

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
 Data File : BM042971.D
 Acq On : 23 Nov 2023 02:36
 Operator : MA/JU
 Sample : PB157006BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS006

Manual Integrations
 APPROVED

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

Quant Time: Nov 23 03:07:12 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	7.881	152	464	0.400	ng/ul	0.04
4) Naphthalene-d8	10.651	136	1300	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.470	164	683	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.238	188	1446	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.417	240	1010	0.400	ng/ul	0.00
23) Perylene-d12	23.776	264	1430	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	690	0.946	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	552	0.337	ng/ul	0.03
18) Fluoranthene-d10	19.262	212	1216	0.369	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.202	88	1867	2.302	ng/ul#	53
5) Naphthalene	10.706	128	1359	0.332	ng/ul#	87
7) 2-Methylnaphthalene	12.333	142	752	0.314	ng/ul	98
8) 1-Methylnaphthalene	12.531	142	759	0.301	ng/ul	95
10) Acenaphthylene	14.206	152	1451	0.320	ng/ul#	91
11) Acenaphthene	14.539	153	1081	0.340	ng/ul	97
12) Fluorene	15.543	166	1105	0.323	ng/ul	95
14) Pentachlorophenol	16.896	266	477	0.593	ng/ul	94
15) Phenanthrene	17.281	178	1699	0.334	ng/ul#	92
16) Anthracene	17.395	178	1513m	0.287	ng/ul	
19) Fluoranthene	19.295	202	2283	0.358	ng/ul#	96
20) Pyrene	19.657	202	2491	0.363	ng/ul	95
21) Benzo(a)anthracene	21.409	228	1436	0.303	ng/ul	97
22) Chrysene	21.455	228	2338	0.382	ng/ul	98
24) Benzo(b)fluoranthene	23.045	252	2002	0.348	ng/ul	97
25) Benzo(k)fluoranthene	23.098	252	2688	0.375	ng/ul	97
26) Benzo(a)pyrene	23.674	252	2115	0.358	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.238	276	2884	0.365	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.262	278	2132	0.362	ng/ul	100
29) Benzo(g,h,i)perylene	27.003	276	2678	0.398	ng/ul	97

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

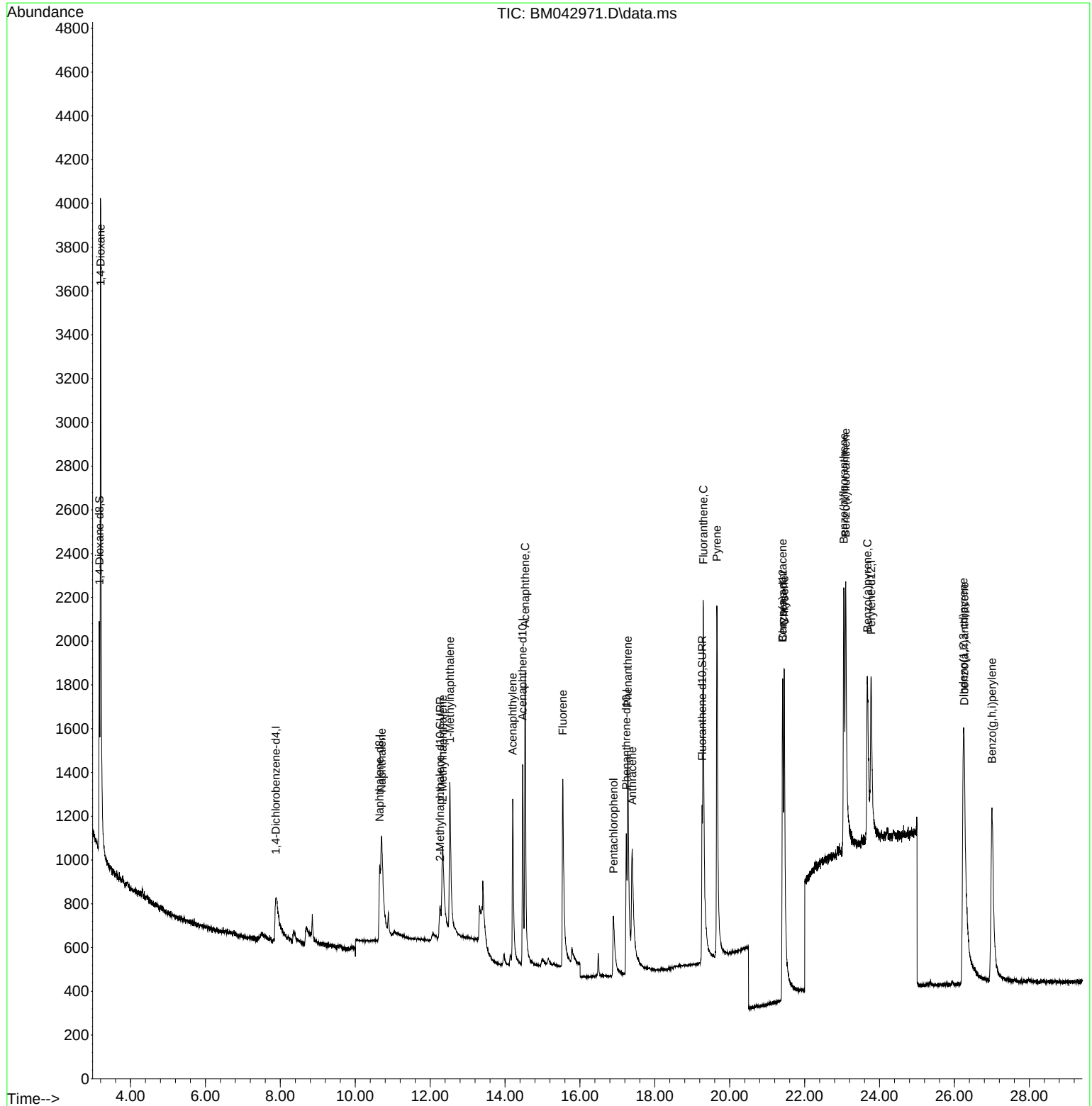
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
Data File : BM042971.D
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Operator : MA/JU
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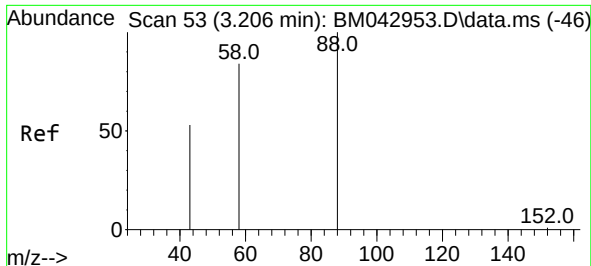
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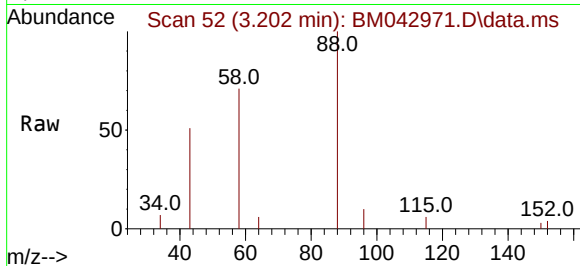
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 22 10:35:26 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.302 ng/ul
RT: 3.202 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042971.D
Acq: 23 Nov 2023 02:36

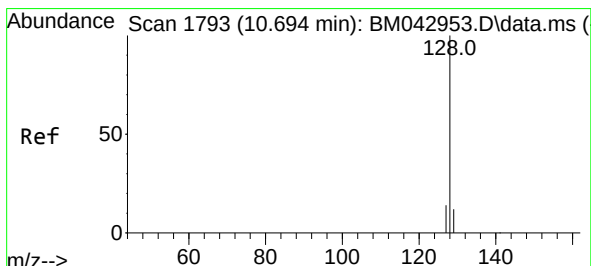
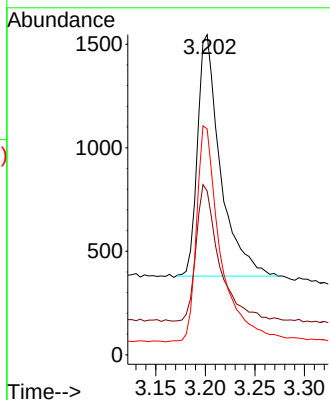
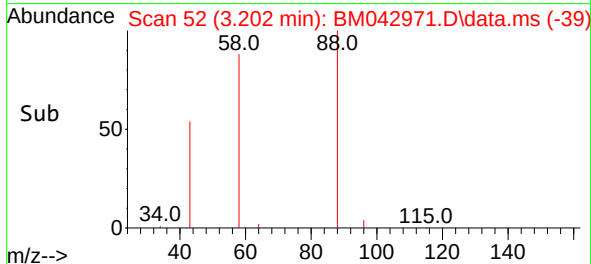
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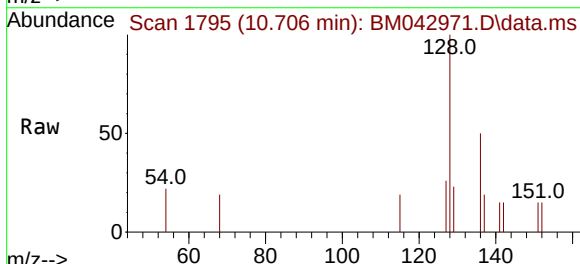
Tgt Ion: 88 Resp: 186
Ion Ratio Lower Upper
88 100
43 51.2 30.5 45.7
58 70.6 21.8 32.6

Manual Integrations
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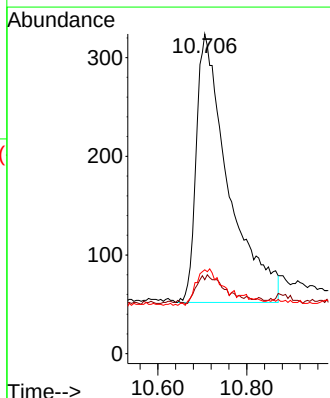
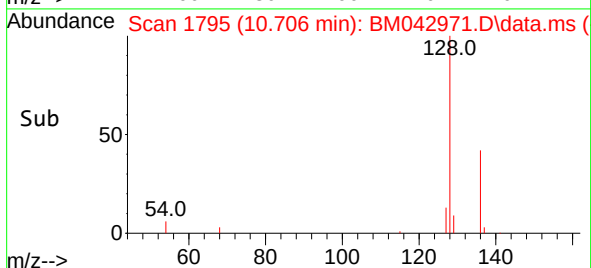
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Supervised By :mohammad ahmed 11/25/2023

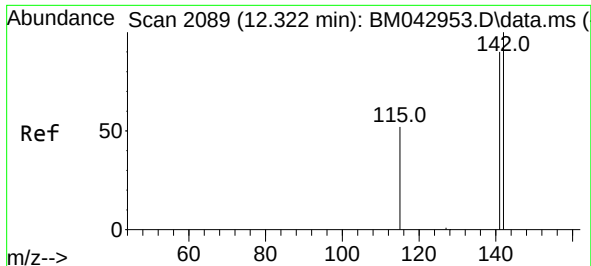


#5
Naphthalene
Concen: 0.332 ng/ul
RT: 10.706 min Scan# 1795
Delta R.T. 0.023 min
Lab File: BM042971.D
Acq: 23 Nov 2023 02:36



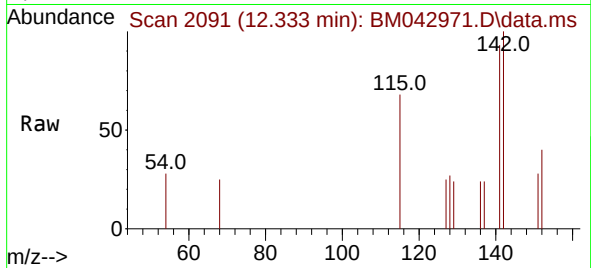
Tgt Ion:128 Resp: 1359
Ion Ratio Lower Upper
128 100
129 23.1 14.2 21.4#
127 26.2 15.8 23.6#





#7
2-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.333 min Scan# 2091
Delta R.T. 0.023 min
Lab File: BM042971.D
Acq: 23 Nov 2023 02:36

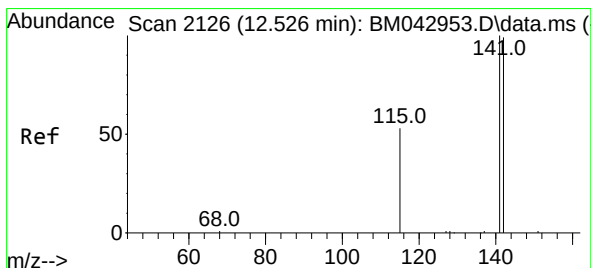
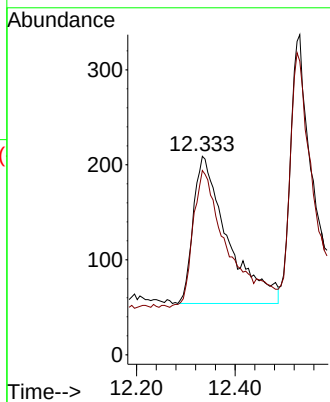
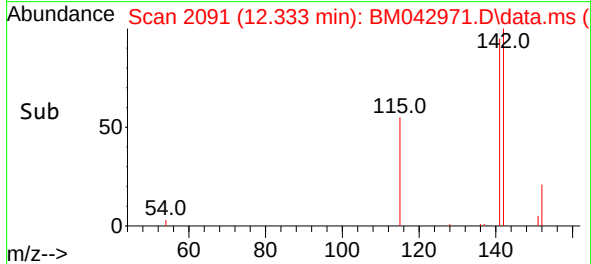
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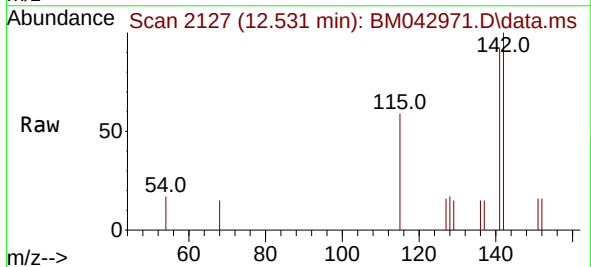
Tgt Ion:142 Resp: 752
Ion Ratio Lower Upper
142 100
141 94.1 77.2 115.8

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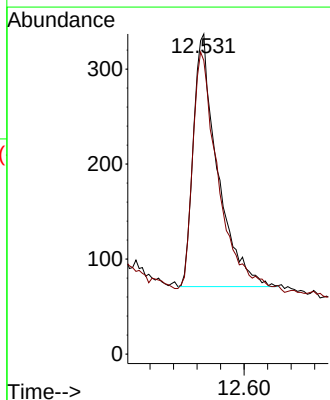
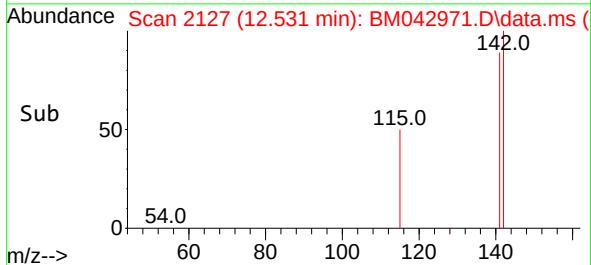
Reviewed By :Yogesh Patel 11/25/2023
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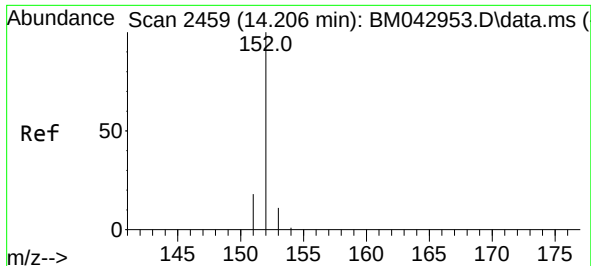


#8
1-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.531 min Scan# 2127
Delta R.T. 0.012 min
Lab File: BM042971.D
Acq: 23 Nov 2023 02:36



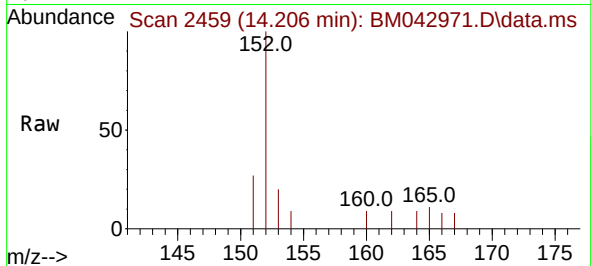
Tgt Ion:142 Resp: 759
Ion Ratio Lower Upper
142 100
141 98.4 74.6 112.0





#10
Acenaphthylene
Concen: 0.320 ng/ul
RT: 14.206 min Scan# 2459
Delta R.T. 0.006 min
Lab File: BM042971.D
Acq: 23 Nov 2023 02:36

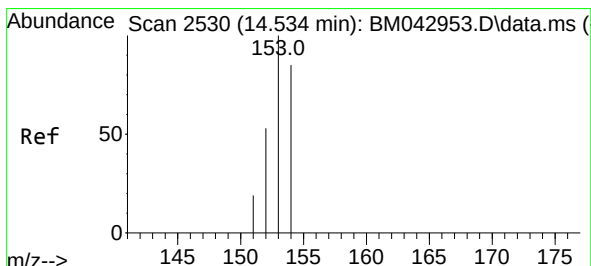
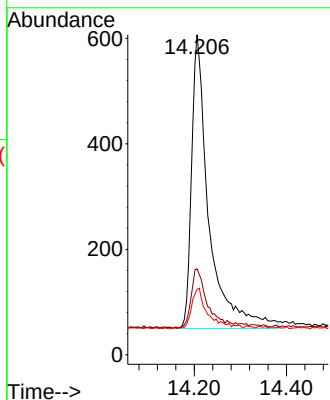
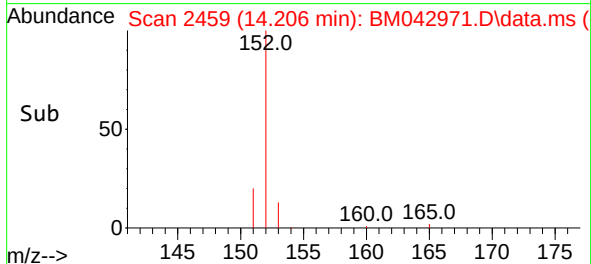
Instrument :
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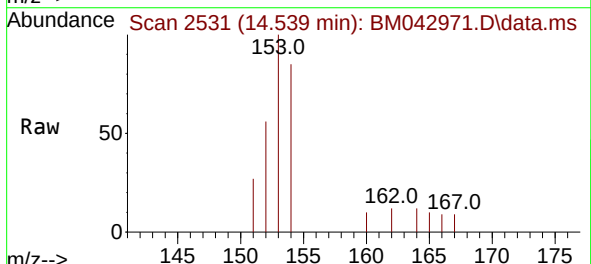
Tgt Ion:152 Resp: 145
Ion Ratio Lower Upper
152 100
151 26.9 18.5 27.7
153 20.4 12.9 19.3

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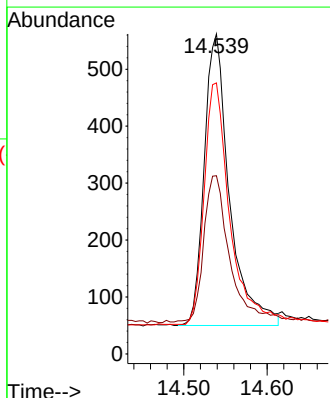
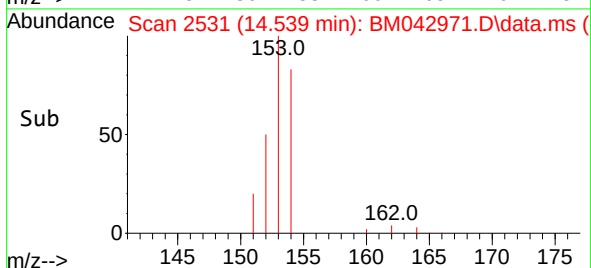
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Supervised By :mohammad ahmed 11/25/2023

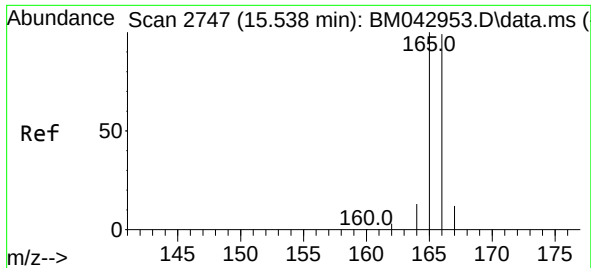


#11
Acenaphthene
Concen: 0.340 ng/ul
RT: 14.539 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BM042971.D
Acq: 23 Nov 2023 02:36



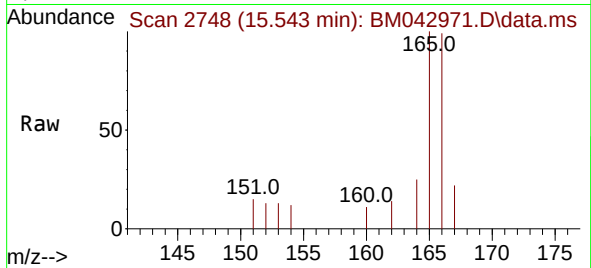
Tgt Ion:153 Resp: 1081
Ion Ratio Lower Upper
153 100
152 55.7 43.3 64.9
154 84.7 70.6 105.8





#12
Fluorene
Concen: 0.323 ng/ul
RT: 15.543 min Scan# 21
Delta R.T. 0.015 min
Lab File: BM042971.D
Acq: 23 Nov 2023 02:36

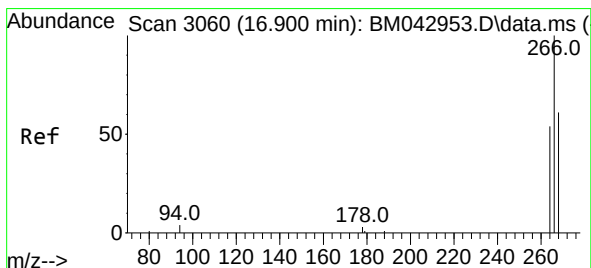
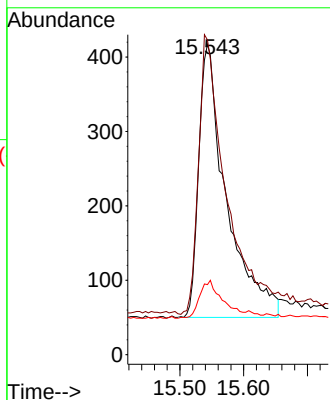
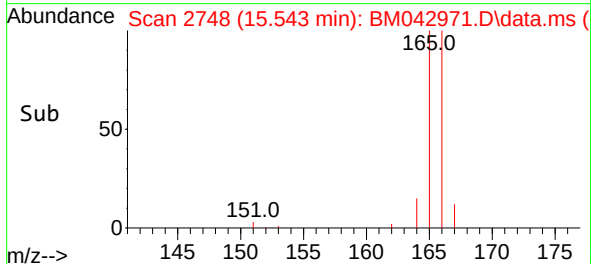
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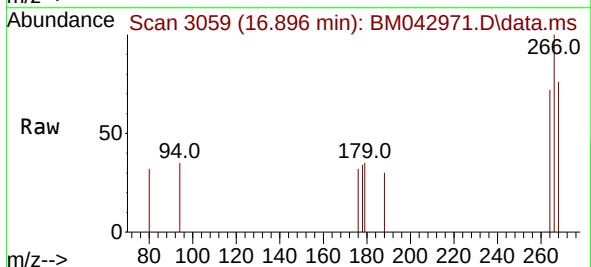
Tgt Ion:166 Resp: 110
Ion Ratio Lower Upper
166 100
165 101.4 84.3 126.5
167 22.5 15.0 22.6

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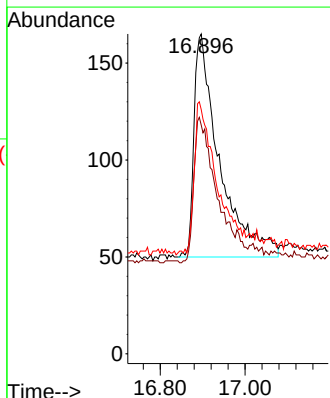
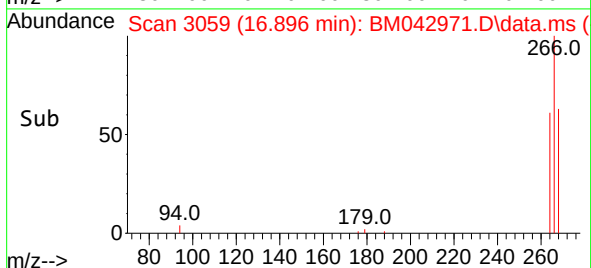
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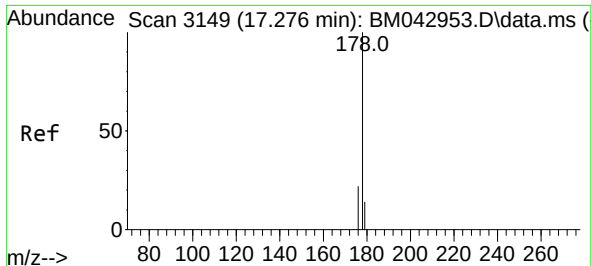


#14
Pentachlorophenol
Concen: 0.593 ng/ul
RT: 16.896 min Scan# 3059
Delta R.T. 0.006 min
Lab File: BM042971.D
Acq: 23 Nov 2023 02:36



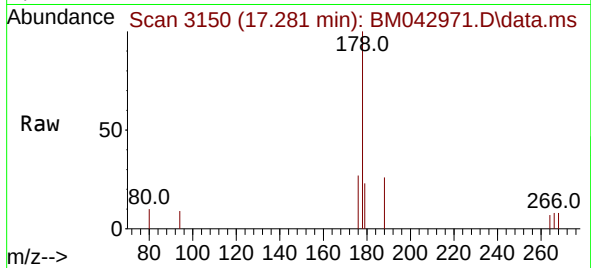
Tgt Ion:266 Resp: 477
Ion Ratio Lower Upper
266 100
264 60.4 52.2 78.2
268 64.6 48.0 72.0





#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 17.281 min Scan# 3149
Delta R.T. 0.010 min
Lab File: BM042971.D
Acq: 23 Nov 2023 02:36

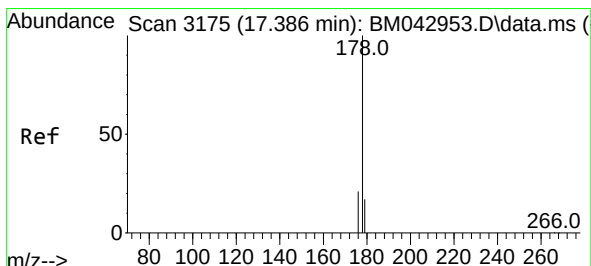
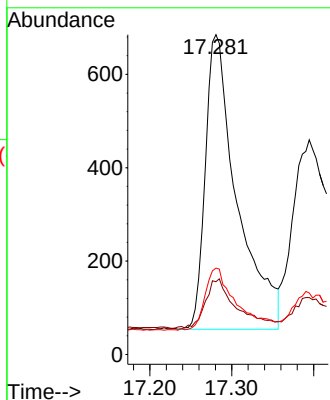
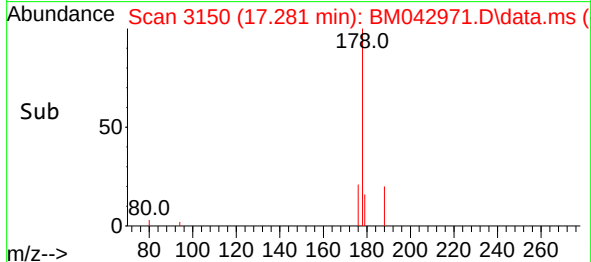
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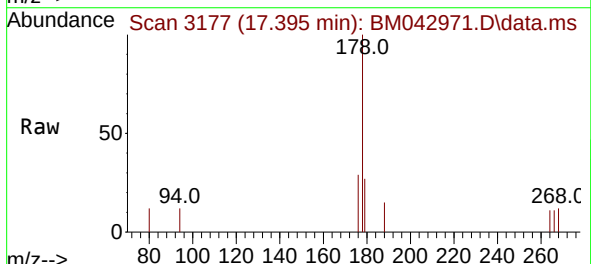
Tgt Ion:178 Resp: 1699
Ion Ratio Lower Upper
178 100
179 22.8 14.9 22.3
176 27.0 18.6 27.8

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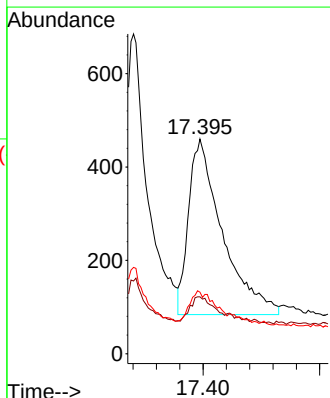
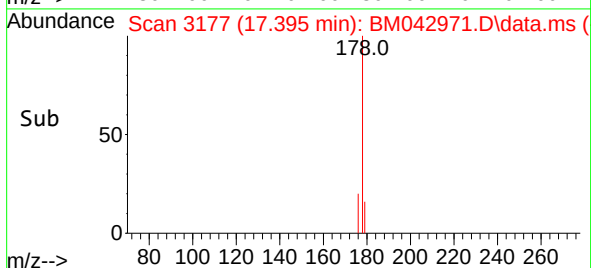
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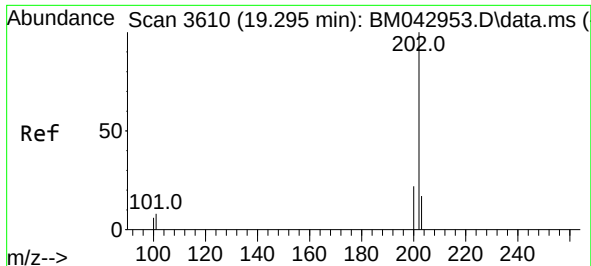


#16
Anthracene
Concen: 0.287 ng/ul m
RT: 17.395 min Scan# 3177
Delta R.T. 0.023 min
Lab File: BM042971.D
Acq: 23 Nov 2023 02:36



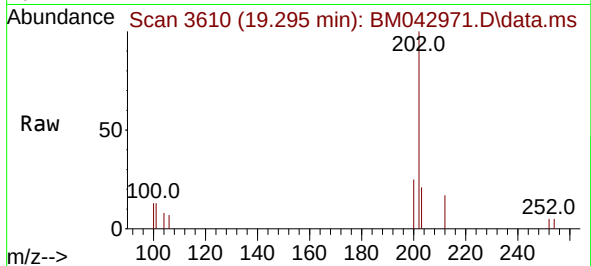
Tgt Ion:178 Resp: 1513
Ion Ratio Lower Upper
178 100
179 26.5 16.6 24.8
176 28.7 20.3 30.5





#19
Fluoranthene
Concen: 0.358 ng/u1
RT: 19.295 min Scan# 3610
Delta R.T. 0.011 min
Lab File: BM042971.D
Acq: 23 Nov 2023 02:36

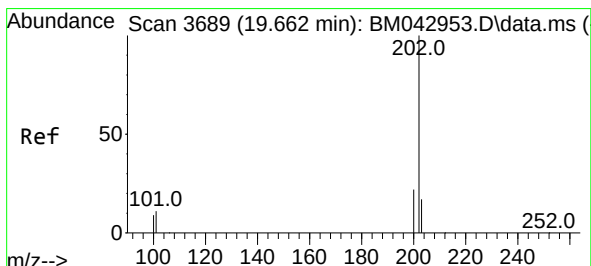
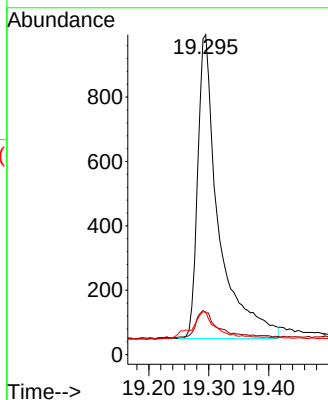
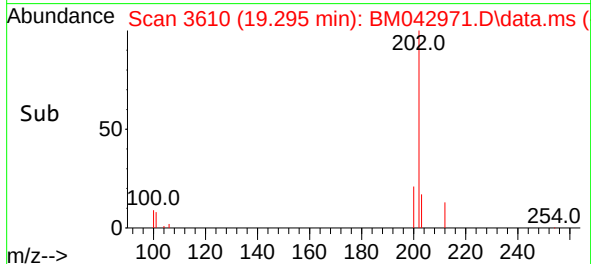
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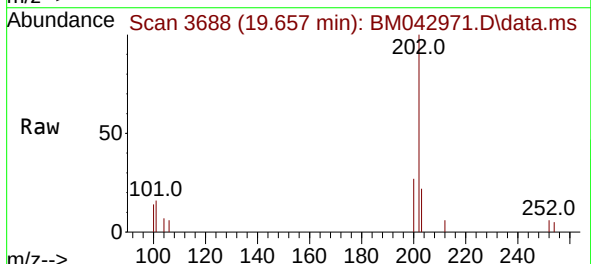
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Ion Ratio Lower Upper
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101 13.1 10.2 15.4
100 13.4 8.2 12.2

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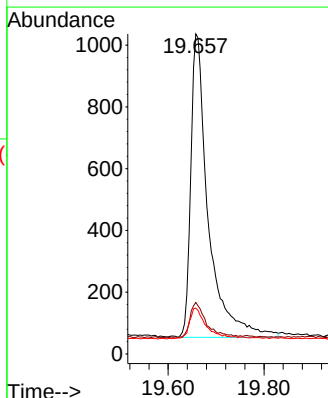
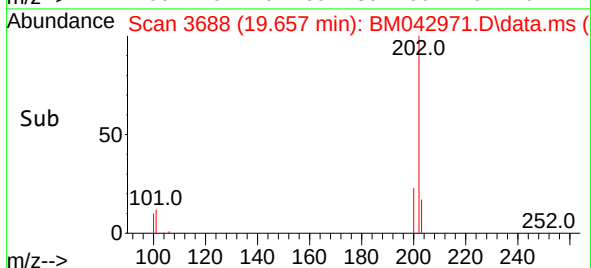
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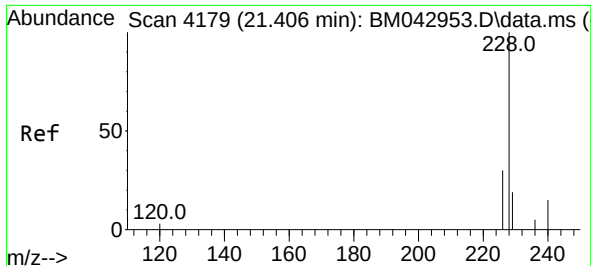


#20
Pyrene
Concen: 0.363 ng/u1
RT: 19.657 min Scan# 3688
Delta R.T. 0.006 min
Lab File: BM042971.D
Acq: 23 Nov 2023 02:36



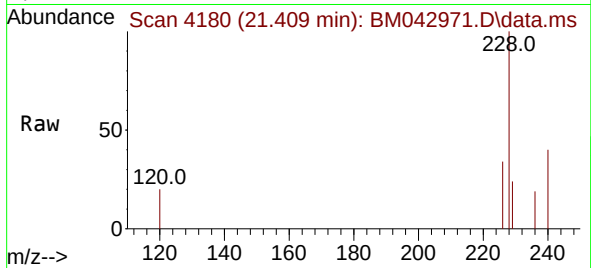
Tgt Ion:202 Resp: 2491
Ion Ratio Lower Upper
202 100
101 16.1 11.2 16.8
100 14.4 10.3 15.5





#21
Benzo(a)anthracene
Concen: 0.303 ng/u1
RT: 21.409 min Scan# 4179
Delta R.T. 0.008 min
Lab File: BM042971.D
Acq: 23 Nov 2023 02:36

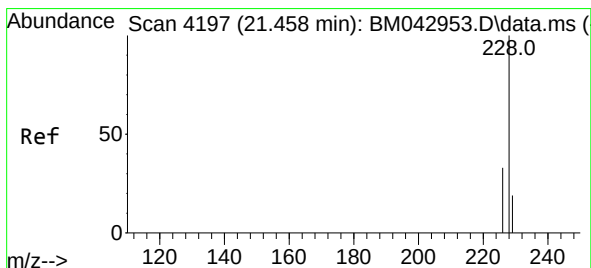
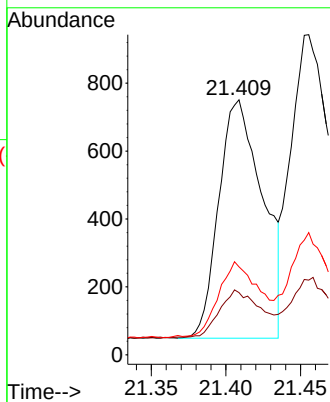
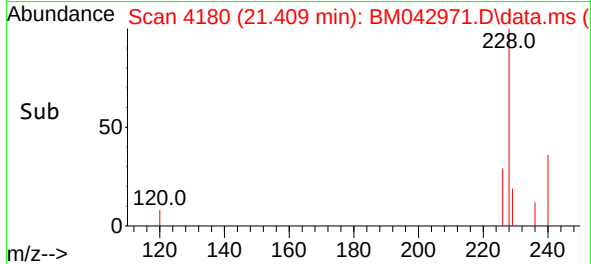
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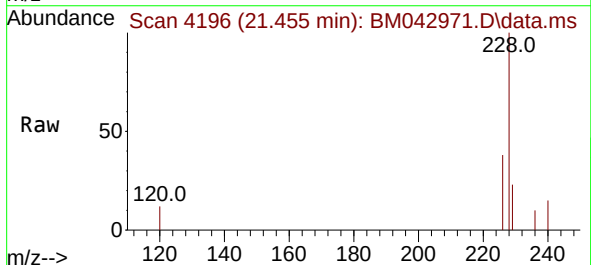
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Ion Ratio Lower Upper
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229 24.4 18.6 28.0
226 34.5 26.2 39.2

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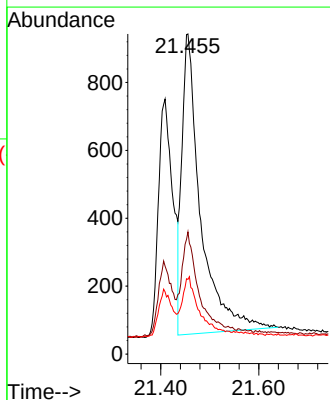
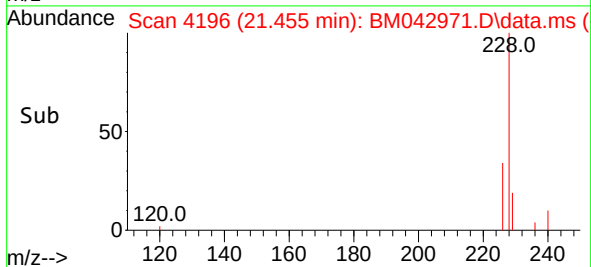
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023

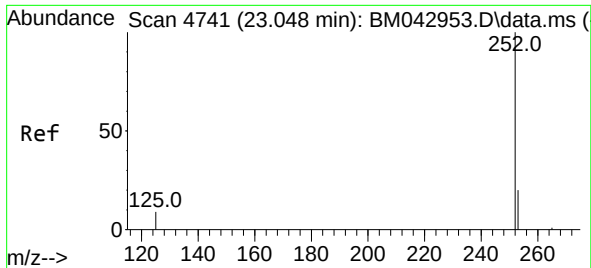


#22
Chrysene
Concen: 0.382 ng/u1
RT: 21.455 min Scan# 4196
Delta R.T. 0.006 min
Lab File: BM042971.D
Acq: 23 Nov 2023 02:36



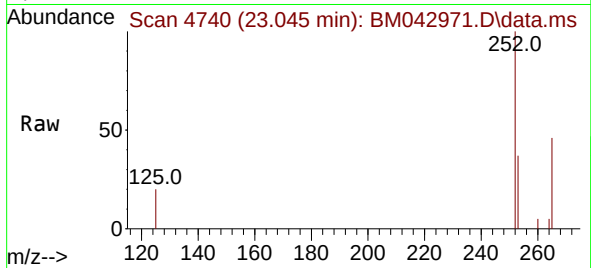
Tgt Ion:228 Resp: 2338
Ion Ratio Lower Upper
228 100
226 38.2 29.2 43.8
229 23.3 19.4 29.2





#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 23.045 min Scan# 4741
Delta R.T. 0.003 min
Lab File: BM042971.D
Acq: 23 Nov 2023 02:36

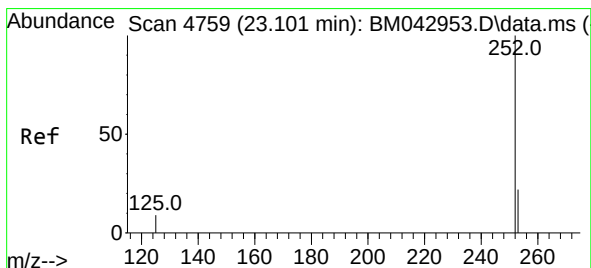
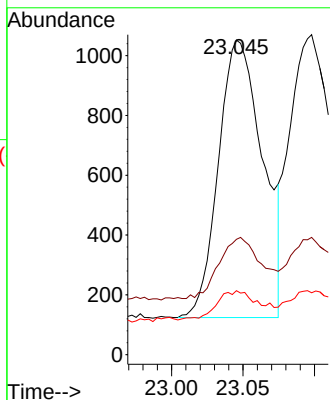
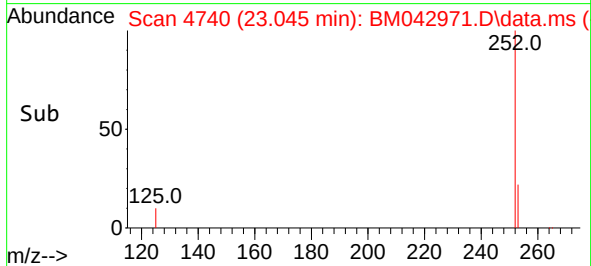
Instrument :
BNA_M
ClientSampleId :
SLCS006



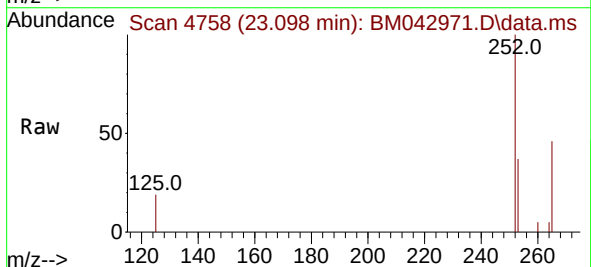
Tgt Ion:252 Resp: 2002
Ion Ratio Lower Upper
252 100
253 36.7 0.0 77.4
125 20.3 0.0 42.0

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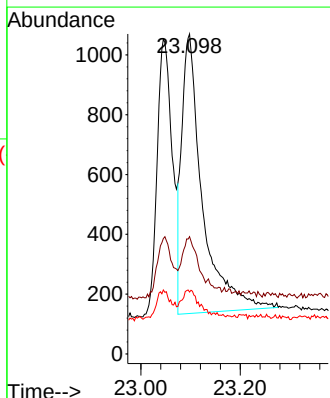
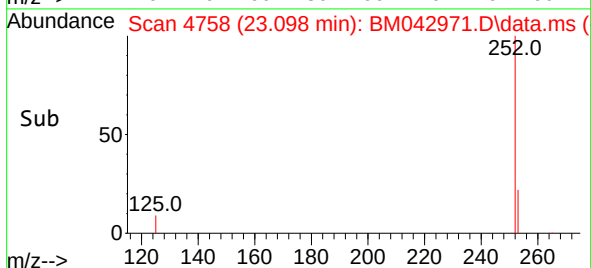
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023

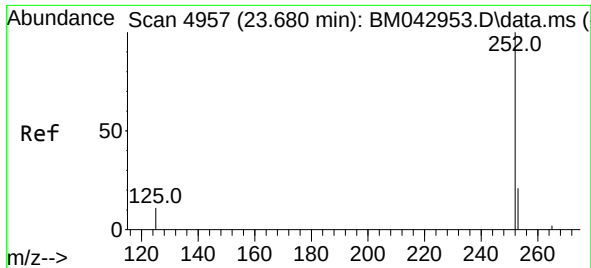


#25
Benzo(k)fluoranthene
Concen: 0.375 ng/ul
RT: 23.098 min Scan# 4758
Delta R.T. 0.008 min
Lab File: BM042971.D
Acq: 23 Nov 2023 02:36



Tgt Ion:252 Resp: 2688
Ion Ratio Lower Upper
252 100
253 36.6 30.5 45.7
125 19.3 17.2 25.8





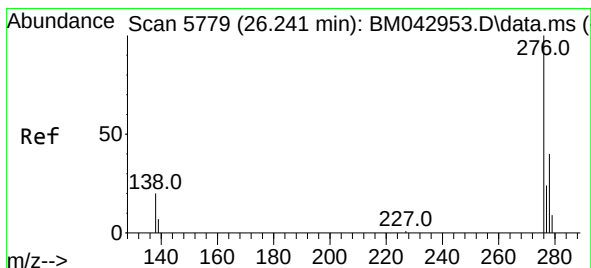
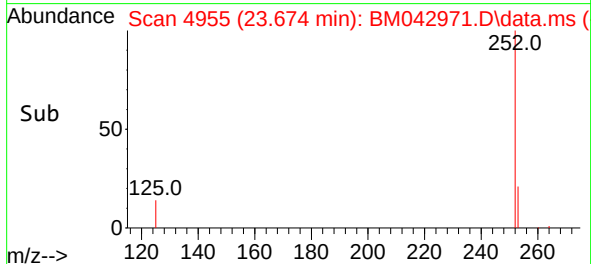
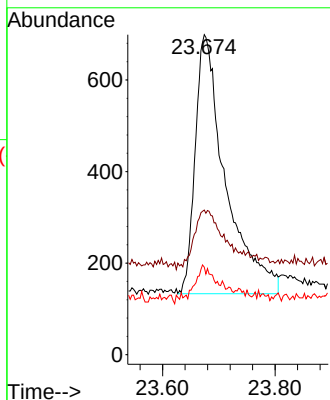
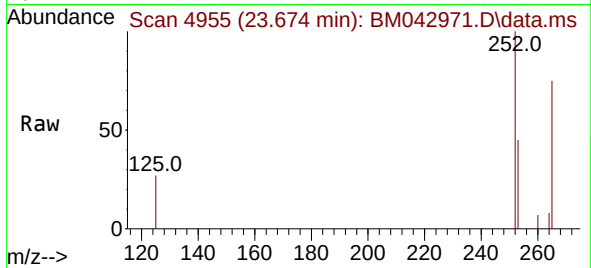
#26
Benzo(a)pyrene
Concen: 0.358 ng/ul
RT: 23.674 min Scan# 4955
Delta R.T. 0.006 min
Lab File: BM042971.D
Acq: 23 Nov 2023 02:36

Instrument :
BNA_M
ClientSampleId :
SLCS006

Tgt Ion:252 Resp: 211
Ion Ratio Lower Upper
252 100
253 45.2 35.1 52.7
125 27.3 21.2 31.8

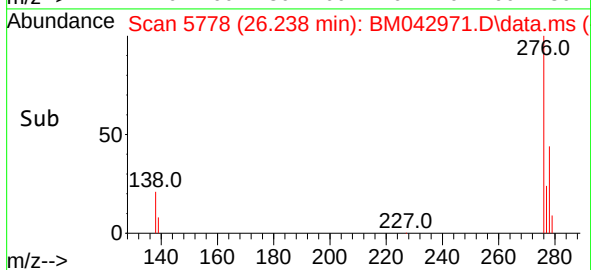
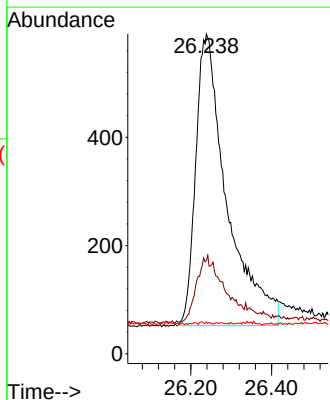
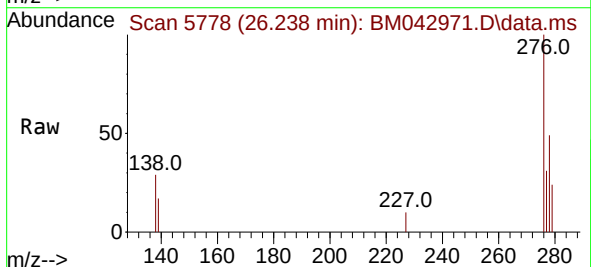
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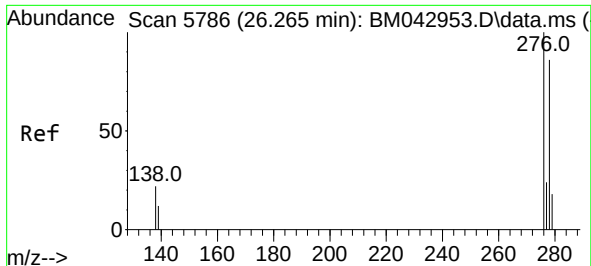
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 26.238 min Scan# 5778
Delta R.T. 0.010 min
Lab File: BM042971.D
Acq: 23 Nov 2023 02:36

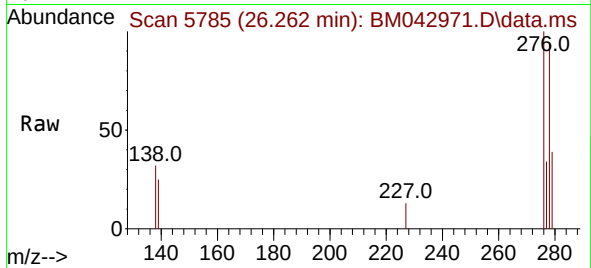
Tgt Ion:276 Resp: 2884
Ion Ratio Lower Upper
276 100
138 22.1 19.5 29.3
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.362 ng/ul
RT: 26.262 min Scan# 5786
Delta R.T. 0.020 min
Lab File: BM042971.D
Acq: 23 Nov 2023 02:36

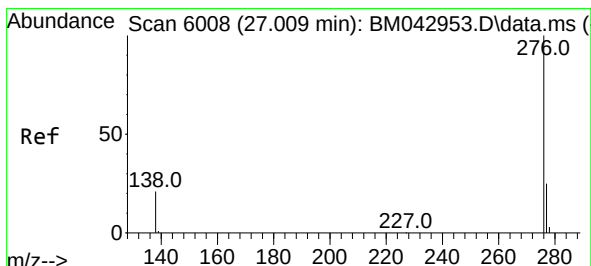
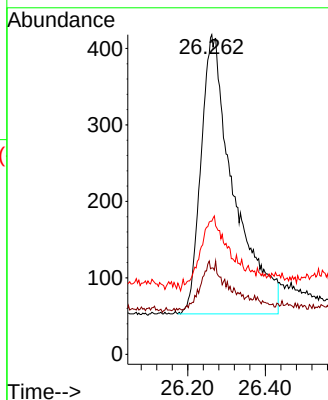
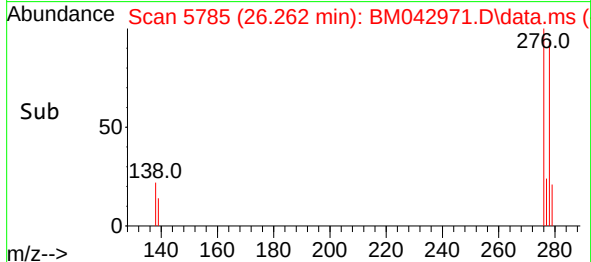
Instrument :
BNA_M
ClientSampleId :
SLCS006



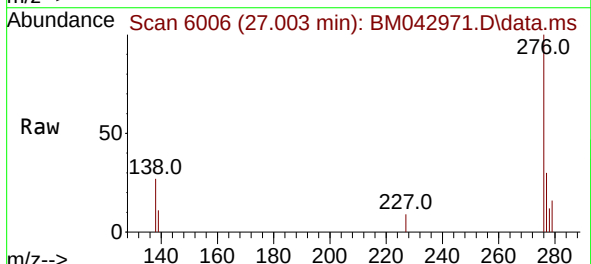
Tgt Ion: 278 Resp: 2132
Ion Ratio Lower Upper
278 100
139 27.0 21.8 32.6
279 41.6 33.4 50.0

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



#29
Benzo(g,h,i)perylene
Concen: 0.398 ng/ul
RT: 27.003 min Scan# 6006
Delta R.T. 0.006 min
Lab File: BM042971.D
Acq: 23 Nov 2023 02:36



Tgt Ion: 276 Resp: 2678
Ion Ratio Lower Upper
276 100
138 26.7 22.2 33.4
277 30.0 25.9 38.9

