

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043115.D
 Acq On : 01 Dec 2023 09:58
 Operator : MA/JU
 Sample : 05459-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COAK0

Quant Time: Dec 01 23:18:14 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 : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

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

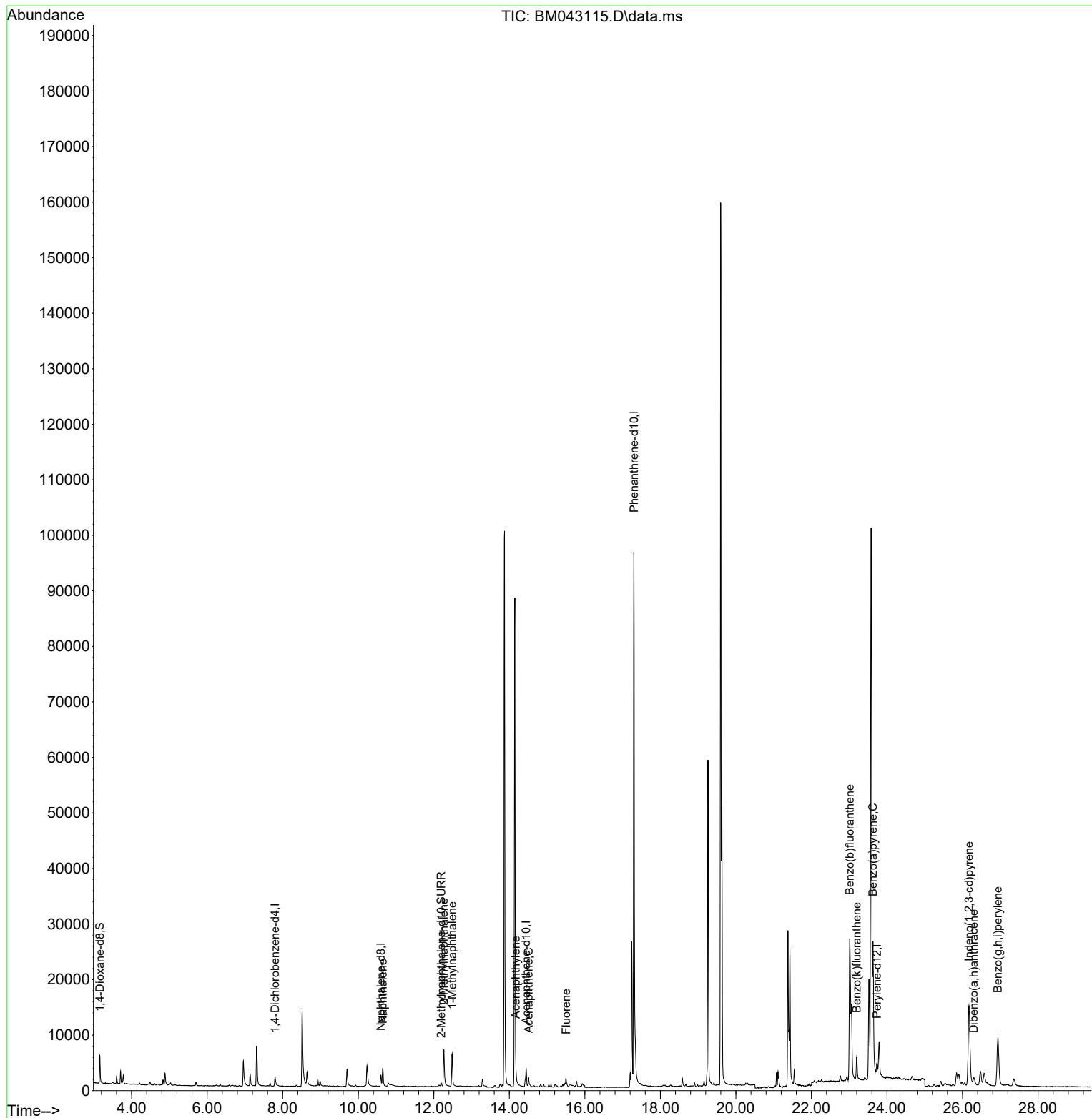
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	1104	0.400	ng/ul	#-0.07
4) Naphthalene-d8	10.600	136	3253	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.445	164	1739	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.300	188	126073	0.400	ng/ul	# 0.07
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.41
23) Perylene-d12	23.736	264	5440	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	3265	1.927	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	1167	0.268	ng/ul	-0.04
18) Fluoranthene-d10	19.233	212	2459	0.000	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.649	128	5214	0.590	ng/ul#	86
7) 2-Methylnaphthalene	12.266	142	5953	1.142	ng/ul	96
8) 1-Methylnaphthalene	12.486	142	4449	0.765	ng/ul	98
10) Acenaphthylene	14.172	152	1323	0.149	ng/ul#	85
11) Acenaphthene	14.510	153	1075	0.160	ng/ul	97
12) Fluorene	15.500	166	1064	0.154	ng/ul#	96
24) Benzo(b)fluoranthene	23.013	252	45743	2.492	ng/ul	81
25) Benzo(k)fluoranthene	23.198	252	5544	0.219	ng/ul	97
26) Benzo(a)pyrene	23.627	252	33877	1.691	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.172	276	31204	1.151	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.299	278	2268	0.108	ng/ul	99
29) Benzo(g,h,i)perylene	26.936	276	21995	0.834	ng/ul#	89

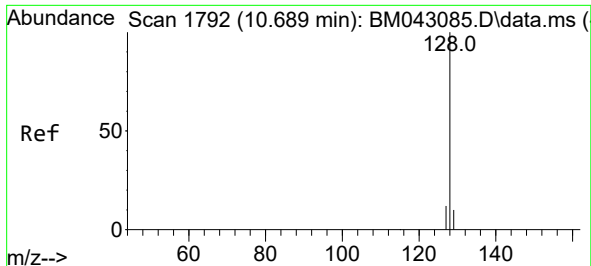
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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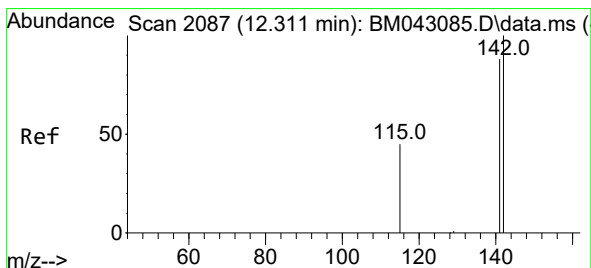
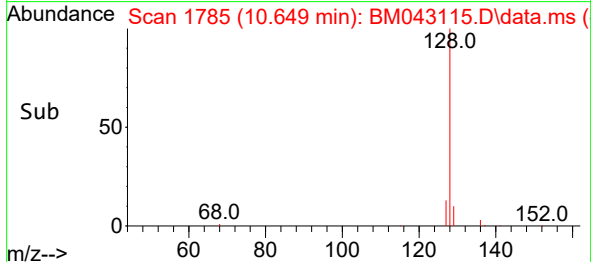
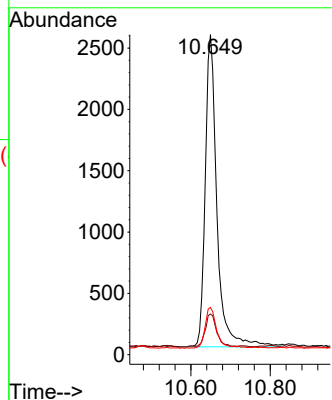
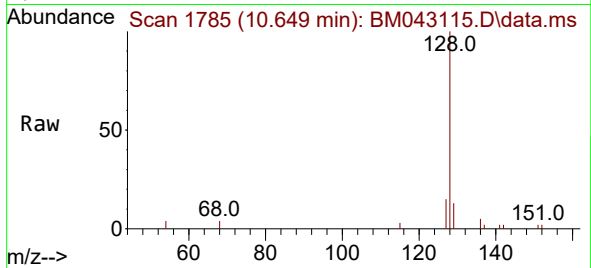




#5
Naphthalene
Concen: 0.590 ng/ul
RT: 10.649 min Scan# 1785
Delta R.T. -0.040 min
Lab File: BM043115.D
Acq: 01 Dec 2023 09:58

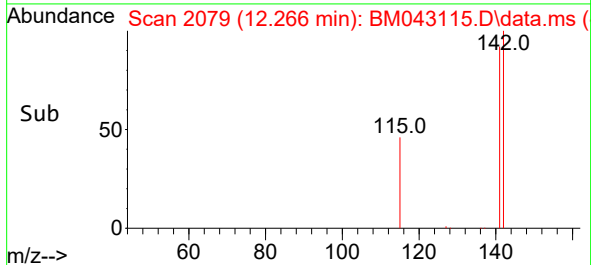
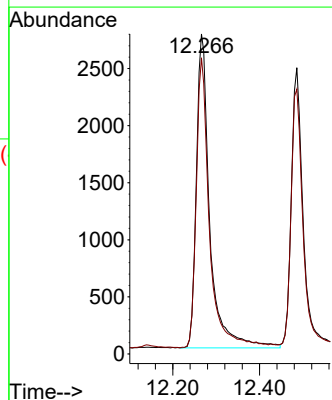
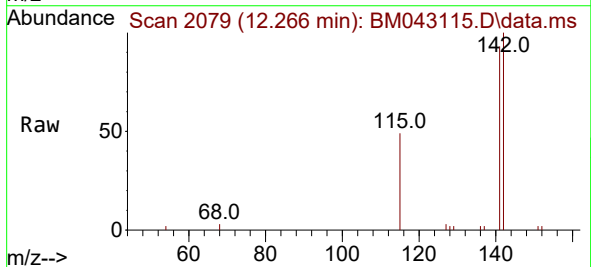
Instrument :
BNA_M
ClientSampleId :
C0AK0

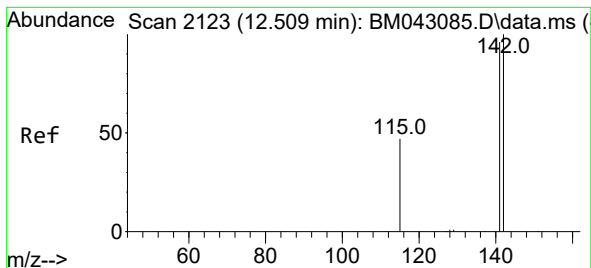
Tgt Ion:128 Resp: 5214
Ion Ratio Lower Upper
128 100
129 12.7 16.0 24.0#
127 14.8 16.5 24.7#



#7
2-Methylnaphthalene
Concen: 1.142 ng/ul
RT: 12.266 min Scan# 2079
Delta R.T. -0.045 min
Lab File: BM043115.D
Acq: 01 Dec 2023 09:58

Tgt Ion:142 Resp: 5953
Ion Ratio Lower Upper
142 100
141 91.0 76.1 114.1





#8

1-Methylnaphthalene

Concen: 0.765 ng/ul

RT: 12.486 min Scan# 2119

Delta R.T. -0.023 min

Lab File: BM043115.D

Acq: 01 Dec 2023 09:58

Instrument :

BNA_M

ClientSampleId :

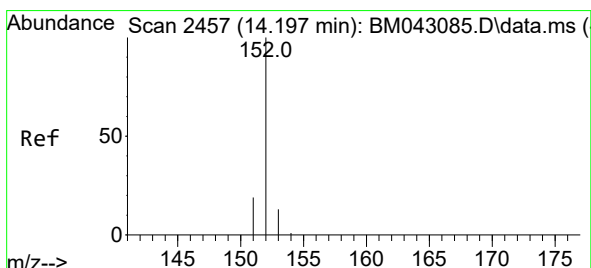
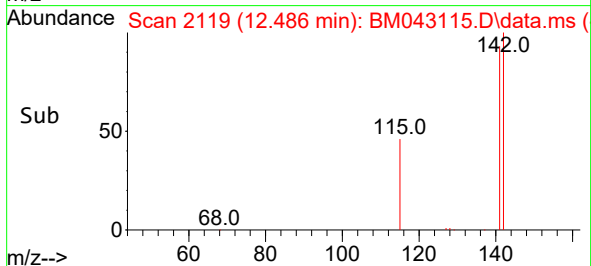
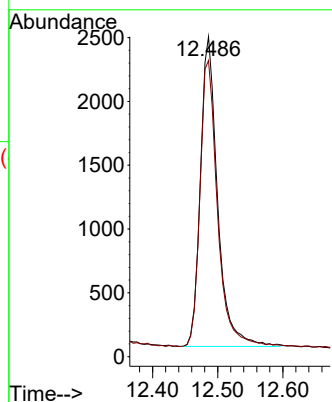
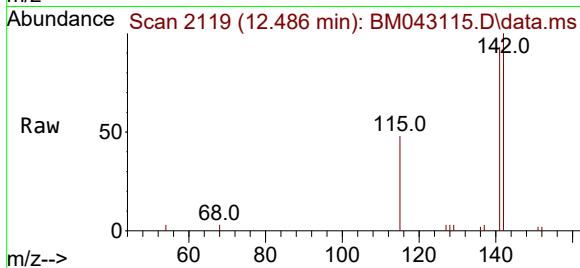
C0AK0

Tgt Ion:142 Resp: 4449

Ion Ratio Lower Upper

142 100

141 94.0 73.8 110.8



#10

Acenaphthylene

Concen: 0.149 ng/ul

RT: 14.172 min Scan# 2452

Delta R.T. -0.024 min

Lab File: BM043115.D

Acq: 01 Dec 2023 09:58

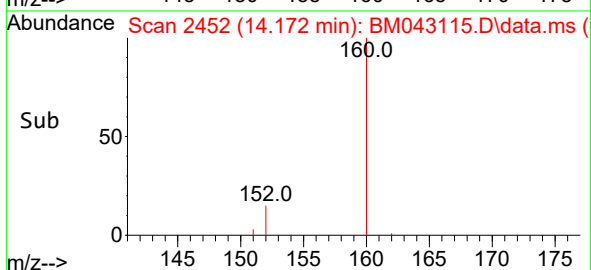
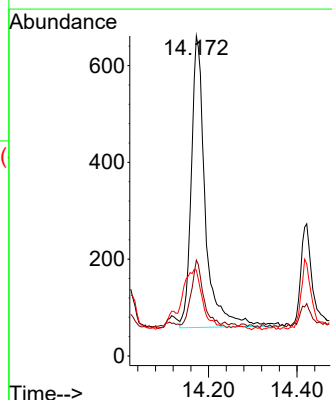
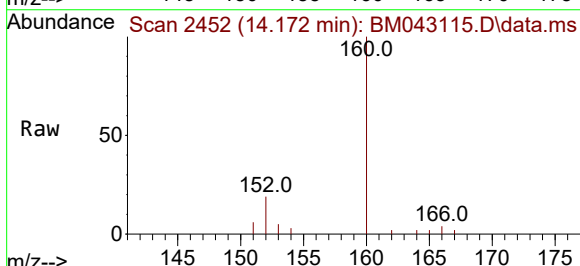
Tgt Ion:152 Resp: 1323

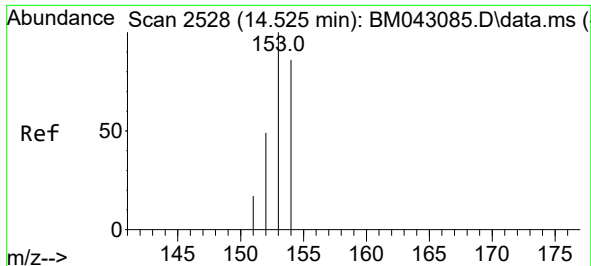
Ion Ratio Lower Upper

152 100

151 30.0 19.4 29.0#

153 26.8 14.6 21.8#

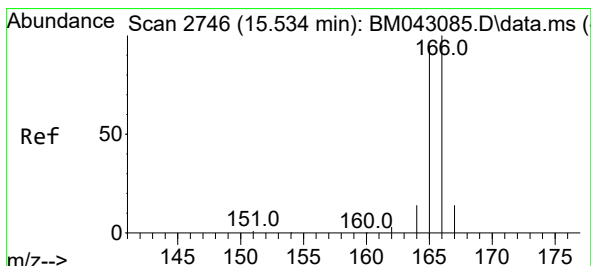
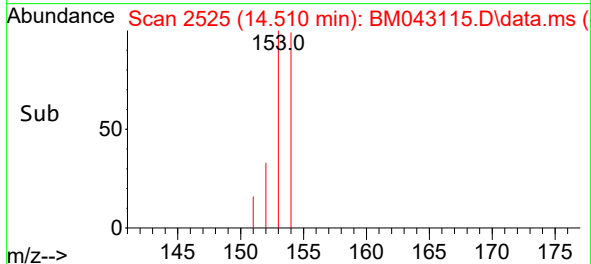
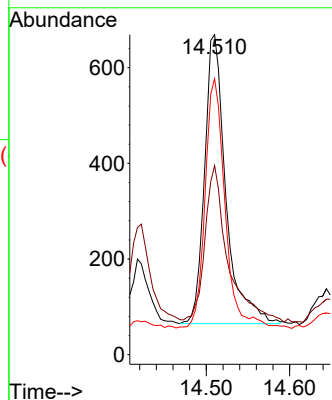
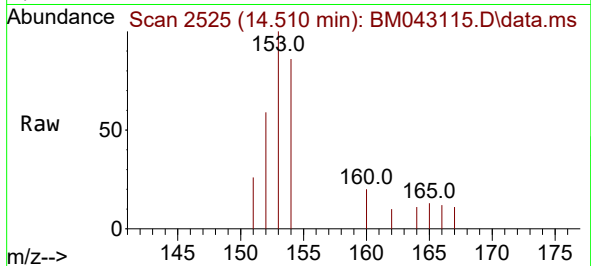




#11
Acenaphthene
Concen: 0.160 ng/ul
RT: 14.510 min Scan# 21
Delta R.T. -0.015 min
Lab File: BM043115.D
Acq: 01 Dec 2023 09:58

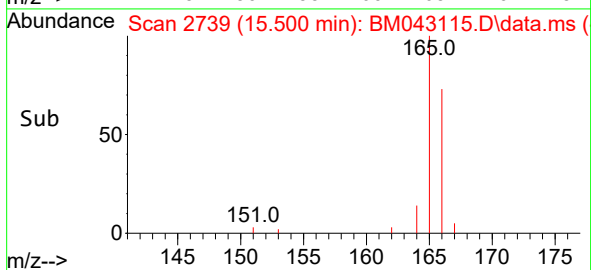
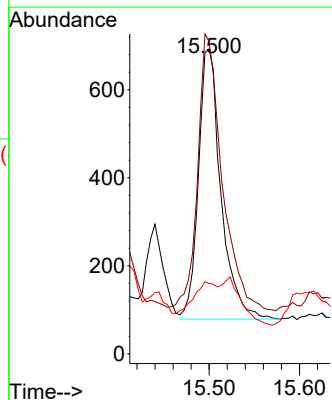
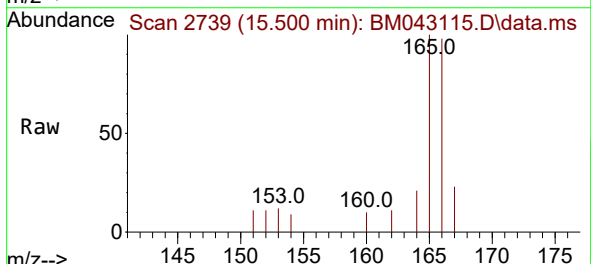
Instrument :
BNA_M
ClientSampleId :
COAK0

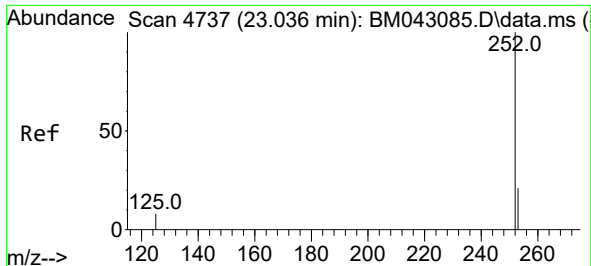
Tgt Ion:153 Resp: 1075
Ion Ratio Lower Upper
153 100
152 59.0 43.9 65.9
154 86.2 70.6 105.8



#12
Fluorene
Concen: 0.154 ng/ul
RT: 15.500 min Scan# 2739
Delta R.T. -0.034 min
Lab File: BM043115.D
Acq: 01 Dec 2023 09:58

Tgt Ion:166 Resp: 1064
Ion Ratio Lower Upper
166 100
165 102.5 79.9 119.9
167 23.1 14.2 21.4#

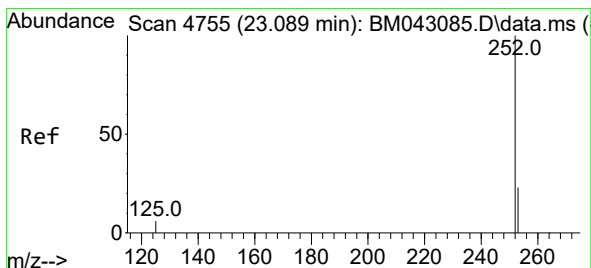
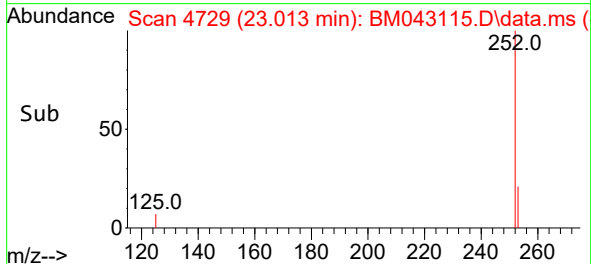
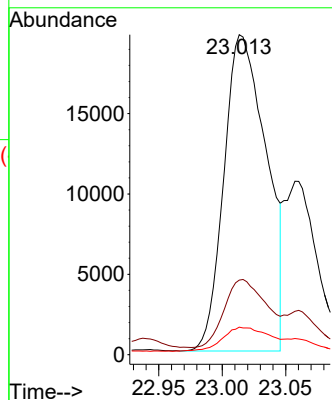
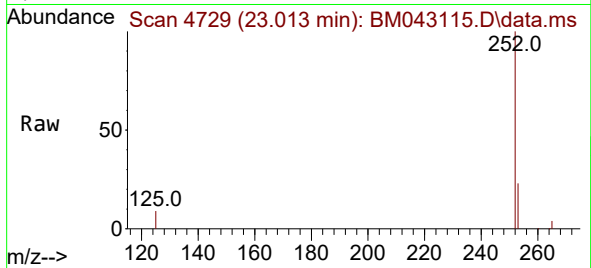




#24
Benzo(b)fluoranthene
Concen: 2.492 ng/ul
RT: 23.013 min Scan# 4729
Delta R.T. -0.023 min
Lab File: BM043115.D
Acq: 01 Dec 2023 09:58

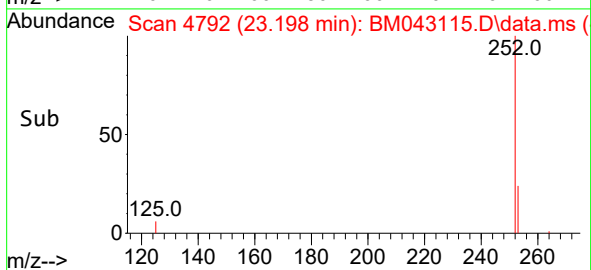
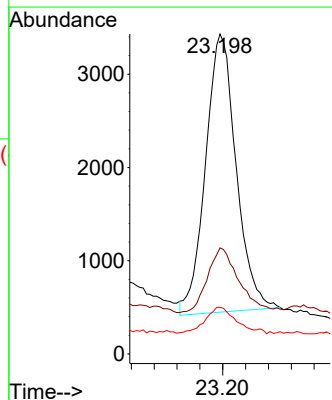
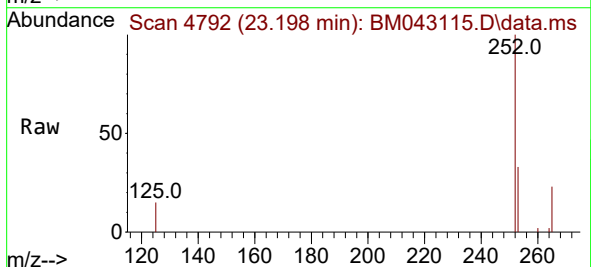
Instrument :
BNA_M
ClientSampleId :
C0AK0

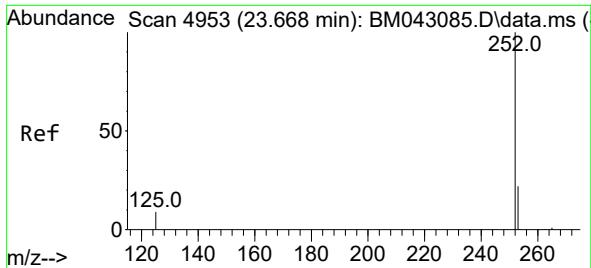
Tgt Ion:252 Resp: 45743
Ion Ratio Lower Upper
252 100
253 23.3 0.0 71.8
125 8.6 0.0 29.0



#25
Benzo(k)fluoranthene
Concen: 0.219 ng/ul
RT: 23.198 min Scan# 4792
Delta R.T. 0.109 min
Lab File: BM043115.D
Acq: 01 Dec 2023 09:58

Tgt Ion:252 Resp: 5544
Ion Ratio Lower Upper
252 100
253 33.2 28.2 42.2
125 14.5 11.0 16.6

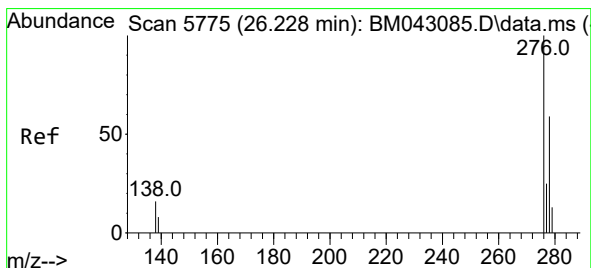
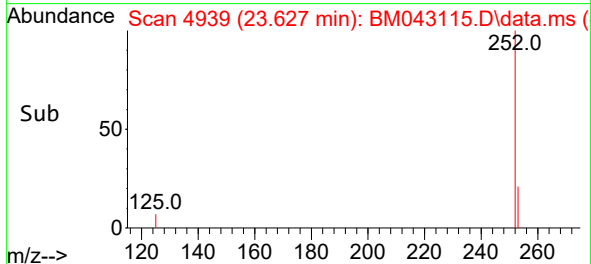
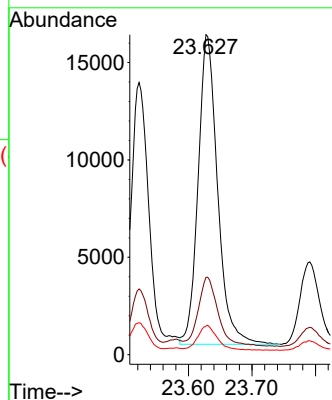
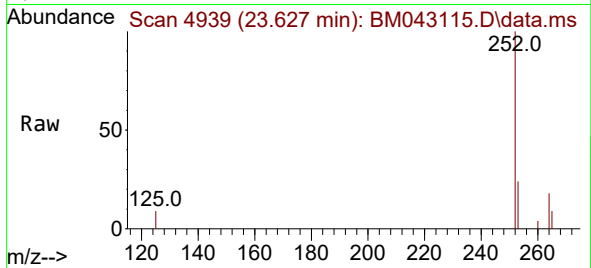




#26
Benzo(a)pyrene
Concen: 1.691 ng/ul
RT: 23.627 min Scan# 4939
Delta R.T. -0.040 min
Lab File: BM043115.D
Acq: 01 Dec 2023 09:58

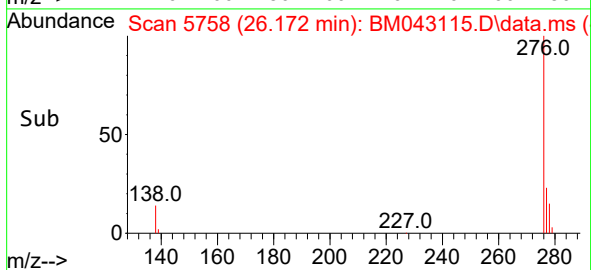
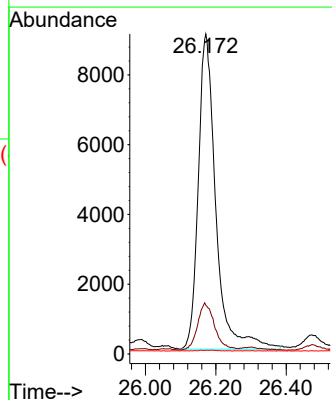
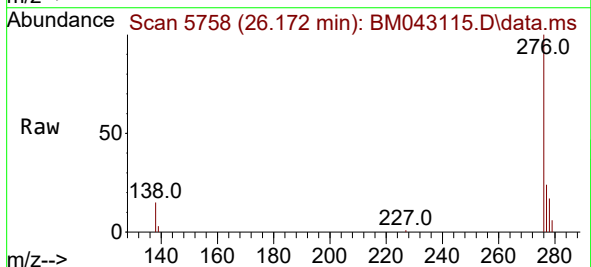
Instrument :
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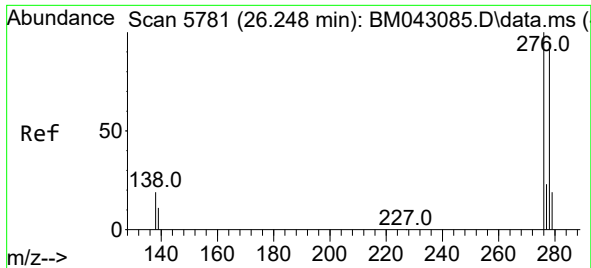
Tgt Ion:252 Resp: 33877
Ion Ratio Lower Upper
252 100
253 24.2 36.6 55.0#
125 8.9 16.2 24.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.151 ng/ul
RT: 26.172 min Scan# 5758
Delta R.T. -0.057 min
Lab File: BM043115.D
Acq: 01 Dec 2023 09:58

Tgt Ion:276 Resp: 31204
Ion Ratio Lower Upper
276 100
138 14.5 0.0 0.0#
227 0.1 0.2 0.2#

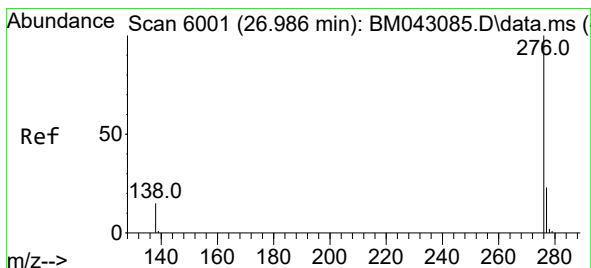
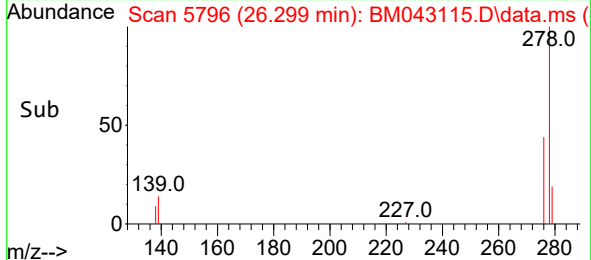
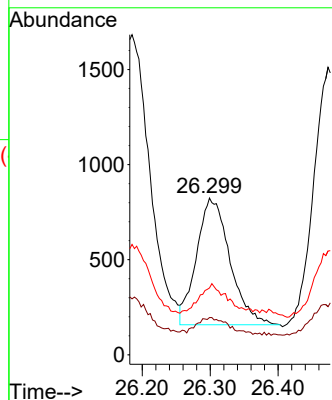
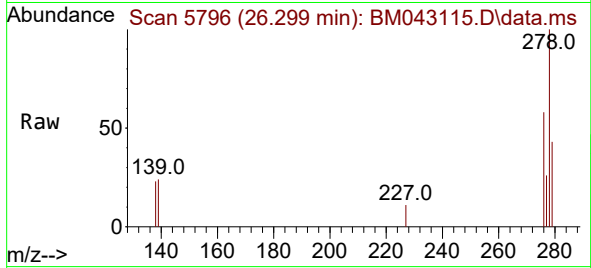




#28
Dibenzo(a,h)anthracene
Concen: 0.108 ng/ul
RT: 26.299 min Scan# 51
Delta R.T. 0.051 min
Lab File: BM043115.D
Acq: 01 Dec 2023 09:58

Instrument :
BNA_M
ClientSampleId :
C0AK0

Tgt Ion:278 Resp: 2268
Ion Ratio Lower Upper
278 100
139 23.8 18.1 27.1
279 42.6 34.4 51.6



#29
Benzo(g,h,i)perylene
Concen: 0.834 ng/ul
RT: 26.936 min Scan# 5986
Delta R.T. -0.050 min
Lab File: BM043115.D
Acq: 01 Dec 2023 09:58

Tgt Ion:276 Resp: 21995
Ion Ratio Lower Upper
276 100
138 16.2 17.8 26.8#
277 24.8 23.8 35.8

