

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040293.D
 Acq On : 16 Jun 2023 22:42
 Operator : MA/JU
 Sample : 03080-06DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFH5DL

Quant Time: Jun 16 23:41:12 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

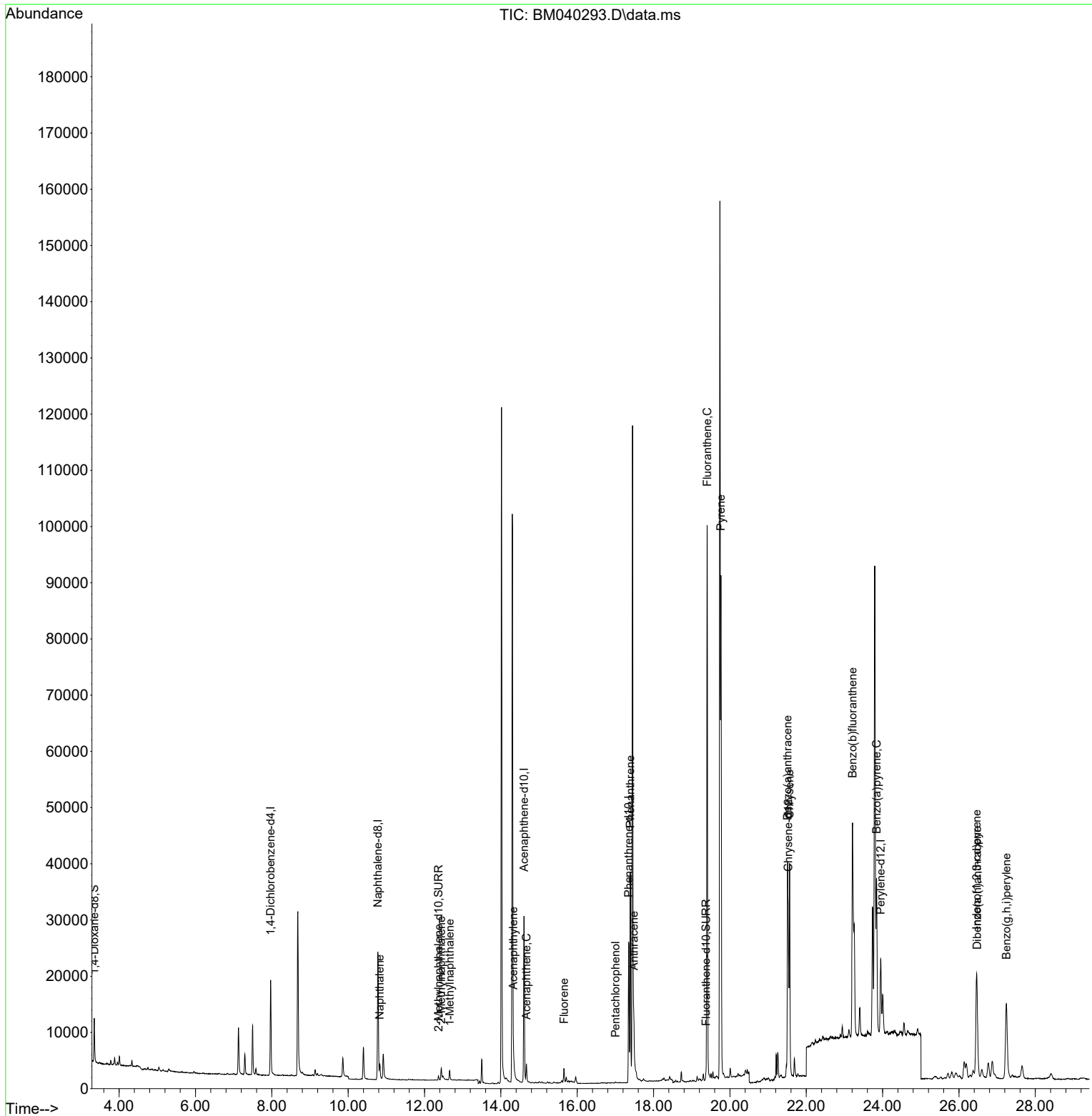
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	8964	0.400	ng/ul	0.00
4) Naphthalene-d8	10.777	136	33112	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.608	164	16614	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.348	188	29933	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	18100	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	18559	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	4869	0.440	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.366	152	1159	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	1575	0.035	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.826	128	3412	0.043	ng/ul#	89
7) 2-Methylnaphthalene	12.437	142	1819	0.037	ng/ul	97
8) 1-Methylnaphthalene	12.657	142	1240	0.024	ng/ul	99
10) Acenaphthylene	14.326	152	3720	0.064	ng/ul#	92
11) Acenaphthene	14.668	153	1791	0.036	ng/ul	97
12) Fluorene	15.654	166	1636	0.029	ng/ul#	95
14) Pentachlorophenol	17.006	266	124	0.020	ng/ul#	88
15) Phenanthrene	17.390	178	39835	0.506	ng/ul	100
16) Anthracene	17.483	178	8450	0.127	ng/ul#	93
19) Fluoranthene	19.406	202	85595	1.388	ng/ul	99
20) Pyrene	19.764	202	73683	1.150	ng/ul	98
21) Benzo(a)anthracene	21.509	228	31287	0.586	ng/ul	97
22) Chrysene	21.562	228	41653	0.738	ng/ul	97
24) Benzo(b)fluoranthene	23.210	252	64395	0.941	ng/ul	99
26) Benzo(a)pyrene	23.842	252	37651	0.671	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.461	276	32727	0.461	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.478	278	7634	0.134	ng/ul#	74
29) Benzo(g,h,i)perylene	27.242	276	30533	0.514	ng/ul	96

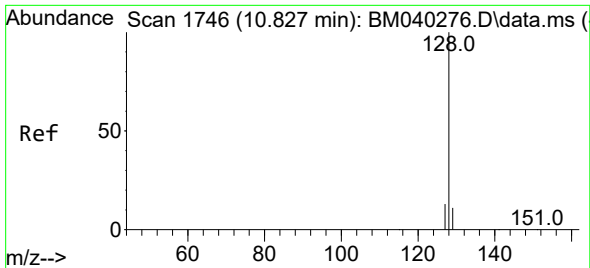
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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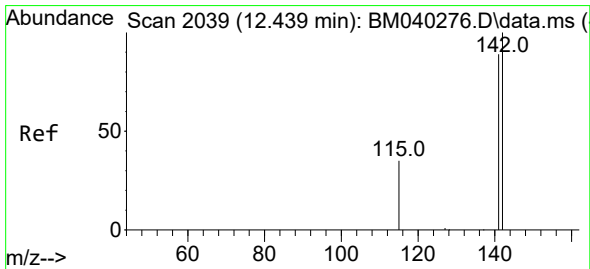
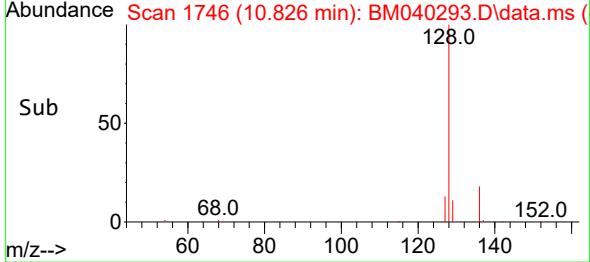
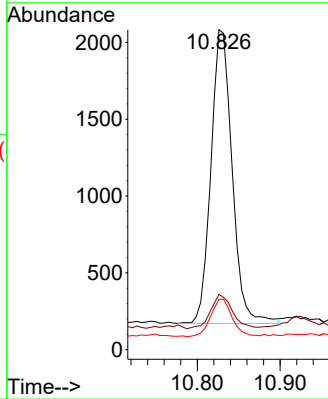
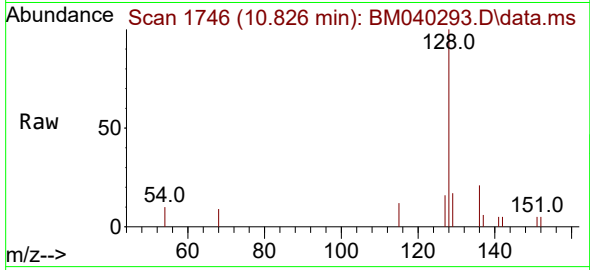




Naphthalene
 Concen: 0.043 ng/u1
 RT: 10.826 min Scan# 1746
 Delta R.T. -0.007 min
 Lab File: BM040293.D
 Acq: 16 Jun 2023 22:42

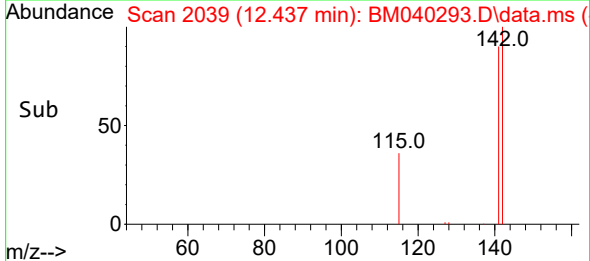
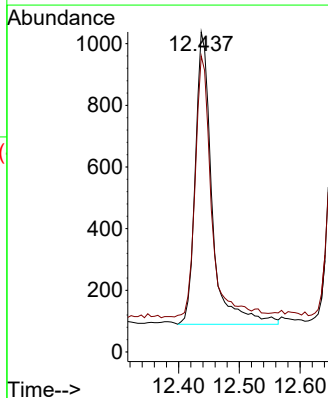
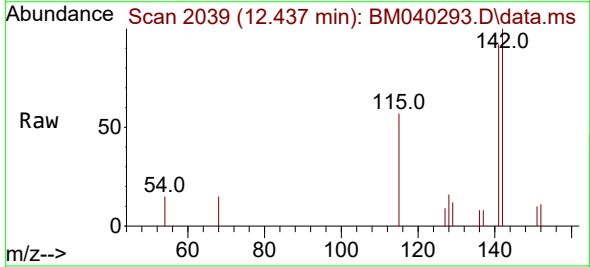
Instrument : BNA_M
 ClientSampleId : DCFH5DL

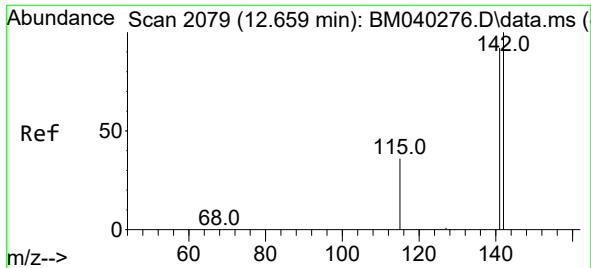
Tgt Ion:128 Resp: 3412
 Ion Ratio Lower Upper
 128 100
 129 17.3 9.1 13.7#
 127 15.8 10.4 15.6#



2-Methylnaphthalene
 Concen: 0.037 ng/u1
 RT: 12.437 min Scan# 2039
 Delta R.T. -0.007 min
 Lab File: BM040293.D
 Acq: 16 Jun 2023 22:42

Tgt Ion:142 Resp: 1819
 Ion Ratio Lower Upper
 142 100
 141 85.9 70.6 106.0



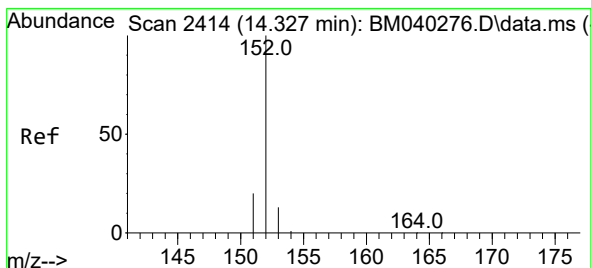
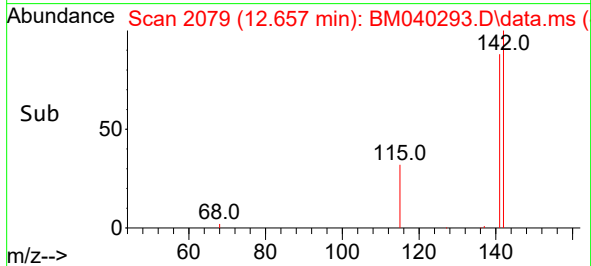
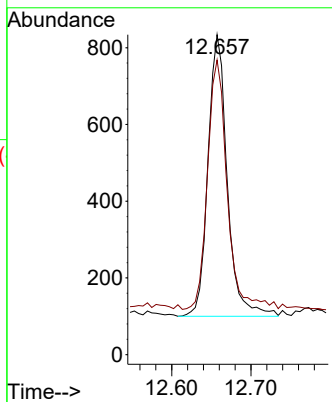
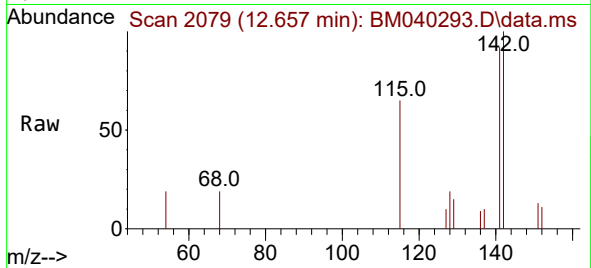


#8
 1-Methylnaphthalene
 Concen: 0.024 ng/ul
 RT: 12.657 min Scan# 2079
 Delta R.T. -0.007 min
 Lab File: BM040293.D
 Acq: 16 Jun 2023 22:42

Instrument : BNA_M
 ClientSampleId : DCFH5DL

Tgt Ion:142 Resp: 1240

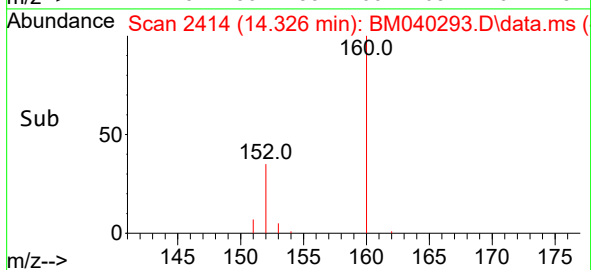
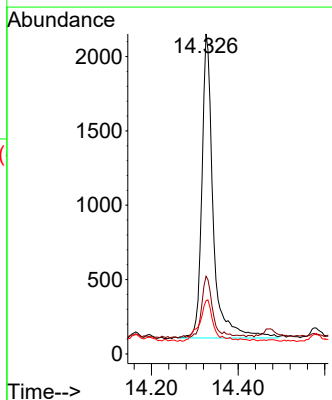
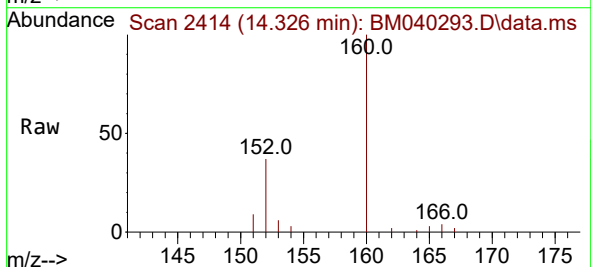
Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.0	109.4

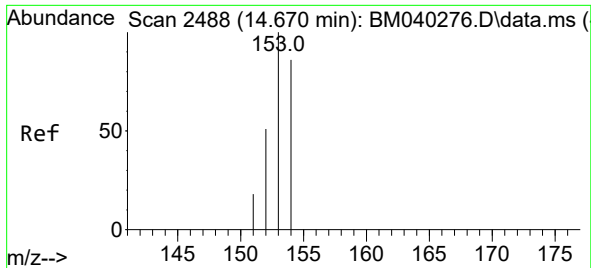


#10
 Acenaphthylene
 Concen: 0.064 ng/ul
 RT: 14.326 min Scan# 2414
 Delta R.T. -0.006 min
 Lab File: BM040293.D
 Acq: 16 Jun 2023 22:42

Tgt Ion:152 Resp: 3720

Ion	Ratio	Lower	Upper
152	100		
151	24.3	16.3	24.5
153	16.6	10.7	16.1#



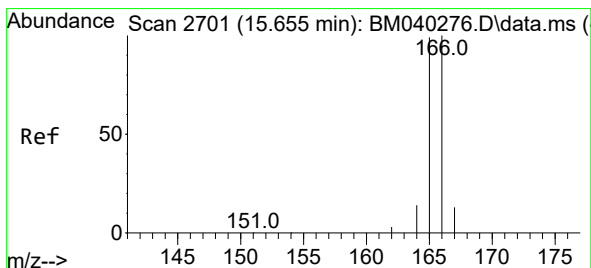
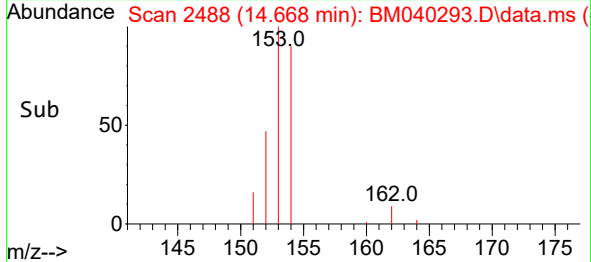
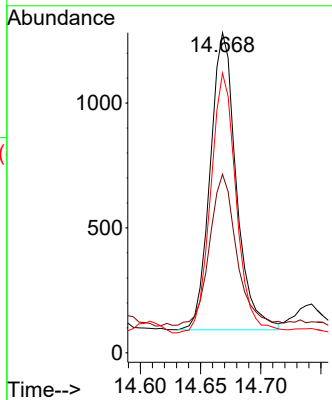
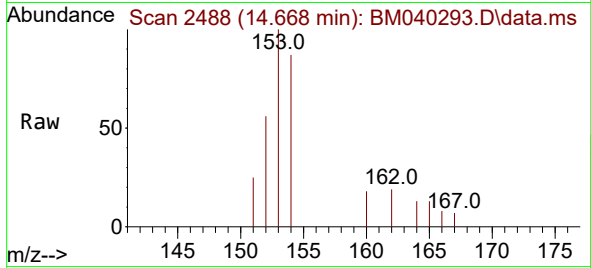


#11
 Acenaphthene
 Concen: 0.036 ng/u1
 RT: 14.668 min Scan# 2488
 Delta R.T. -0.006 min
 Lab File: BM040293.D
 Acq: 16 Jun 2023 22:42

Instrument :
 BNA_M
 ClientSampleId :
 DCFH5DL

Tgt Ion:153 Resp: 1791

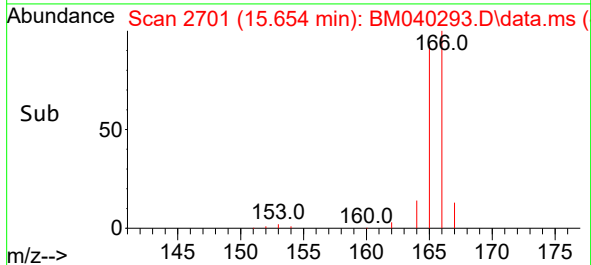
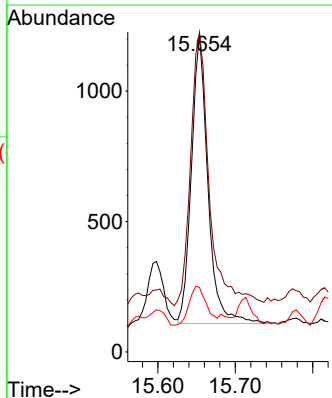
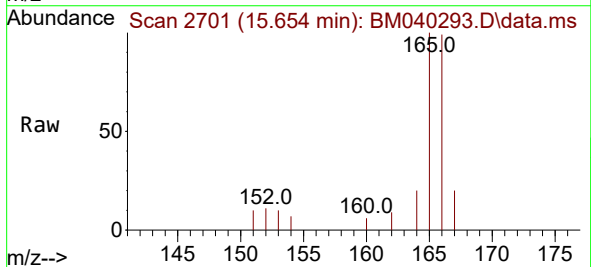
Ion	Ratio	Lower	Upper
153	100		
152	55.8	40.3	60.5
154	87.4	70.5	105.7

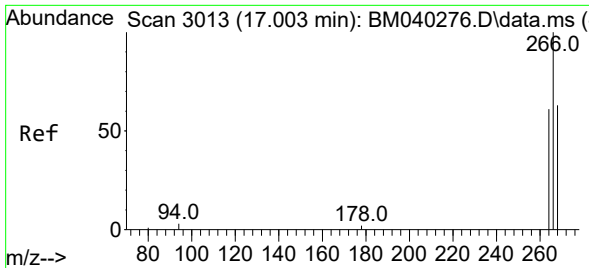


#12
 Fluorene
 Concen: 0.029 ng/u1
 RT: 15.654 min Scan# 2701
 Delta R.T. -0.006 min
 Lab File: BM040293.D
 Acq: 16 Jun 2023 22:42

Tgt Ion:166 Resp: 1636

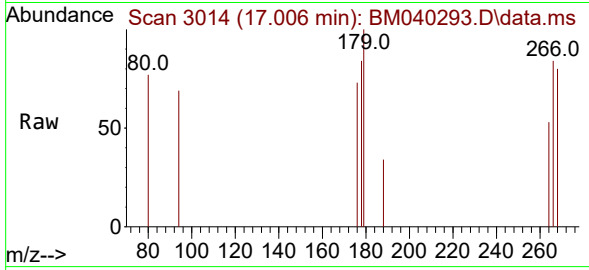
Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.2	117.4
167	20.3	11.0	16.4



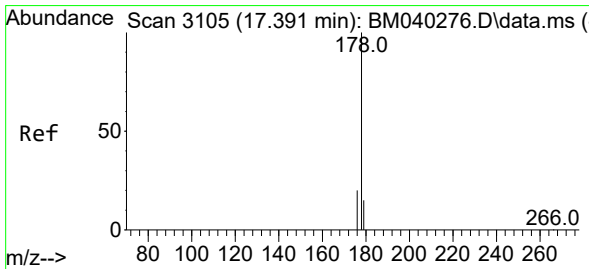
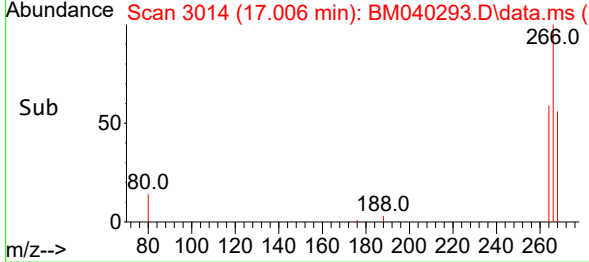
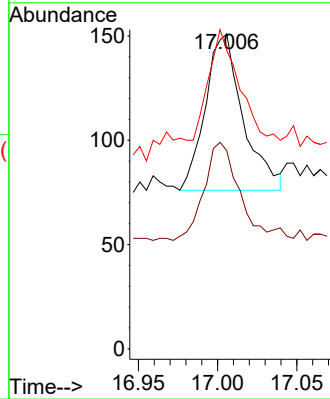


#14
 Pentachlorophenol
 Concen: 0.020 ng/u1
 RT: 17.006 min Scan# 3014
 Delta R.T. -0.001 min
 Lab File: BM040293.D
 Acq: 16 Jun 2023 22:42

Instrument : BNA_M
 ClientSampleId : DCFH5DL

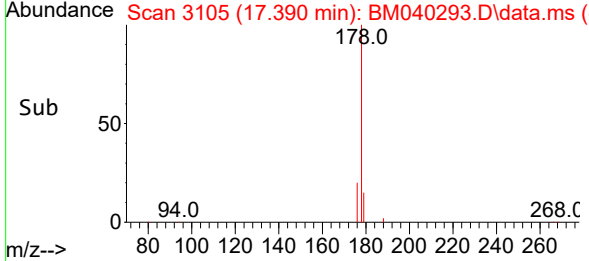
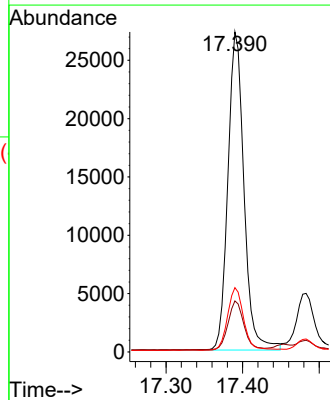
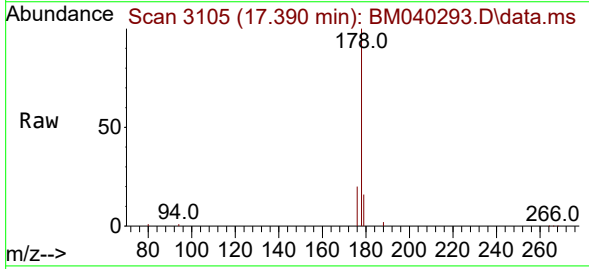


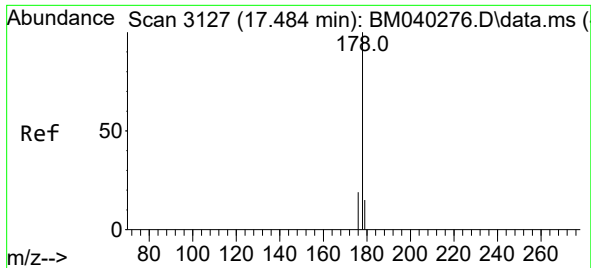
Tgt Ion:266 Resp: 124
 Ion Ratio Lower Upper
 266 100
 264 59.7 49.4 74.0
 268 79.8 51.3 76.9#



#15
 Phenanthrene
 Concen: 0.506 ng/u1
 RT: 17.390 min Scan# 3105
 Delta R.T. -0.006 min
 Lab File: BM040293.D
 Acq: 16 Jun 2023 22:42

Tgt Ion:178 Resp: 39835
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.6 19.0
 176 20.1 16.1 24.1

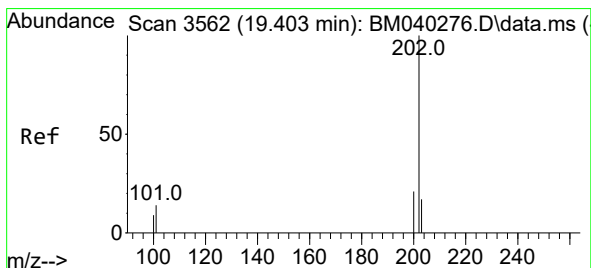
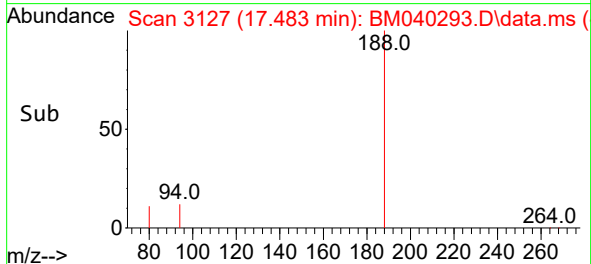
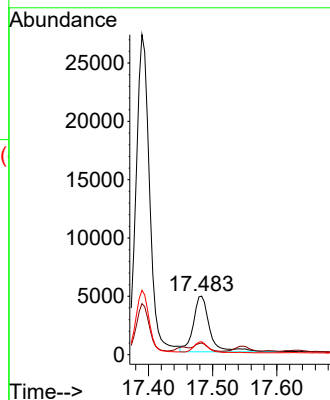
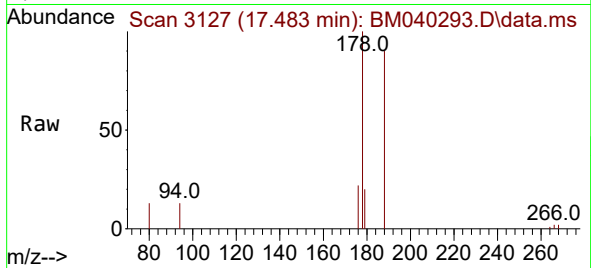




#16
 Anthracene
 Concen: 0.127 ng/u1
 RT: 17.483 min Scan# 3127
 Delta R.T. -0.006 min
 Lab File: BM040293.D
 Acq: 16 Jun 2023 22:42

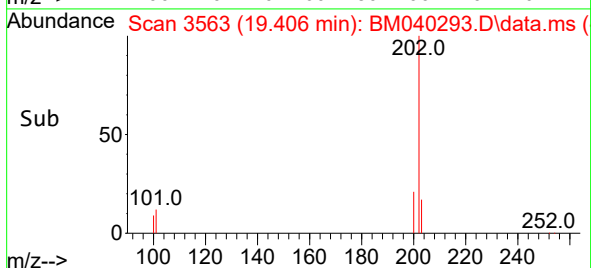
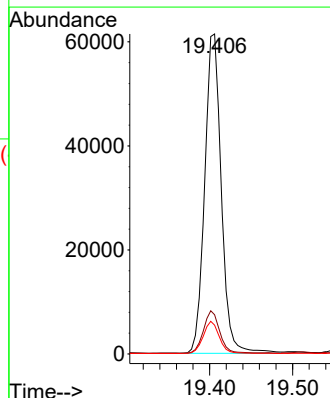
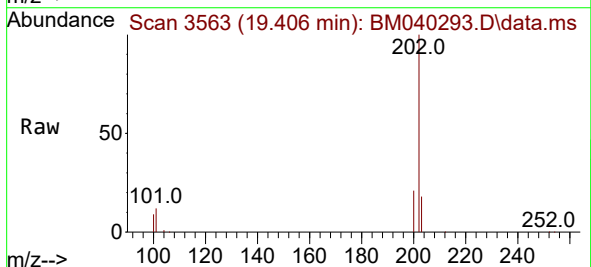
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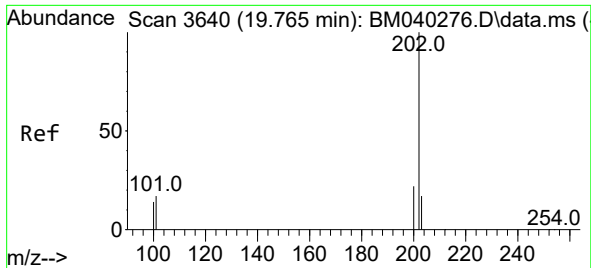
Tgt Ion:178 Resp: 8450
 Ion Ratio Lower Upper
 178 100
 179 20.0 13.0 19.4#
 176 22.1 15.5 23.3



#19
 Fluoranthene
 Concen: 1.388 ng/u1
 RT: 19.406 min Scan# 3563
 Delta R.T. -0.001 min
 Lab File: BM040293.D
 Acq: 16 Jun 2023 22:42

Tgt Ion:202 Resp: 85595
 Ion Ratio Lower Upper
 202 100
 101 12.2 10.2 15.4
 100 9.0 7.6 11.4

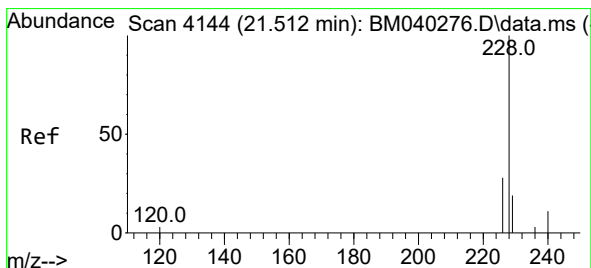
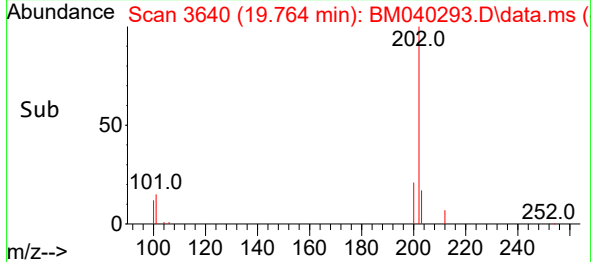
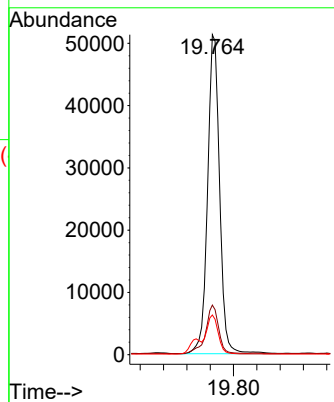
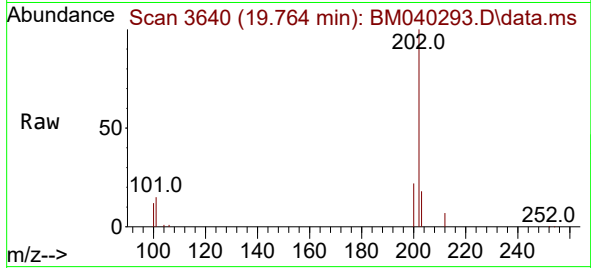




#20
 Pyrene
 Concen: 1.150 ng/uI
 RT: 19.764 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BM040293.D
 Acq: 16 Jun 2023 22:42

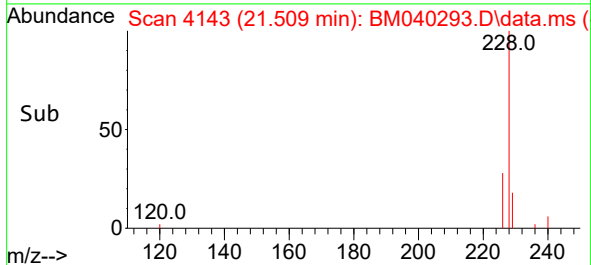
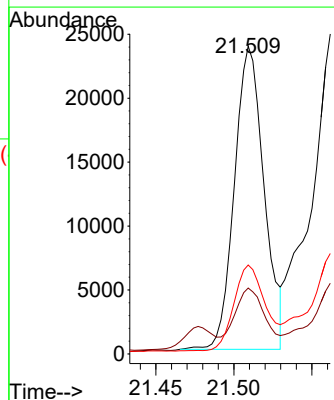
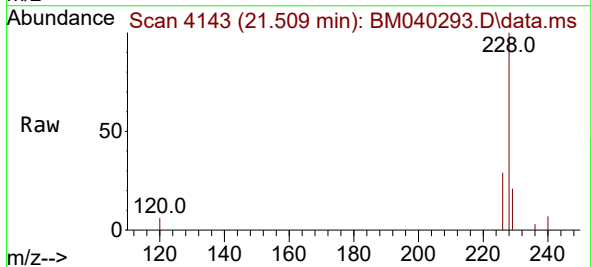
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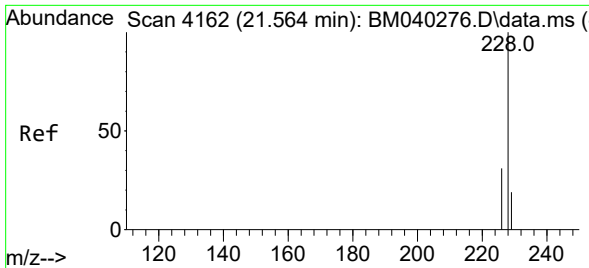
Tgt Ion:202 Resp: 73683
 Ion Ratio Lower Upper
 202 100
 101 15.5 11.8 17.8
 100 12.4 9.3 13.9



#21
 Benzo(a)anthracene
 Concen: 0.586 ng/uI
 RT: 21.509 min Scan# 4143
 Delta R.T. -0.006 min
 Lab File: BM040293.D
 Acq: 16 Jun 2023 22:42

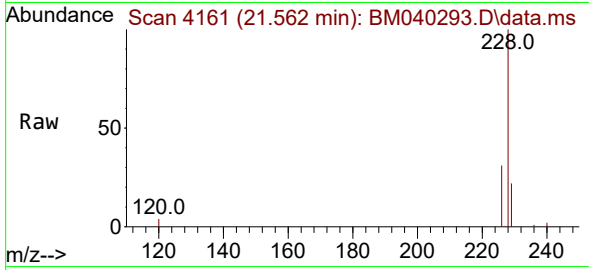
Tgt Ion:228 Resp: 31287
 Ion Ratio Lower Upper
 228 100
 229 21.4 15.8 23.8
 226 28.9 22.0 33.0



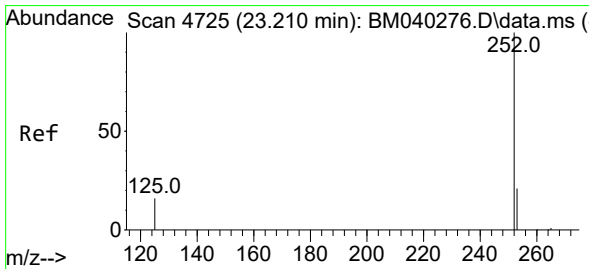
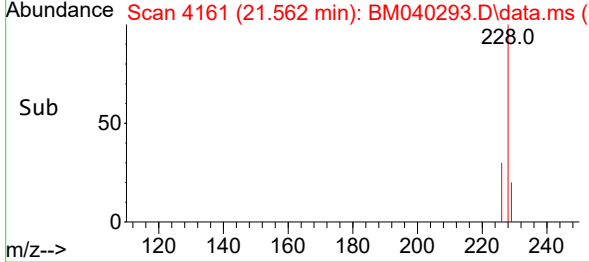
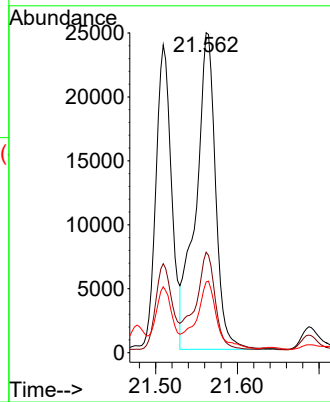


#22
 Chrysene
 Concen: 0.738 ng/u1
 RT: 21.562 min Scan# 4161
 Delta R.T. -0.008 min
 Lab File: BM040293.D
 Acq: 16 Jun 2023 22:42

Instrument :
 BNA_M
 ClientSampleId :
 DCFH5DL

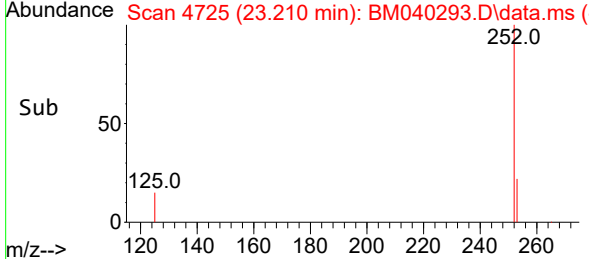
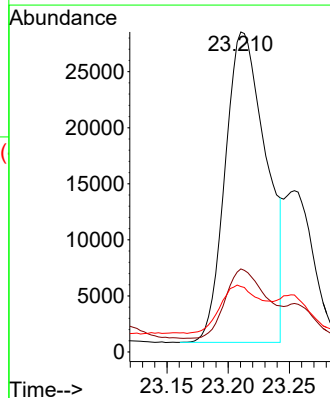
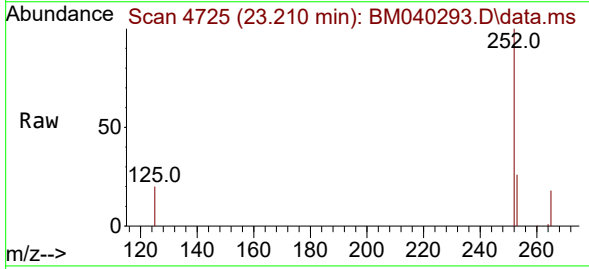


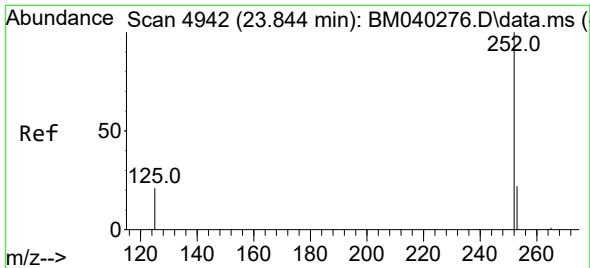
Tgt Ion:228 Resp: 41653
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.3 36.5
 229 22.1 15.7 23.5



#24
 Benzo(b)fluoranthene
 Concen: 0.941 ng/u1
 RT: 23.210 min Scan# 4725
 Delta R.T. -0.006 min
 Lab File: BM040293.D
 Acq: 16 Jun 2023 22:42

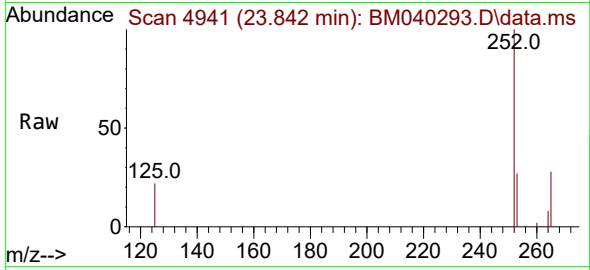
Tgt Ion:252 Resp: 64395
 Ion Ratio Lower Upper
 252 100
 253 26.0 0.0 52.4
 125 20.5 0.0 38.4



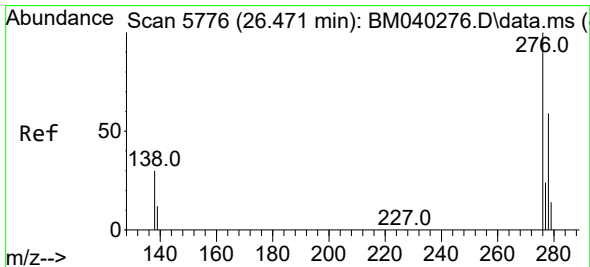
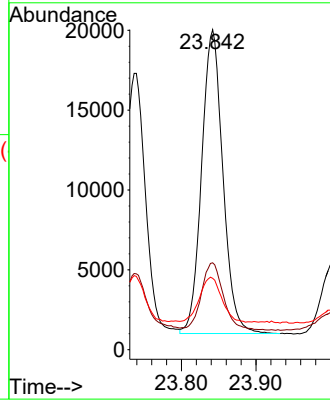
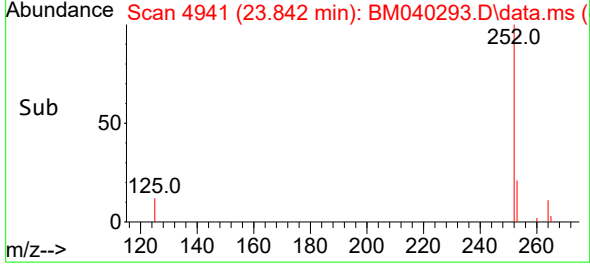


#26
 Benzo(a)pyrene
 Concen: 0.671 ng/u1
 RT: 23.842 min Scan# 4942
 Delta R.T. -0.008 min
 Lab File: BM040293.D
 Acq: 16 Jun 2023 22:42

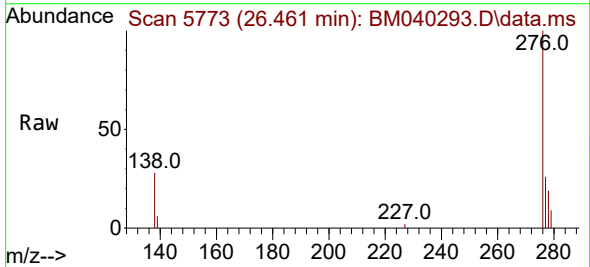
Instrument :
 BNA_M
 ClientSampleId :
 DCFH5DL



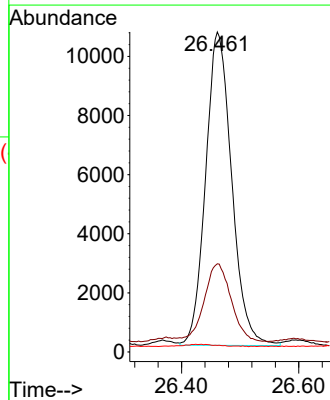
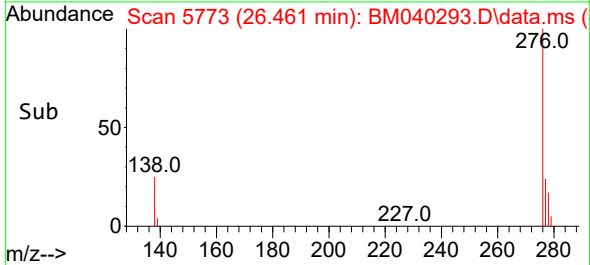
Tgt Ion:252 Resp: 37651
 Ion Ratio Lower Upper
 252 100
 253 27.2 23.4 35.0
 125 22.3 19.7 29.5

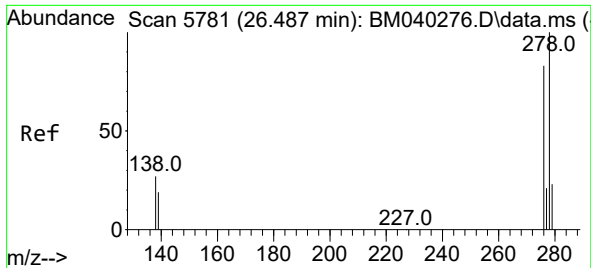


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.461 ng/u1
 RT: 26.461 min Scan# 5773
 Delta R.T. -0.017 min
 Lab File: BM040293.D
 Acq: 16 Jun 2023 22:42



Tgt Ion:276 Resp: 32727
 Ion Ratio Lower Upper
 276 100
 138 25.8 23.3 34.9
 227 0.0 0.1 0.1#

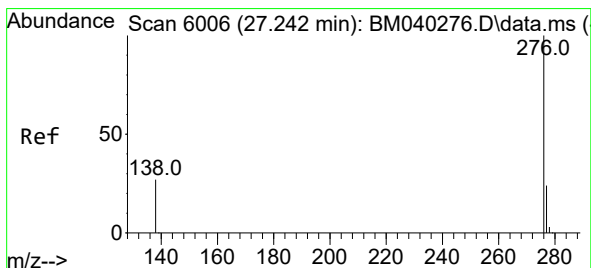
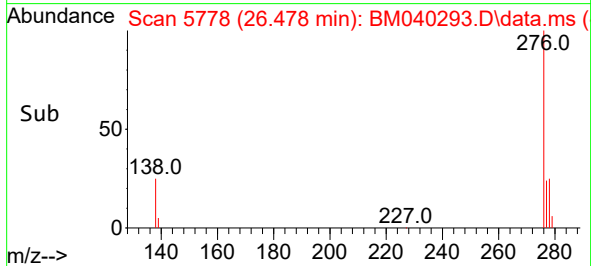
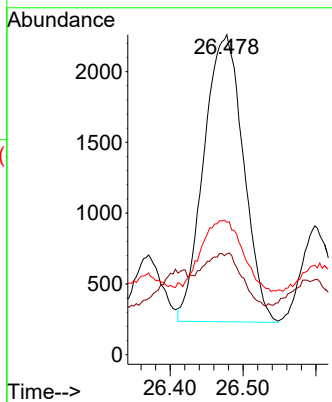
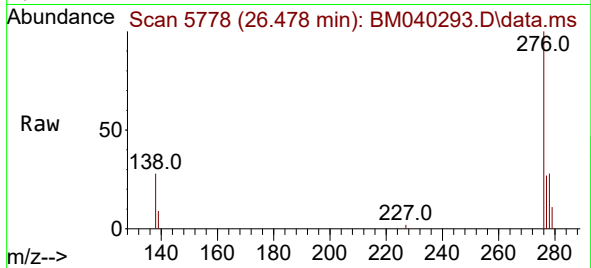




#28
 Dibenzo(a,h)anthracene
 Concen: 0.134 ng/ul
 RT: 26.478 min Scan# 5778
 Delta R.T. -0.020 min
 Lab File: BM040293.D
 Acq: 16 Jun 2023 22:42

Instrument : BNA_M
 ClientSampleId : DCFH5DL

Tgt Ion	Resp	Lower	Upper
278	100		
139	31.5	16.4	24.6#
279	41.4	21.8	32.8#



#29
 Benzo(g,h,i)perylene
 Concen: 0.514 ng/ul
 RT: 27.242 min Scan# 6006
 Delta R.T. -0.013 min
 Lab File: BM040293.D
 Acq: 16 Jun 2023 22:42

Tgt Ion	Resp	Lower	Upper
276	100		
138	28.7	21.0	31.4
277	25.7	19.6	29.4

