

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043131.D
 Acq On : 01 Dec 2023 20:21
 Operator : MA/JU
 Sample : 05452-02
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ0

Quant Time: Dec 02 00:07:43 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 : Sat Dec 02 00:03:38 2023
 Response via : Initial Calibration

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

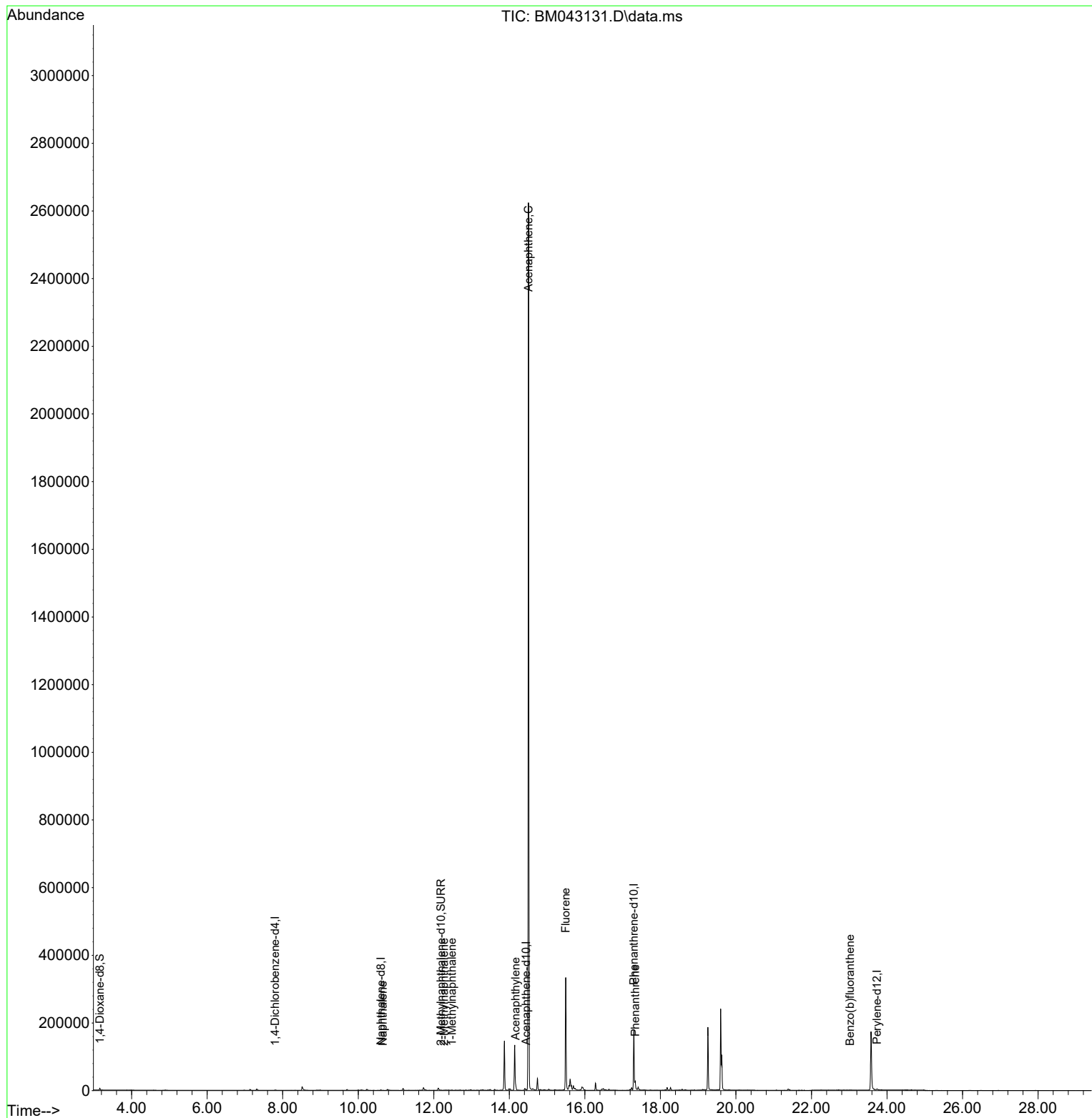
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.801	152	963	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.601	136	2530	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.442	164	1704	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.298	188	211315	0.400	ng/ul	# 0.08
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.40
23) Perylene-d12	23.735	264	5805	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.156	96	3435	2.325	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	902	0.266	ng/ul	-0.03
18) Fluoranthene-d10	19.230	212	2726	0.000	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.651	128	327	0.048	ng/ul#	70
7) 2-Methylnaphthalene	12.273	142	83	0.020	ng/ul#	65
8) 1-Methylnaphthalene	12.482	142	697	0.154	ng/ul	95
10) Acenaphthylene	14.169	152	15021	1.727	ng/ul	93
11) Acenaphthene	14.507	153	1279203	194.144	ng/ul	96
12) Fluorene	15.492	166	198754	29.376	ng/ul#	98
15) Phenanthrene	17.331	178	26842	0.045	ng/ul	93
24) Benzo(b)fluoranthene	23.016	252	449	0.023	ng/ul#	6

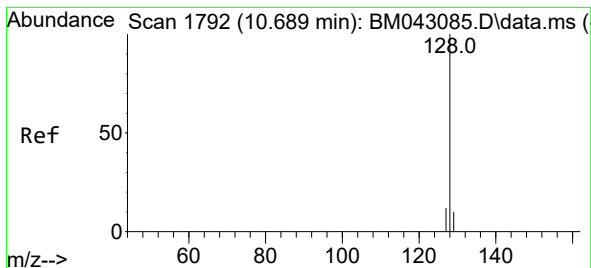
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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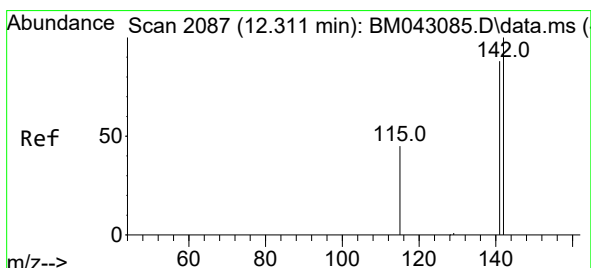
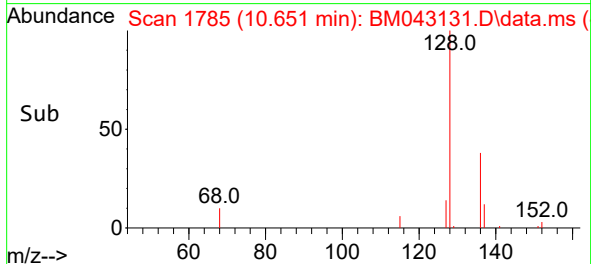
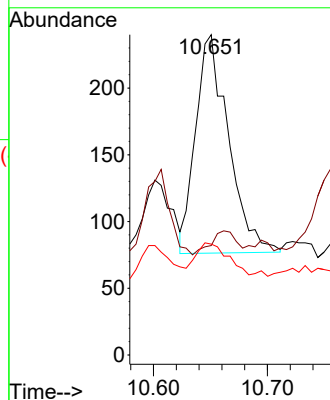
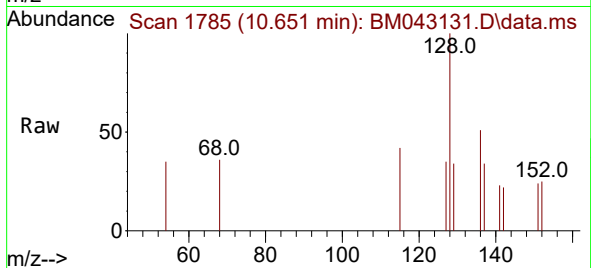




#5
Naphthalene
Concen: 0.048 ng/ul
RT: 10.651 min Scan# 1785
Delta R.T. -0.016 min
Lab File: BM043131.D
Acq: 01 Dec 2023 20:21

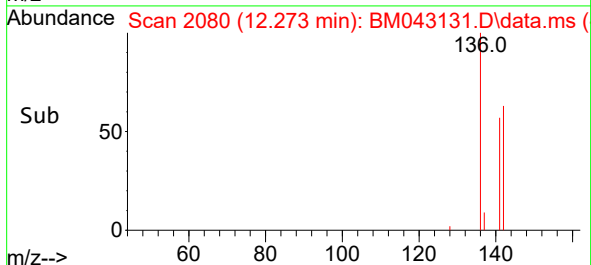
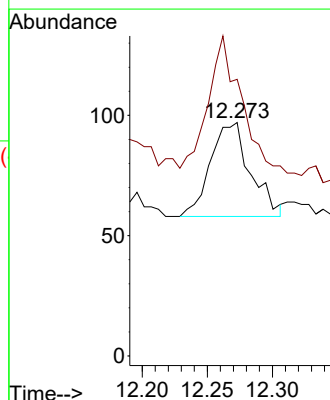
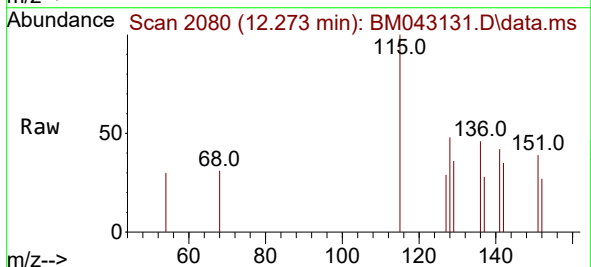
Instrument :
BNA_M
ClientSampleId :
C0AJ0

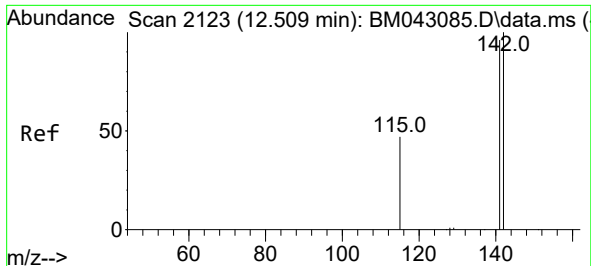
Tgt Ion:128 Resp: 327
Ion Ratio Lower Upper
128 100
129 34.2 16.0 24.0#
127 34.6 16.5 24.7#



#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.273 min Scan# 2080
Delta R.T. -0.022 min
Lab File: BM043131.D
Acq: 01 Dec 2023 20:21

Tgt Ion:142 Resp: 83
Ion Ratio Lower Upper
142 100
141 128.9 76.1 114.1#

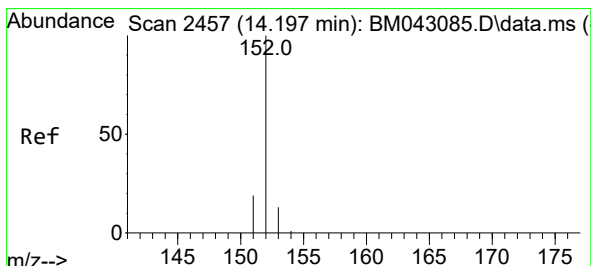
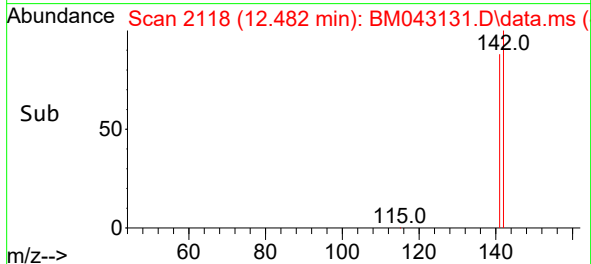
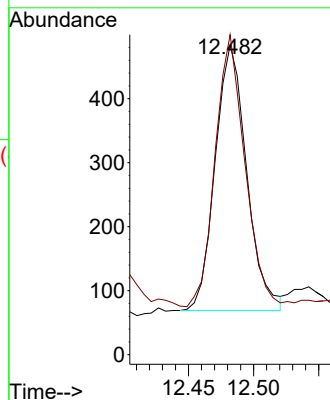
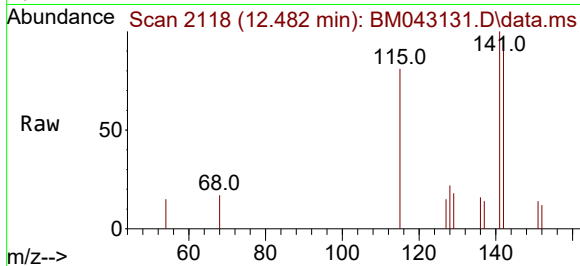




#8
1-Methylnaphthalene
Concen: 0.154 ng/ul
RT: 12.482 min Scan# 2118
Delta R.T. -0.016 min
Lab File: BM043131.D
Acq: 01 Dec 2023 20:21

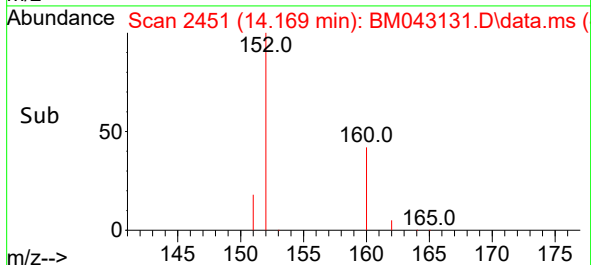
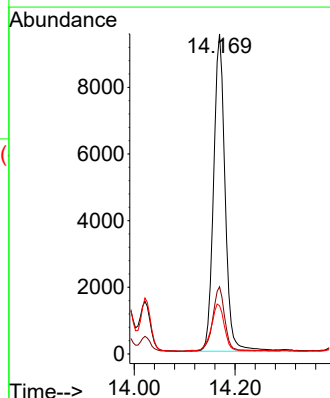
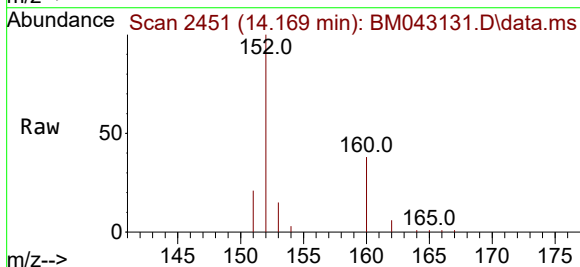
Instrument :
BNA_M
ClientSampleId :
C0AJ0

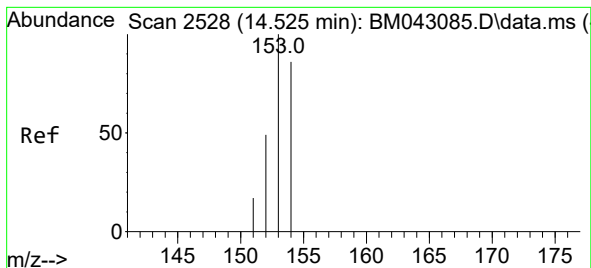
Tgt Ion:142 Resp: 697
Ion Ratio Lower Upper
142 100
141 96.7 73.8 110.8



#10
Acenaphthylene
Concen: 1.727 ng/ul
RT: 14.169 min Scan# 2451
Delta R.T. -0.014 min
Lab File: BM043131.D
Acq: 01 Dec 2023 20:21

Tgt Ion:152 Resp: 15021
Ion Ratio Lower Upper
152 100
151 21.0 19.4 29.0
153 15.1 14.6 21.8

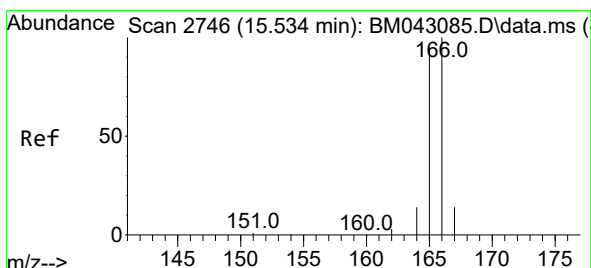
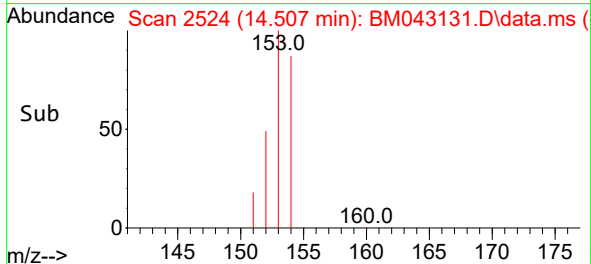
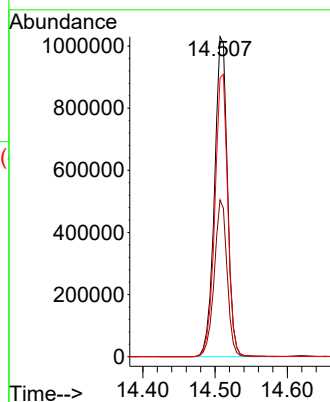
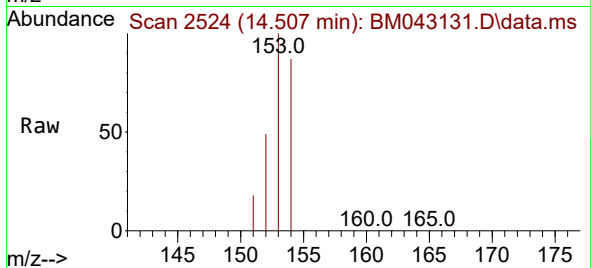




#11
Acenaphthene
Concen: 194.144 ng/ul
RT: 14.507 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM043131.D
Acq: 01 Dec 2023 20:21

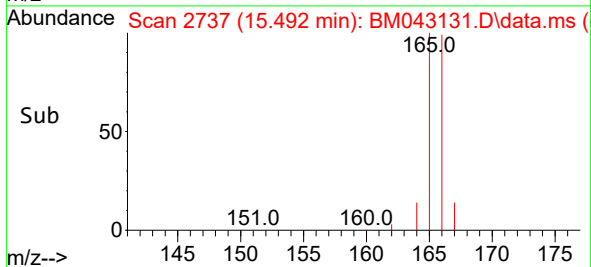
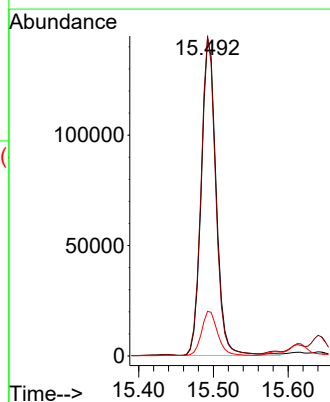
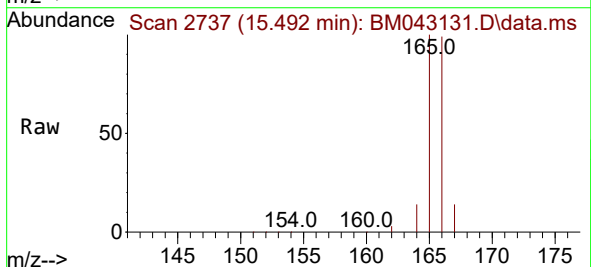
Instrument :
BNA_M
ClientSampleId :
C0AJ0

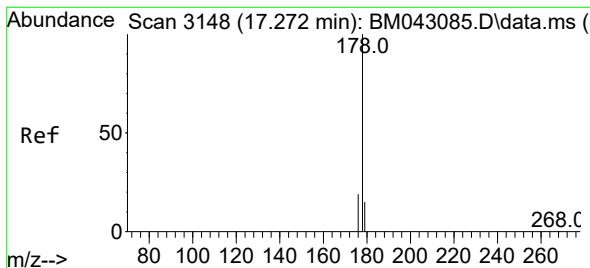
Tgt Ion:153 Resp: 1279203
Ion Ratio Lower Upper
153 100
152 49.0 43.9 65.9
154 87.1 70.6 105.8



#12
Fluorene
Concen: 29.376 ng/ul
RT: 15.492 min Scan# 2737
Delta R.T. -0.023 min
Lab File: BM043131.D
Acq: 01 Dec 2023 20:21

Tgt Ion:166 Resp: 198754
Ion Ratio Lower Upper
166 100
165 100.7 79.9 119.9
167 14.1 14.2 21.4#





#15

Phenanthrene

Concen: 0.045 ng/ul

RT: 17.331 min Scan# 3148

Delta R.T. 0.072 min

Lab File: BM043131.D

Acq: 01 Dec 2023 20:21

Instrument :

BNA_M

ClientSampleId :

C0AJ0

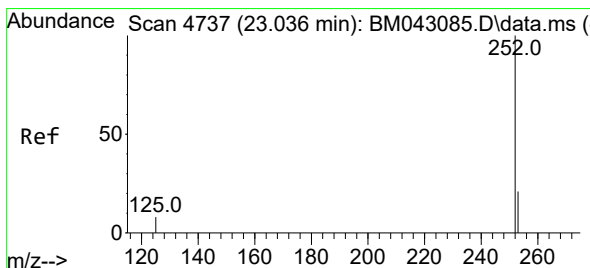
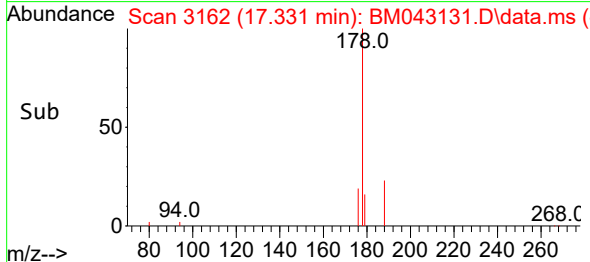
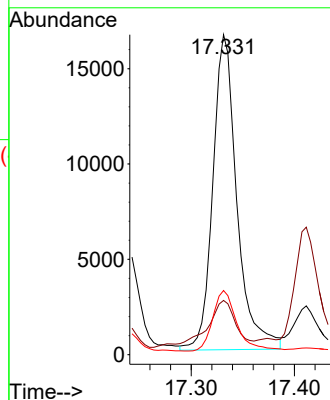
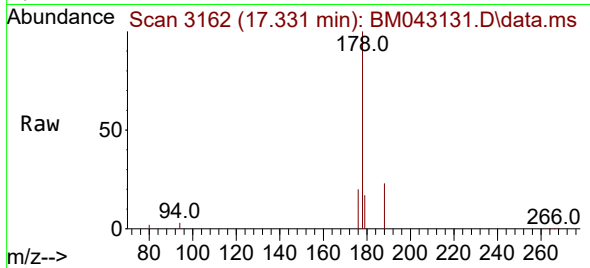
Tgt Ion:178 Resp: 26842

Ion Ratio Lower Upper

178 100

179 17.0 15.7 23.5

176 20.0 18.9 28.3



#24

Benzo(b)fluoranthene

Concen: 0.023 ng/ul

RT: 23.016 min Scan# 4730

Delta R.T. -0.012 min

Lab File: BM043131.D

Acq: 01 Dec 2023 20:21

Tgt Ion:252 Resp: 449

Ion Ratio Lower Upper

252 100

253 92.2 0.0 71.8#

125 50.7 0.0 29.0#

