

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043003.D
 Acq On : 25 Nov 2023 06:38
 Operator : MA/JU
 Sample : 05261-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKQ6

Quant Time: Nov 27 02:42:03 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)

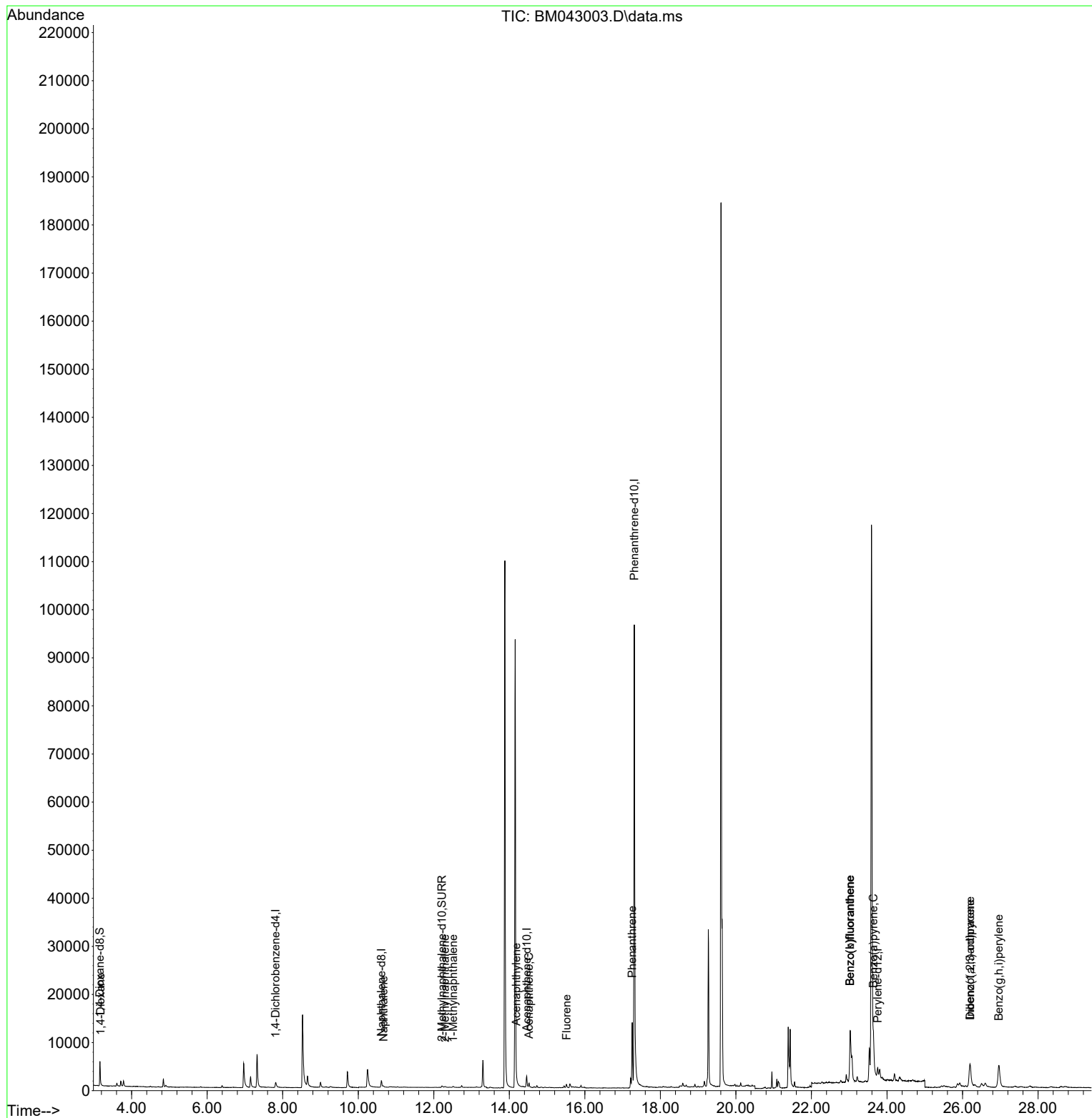
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	826	0.400	ng/ul	#-0.07
4) Naphthalene-d8	10.611	136	2357	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.459	164	1250	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	124017	0.400	ng/ul	# 0.07
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.42
23) Perylene-d12	23.753	264	5561	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	3240	2.556	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.216	152	729	0.231	ng/ul	-0.03
18) Fluoranthene-d10	19.242	212	1771	0.000	ng/ul	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.176	88	31	0.023	ng/ul#	77
5) Naphthalene	10.666	128	375	0.059	ng/ul#	69
7) 2-Methylnaphthalene	12.299	142	202	0.053	ng/ul	89
8) 1-Methylnaphthalene	12.513	142	182	0.043	ng/ul	96
10) Acenaphthylene	14.186	152	526	0.082	ng/ul#	81
11) Acenaphthene	14.519	153	576	0.119	ng/ul	98
12) Fluorene	15.514	166	524	0.106	ng/ul#	95
15) Phenanthrene	17.254	178	15365	0.043	ng/ul	93
24) Benzo(b)fluoranthene	23.025	252	18795	1.002	ng/ul	86
25) Benzo(k)fluoranthene	23.025	252	26815	1.038	ng/ul#	86
26) Benzo(a)pyrene	23.642	252	11136	0.544	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.198	276	10870	0.392	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.202	278	2435	0.114	ng/ul#	90
29) Benzo(g,h,i)perylene	26.960	276	11655	0.432	ng/ul	95

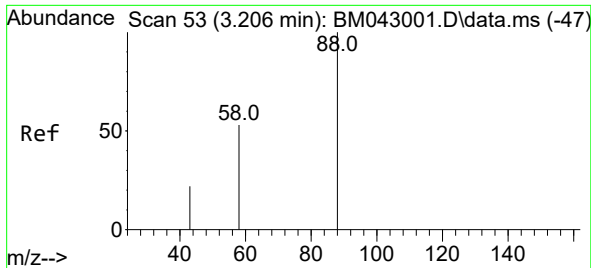
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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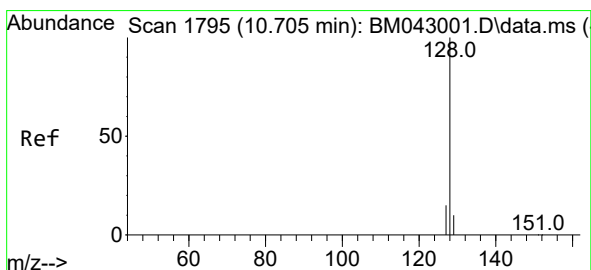
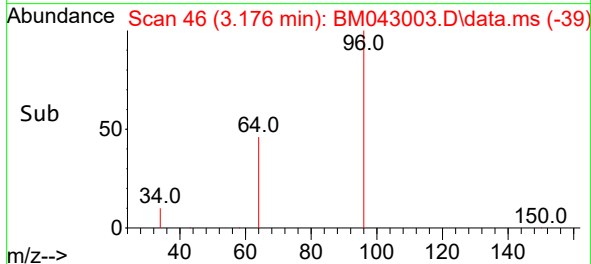
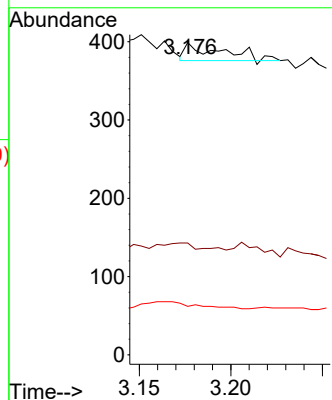
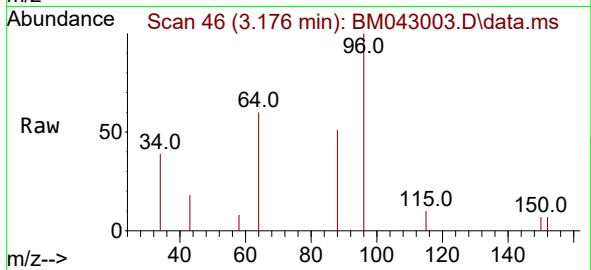




#2
1,4-Dioxane
Concen: 0.023 ng/ul
RT: 3.176 min Scan# 41
Delta R.T. -0.029 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

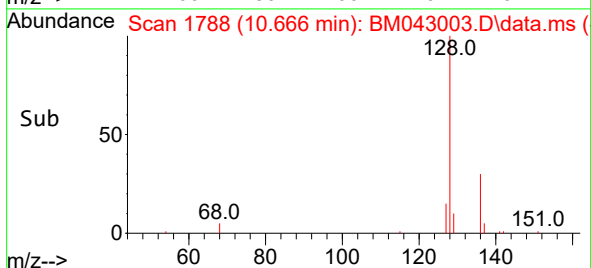
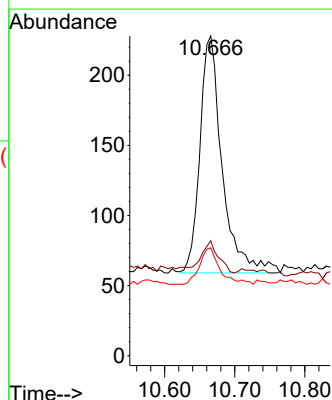
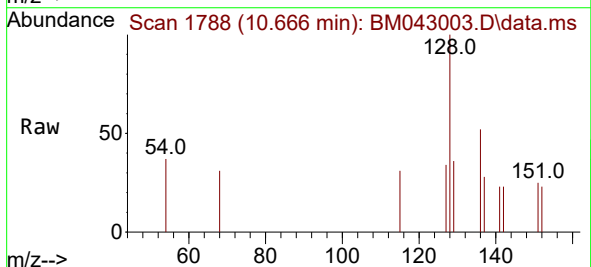
Instrument :
BNA_M
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DCKQ6

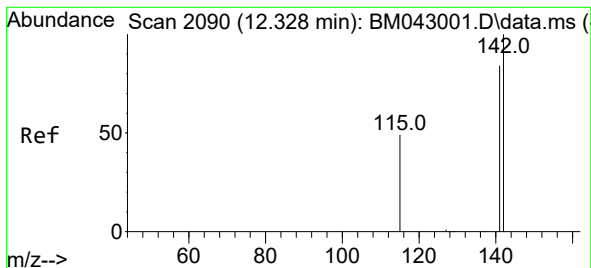
Tgt Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
43 35.8 22.8 34.2#
58 15.5 26.8 40.2#



#5
Naphthalene
Concen: 0.059 ng/ul
RT: 10.666 min Scan# 1788
Delta R.T. -0.033 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

Tgt Ion: 128 Resp: 375
Ion Ratio Lower Upper
128 100
129 36.0 16.0 24.0#
127 33.8 16.5 24.7#

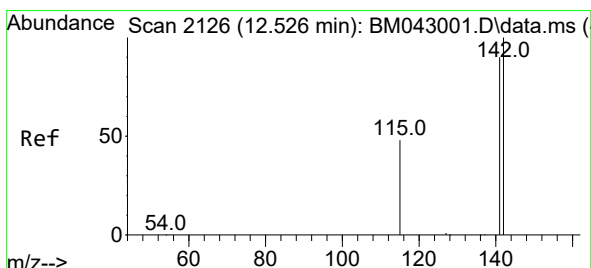
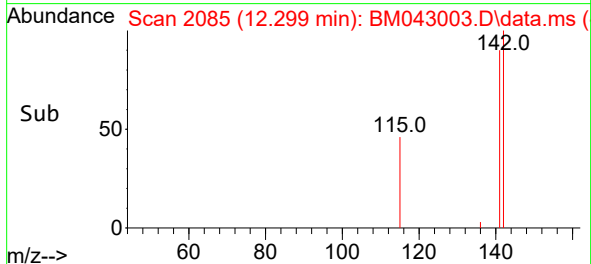
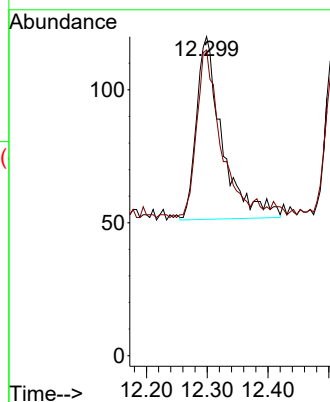
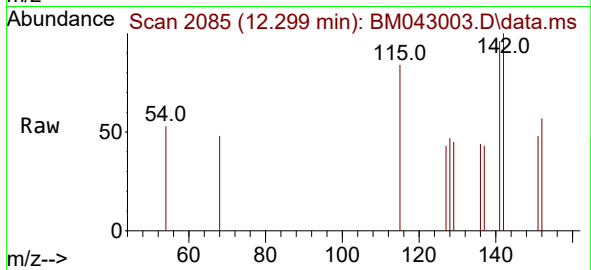




#7
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.299 min Scan# 2090
Delta R.T. -0.033 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

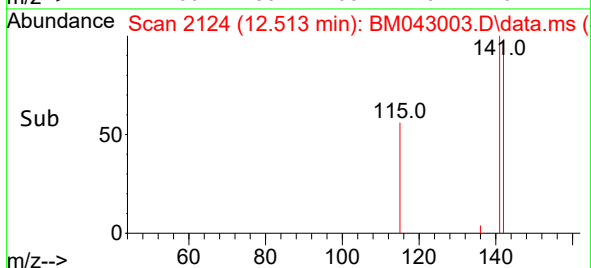
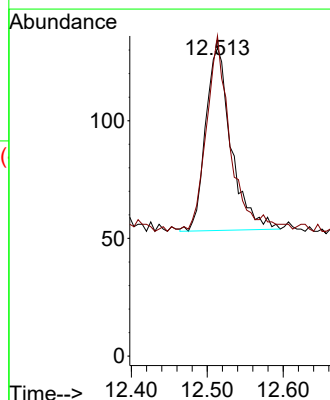
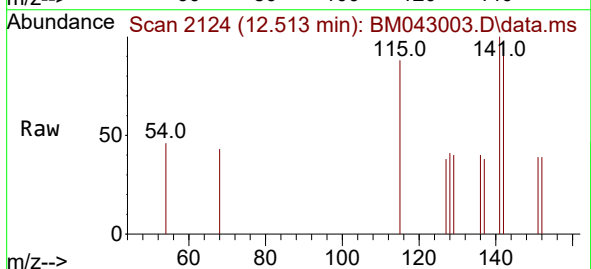
Instrument :
BNA_M
ClientSampleId :
DCKQ6

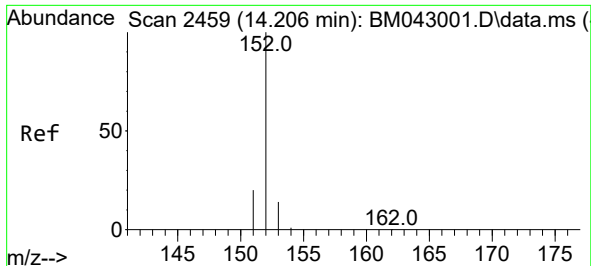
Tgt Ion:142 Resp: 202
Ion Ratio Lower Upper
142 100
141 84.7 76.1 114.1



#8
1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.513 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

Tgt Ion:142 Resp: 182
Ion Ratio Lower Upper
142 100
141 96.2 73.8 110.8

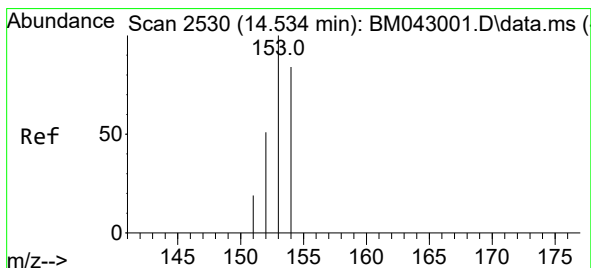
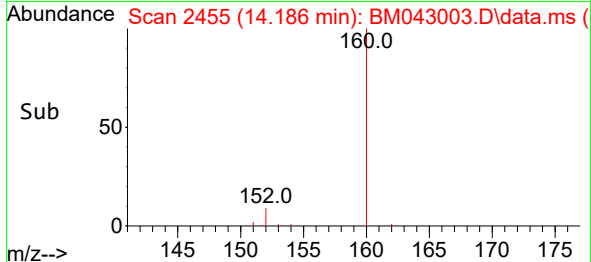
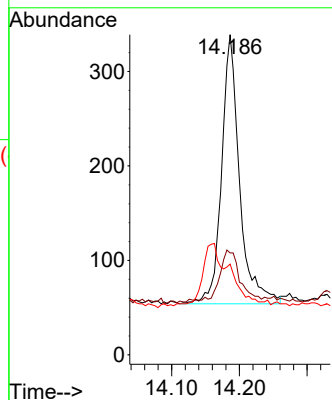
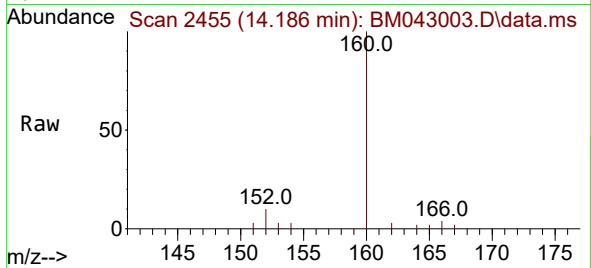




#10
Acenaphthylene
Concen: 0.082 ng/ul
RT: 14.186 min Scan# 2459
Delta R.T. -0.018 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

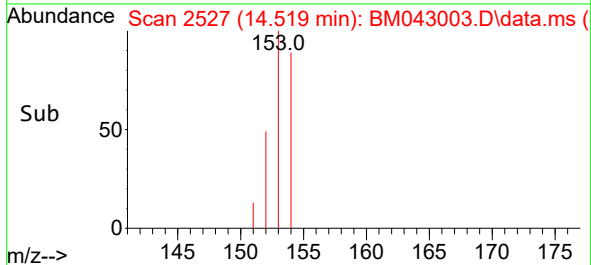
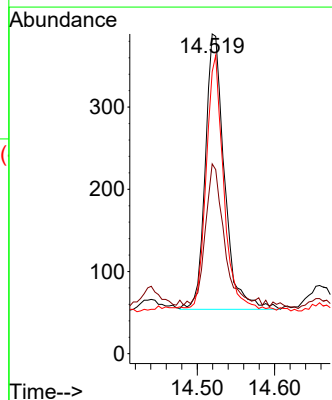
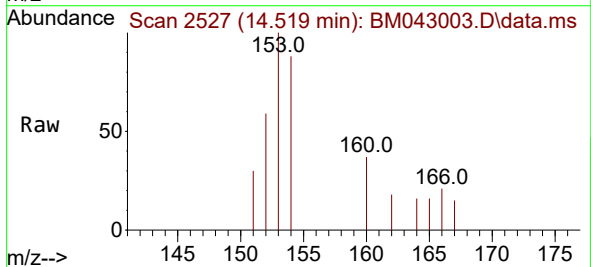
Instrument :
BNA_M
ClientSampleId :
DCKQ6

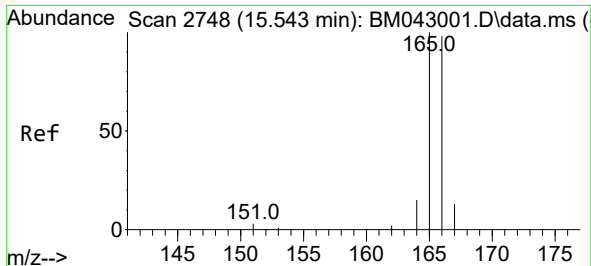
Tgt Ion:152 Resp: 526
Ion Ratio Lower Upper
152 100
151 31.9 19.4 29.0#
153 28.3 14.6 21.8#



#11
Acenaphthene
Concen: 0.119 ng/ul
RT: 14.519 min Scan# 2527
Delta R.T. -0.014 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

Tgt Ion:153 Resp: 576
Ion Ratio Lower Upper
153 100
152 59.4 43.9 65.9
154 88.2 70.6 105.8

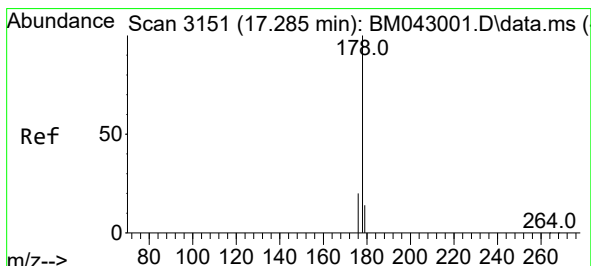
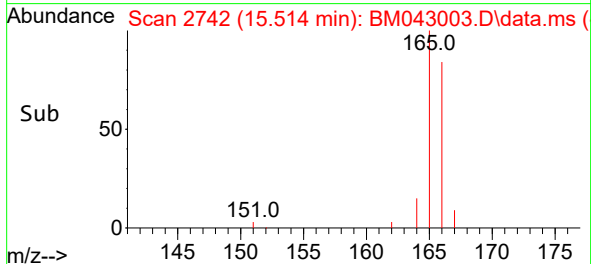
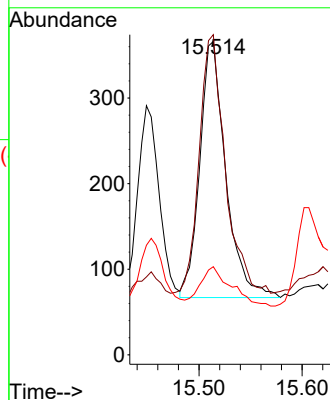
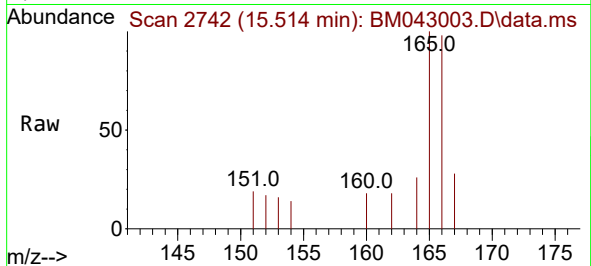




#12
Fluorene
Concen: 0.106 ng/ul
RT: 15.514 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

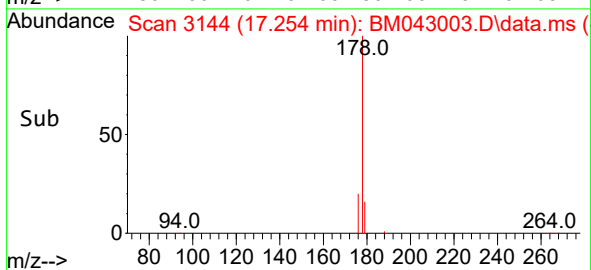
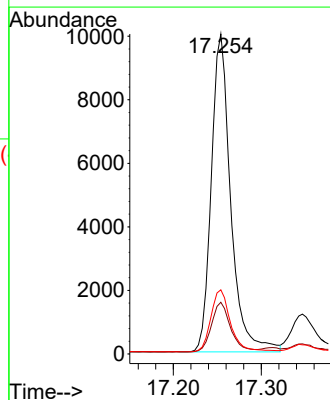
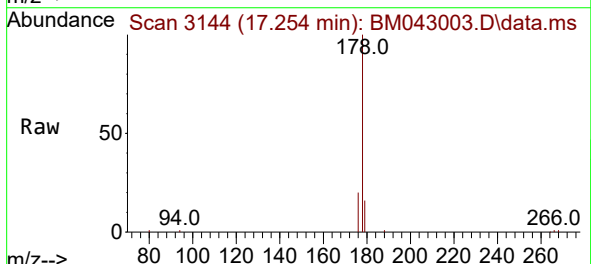
Instrument :
BNA_M
ClientSampleId :
DCKQ6

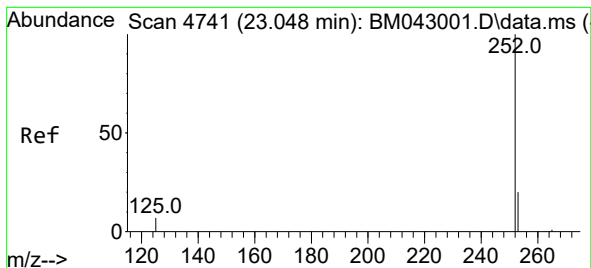
Tgt Ion:166 Resp: 524
Ion Ratio Lower Upper
166 100
165 102.2 79.9 119.9
167 28.1 14.2 21.4#



#15
Phenanthrene
Concen: 0.043 ng/ul
RT: 17.254 min Scan# 3144
Delta R.T. -0.025 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

Tgt Ion:178 Resp: 15365
Ion Ratio Lower Upper
178 100
179 16.1 15.7 23.5
176 20.1 18.9 28.3





#24

Benzo(b)fluoranthene

Concen: 1.002 ng/ul

RT: 23.025 min Scan# 4733

Delta R.T. -0.026 min

Lab File: BM043003.D

Acq: 25 Nov 2023 06:38

Instrument :

BNA_M

ClientSampleId :

DCKQ6

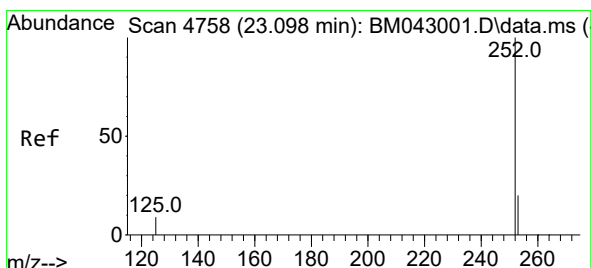
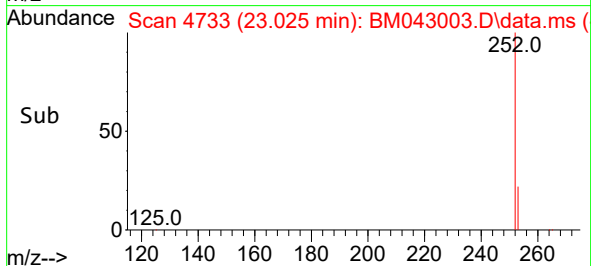
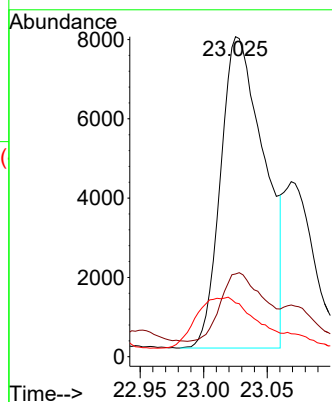
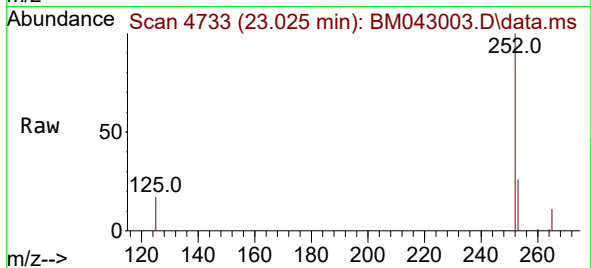
Tgt Ion:252 Resp: 18795

Ion Ratio Lower Upper

252 100

253 25.8 0.0 71.8

125 16.8 0.0 29.0



#25

Benzo(k)fluoranthene

Concen: 1.038 ng/ul

RT: 23.025 min Scan# 4733

Delta R.T. -0.073 min

Lab File: BM043003.D

Acq: 25 Nov 2023 06:38

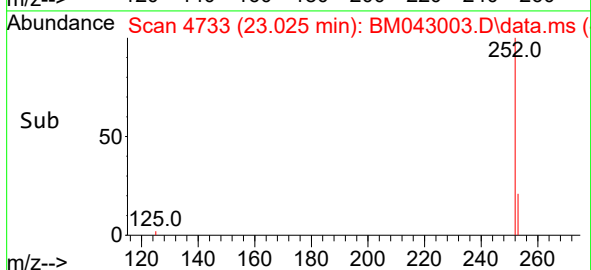
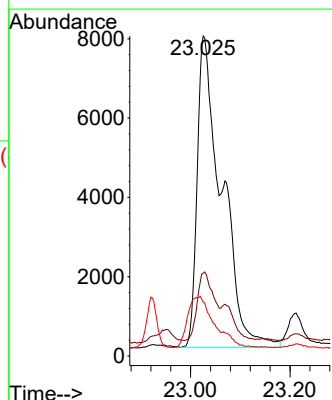
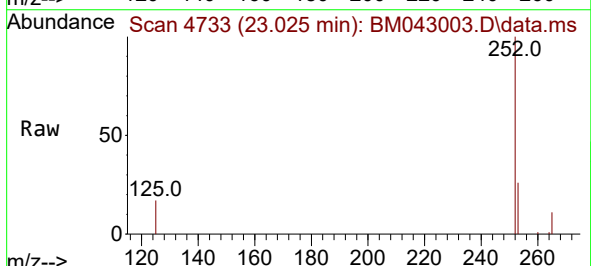
Tgt Ion:252 Resp: 26815

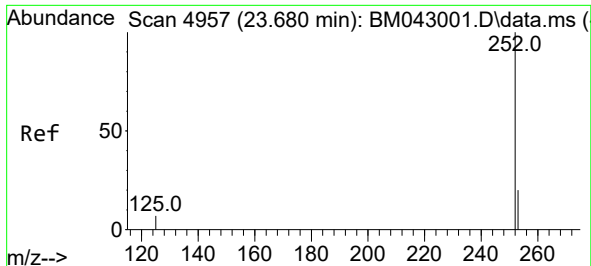
Ion Ratio Lower Upper

252 100

253 25.8 28.2 42.2#

125 16.8 11.0 16.6#

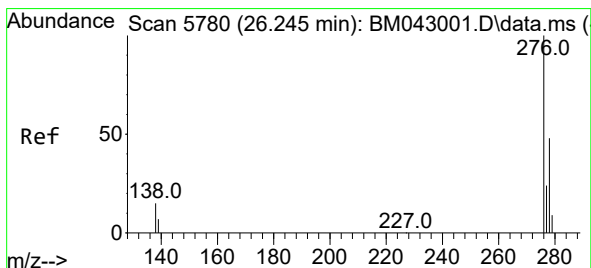
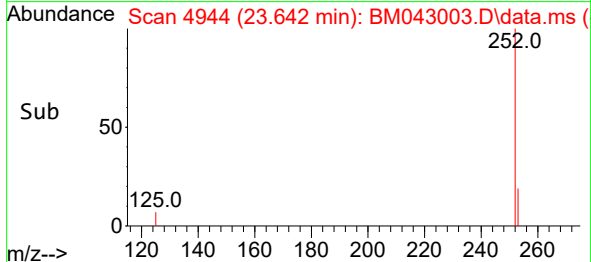
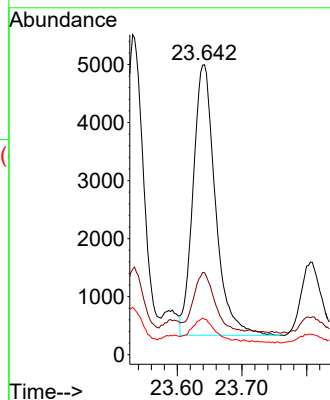
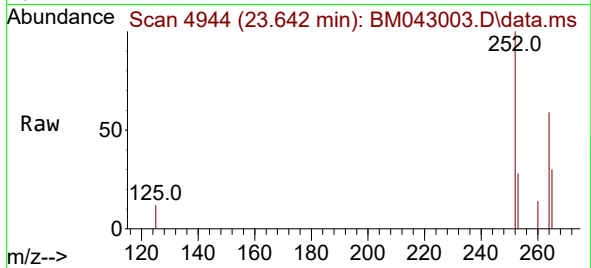




#26
Benzo(a)pyrene
Concen: 0.544 ng/ul
RT: 23.642 min Scan# 4957
Delta R.T. -0.044 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

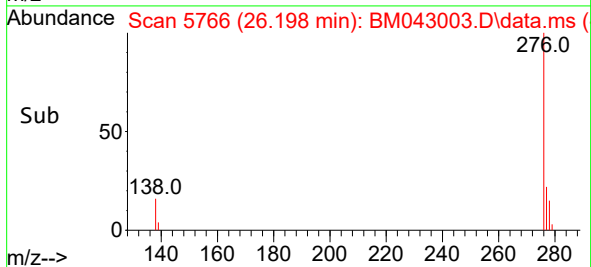
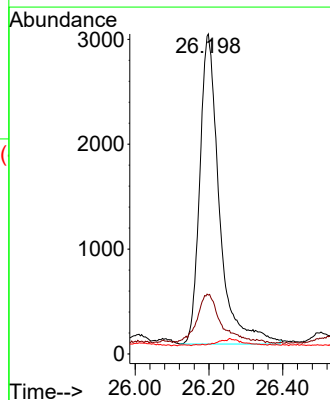
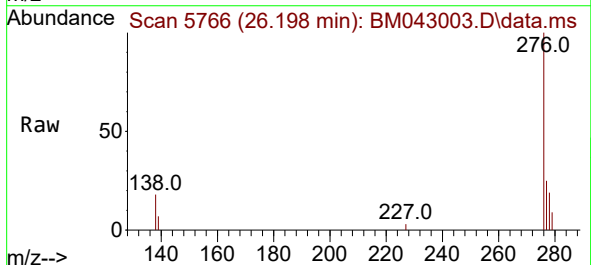
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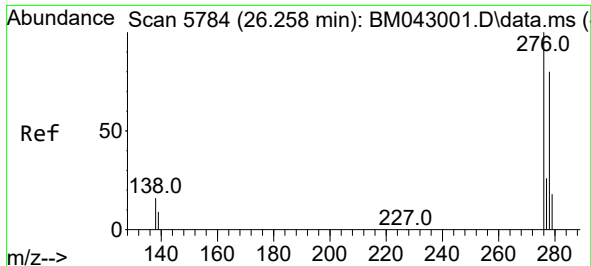
Tgt Ion:252 Resp: 11136
Ion Ratio Lower Upper
252 100
253 28.3 36.6 55.0#
125 12.2 16.2 24.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng/ul
RT: 26.198 min Scan# 5766
Delta R.T. -0.040 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

Tgt Ion:276 Resp: 10870
Ion Ratio Lower Upper
276 100
138 19.1 0.0 0.0#
227 0.0 0.2 0.2#

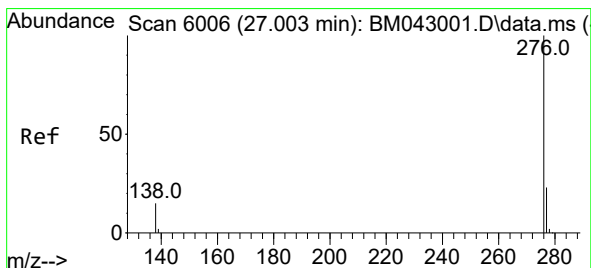
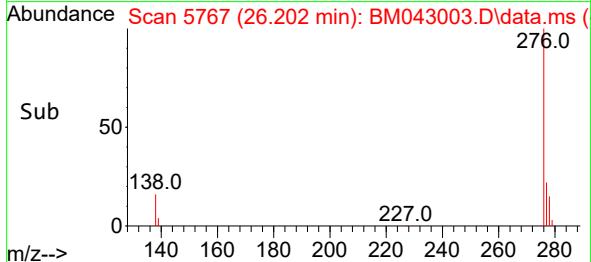
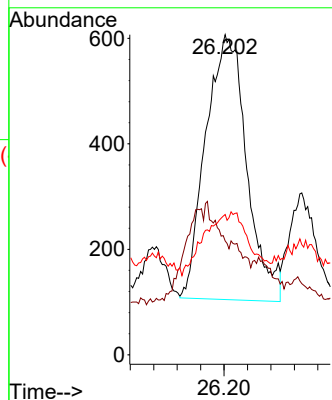
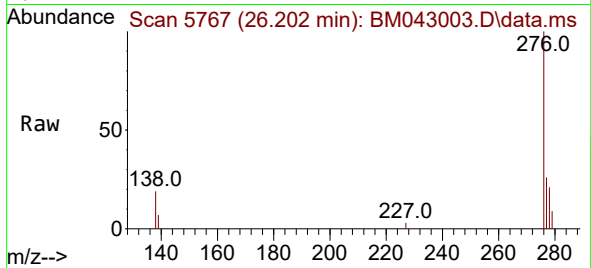




#28
Dibenzo(a,h)anthracene
Concen: 0.114 ng/ul
RT: 26.202 min Scan# 51
Delta R.T. -0.074 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

Instrument :
BNA_M
ClientSampleId :
DCKQ6

Tgt Ion:278 Resp: 2435
Ion Ratio Lower Upper
278 100
139 35.6 18.1 27.1#
279 43.8 34.4 51.6



#29
Benzo(g,h,i)perylene
Concen: 0.432 ng/ul
RT: 26.960 min Scan# 5993
Delta R.T. -0.050 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

Tgt Ion:276 Resp: 11655
Ion Ratio Lower Upper
276 100
138 21.2 17.8 26.8
277 25.8 23.8 35.8

