

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040484.D
 Acq On : 30 Jun 2023 22:48
 Operator : MA/JU
 Sample : 03161-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFX5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 04:54:24 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 : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	6796	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	25424	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.582	164	12818	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	25923	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	14551	0.400	ng/ul	0.00
23) Perylene-d12	23.918	264	14798	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	21586	2.022	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	5531	0.155	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	9117	0.195	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.795	128	18095	0.258	ng/ul	96
7) 2-Methylnaphthalene	12.411	142	10255	0.249	ng/ul	98
8) 1-Methylnaphthalene	12.626	142	6797	0.165	ng/ul	100
10) Acenaphthylene	14.300	152	15117	0.264	ng/ul	97
11) Acenaphthene	14.642	153	5218	0.108	ng/ul	98
12) Fluorene	15.627	166	4742	0.092	ng/ul#	92
15) Phenanthrene	17.370	178	126378	1.569	ng/ul	99
16) Anthracene	17.459	178	17461	0.258	ng/ul	96
19) Fluoranthene	19.384	202	307520	4.975	ng/ul	95
20) Pyrene	19.747	202	231778	3.498	ng/ul	97
21) Benzo(a)anthracene	21.489	228	116858	2.374	ng/ul	97
22) Chrysene	21.541	228	141920	2.528	ng/ul	97
24) Benzo(b)fluoranthene	23.184	252	203112	3.547	ng/ul	92
25) Benzo(k)fluoranthene	23.228	252	64563m	1.144	ng/ul	
26) Benzo(a)pyrene	23.812	252	123272	2.390	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.427	276	109603	1.526	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.434	278	26969	0.479	ng/ul#	86
29) Benzo(g,h,i)perylene	27.202	276	101805	1.617	ng/ul	97

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

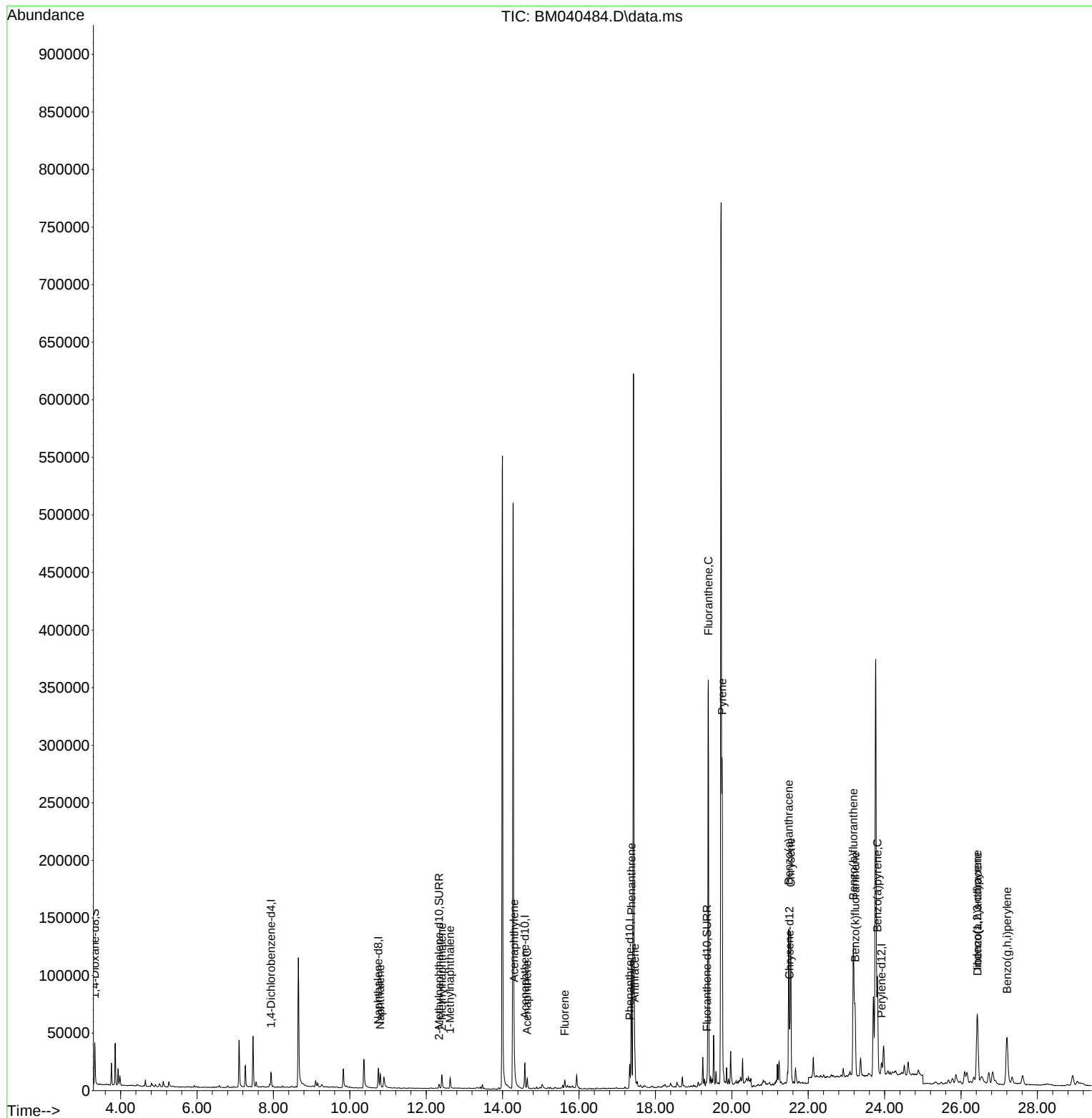
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040484.D
Acq On : 30 Jun 2023 22:48
Operator : MA/JU
Sample : 03161-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

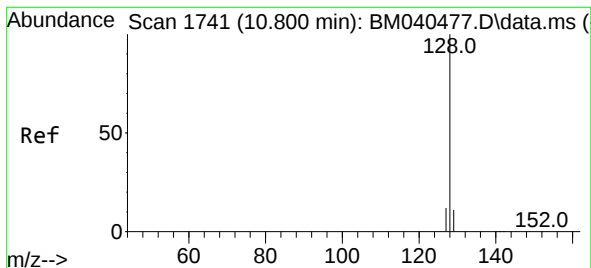
Instrument :
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DCFX5

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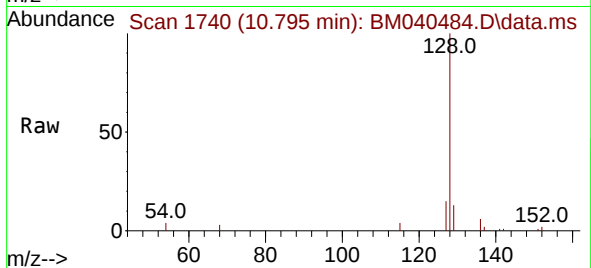
Quant Time: Jul 01 04:54:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.258 ng/ul
RT: 10.795 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48

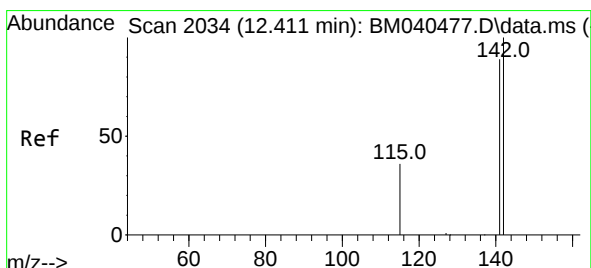
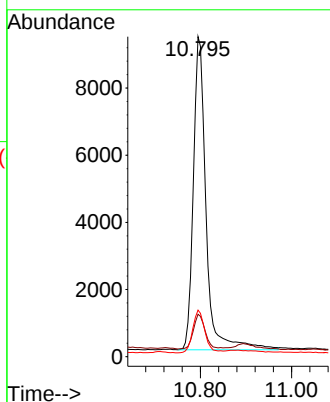
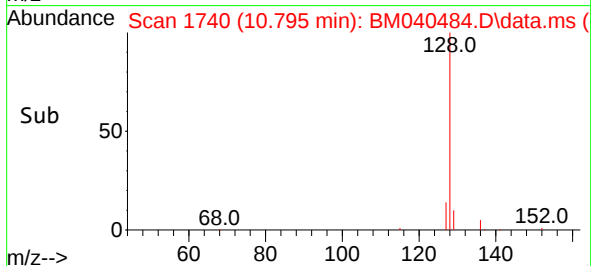
Instrument :
BNA_M
ClientSampleId :
DCFX5



Tgt Ion:128 Resp: 1809
Ion Ratio Lower Upper
128 100
129 13.2 9.2 13.8
127 14.6 10.6 15.8

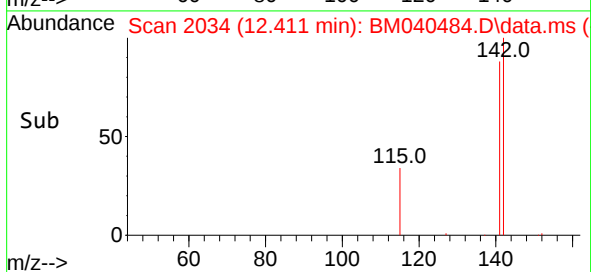
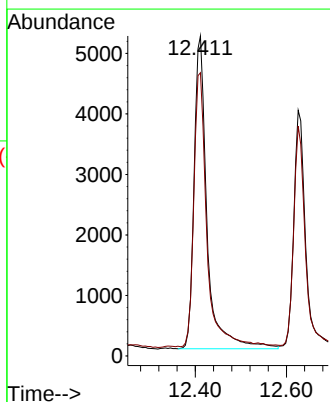
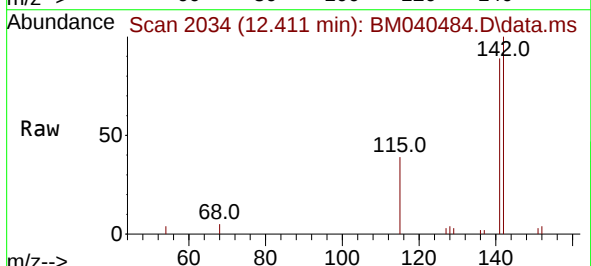
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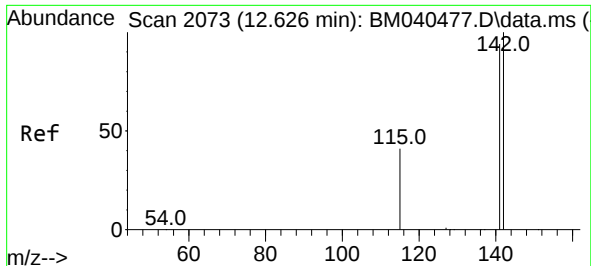
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#7
2-Methylnaphthalene
Concen: 0.249 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48

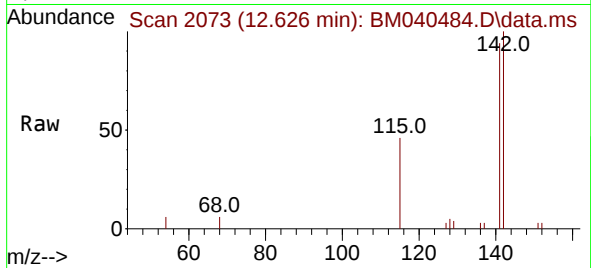
Tgt Ion:142 Resp: 10255
Ion Ratio Lower Upper
142 100
141 88.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.165 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48

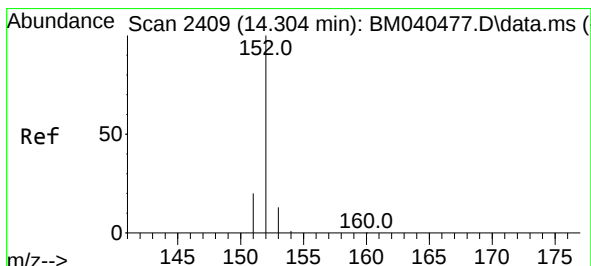
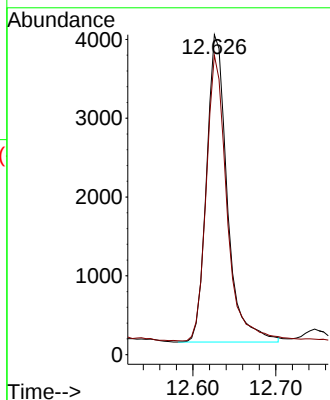
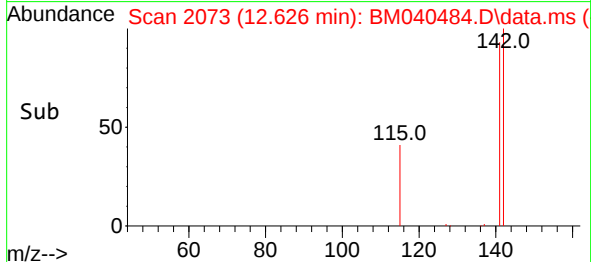
Instrument :
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Tgt Ion:142 Resp: 679
Ion Ratio Lower Upper
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141 92.2 73.7 110.5

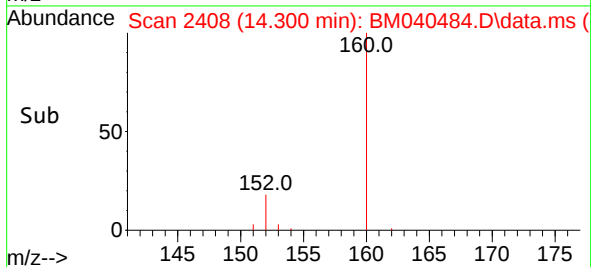
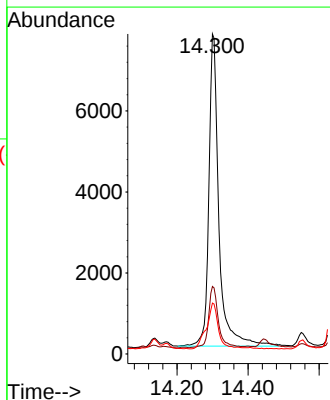
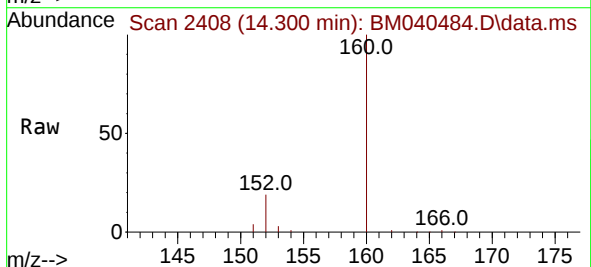
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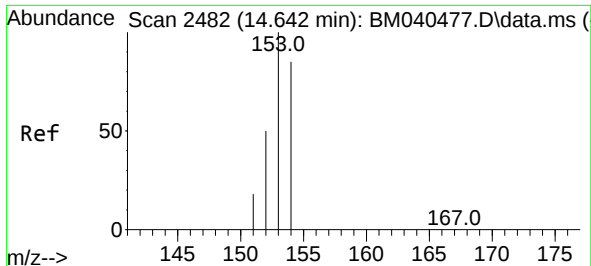
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#10
Acenaphthylene
Concen: 0.264 ng/ul
RT: 14.300 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48

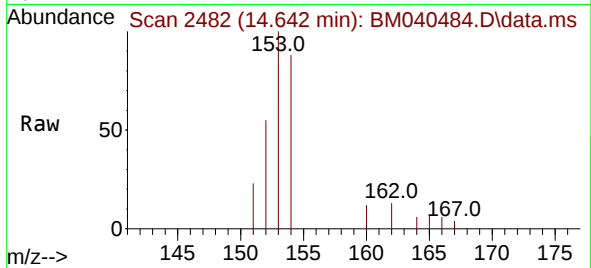
Tgt Ion:152 Resp: 15117
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.2
153 15.9 10.9 16.3





#11
Acenaphthene
Concen: 0.108 ng/u1
RT: 14.642 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48

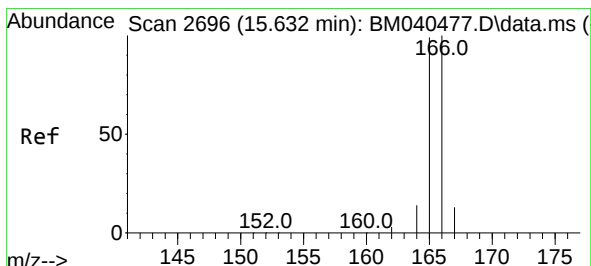
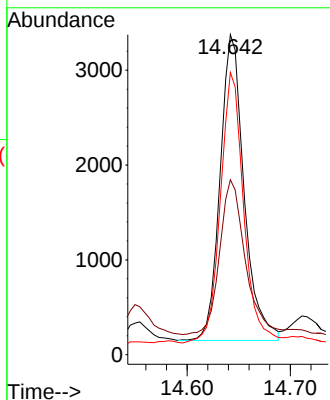
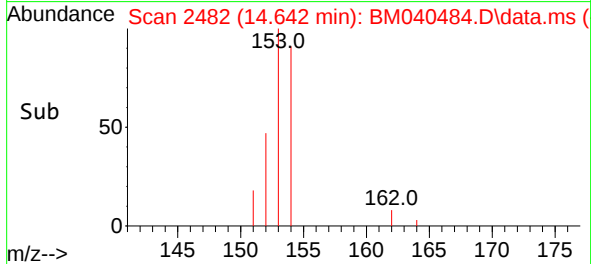
Instrument :
BNA_M
ClientSampleId :
DCFX5



Tgt Ion:153 Resp: 5218
Ion Ratio Lower Upper
153 100
152 54.6 41.0 61.4
154 88.2 70.8 106.2

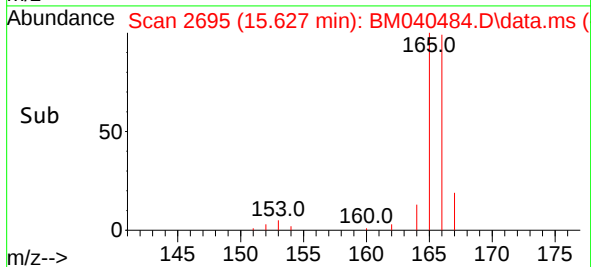
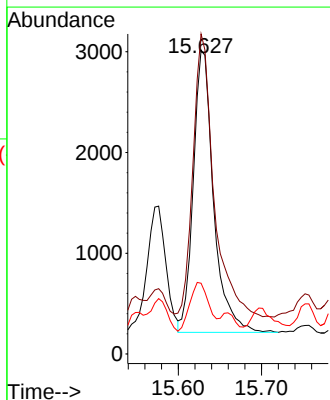
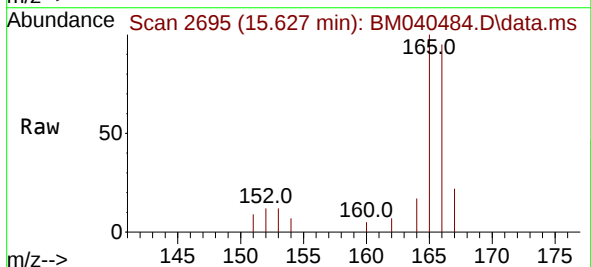
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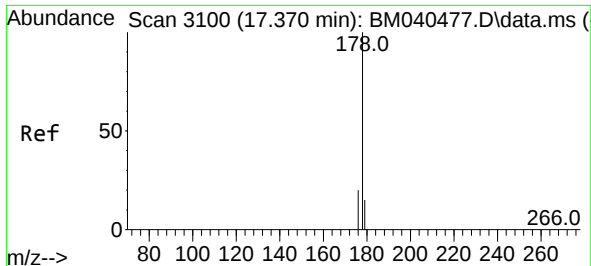
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#12
Fluorene
Concen: 0.092 ng/u1
RT: 15.627 min Scan# 2695
Delta R.T. -0.004 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48

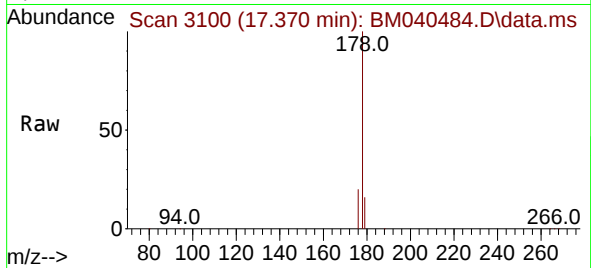
Tgt Ion:166 Resp: 4742
Ion Ratio Lower Upper
166 100
165 105.3 79.6 119.4
167 23.3 11.4 17.0#





#15
Phenanthrene
Concen: 1.569 ng/ul
RT: 17.370 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48

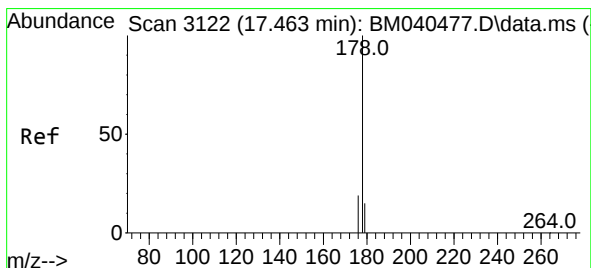
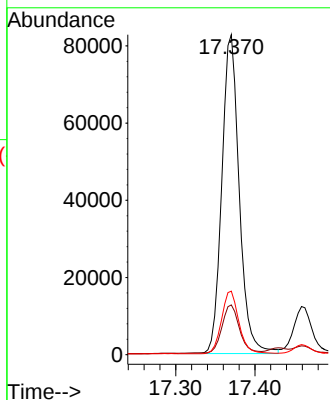
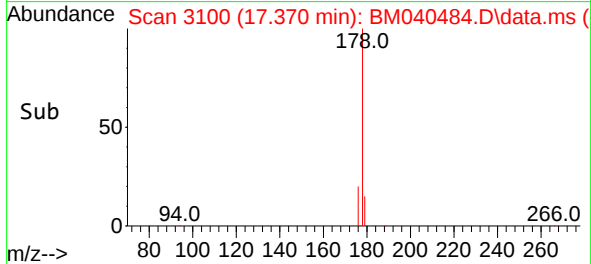
Instrument :
BNA_M
ClientSampleId :
DCFX5



Tgt Ion:178 Resp: 126378
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.9 16.4 24.6

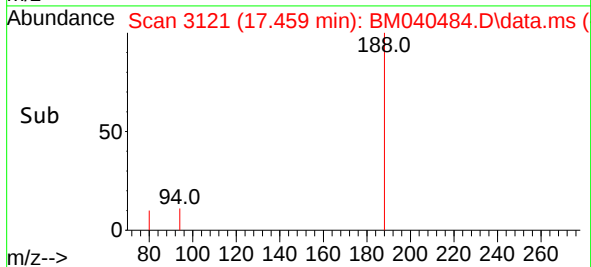
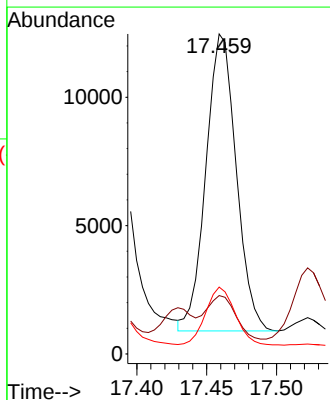
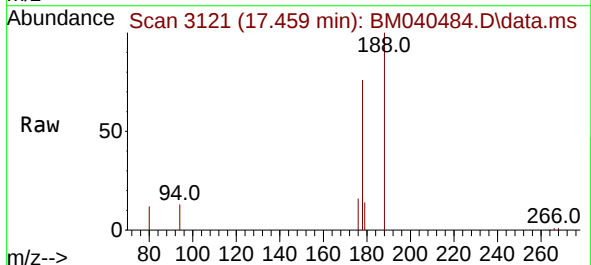
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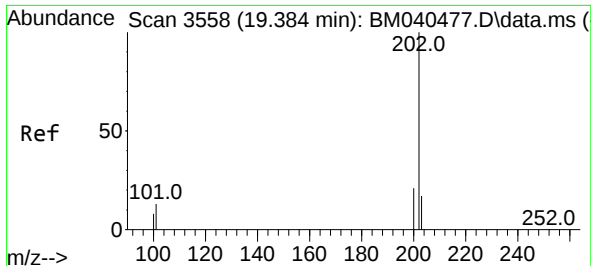
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#16
Anthracene
Concen: 0.258 ng/ul
RT: 17.459 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48

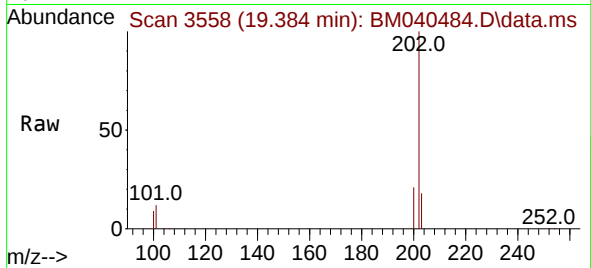
Tgt Ion:178 Resp: 17461
Ion Ratio Lower Upper
178 100
179 18.3 12.9 19.3
176 20.9 15.8 23.6





#19
Fluoranthene
Concen: 4.975 ng/u1
RT: 19.384 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48

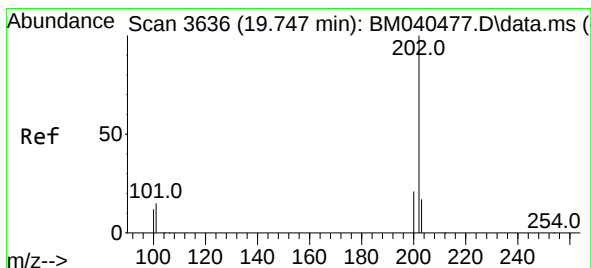
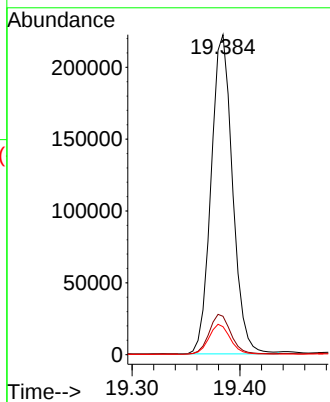
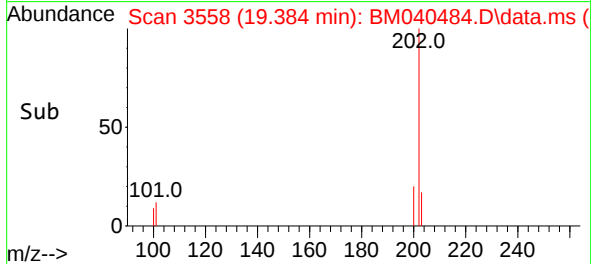
Instrument :
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ClientSampleId :
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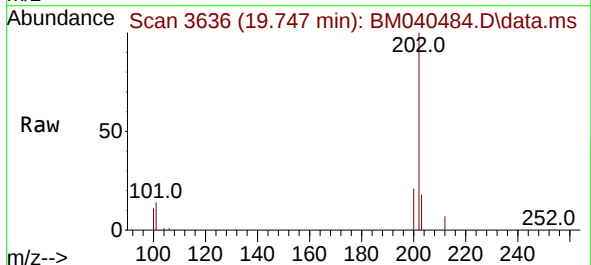
Tgt Ion:202 Resp: 307520
Ion Ratio Lower Upper
202 100
101 12.0 11.4 17.0
100 8.8 8.7 13.1

Manual Integrations
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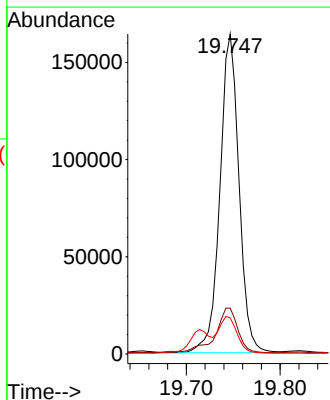
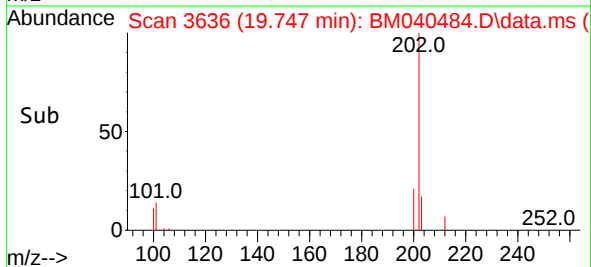
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

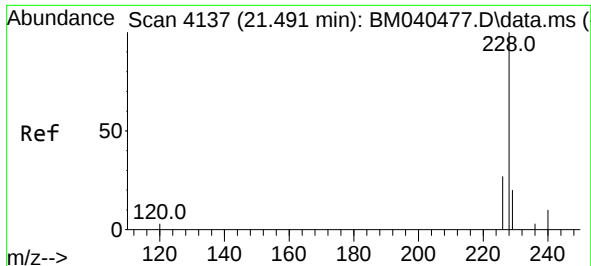


#20
Pyrene
Concen: 3.498 ng/u1
RT: 19.747 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48



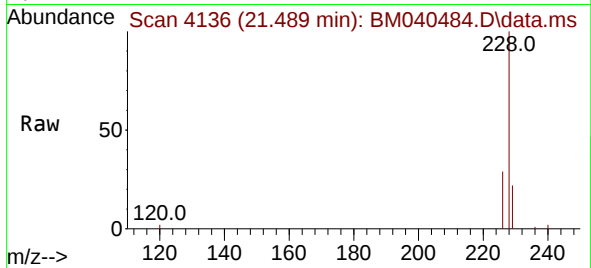
Tgt Ion:202 Resp: 231778
Ion Ratio Lower Upper
202 100
101 14.3 12.6 18.8
100 11.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.374 ng/u1
RT: 21.489 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48

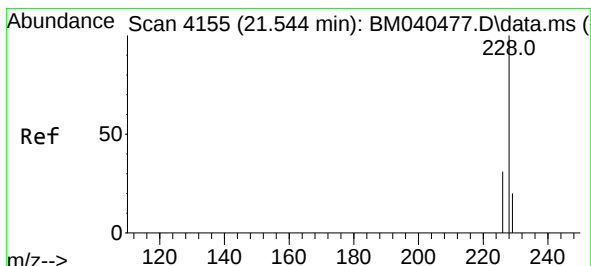
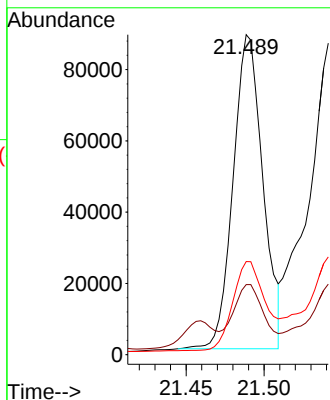
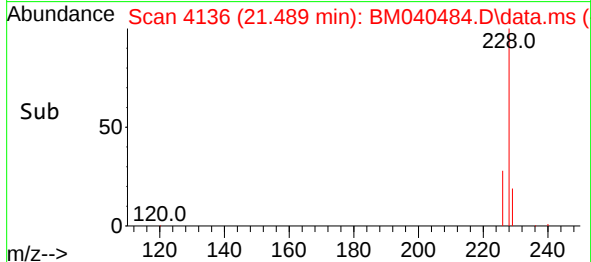
Instrument :
BNA_M
ClientSampleId :
DCFX5



Tgt Ion:228 Resp: 116858
Ion Ratio Lower Upper
228 100
229 21.9 16.0 24.0
226 29.1 22.3 33.5

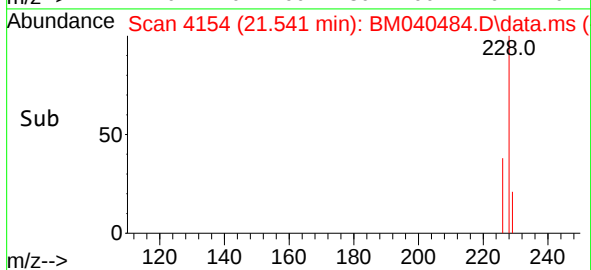
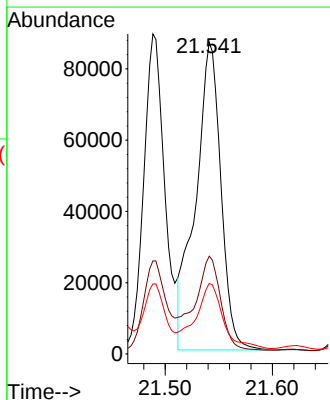
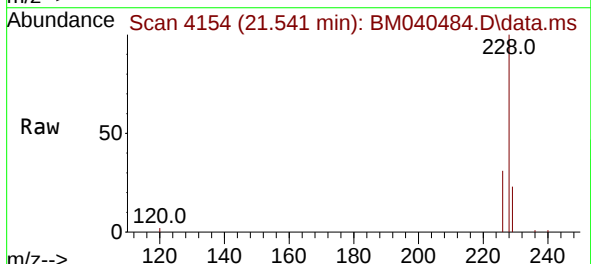
Manual Integrations
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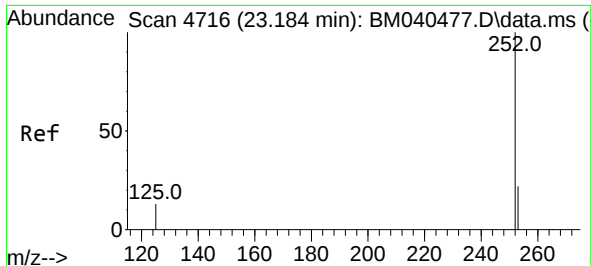
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#22
Chrysene
Concen: 2.528 ng/u1
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48

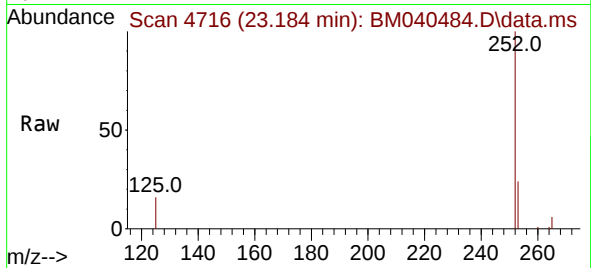
Tgt Ion:228 Resp: 141920
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 22.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.547 ng/ul
RT: 23.184 min Scan# 4716
Delta R.T. 0.003 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48

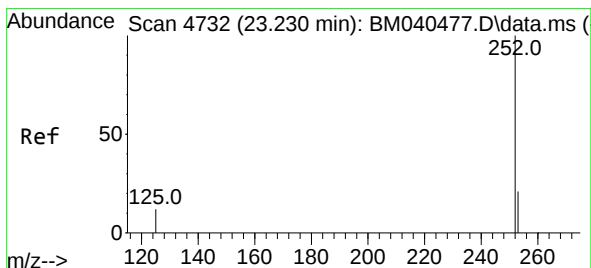
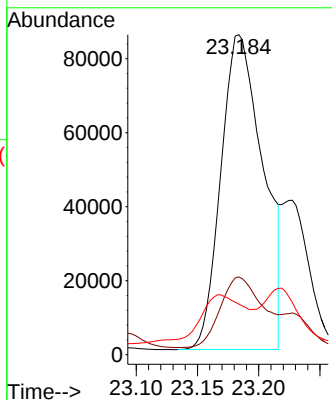
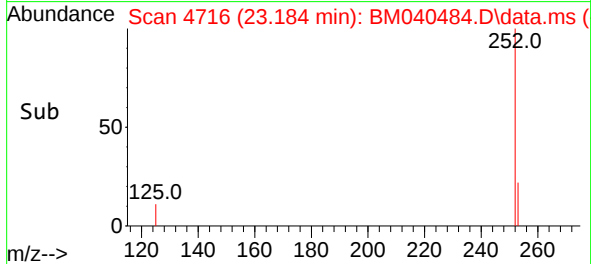
Instrument :
BNA_M
ClientSampleId :
DCFX5



Tgt Ion:252 Resp: 20311
Ion Ratio Lower Upper
252 100
253 24.3 0.0 52.8
125 15.8 0.0 43.0

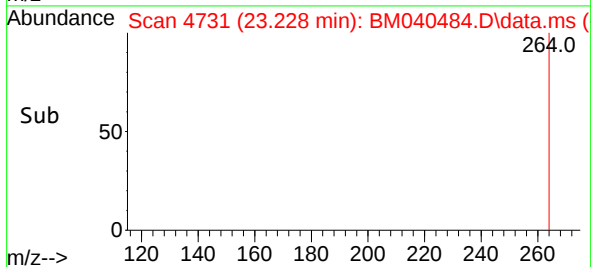
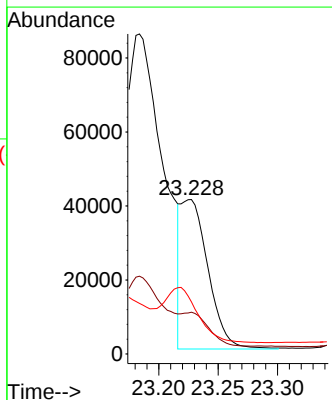
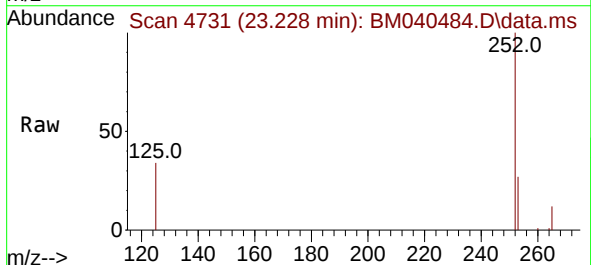
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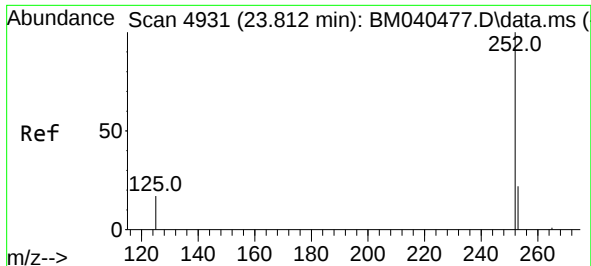
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#25
Benzo(k)fluoranthene
Concen: 1.144 ng/ul m
RT: 23.228 min Scan# 4731
Delta R.T. 0.000 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48

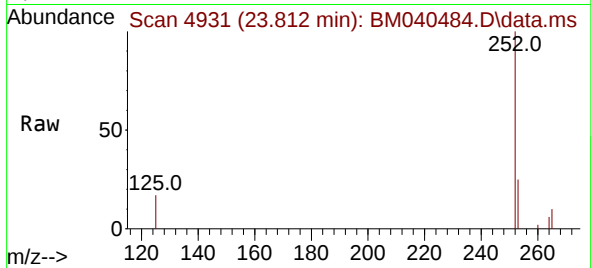
Tgt Ion:252 Resp: 64563
Ion Ratio Lower Upper
252 100
253 27.0 21.2 31.8
125 33.7 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 2.390 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. 0.000 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48

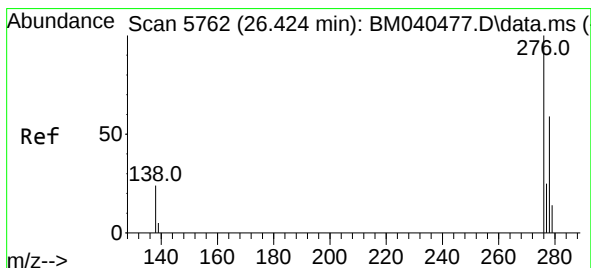
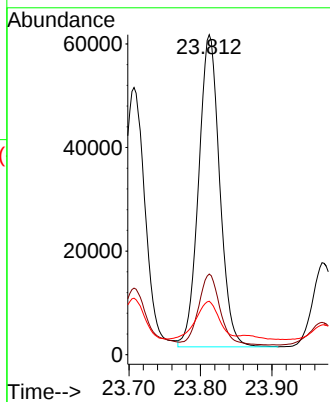
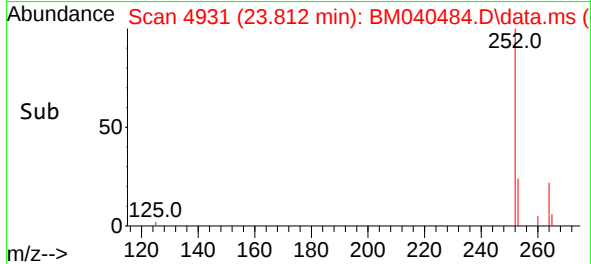
Instrument :
BNA_M
ClientSampleId :
DCFX5



Tgt Ion:252 Resp: 123272
Ion Ratio Lower Upper
252 100
253 25.2 22.9 34.3
125 16.7 21.0 31.4

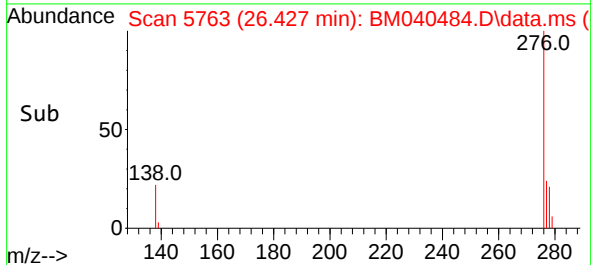
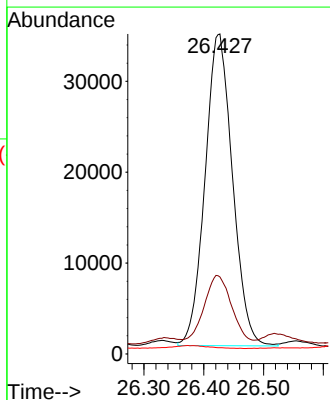
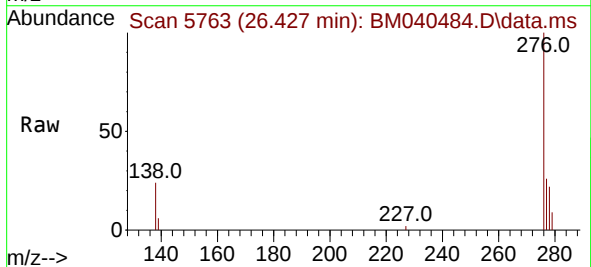
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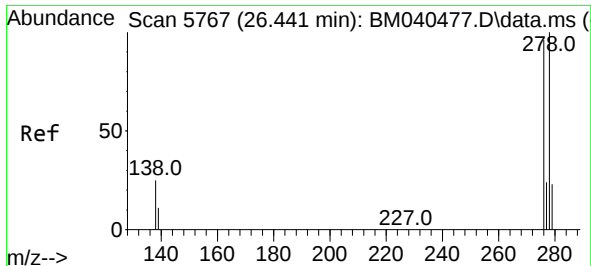
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.526 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. 0.007 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48

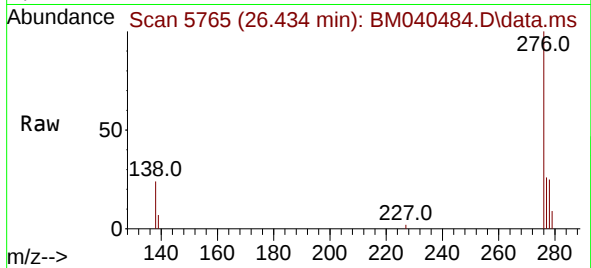
Tgt Ion:276 Resp: 109603
Ion Ratio Lower Upper
276 100
138 22.0 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.479 ng/ul
RT: 26.434 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48

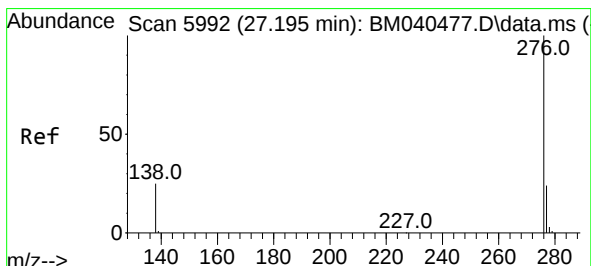
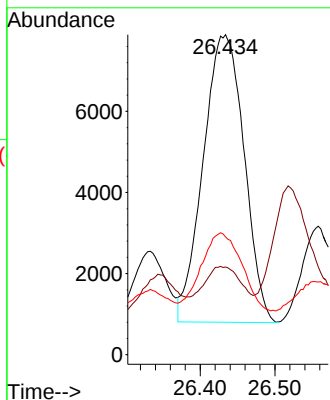
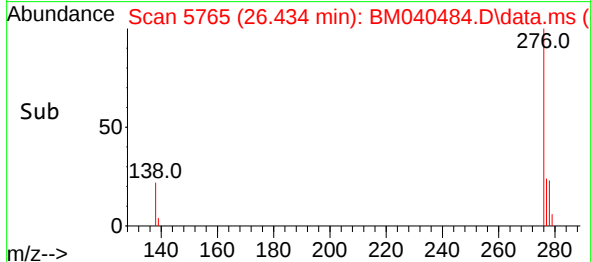
Instrument :
BNA_M
ClientSampleId :
DCFX5



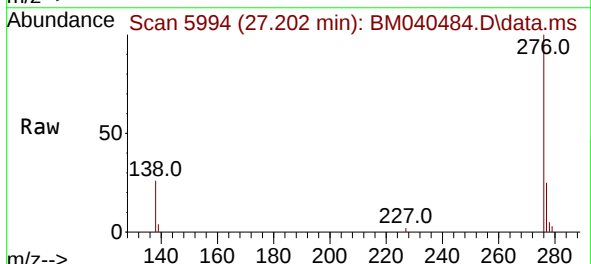
Tgt Ion:278 Resp: 2696
Ion Ratio Lower Upper
278 100
139 27.4 17.9 26.9
279 36.8 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#29
Benzo(g,h,i)perylene
Concen: 1.617 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. 0.017 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48



Tgt Ion:276 Resp: 101805
Ion Ratio Lower Upper
276 100
138 25.5 23.0 34.6
277 25.5 20.3 30.5

