

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043114.D
 Acq On : 01 Dec 2023 09:22
 Operator : MA/JU
 Sample : 05459-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA7

Quant Time: Dec 01 23:18:05 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)

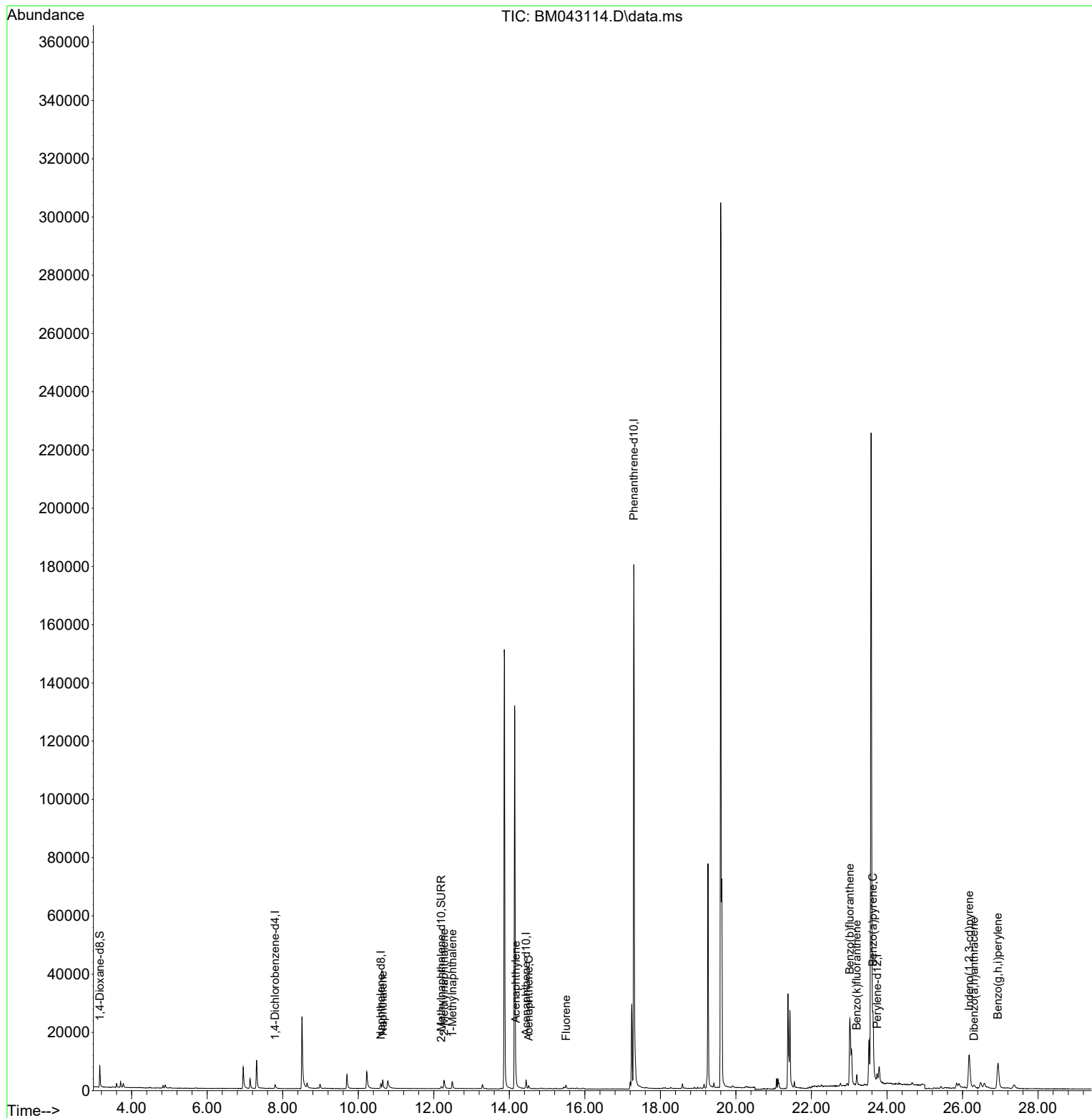
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	920	0.400	ng/ul	#-0.06
4) Naphthalene-d8	10.600	136	2675	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.445	164	1473	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.296	188	227078	0.400	ng/ul	# 0.07
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.41
23) Perylene-d12	23.739	264	7385	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	4766	3.376	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	1319	0.369	ng/ul	-0.03
18) Fluoranthene-d10	19.229	212	3844	0.000	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.649	128	4611	0.634	ng/ul#	86
7) 2-Methylnaphthalene	12.272	142	2848	0.664	ng/ul	96
8) 1-Methylnaphthalene	12.492	142	1963	0.411	ng/ul	96
10) Acenaphthylene	14.172	152	3776	0.502	ng/ul	95
11) Acenaphthene	14.510	153	671	0.118	ng/ul	98
12) Fluorene	15.500	166	945	0.162	ng/ul#	97
24) Benzo(b)fluoranthene	23.016	252	41554	1.667	ng/ul	81
25) Benzo(k)fluoranthene	23.201	252	4940	0.144	ng/ul	97
26) Benzo(a)pyrene	23.628	252	30748	1.131	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.175	276	24941	0.678	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.306	278	1682	0.059	ng/ul	95
29) Benzo(g,h,i)perylene	26.936	276	22591	0.631	ng/ul#	90

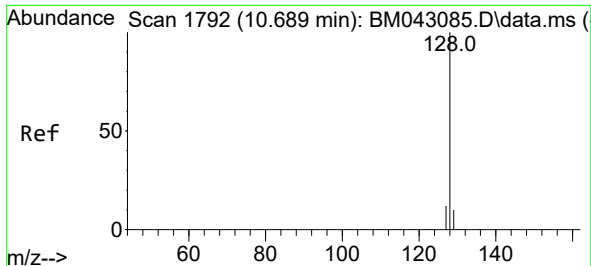
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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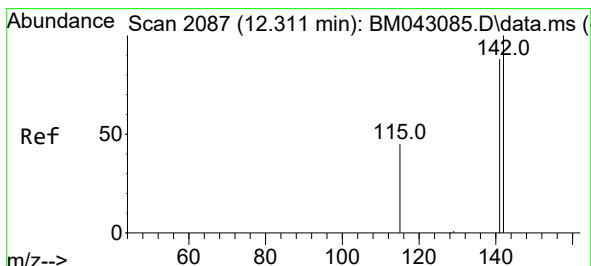
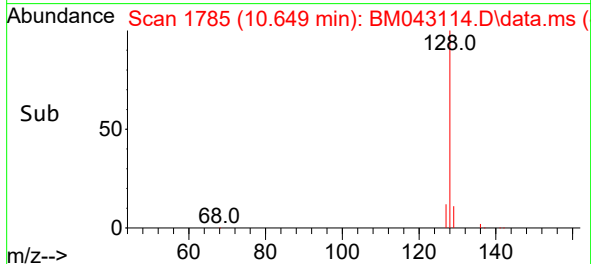
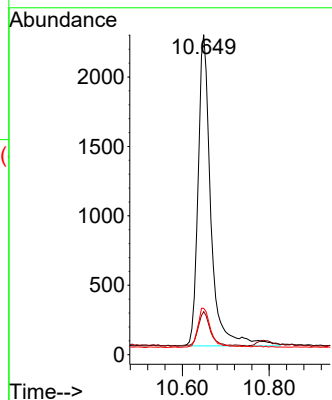
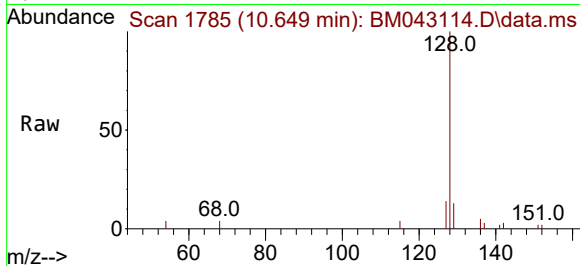




#5
Naphthalene
Concen: 0.634 ng/ul
RT: 10.649 min Scan# 1792
Delta R.T. -0.040 min
Lab File: BM043114.D
Acq: 01 Dec 2023 09:22

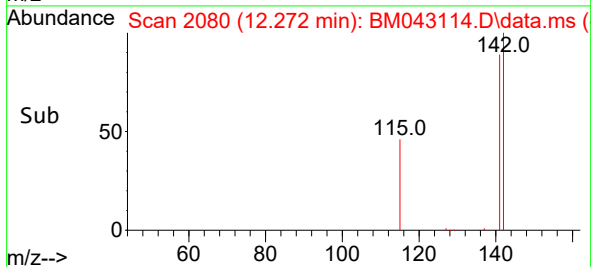
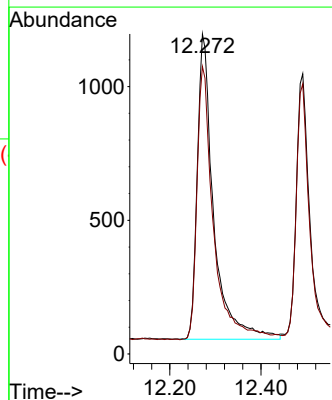
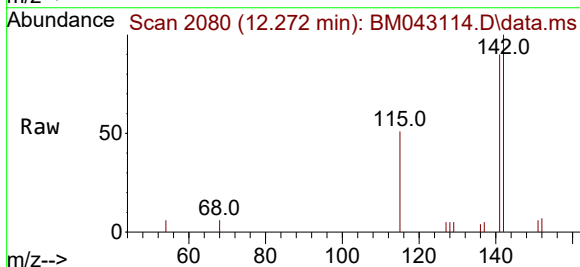
Instrument :
BNA_M
ClientSampleId :
C0AA7

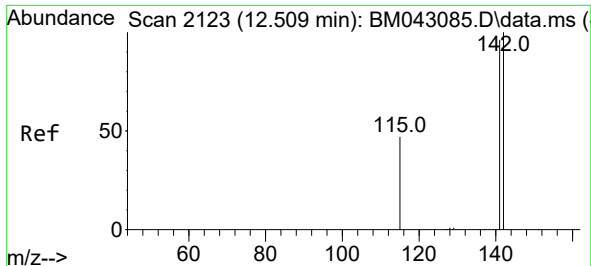
Tgt Ion:128 Resp: 4611
Ion Ratio Lower Upper
128 100
129 13.4 16.0 24.0#
127 14.5 16.5 24.7#



#7
2-Methylnaphthalene
Concen: 0.664 ng/ul
RT: 12.272 min Scan# 2080
Delta R.T. -0.040 min
Lab File: BM043114.D
Acq: 01 Dec 2023 09:22

Tgt Ion:142 Resp: 2848
Ion Ratio Lower Upper
142 100
141 91.2 76.1 114.1

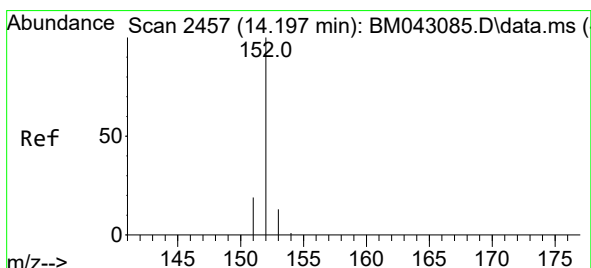
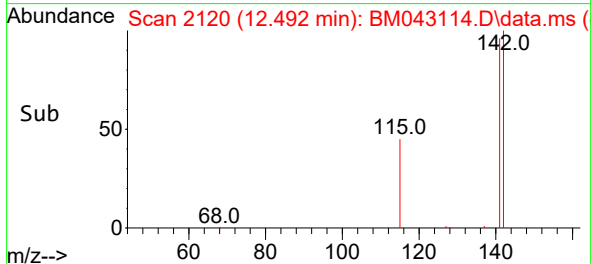
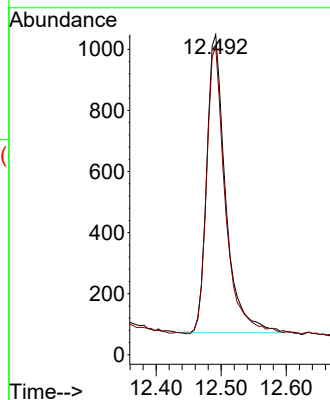
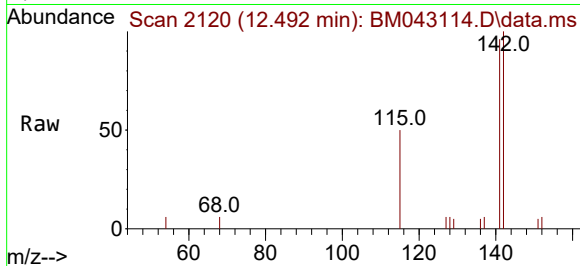




#8
1-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.492 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM043114.D
Acq: 01 Dec 2023 09:22

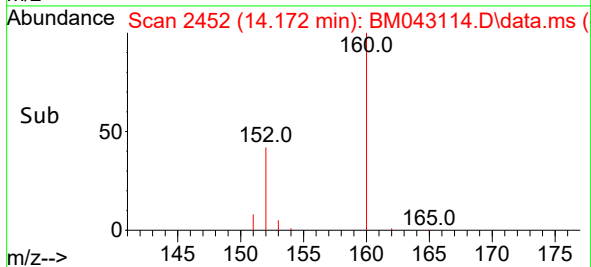
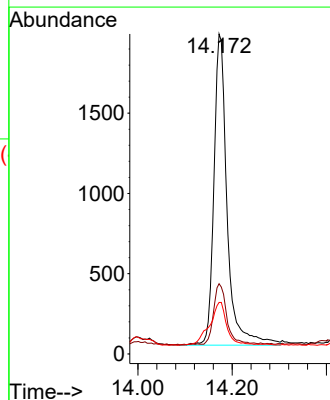
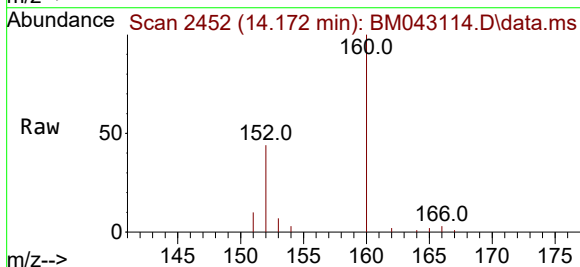
Instrument :
BNA_M
ClientSampleId :
C0AA7

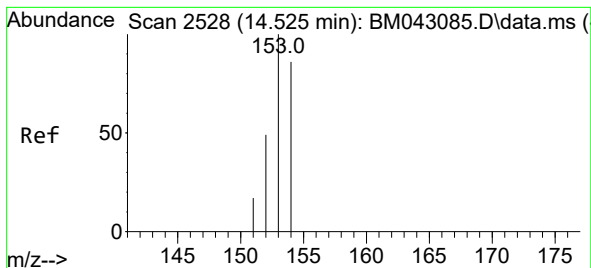
Tgt Ion:142 Resp: 1963
Ion Ratio Lower Upper
142 100
141 95.7 73.8 110.8



#10
Acenaphthylene
Concen: 0.502 ng/ul
RT: 14.172 min Scan# 2452
Delta R.T. -0.024 min
Lab File: BM043114.D
Acq: 01 Dec 2023 09:22

Tgt Ion:152 Resp: 3776
Ion Ratio Lower Upper
152 100
151 22.0 19.4 29.0
153 16.1 14.6 21.8





#11

Acenaphthene

Concen: 0.118 ng/ul

RT: 14.510 min Scan# 21

Delta R.T. -0.015 min

Lab File: BM043114.D

Acq: 01 Dec 2023 09:22

Instrument :

BNA_M

ClientSampleId :

C0AA7

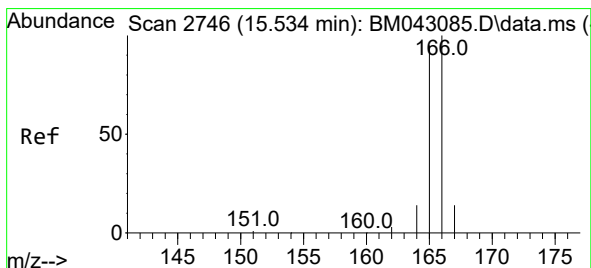
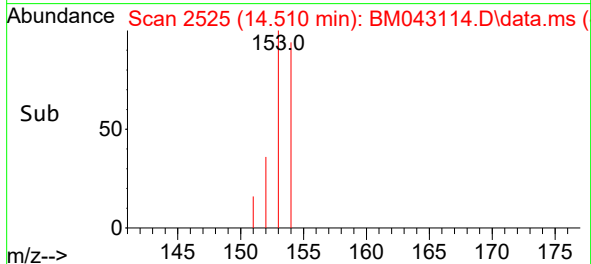
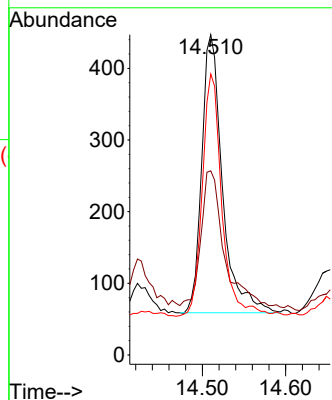
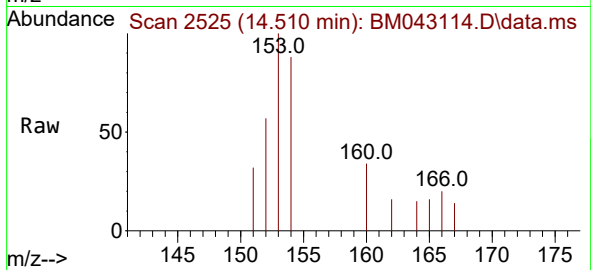
Tgt Ion:153 Resp: 671

Ion Ratio Lower Upper

153 100

152 57.5 43.9 65.9

154 87.7 70.6 105.8



#12

Fluorene

Concen: 0.162 ng/ul

RT: 15.500 min Scan# 2739

Delta R.T. -0.034 min

Lab File: BM043114.D

Acq: 01 Dec 2023 09:22

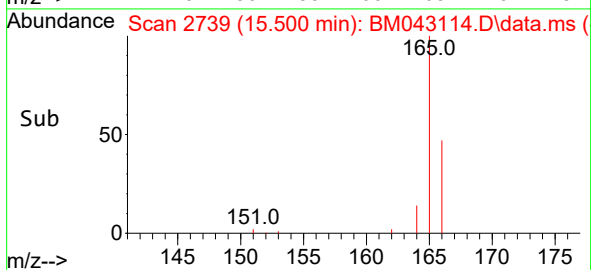
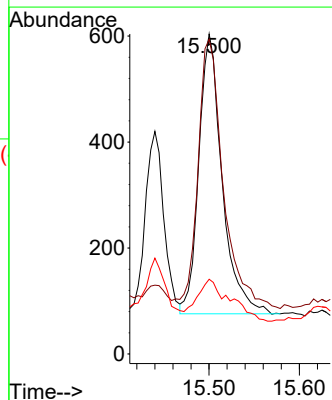
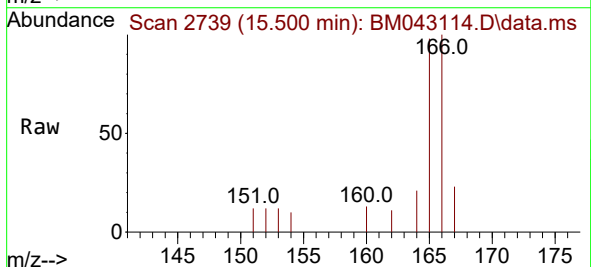
Tgt Ion:166 Resp: 945

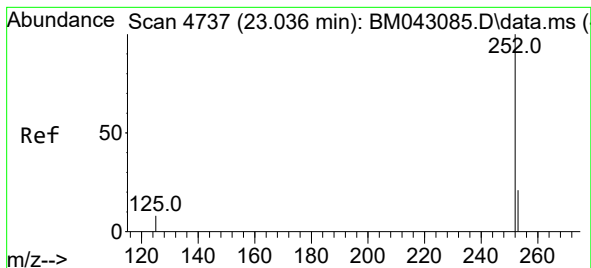
Ion Ratio Lower Upper

166 100

165 98.3 79.9 119.9

167 23.3 14.2 21.4#





#24

Benzo(b)fluoranthene

Concen: 1.667 ng/ul

RT: 23.016 min Scan# 41

Delta R.T. -0.020 min

Lab File: BM043114.D

Acq: 01 Dec 2023 09:22

Instrument :

BNA_M

ClientSampleId :

C0AA7

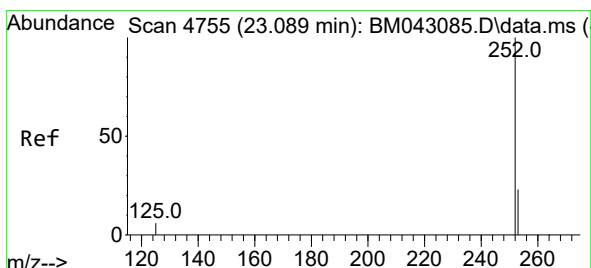
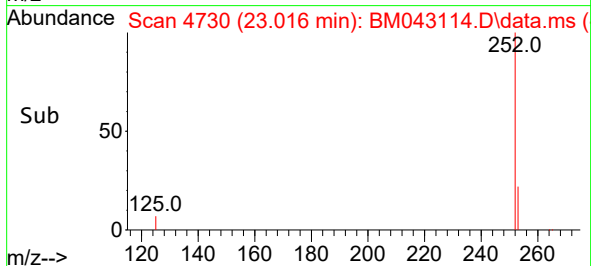
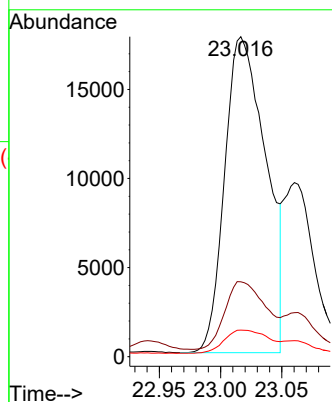
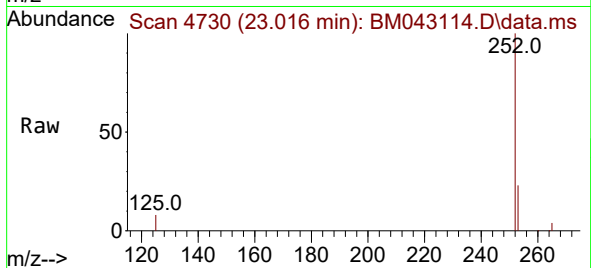
Tgt Ion:252 Resp: 41554

Ion Ratio Lower Upper

252 100

253 23.4 0.0 71.8

125 8.3 0.0 29.0



#25

Benzo(k)fluoranthene

Concen: 0.144 ng/ul

RT: 23.201 min Scan# 4793

Delta R.T. 0.112 min

Lab File: BM043114.D

Acq: 01 Dec 2023 09:22

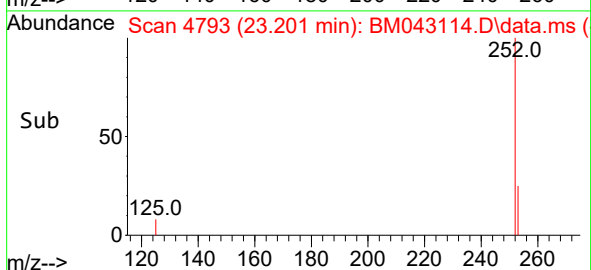
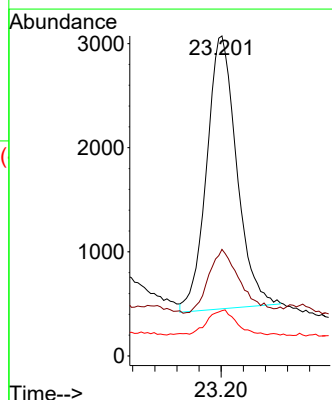
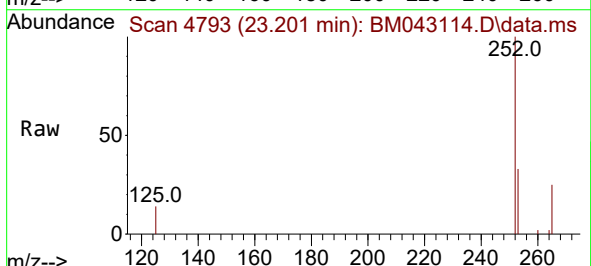
Tgt Ion:252 Resp: 4940

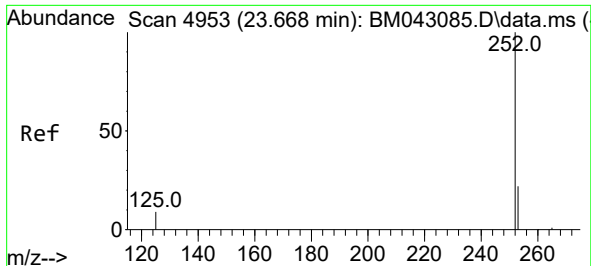
Ion Ratio Lower Upper

252 100

253 33.3 28.2 42.2

125 14.2 11.0 16.6

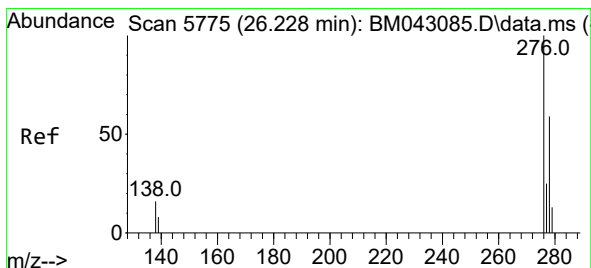
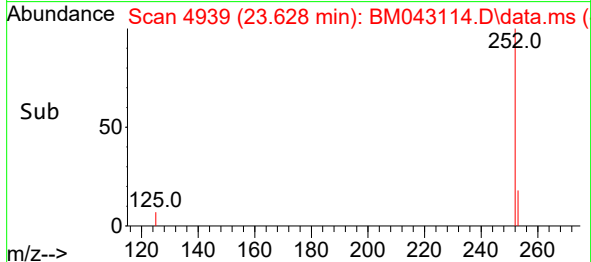
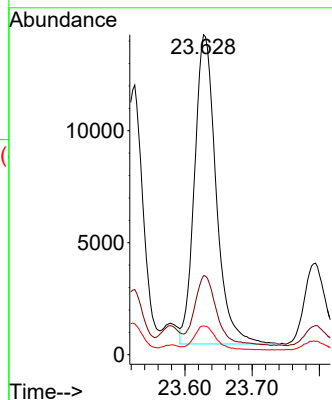
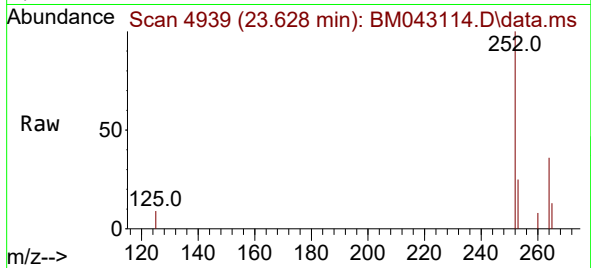




#26
Benzo(a)pyrene
Concen: 1.131 ng/ul
RT: 23.628 min Scan# 4939
Delta R.T. -0.040 min
Lab File: BM043114.D
Acq: 01 Dec 2023 09:22

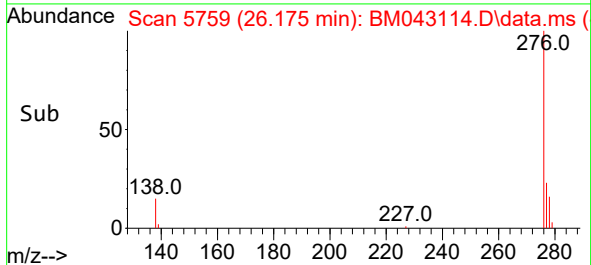
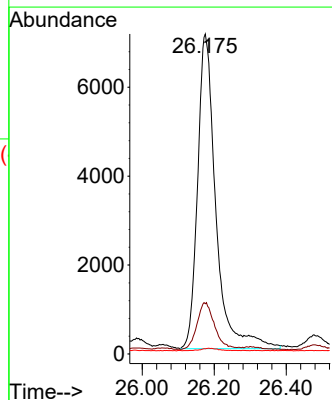
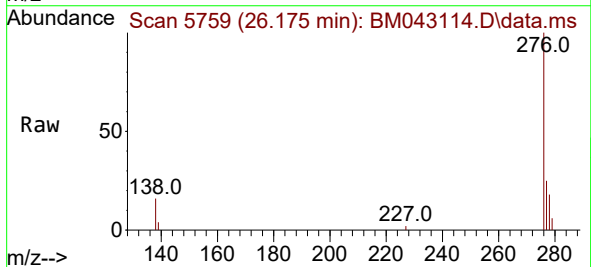
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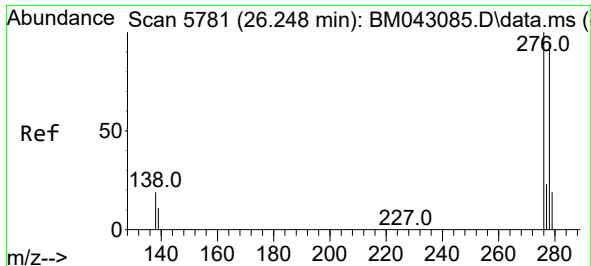
Tgt Ion:252 Resp: 30748
Ion Ratio Lower Upper
252 100
253 24.7 36.6 55.0#
125 8.9 16.2 24.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.678 ng/ul
RT: 26.175 min Scan# 5759
Delta R.T. -0.053 min
Lab File: BM043114.D
Acq: 01 Dec 2023 09:22

Tgt Ion:276 Resp: 24941
Ion Ratio Lower Upper
276 100
138 14.5 0.0 0.0#
227 0.7 0.2 0.2#

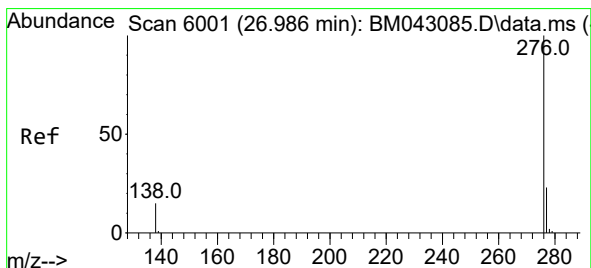
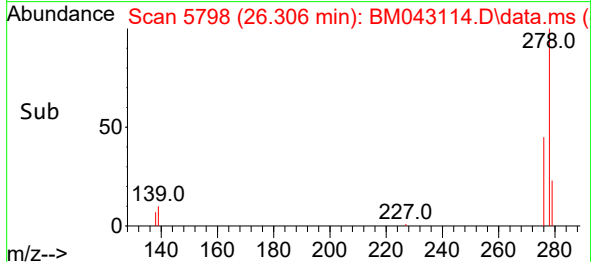
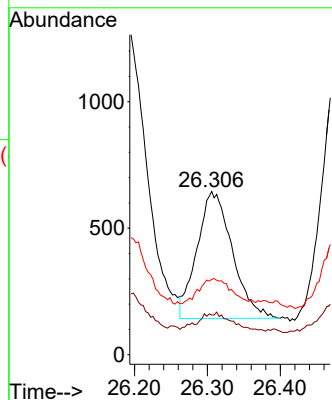
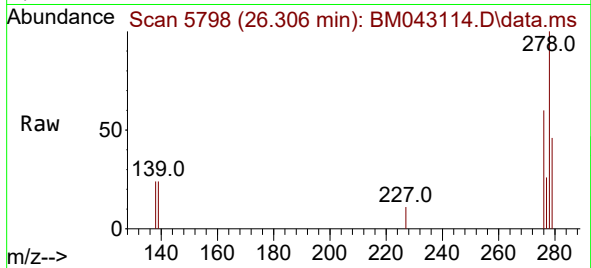




#28
 Dibenzo(a,h)anthracene
 Concen: 0.059 ng/ul
 RT: 26.306 min Scan# 51
 Delta R.T. 0.058 min
 Lab File: BM043114.D
 Acq: 01 Dec 2023 09:22

Instrument :
 BNA_M
 ClientSampleId :
 C0AA7

Tgt Ion:278 Resp: 1682
 Ion Ratio Lower Upper
 278 100
 139 24.3 18.1 27.1
 279 46.2 34.4 51.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.631 ng/ul
 RT: 26.936 min Scan# 5986
 Delta R.T. -0.050 min
 Lab File: BM043114.D
 Acq: 01 Dec 2023 09:22

Tgt Ion:276 Resp: 22591
 Ion Ratio Lower Upper
 276 100
 138 16.6 17.8 26.8#
 277 25.3 23.8 35.8

