

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
 Data File : BM040319.D
 Acq On : 19 Jun 2023 17:59
 Operator : MA/JU
 Sample : 03080-12DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFJ1DL

Quant Time: Jun 20 00:14:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

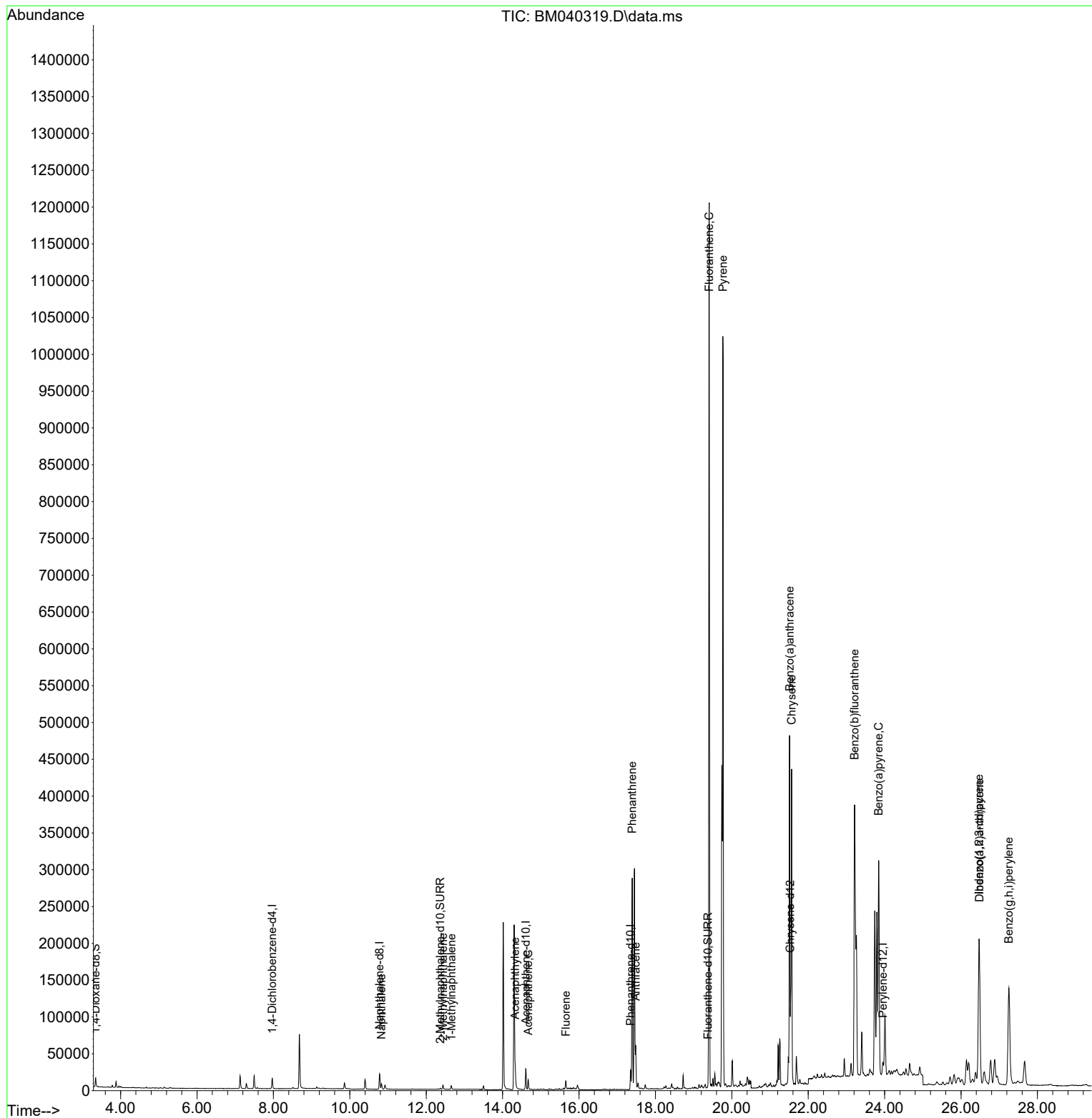
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	7413	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	28862	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	15544	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	30702	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	23789	0.400	ng/ul	# 0.00
23) Perylene-d12	23.956	264	24187	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	7731	0.845	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	2235	0.061	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	4118	0.069	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.828	128	10335	0.151	ng/ul#	95
7) 2-Methylnaphthalene	12.439	142	4475	0.105	ng/ul	98
8) 1-Methylnaphthalene	12.659	142	3687	0.083	ng/ul	98
10) Acenaphthylene	14.327	152	35390	0.651	ng/ul	99
11) Acenaphthene	14.670	153	7983	0.171	ng/ul	99
12) Fluorene	15.655	166	8001	0.154	ng/ul#	96
15) Phenanthrene	17.391	178	292066	3.618	ng/ul	99
16) Anthracene	17.484	178	54717	0.800	ng/ul	100
19) Fluoranthene	19.408	202	980999	12.106	ng/ul	96
20) Pyrene	19.765	202	816875	9.702	ng/ul	99
21) Benzo(a)anthracene	21.512	228	388756	5.536	ng/ul	98
22) Chrysene	21.565	228	421139	5.678	ng/ul	97
24) Benzo(b)fluoranthene	23.213	252	626984	7.032	ng/ul	91
26) Benzo(a)pyrene	23.845	252	417655	5.708	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.471	276	340347	3.675	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.481	278	81899	1.102	ng/ul#	92
29) Benzo(g,h,i)perylene	27.252	276	301650	3.900	ng/ul	98

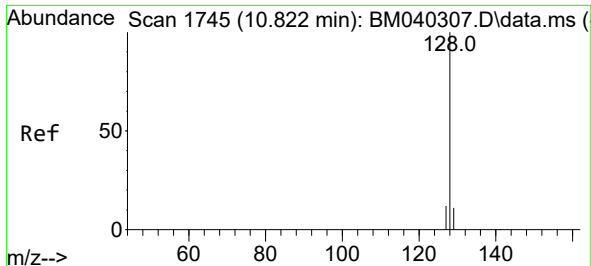
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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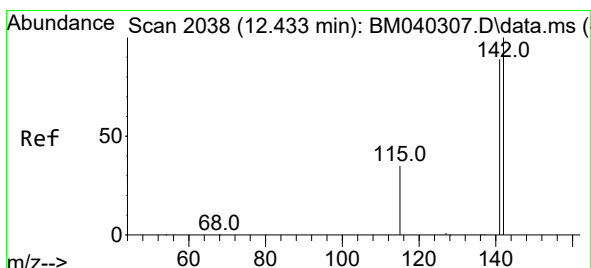
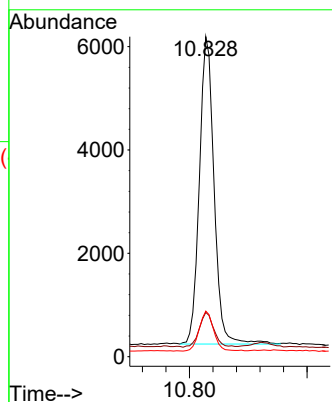
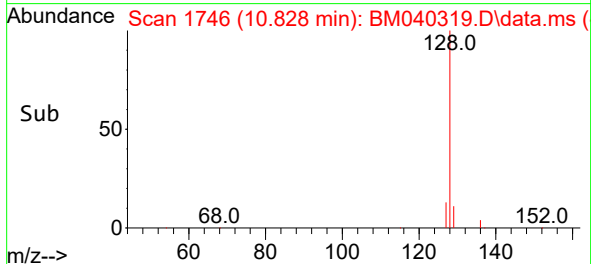
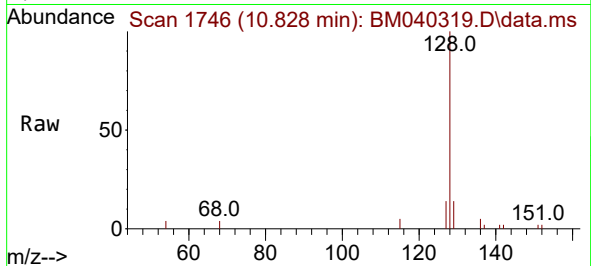




#5
Naphthalene
Concen: 0.151 ng/ul
RT: 10.828 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM040319.D
Acq: 19 Jun 2023 17:59

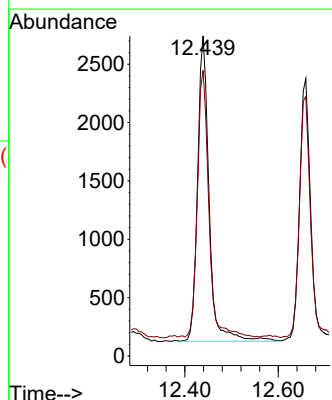
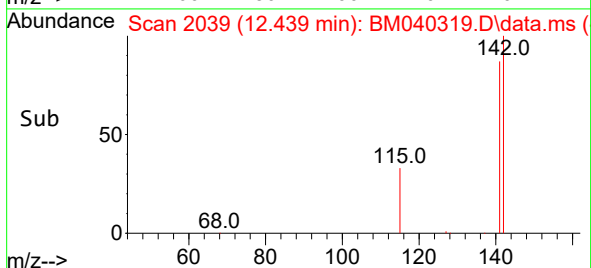
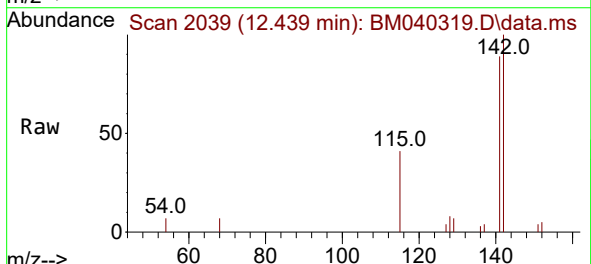
Instrument :
BNA_M
ClientSampleId :
DCFJ1DL

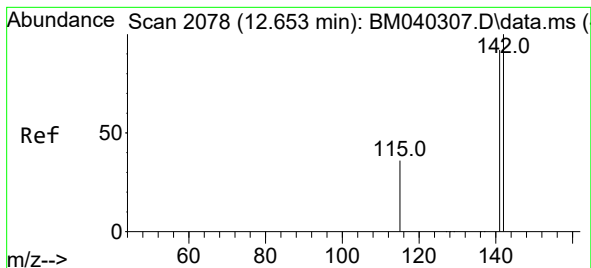
Tgt Ion:128 Resp: 10335
Ion Ratio Lower Upper
128 100
129 13.9 9.1 13.7#
127 14.2 10.4 15.6



#7
2-Methylnaphthalene
Concen: 0.105 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BM040319.D
Acq: 19 Jun 2023 17:59

Tgt Ion:142 Resp: 4475
Ion Ratio Lower Upper
142 100
141 86.4 70.6 106.0

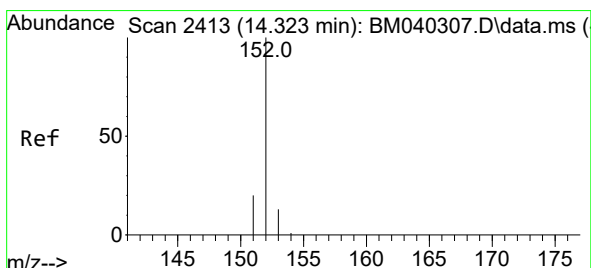
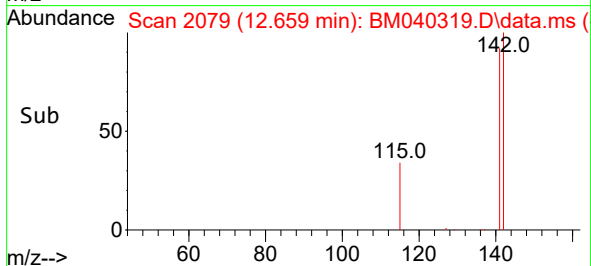
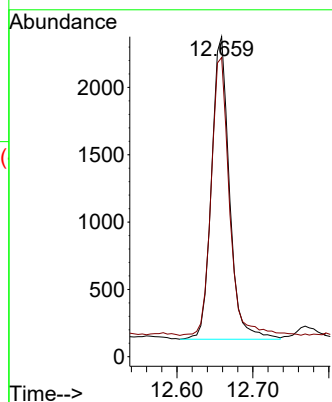
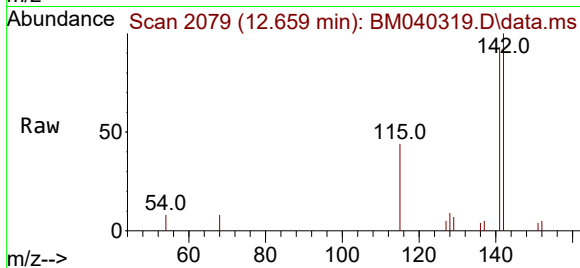




#8
1-Methylnaphthalene
Concen: 0.083 ng/ul
RT: 12.659 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BM040319.D
Acq: 19 Jun 2023 17:59

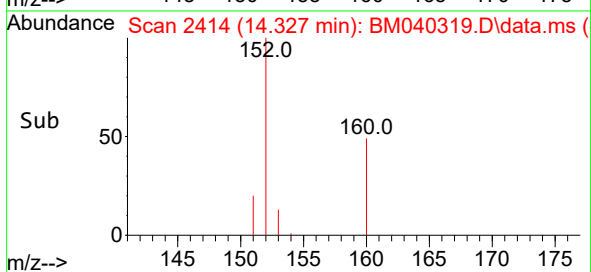
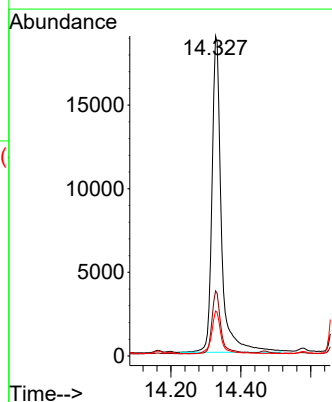
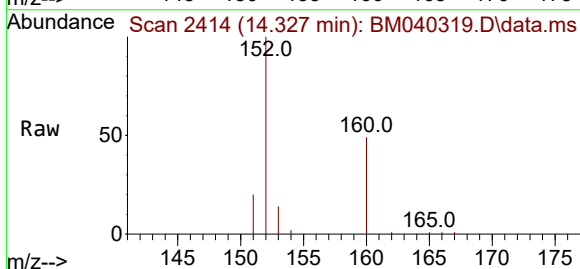
Instrument :
BNA_M
ClientSampleId :
DCFJ1DL

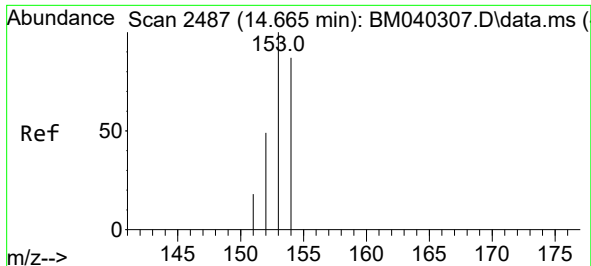
Tgt Ion:142 Resp: 3687
Ion Ratio Lower Upper
142 100
141 93.1 73.0 109.4



#10
Acenaphthylene
Concen: 0.651 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040319.D
Acq: 19 Jun 2023 17:59

Tgt Ion:152 Resp: 35390
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.1 10.7 16.1

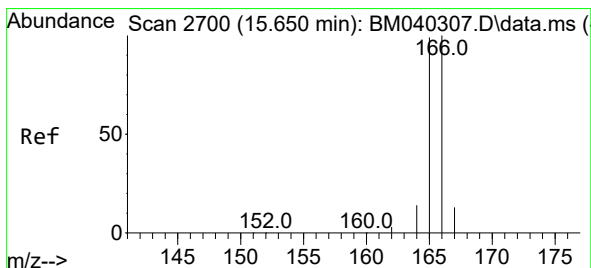
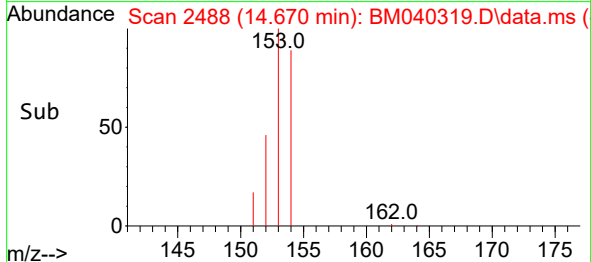
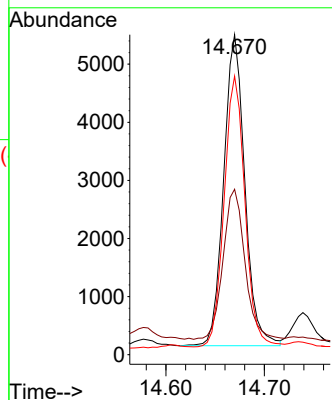
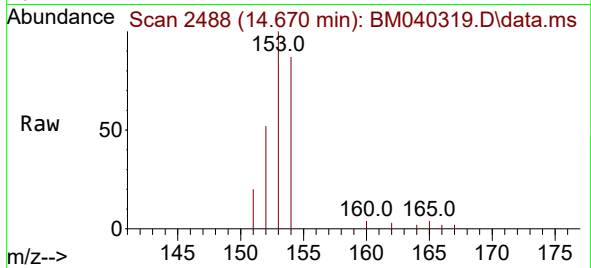




#11
Acenaphthene
Concen: 0.171 ng/ul
RT: 14.670 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BM040319.D
Acq: 19 Jun 2023 17:59

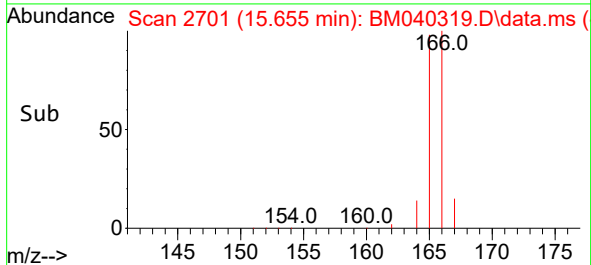
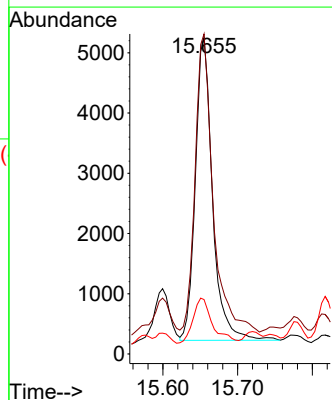
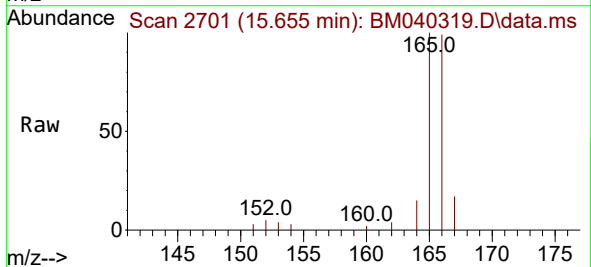
Instrument :
BNA_M
ClientSampleId :
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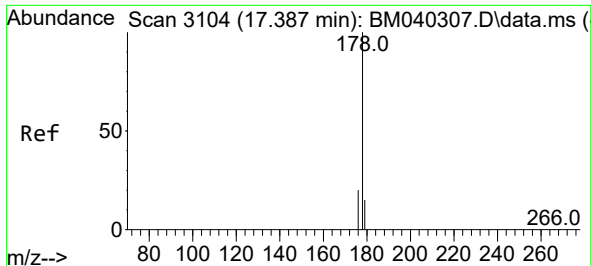
Tgt Ion:153 Resp: 7983
Ion Ratio Lower Upper
153 100
152 51.7 40.3 60.5
154 87.1 70.5 105.7



#12
Fluorene
Concen: 0.154 ng/ul
RT: 15.655 min Scan# 2701
Delta R.T. -0.005 min
Lab File: BM040319.D
Acq: 19 Jun 2023 17:59

Tgt Ion:166 Resp: 8001
Ion Ratio Lower Upper
166 100
165 101.2 78.2 117.4
167 17.2 11.0 16.4#

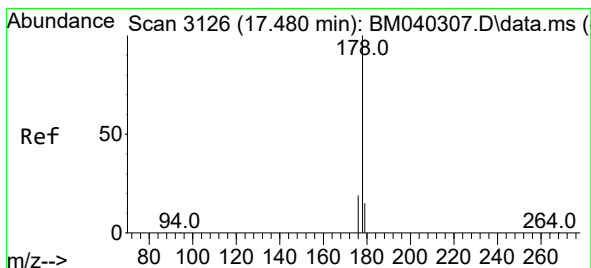
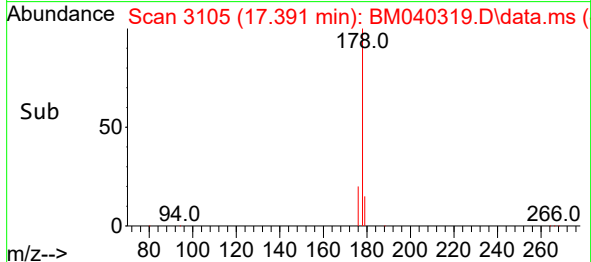
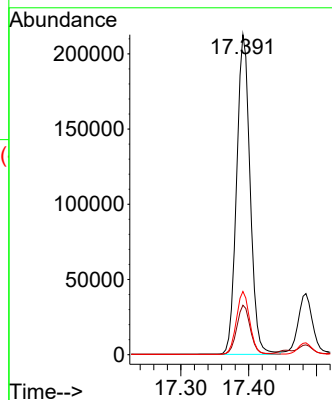
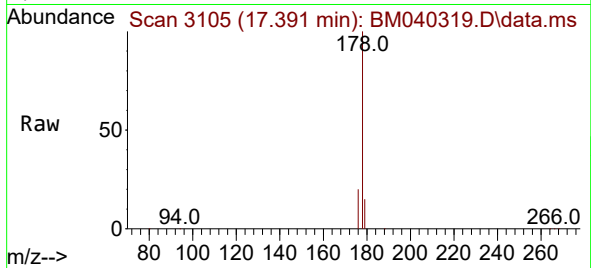




#15
Phenanthrene
Concen: 3.618 ng/ul
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040319.D
Acq: 19 Jun 2023 17:59

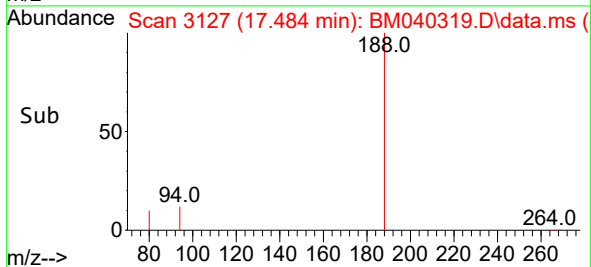
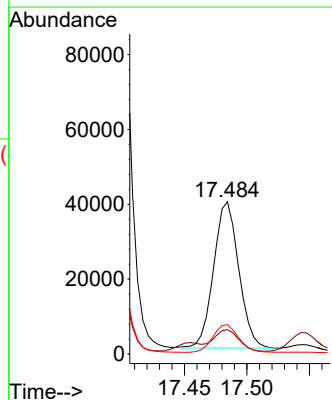
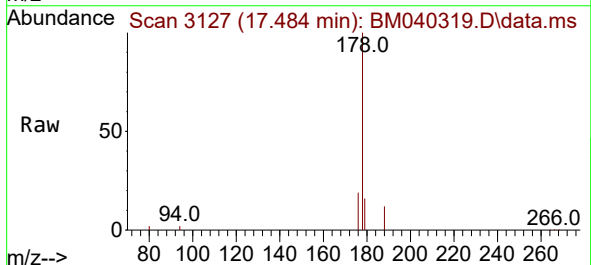
Instrument :
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DCFJ1DL

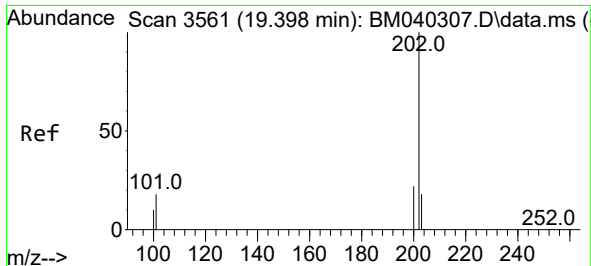
Tgt Ion:178 Resp: 292066
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.7 16.1 24.1



#16
Anthracene
Concen: 0.800 ng/ul
RT: 17.484 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM040319.D
Acq: 19 Jun 2023 17:59

Tgt Ion:178 Resp: 54717
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.4
176 19.3 15.5 23.3

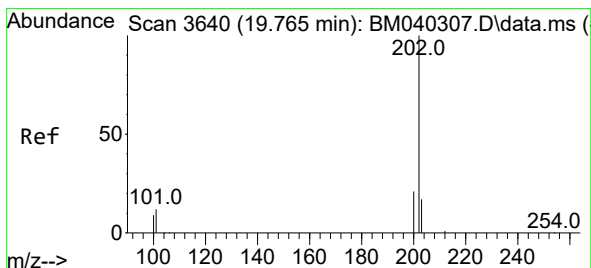
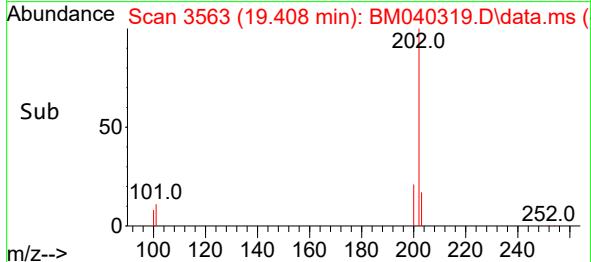
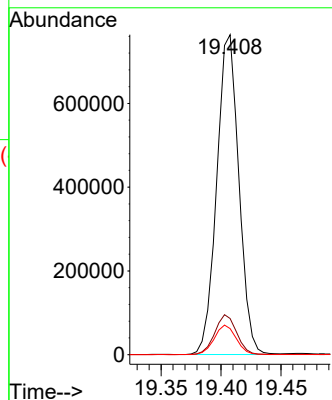
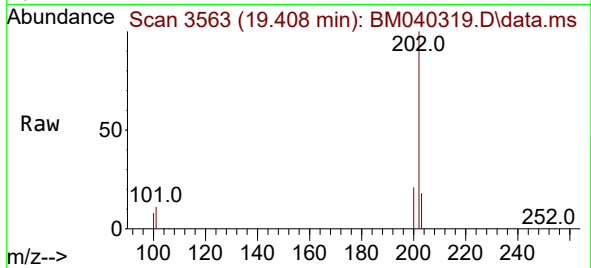




#19
Fluoranthene
Concen: 12.106 ng/ul
RT: 19.408 min Scan# 3563
Delta R.T. 0.000 min
Lab File: BM040319.D
Acq: 19 Jun 2023 17:59

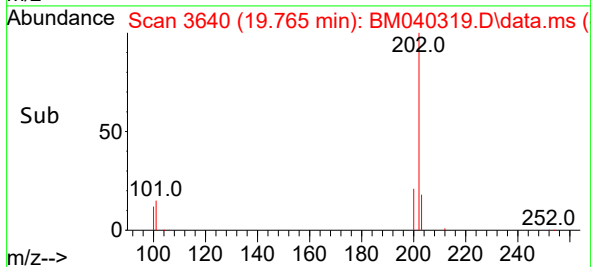
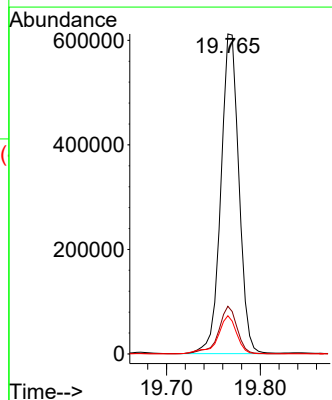
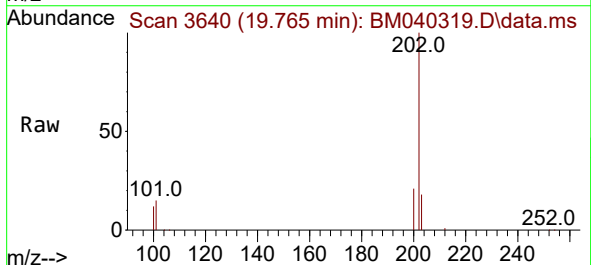
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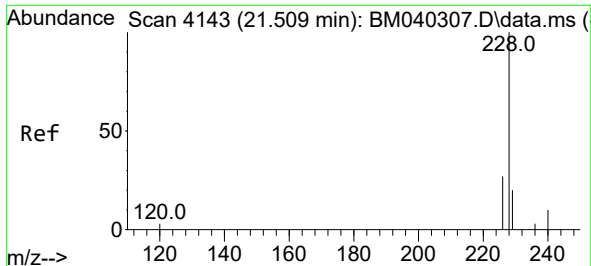
Tgt Ion:202 Resp: 980999
Ion Ratio Lower Upper
202 100
101 11.3 10.2 15.4
100 8.1 7.6 11.4



#20
Pyrene
Concen: 9.702 ng/ul
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040319.D
Acq: 19 Jun 2023 17:59

Tgt Ion:202 Resp: 816875
Ion Ratio Lower Upper
202 100
101 14.9 11.8 17.8
100 11.9 9.3 13.9

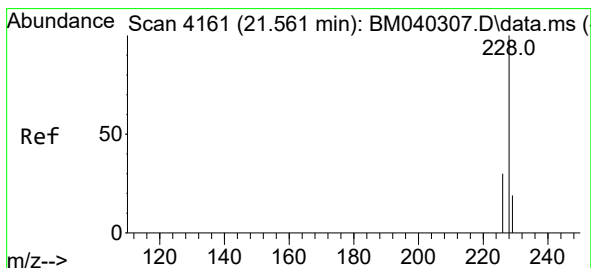
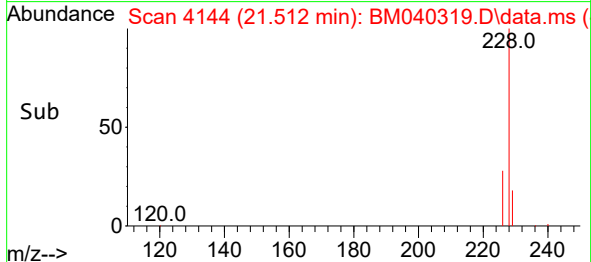
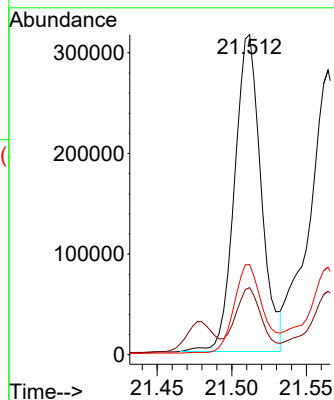
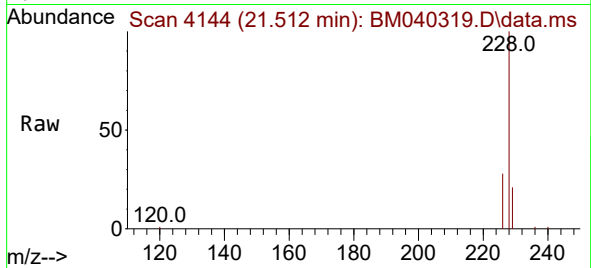




#21
Benzo(a)anthracene
Concen: 5.536 ng/ul
RT: 21.512 min Scan# 4144
Delta R.T. -0.003 min
Lab File: BM040319.D
Acq: 19 Jun 2023 17:59

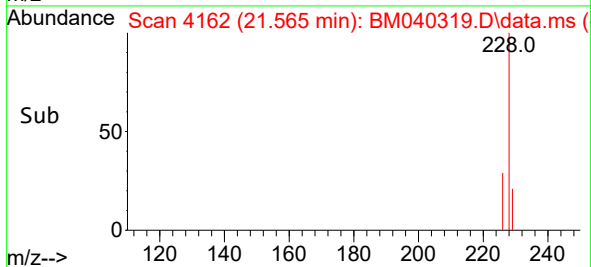
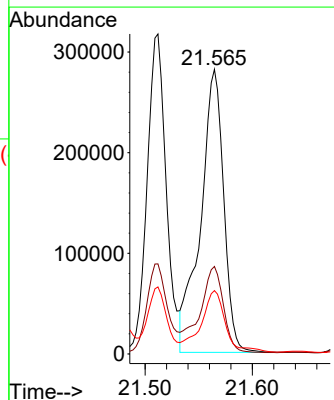
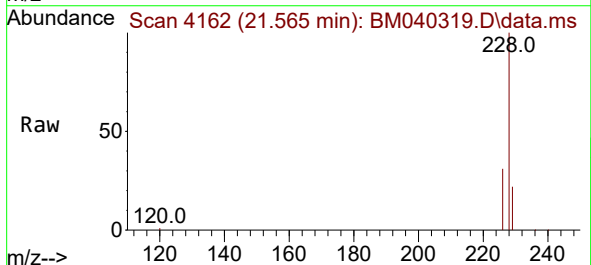
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ClientSampleId :
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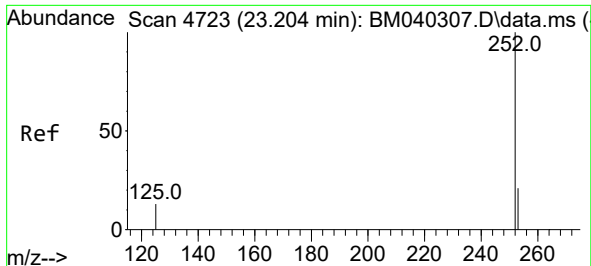
Tgt Ion:228 Resp: 388756
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.8
226 28.1 22.0 33.0



#22
Chrysene
Concen: 5.678 ng/ul
RT: 21.565 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040319.D
Acq: 19 Jun 2023 17:59

Tgt Ion:228 Resp: 421139
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 22.3 15.7 23.5

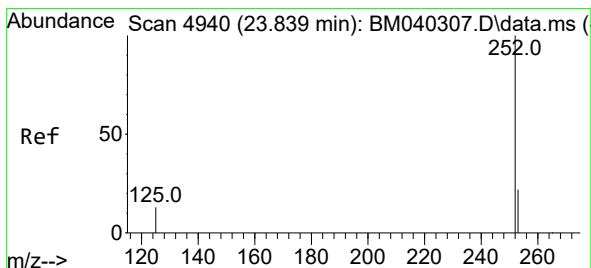
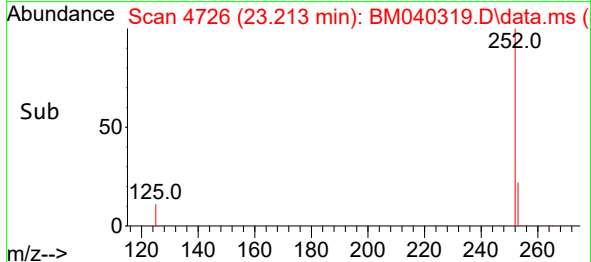
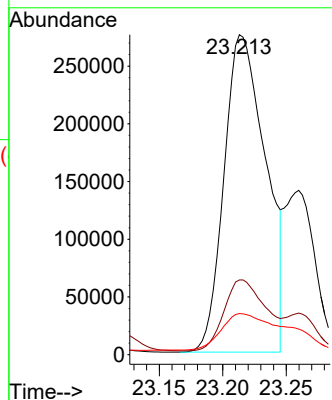
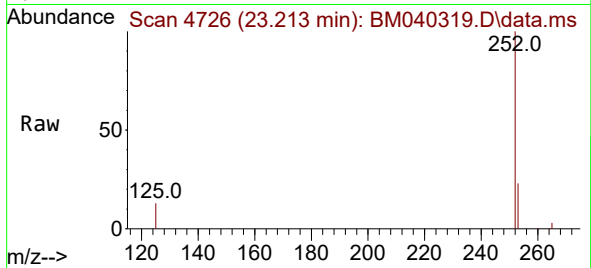




#24
Benzo(b)fluoranthene
Concen: 7.032 ng/ul
RT: 23.213 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM040319.D
Acq: 19 Jun 2023 17:59

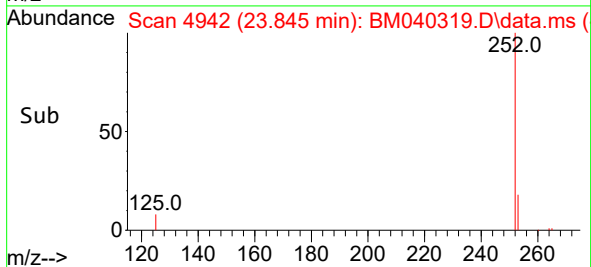
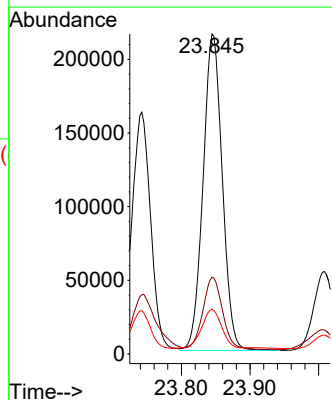
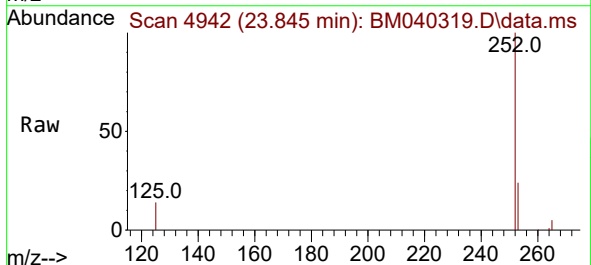
Instrument :
BNA_M
ClientSampleId :
DCFJ1DL

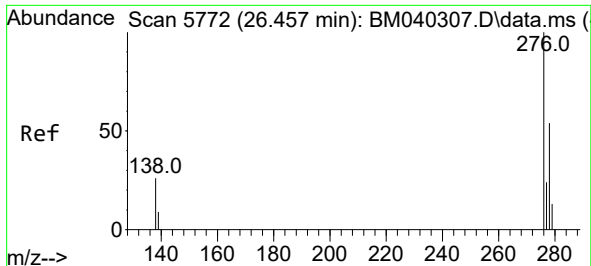
Tgt Ion:252 Resp: 626984
Ion Ratio Lower Upper
252 100
253 23.3 0.0 52.4
125 12.9 0.0 38.4



#26
Benzo(a)pyrene
Concen: 5.708 ng/ul
RT: 23.845 min Scan# 4942
Delta R.T. -0.006 min
Lab File: BM040319.D
Acq: 19 Jun 2023 17:59

Tgt Ion:252 Resp: 417655
Ion Ratio Lower Upper
252 100
253 24.0 23.4 35.0
125 14.0 19.7 29.5#

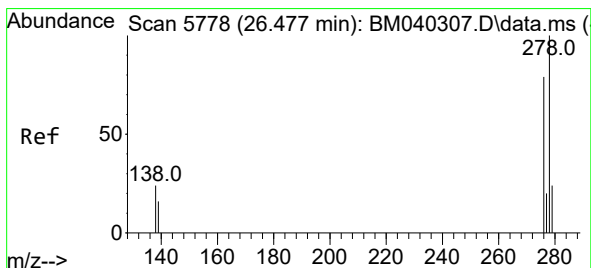
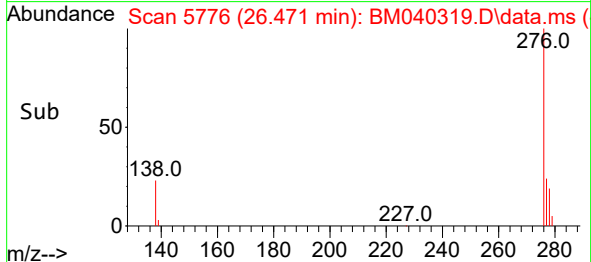
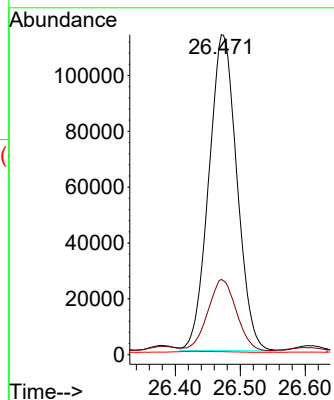
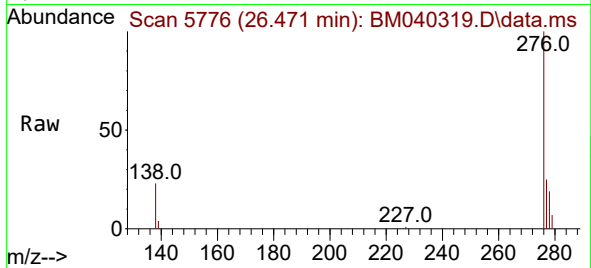




#27
Indeno(1,2,3-cd)pyrene
Concen: 3.675 ng/ul
RT: 26.471 min Scan# 5776
Delta R.T. -0.007 min
Lab File: BM040319.D
Acq: 19 Jun 2023 17:59

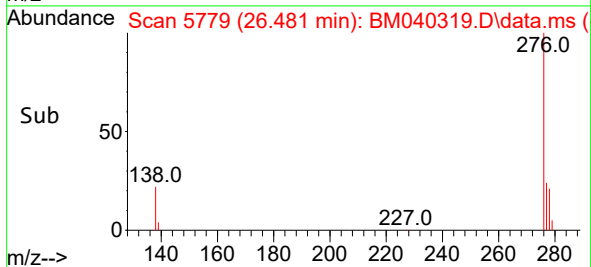
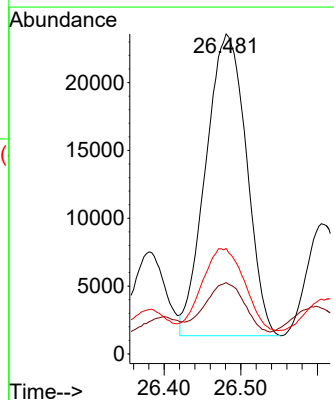
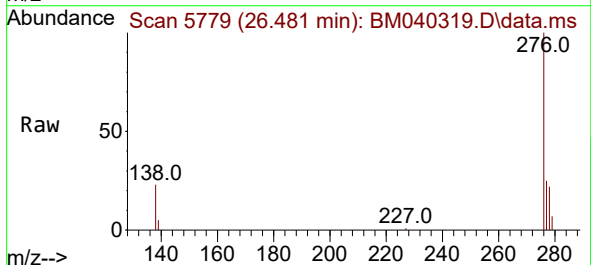
Instrument :
BNA_M
ClientSampleId :
DCFJ1DL

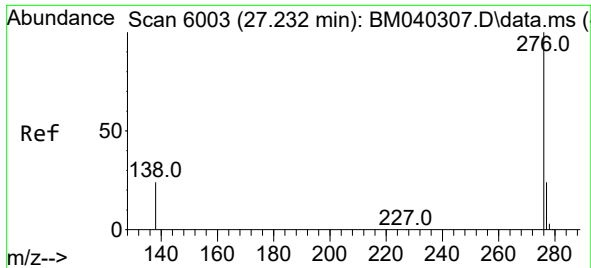
Tgt Ion:276 Resp: 340347
Ion Ratio Lower Upper
276 100
138 22.7 23.3 34.9#
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 1.102 ng/ul
RT: 26.481 min Scan# 5779
Delta R.T. -0.017 min
Lab File: BM040319.D
Acq: 19 Jun 2023 17:59

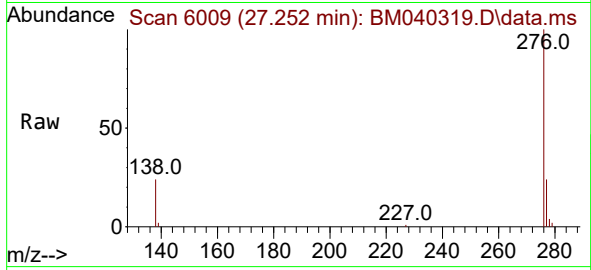
Tgt Ion:278 Resp: 81899
Ion Ratio Lower Upper
278 100
139 22.3 16.4 24.6
279 33.0 21.8 32.8#





#29
Benzo(g,h,i)perylene
Concen: 3.900 ng/ul
RT: 27.252 min Scan# 6009
Delta R.T. -0.003 min
Lab File: BM040319.D
Acq: 19 Jun 2023 17:59

Instrument :
BNA_M
ClientSampleId :
DCFJ1DL



Tgt Ion:276 Resp: 301650
Ion Ratio Lower Upper
276 100
138 24.1 21.0 31.4
277 24.4 19.6 29.4

