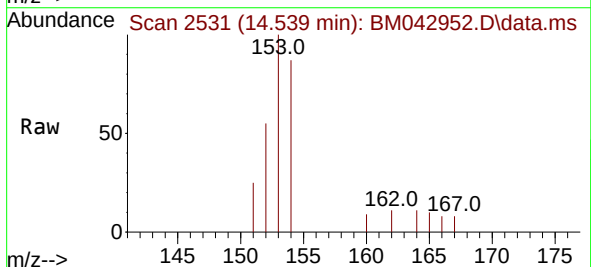
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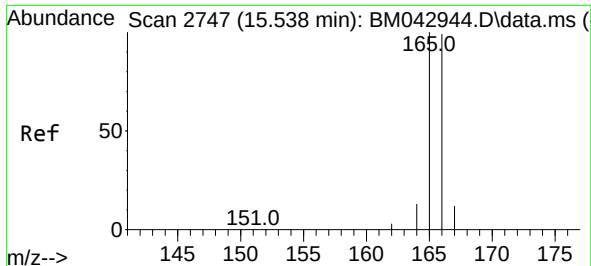
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#11
Acenaphthene
Concen: 0.309 ng/u1
RT: 14.539 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BM042952.D
Acq: 22 Nov 2023 15:04

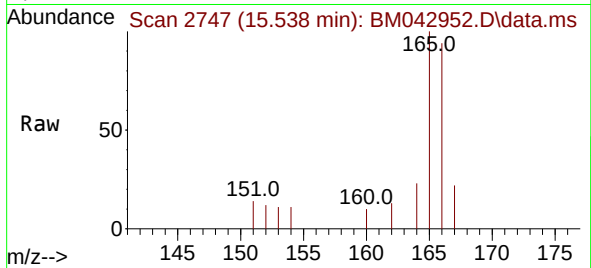
Tgt Ion:153 Resp: 1143
Ion Ratio Lower Upper
153 100
152 54.5 43.3 64.9
154 86.7 70.6 105.8





#12
Fluorene
Concen: 0.295 ng/ul
RT: 15.538 min Scan# 21
Delta R.T. 0.011 min
Lab File: BM042952.D
Acq: 22 Nov 2023 15:04

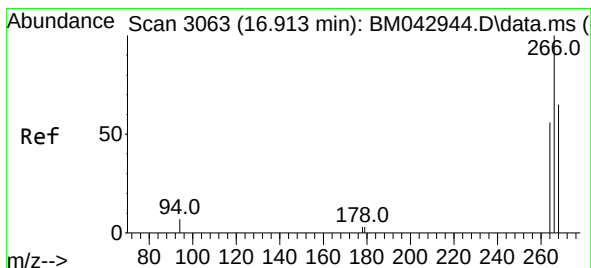
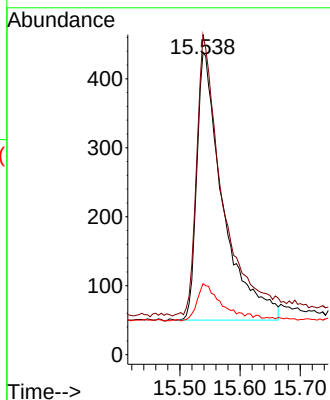
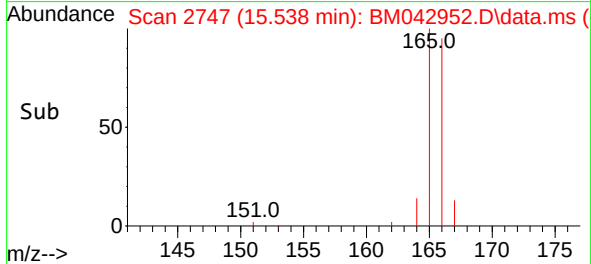
Instrument :
BNA_M
ClientSampleId :
SLCS010



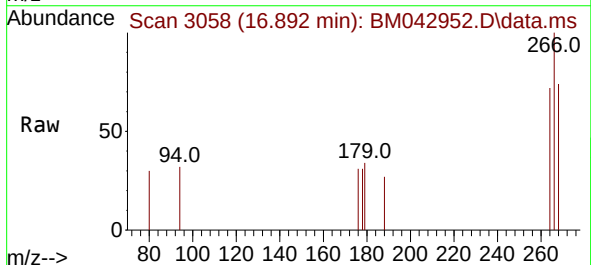
Tgt Ion:166 Resp: 117
Ion Ratio Lower Upper
166 100
165 105.9 84.3 126.5
167 23.5 15.0 22.6

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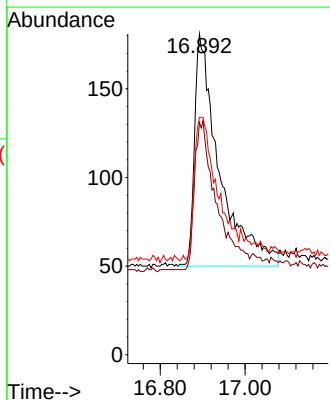
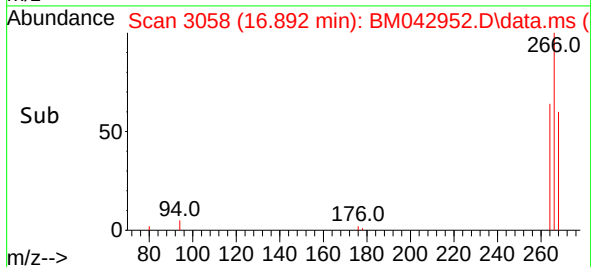
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023

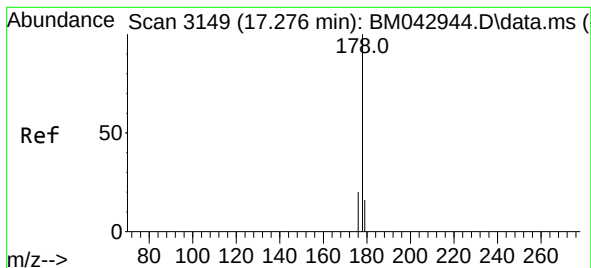


#14
Pentachlorophenol
Concen: 0.568 ng/ul
RT: 16.892 min Scan# 3058
Delta R.T. 0.001 min
Lab File: BM042952.D
Acq: 22 Nov 2023 15:04



Tgt Ion:266 Resp: 532
Ion Ratio Lower Upper
266 100
264 60.0 52.2 78.2
268 62.6 48.0 72.0





#15

Phenanthrene

Concen: 0.297 ng/ul

RT: 17.281 min Scan# 3150

Delta R.T. 0.010 min

Lab File: BM042952.D

Acq: 22 Nov 2023 15:04

Instrument :

BNA_M

ClientSampleId :

SLCS010

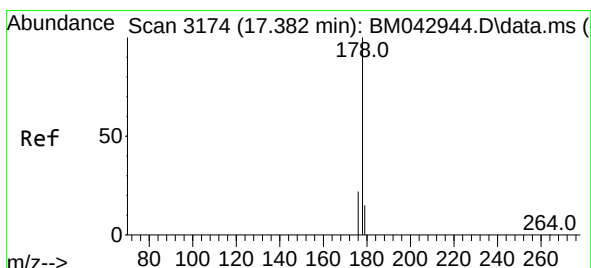
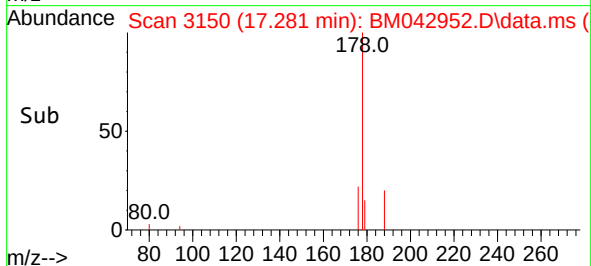
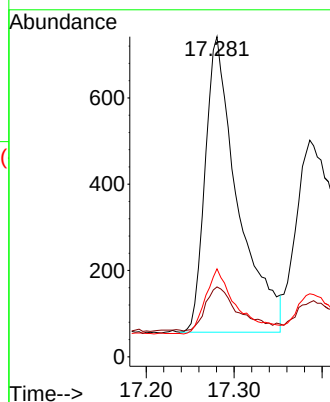
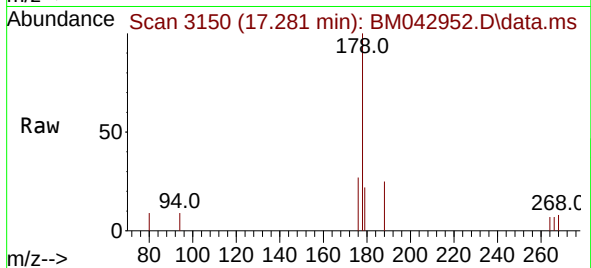
Tgt Ion:	178	Resp:	1759
Ion Ratio	Lower	Upper	
178	100		
179	21.8	14.9	22.3
176	27.5	18.6	27.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/25/2023



#16

Anthracene

Concen: 0.283 ng/ul m

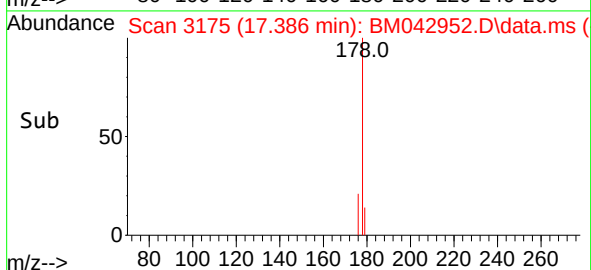
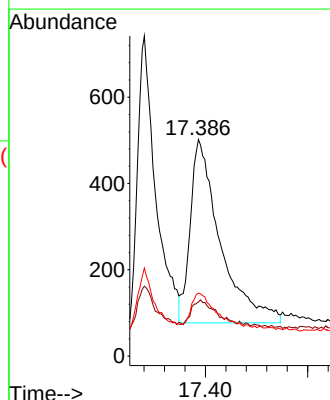
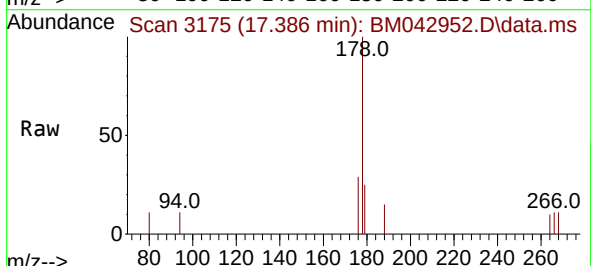
RT: 17.386 min Scan# 3175

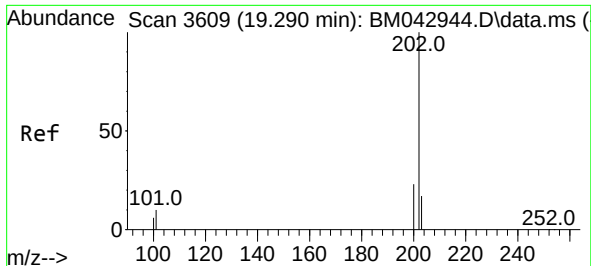
Delta R.T. 0.014 min

Lab File: BM042952.D

Acq: 22 Nov 2023 15:04

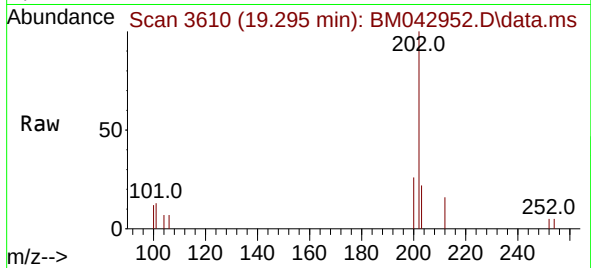
Tgt Ion:	178	Resp:	1738
Ion Ratio	Lower	Upper	
178	100		
179	25.1	16.6	24.8#
176	29.1	20.3	30.5





#19
Fluoranthene
Concen: 0.311 ng/ul
RT: 19.295 min Scan# 3610
Delta R.T. 0.011 min
Lab File: BM042952.D
Acq: 22 Nov 2023 15:04

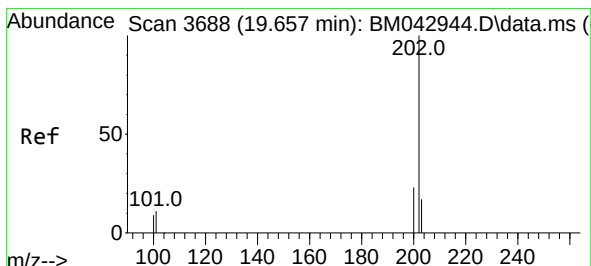
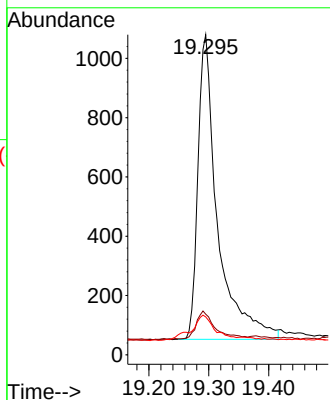
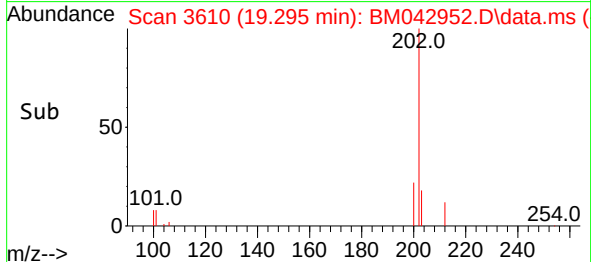
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Tgt Ion:202 Resp: 234
Ion Ratio Lower Upper
202 100
101 12.7 10.2 15.4
100 11.9 8.2 12.2

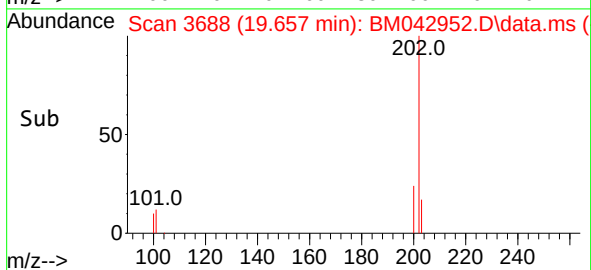
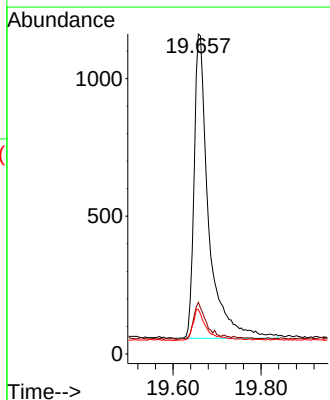
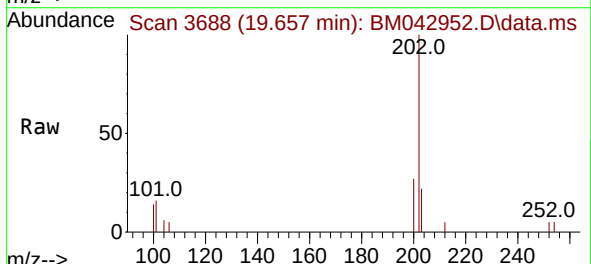
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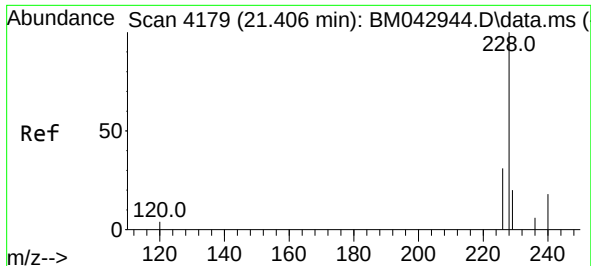
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#20
Pyrene
Concen: 0.313 ng/ul
RT: 19.657 min Scan# 3688
Delta R.T. 0.006 min
Lab File: BM042952.D
Acq: 22 Nov 2023 15:04

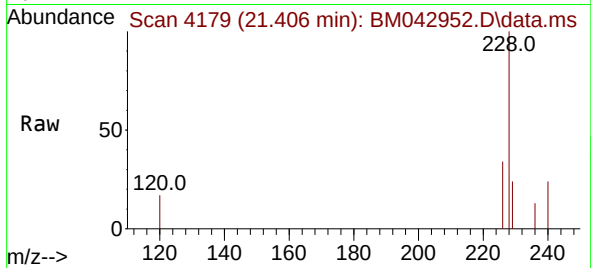
Tgt Ion:202 Resp: 2538
Ion Ratio Lower Upper
202 100
101 16.1 11.2 16.8
100 13.9 10.3 15.5





#21
Benzo(a)anthracene
Concen: 0.272 ng/ul
RT: 21.406 min Scan# 4179
Delta R.T. 0.005 min
Lab File: BM042952.D
Acq: 22 Nov 2023 15:04

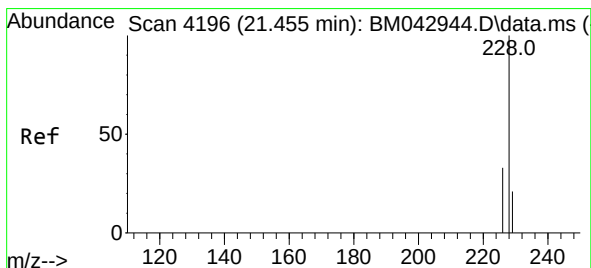
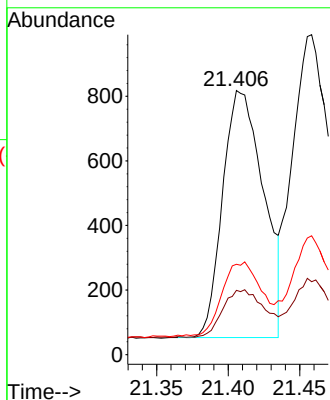
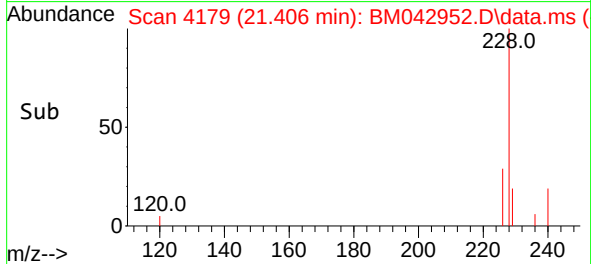
Instrument :
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ClientSampleId :
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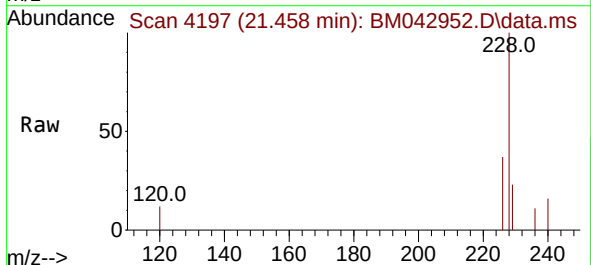
Tgt Ion:228 Resp: 152
Ion Ratio Lower Upper
228 100
229 24.3 18.6 28.0
226 34.2 26.2 39.2

Manual Integrations
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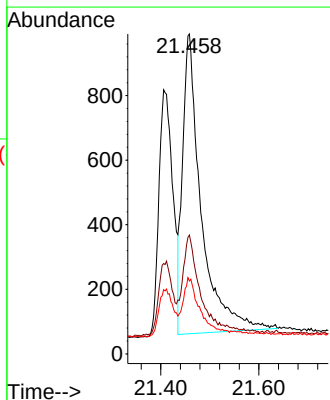
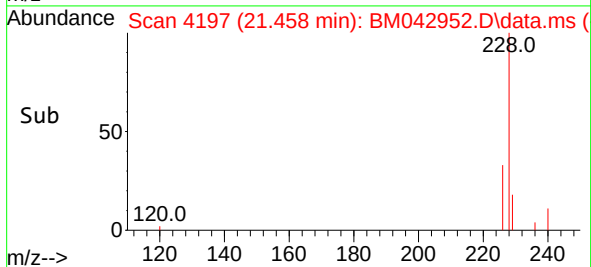
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023

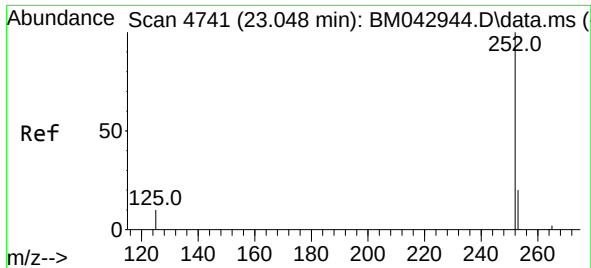


#22
Chrysene
Concen: 0.338 ng/ul
RT: 21.458 min Scan# 4197
Delta R.T. 0.008 min
Lab File: BM042952.D
Acq: 22 Nov 2023 15:04



Tgt Ion:228 Resp: 2446
Ion Ratio Lower Upper
228 100
226 37.1 29.2 43.8
229 22.8 19.4 29.2





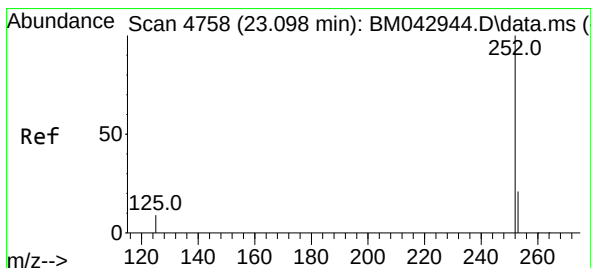
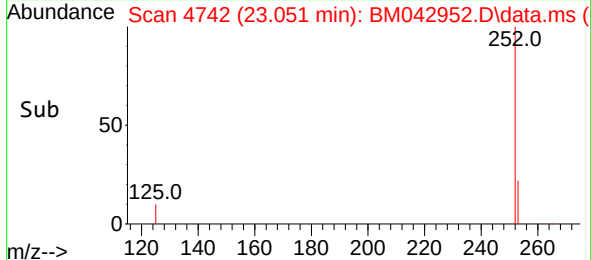
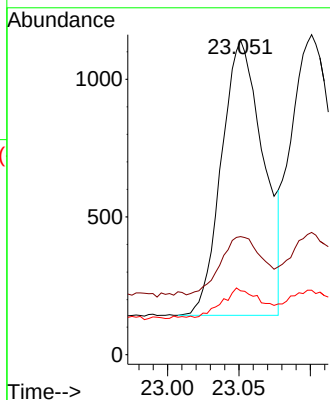
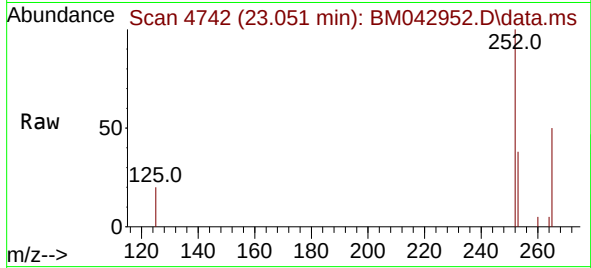
#24
Benzo(b)fluoranthene
Concen: 0.288 ng/ul
RT: 23.051 min Scan# 4742
Delta R.T. 0.008 min
Lab File: BM042952.D
Acq: 22 Nov 2023 15:04

Instrument :
BNA_M
ClientSampleId :
SLCS010

Tgt Ion:252 Resp: 203
Ion Ratio Lower Upper
252 100
253 37.6 0.0 77.4
125 20.3 0.0 42.0

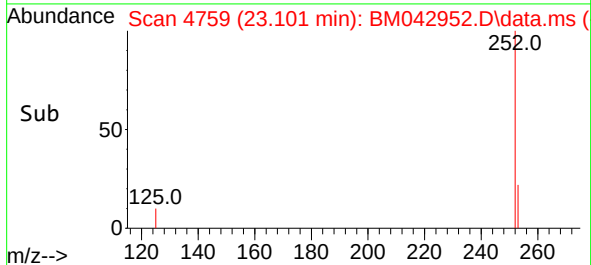
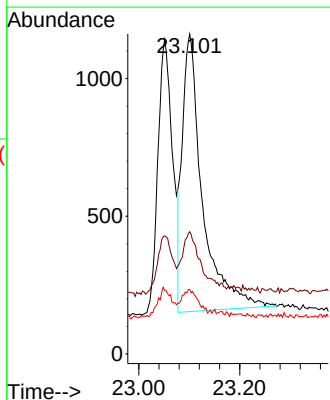
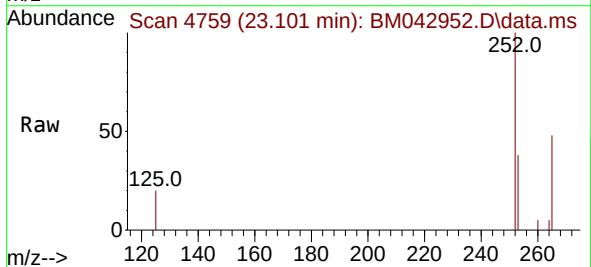
Manual Integrations
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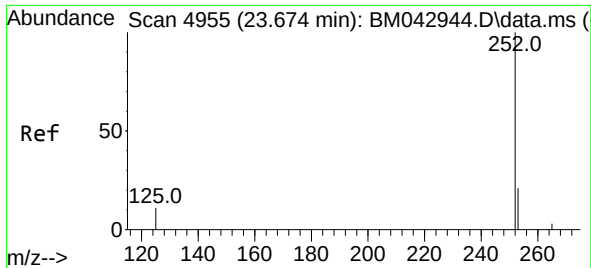
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.319 ng/ul
RT: 23.101 min Scan# 4759
Delta R.T. 0.011 min
Lab File: BM042952.D
Acq: 22 Nov 2023 15:04

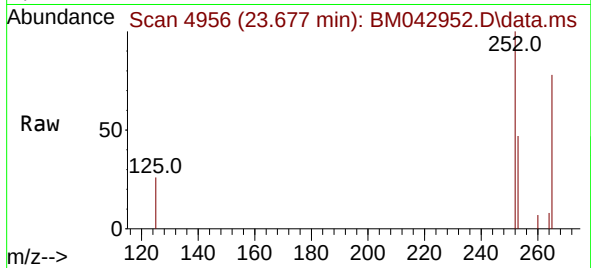
Tgt Ion:252 Resp: 2806
Ion Ratio Lower Upper
252 100
253 38.2 30.5 45.7
125 20.1 17.2 25.8





#26
Benzo(a)pyrene
Concen: 0.307 ng/ul
RT: 23.677 min Scan# 4955
Delta R.T. 0.008 min
Lab File: BM042952.D
Acq: 22 Nov 2023 15:04

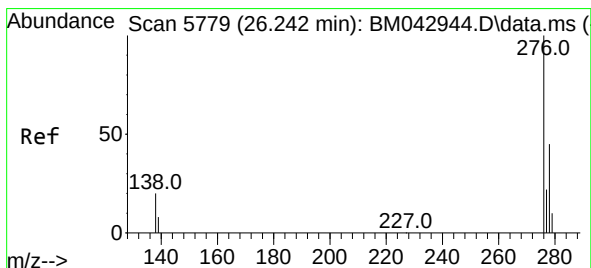
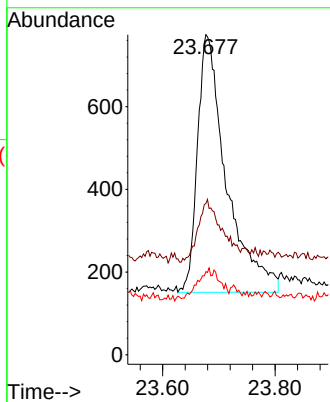
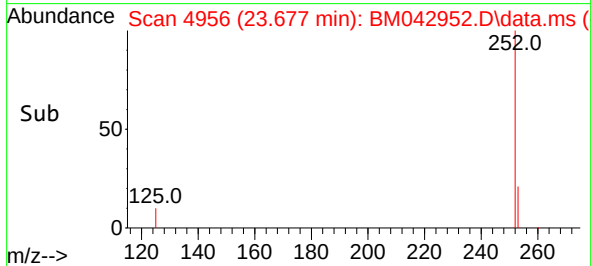
Instrument :
BNA_M
ClientSampleId :
SLCS010



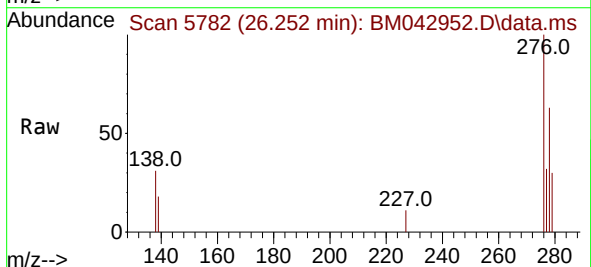
Tgt Ion:252 Resp: 222
Ion Ratio Lower Upper
252 100
253 47.3 35.1 52.7
125 26.0 21.2 31.8

Manual Integrations
APPROVED

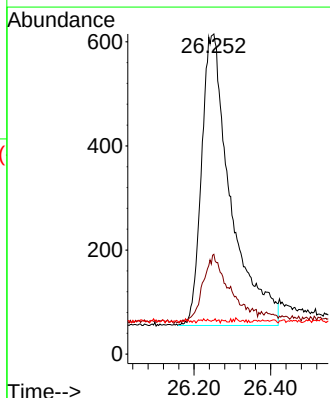
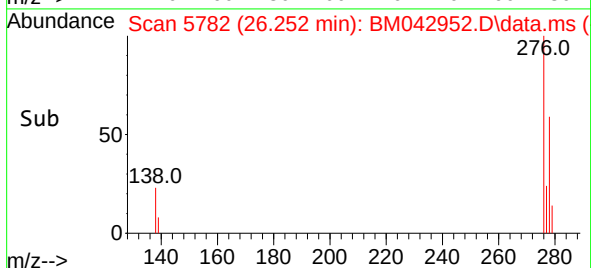
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023

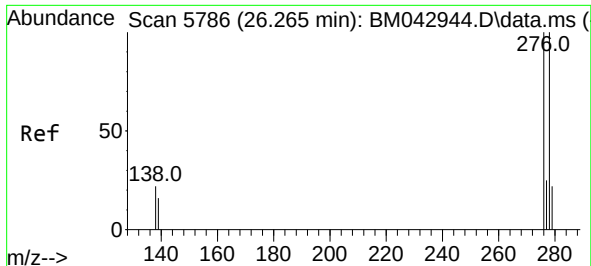


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.304 ng/ul
RT: 26.252 min Scan# 5782
Delta R.T. 0.023 min
Lab File: BM042952.D
Acq: 22 Nov 2023 15:04



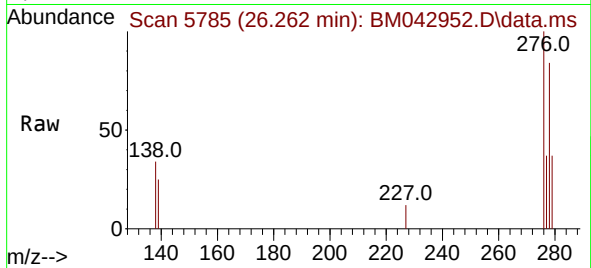
Tgt Ion:276 Resp: 2951
Ion Ratio Lower Upper
276 100
138 22.8 19.5 29.3
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.302 ng/ul
RT: 26.262 min Scan# 5786
Delta R.T. 0.020 min
Lab File: BM042952.D
Acq: 22 Nov 2023 15:04

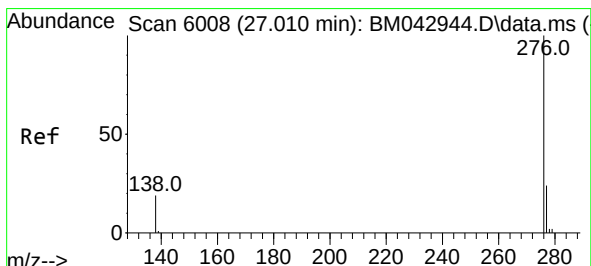
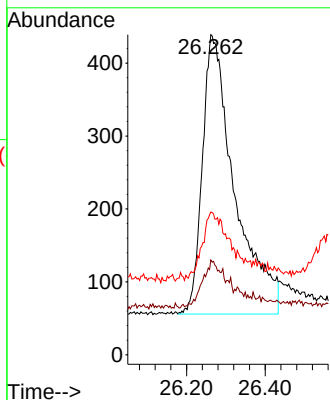
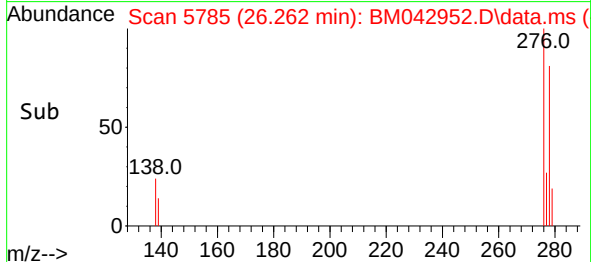
Instrument :
BNA_M
ClientSampleId :
SLCS010



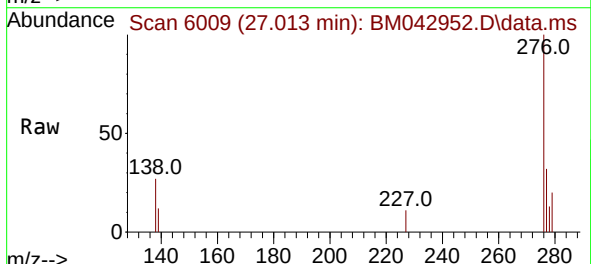
Tgt Ion: 278 Resp: 2184
Ion Ratio Lower Upper
278 100
139 29.6 21.8 32.6
279 44.6 33.4 50.0

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 11/25/2023
Supervised By : mohammad ahmed 11/25/2023



#29
Benzo(g,h,i)perylene
Concen: 0.324 ng/ul
RT: 27.013 min Scan# 6009
Delta R.T. 0.016 min
Lab File: BM042952.D
Acq: 22 Nov 2023 15:04



Tgt Ion: 276 Resp: 2674
Ion Ratio Lower Upper
276 100
138 26.9 22.2 33.4
277 32.3 25.9 38.9

