

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040661.D
 Acq On : 06 Jul 2023 04:28
 Operator : MA/JU
 Sample : 03248-03DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGN1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023

Quant Time: Jul 06 05:10:14 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 : Wed Jul 05 09:30:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	4677	0.400	ng/ul	0.00
4) Naphthalene-d8	10.712	136	18886	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.549	164	10366	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.303	188	24991	0.400	ng/ul	0.00
17) Chrysene-d12	21.486	240	22859	0.400	ng/ul	-0.01
23) Perylene-d12	23.888	264	24624	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	3476	0.473	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.307	152	1375	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.328	212	3696	0.050	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.762	128	6580	0.126	ng/ul#	93
7) 2-Methylnaphthalene	12.378	142	1854	0.061	ng/ul	99
8) 1-Methylnaphthalene	12.598	142	800	0.026	ng/ul	98
10) Acenaphthylene	14.272	152	10865	0.235	ng/ul	97
15) Phenanthrene	17.341	178	15244	0.196	ng/ul	98
16) Anthracene	17.434	178	10522	0.161	ng/ul#	95
19) Fluoranthene	19.361	202	49862	0.514	ng/ul	97
20) Pyrene	19.723	202	48073	0.462	ng/ul	98
21) Benzo(a)anthracene	21.471	228	38737	0.501	ng/ul	95
22) Chrysene	21.524	228	32236	0.365	ng/ul	97
24) Benzo(b)fluoranthene	23.157	252	82672	0.868	ng/ul	95
25) Benzo(k)fluoranthene	23.195	252	23962m	0.255	ng/ul	
26) Benzo(a)pyrene	23.780	252	39836	0.464	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.373	276	35699	0.299	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.380	278	9004	0.096	ng/ul#	74
29) Benzo(g,h,i)perylene	27.141	276	30759	0.294	ng/ul	99

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

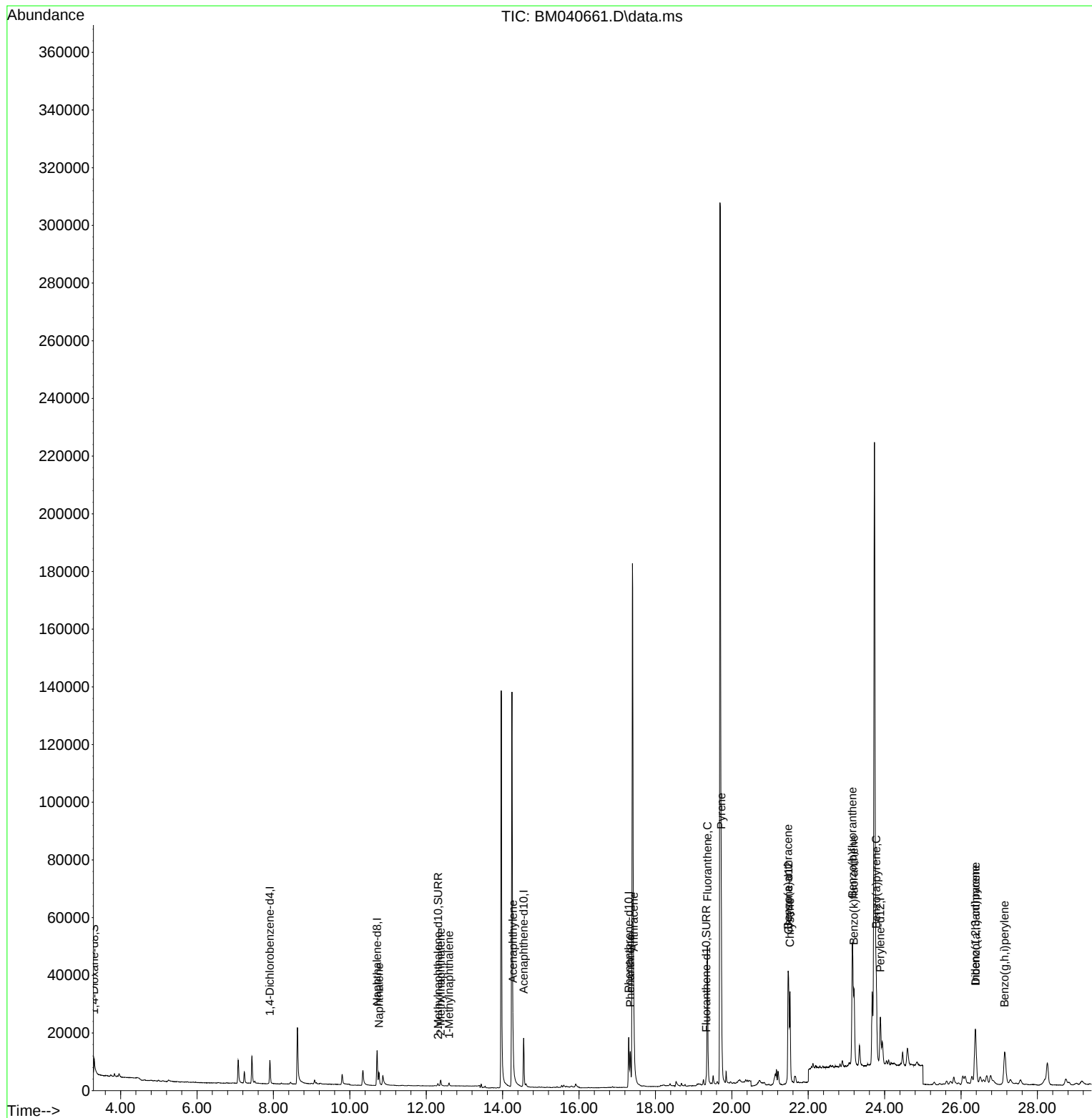
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040661.D
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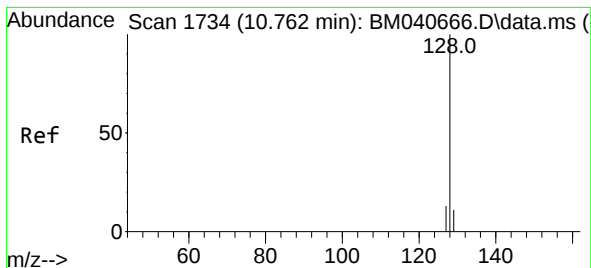
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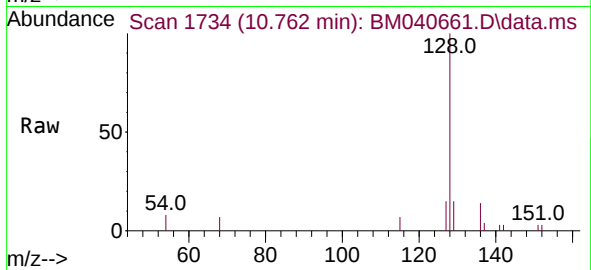
Quant Time: Jul 06 05:10:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 09:30:35 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.126 ng/ul
RT: 10.762 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BM040661.D
Acq: 06 Jul 2023 04:28

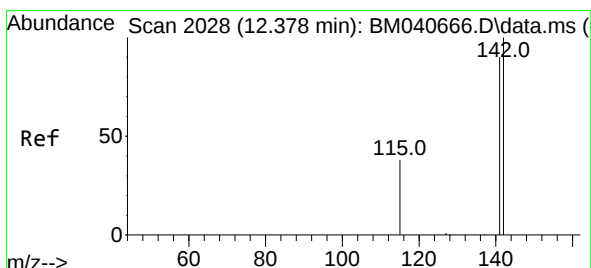
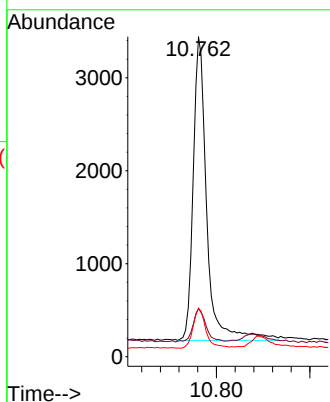
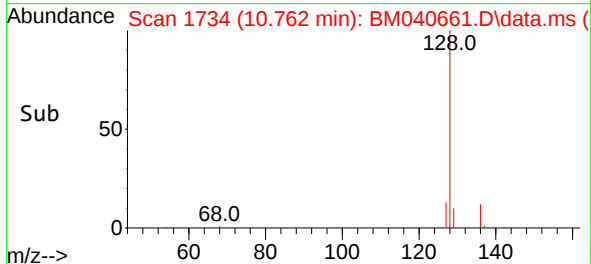
Instrument :
BNA_M
ClientSampleId :
DCGN1DL



Tgt Ion:128 Resp: 6580
Ion Ratio Lower Upper
128 100
129 15.0 9.2 13.8
127 15.1 10.6 15.8

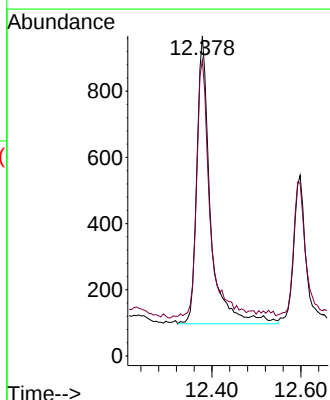
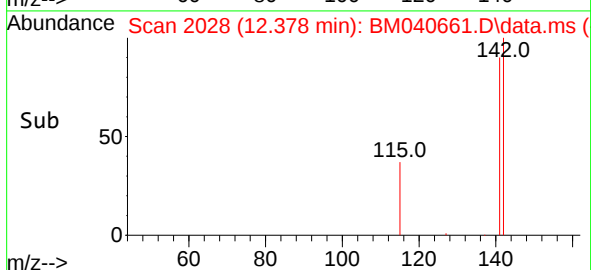
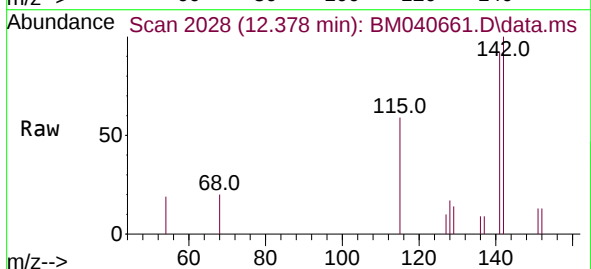
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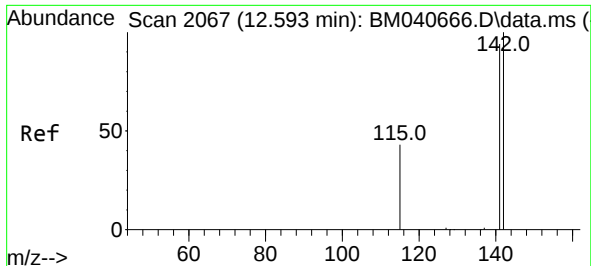
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#7
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.378 min Scan# 2028
Delta R.T. -0.004 min
Lab File: BM040661.D
Acq: 06 Jul 2023 04:28

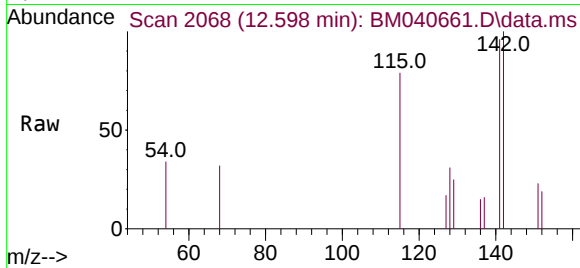
Tgt Ion:142 Resp: 1854
Ion Ratio Lower Upper
142 100
141 88.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.598 min Scan# 2067
Delta R.T. -0.004 min
Lab File: BM040661.D
Acq: 06 Jul 2023 04:28

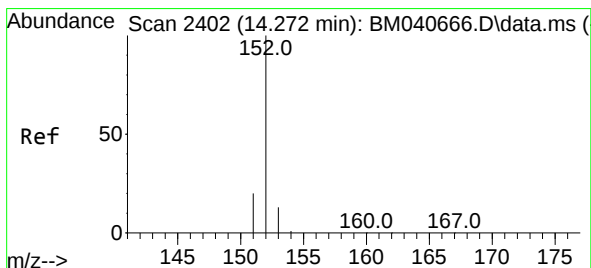
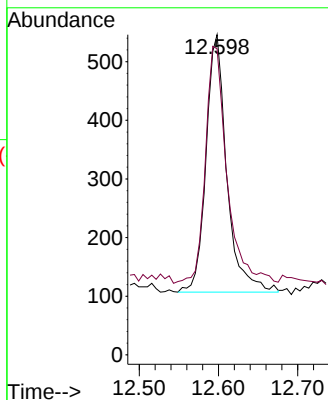
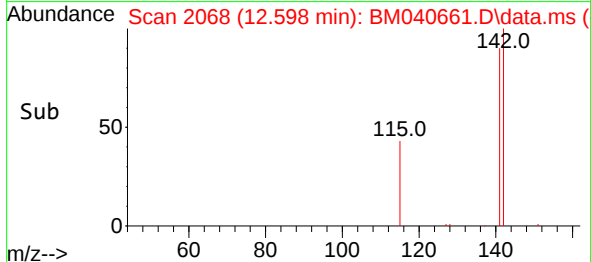
Instrument :
BNA_M
ClientSampleId :
DCGN1DL



Tgt Ion:142 Resp: 800
Ion Ratio Lower Upper
142 100
141 93.8 73.7 110.5

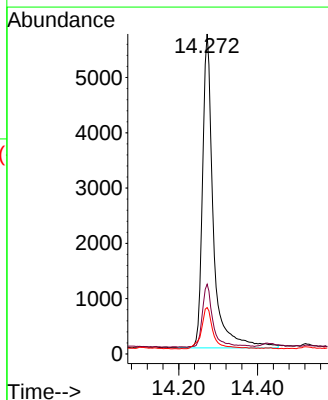
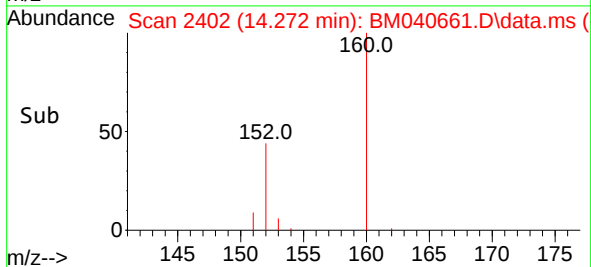
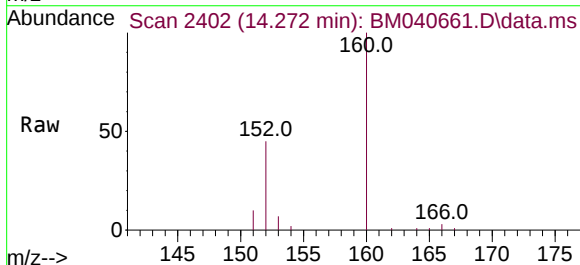
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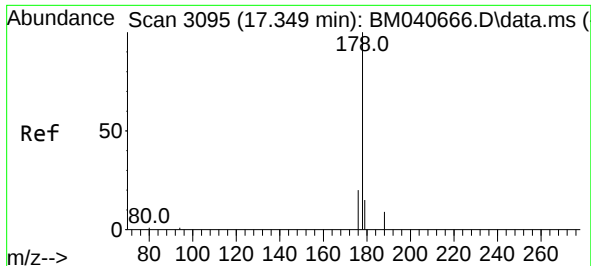
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#10
Acenaphthylene
Concen: 0.235 ng/ul
RT: 14.272 min Scan# 2402
Delta R.T. -0.008 min
Lab File: BM040661.D
Acq: 06 Jul 2023 04:28

Tgt Ion:152 Resp: 10865
Ion Ratio Lower Upper
152 100
151 21.8 16.2 24.2
153 14.5 10.9 16.3





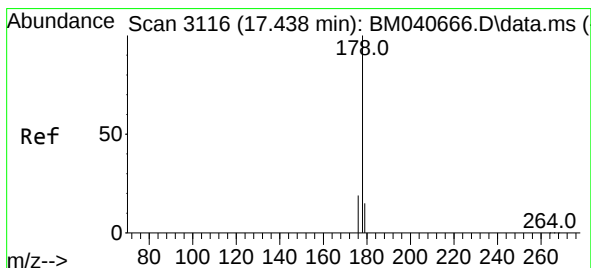
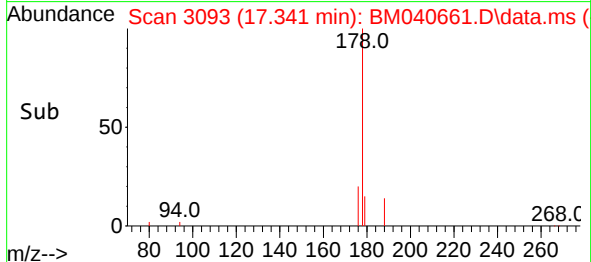
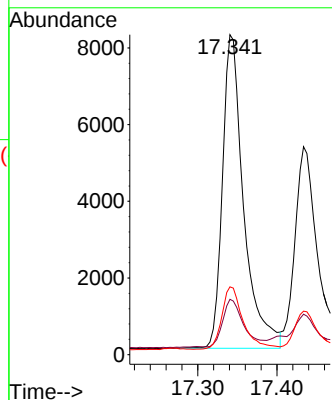
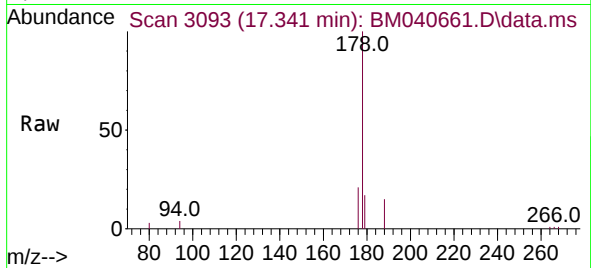
#15
Phenanthrene
Concen: 0.196 ng/ul
RT: 17.341 min Scan# 3093
Delta R.T. -0.011 min
Lab File: BM040661.D
Acq: 06 Jul 2023 04:28

Instrument :
BNA_M
ClientSampleId :
DCGN1DL

Tgt Ion:178 Resp: 15244
Ion Ratio Lower Upper
178 100
179 17.3 12.8 19.2
176 21.2 16.4 24.6

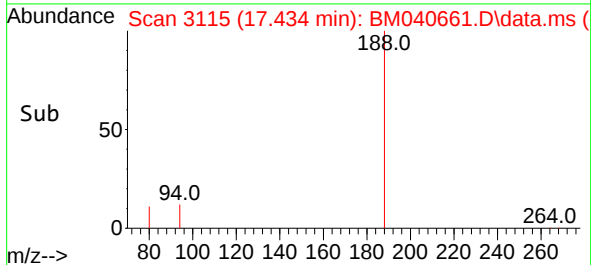
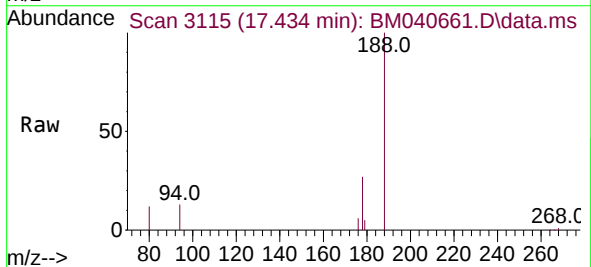
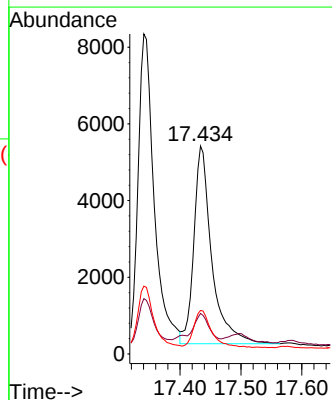
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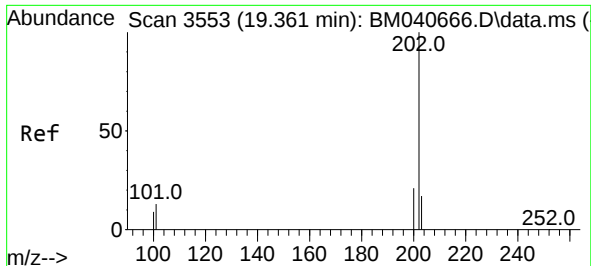
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#16
Anthracene
Concen: 0.161 ng/ul
RT: 17.434 min Scan# 3115
Delta R.T. -0.011 min
Lab File: BM040661.D
Acq: 06 Jul 2023 04:28

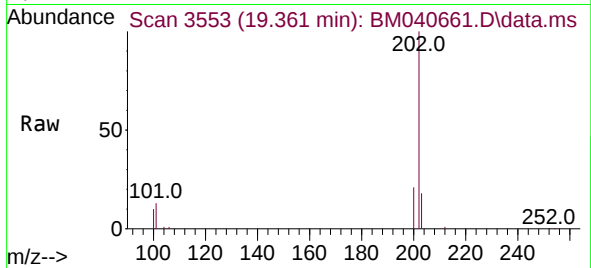
Tgt Ion:178 Resp: 10522
Ion Ratio Lower Upper
178 100
179 19.4 12.9 19.3#
176 20.9 15.8 23.6





#19
Fluoranthene
Concen: 0.514 ng/ul
RT: 19.361 min Scan# 3553
Delta R.T. -0.008 min
Lab File: BM040661.D
Acq: 06 Jul 2023 04:28

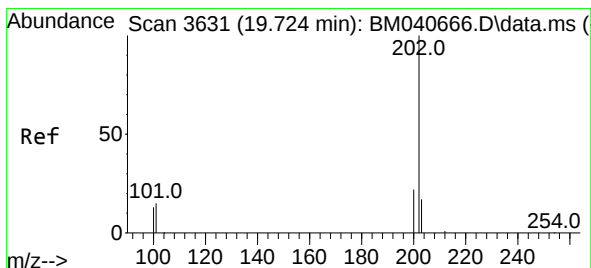
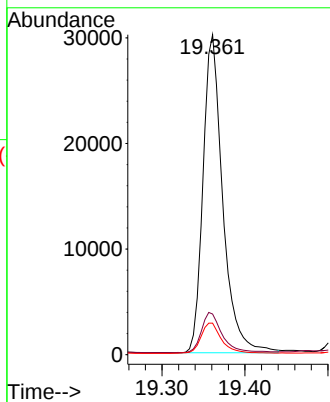
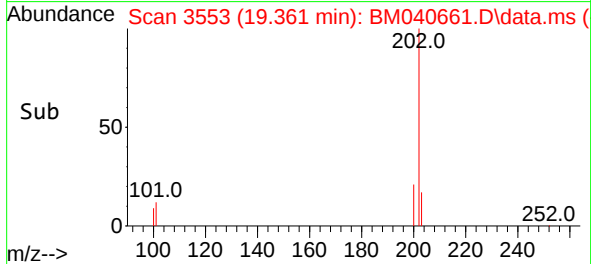
Instrument :
BNA_M
ClientSampleId :
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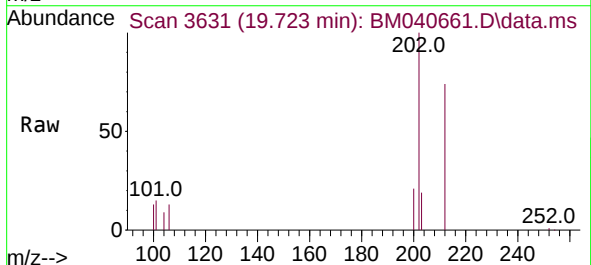
Tgt Ion:202 Resp: 49862
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 9.8 8.7 13.1

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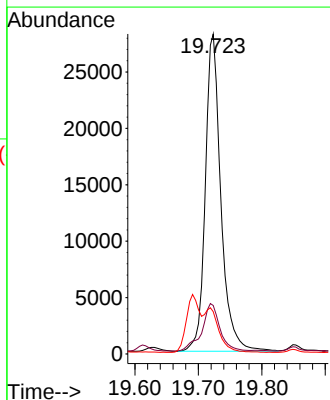
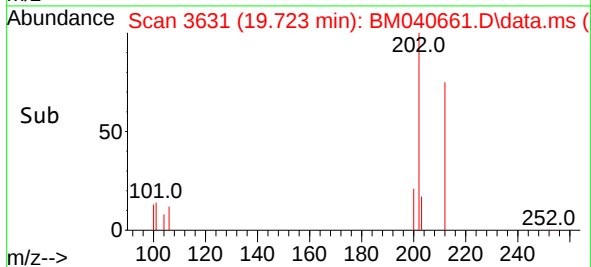
Reviewed By :Yogesh Patel 07/06/2023
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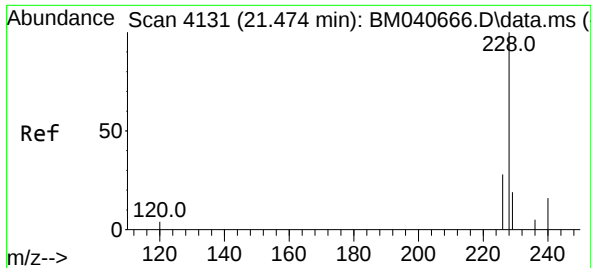


#20
Pyrene
Concen: 0.462 ng/ul
RT: 19.723 min Scan# 3631
Delta R.T. -0.008 min
Lab File: BM040661.D
Acq: 06 Jul 2023 04:28



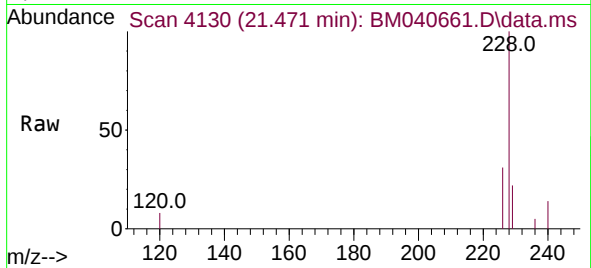
Tgt Ion:202 Resp: 48073
Ion Ratio Lower Upper
202 100
101 15.2 12.6 18.8
100 13.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.501 ng/ul
RT: 21.471 min Scan# 4131
Delta R.T. -0.007 min
Lab File: BM040661.D
Acq: 06 Jul 2023 04:28

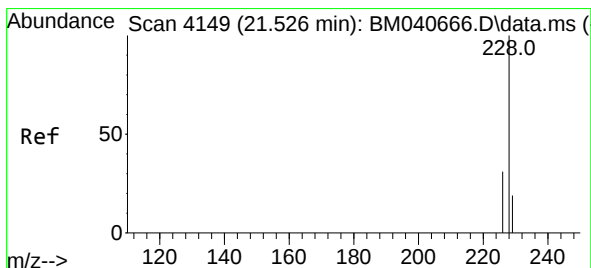
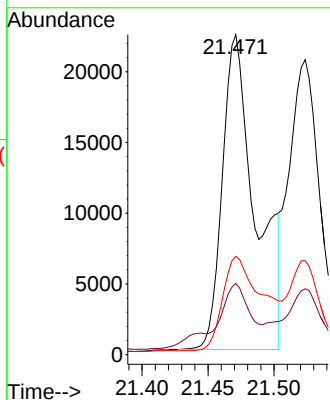
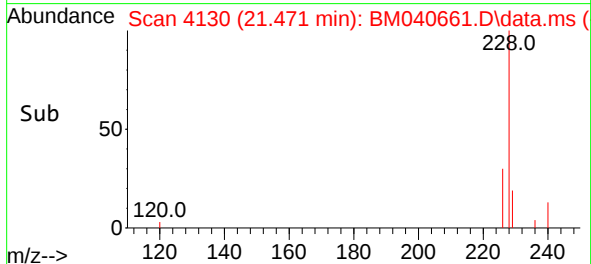
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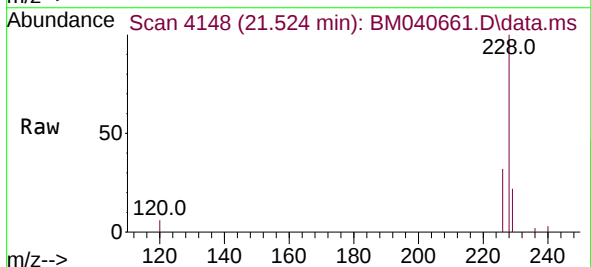
Tgt Ion:228 Resp: 3873
Ion Ratio Lower Upper
228 100
229 22.2 16.0 24.0
226 30.8 22.3 33.5

Manual Integrations
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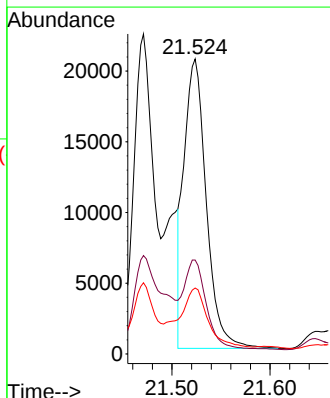
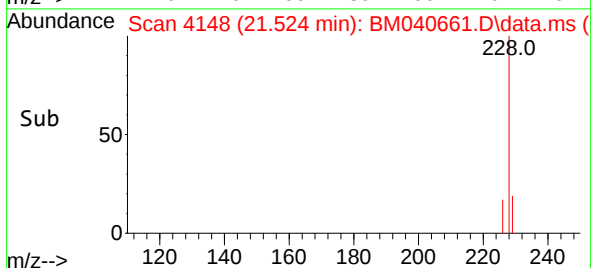
Reviewed By :Yogesh Patel 07/06/2023
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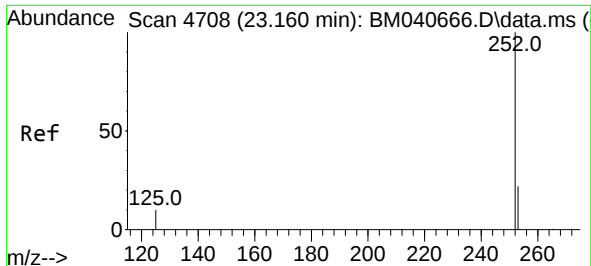


#22
Chrysene
Concen: 0.365 ng/ul
RT: 21.524 min Scan# 4148
Delta R.T. -0.007 min
Lab File: BM040661.D
Acq: 06 Jul 2023 04:28



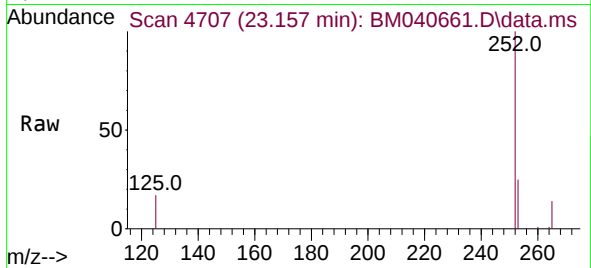
Tgt Ion:228 Resp: 32236
Ion Ratio Lower Upper
228 100
226 31.8 24.9 37.3
229 22.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.868 ng/ul
RT: 23.157 min Scan# 41
Delta R.T. -0.010 min
Lab File: BM040661.D
Acq: 06 Jul 2023 04:28

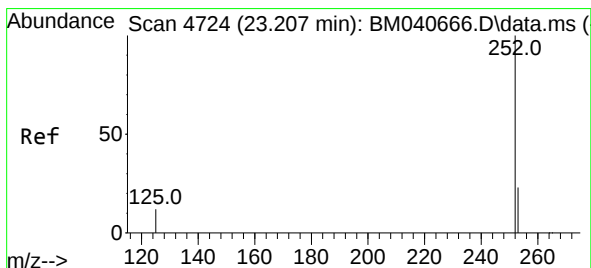
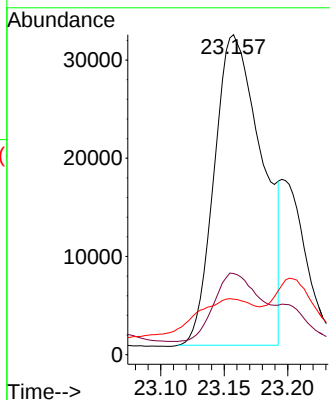
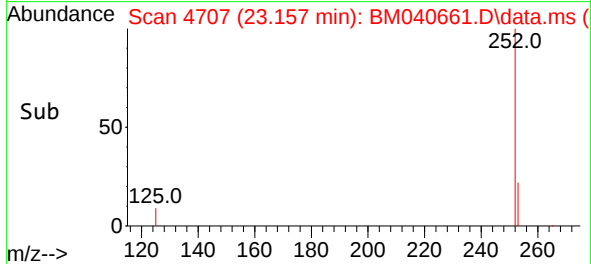
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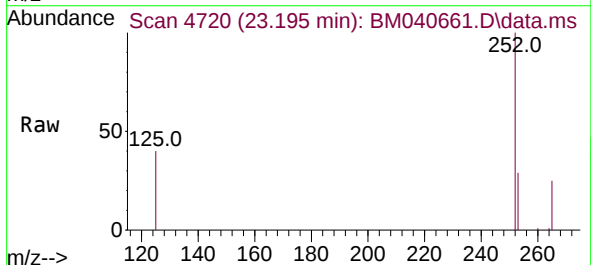
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Ion Ratio Lower Upper
252 100
253 25.4 0.0 52.8
125 17.3 0.0 43.0

Manual Integrations
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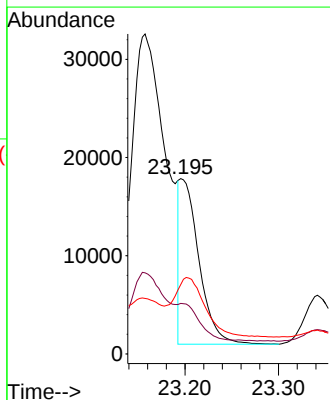
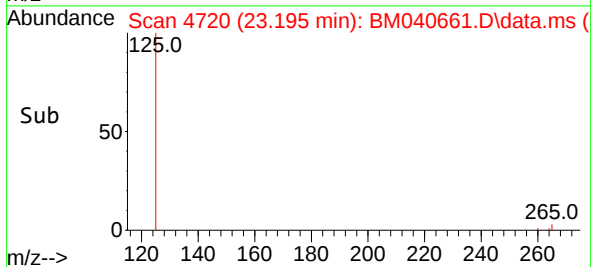
Reviewed By :Yogesh Patel 07/06/2023
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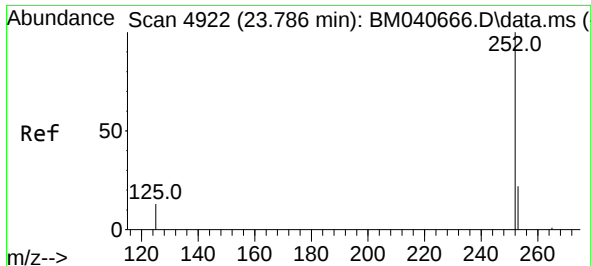


#25
Benzo(k)fluoranthene
Concen: 0.255 ng/ul m
RT: 23.195 min Scan# 4720
Delta R.T. -0.016 min
Lab File: BM040661.D
Acq: 06 Jul 2023 04:28



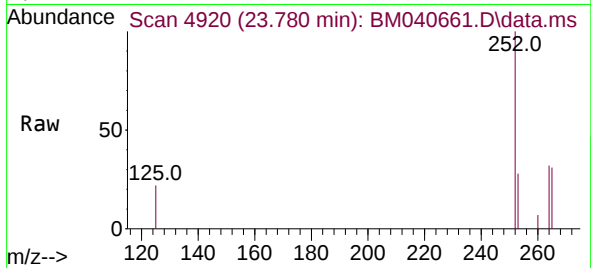
Tgt Ion:252 Resp: 23962
Ion Ratio Lower Upper
252 100
253 28.9 21.2 31.8
125 39.6 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.464 ng/ul
RT: 23.780 min Scan# 4922
Delta R.T. -0.013 min
Lab File: BM040661.D
Acq: 06 Jul 2023 04:28

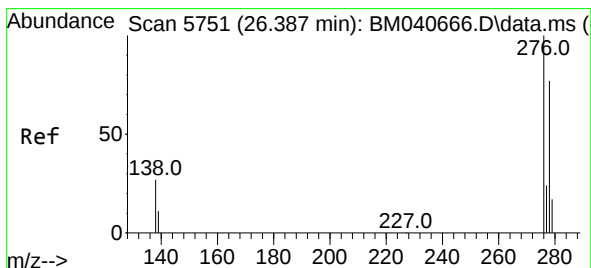
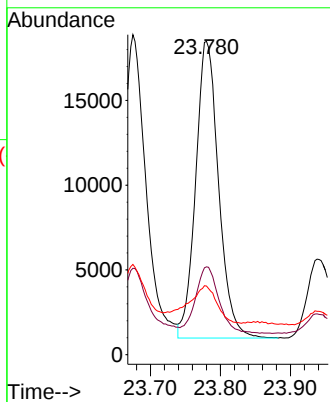
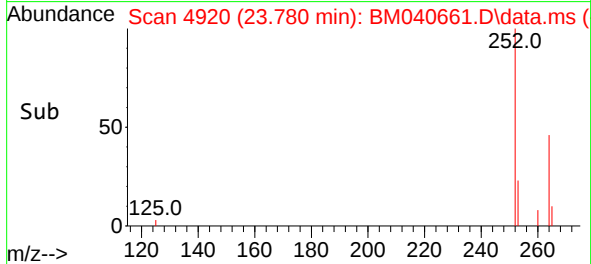
Instrument :
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Tgt Ion:252 Resp: 39830
Ion Ratio Lower Upper
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125 21.9 21.0 31.4

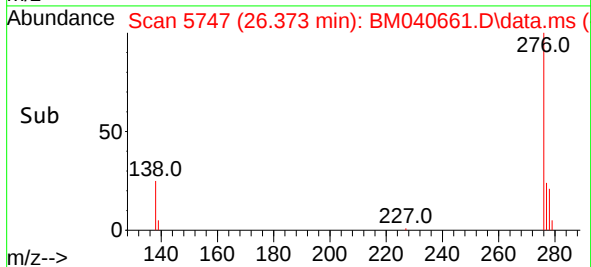
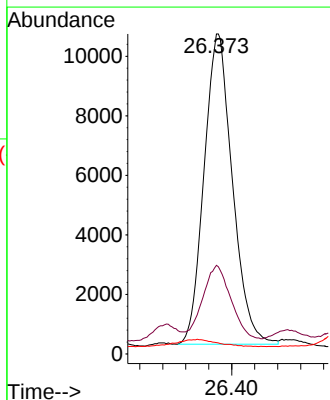
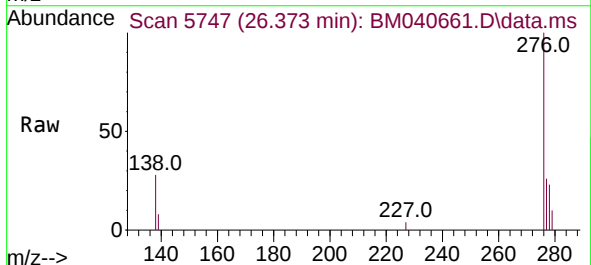
Manual Integrations
APPROVED

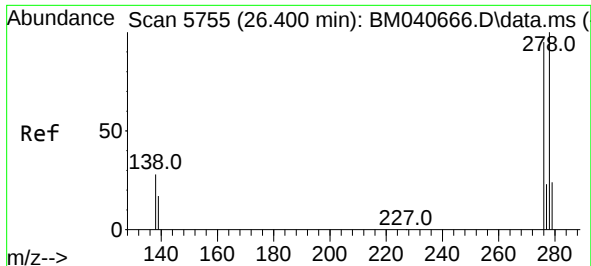
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.299 ng/ul
RT: 26.373 min Scan# 5747
Delta R.T. -0.015 min
Lab File: BM040661.D
Acq: 06 Jul 2023 04:28

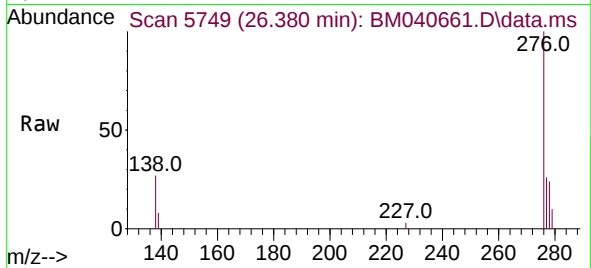
Tgt Ion:276 Resp: 35699
Ion Ratio Lower Upper
276 100
138 23.6 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.096 ng/ul
RT: 26.380 min Scan# 51
Delta R.T. -0.029 min
Lab File: BM040661.D
Acq: 06 Jul 2023 04:28

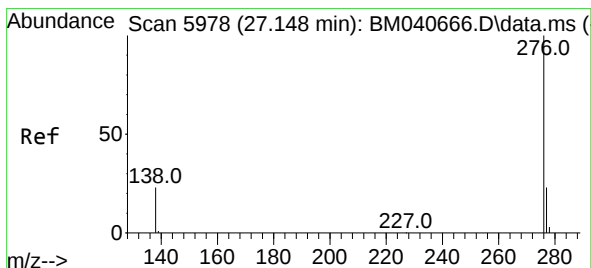
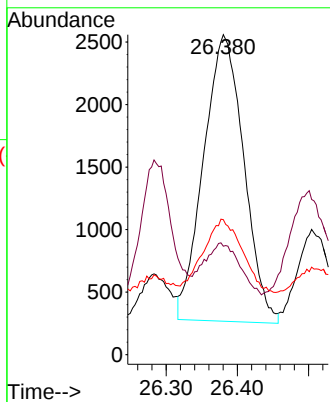
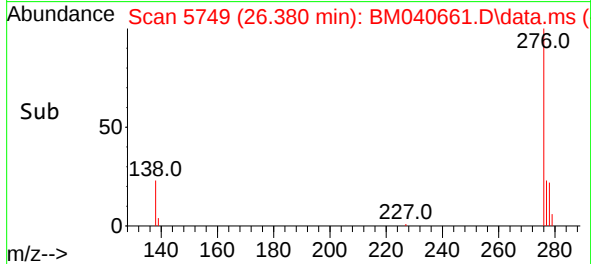
Instrument :
BNA_M
ClientSampleId :
DCGN1DL



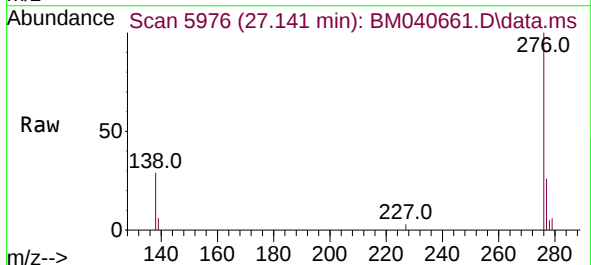
Tgt Ion:278 Resp: 9004
Ion Ratio Lower Upper
278 100
139 33.9 17.9 26.9
279 42.2 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#29
Benzo(g,h,i)perylene
Concen: 0.294 ng/ul
RT: 27.141 min Scan# 5976
Delta R.T. -0.022 min
Lab File: BM040661.D
Acq: 06 Jul 2023 04:28



Tgt Ion:276 Resp: 30759
Ion Ratio Lower Upper
276 100
138 29.1 23.0 34.6
277 25.9 20.3 30.5

