

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
 Data File : BM040405.D
 Acq On : 26 Jun 2023 17:19
 Operator : MA/JU
 Sample : 03084-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFQ7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 04:26:27 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 : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	6785	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	22215	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.586	164	8965	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	15683	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	11048	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	12542	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	24851	2.332	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	4522	0.145	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	5585	0.158	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	23328	0.381	ng/ul	98
7) 2-Methylnaphthalene	12.417	142	13517	0.376	ng/ul	98
8) 1-Methylnaphthalene	12.637	142	8846	0.246	ng/ul	99
10) Acenaphthylene	14.309	152	57915	1.446	ng/ul	100
11) Acenaphthene	14.651	153	4969	0.147	ng/ul	98
12) Fluorene	15.637	166	7264	0.201	ng/ul#	99
15) Phenanthrene	17.374	178	148459	3.048	ng/ul	98
16) Anthracene	17.463	178	40011	0.977	ng/ul	100
19) Fluoranthene	19.389	202	405594	8.643	ng/ul	95
20) Pyrene	19.751	202	333132	6.621	ng/ul	97
21) Benzo(a)anthracene	21.494	228	199130	5.329	ng/ul	98
22) Chrysene	21.547	228	202887	4.759	ng/ul	98
24) Benzo(b)fluoranthene	23.189	252	371792	7.660	ng/ul	89
25) Benzo(k)fluoranthene	23.230	252	107902m	2.256	ng/ul	
26) Benzo(a)pyrene	23.818	252	221560	5.068	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.427	276	199316	3.273	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.437	278	48831	1.024	ng/ul	97
29) Benzo(g,h,i)perylene	27.205	276	182518	3.420	ng/ul	95

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

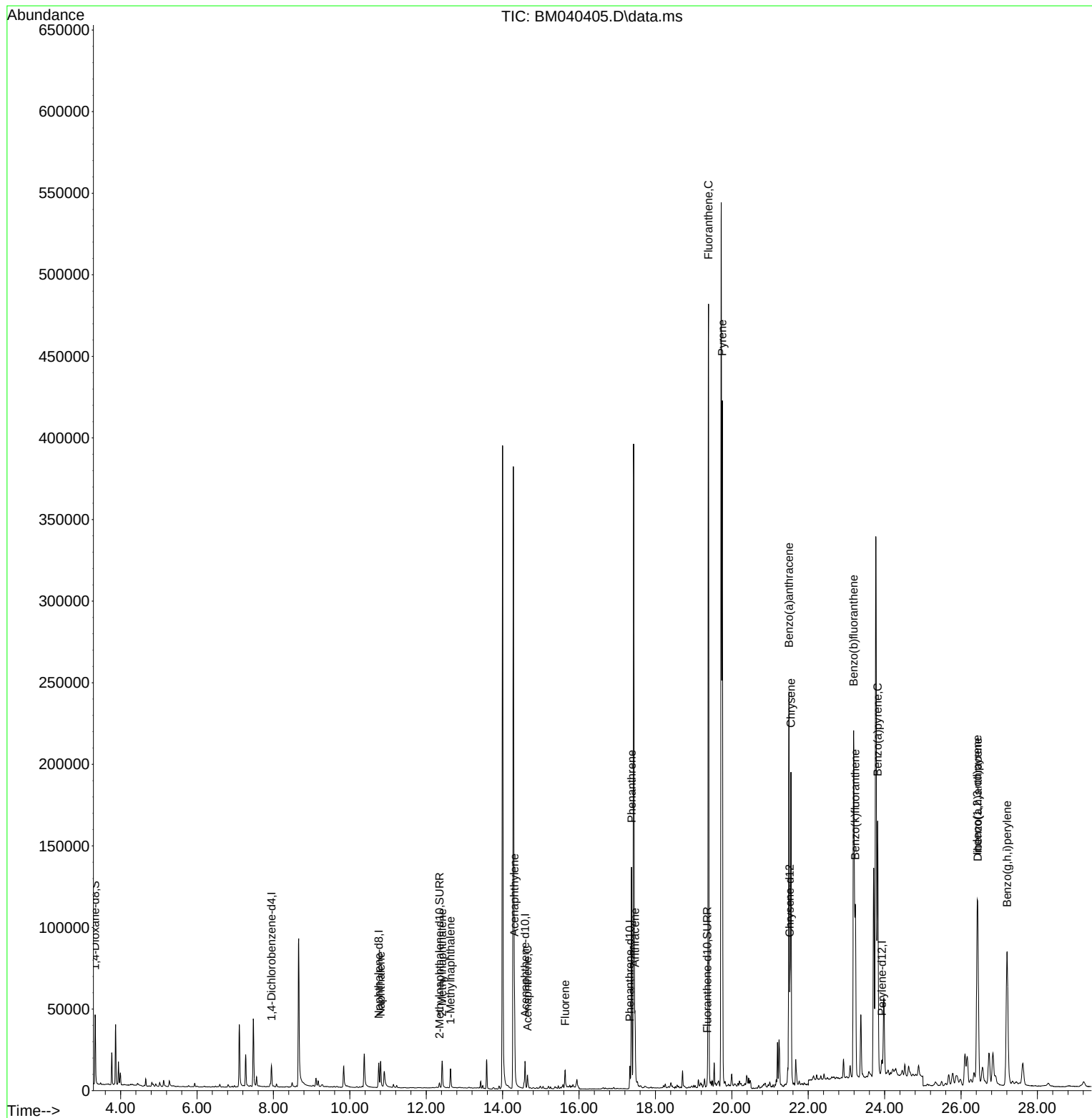
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
Data File : BM040405.D
Acq On : 26 Jun 2023 17:19
Operator : MA/JU
Sample : 03084-20
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ALS Vial : 7 Sample Multiplier: 1

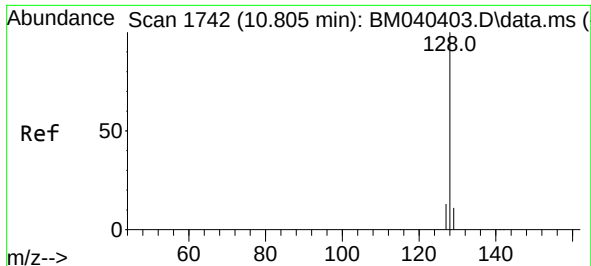
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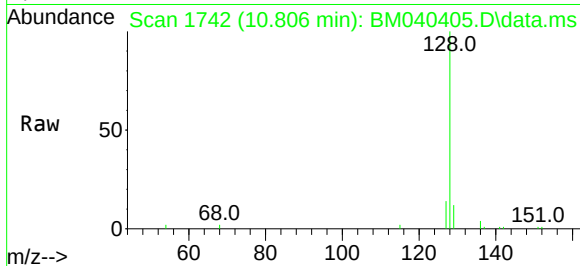
Quant Time: Jun 27 04:26:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.381 ng/ul
RT: 10.806 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

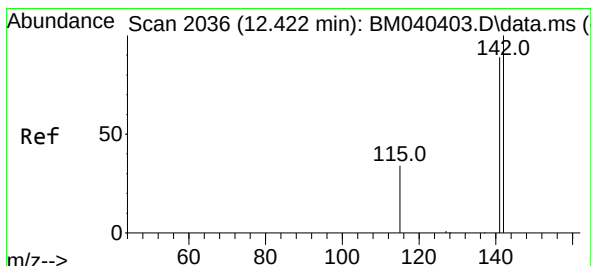
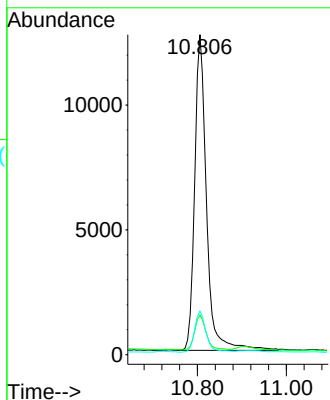
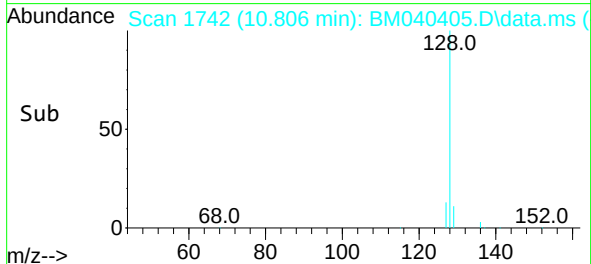
Instrument :
BNA_M
ClientSampleId :
DCFQ7



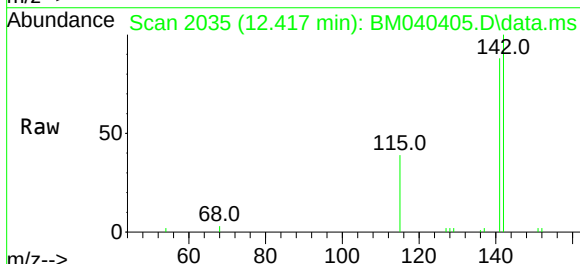
Tgt Ion:128 Resp: 23328
Ion Ratio Lower Upper
128 100
129 12.4 9.2 13.8
127 13.6 10.6 15.8

Manual Integrations
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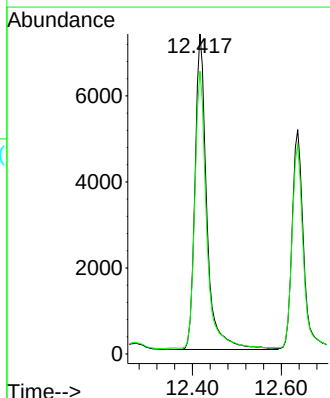
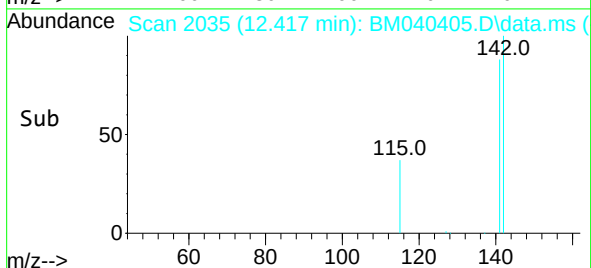
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

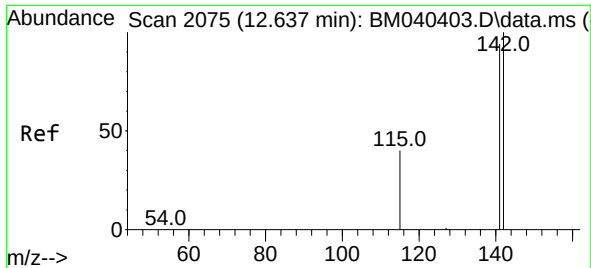


#7
2-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19



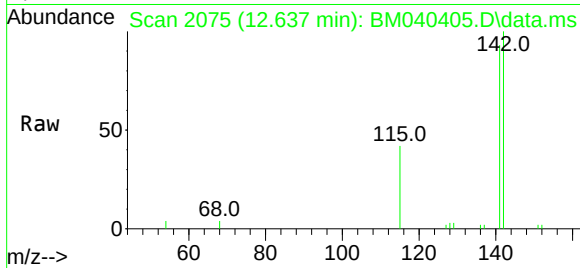
Tgt Ion:142 Resp: 13517
Ion Ratio Lower Upper
142 100
141 88.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.246 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

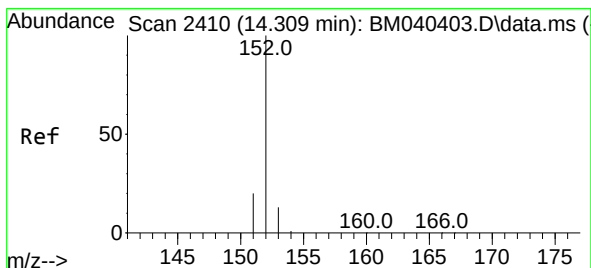
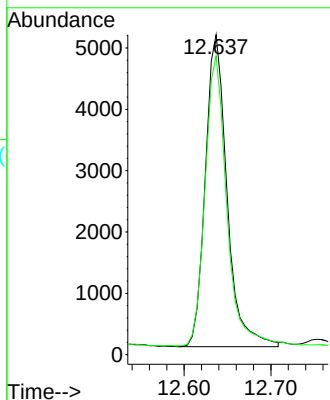
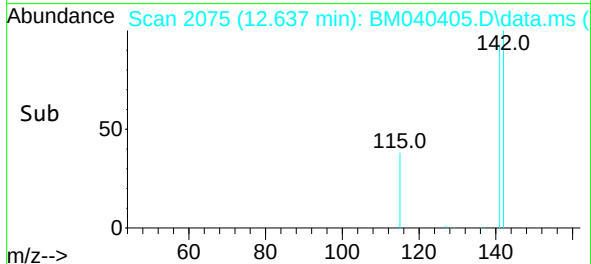
Instrument :
BNA_M
ClientSampleId :
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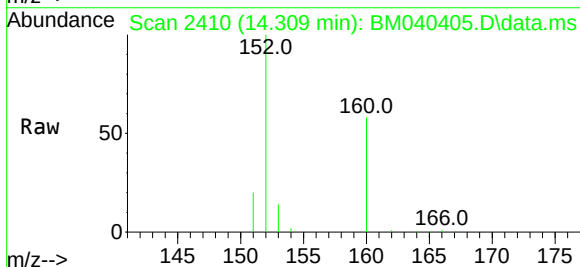
Tgt Ion:142 Resp: 8840
Ion Ratio Lower Upper
142 100
141 92.8 73.7 110.5

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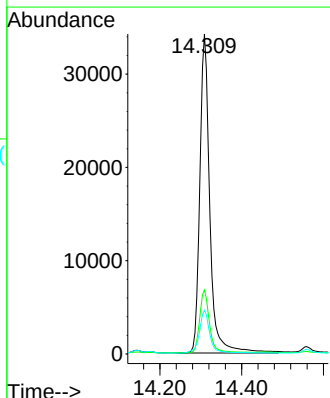
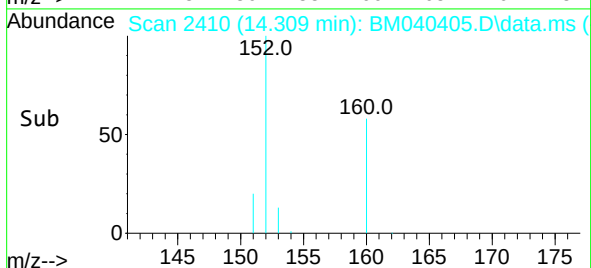
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

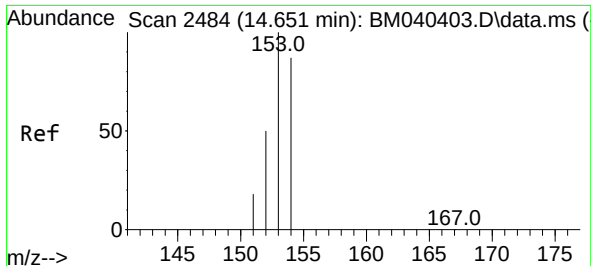


#10
Acenaphthylene
Concen: 1.446 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19



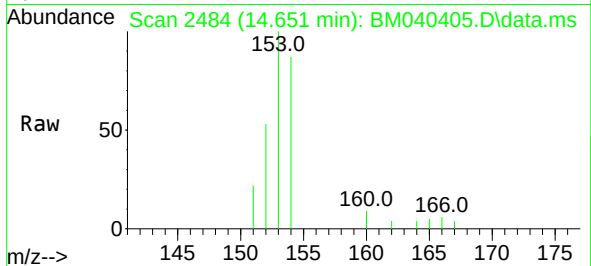
Tgt Ion:152 Resp: 57915
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.7 10.9 16.3





#11
Acenaphthene
Concen: 0.147 ng/ul
RT: 14.651 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

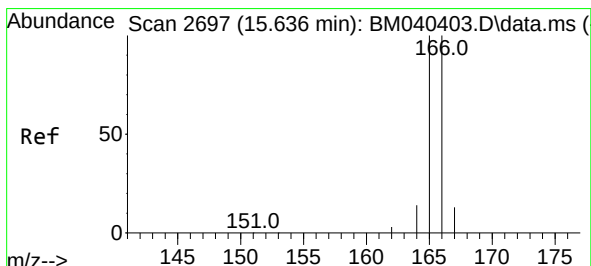
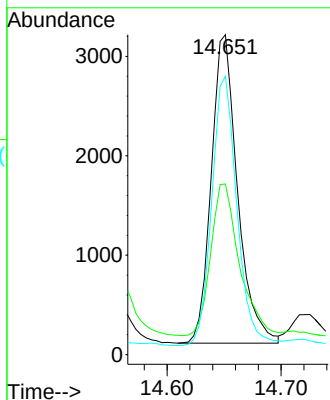
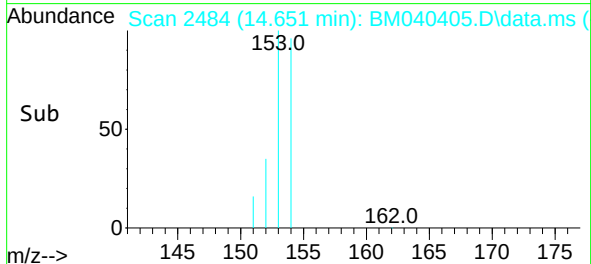
Instrument :
BNA_M
ClientSampleId :
DCFQ7



Tgt Ion:153 Resp: 4969
Ion Ratio Lower Upper
153 100
152 53.4 41.0 61.4
154 87.0 70.8 106.2

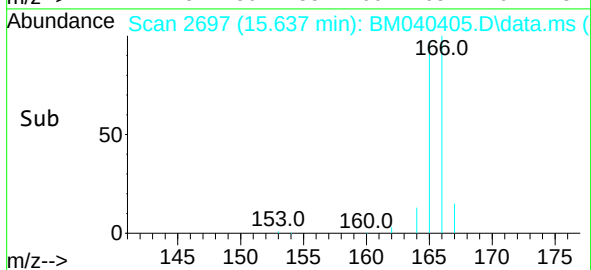
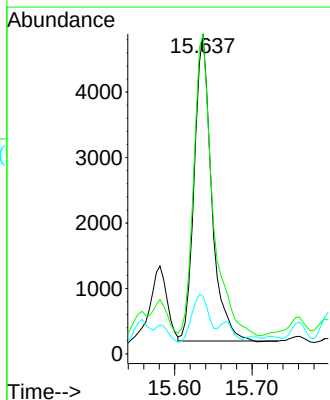
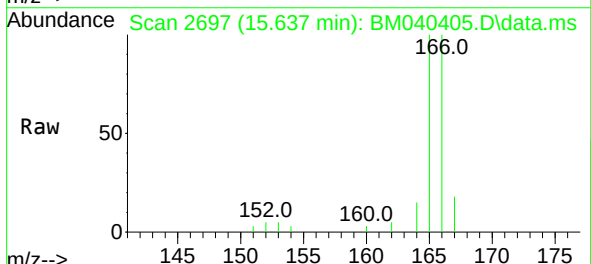
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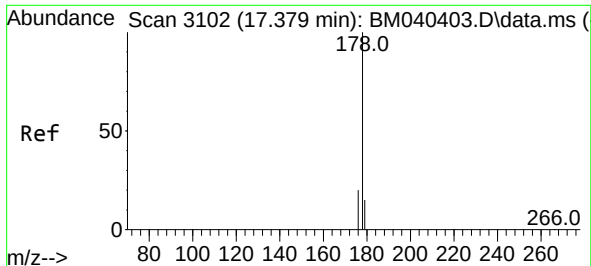
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#12
Fluorene
Concen: 0.201 ng/ul
RT: 15.637 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

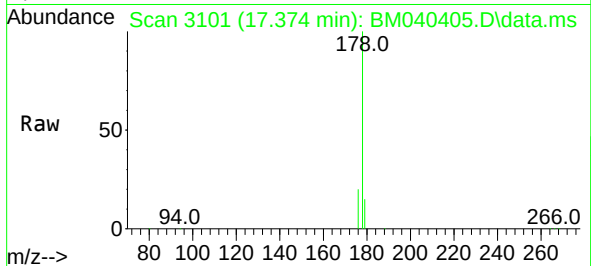
Tgt Ion:166 Resp: 7264
Ion Ratio Lower Upper
166 100
165 99.9 79.6 119.4
167 18.1 11.4 17.0#





#15
Phenanthrene
Concen: 3.048 ng/ul
RT: 17.374 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

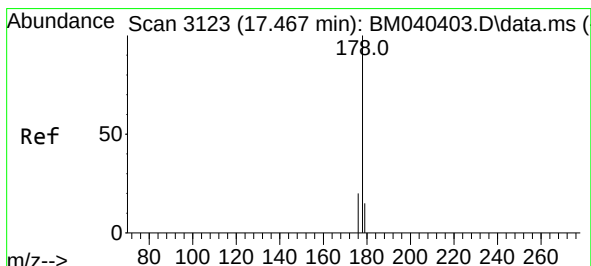
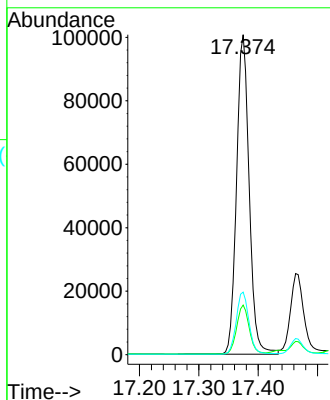
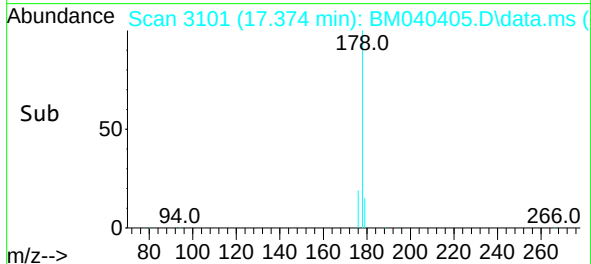
Instrument :
BNA_M
ClientSampleId :
DCFQ7



Tgt Ion:178 Resp: 148459
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.6 16.4 24.6

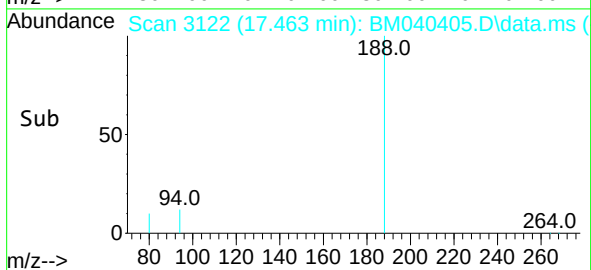
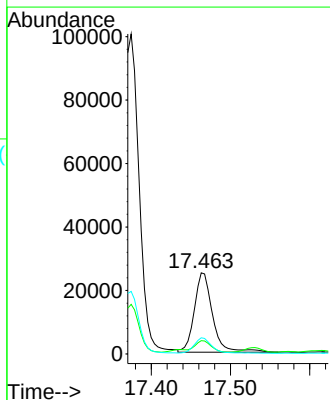
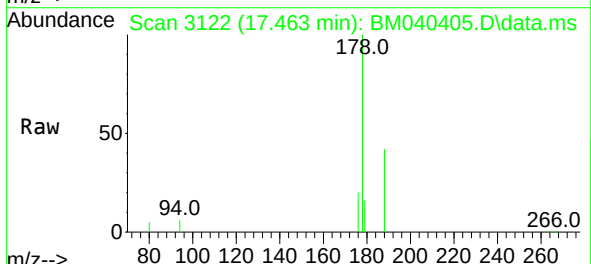
Manual Integrations
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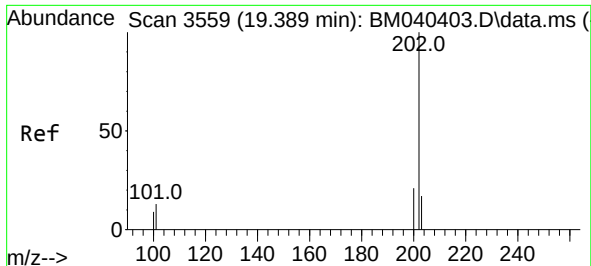
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#16
Anthracene
Concen: 0.977 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

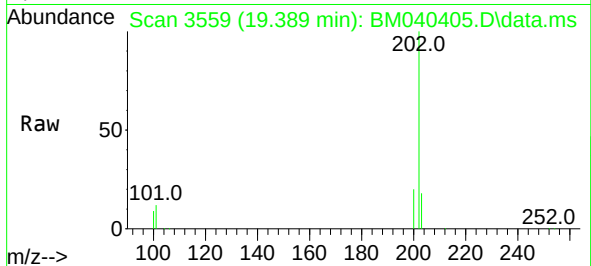
Tgt Ion:178 Resp: 40011
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 19.8 15.8 23.6





#19
Fluoranthene
Concen: 8.643 ng/u1
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

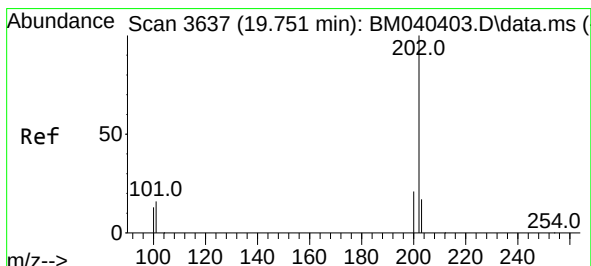
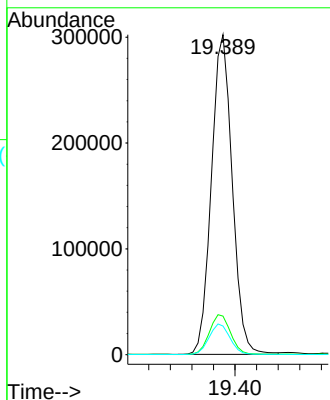
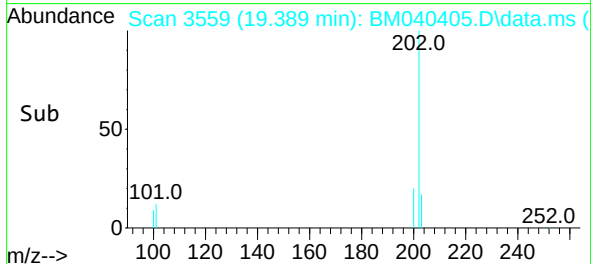
Instrument :
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ClientSampleId :
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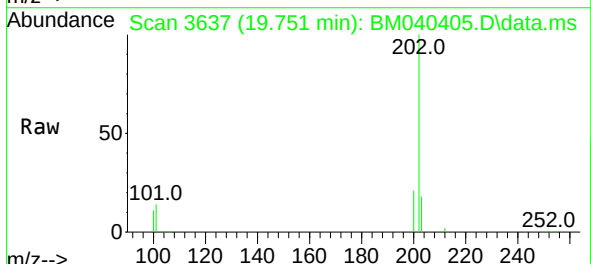
Tgt Ion:202 Resp: 405594
Ion Ratio Lower Upper
202 100
101 12.1 11.4 17.0
100 9.0 8.7 13.1

Manual Integrations
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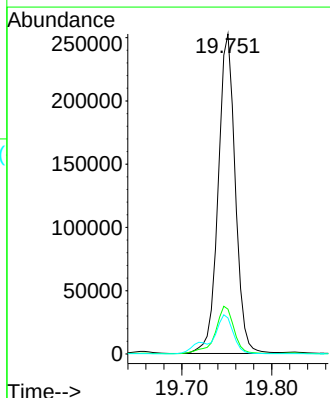
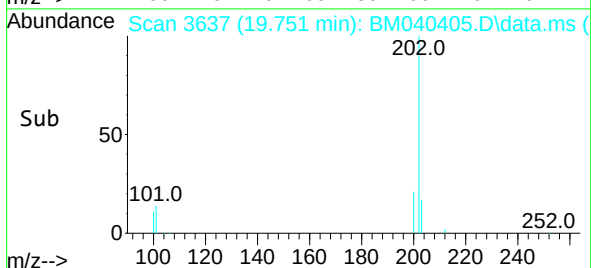
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

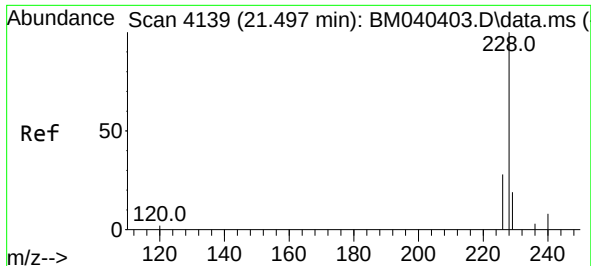


#20
Pyrene
Concen: 6.621 ng/u1
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19



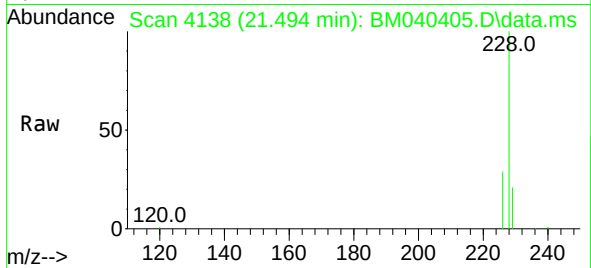
Tgt Ion:202 Resp: 333132
Ion Ratio Lower Upper
202 100
101 14.0 12.6 18.8
100 11.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 5.329 ng/u1
RT: 21.494 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

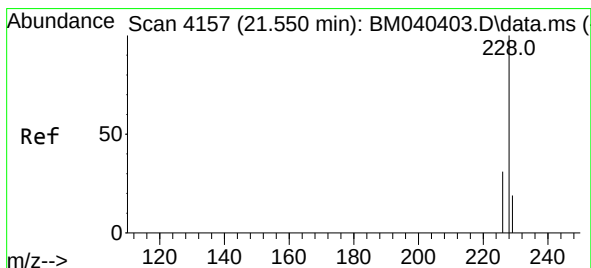
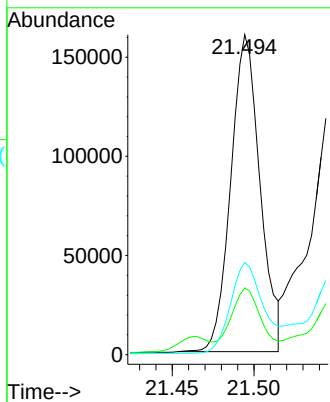
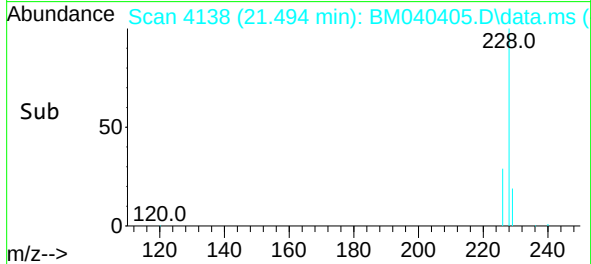
Instrument :
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DCFQ7



Tgt Ion:228 Resp: 199130
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 28.8 22.3 33.5

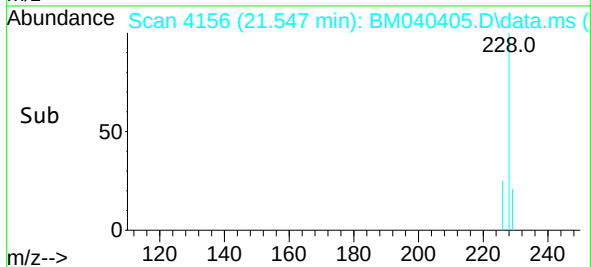
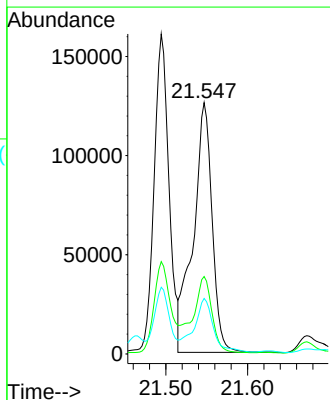
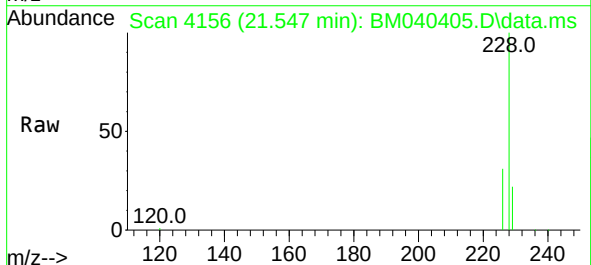
Manual Integrations
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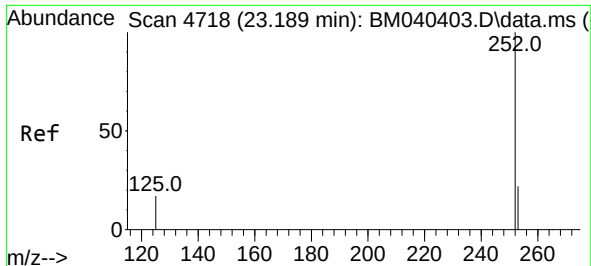
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#22
Chrysene
Concen: 4.759 ng/u1
RT: 21.547 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

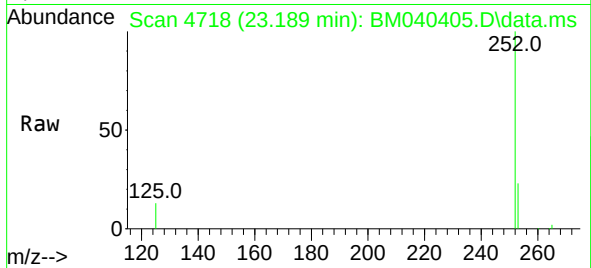
Tgt Ion:228 Resp: 202887
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 22.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 7.660 ng/ul
RT: 23.189 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

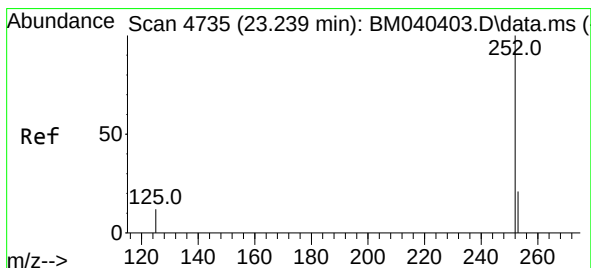
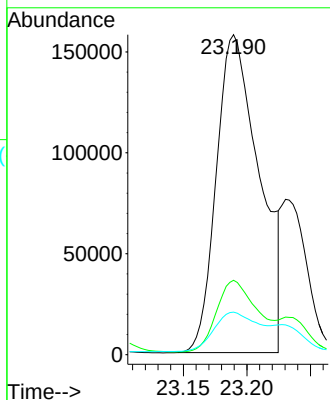
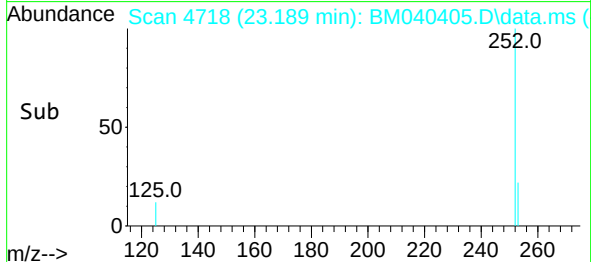
Instrument :
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ClientSampleId :
DCFQ7



Tgt Ion:252 Resp: 371792
Ion Ratio Lower Upper
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253 23.2 0.0 52.8
125 13.3 0.0 43.0

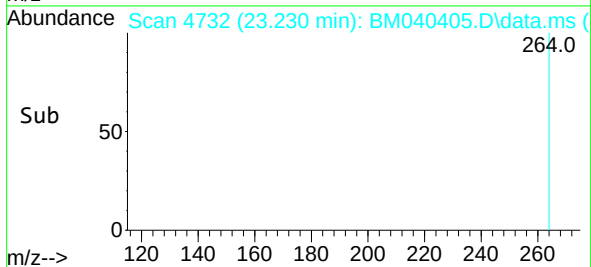
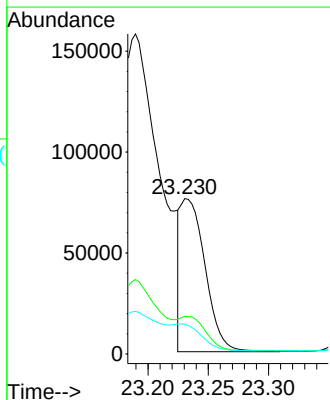
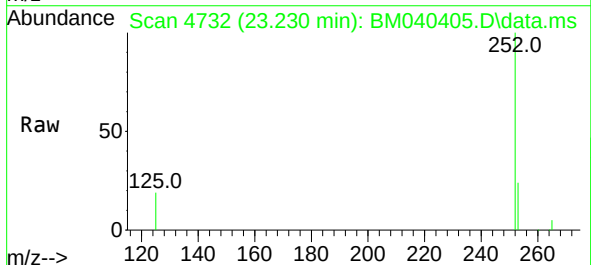
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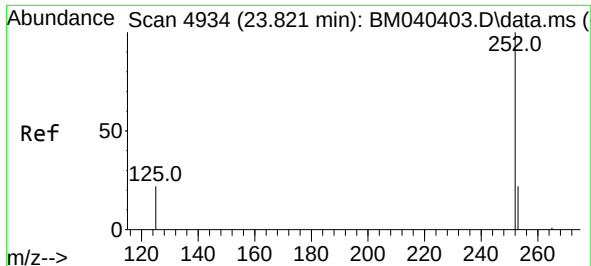
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#25
Benzo(k)fluoranthene
Concen: 2.256 ng/ul m
RT: 23.230 min Scan# 4732
Delta R.T. -0.012 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

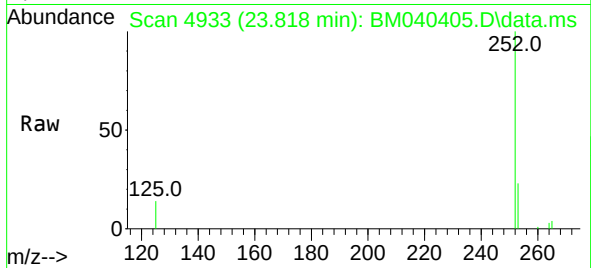
Tgt Ion:252 Resp: 107902
Ion Ratio Lower Upper
252 100
253 24.2 21.2 31.8
125 19.1 16.4 24.6





#26
Benzo(a)pyrene
Concen: 5.068 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

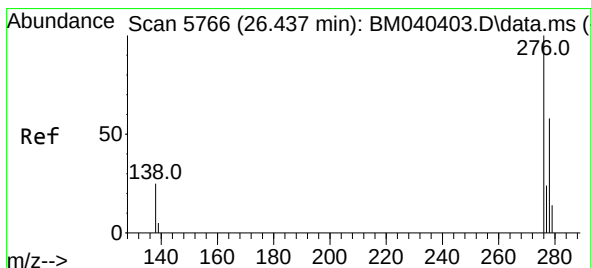
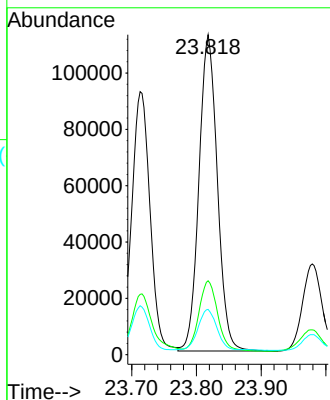
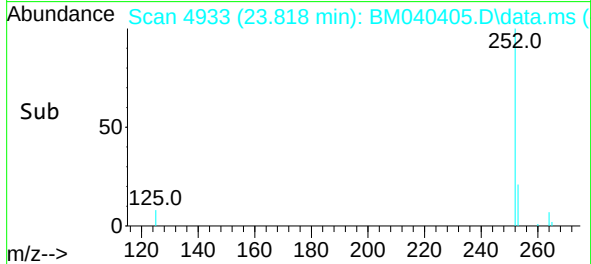
Instrument :
BNA_M
ClientSampleId :
DCFQ7



Tgt Ion:252 Resp: 221560
Ion Ratio Lower Upper
252 100
253 23.1 22.9 34.3
125 14.2 21.0 31.4

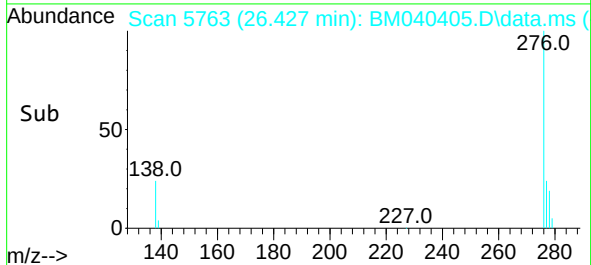
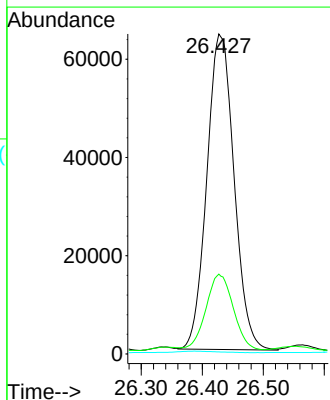
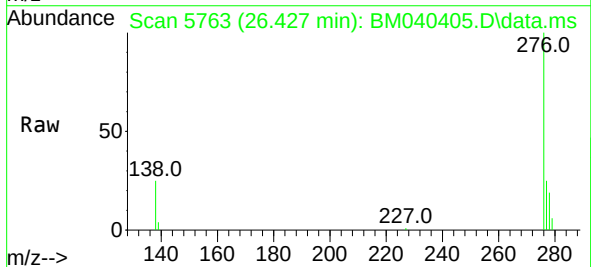
Manual Integrations
APPROVED

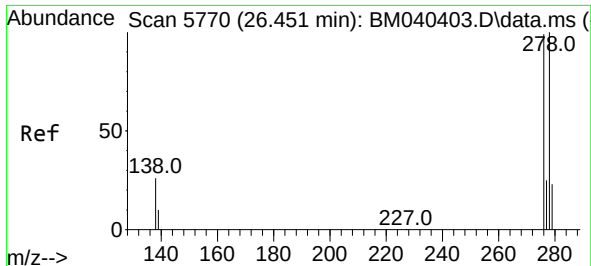
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.273 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. -0.007 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

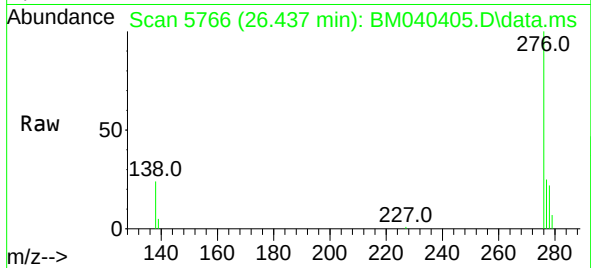
Tgt Ion:276 Resp: 199316
Ion Ratio Lower Upper
276 100
138 24.3 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.024 ng/ul
RT: 26.437 min Scan# 5766
Delta R.T. -0.017 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

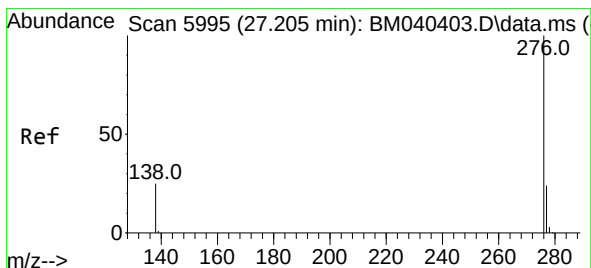
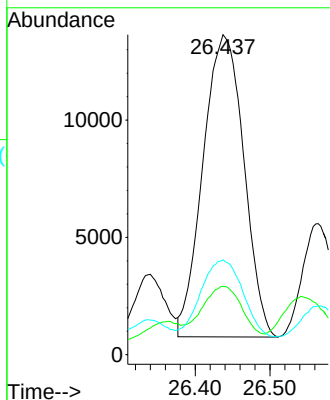
Instrument :
BNA_M
ClientSampleId :
DCFQ7



Tgt Ion:278 Resp: 4883
Ion Ratio Lower Upper
278 100
139 21.4 17.9 26.9
279 29.7 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#29
Benzo(g,h,i)perylene
Concen: 3.420 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. -0.000 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

Tgt Ion:276 Resp: 182518
Ion Ratio Lower Upper
276 100
138 25.4 23.0 34.6
277 24.1 20.3 30.5

