

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041875.D
 Acq On : 14 Sep 2023 21:53
 Operator : MA/JU
 Sample : 04175-08DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYK2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 02:13:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 13 16:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	8123	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	22065	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.620	164	11449	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	23553	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.545	240	8879	0.400	ng/ul	# 0.00
23) Perylene-d12	23.974	264	8578	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	10114	0.979	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	2572	0.086	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	3856	0.127	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.840	128	2345	0.032	ng/ul#	87
7) 2-Methylnaphthalene	12.445	142	4777	0.107	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	1681	0.037	ng/ul	98
10) Acenaphthylene	14.347	152	1756	0.024	ng/ul#	39
15) Phenanthrene	17.413	178	11282	0.110	ng/ul#	80
16) Anthracene	17.506	178	3552	0.040	ng/ul#	53
19) Fluoranthene	19.422	202	22865	0.332	ng/ul#	92
20) Pyrene	19.789	202	51861	0.720	ng/ul#	93
21) Benzo(a)anthracene	21.527	228	7355	0.126	ng/ul#	52
22) Chrysene	21.583	228	26167m	0.436	ng/ul	
24) Benzo(b)fluoranthene	23.222	252	19497	0.319	ng/ul#	1
25) Benzo(k)fluoranthene	23.272	252	5509m	0.098	ng/ul	
26) Benzo(a)pyrene	23.863	252	11988	0.258	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.481	276	15545	0.217	ng/ul	94
29) Benzo(g,h,i)perylene	27.273	276	24137	0.399	ng/ul#	69

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

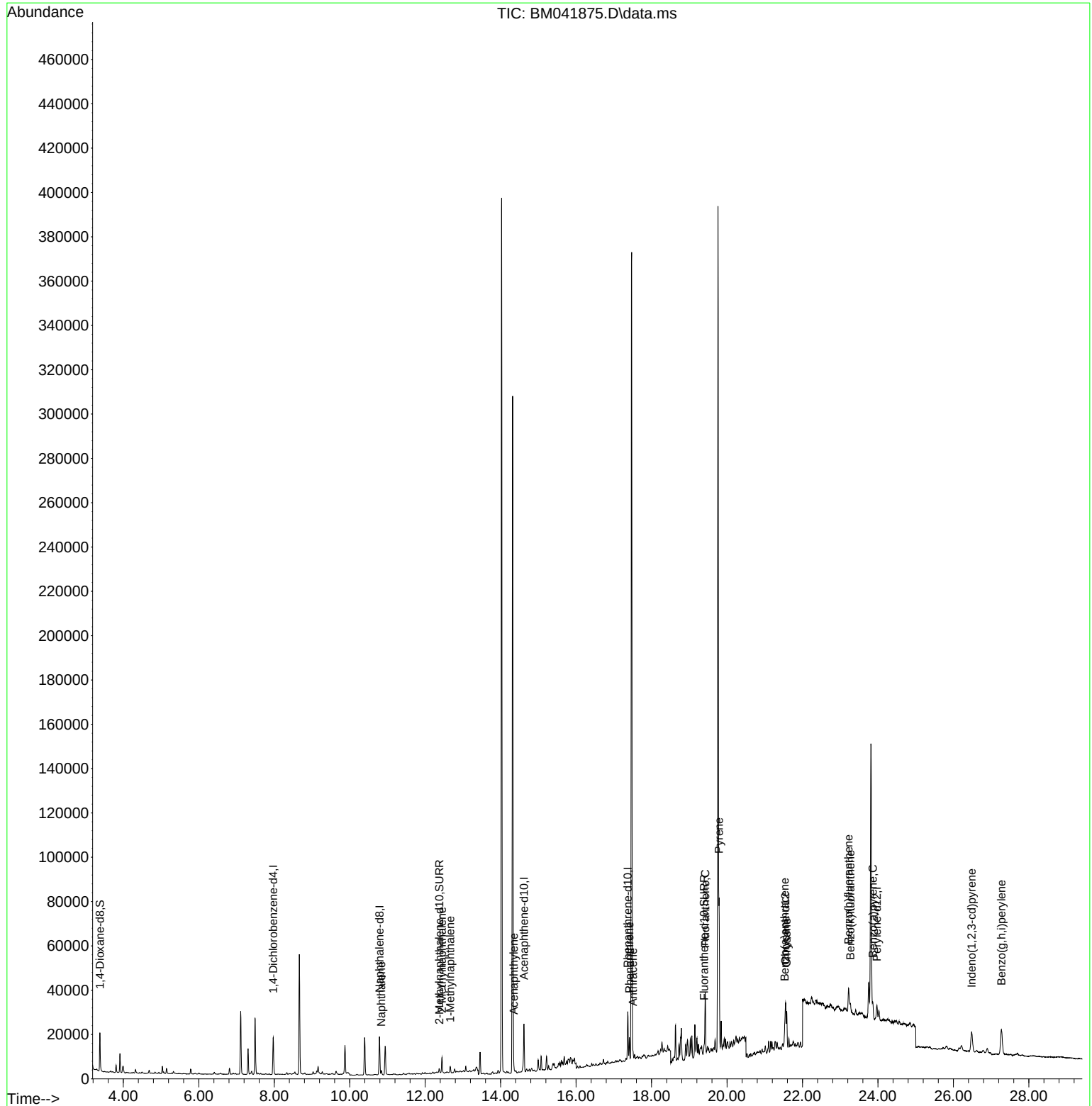
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041875.D
Acq On : 14 Sep 2023 21:53
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ALS Vial : 53 Sample Multiplier: 1

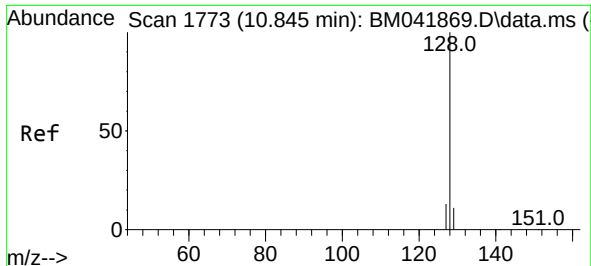
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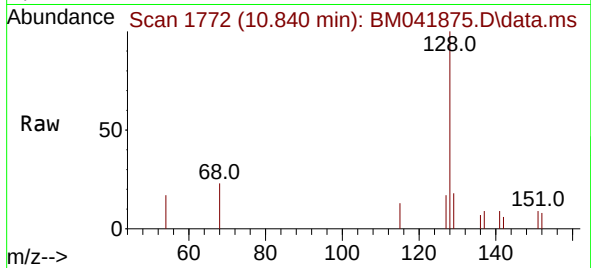
Quant Time: Sep 15 02:13:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 13 16:15:23 2023
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#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.840 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

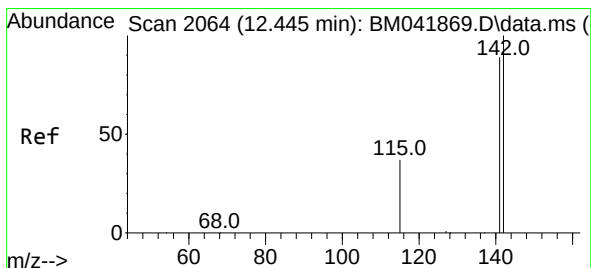
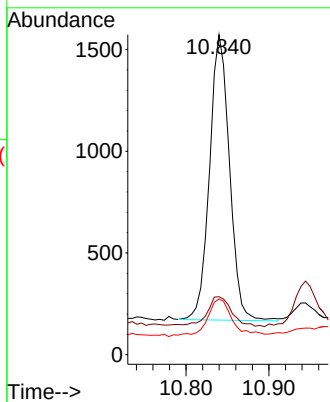
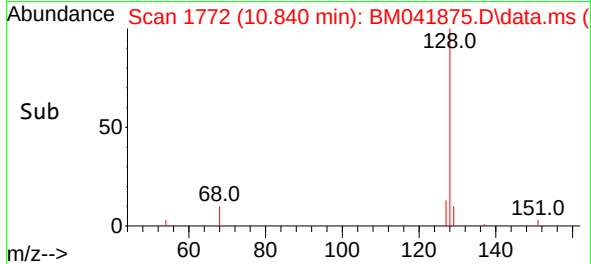
Instrument :
BNA_M
ClientSampleId :
EZYK2DL



Tgt Ion:128 Resp: 2345
Ion Ratio Lower Upper
128 100
129 18.1 9.5 14.3
127 17.4 10.7 16.1

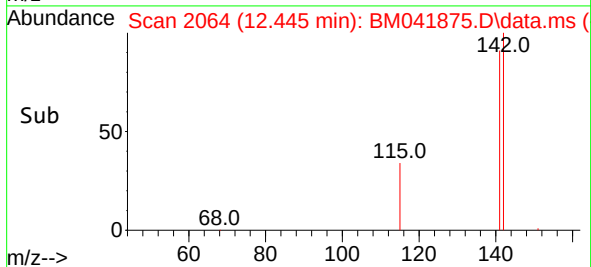
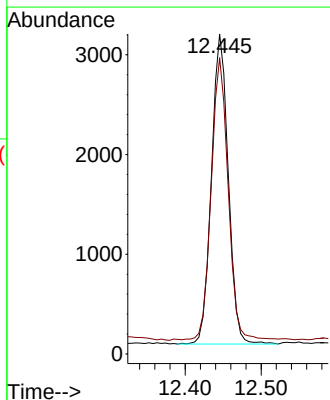
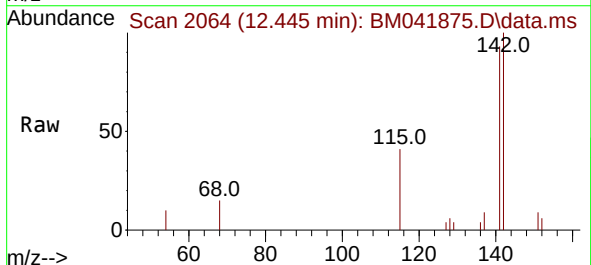
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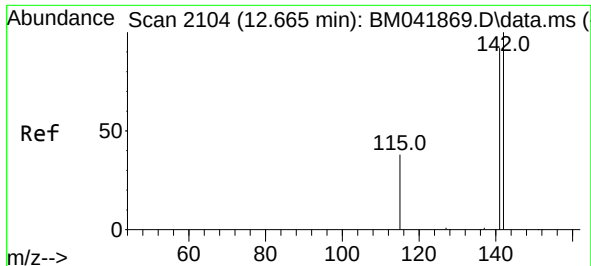
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#7
2-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

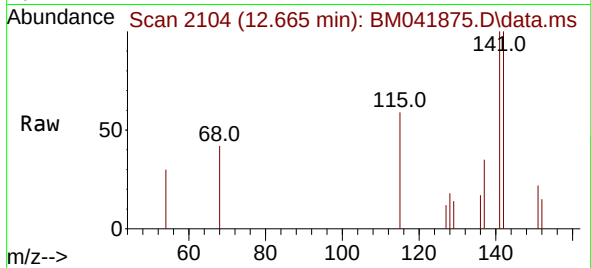
Tgt Ion:142 Resp: 4777
Ion Ratio Lower Upper
142 100
141 91.1 72.1 108.1





#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

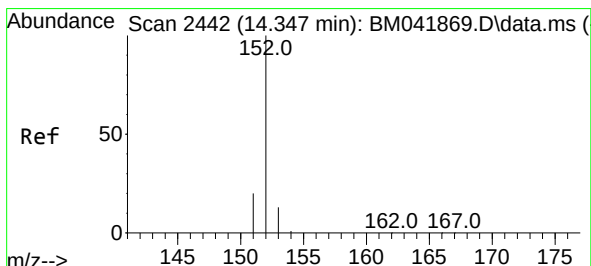
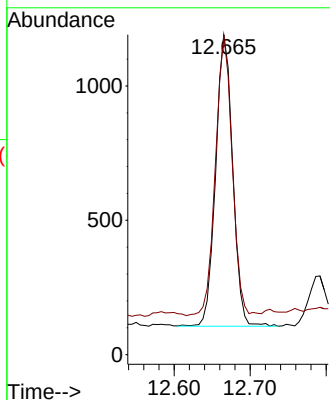
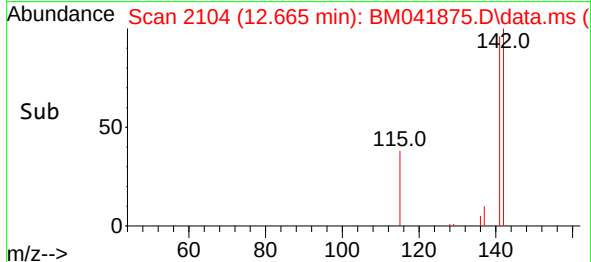
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Tgt Ion:142 Resp: 168
Ion Ratio Lower Upper
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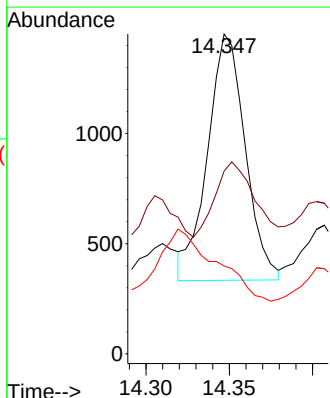
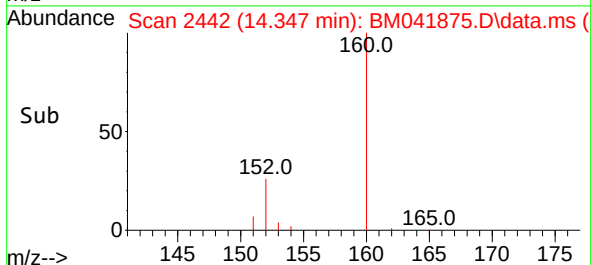
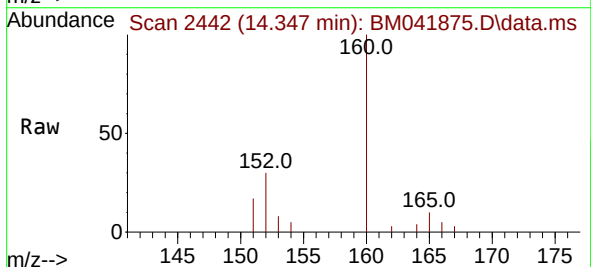
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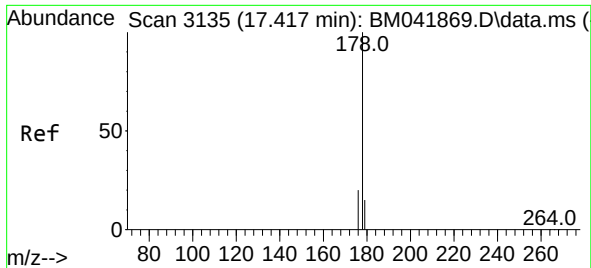
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.347 min Scan# 2442
Delta R.T. 0.005 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

Tgt Ion:152 Resp: 1756
Ion Ratio Lower Upper
152 100
151 57.2 16.3 24.5#
153 27.5 10.9 16.3#





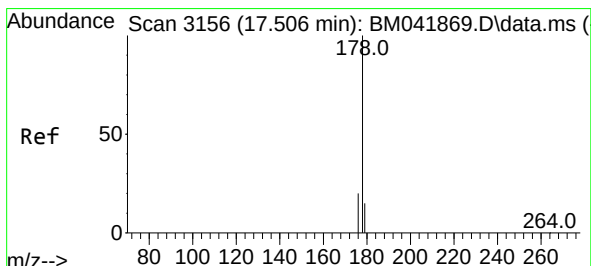
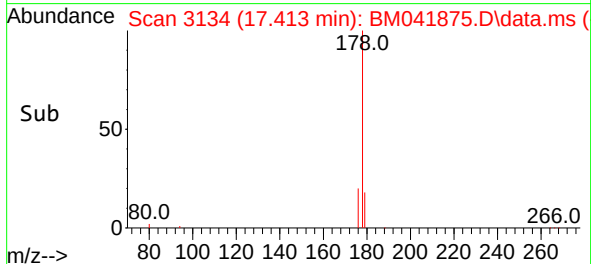
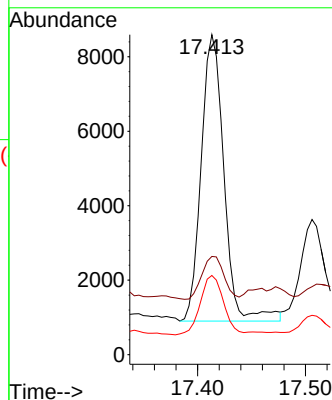
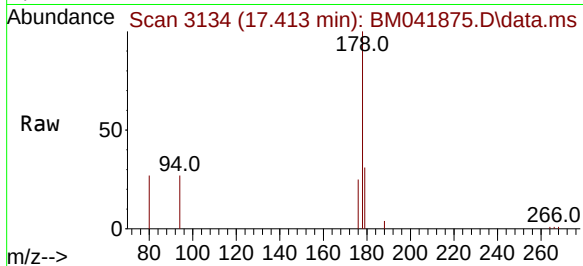
#15
Phenanthrene
Concen: 0.110 ng/ul
RT: 17.413 min Scan# 3113
Delta R.T. 0.004 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

Instrument :
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ClientSampleId :
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Tgt Ion:178 Resp: 1128
Ion Ratio Lower Upper
178 100
179 30.7 12.6 19.0#
176 24.8 16.6 25.0#

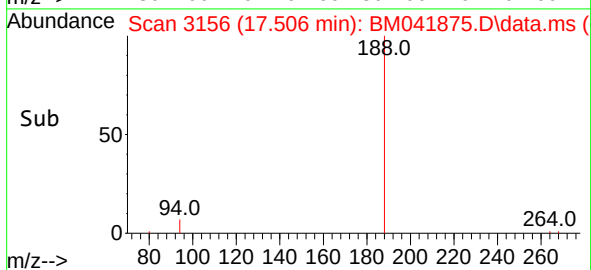
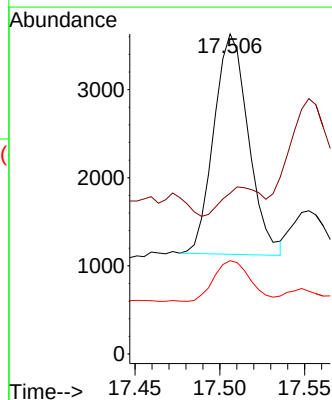
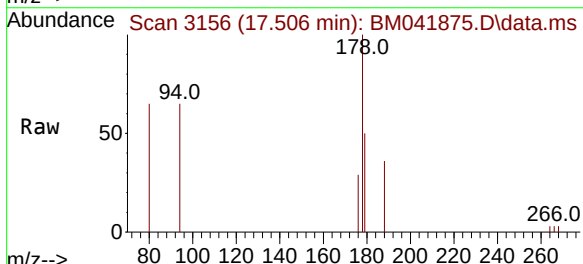
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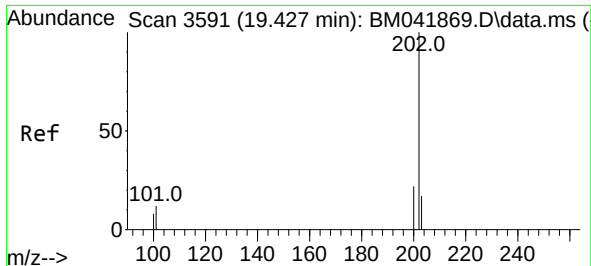
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#16
Anthracene
Concen: 0.040 ng/ul
RT: 17.506 min Scan# 3156
Delta R.T. 0.004 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

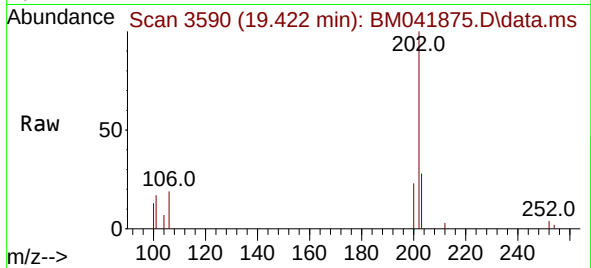
Tgt Ion:178 Resp: 3552
Ion Ratio Lower Upper
178 100
179 50.3 12.7 19.1#
176 29.1 16.1 24.1#





#19
Fluoranthene
Concen: 0.332 ng/u1
RT: 19.422 min Scan# 3590
Delta R.T. 0.005 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

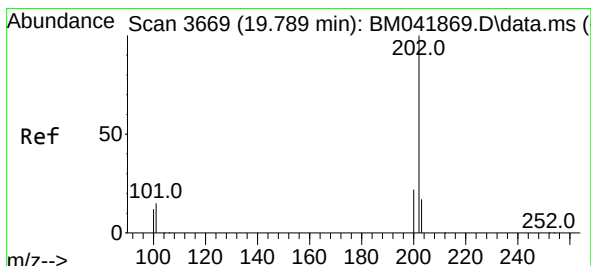
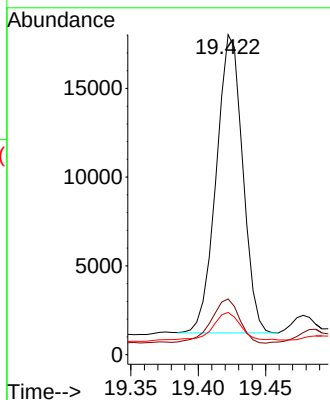
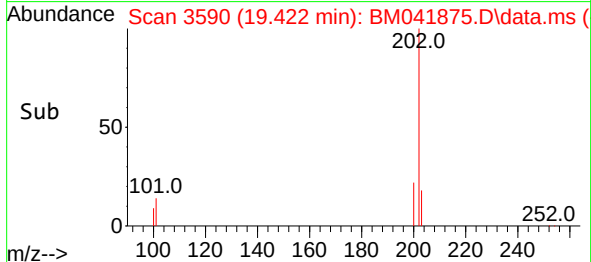
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ClientSampleId :
EZYK2DL



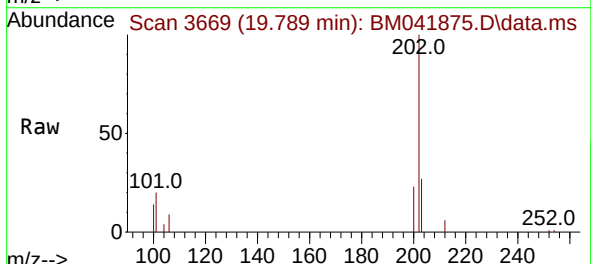
Tgt Ion:202 Resp: 2286
Ion Ratio Lower Upper
202 100
101 17.4 11.0 16.6
100 13.2 8.2 12.4

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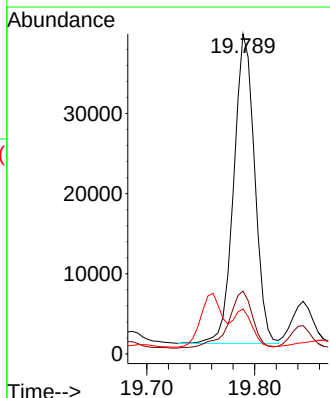
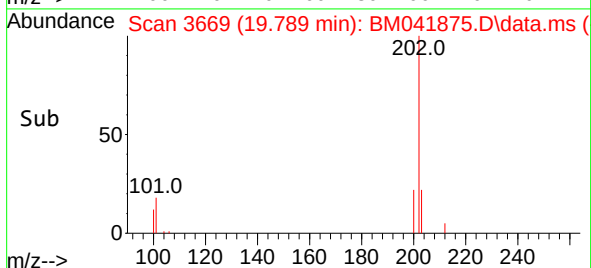
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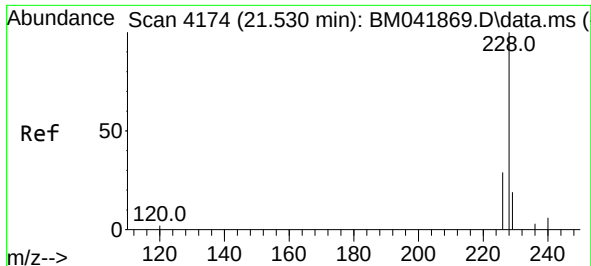


#20
Pyrene
Concen: 0.720 ng/u1
RT: 19.789 min Scan# 3669
Delta R.T. 0.005 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53



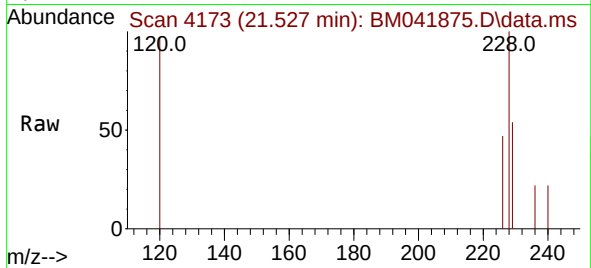
Tgt Ion:202 Resp: 51861
Ion Ratio Lower Upper
202 100
101 19.6 12.6 19.0
100 14.0 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.126 ng/ul
RT: 21.527 min Scan# 4173
Delta R.T. 0.006 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

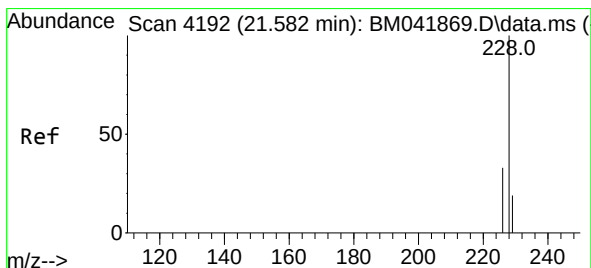
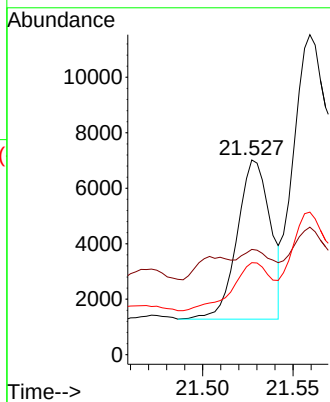
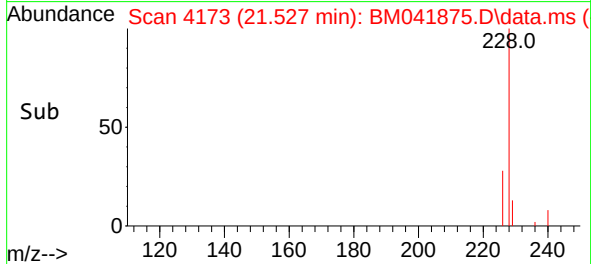
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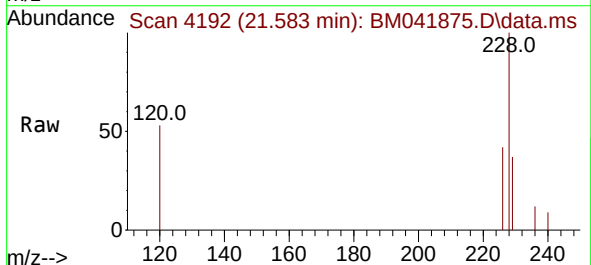
Tgt Ion:228 Resp: 735
Ion Ratio Lower Upper
228 100
229 54.0 15.8 23.8#
226 47.2 24.3 36.5#

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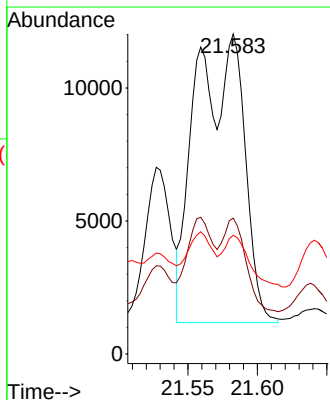
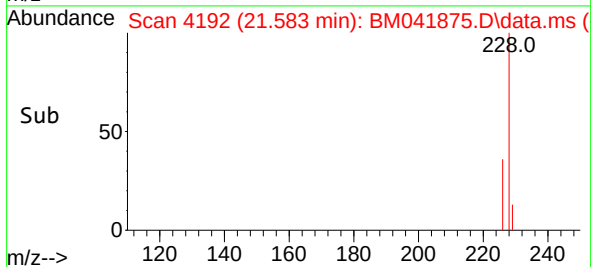
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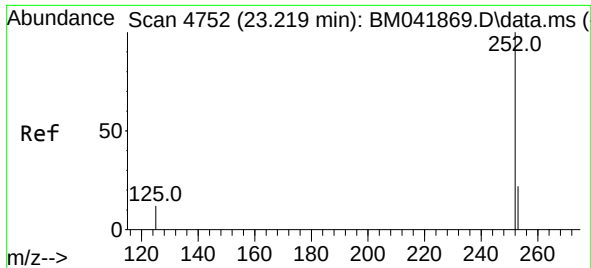


#22
Chrysene
Concen: 0.436 ng/ul m
RT: 21.583 min Scan# 4192
Delta R.T. 0.006 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53



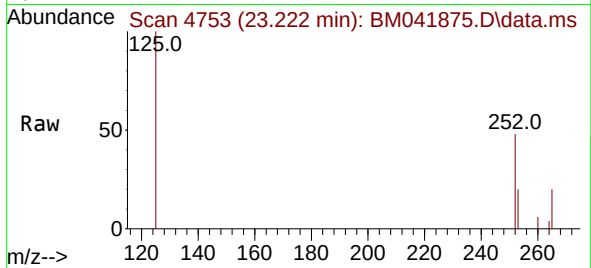
Tgt Ion:228 Resp: 26167
Ion Ratio Lower Upper
228 100
226 42.4 27.0 40.4#
229 37.1 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.319 ng/ul
RT: 23.222 min Scan# 4753
Delta R.T. 0.015 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

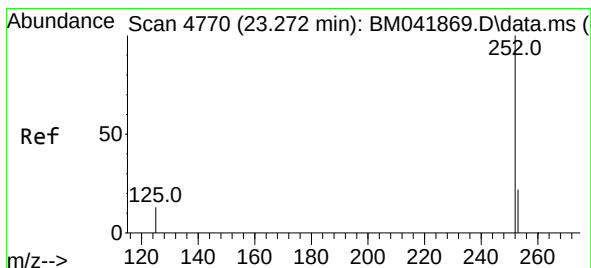
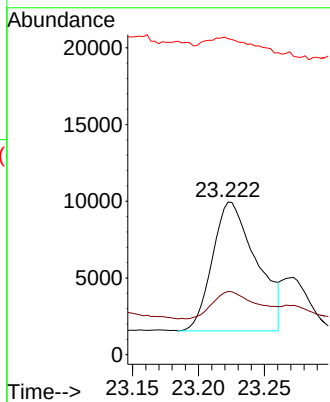
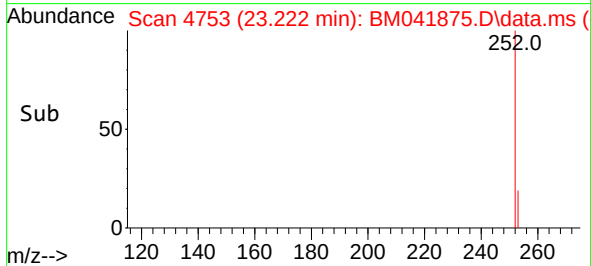
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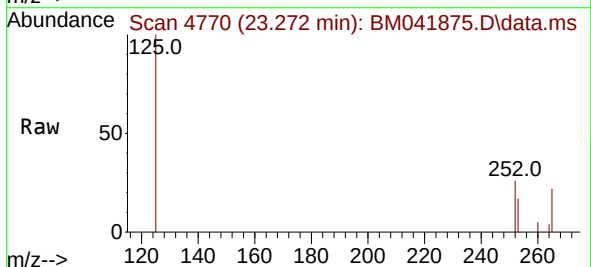
Tgt Ion:252 Resp: 1949
Ion Ratio Lower Upper
252 100
253 41.4 0.0 51.0
125 207.0 0.0 39.8

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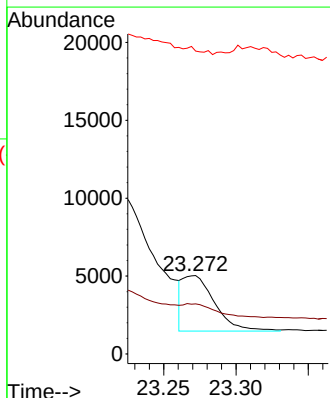
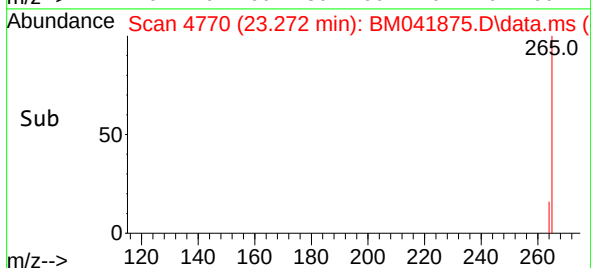
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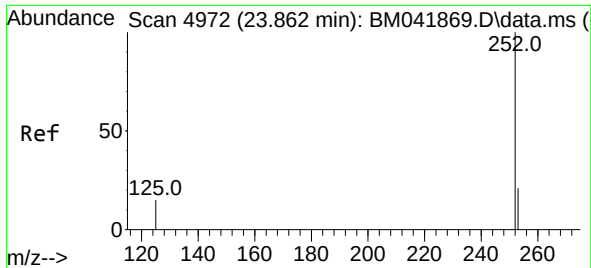


#25
Benzo(k)fluoranthene
Concen: 0.098 ng/ul m
RT: 23.272 min Scan# 4770
Delta R.T. 0.012 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53



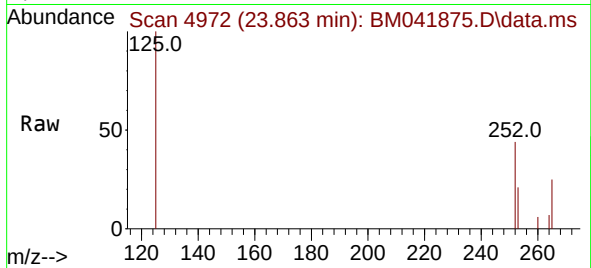
Tgt Ion:252 Resp: 5509
Ion Ratio Lower Upper
252 100
253 63.9 20.2 30.2#
125 386.5 15.8 23.8#





#26
Benzo(a)pyrene
Concen: 0.258 ng/ul
RT: 23.863 min Scan# 4972
Delta R.T. 0.018 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

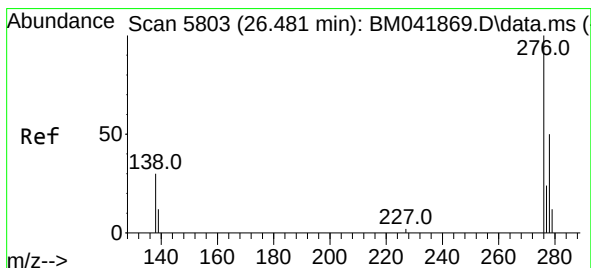
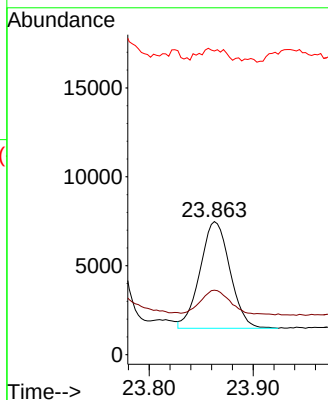
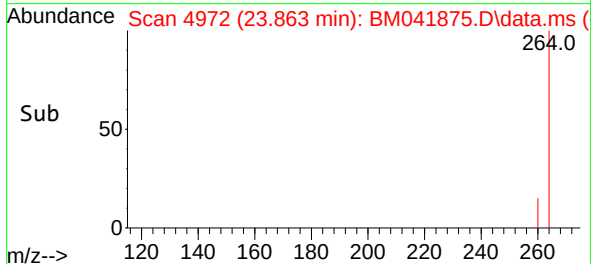
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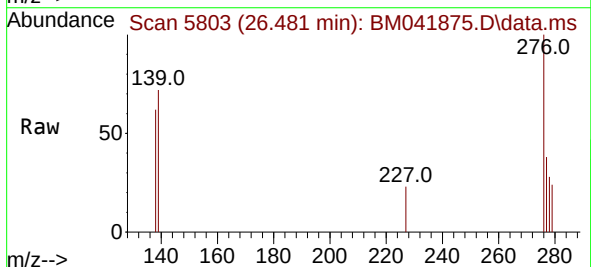
Tgt Ion:252 Resp: 11988
Ion Ratio Lower Upper
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253 48.4 21.8 32.8
125 228.0 18.8 28.2

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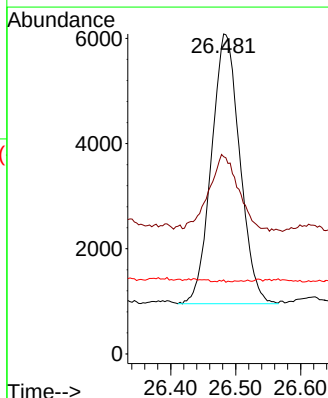
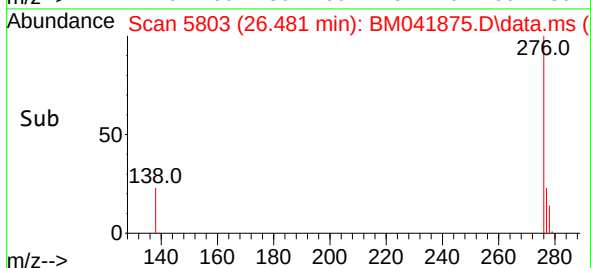
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

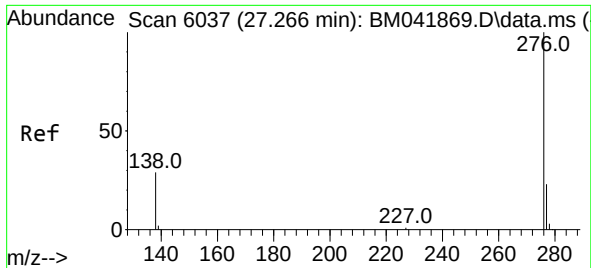


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.217 ng/ul
RT: 26.481 min Scan# 5803
Delta R.T. 0.027 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53



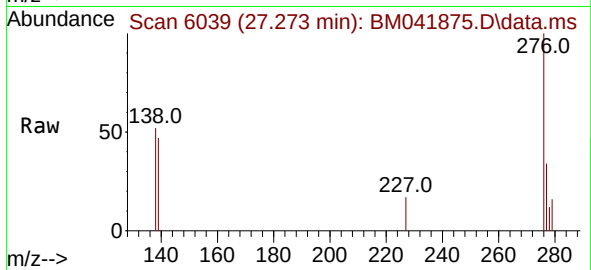
Tgt Ion:276 Resp: 15545
Ion Ratio Lower Upper
276 100
138 31.3 27.7 41.5
227 0.1 0.1 0.1





#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 27.273 min Scan# 6039
Delta R.T. 0.037 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

Instrument :
BNA_M
ClientSampleId :
EZYK2DL



Tgt Ion:276 Resp: 2413
Ion Ratio Lower Upper
276 100
138 52.4 24.7 37.1
277 34.4 19.3 28.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

