

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
 Data File : BM040388.D
 Acq On : 23 Jun 2023 22:52
 Operator : MA/JU
 Sample : 03084-22MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFQ7MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 24 01:39:17 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	8197	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	31014	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	15229	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	28743	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	12593	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	16470	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	3561	0.277	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	8625	0.198	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	12534	0.310	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.367	88	8627	0.658	ng/ul#	91
5) Naphthalene	10.806	128	55447	0.648	ng/ul	100
7) 2-Methylnaphthalene	12.417	142	33315	0.663	ng/ul	99
8) 1-Methylnaphthalene	12.637	142	25208	0.502	ng/ul	100
10) Acenaphthylene	14.309	152	119192	1.752	ng/ul	100
11) Acenaphthene	14.651	153	19418	0.338	ng/ul	99
12) Fluorene	15.636	166	24200	0.395	ng/ul	99
14) Pentachlorophenol	17.003	266	1459	0.264	ng/ul	91
15) Phenanthrene	17.374	178	359626	4.028	ng/ul	98
16) Anthracene	17.467	178	96051	1.280	ng/ul	99
19) Fluoranthene	19.389	202	949670	17.753	ng/ul	96
20) Pyrene	19.751	202	792922	13.826	ng/ul	97
21) Benzo(a)anthracene	21.497	228	367701	8.632	ng/ul	98
22) Chrysene	21.550	228	364118	7.494	ng/ul	98
24) Benzo(b)fluoranthene	23.192	252	591286	9.277	ng/ul	88
25) Benzo(k)fluoranthene	23.236	252	225206m	3.585	ng/ul	
26) Benzo(a)pyrene	23.818	252	376282	6.554	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.430	276	317560	3.971	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.444	278	83684	1.337	ng/ul	98
29) Benzo(g,h,i)perylene	27.205	276	293126	4.182	ng/ul	95

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

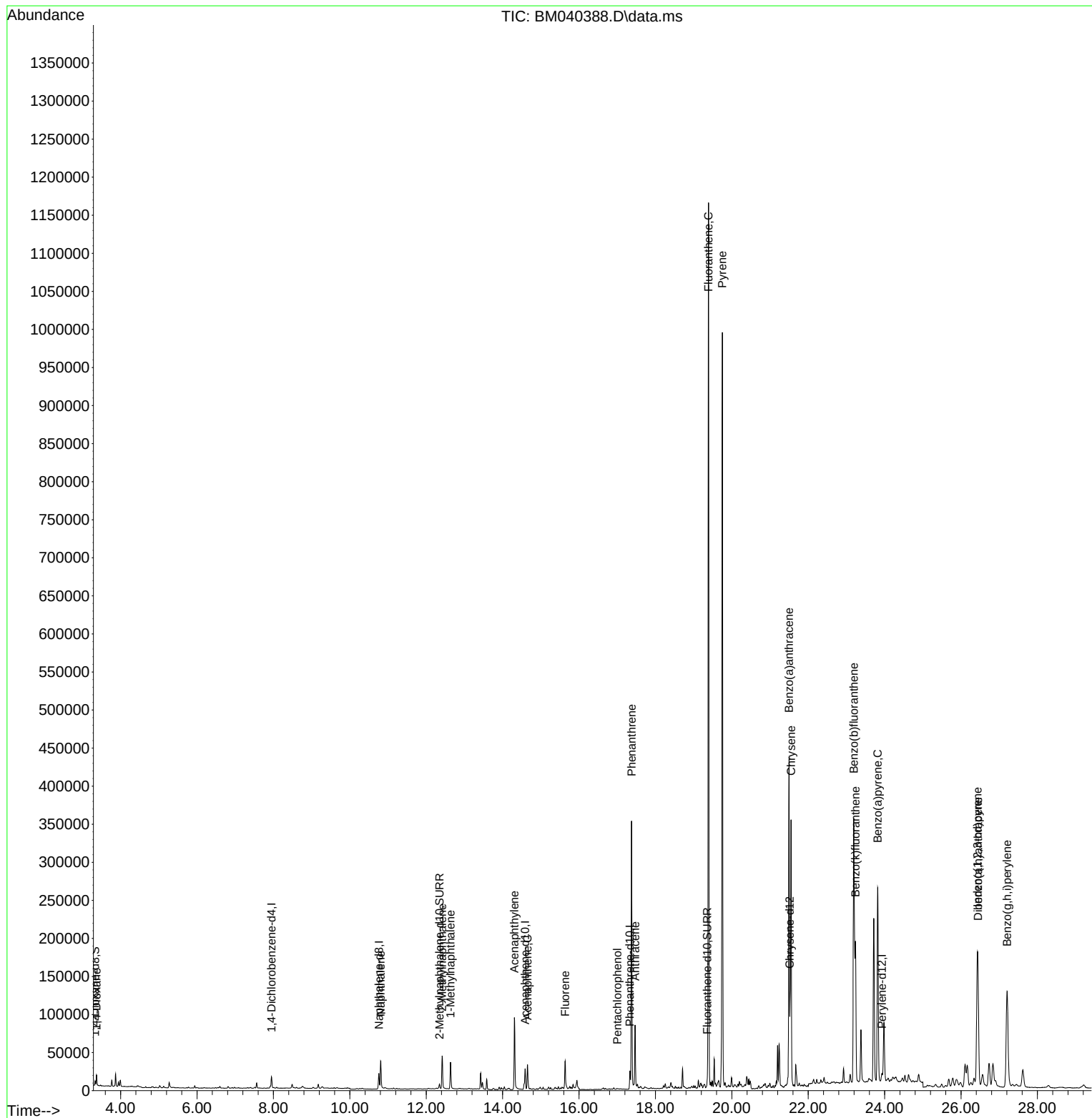
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040388.D
Acq On : 23 Jun 2023 22:52
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ALS Vial : 16 Sample Multiplier: 1

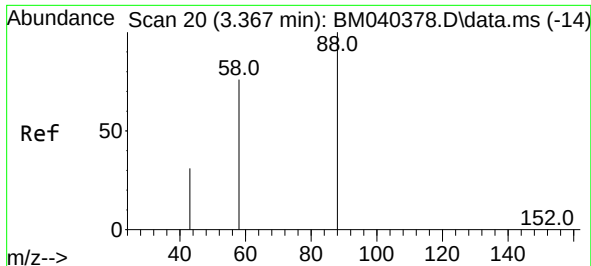
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Jun 24 01:39:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023





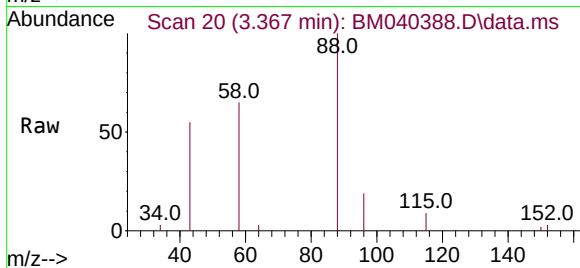
#2
 1,4-Dioxane
 Concen: 0.658 ng/ul
 RT: 3.367 min Scan# 20
 Delta R.T. -0.004 min
 Lab File: BM040388.D
 Acq: 23 Jun 2023 22:52

Instrument :

BNA_M

ClientSampleId :

DCFQ7MSD



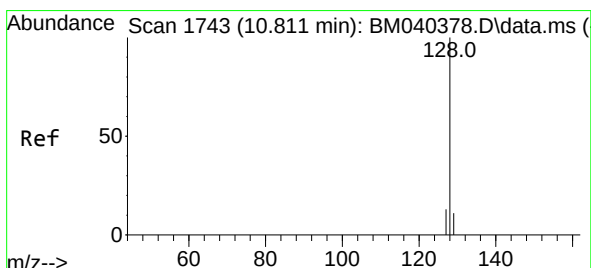
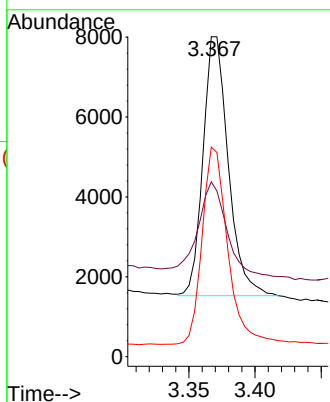
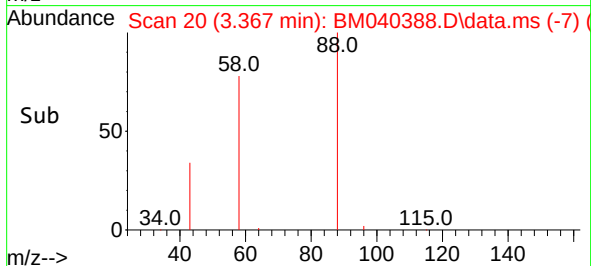
Tgt Ion: 88 Resp: 862
 Ion Ratio Lower Upper
 88 100
 43 54.7 36.1 54.1
 58 65.5 49.8 74.8

Manual Integrations

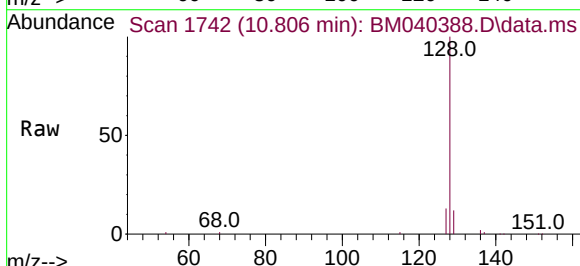
APPROVED

Reviewed By :Yogesh Patel 06/24/2023

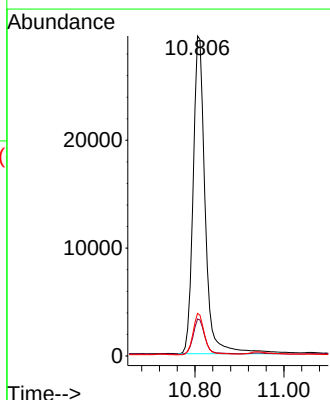
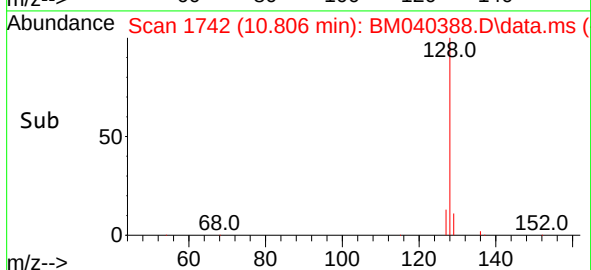
Supervised By :mohammad ahmed 06/27/2023

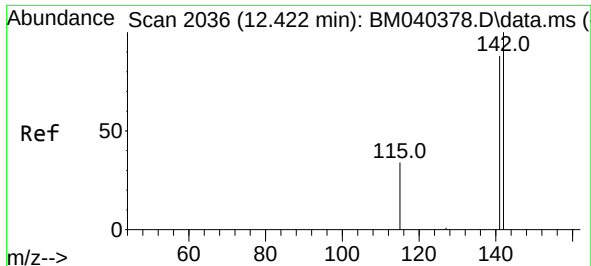


#5
 Naphthalene
 Concen: 0.648 ng/ul
 RT: 10.806 min Scan# 1742
 Delta R.T. -0.006 min
 Lab File: BM040388.D
 Acq: 23 Jun 2023 22:52



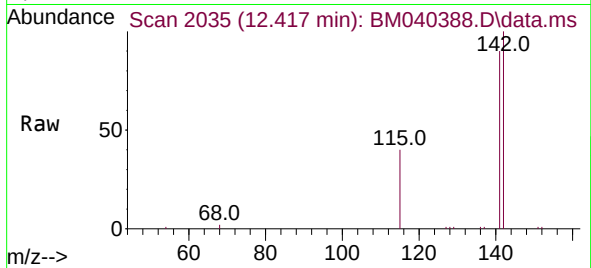
Tgt Ion:128 Resp: 55447
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.2 13.8
 127 13.3 10.6 15.8





#7
2-Methylnaphthalene
Concen: 0.663 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM040388.D
Acq: 23 Jun 2023 22:52

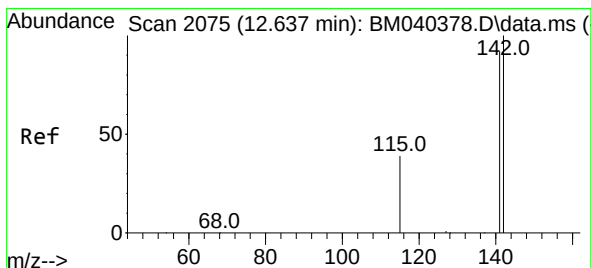
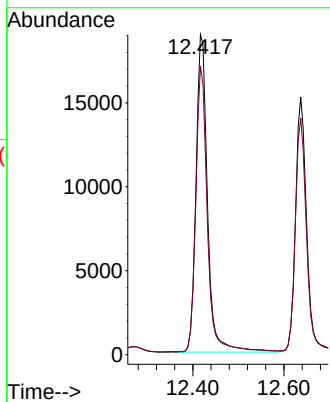
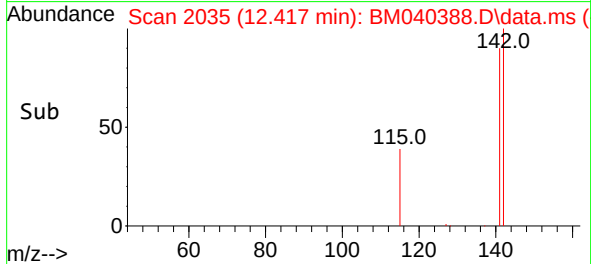
Instrument :
BNA_M
ClientSampleId :
DCFQ7MSD



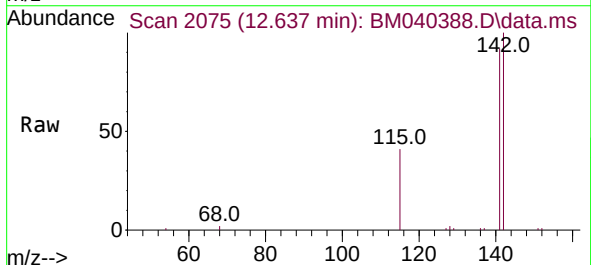
Tgt Ion:142 Resp: 33315
Ion Ratio Lower Upper
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141 88.7 71.9 107.9

Manual Integrations
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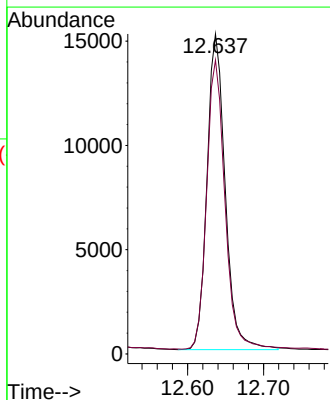
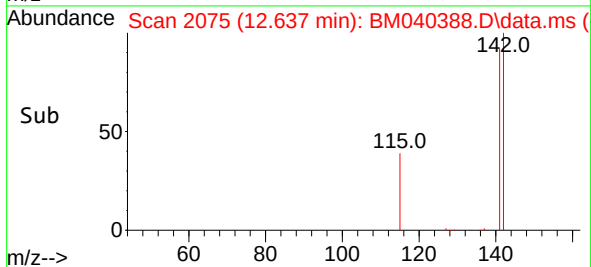
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023

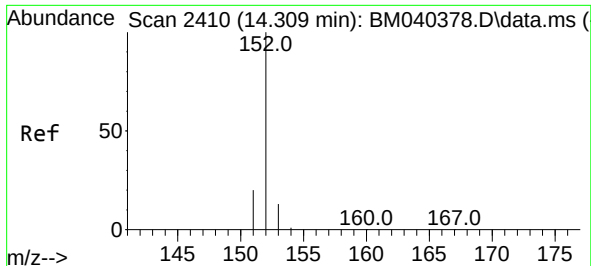


#8
1-Methylnaphthalene
Concen: 0.502 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM040388.D
Acq: 23 Jun 2023 22:52



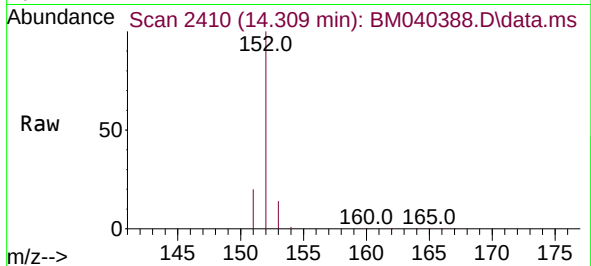
Tgt Ion:142 Resp: 25208
Ion Ratio Lower Upper
142 100
141 92.1 73.7 110.5





#10
Acenaphthylene
Concen: 1.752 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040388.D
Acq: 23 Jun 2023 22:52

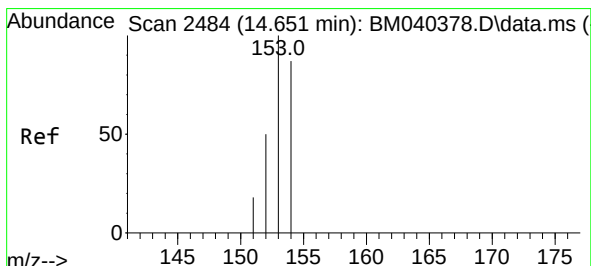
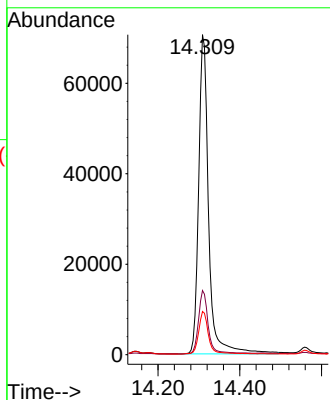
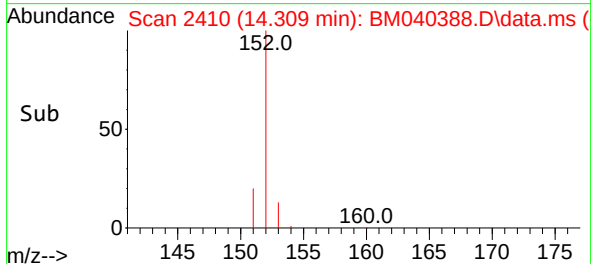
Instrument :
BNA_M
ClientSampleId :
DCFQ7MSD



Tgt Ion:152 Resp: 119192
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.5 10.9 16.3

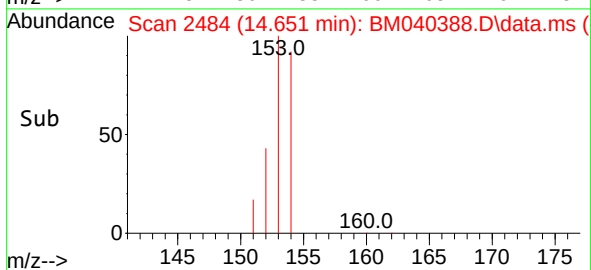
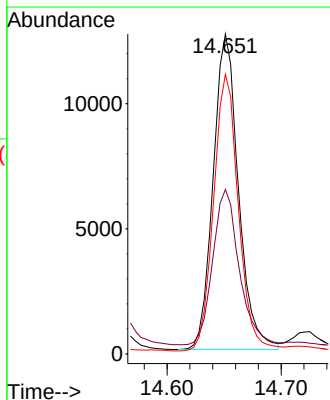
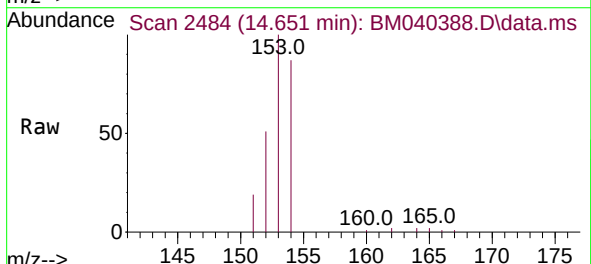
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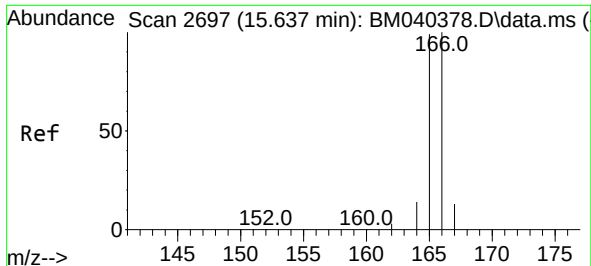
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#11
Acenaphthene
Concen: 0.338 ng/ul
RT: 14.651 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BM040388.D
Acq: 23 Jun 2023 22:52

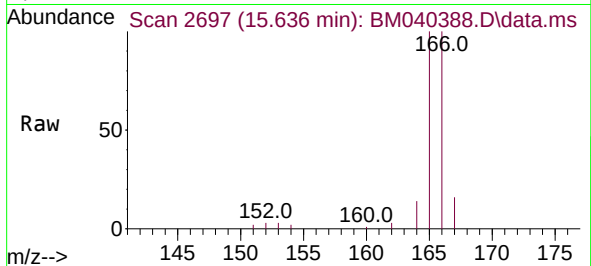
Tgt Ion:153 Resp: 19418
Ion Ratio Lower Upper
153 100
152 51.4 41.0 61.4
154 87.4 70.8 106.2





#12
Fluorene
Concen: 0.395 ng/ul
RT: 15.636 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040388.D
Acq: 23 Jun 2023 22:52

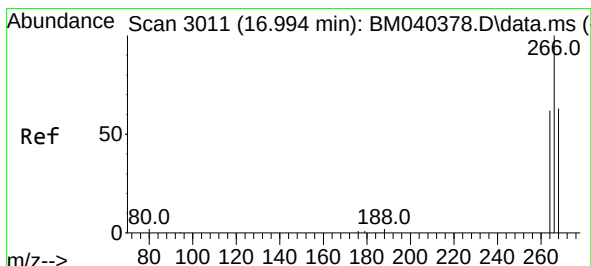
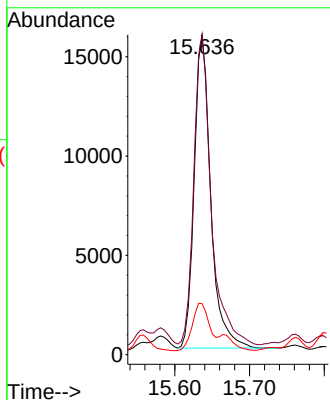
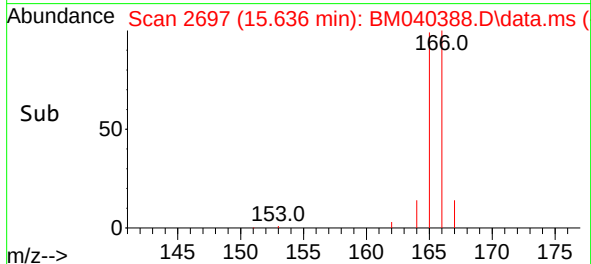
Instrument :
BNA_M
ClientSampleId :
DCFQ7MSD



Tgt Ion:166 Resp: 24200
Ion Ratio Lower Upper
166 100
165 100.2 79.6 119.4
167 16.0 11.4 17.0

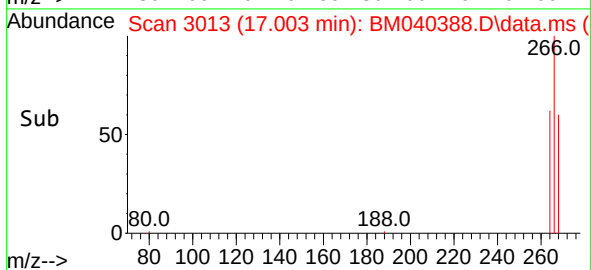
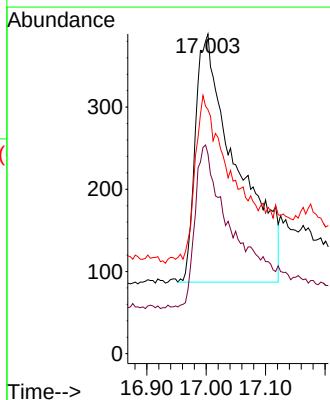
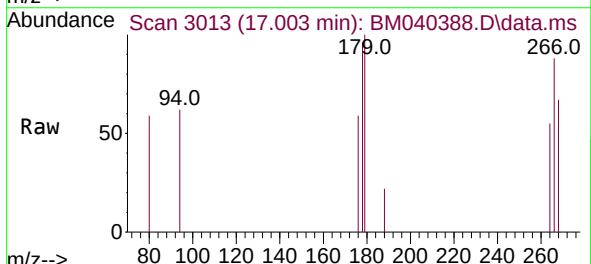
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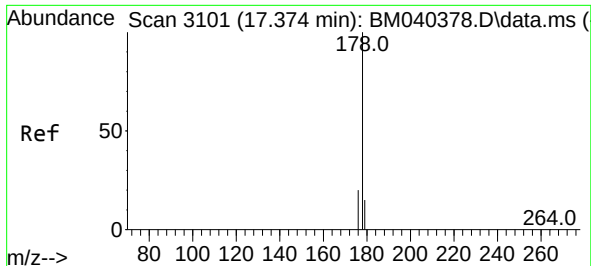
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#14
Pentachlorophenol
Concen: 0.264 ng/ul
RT: 17.003 min Scan# 3013
Delta R.T. -0.009 min
Lab File: BM040388.D
Acq: 23 Jun 2023 22:52

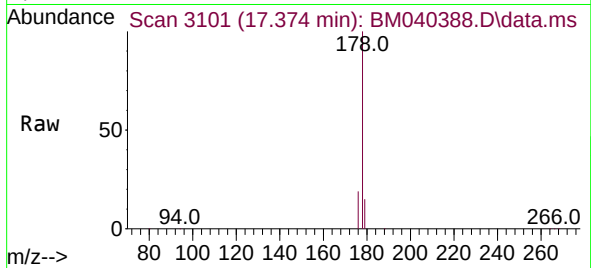
Tgt Ion:266 Resp: 1459
Ion Ratio Lower Upper
266 100
264 61.0 45.4 68.0
268 68.7 47.2 70.8





#15
Phenanthrene
Concen: 4.028 ng/u1
RT: 17.374 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BM040388.D
Acq: 23 Jun 2023 22:52

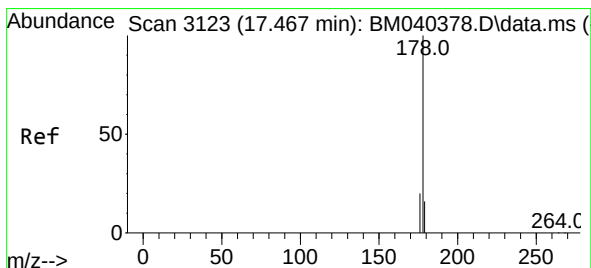
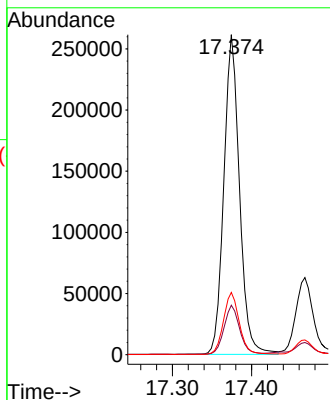
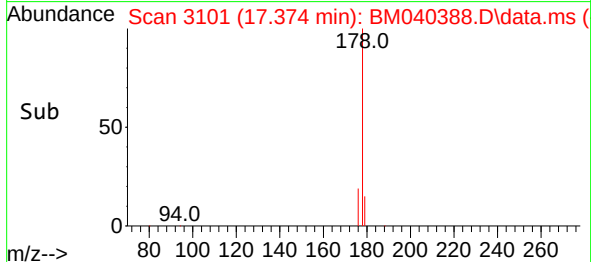
Instrument :
BNA_M
ClientSampleId :
DCFQ7MSD



Tgt Ion:178 Resp: 359620
Ion Ratio Lower Upper
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179 15.5 12.8 19.2
176 19.4 16.4 24.6

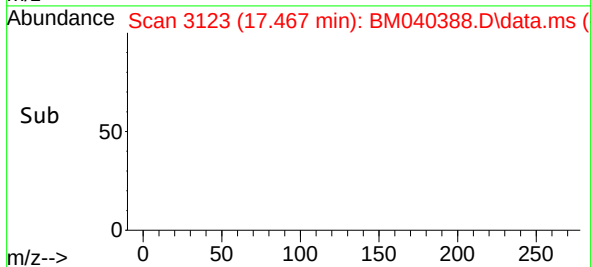
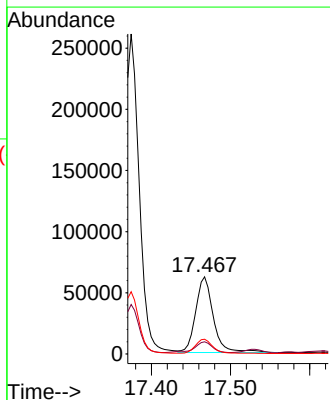
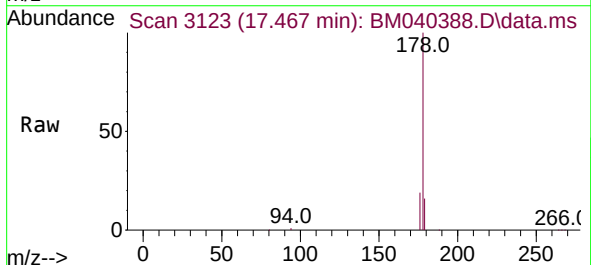
Manual Integrations
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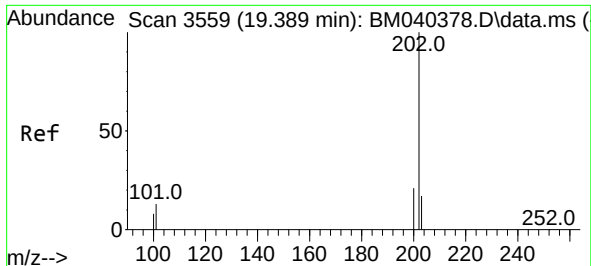
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#16
Anthracene
Concen: 1.280 ng/u1
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040388.D
Acq: 23 Jun 2023 22:52

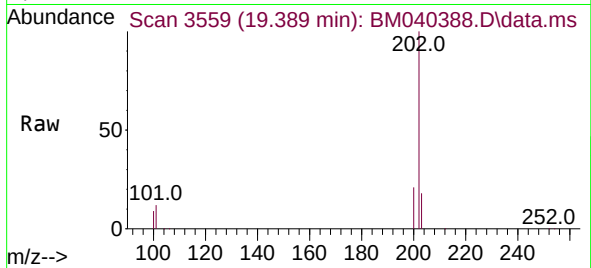
Tgt Ion:178 Resp: 96051
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.2 15.8 23.6





#19
Fluoranthene
Concen: 17.753 ng/u1
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040388.D
Acq: 23 Jun 2023 22:52

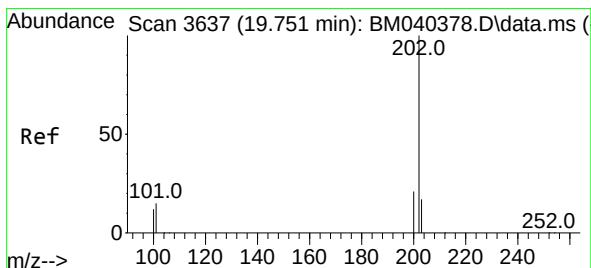
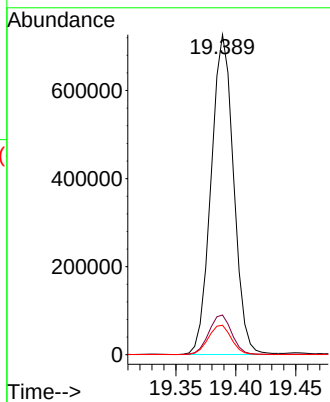
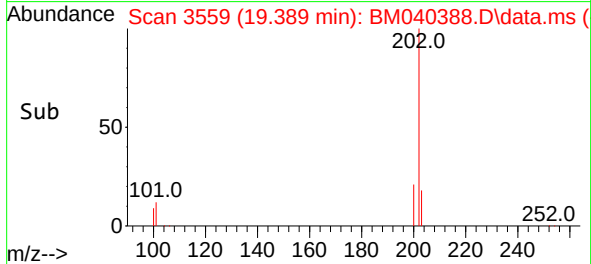
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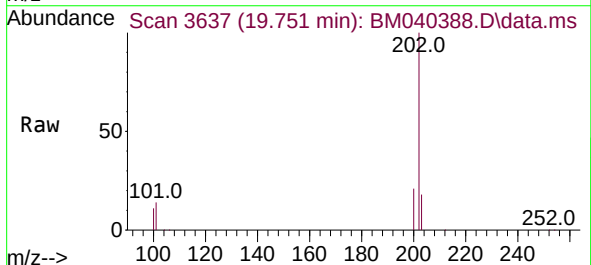
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Ion Ratio Lower Upper
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101 12.4 11.4 17.0
100 9.2 8.7 13.1

Manual Integrations
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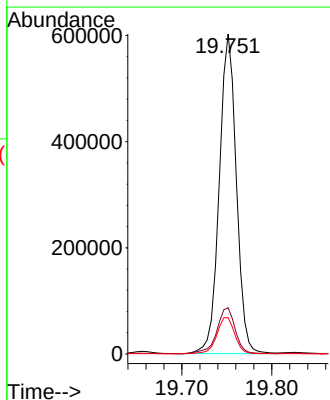
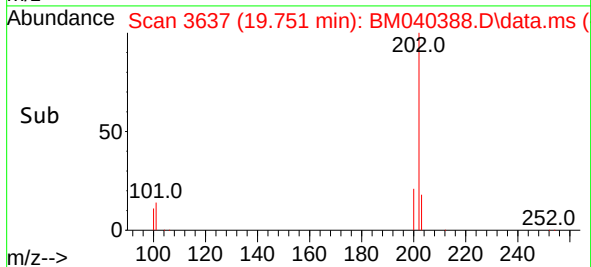
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Supervised By :mohammad ahmed 06/27/2023

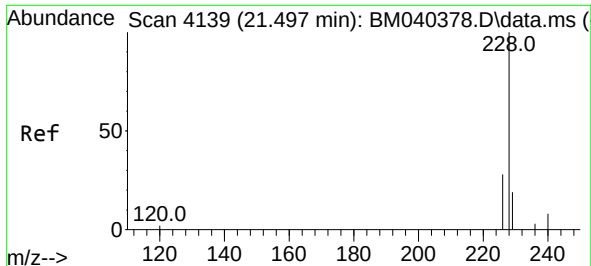


#20
Pyrene
Concen: 13.826 ng/u1
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040388.D
Acq: 23 Jun 2023 22:52



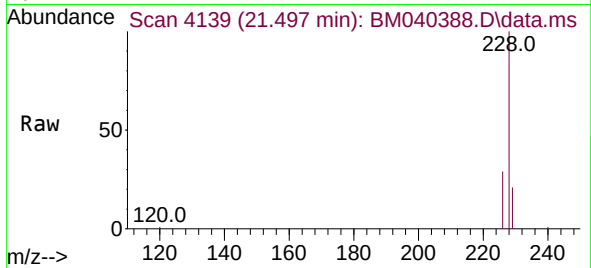
Tgt Ion:202 Resp: 792922
Ion Ratio Lower Upper
202 100
101 14.4 12.6 18.8
100 11.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 8.632 ng/u1
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040388.D
Acq: 23 Jun 2023 22:52

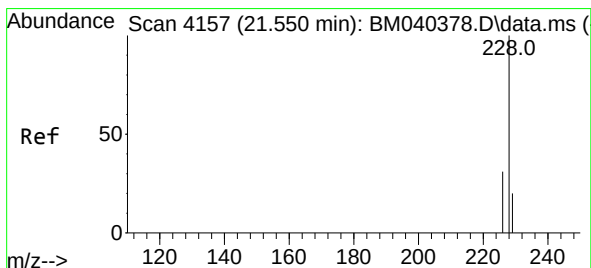
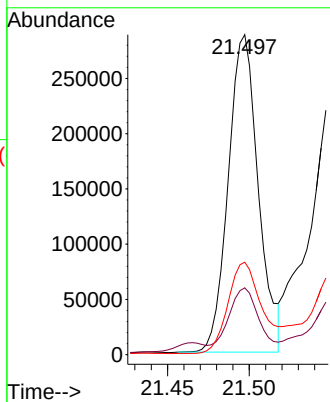
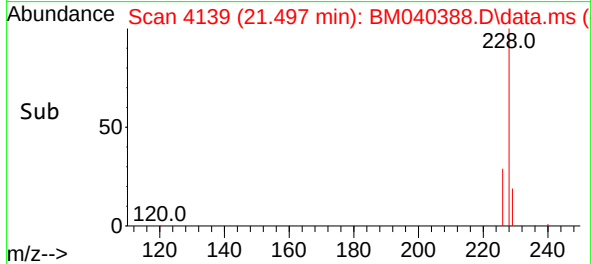
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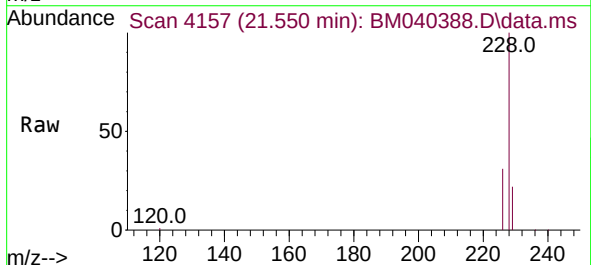
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Ion Ratio Lower Upper
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229 20.9 16.0 24.0
226 28.9 22.3 33.5

Manual Integrations
APPROVED

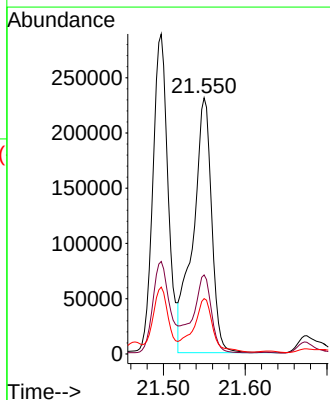
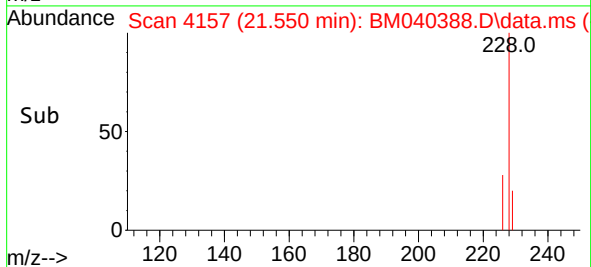
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023

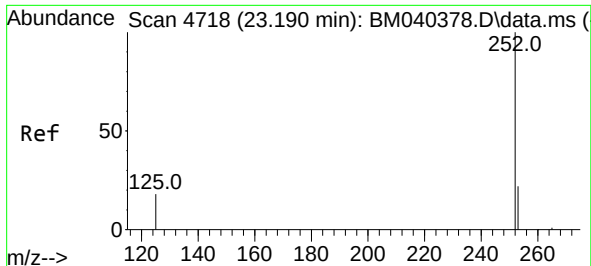


#22
Chrysene
Concen: 7.494 ng/u1
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040388.D
Acq: 23 Jun 2023 22:52



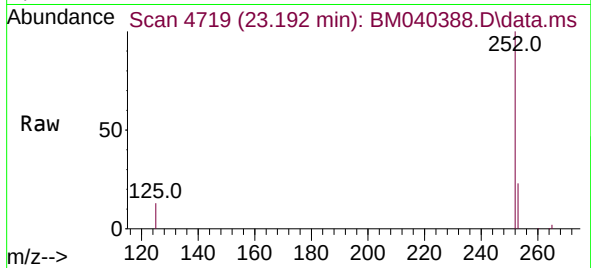
Tgt Ion:228 Resp: 364118
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 9.277 ng/ul
RT: 23.192 min Scan# 4718
Delta R.T. -0.000 min
Lab File: BM040388.D
Acq: 23 Jun 2023 22:52

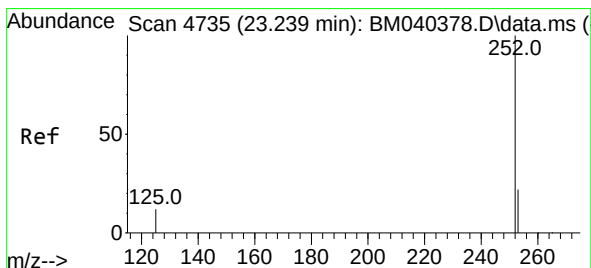
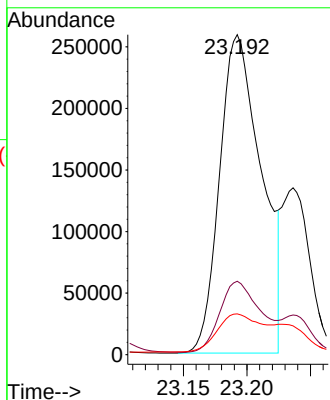
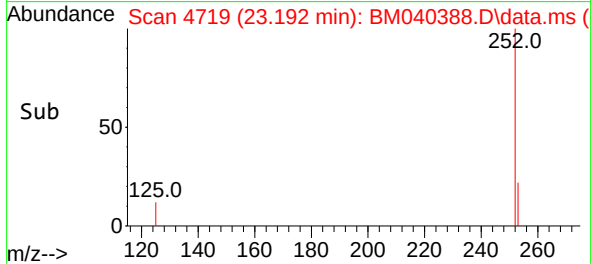
Instrument :
BNA_M
ClientSampleId :
DCFQ7MSD



Tgt Ion:252 Resp: 591280
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.8
125 12.8 0.0 43.0

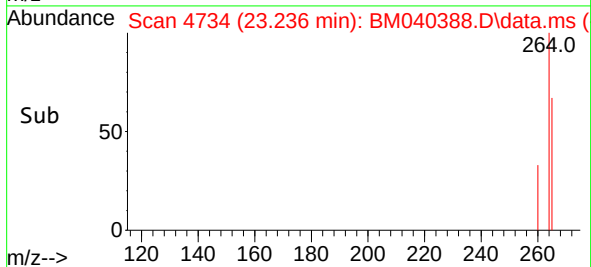
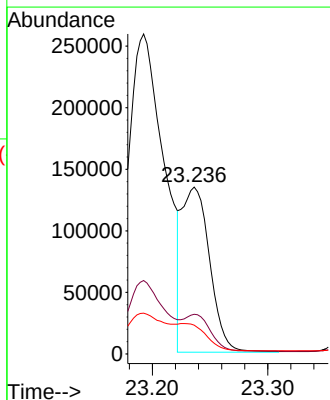
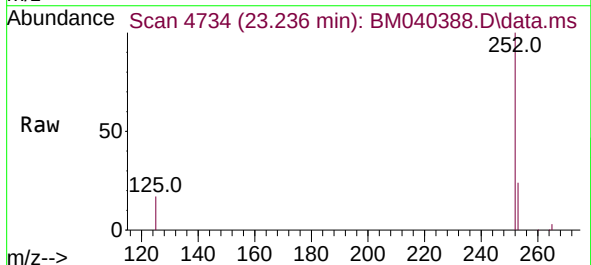
Manual Integrations
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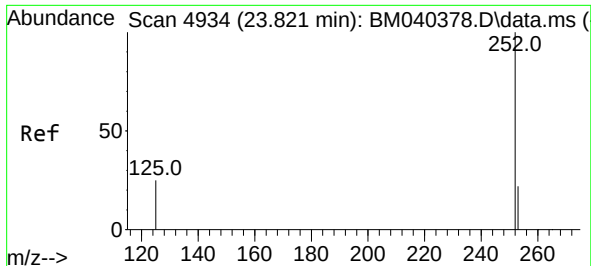
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#25
Benzo(k)fluoranthene
Concen: 3.585 ng/ul m
RT: 23.236 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM040388.D
Acq: 23 Jun 2023 22:52

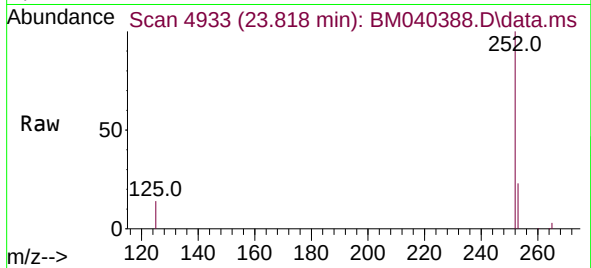
Tgt Ion:252 Resp: 225206
Ion Ratio Lower Upper
252 100
253 23.8 21.2 31.8
125 17.2 16.4 24.6





#26
Benzo(a)pyrene
Concen: 6.554 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040388.D
Acq: 23 Jun 2023 22:52

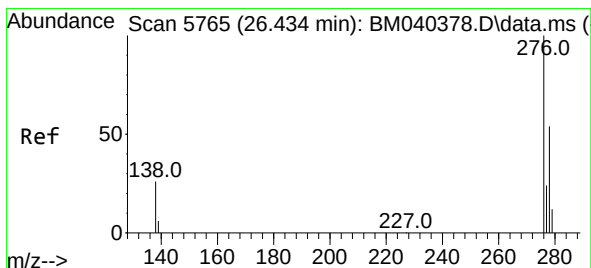
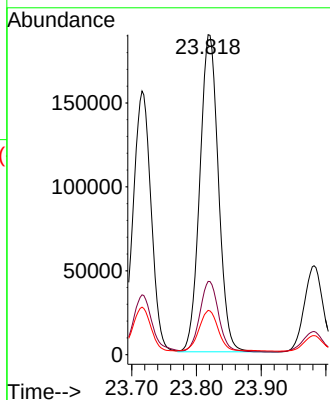
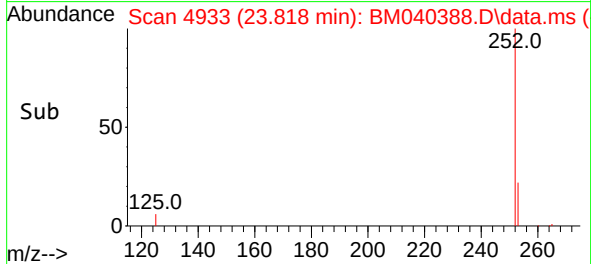
Instrument :
BNA_M
ClientSampleId :
DCFQ7MSD



Tgt Ion:252 Resp: 37628
Ion Ratio Lower Upper
252 100
253 22.9 22.9 34.3
125 13.9 21.0 31.4

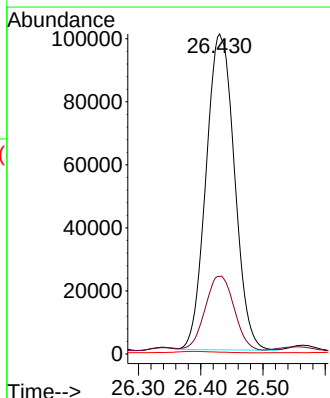
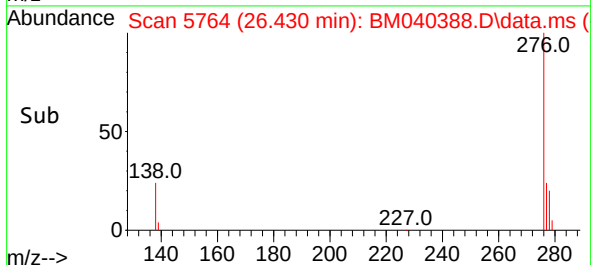
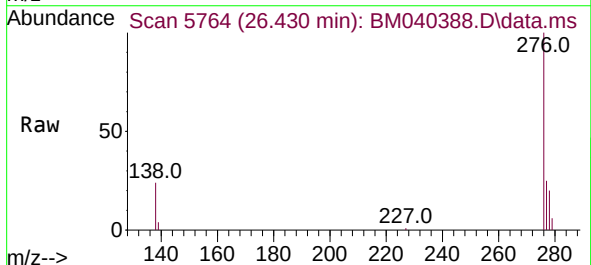
Manual Integrations
APPROVED

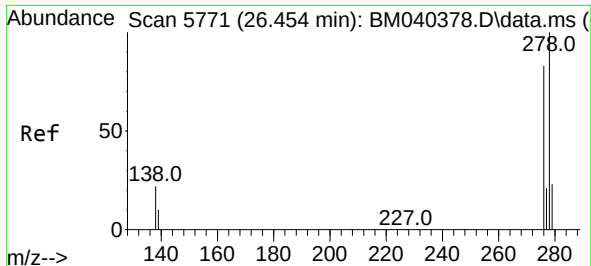
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.971 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM040388.D
Acq: 23 Jun 2023 22:52

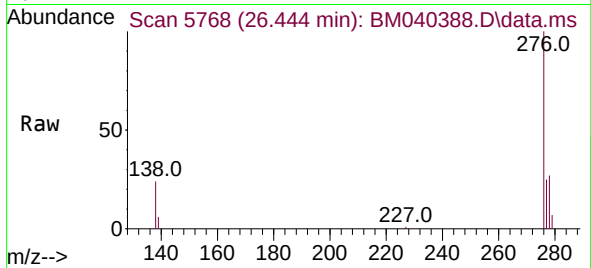
Tgt Ion:276 Resp: 317560
Ion Ratio Lower Upper
276 100
138 24.3 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.337 ng/ul
RT: 26.444 min Scan# 5768
Delta R.T. -0.010 min
Lab File: BM040388.D
Acq: 23 Jun 2023 22:52

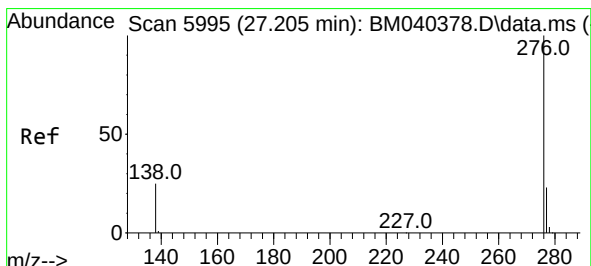
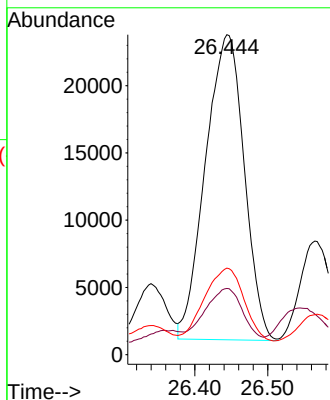
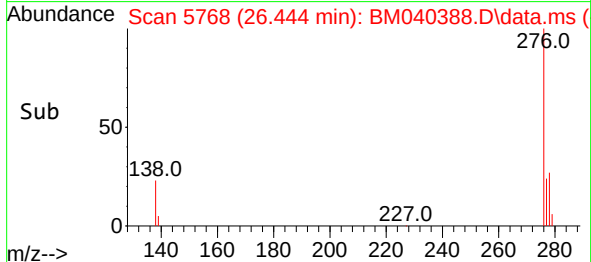
Instrument :
BNA_M
ClientSampleId :
DCFQ7MSD



Tgt Ion:278 Resp: 83684
Ion Ratio Lower Upper
278 100
139 20.7 17.9 26.9
279 27.0 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#29
Benzo(g,h,i)perylene
Concen: 4.182 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. -0.000 min
Lab File: BM040388.D
Acq: 23 Jun 2023 22:52

Tgt Ion:276 Resp: 293126
Ion Ratio Lower Upper
276 100
138 25.1 23.0 34.6
277 24.2 20.3 30.5

