

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043006.D
 Acq On : 25 Nov 2023 08:26
 Operator : MA/JU
 Sample : 05261-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKQ9

Quant Time: Nov 27 02:42:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

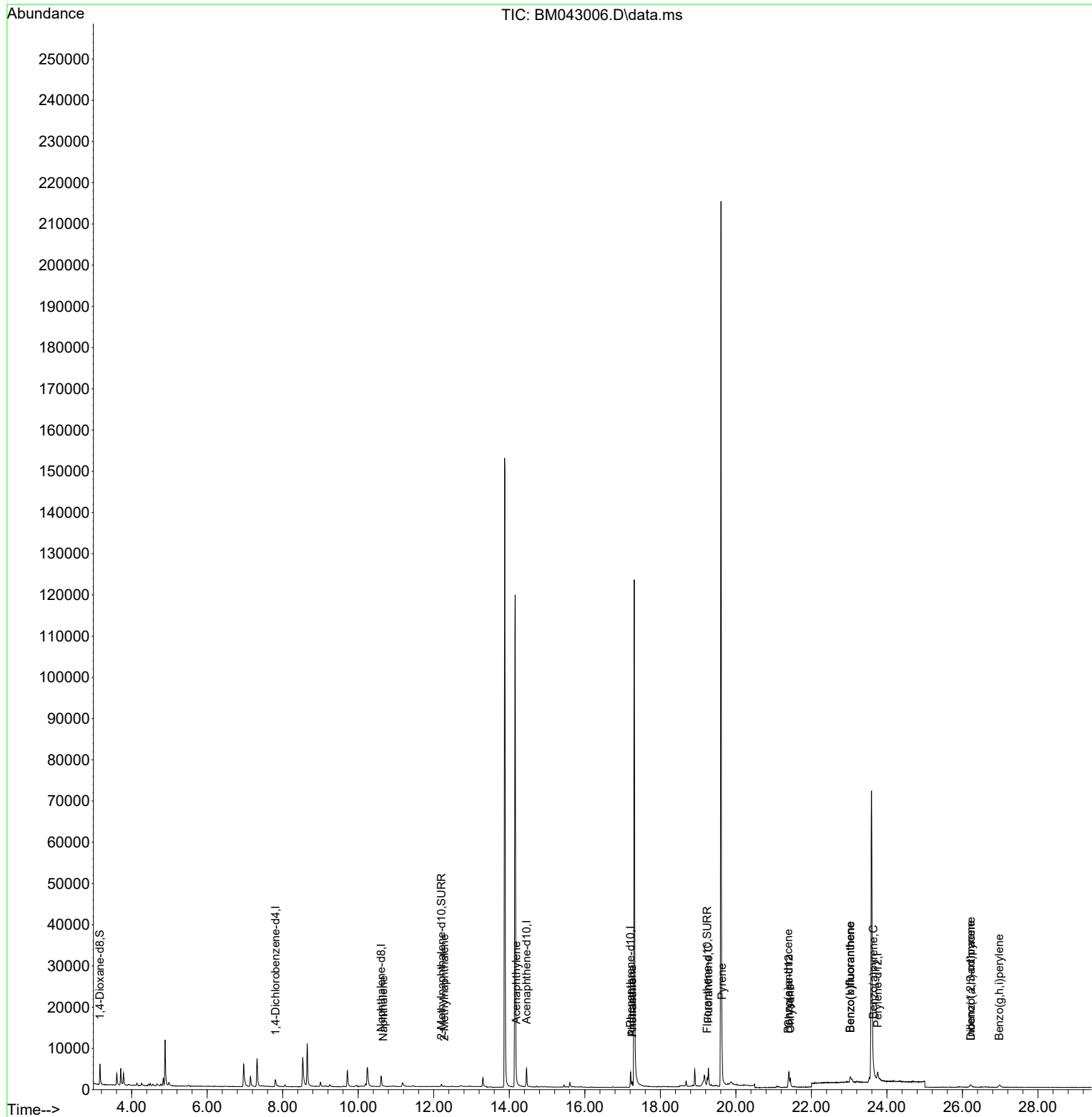
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	1093	0.400	ng/ul	#-0.07
4) Naphthalene-d8	10.607	136	3758	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.456	164	2127	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.213	188	5050	0.400	ng/ul	-0.02
17) Chrysene-d12	21.403	240	3192	0.400	ng/ul	-0.02
23) Perylene-d12	23.756	264	4602	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	3232	1.927	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	879	0.175	ng/ul	-0.04
18) Fluoranthene-d10	19.244	212	2109	0.181	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.662	128	210	0.021	ng/ul#	49
7) 2-Methylnaphthalene	12.278	142	124	0.021	ng/ul	97
10) Acenaphthylene	14.183	152	590	0.054	ng/ul#	83
15) Phenanthrene	17.255	178	1398	0.097	ng/ul	95
16) Anthracene	17.255	178	1385	0.101	ng/ul	98
19) Fluoranthene	19.272	202	4085	0.226	ng/ul	98
20) Pyrene	19.634	202	5237	0.272	ng/ul	98
21) Benzo(a)anthracene	21.388	228	2254	0.218	ng/ul	94
22) Chrysene	21.441	228	2371	0.123	ng/ul	94
24) Benzo(b)fluoranthene	23.031	252	2662	0.171	ng/ul	80
25) Benzo(k)fluoranthene	23.031	252	3884	0.182	ng/ul#	78
26) Benzo(a)pyrene	23.642	252	1533	0.090	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.215	276	1403	0.061	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.222	278	368	0.021	ng/ul#	3
29) Benzo(g,h,i)perylene	26.976	276	1485	0.067	ng/ul#	85

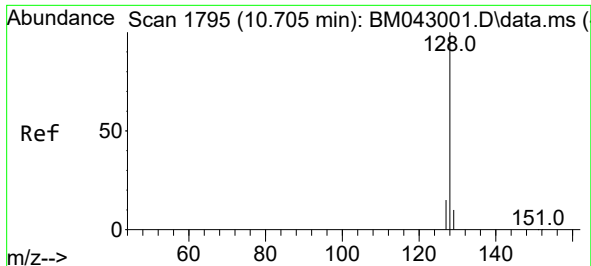
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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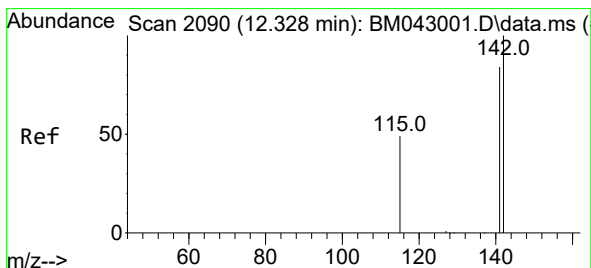
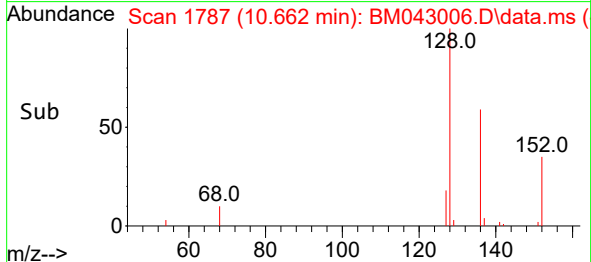
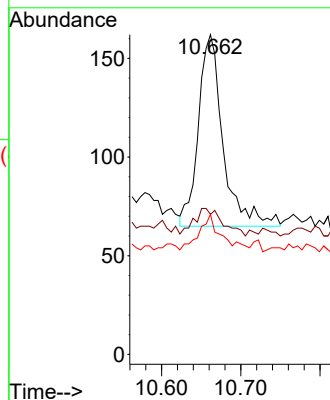
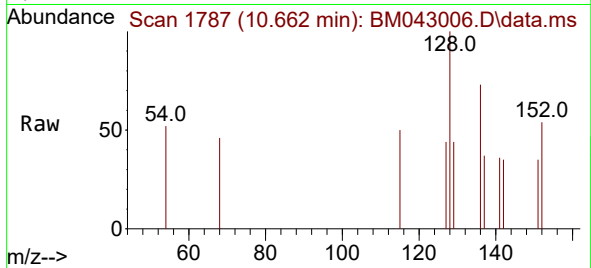




#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.662 min Scan# 1787
Delta R.T. -0.037 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

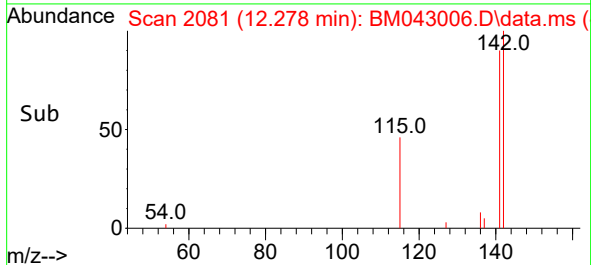
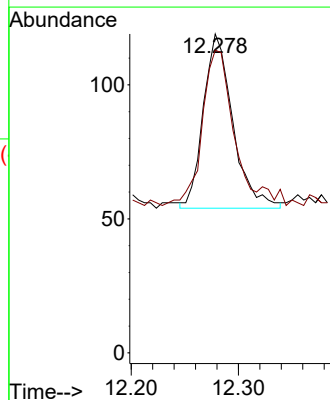
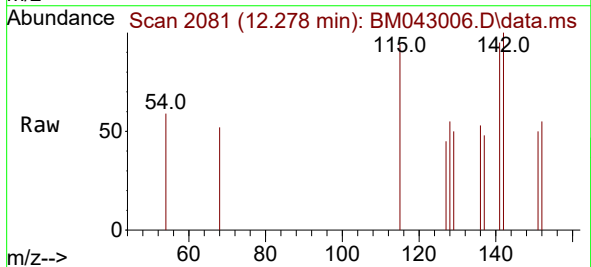
Instrument :
BNA_M
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DCKQ9

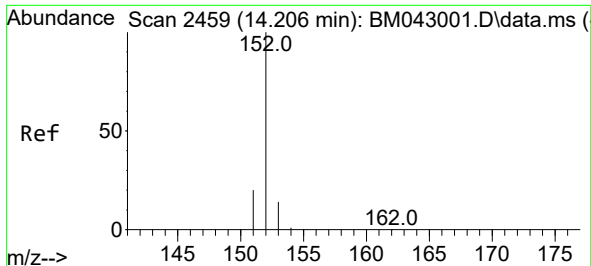
Tgt Ion:128 Resp: 210
Ion Ratio Lower Upper
128 100
129 43.8 16.0 24.0#
127 43.8 16.5 24.7#



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.278 min Scan# 2081
Delta R.T. -0.053 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

Tgt Ion:142 Resp: 124
Ion Ratio Lower Upper
142 100
141 98.4 76.1 114.1

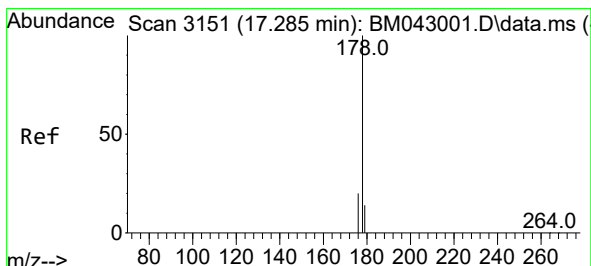
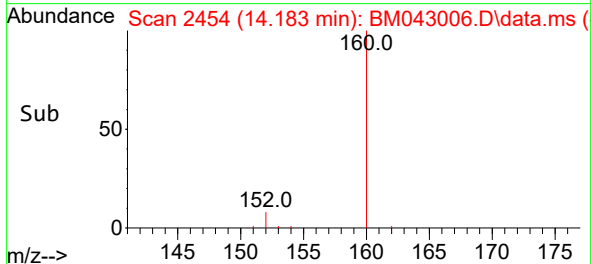
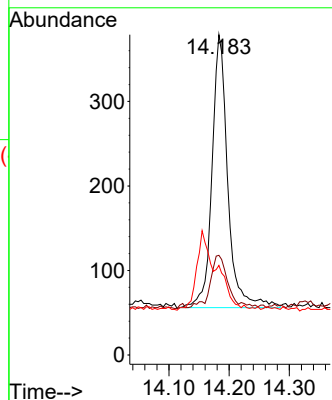
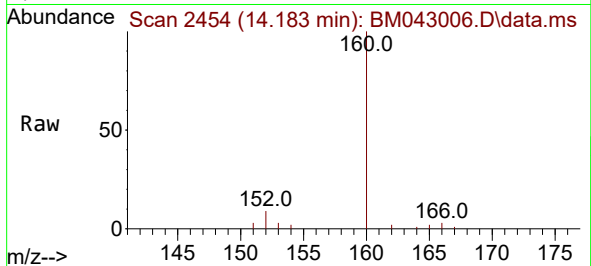




#10
Acenaphthylene
Concen: 0.054 ng/ul
RT: 14.183 min Scan# 2454
Delta R.T. -0.022 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

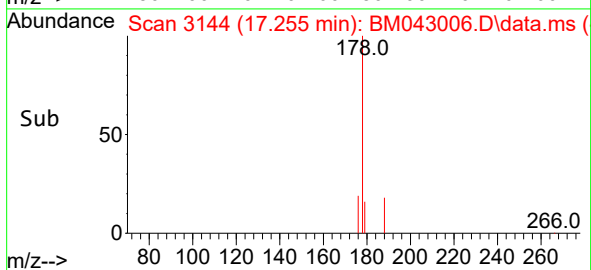
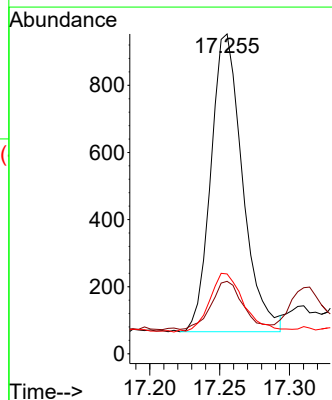
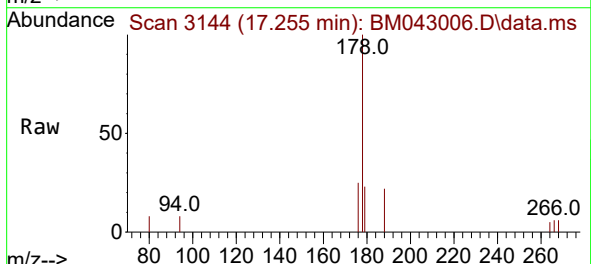
Instrument :
BNA_M
ClientSampleId :
DCKQ9

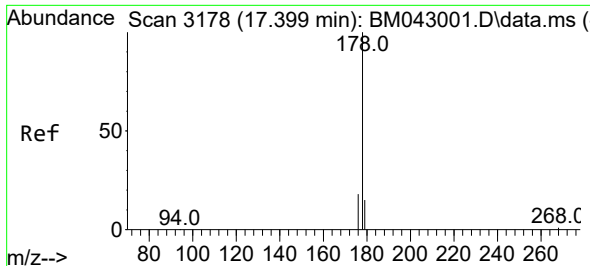
Tgt Ion:152 Resp: 590
Ion Ratio Lower Upper
152 100
151 31.1 19.4 29.0#
153 28.0 14.6 21.8#



#15
Phenanthrene
Concen: 0.097 ng/ul
RT: 17.255 min Scan# 3144
Delta R.T. -0.024 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

Tgt Ion:178 Resp: 1398
Ion Ratio Lower Upper
178 100
179 22.7 15.7 23.5
176 25.0 18.9 28.3

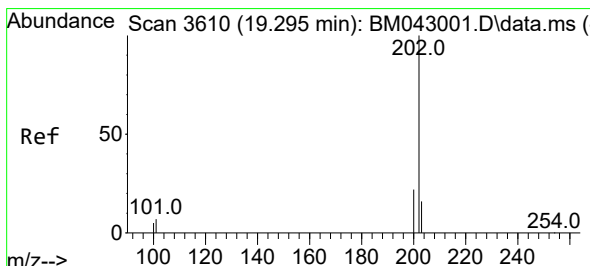
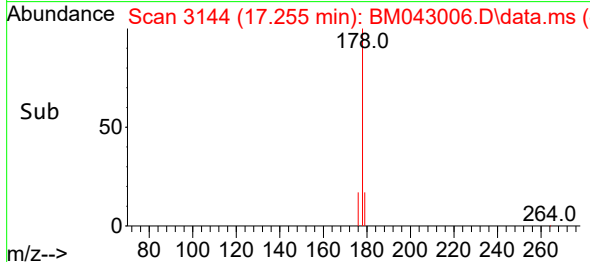
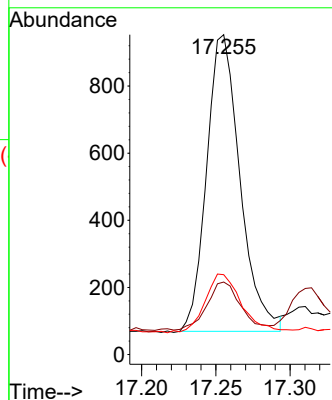
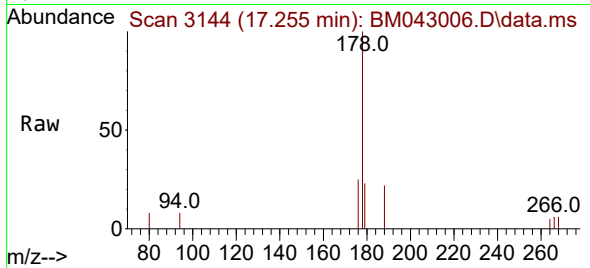




#16
 Anthracene
 Concen: 0.101 ng/ul
 RT: 17.255 min Scan# 3178
 Delta R.T. -0.138 min
 Lab File: BM043006.D
 Acq: 25 Nov 2023 08:26

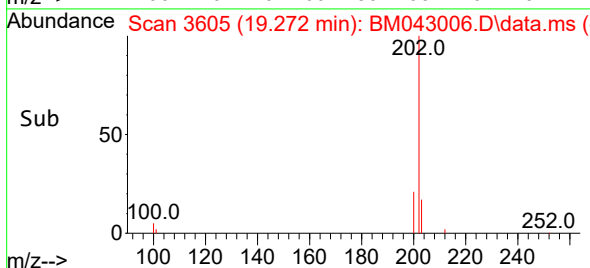
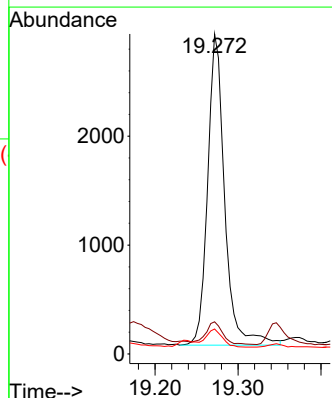
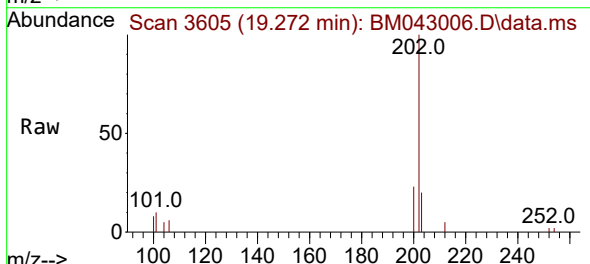
Instrument :
 BNA_M
 ClientSampleId :
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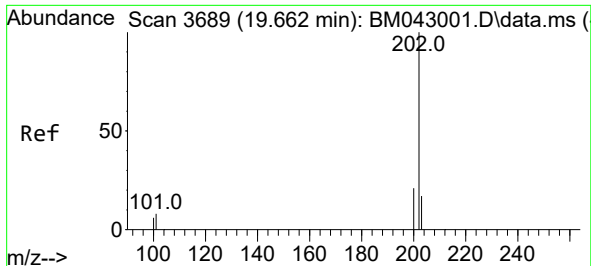
Tgt Ion:178 Resp: 1385
 Ion Ratio Lower Upper
 178 100
 179 22.7 17.3 25.9
 176 25.0 20.5 30.7



#19
 Fluoranthene
 Concen: 0.226 ng/ul
 RT: 19.272 min Scan# 3605
 Delta R.T. -0.022 min
 Lab File: BM043006.D
 Acq: 25 Nov 2023 08:26

Tgt Ion:202 Resp: 4085
 Ion Ratio Lower Upper
 202 100
 101 10.1 7.8 11.8
 100 7.8 7.1 10.7

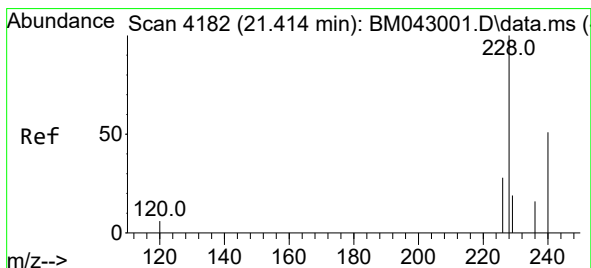
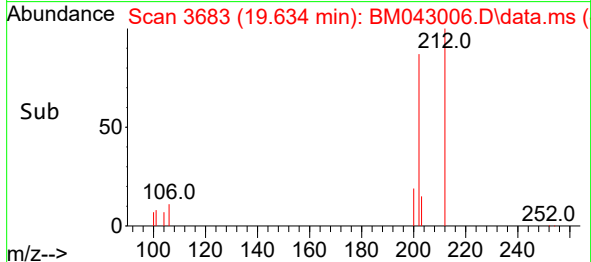
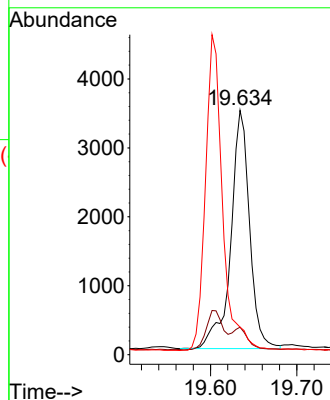
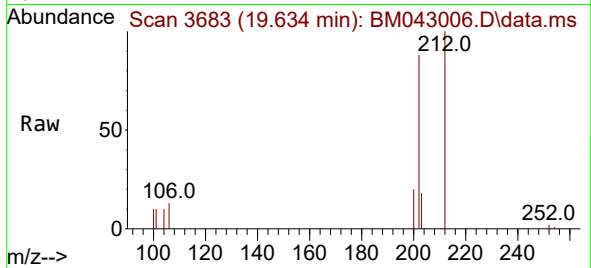




#20
Pyrene
Concen: 0.272 ng/ul
RT: 19.634 min Scan# 30
Delta R.T. -0.026 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

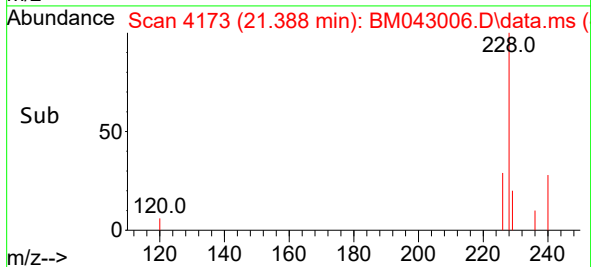
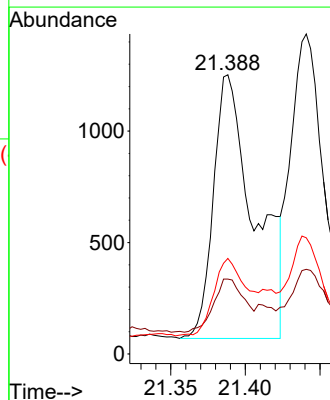
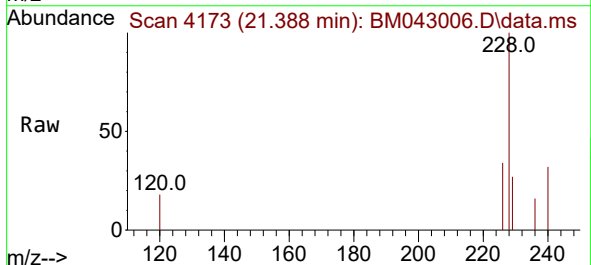
Instrument :
BNA_M
ClientSampleId :
DCKQ9

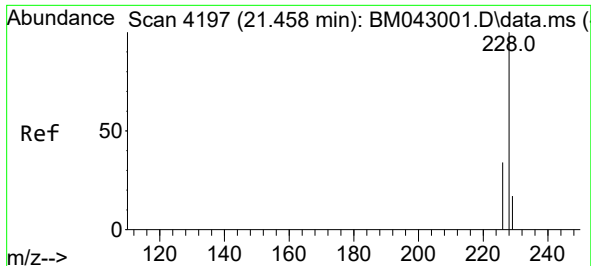
Tgt Ion:202 Resp: 5237
Ion Ratio Lower Upper
202 100
101 11.3 8.7 13.1
100 11.3 7.8 11.8



#21
Benzo(a)anthracene
Concen: 0.218 ng/ul
RT: 21.388 min Scan# 4173
Delta R.T. -0.024 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

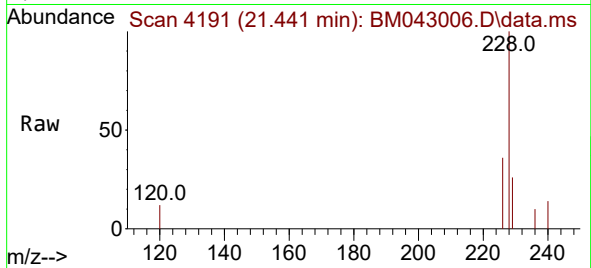
Tgt Ion:228 Resp: 2254
Ion Ratio Lower Upper
228 100
229 26.8 19.4 29.0
226 34.2 24.9 37.3



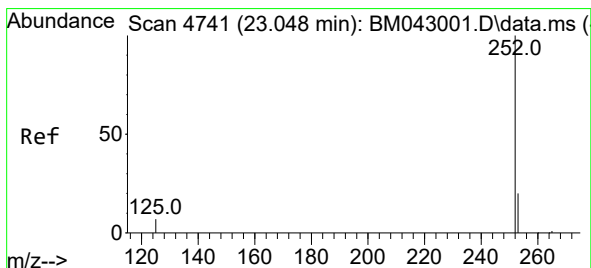
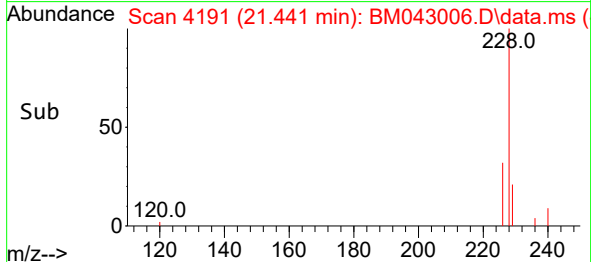
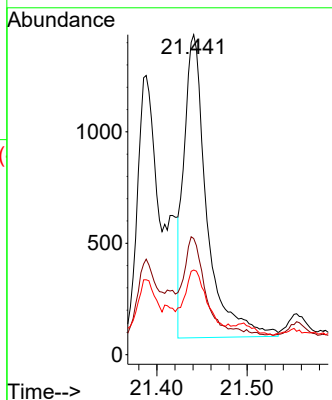


#22
Chrysene
Concen: 0.123 ng/ul
RT: 21.441 min Scan# 4191
Delta R.T. -0.018 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

Instrument :
BNA_M
ClientSampleId :
DCKQ9

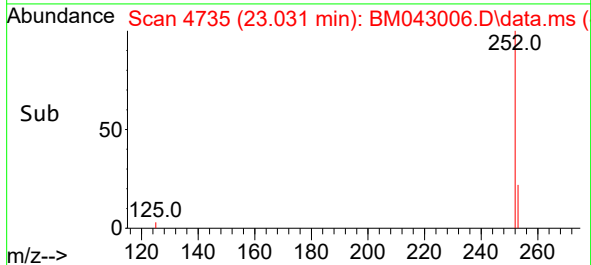
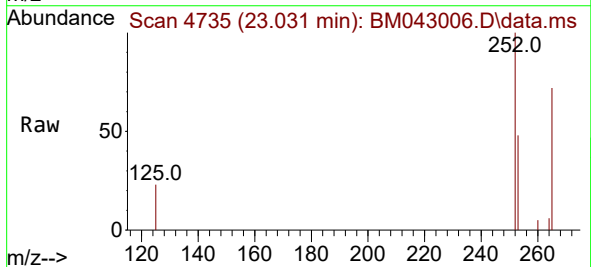
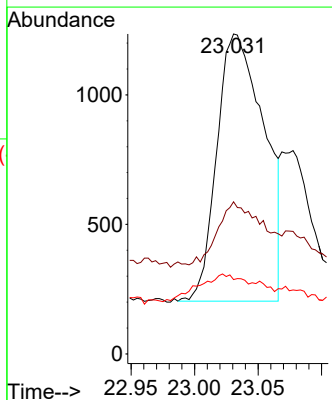


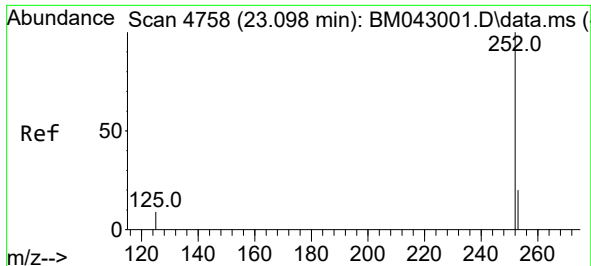
Tgt Ion:228 Resp: 2371
Ion Ratio Lower Upper
228 100
226 36.3 27.2 40.8
229 26.5 18.0 27.0



#24
Benzo(b)fluoranthene
Concen: 0.171 ng/ul
RT: 23.031 min Scan# 4735
Delta R.T. -0.021 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

Tgt Ion:252 Resp: 2662
Ion Ratio Lower Upper
252 100
253 47.5 0.0 71.8
125 23.2 0.0 29.0

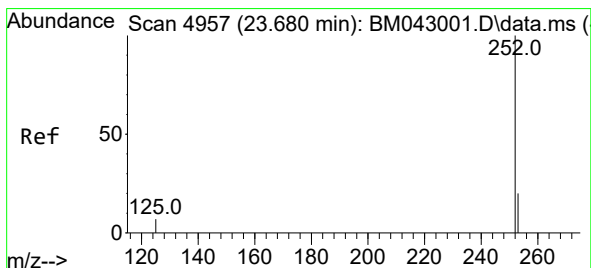
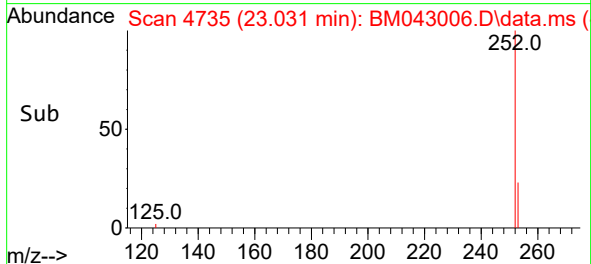
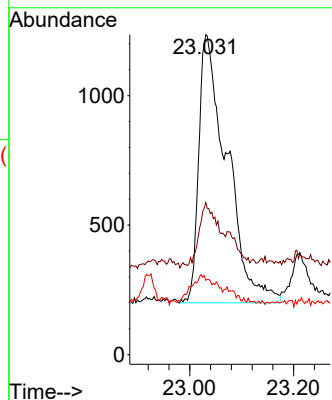
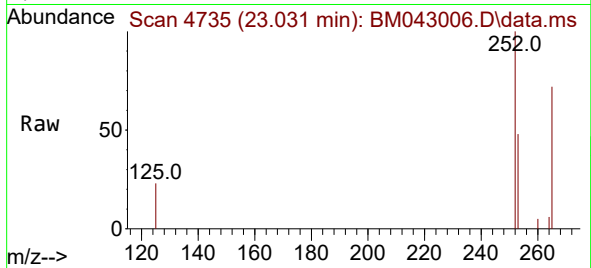




#25
Benzo(k)fluoranthene
Concen: 0.182 ng/ul
RT: 23.031 min Scan# 41
Delta R.T. -0.067 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

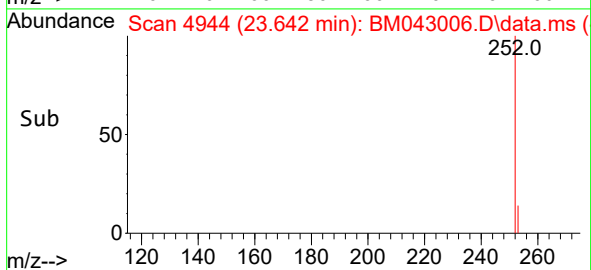
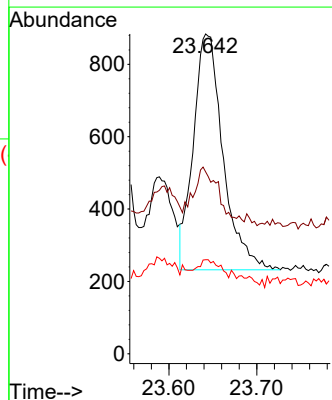
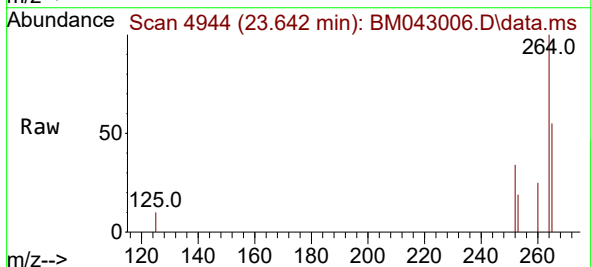
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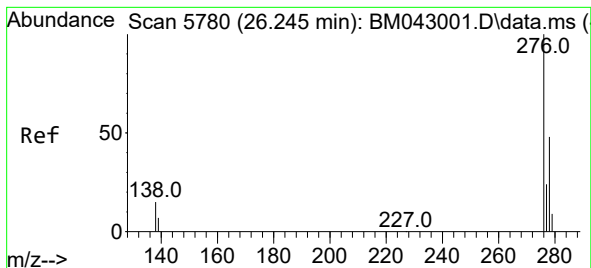
Tgt Ion:252 Resp: 3884
Ion Ratio Lower Upper
252 100
253 47.5 28.2 42.2#
125 23.2 11.0 16.6#



#26
Benzo(a)pyrene
Concen: 0.090 ng/ul
RT: 23.642 min Scan# 4944
Delta R.T. -0.044 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

Tgt Ion:252 Resp: 1533
Ion Ratio Lower Upper
252 100
253 56.9 36.6 55.0#
125 29.4 16.2 24.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.061 ng/ul

RT: 26.215 min Scan# 5

Delta R.T. -0.024 min

Lab File: BM043006.D

Acq: 25 Nov 2023 08:26

Instrument :

BNA_M

ClientSampleId :

DCKQ9

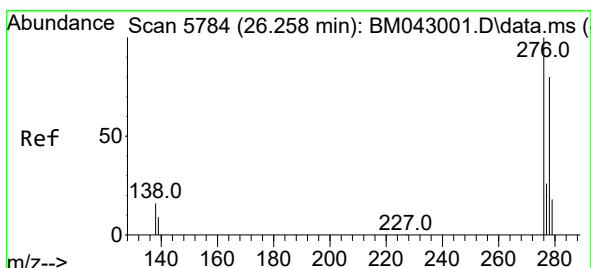
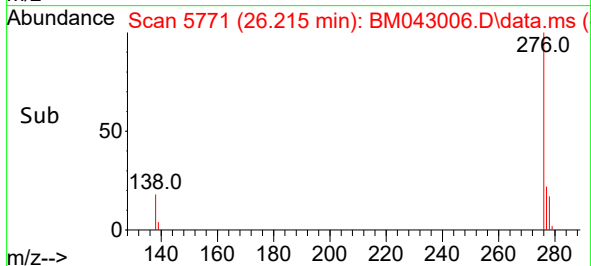
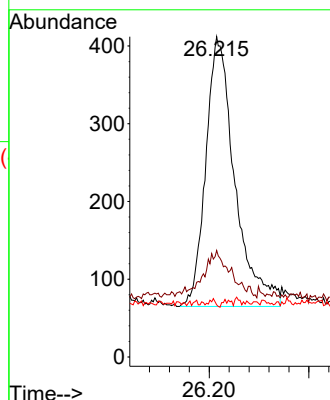
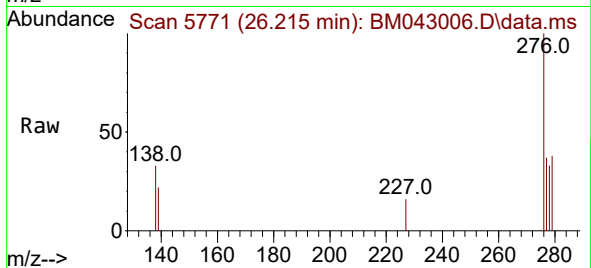
Tgt Ion:276 Resp: 1403

Ion Ratio Lower Upper

276 100

138 15.0 0.0 0.0#

227 0.6 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 0.021 ng/ul

RT: 26.222 min Scan# 5773

Delta R.T. -0.054 min

Lab File: BM043006.D

Acq: 25 Nov 2023 08:26

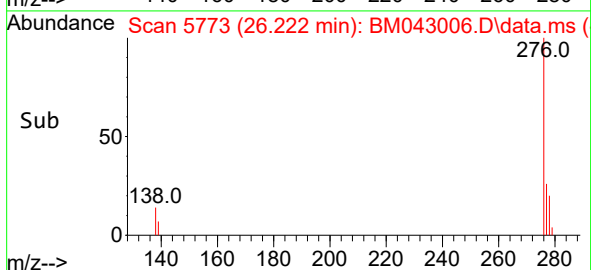
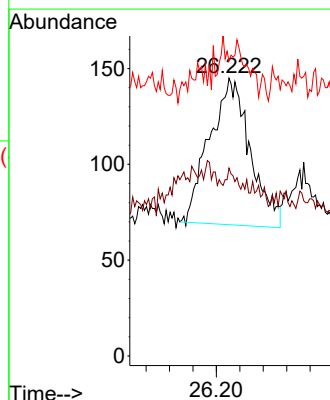
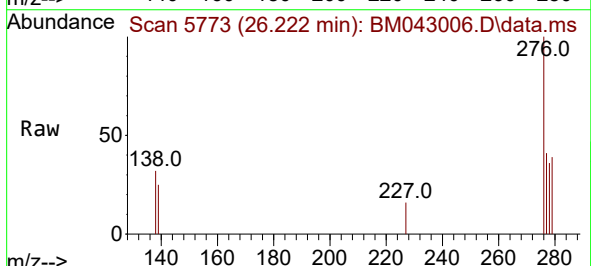
Tgt Ion:278 Resp: 368

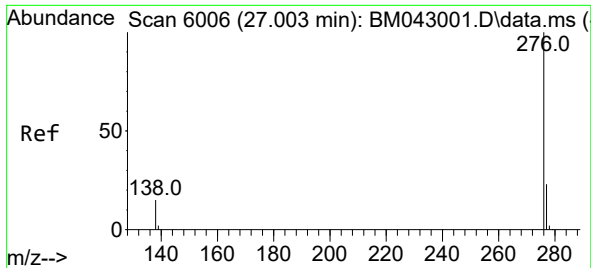
Ion Ratio Lower Upper

278 100

139 67.6 18.1 27.1#

279 106.2 34.4 51.6#





#29

Benzo(g,h,i)perylene

Concen: 0.067 ng/ul

RT: 26.976 min Scan# 51

Delta R.T. -0.034 min

Lab File: BM043006.D

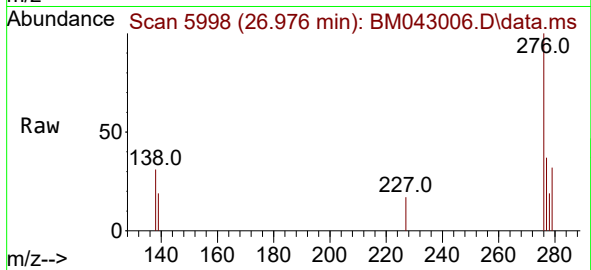
Acq: 25 Nov 2023 08:26

Instrument :

BNA_M

ClientSampleId :

DCKQ9



Tgt Ion:276 Resp: 1485

Ion Ratio Lower Upper

276 100

138 31.4 17.8 26.8#

277 36.7 23.8 35.8#

