

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
 Data File : BM040391.D
 Acq On : 24 Jun 2023 00:44
 Operator : MA/JU
 Sample : 03084-17DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFN4DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 01:39:48 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	8644	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	32438	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	16219	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	32094	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	19225	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	15284	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	7772	0.572	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	2050	0.045	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	3427	0.056	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.811	128	29415	0.329	ng/ul	99
7) 2-Methylnaphthalene	12.422	142	13081	0.249	ng/ul	98
8) 1-Methylnaphthalene	12.637	142	8201	0.156	ng/ul	100
10) Acenaphthylene	14.309	152	17981	0.248	ng/ul	97
11) Acenaphthene	14.651	153	1786	0.029	ng/ul	92
12) Fluorene	15.637	166	2331	0.036	ng/ul#	85
15) Phenanthrene	17.374	178	76099	0.763	ng/ul	99
16) Anthracene	17.467	178	12800	0.153	ng/ul	97
19) Fluoranthene	19.389	202	214743	2.630	ng/ul	96
20) Pyrene	19.751	202	164866	1.883	ng/ul	99
21) Benzo(a)anthracene	21.494	228	90498	1.392	ng/ul	97
22) Chrysene	21.550	228	102527m	1.382	ng/ul	
24) Benzo(b)fluoranthene	23.189	252	129316	2.186	ng/ul	94
25) Benzo(k)fluoranthene	23.233	252	39643m	0.680	ng/ul	
26) Benzo(a)pyrene	23.818	252	70624	1.326	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.430	276	57325	0.773	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.444	278	14337	0.247	ng/ul#	85
29) Benzo(g,h,i)perylene	27.205	276	57141	0.879	ng/ul	98

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

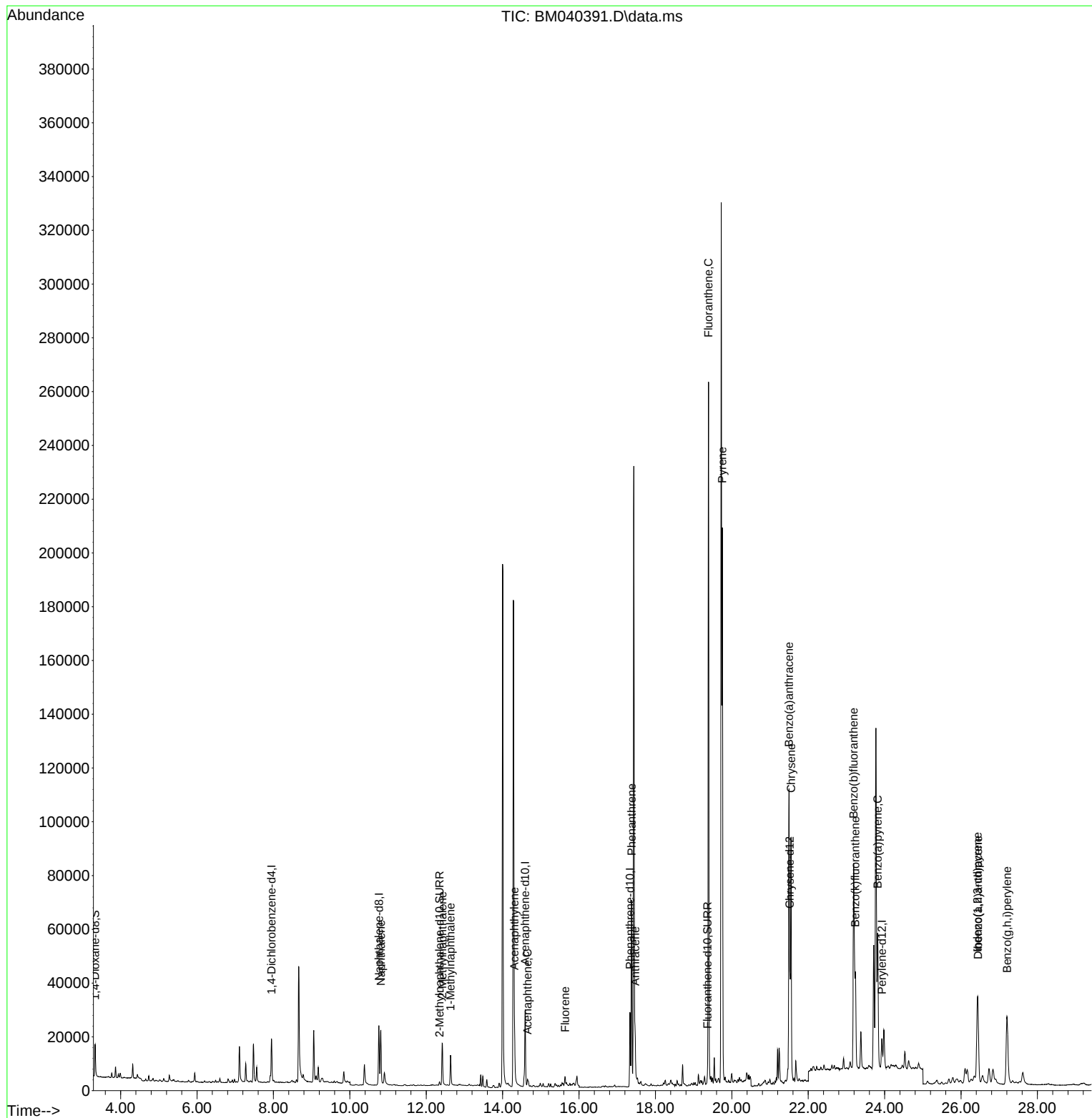
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040391.D
Acq On : 24 Jun 2023 00:44
Operator : MA/JU
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ALS Vial : 19 Sample Multiplier: 1

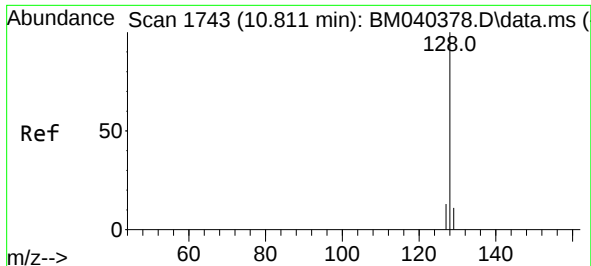
Instrument :
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ClientSampleId :
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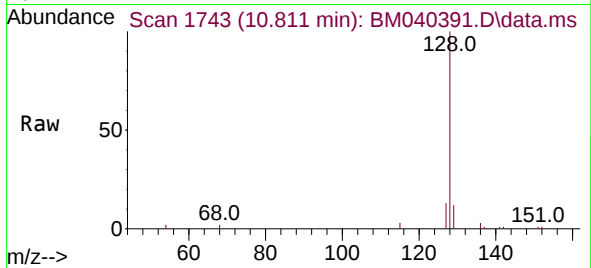
Quant Time: Jun 24 01:39:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.329 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BM040391.D
Acq: 24 Jun 2023 00:44

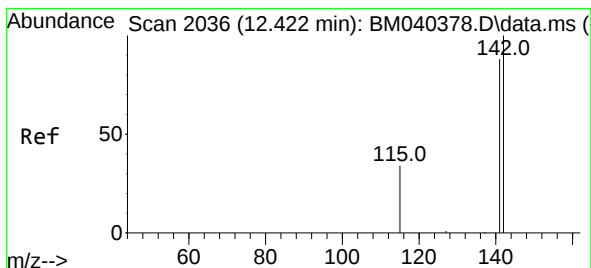
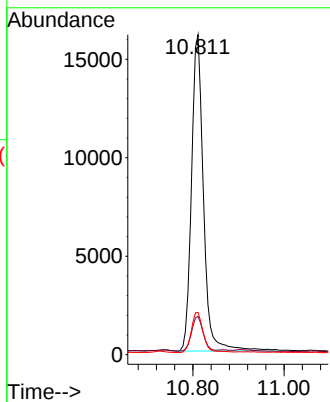
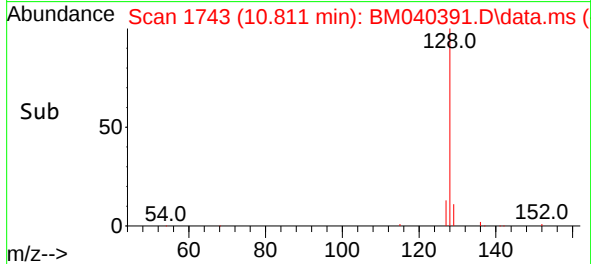
Instrument :
BNA_M
ClientSampleId :
DCFN4DL



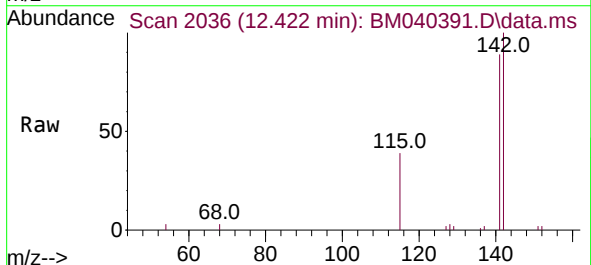
Tgt Ion:128 Resp: 2941
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.2 10.6 15.8

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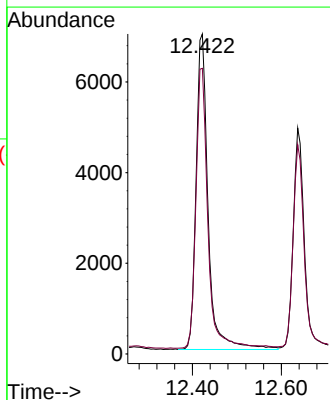
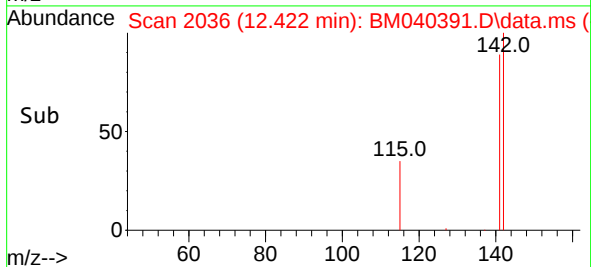
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023

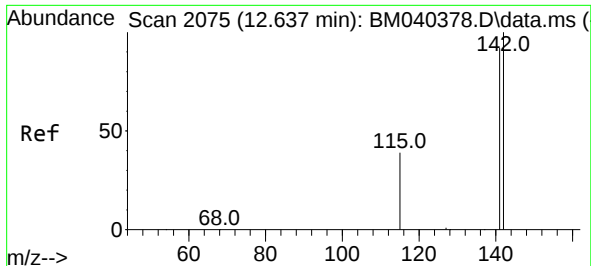


#7
2-Methylnaphthalene
Concen: 0.249 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040391.D
Acq: 24 Jun 2023 00:44



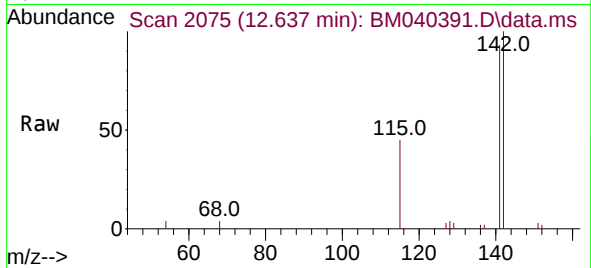
Tgt Ion:142 Resp: 13081
Ion Ratio Lower Upper
142 100
141 88.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.156 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM040391.D
Acq: 24 Jun 2023 00:44

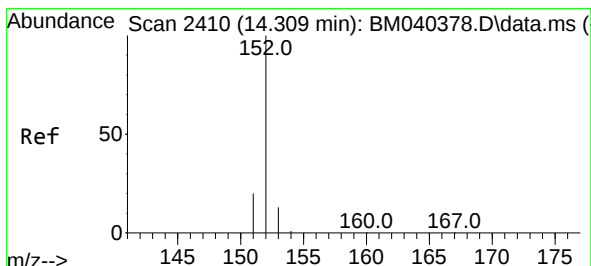
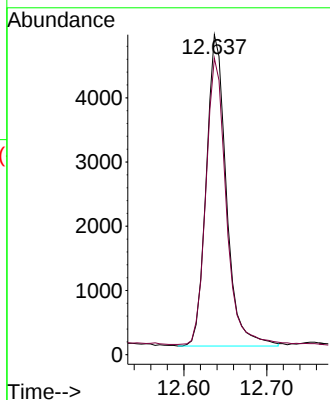
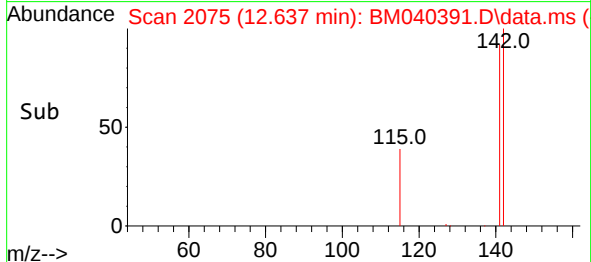
Instrument :
BNA_M
ClientSampleId :
DCFN4DL



Tgt Ion:142 Resp: 820
Ion Ratio Lower Upper
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141 92.2 73.7 110.5

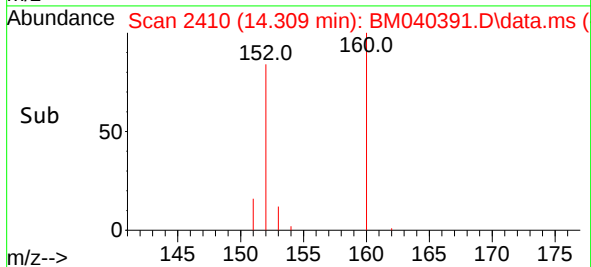
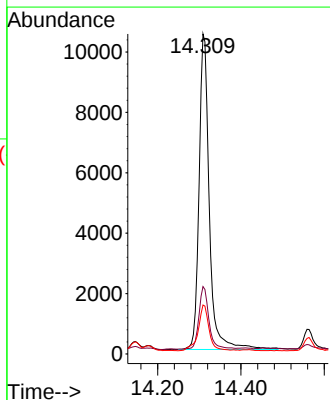
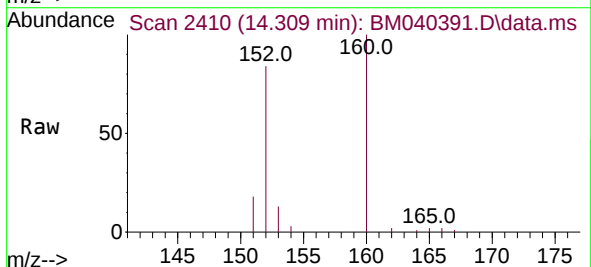
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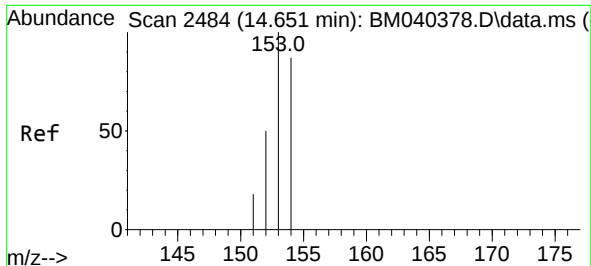
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Acenaphthylene
Concen: 0.248 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040391.D
Acq: 24 Jun 2023 00:44

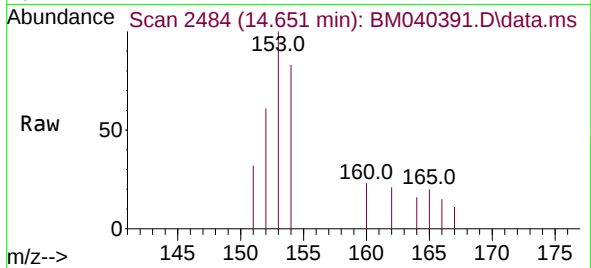
Tgt Ion:152 Resp: 17981
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.2
153 15.3 10.9 16.3





#11
Acenaphthene
Concen: 0.029 ng/u1
RT: 14.651 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BM040391.D
Acq: 24 Jun 2023 00:44

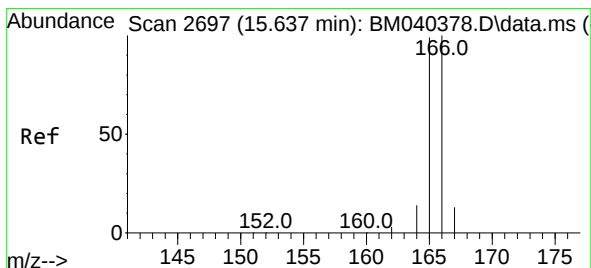
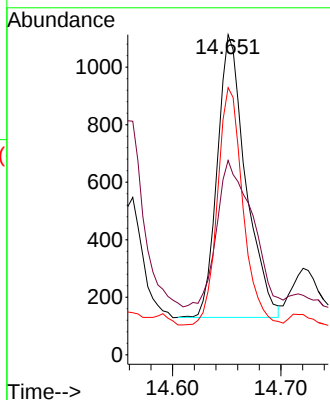
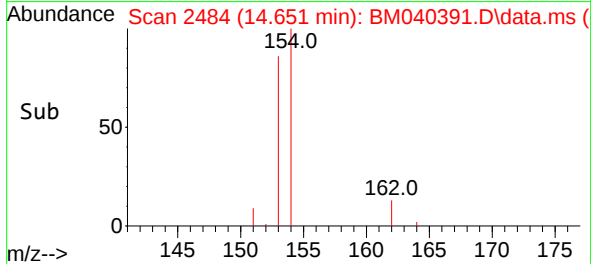
Instrument :
BNA_M
ClientSampleId :
DCFN4DL



Tgt Ion:153 Resp: 1780
Ion Ratio Lower Upper
153 100
152 60.7 41.0 61.4
154 83.5 70.8 106.2

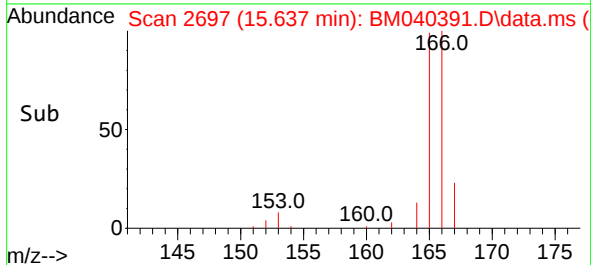
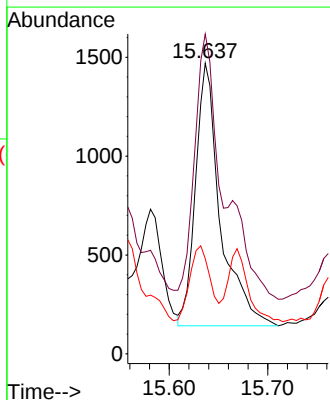
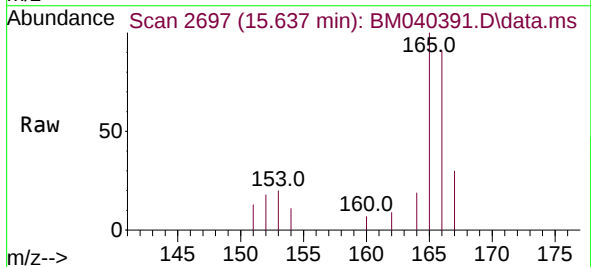
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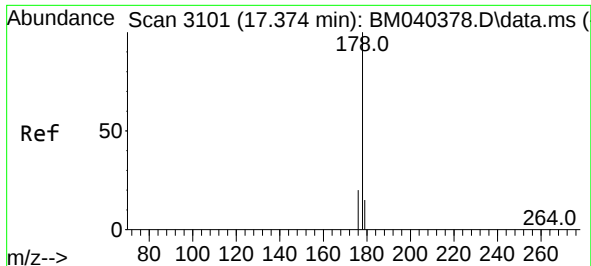
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#12
Fluorene
Concen: 0.036 ng/u1
RT: 15.637 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040391.D
Acq: 24 Jun 2023 00:44

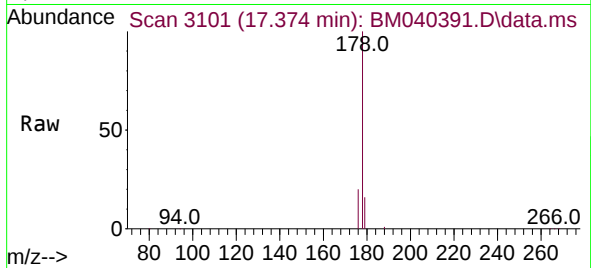
Tgt Ion:166 Resp: 2331
Ion Ratio Lower Upper
166 100
165 110.1 79.6 119.4
167 32.8 11.4 17.0#





#15
Phenanthrene
Concen: 0.763 ng/u1
RT: 17.374 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BM040391.D
Acq: 24 Jun 2023 00:44

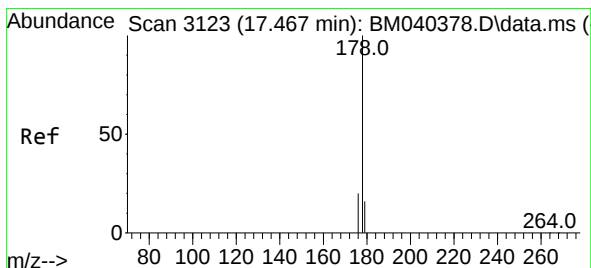
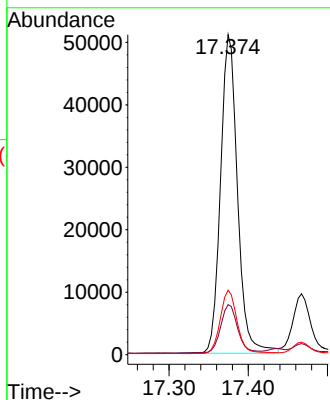
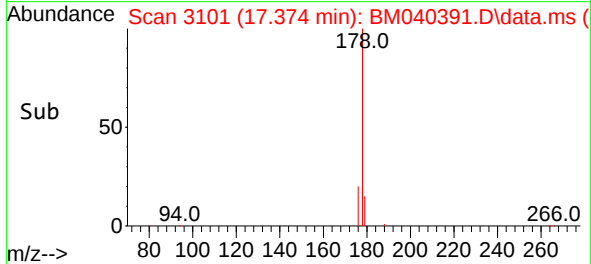
Instrument :
BNA_M
ClientSampleId :
DCFN4DL



Tgt Ion:178 Resp: 76095
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 20.2 16.4 24.6

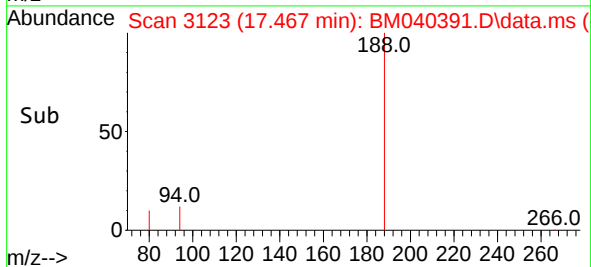
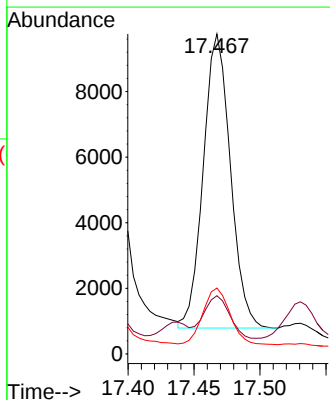
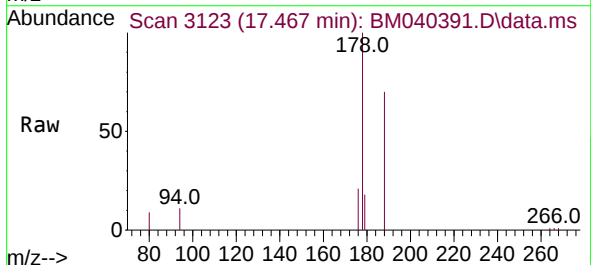
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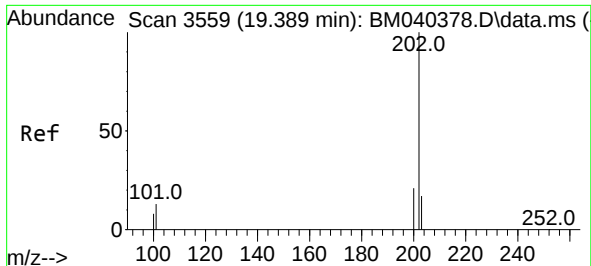
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#16
Anthracene
Concen: 0.153 ng/u1
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040391.D
Acq: 24 Jun 2023 00:44

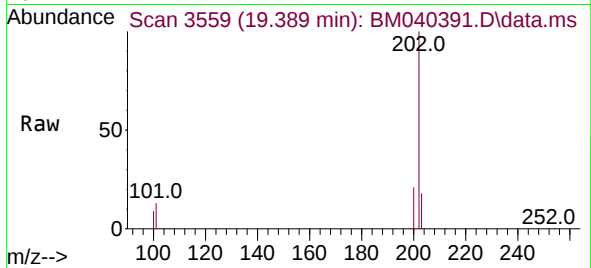
Tgt Ion:178 Resp: 12800
Ion Ratio Lower Upper
178 100
179 18.2 12.9 19.3
176 20.6 15.8 23.6





#19
Fluoranthene
Concen: 2.630 ng/u1
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040391.D
Acq: 24 Jun 2023 00:44

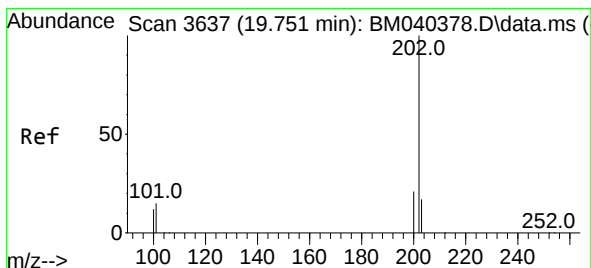
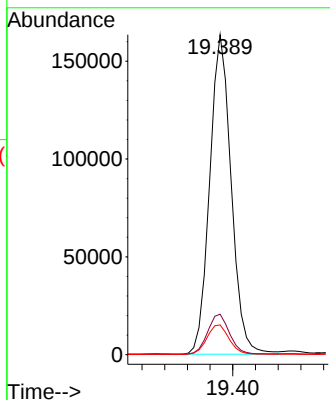
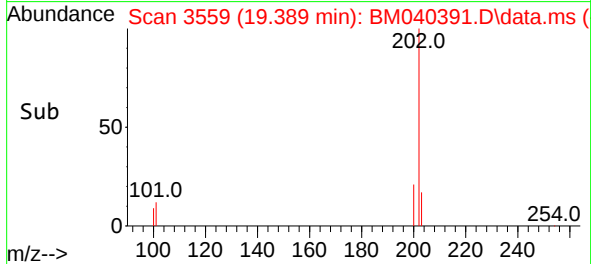
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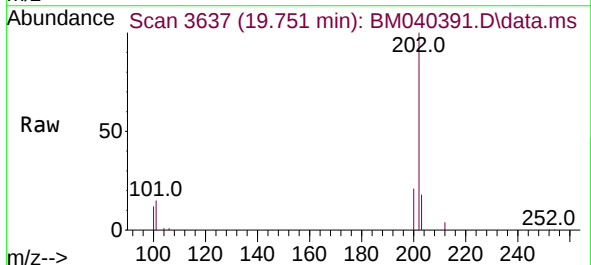
Tgt Ion:202 Resp: 21474
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 9.3 8.7 13.1

Manual Integrations
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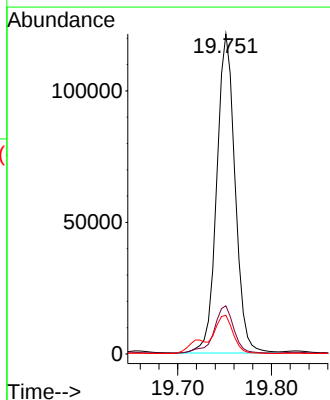
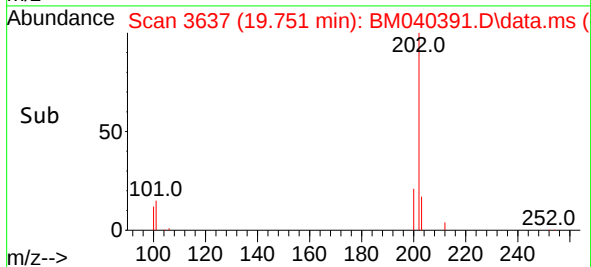
Reviewed By :Yogesh Patel 06/24/2023
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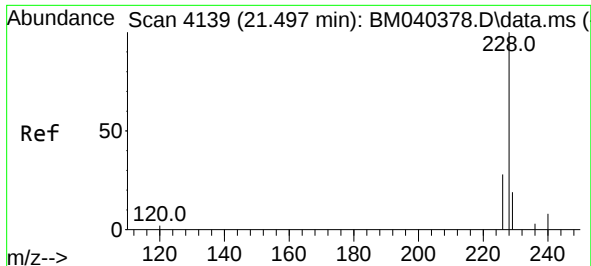


#20
Pyrene
Concen: 1.883 ng/u1
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040391.D
Acq: 24 Jun 2023 00:44



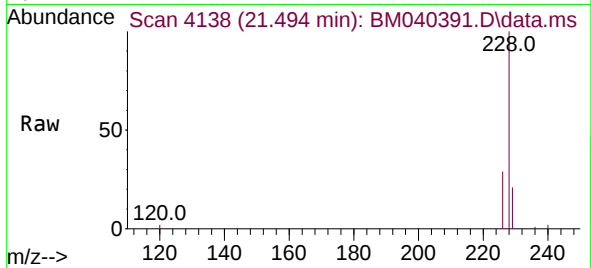
Tgt Ion:202 Resp: 164866
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.392 ng/ul
RT: 21.494 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BM040391.D
Acq: 24 Jun 2023 00:44

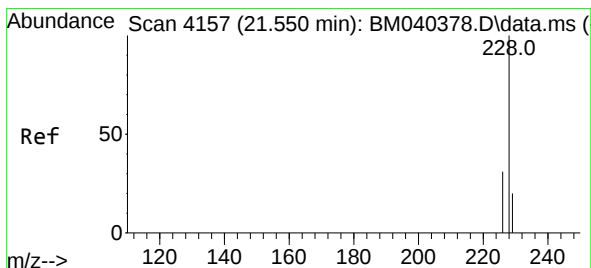
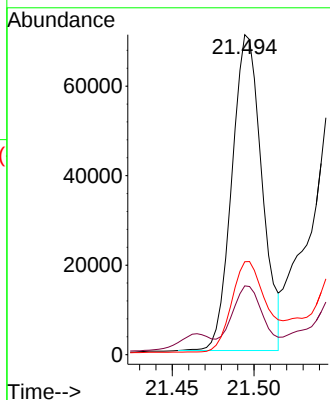
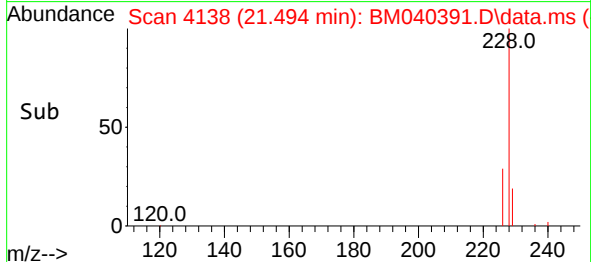
Instrument :
BNA_M
ClientSampleId :
DCFN4DL



Tgt Ion:228 Resp: 90498
Ion Ratio Lower Upper
228 100
229 21.5 16.0 24.0
226 29.1 22.3 33.5

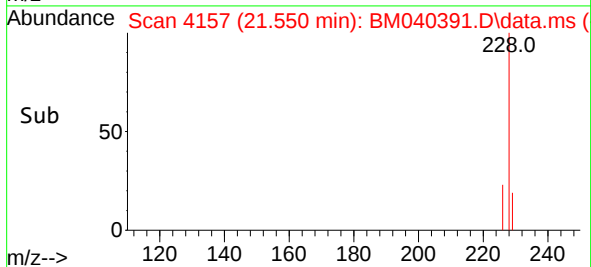
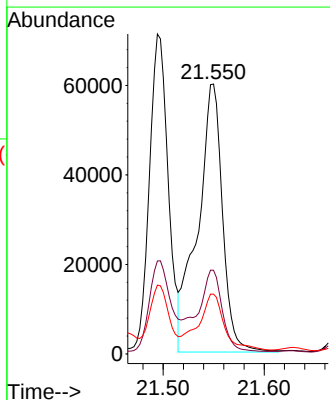
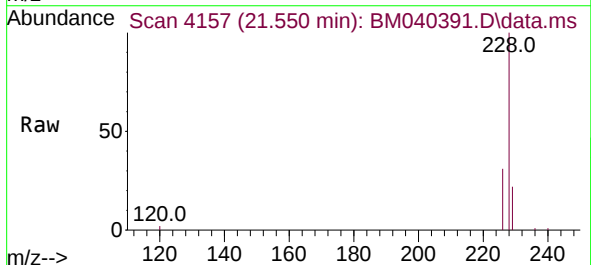
Manual Integrations
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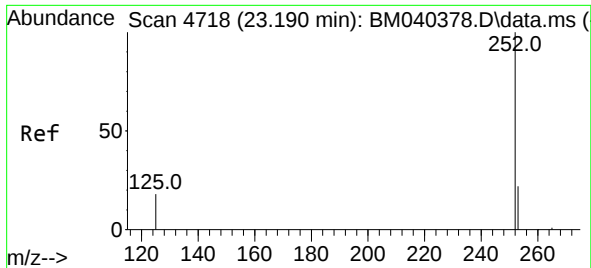
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#22
Chrysene
Concen: 1.382 ng/ul m
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040391.D
Acq: 24 Jun 2023 00:44

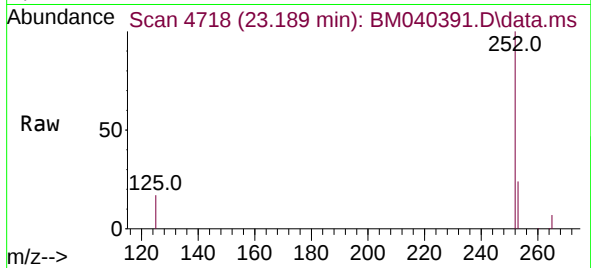
Tgt Ion:228 Resp: 102527
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.186 ng/ul
RT: 23.189 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM040391.D
Acq: 24 Jun 2023 00:44

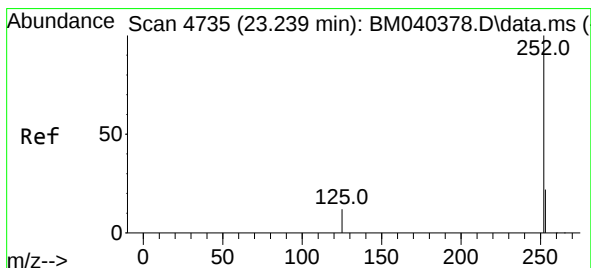
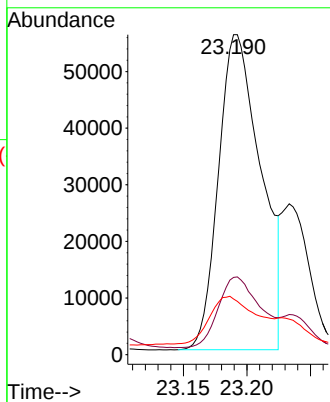
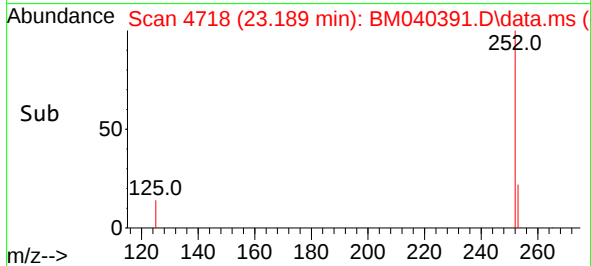
Instrument :
BNA_M
ClientSampleId :
DCFN4DL



Tgt Ion:252 Resp: 129310
Ion Ratio Lower Upper
252 100
253 24.2 0.0 52.8
125 17.4 0.0 43.0

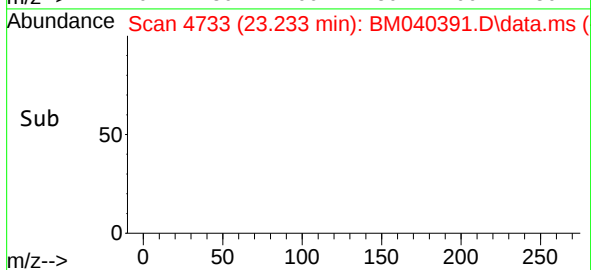
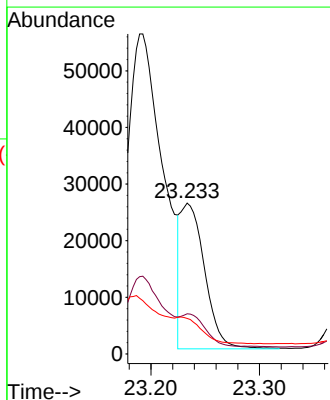
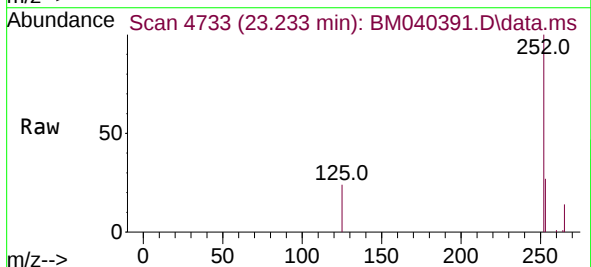
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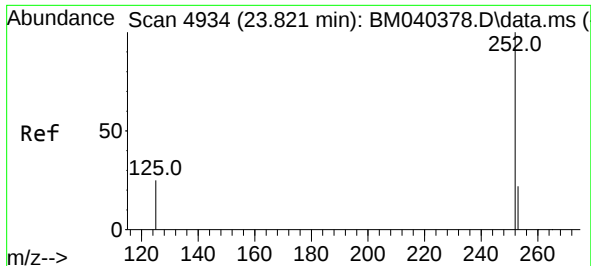
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#25
Benzo(k)fluoranthene
Concen: 0.680 ng/ul m
RT: 23.233 min Scan# 4733
Delta R.T. -0.009 min
Lab File: BM040391.D
Acq: 24 Jun 2023 00:44

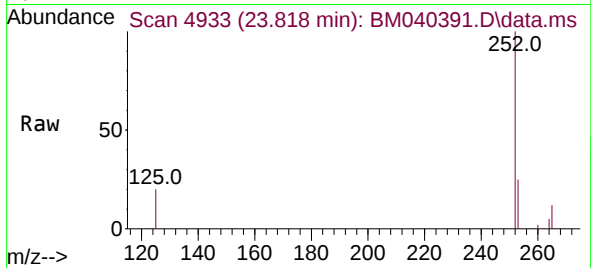
Tgt Ion:252 Resp: 39643
Ion Ratio Lower Upper
252 100
253 26.6 21.2 31.8
125 23.5 16.4 24.6





#26
Benzo(a)pyrene
Concen: 1.326 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040391.D
Acq: 24 Jun 2023 00:44

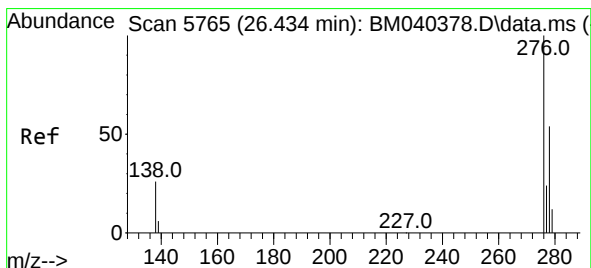
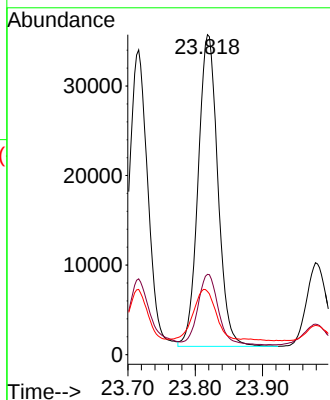
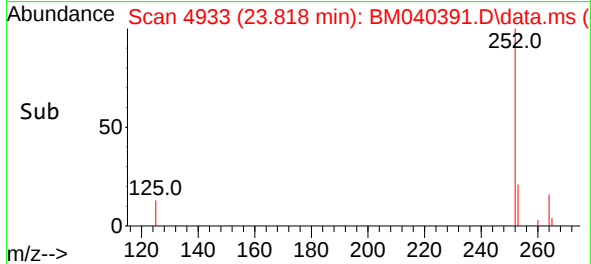
Instrument :
BNA_M
ClientSampleId :
DCFN4DL



Tgt Ion:252 Resp: 70624
Ion Ratio Lower Upper
252 100
253 25.1 22.9 34.3
125 19.8 21.0 31.4

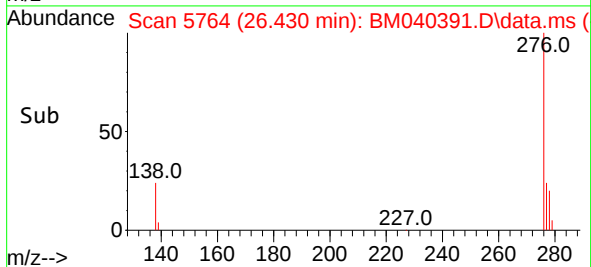
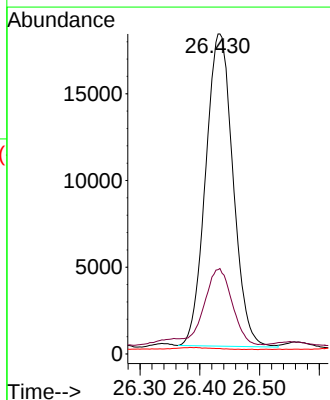
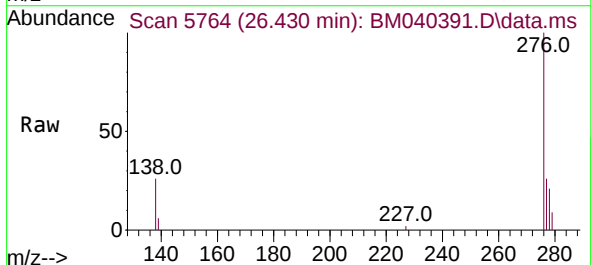
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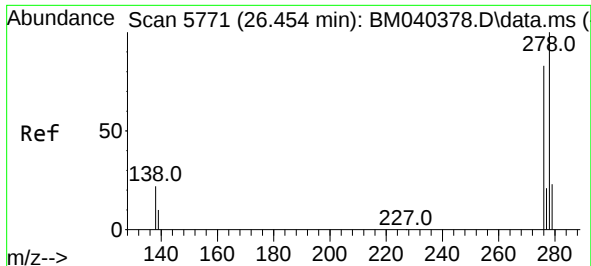
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.773 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM040391.D
Acq: 24 Jun 2023 00:44

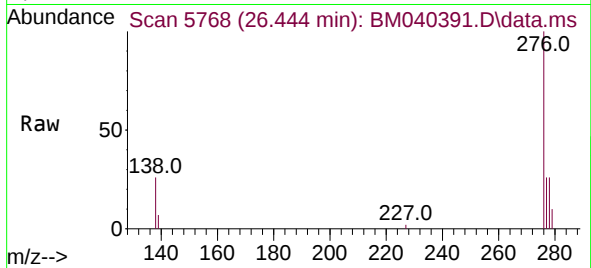
Tgt Ion:276 Resp: 57325
Ion Ratio Lower Upper
276 100
138 24.2 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.247 ng/ul
RT: 26.444 min Scan# 5771
Delta R.T. -0.010 min
Lab File: BM040391.D
Acq: 24 Jun 2023 00:44

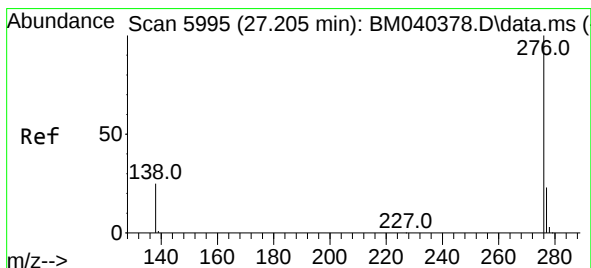
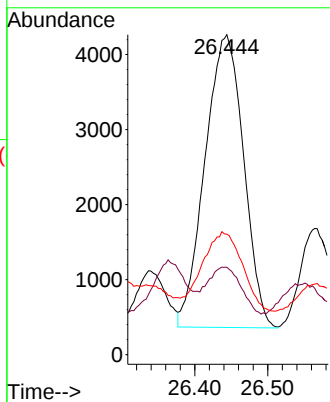
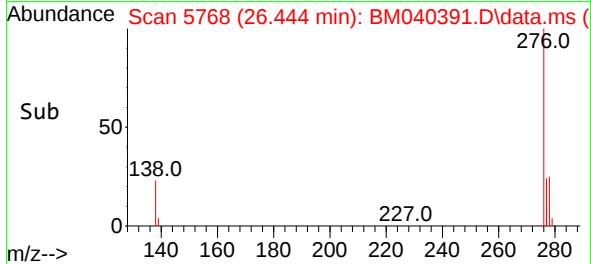
Instrument :
BNA_M
ClientSampleId :
DCFN4DL



Tgt Ion:278 Resp: 1433
Ion Ratio Lower Upper
278 100
139 27.4 17.9 26.9
279 37.6 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: 0.879 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. -0.000 min
Lab File: BM040391.D
Acq: 24 Jun 2023 00:44

Tgt Ion:276 Resp: 57141
Ion Ratio Lower Upper
276 100
138 27.1 23.0 34.6
277 25.0 20.3 30.5

