

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040574.D
 Acq On : 03 Jul 2023 14:19
 Operator : MA/JU
 Sample : 03242-13DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGB4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/04/2023
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 03 15:24:05 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 : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	4911	0.400	ng/ul	0.00
4) Naphthalene-d8	10.734	136	18668	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.568	164	9386	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	19714	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	13735	0.400	ng/ul	0.00
23) Perylene-d12	23.914	264	13063	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	4353	0.564	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	1200	0.046	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	2152	0.049	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.778	128	7048	0.137	ng/ul#	94
7) 2-Methylnaphthalene	12.395	142	4501	0.149	ng/ul	98
8) 1-Methylnaphthalene	12.615	142	3267	0.108	ng/ul	99
10) Acenaphthylene	14.290	152	18573	0.443	ng/ul	99
11) Acenaphthene	14.628	153	2092	0.059	ng/ul	95
12) Fluorene	15.618	166	3139	0.083	ng/ul#	95
15) Phenanthrene	17.357	178	84863	1.386	ng/ul	98
16) Anthracene	17.450	178	20984	0.408	ng/ul	99
19) Fluoranthene	19.375	202	186949	3.204	ng/ul	96
20) Pyrene	19.737	202	149383	2.388	ng/ul	98
21) Benzo(a)anthracene	21.488	228	83993	1.808	ng/ul	97
22) Chrysene	21.541	228	73550	1.388	ng/ul	98
24) Benzo(b)fluoranthene	23.181	252	119526	2.364	ng/ul	92
25) Benzo(k)fluoranthene	23.222	252	38428m	0.771	ng/ul	
26) Benzo(a)pyrene	23.806	252	70276	1.543	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.414	276	58104	0.916	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.417	278	14221	0.286	ng/ul#	85
29) Benzo(g,h,i)perylene	27.188	276	53302	0.959	ng/ul	97

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

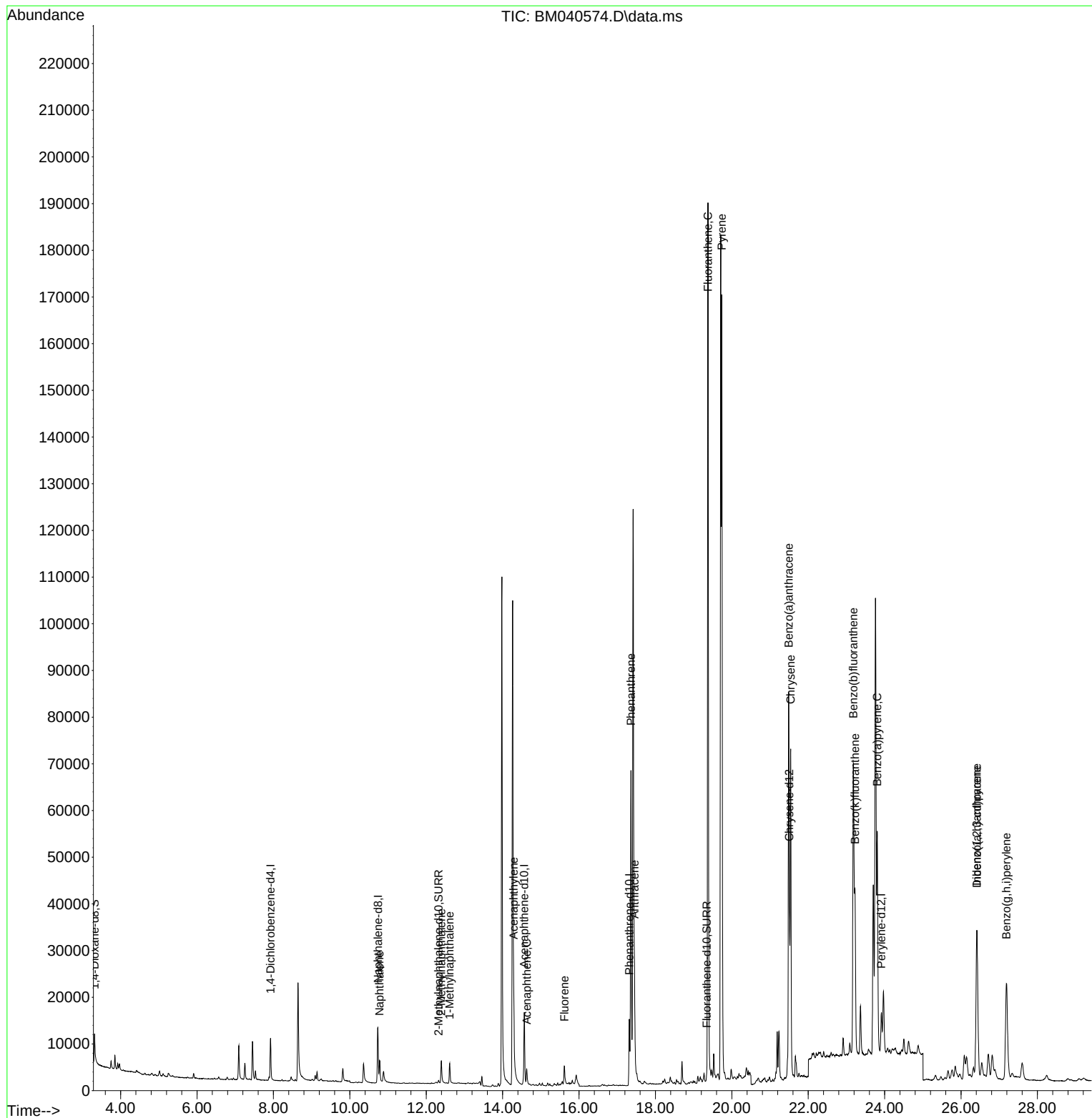
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040574.D
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ALS Vial : 11 Sample Multiplier: 1

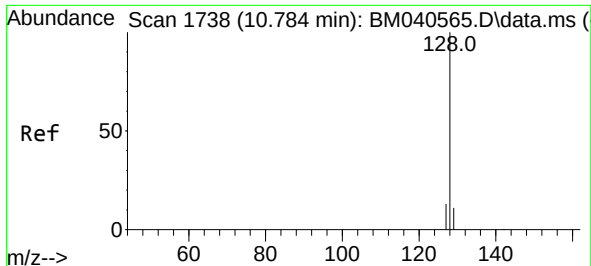
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Quant Time: Jul 03 15:24:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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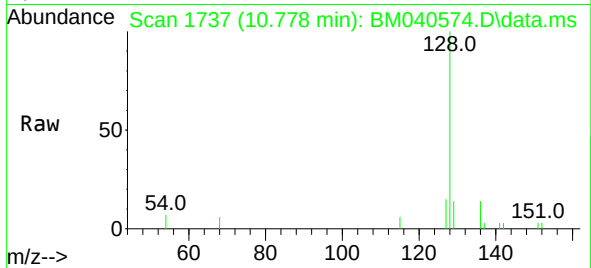
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023





#5
Naphthalene
Concen: 0.137 ng/ul
RT: 10.778 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BM040574.D
Acq: 03 Jul 2023 14:19

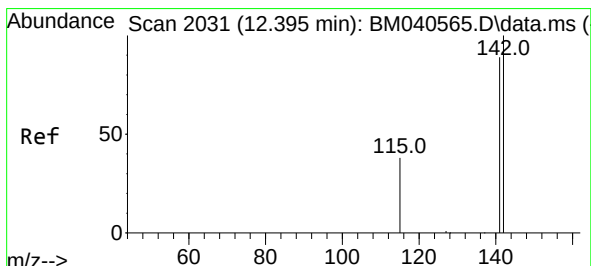
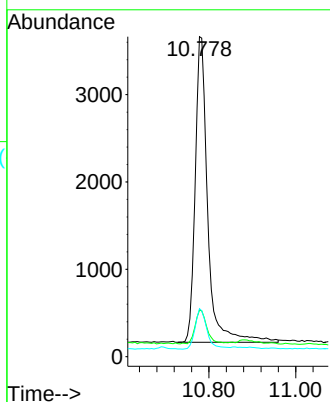
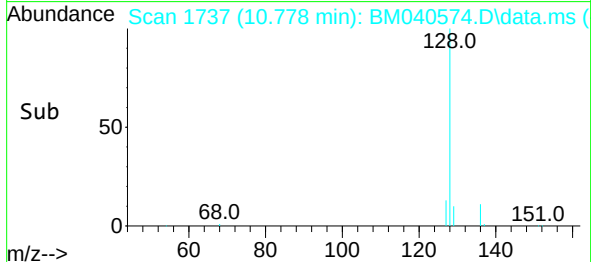
Instrument :
BNA_M
ClientSampleId :
DCGB4DL



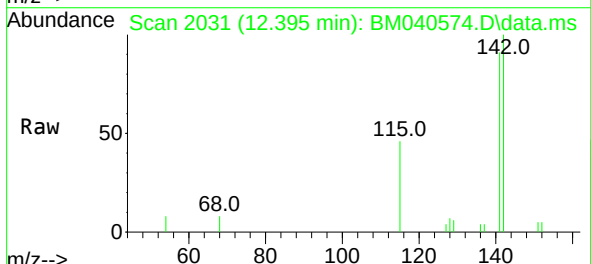
Tgt Ion:128 Resp: 7048
Ion Ratio Lower Upper
128 100
129 14.5 9.2 13.8
127 15.0 10.6 15.8

Manual Integrations
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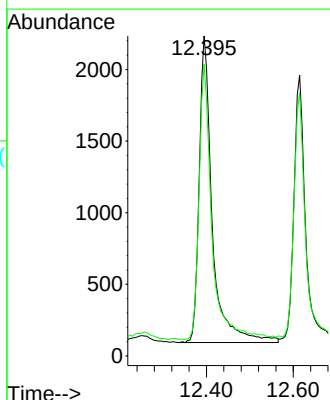
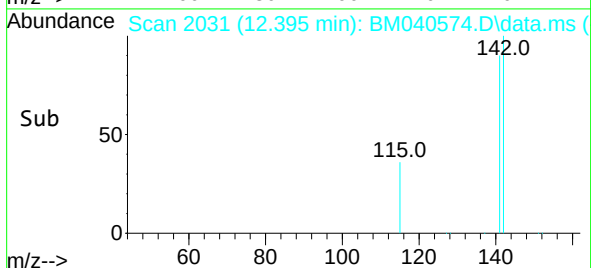
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

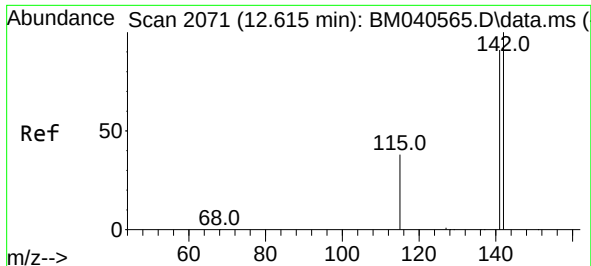


#7
2-Methylnaphthalene
Concen: 0.149 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BM040574.D
Acq: 03 Jul 2023 14:19



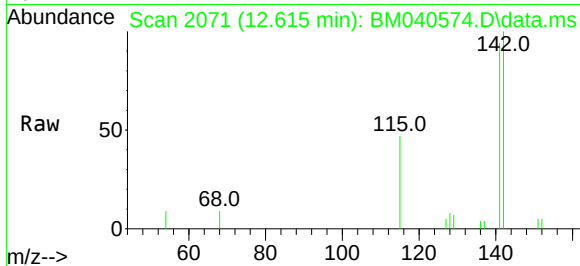
Tgt Ion:142 Resp: 4501
Ion Ratio Lower Upper
142 100
141 87.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.108 ng/ul
RT: 12.615 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BM040574.D
Acq: 03 Jul 2023 14:19

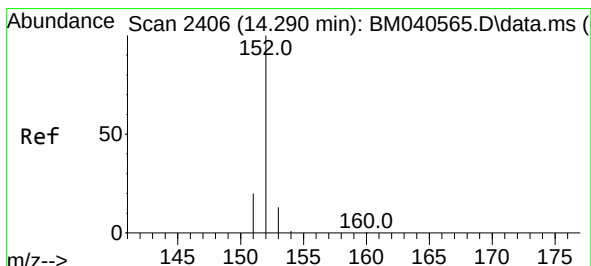
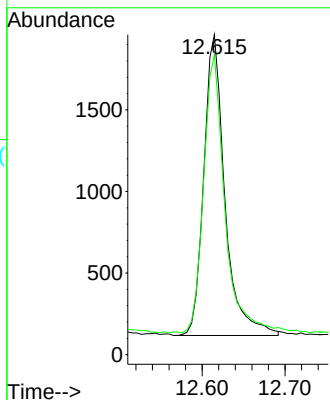
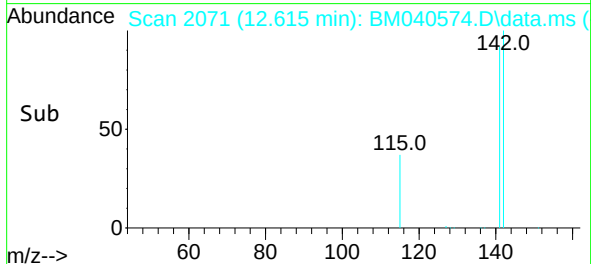
Instrument :
BNA_M
ClientSampleId :
DCGB4DL



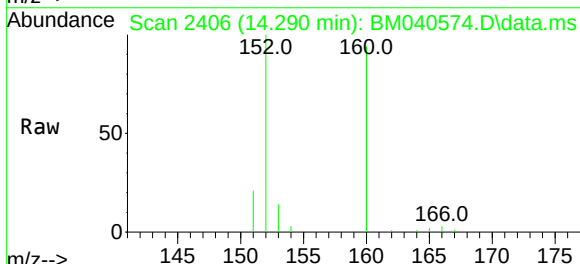
Tgt Ion:142 Resp: 326
Ion Ratio Lower Upper
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141 92.8 73.7 110.5

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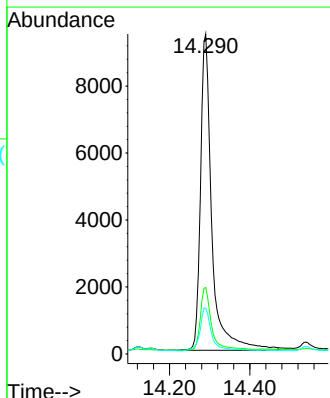
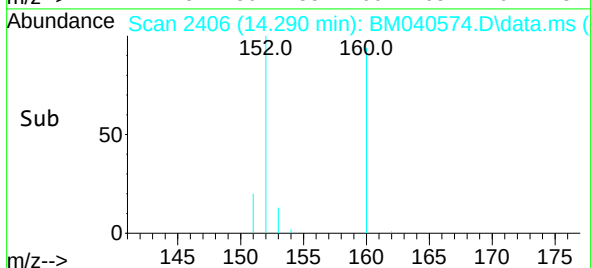
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

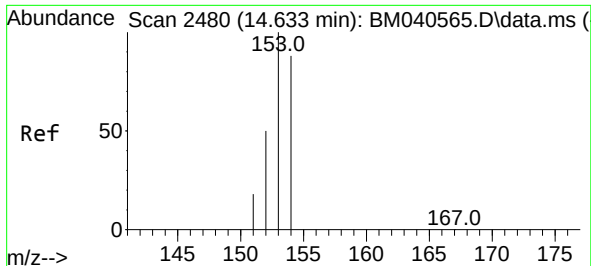


#10
Acenaphthylene
Concen: 0.443 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM040574.D
Acq: 03 Jul 2023 14:19



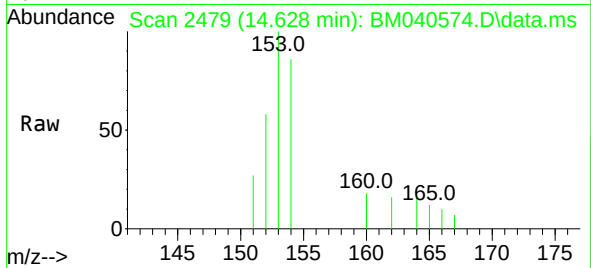
Tgt Ion:152 Resp: 18573
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 14.3 10.9 16.3





#11
Acenaphthene
Concen: 0.059 ng/ul
RT: 14.628 min Scan# 2480
Delta R.T. -0.005 min
Lab File: BM040574.D
Acq: 03 Jul 2023 14:19

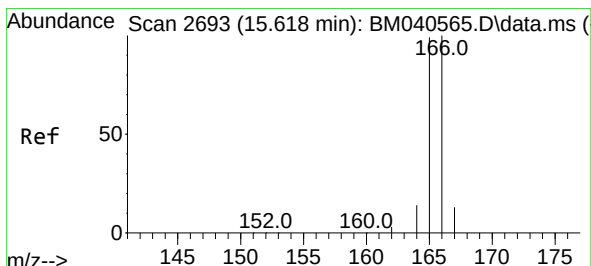
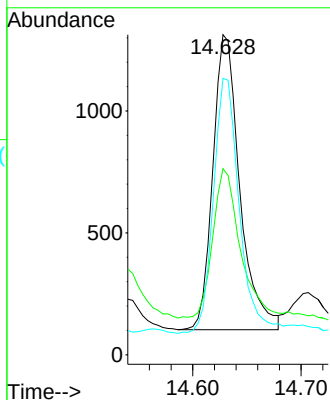
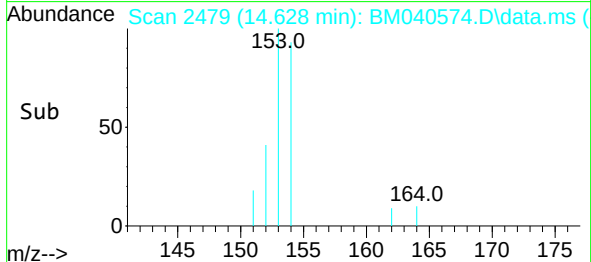
Instrument :
BNA_M
ClientSampleId :
DCGB4DL



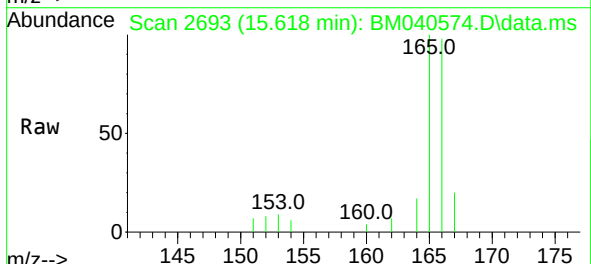
Tgt Ion:153 Resp: 2092
Ion Ratio Lower Upper
153 100
152 58.2 41.0 61.4
154 86.4 70.8 106.2

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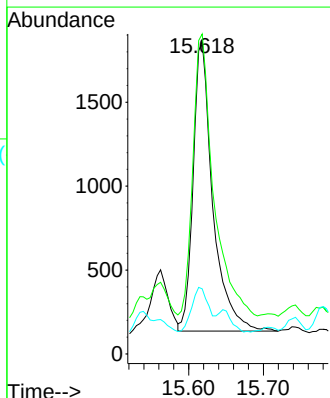
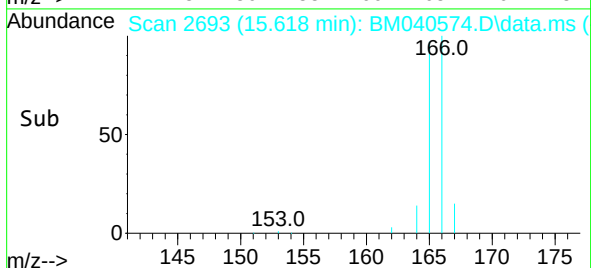
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

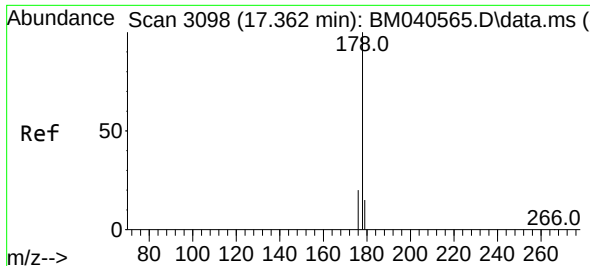


#12
Fluorene
Concen: 0.083 ng/ul
RT: 15.618 min Scan# 2693
Delta R.T. -0.000 min
Lab File: BM040574.D
Acq: 03 Jul 2023 14:19



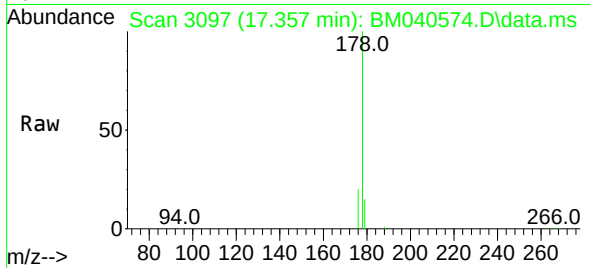
Tgt Ion:166 Resp: 3139
Ion Ratio Lower Upper
166 100
165 102.5 79.6 119.4
167 20.9 11.4 17.0#





#15
Phenanthrene
Concen: 1.386 ng/ul
RT: 17.357 min Scan# 3097
Delta R.T. -0.004 min
Lab File: BM040574.D
Acq: 03 Jul 2023 14:19

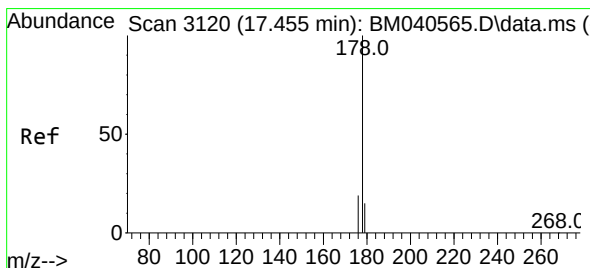
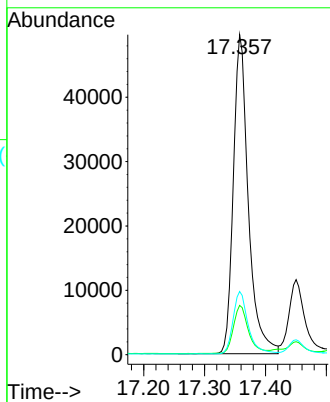
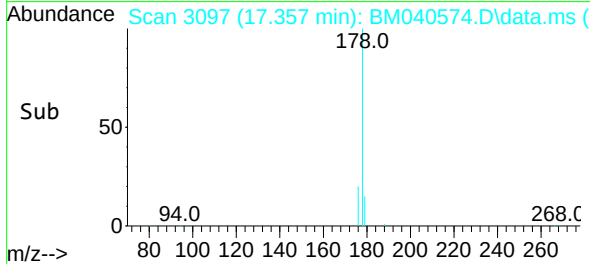
Instrument :
BNA_M
ClientSampleId :
DCGB4DL



Tgt Ion:178 Resp: 8486
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 19.7 16.4 24.6

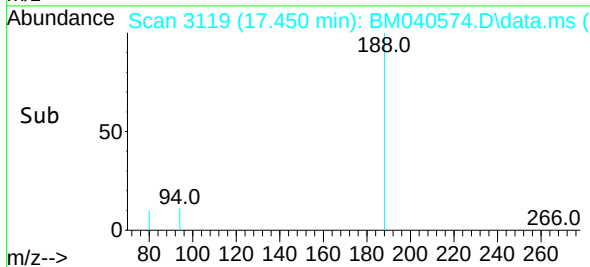
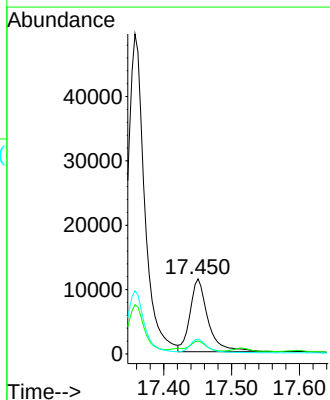
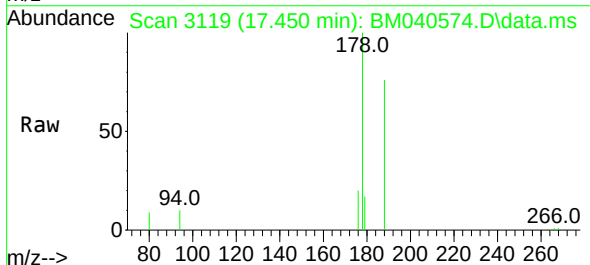
Manual Integrations
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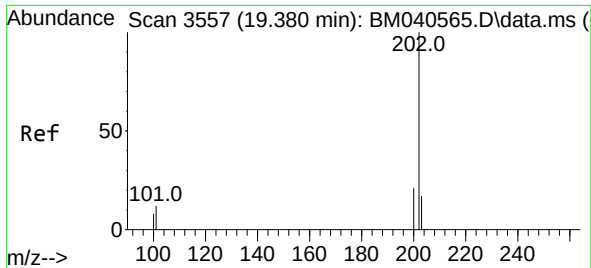
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#16
Anthracene
Concen: 0.408 ng/ul
RT: 17.450 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BM040574.D
Acq: 03 Jul 2023 14:19

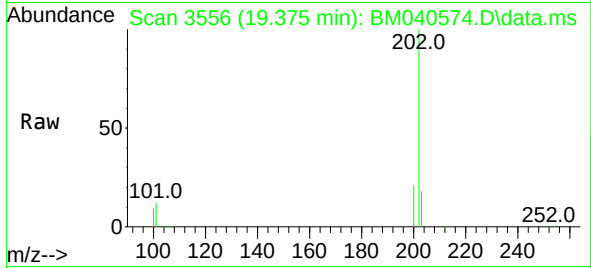
Tgt Ion:178 Resp: 20984
Ion Ratio Lower Upper
178 100
179 17.2 12.9 19.3
176 19.8 15.8 23.6





#19
Fluoranthene
Concen: 3.204 ng/u1
RT: 19.375 min Scan# 3557
Delta R.T. -0.005 min
Lab File: BM040574.D
Acq: 03 Jul 2023 14:19

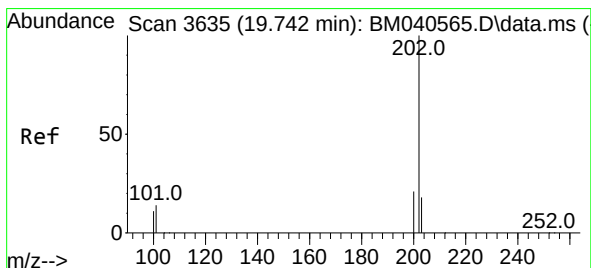
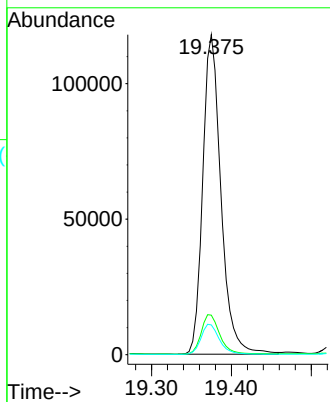
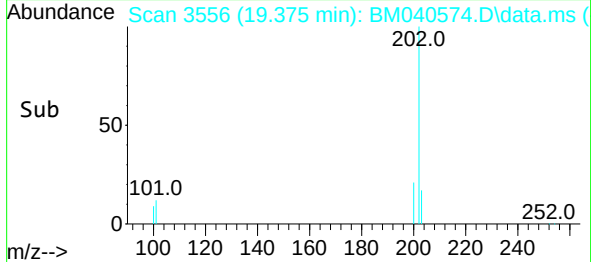
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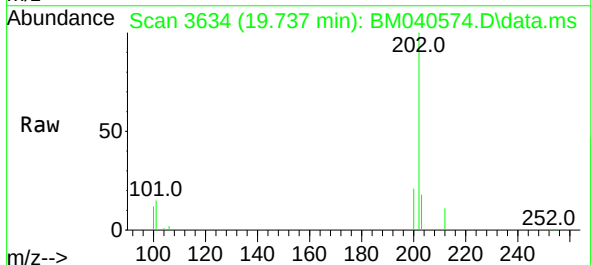
Tgt Ion:202 Resp: 186949
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 9.3 8.7 13.1

Manual Integrations
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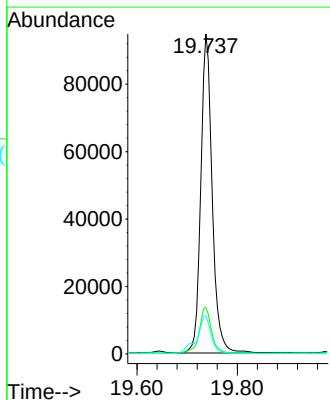
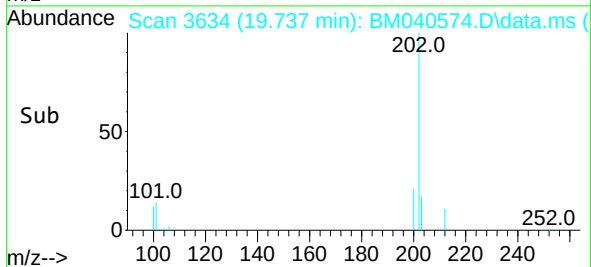
Reviewed By :Yogesh Patel 07/04/2023
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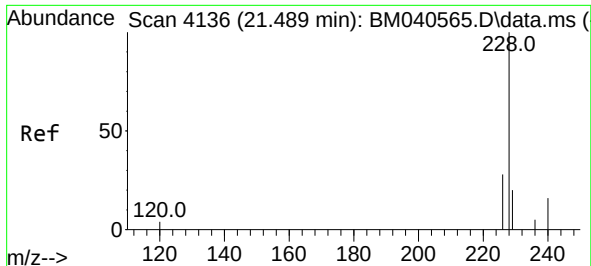


#20
Pyrene
Concen: 2.388 ng/u1
RT: 19.737 min Scan# 3634
Delta R.T. -0.005 min
Lab File: BM040574.D
Acq: 03 Jul 2023 14:19



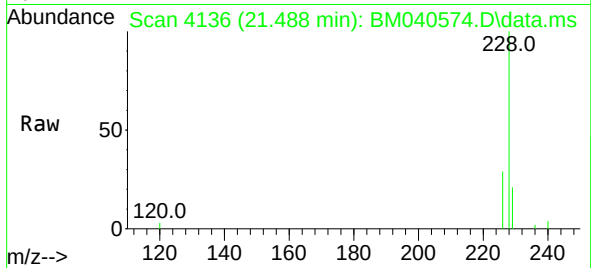
Tgt Ion:202 Resp: 149383
Ion Ratio Lower Upper
202 100
101 14.5 12.6 18.8
100 11.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.808 ng/ul
RT: 21.488 min Scan# 4136
Delta R.T. -0.000 min
Lab File: BM040574.D
Acq: 03 Jul 2023 14:19

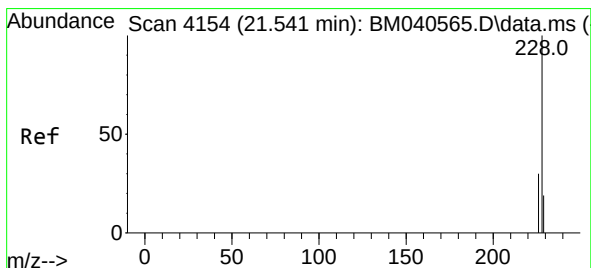
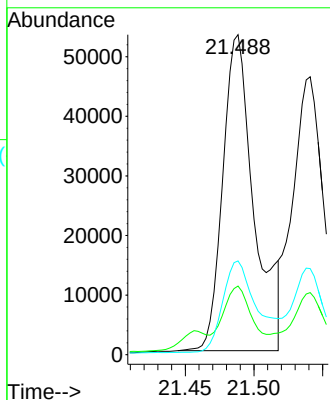
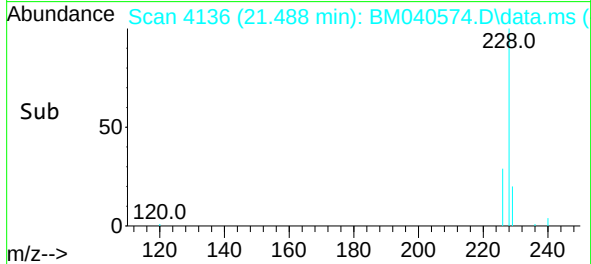
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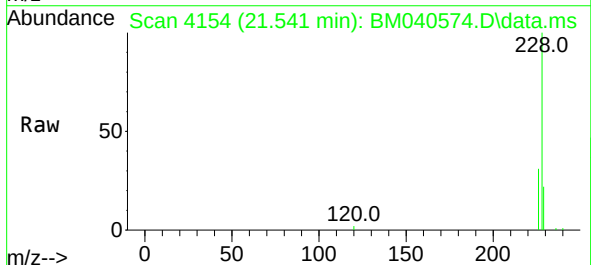
Tgt Ion:228 Resp: 8399
Ion Ratio Lower Upper
228 100
229 21.5 16.0 24.0
226 29.3 22.3 33.5

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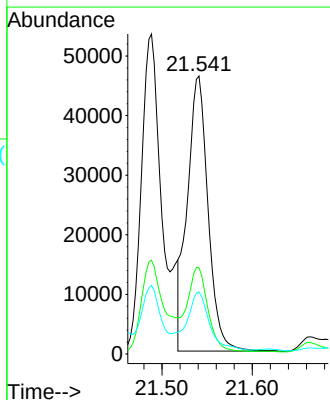
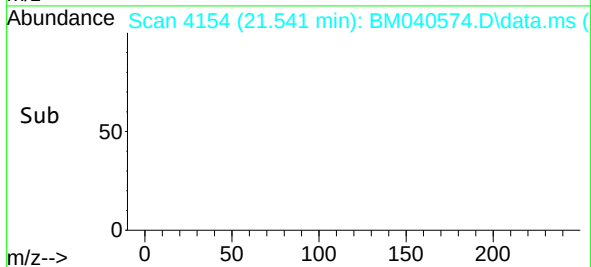
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

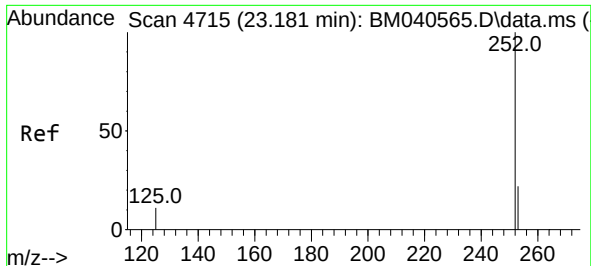


#22
Chrysene
Concen: 1.388 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.000 min
Lab File: BM040574.D
Acq: 03 Jul 2023 14:19



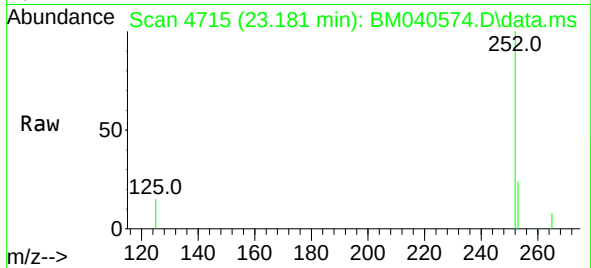
Tgt Ion:228 Resp: 73550
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 22.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.364 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. -0.000 min
Lab File: BM040574.D
Acq: 03 Jul 2023 14:19

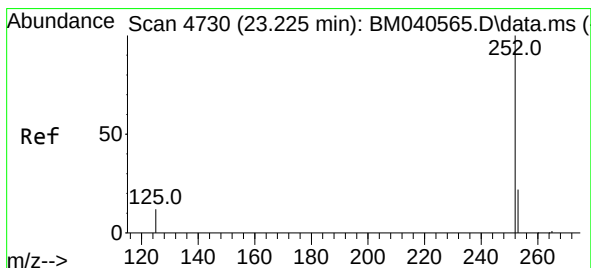
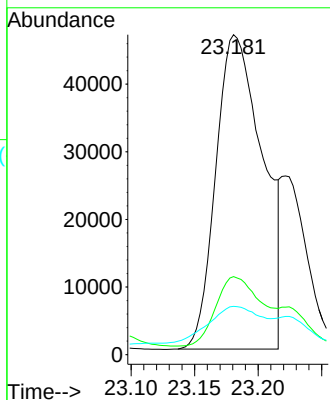
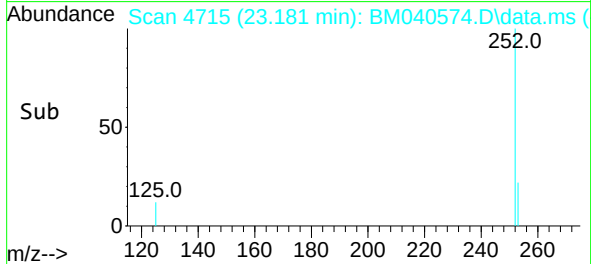
Instrument :
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ClientSampleId :
DCGB4DL



Tgt Ion:252 Resp: 119520
Ion Ratio Lower Upper
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253 24.4 0.0 52.8
125 15.1 0.0 43.0

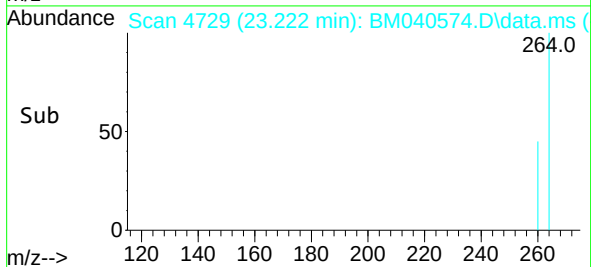
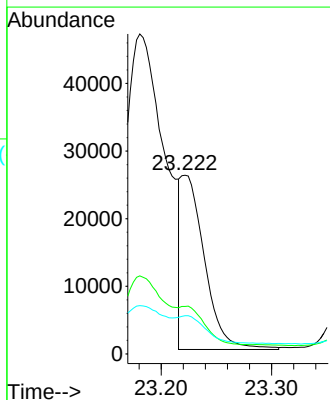
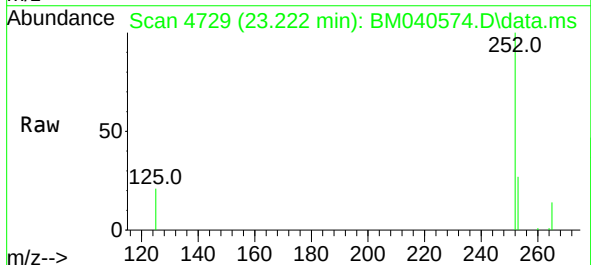
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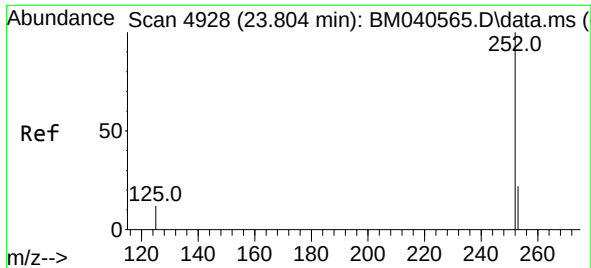
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 0.771 ng/ul m
RT: 23.222 min Scan# 4729
Delta R.T. -0.003 min
Lab File: BM040574.D
Acq: 03 Jul 2023 14:19

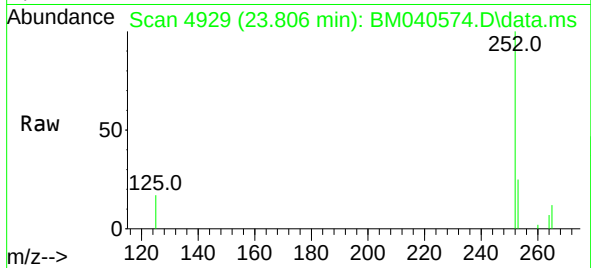
Tgt Ion:252 Resp: 38428
Ion Ratio Lower Upper
252 100
253 26.6 21.2 31.8
125 21.4 16.4 24.6





#26
Benzo(a)pyrene
Concen: 1.543 ng/ul
RT: 23.806 min Scan# 4928
Delta R.T. 0.003 min
Lab File: BM040574.D
Acq: 03 Jul 2023 14:19

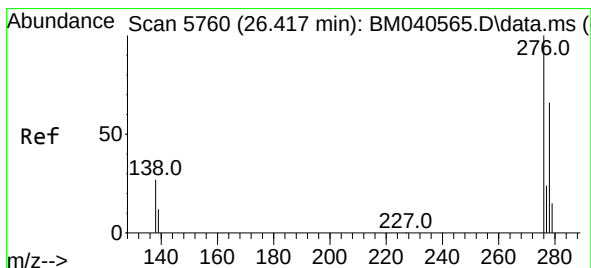
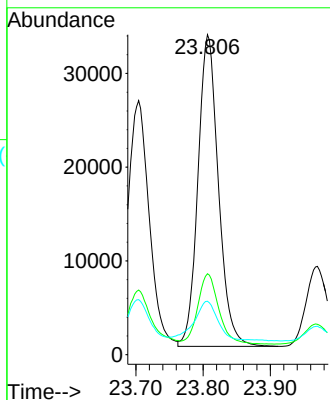
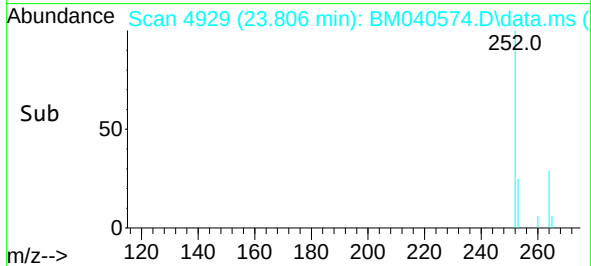
Instrument :
BNA_M
ClientSampleId :
DCGB4DL



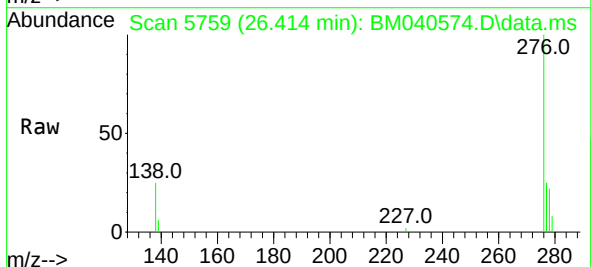
Tgt Ion:252 Resp: 70270
Ion Ratio Lower Upper
252 100
253 25.3 22.9 34.3
125 16.7 21.0 31.4

Manual Integrations
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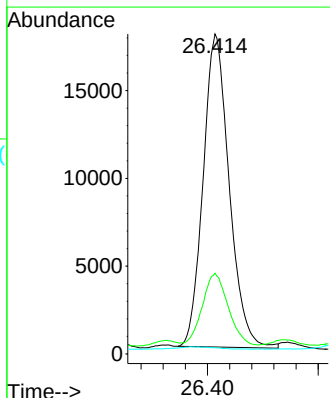
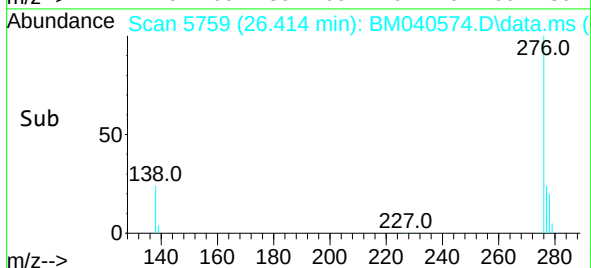
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

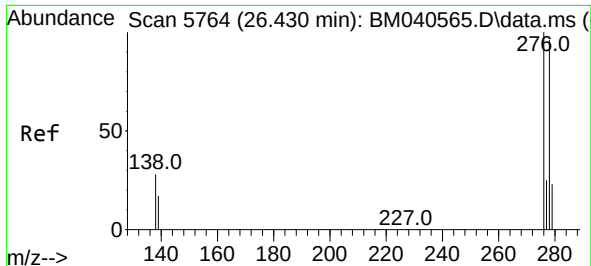


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.916 ng/ul
RT: 26.414 min Scan# 5759
Delta R.T. -0.003 min
Lab File: BM040574.D
Acq: 03 Jul 2023 14:19



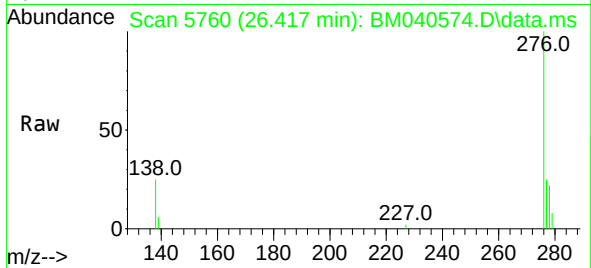
Tgt Ion:276 Resp: 58104
Ion Ratio Lower Upper
276 100
138 23.0 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.286 ng/ul
RT: 26.417 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM040574.D
Acq: 03 Jul 2023 14:19

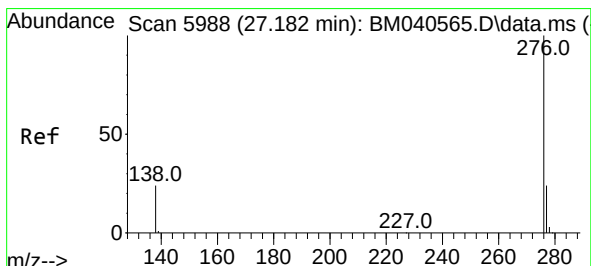
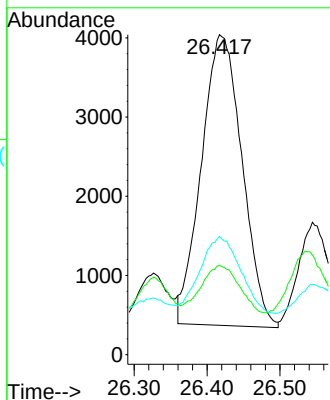
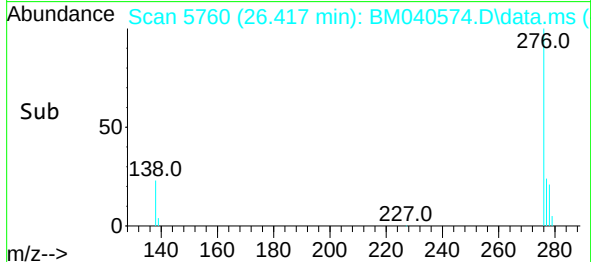
Instrument :
BNA_M
ClientSampleId :
DCGB4DL



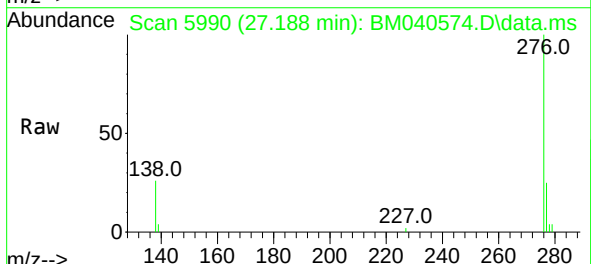
Tgt Ion:278 Resp: 1422
Ion Ratio Lower Upper
278 100
139 27.9 17.9 26.9
279 37.0 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#29
Benzo(g,h,i)perylene
Concen: 0.959 ng/ul
RT: 27.188 min Scan# 5990
Delta R.T. 0.007 min
Lab File: BM040574.D
Acq: 03 Jul 2023 14:19



Tgt Ion:276 Resp: 53302
Ion Ratio Lower Upper
276 100
138 26.4 23.0 34.6
277 25.1 20.3 30.5

