

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040455.D
 Acq On : 30 Jun 2023 02:02
 Operator : MA/JU
 Sample : 03143-15DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFV2DL

Quant Time: Jun 30 03:08:47 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)

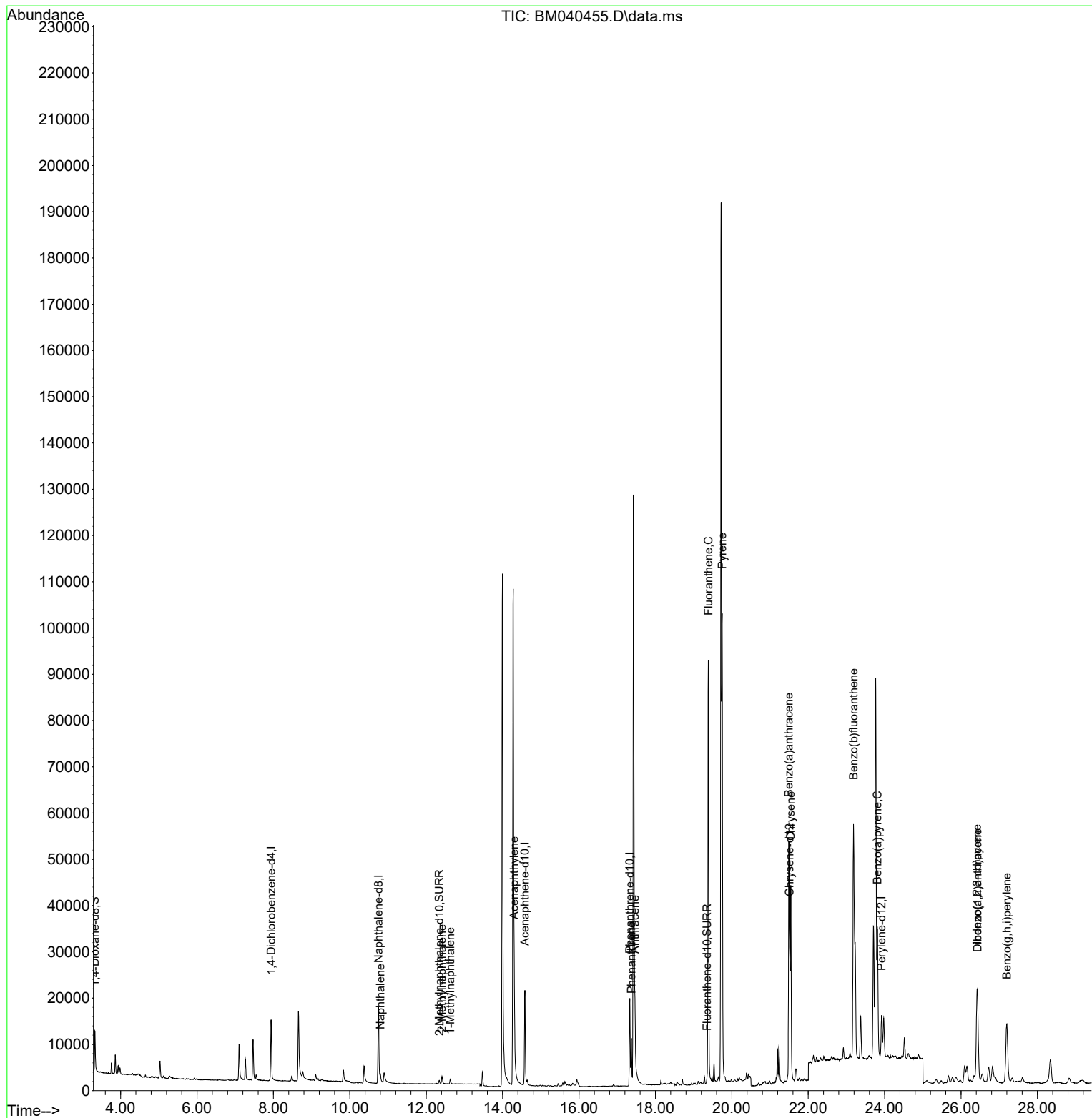
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	7233	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	26395	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.582	164	12375	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	23650	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	14376	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	12917	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	5582	0.491	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	1306	0.035	ng/ul	-0.01
18) Fluoranthene-d10	19.352	212	1961	0.043	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.800	128	2208	0.030	ng/ul#	80
7) 2-Methylnaphthalene	12.411	142	1476	0.035	ng/ul	96
8) 1-Methylnaphthalene	12.631	142	912	0.021	ng/ul	98
10) Acenaphthylene	14.304	152	21595	0.391	ng/ul	100
15) Phenanthrene	17.370	178	11372	0.155	ng/ul	98
16) Anthracene	17.463	178	15330	0.248	ng/ul	98
19) Fluoranthene	19.384	202	83285	1.364	ng/ul	96
20) Pyrene	19.747	202	86530	1.322	ng/ul	99
21) Benzo(a)anthracene	21.491	228	44598	0.917	ng/ul	97
22) Chrysene	21.544	228	51657	0.931	ng/ul	98
24) Benzo(b)fluoranthene	23.187	252	89557	1.792	ng/ul	93
26) Benzo(a)pyrene	23.812	252	39869	0.885	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.420	276	38127	0.608	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.434	278	9825	0.200	ng/ul#	85
29) Benzo(g,h,i)perylene	27.198	276	31581	0.575	ng/ul	98

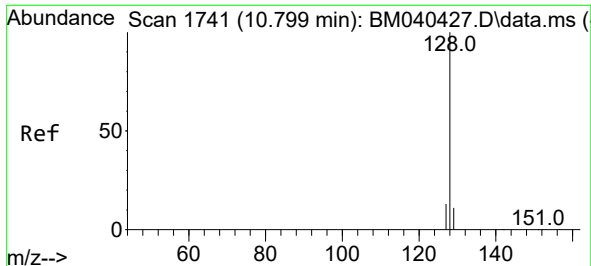
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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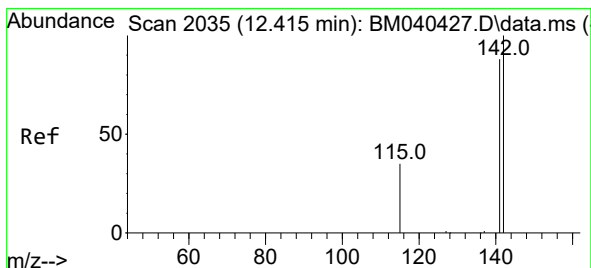
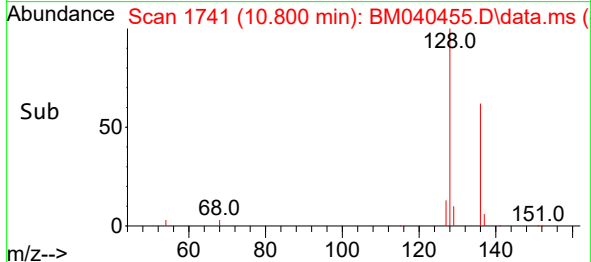
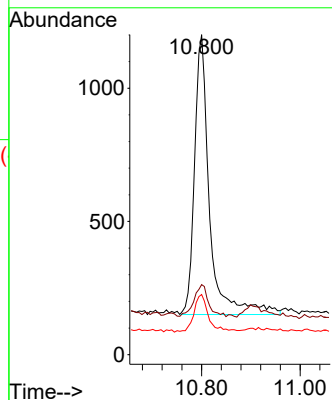
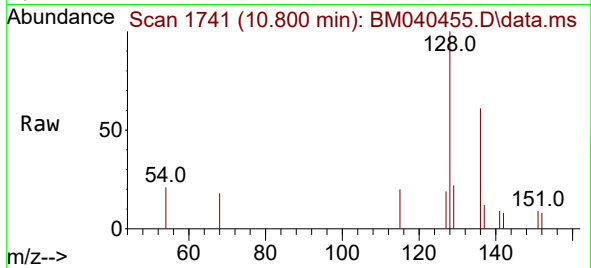




#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.800 min Scan# 1741
Delta R.T. -0.011 min
Lab File: BM040455.D
Acq: 30 Jun 2023 02:02

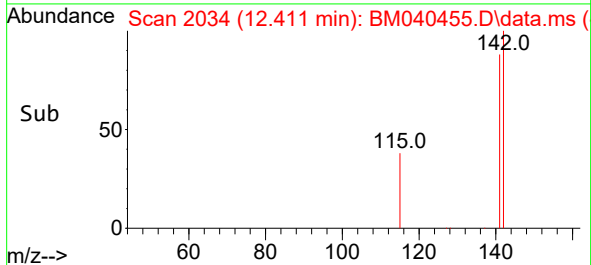
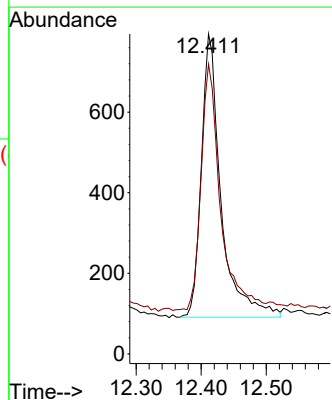
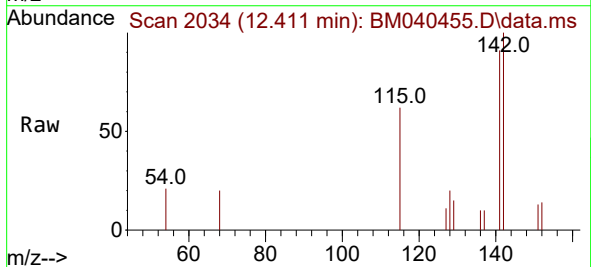
Instrument :
BNA_M
ClientSampleId :
DCFV2DL

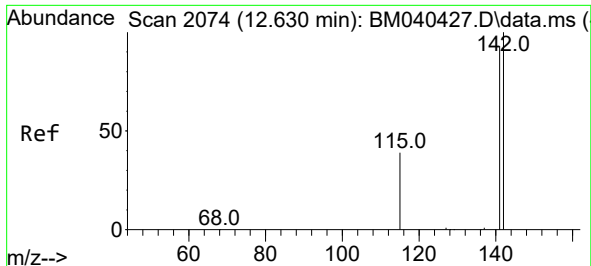
Tgt Ion:128 Resp: 2208
Ion Ratio Lower Upper
128 100
129 21.9 9.2 13.8#
127 18.8 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BM040455.D
Acq: 30 Jun 2023 02:02

Tgt Ion:142 Resp: 1476
Ion Ratio Lower Upper
142 100
141 86.4 71.9 107.9

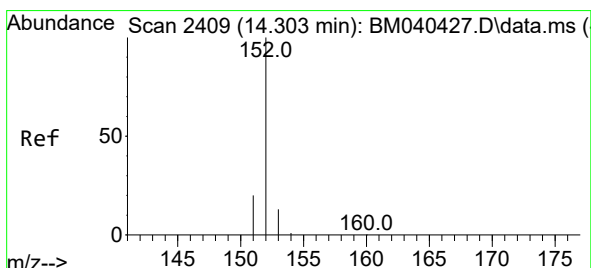
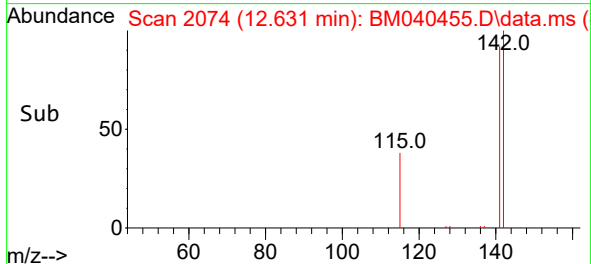
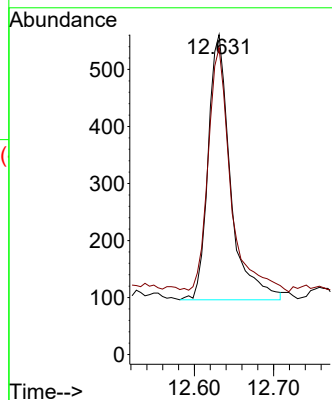
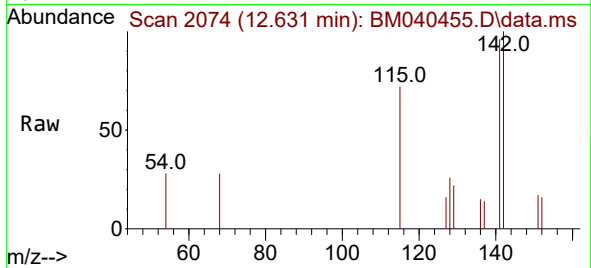




#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.631 min Scan# 2074
Delta R.T. -0.011 min
Lab File: BM040455.D
Acq: 30 Jun 2023 02:02

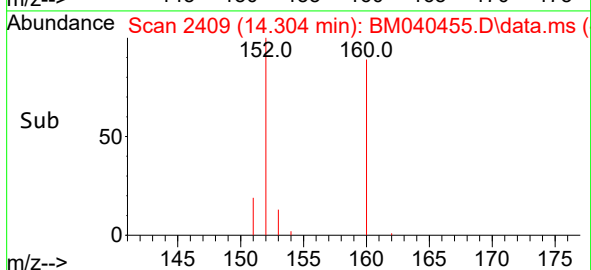
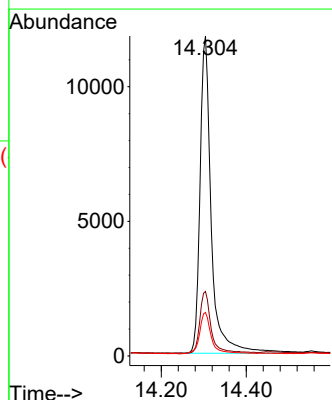
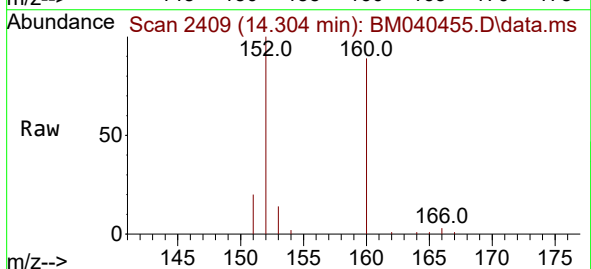
Instrument :
BNA_M
ClientSampleId :
DCFV2DL

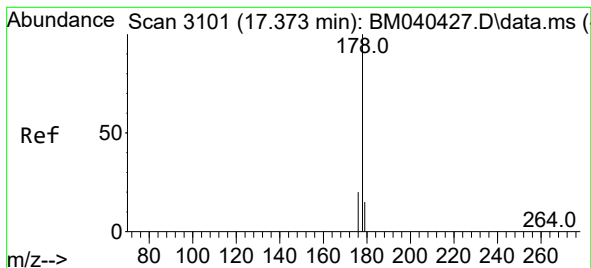
Tgt Ion:142 Resp: 912
Ion Ratio Lower Upper
142 100
141 89.8 73.7 110.5



#10
Acenaphthylene
Concen: 0.391 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040455.D
Acq: 30 Jun 2023 02:02

Tgt Ion:152 Resp: 21595
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.6 10.9 16.3





#15

Phenanthrene

Concen: 0.155 ng/ul

RT: 17.370 min Scan# 3101

Delta R.T. -0.009 min

Lab File: BM040455.D

Acq: 30 Jun 2023 02:02

Instrument :

BNA_M

ClientSampleId :

DCFV2DL

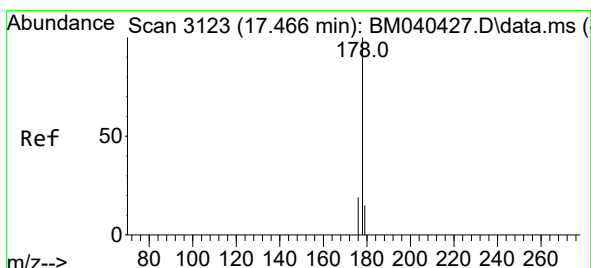
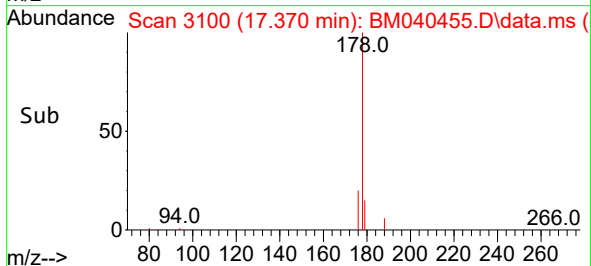
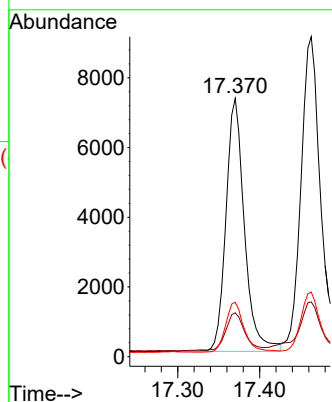
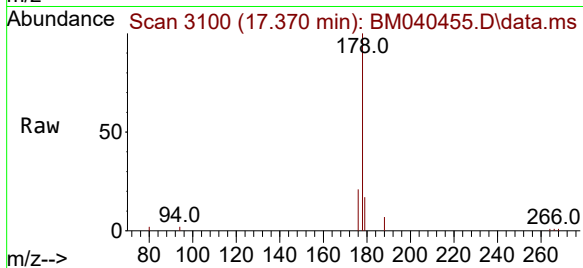
Tgt Ion:178 Resp: 11372

Ion Ratio Lower Upper

178 100

179 17.0 12.8 19.2

176 21.1 16.4 24.6



#16

Anthracene

Concen: 0.248 ng/ul

RT: 17.463 min Scan# 3122

Delta R.T. -0.009 min

Lab File: BM040455.D

Acq: 30 Jun 2023 02:02

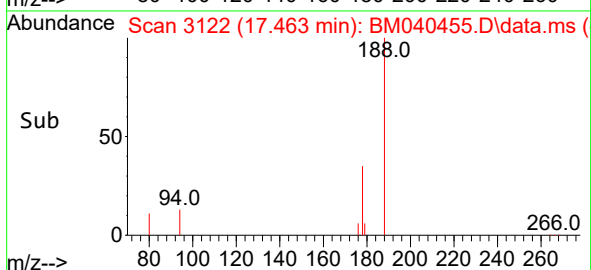
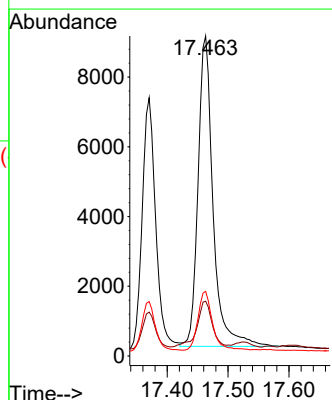
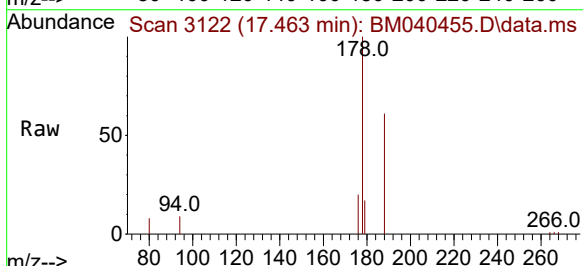
Tgt Ion:178 Resp: 15330

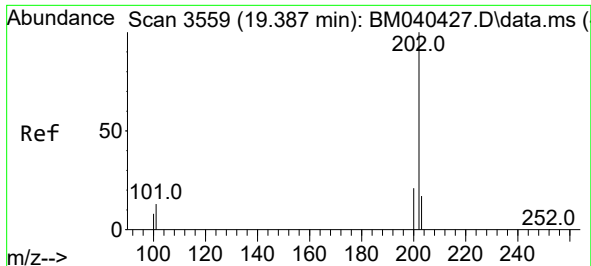
Ion Ratio Lower Upper

178 100

179 17.1 12.9 19.3

176 20.2 15.8 23.6

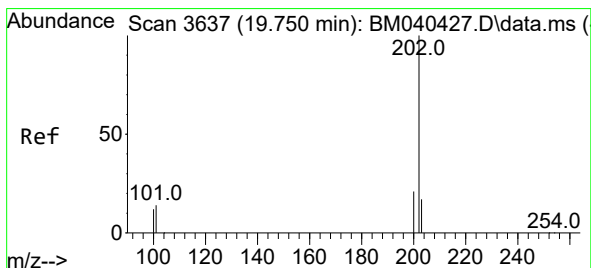
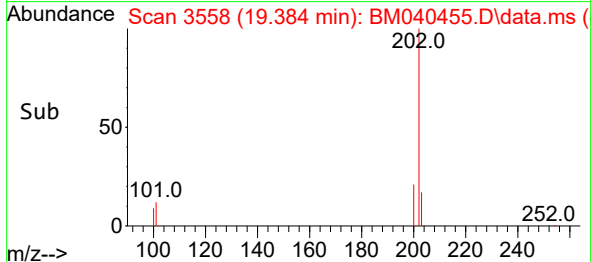
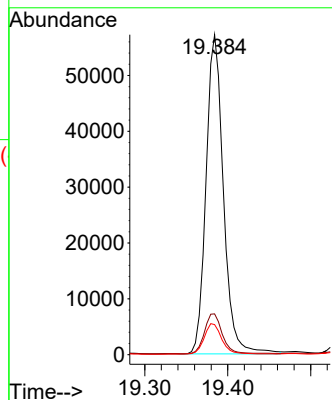
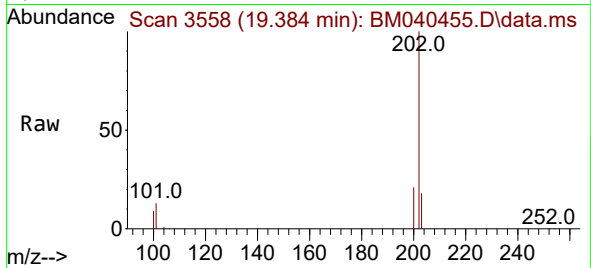




#19
Fluoranthene
Concen: 1.364 ng/ul
RT: 19.384 min Scan# 3558
Delta R.T. -0.005 min
Lab File: BM040455.D
Acq: 30 Jun 2023 02:02

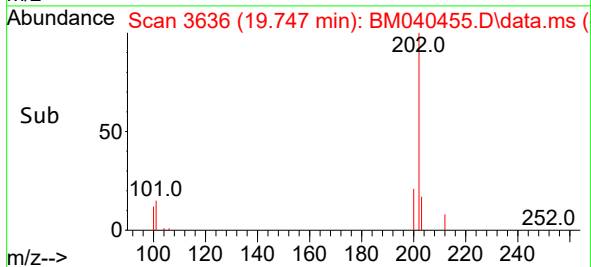
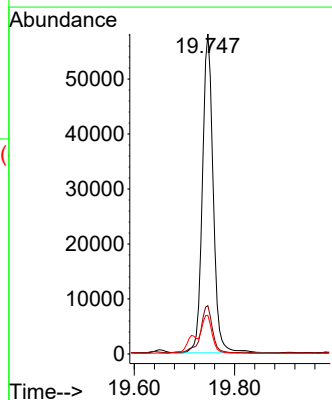
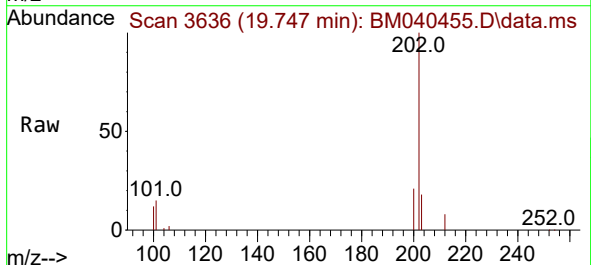
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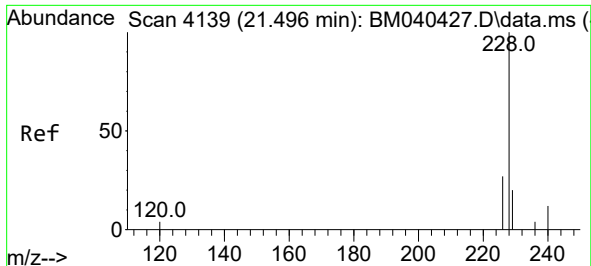
Tgt Ion:202 Resp: 83285
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 9.4 8.7 13.1



#20
Pyrene
Concen: 1.322 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BM040455.D
Acq: 30 Jun 2023 02:02

Tgt Ion:202 Resp: 86530
Ion Ratio Lower Upper
202 100
101 15.1 12.6 18.8
100 12.1 9.8 14.6

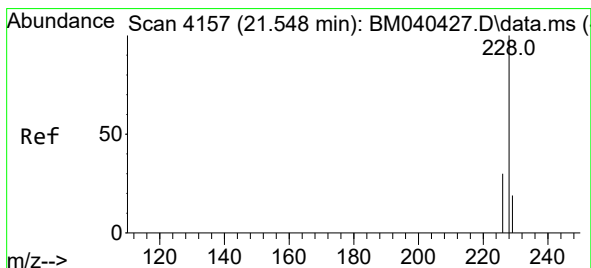
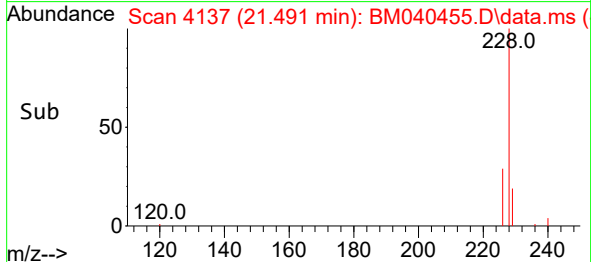
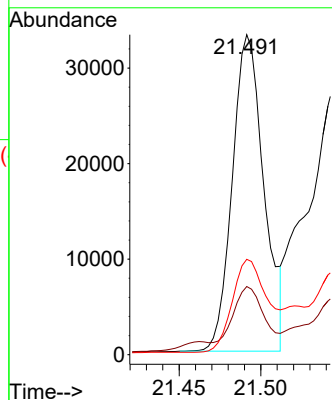
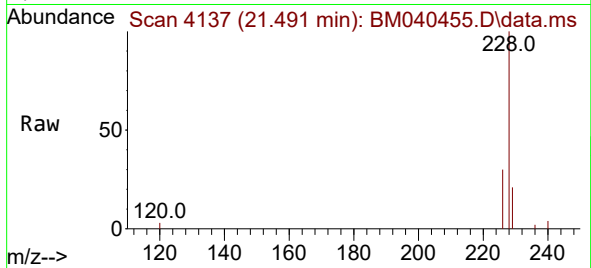




#21
Benzo(a)anthracene
Concen: 0.917 ng/ul
RT: 21.491 min Scan# 4137
Delta R.T. -0.009 min
Lab File: BM040455.D
Acq: 30 Jun 2023 02:02

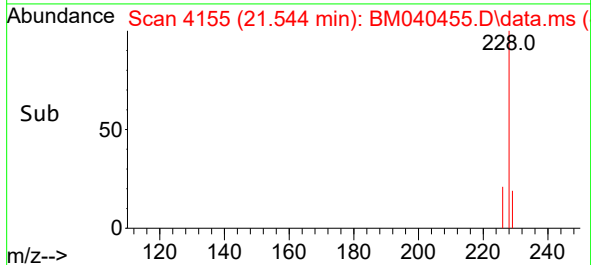
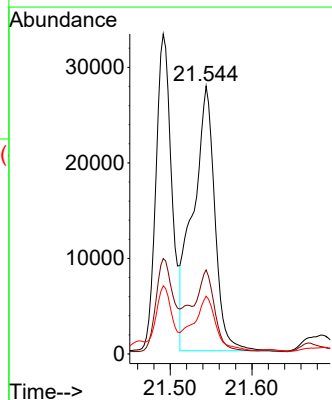
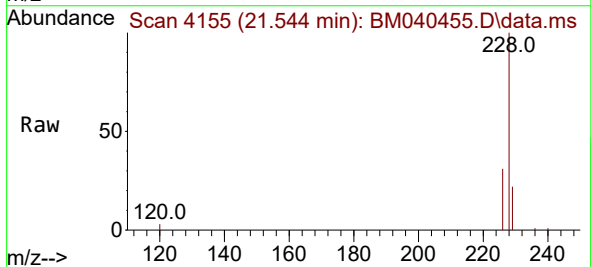
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DCFV2DL

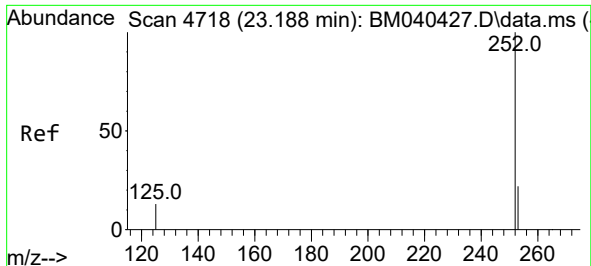
Tgt Ion:228 Resp: 44598
Ion Ratio Lower Upper
228 100
229 21.3 16.0 24.0
226 29.8 22.3 33.5



#22
Chrysene
Concen: 0.931 ng/ul
RT: 21.544 min Scan# 4155
Delta R.T. -0.009 min
Lab File: BM040455.D
Acq: 30 Jun 2023 02:02

Tgt Ion:228 Resp: 51657
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 21.6 15.8 23.6

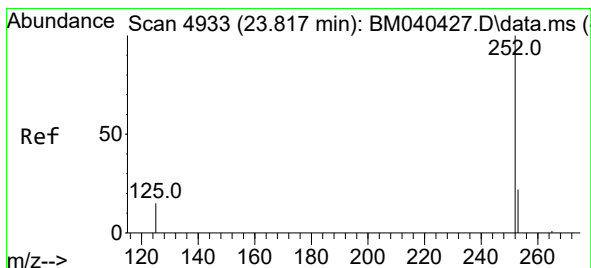
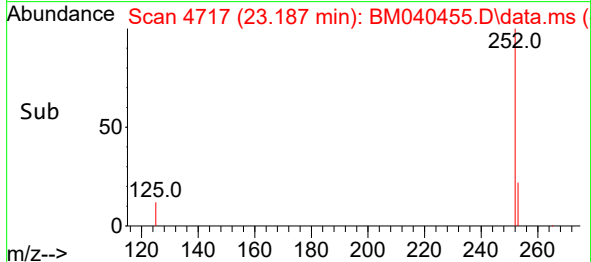
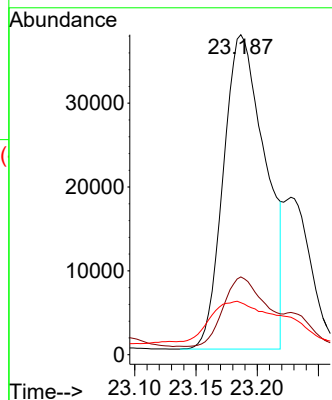
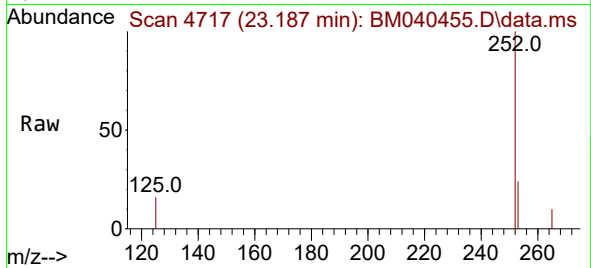




#24
Benzo(b)fluoranthene
Concen: 1.792 ng/ul
RT: 23.187 min Scan# 4718
Delta R.T. -0.006 min
Lab File: BM040455.D
Acq: 30 Jun 2023 02:02

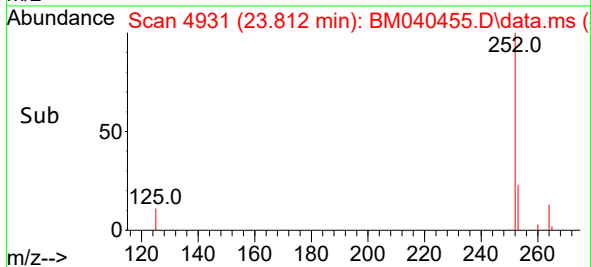
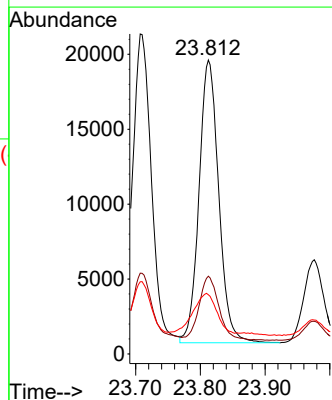
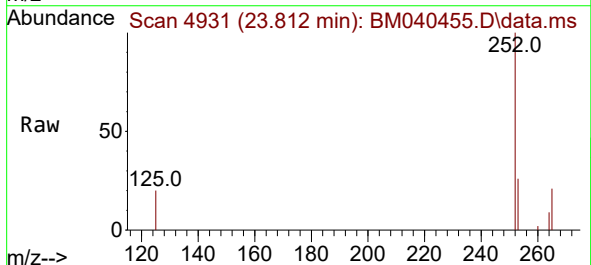
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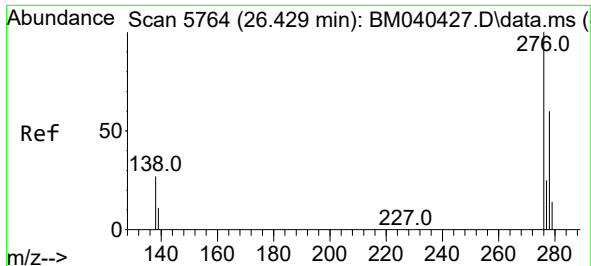
Tgt Ion:252 Resp: 89557
Ion Ratio Lower Upper
252 100
253 24.3 0.0 52.8
125 16.3 0.0 43.0



#26
Benzo(a)pyrene
Concen: 0.885 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. -0.012 min
Lab File: BM040455.D
Acq: 30 Jun 2023 02:02

Tgt Ion:252 Resp: 39869
Ion Ratio Lower Upper
252 100
253 26.5 22.9 34.3
125 20.1 21.0 31.4#

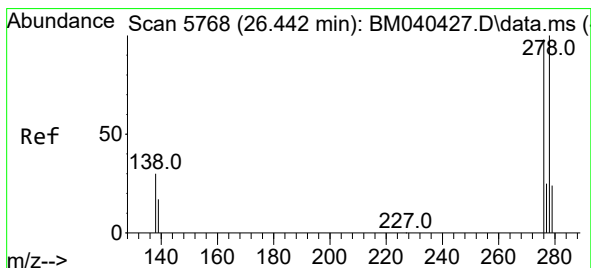
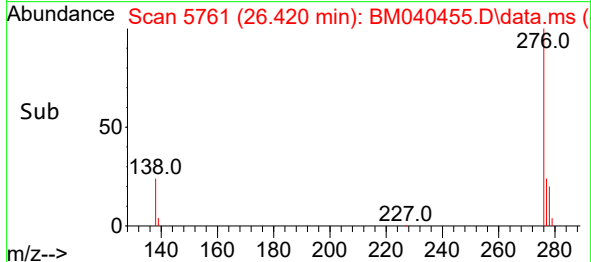
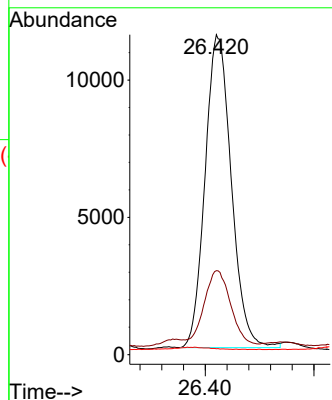
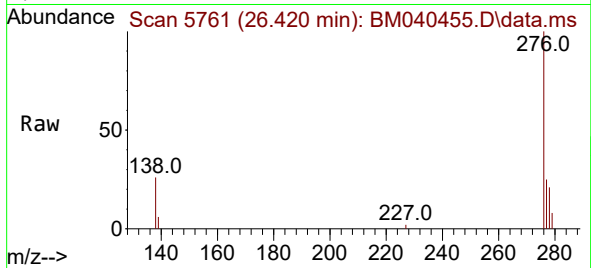




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.608 ng/ul
 RT: 26.420 min Scan# 5761
 Delta R.T. -0.014 min
 Lab File: BM040455.D
 Acq: 30 Jun 2023 02:02

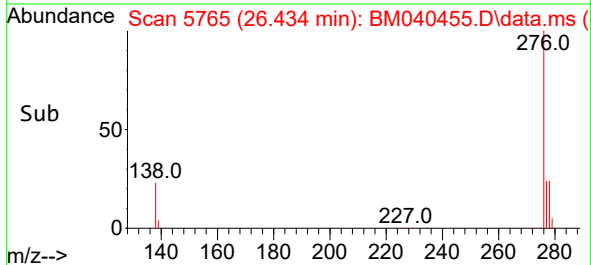
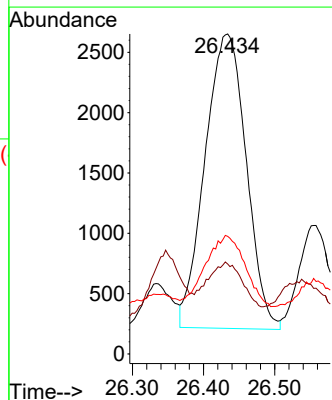
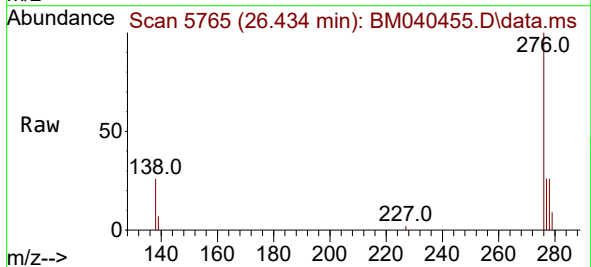
Instrument :
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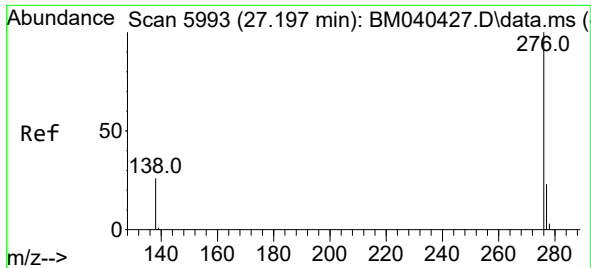
Tgt Ion:276 Resp: 38127
 Ion Ratio Lower Upper
 276 100
 138 24.6 24.5 36.7
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.200 ng/ul
 RT: 26.434 min Scan# 5765
 Delta R.T. -0.020 min
 Lab File: BM040455.D
 Acq: 30 Jun 2023 02:02

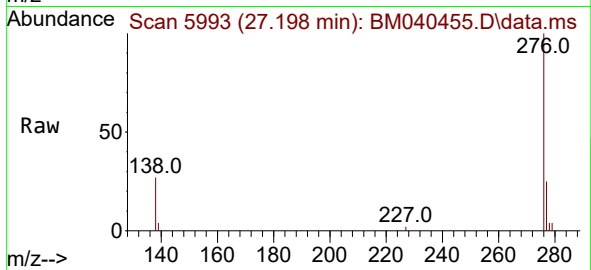
Tgt Ion:278 Resp: 9825
 Ion Ratio Lower Upper
 278 100
 139 28.1 17.9 26.9#
 279 36.8 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.575 ng/ul
RT: 27.198 min Scan# 5993
Delta R.T. -0.007 min
Lab File: BM040455.D
Acq: 30 Jun 2023 02:02

Instrument :
BNA_M
ClientSampleId :
DCFV2DL



Tgt Ion:	276	Resp:	31581
Ion	Ratio	Lower	Upper
276	100		
138	27.2	23.0	34.6
277	25.4	20.3	30.5

