

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043097.D
 Acq On : 30 Nov 2023 22:29
 Operator : MA/JU
 Sample : 05449-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ3

Quant Time: Dec 01 00:44:52 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)

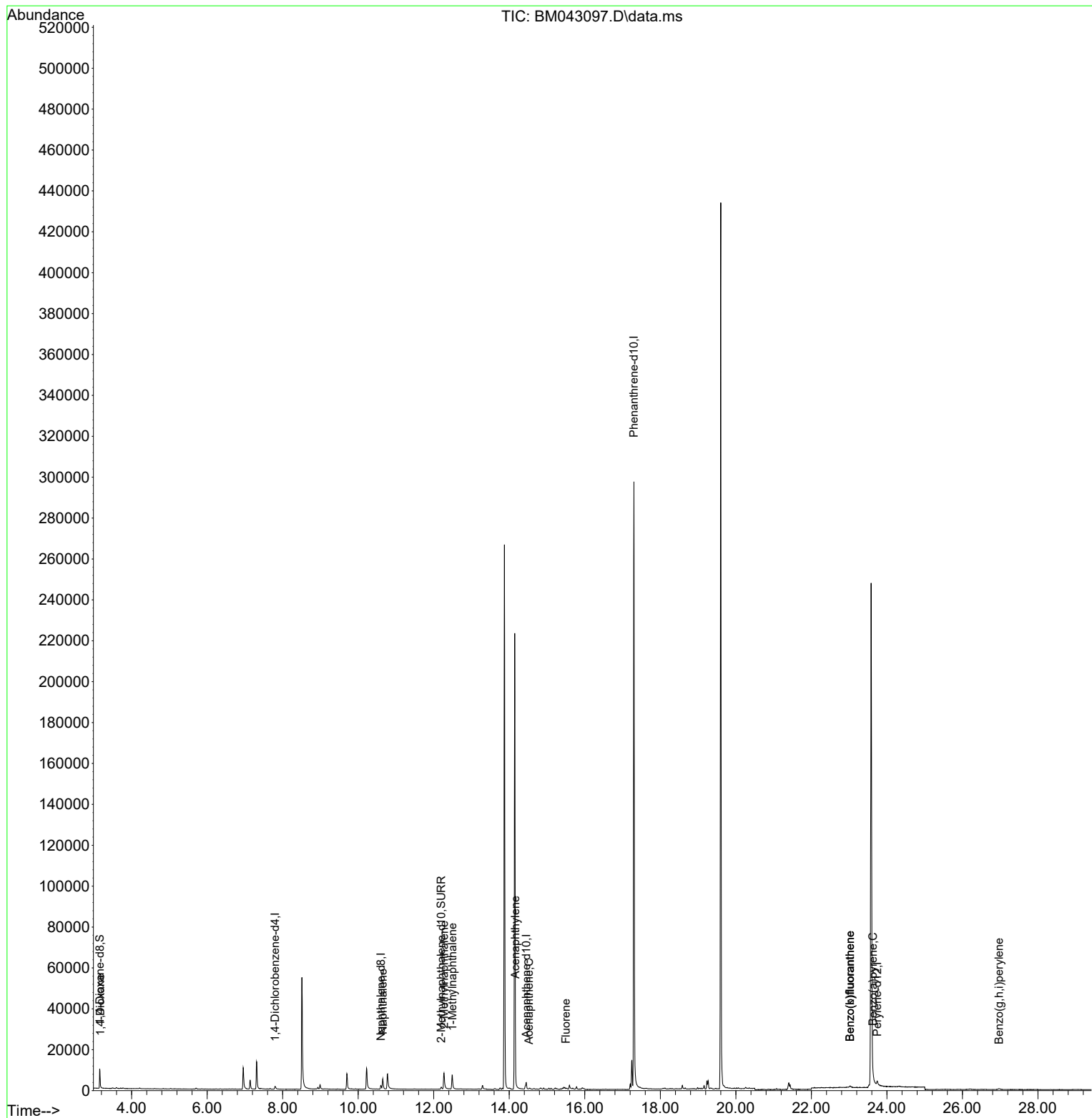
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	942	0.400	ng/ul	#-0.06
4) Naphthalene-d8	10.600	136	2851	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.450	164	1730	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.300	188	343703	0.400	ng/ul	# 0.07
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.41
23) Perylene-d12	23.744	264	6305	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	5884	4.071	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	1834	0.481	ng/ul	-0.03
18) Fluoranthene-d10	19.233	212	4566	0.000	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.168	88	57	0.037	ng/ul#	80
5) Naphthalene	10.649	128	7965	1.028	ng/ul#	84
7) 2-Methylnaphthalene	12.271	142	7433	1.626	ng/ul	95
8) 1-Methylnaphthalene	12.491	142	5315	1.043	ng/ul	97
10) Acenaphthylene	14.163	152	258	0.029	ng/ul#	1
11) Acenaphthene	14.519	153	218	0.033	ng/ul#	78
12) Fluorene	15.500	166	316	0.046	ng/ul#	82
24) Benzo(b)fluoranthene	23.025	252	1280	0.060	ng/ul#	66
25) Benzo(k)fluoranthene	23.025	252	1670	0.057	ng/ul#	64
26) Benzo(a)pyrene	23.630	252	726	0.031	ng/ul#	58
29) Benzo(g,h,i)perylene	26.970	276	1133	0.037	ng/ul#	84

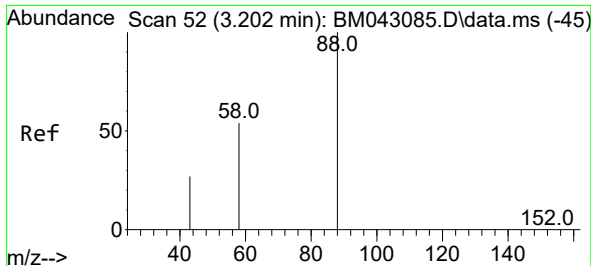
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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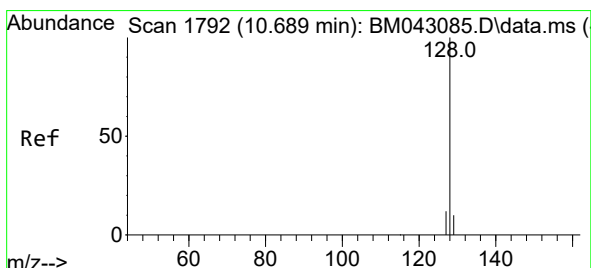
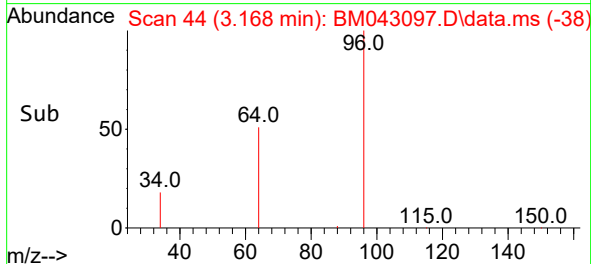
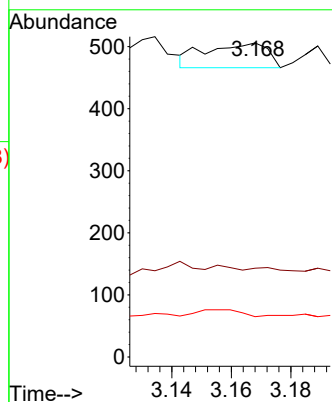
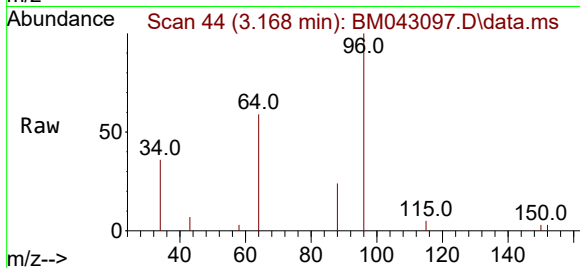




#2
1,4-Dioxane
Concen: 0.037 ng/ul
RT: 3.168 min Scan# 41
Delta R.T. -0.034 min
Lab File: BM043097.D
Acq: 30 Nov 2023 22:29

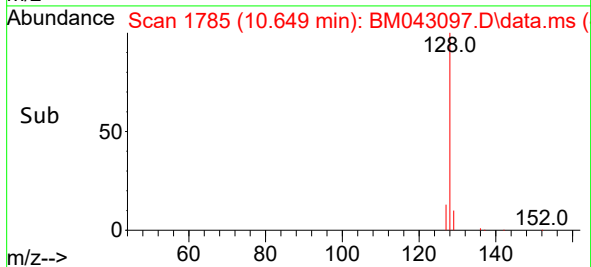
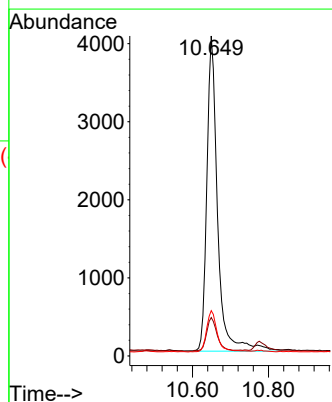
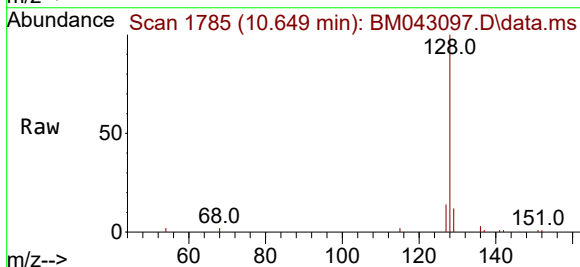
Instrument :
BNA_M
ClientSampleId :
C0AJ3

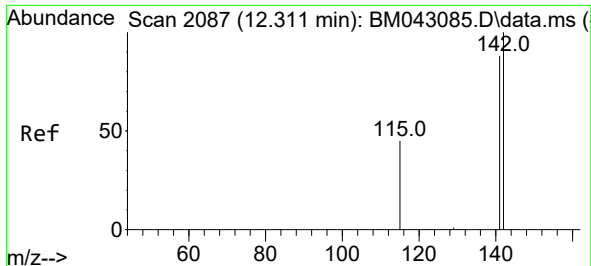
Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 28.3 22.8 34.2
58 12.8 26.8 40.2#



#5
Naphthalene
Concen: 1.028 ng/ul
RT: 10.649 min Scan# 1785
Delta R.T. -0.040 min
Lab File: BM043097.D
Acq: 30 Nov 2023 22:29

Tgt Ion: 128 Resp: 7965
Ion Ratio Lower Upper
128 100
129 12.0 16.0 24.0#
127 14.2 16.5 24.7#

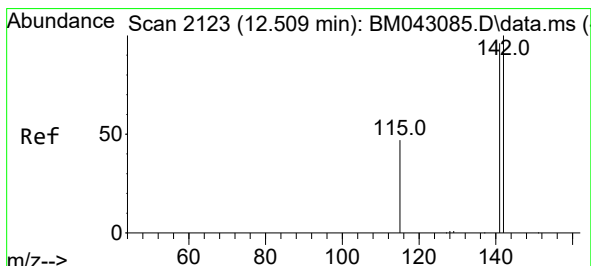
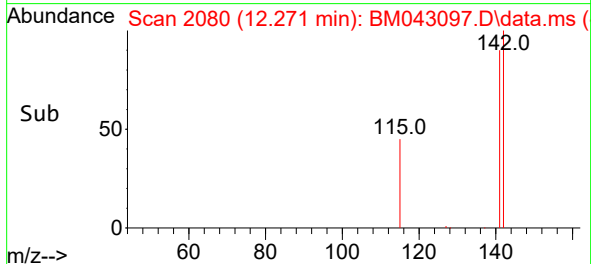
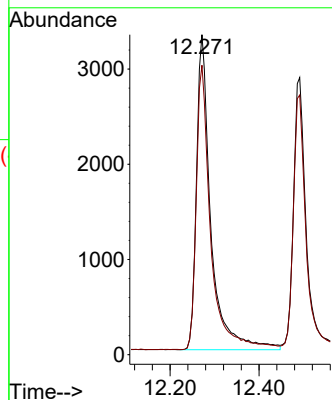
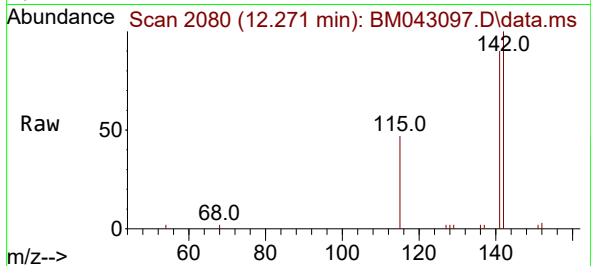




#7
2-Methylnaphthalene
Concen: 1.626 ng/ul
RT: 12.271 min Scan# 2087
Delta R.T. -0.040 min
Lab File: BM043097.D
Acq: 30 Nov 2023 22:29

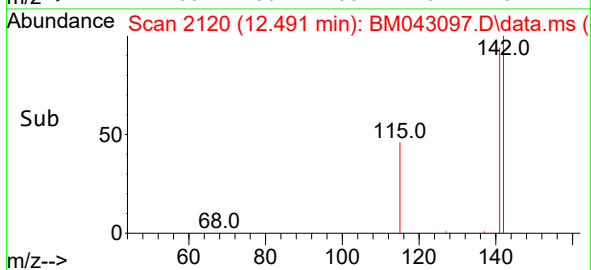
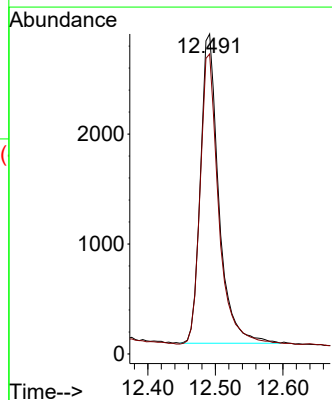
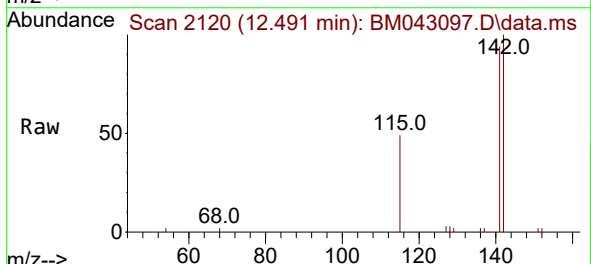
Instrument :
BNA_M
ClientSampleId :
C0AJ3

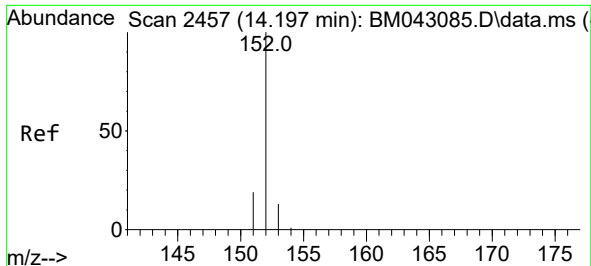
Tgt Ion:142 Resp: 7433
Ion Ratio Lower Upper
142 100
141 90.6 76.1 114.1



#8
1-Methylnaphthalene
Concen: 1.043 ng/ul
RT: 12.491 min Scan# 2120
Delta R.T. -0.018 min
Lab File: BM043097.D
Acq: 30 Nov 2023 22:29

Tgt Ion:142 Resp: 5315
Ion Ratio Lower Upper
142 100
141 94.8 73.8 110.8

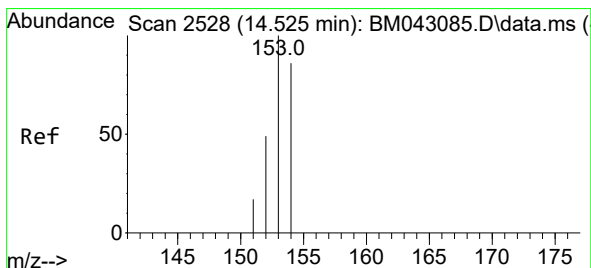
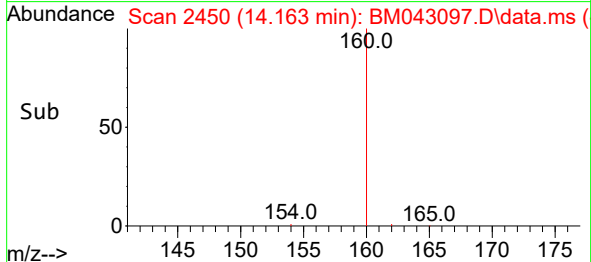
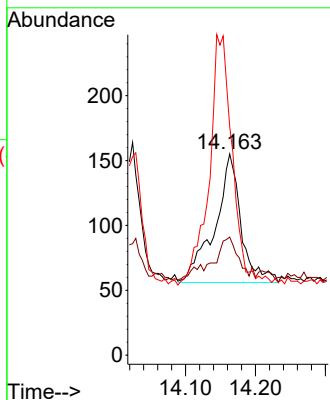
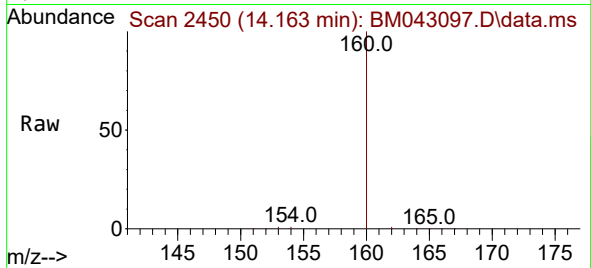




#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.163 min Scan# 2450
Delta R.T. -0.034 min
Lab File: BM043097.D
Acq: 30 Nov 2023 22:29

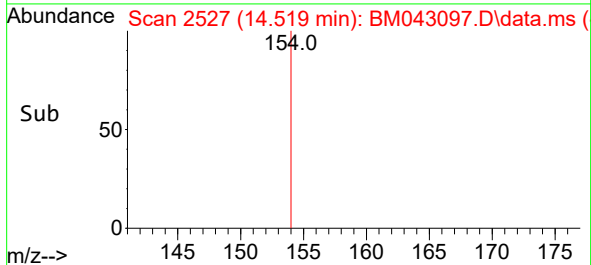
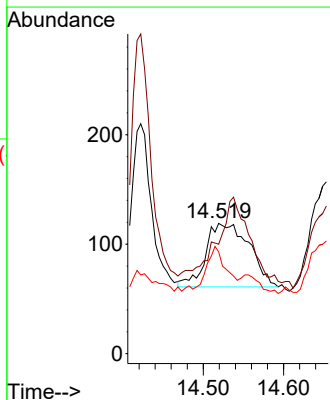
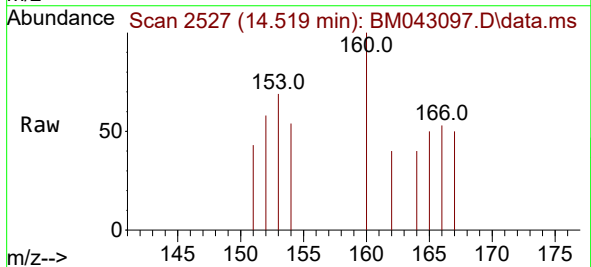
Instrument :
BNA_M
ClientSampleId :
C0AJ3

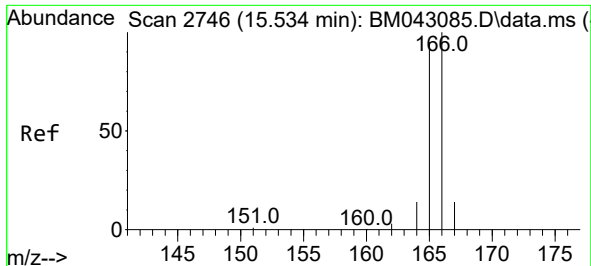
Tgt Ion:152 Resp: 258
Ion Ratio Lower Upper
152 100
151 58.7 19.4 29.0#
153 113.5 14.6 21.8#



#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.519 min Scan# 2527
Delta R.T. -0.006 min
Lab File: BM043097.D
Acq: 30 Nov 2023 22:29

Tgt Ion:153 Resp: 218
Ion Ratio Lower Upper
153 100
152 84.0 43.9 65.9#
154 78.2 70.6 105.8

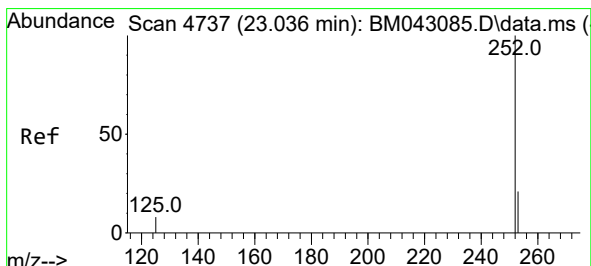
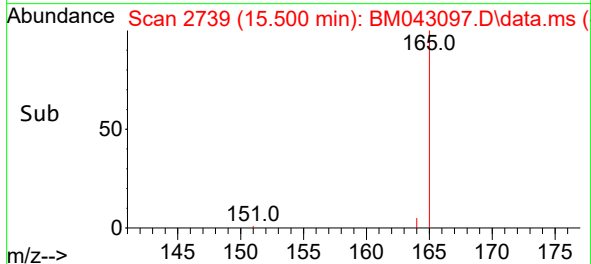
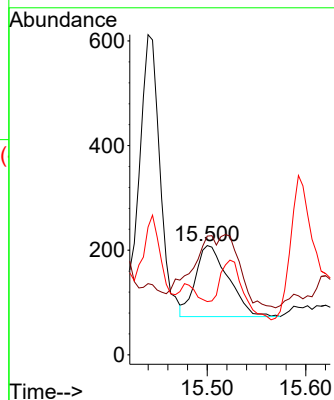
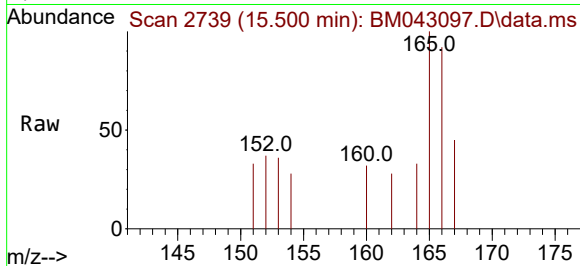




#12
Fluorene
Concen: 0.046 ng/ul
RT: 15.500 min Scan# 21
Delta R.T. -0.034 min
Lab File: BM043097.D
Acq: 30 Nov 2023 22:29

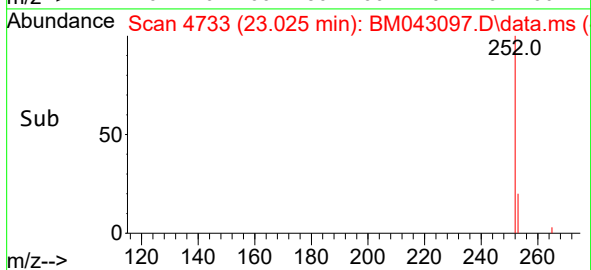
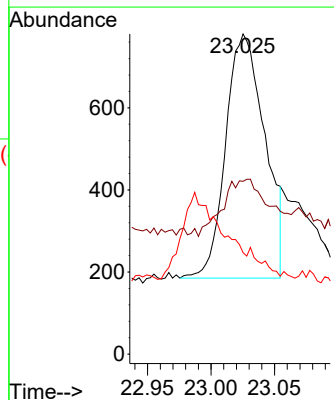
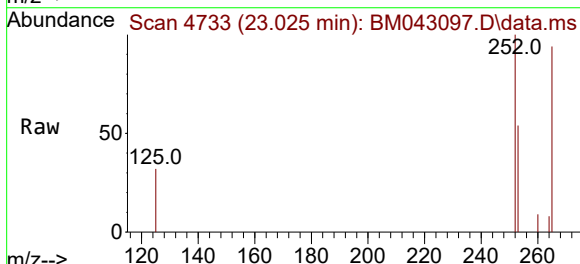
Instrument :
BNA_M
ClientSampleId :
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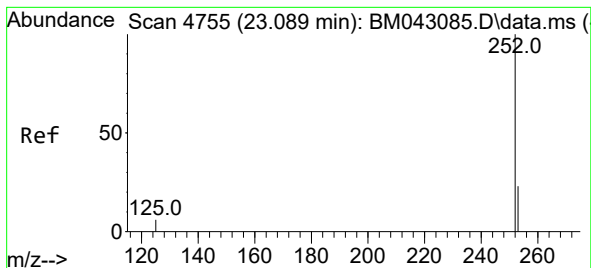
Tgt Ion:166 Resp: 316
Ion Ratio Lower Upper
166 100
165 108.6 79.9 119.9
167 48.8 14.2 21.4#



#24
Benzo(b)fluoranthene
Concen: 0.060 ng/ul
RT: 23.025 min Scan# 4733
Delta R.T. -0.011 min
Lab File: BM043097.D
Acq: 30 Nov 2023 22:29

Tgt Ion:252 Resp: 1280
Ion Ratio Lower Upper
252 100
253 54.0 0.0 71.8
125 31.7 0.0 29.0#





#25

Benzo(k)fluoranthene

Concen: 0.057 ng/ul

RT: 23.025 min Scan# 41

Delta R.T. -0.064 min

Lab File: BM043097.D

Acq: 30 Nov 2023 22:29

Instrument :

BNA_M

ClientSampleId :

C0AJ3

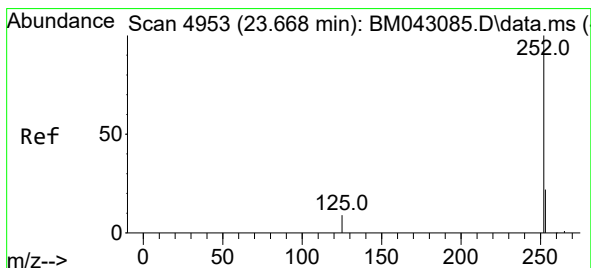
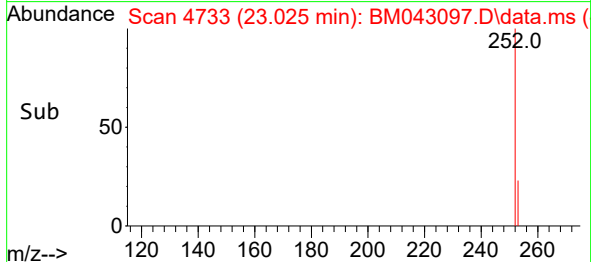
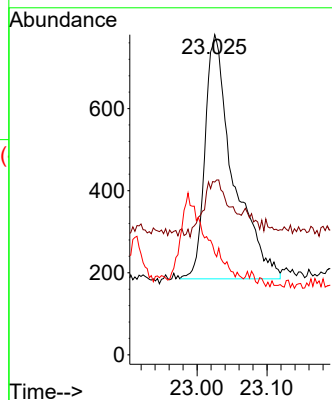
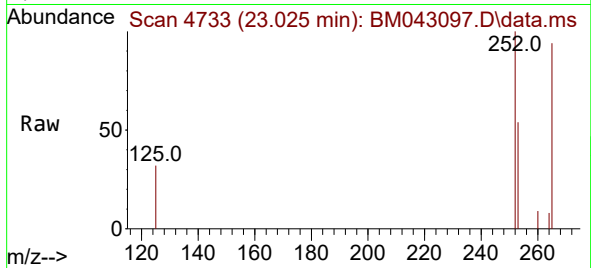
Tgt Ion:252 Resp: 1670

Ion Ratio Lower Upper

252 100

253 54.0 28.2 42.2#

125 31.7 11.0 16.6#



#26

Benzo(a)pyrene

Concen: 0.031 ng/ul

RT: 23.630 min Scan# 4940

Delta R.T. -0.037 min

Lab File: BM043097.D

Acq: 30 Nov 2023 22:29

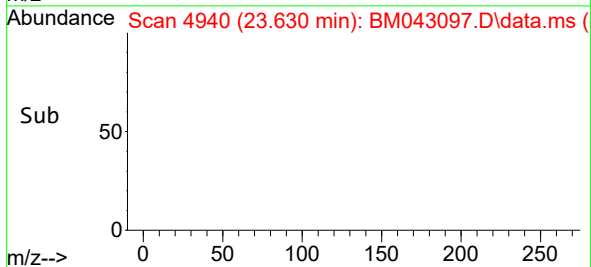
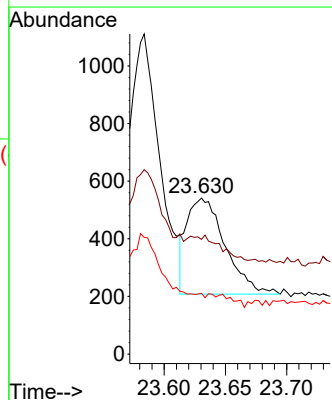
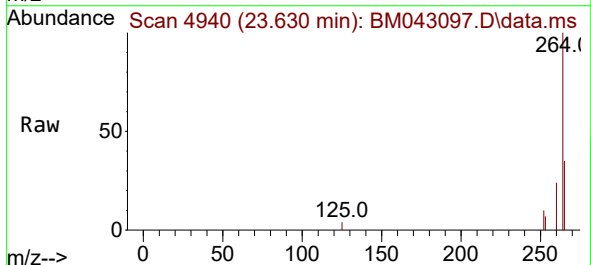
Tgt Ion:252 Resp: 726

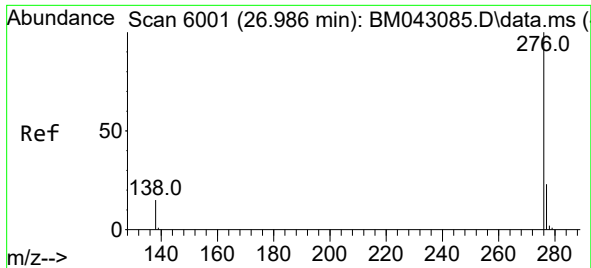
Ion Ratio Lower Upper

252 100

253 73.6 36.6 55.0#

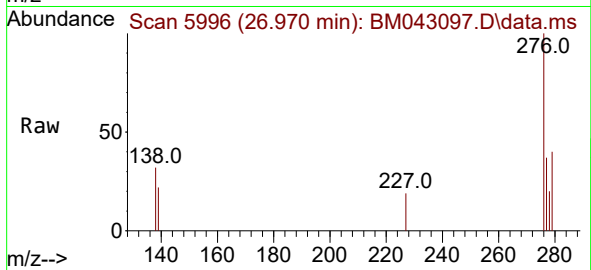
125 39.0 16.2 24.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.037 ng/ul
 RT: 26.970 min Scan# 51
 Delta R.T. -0.016 min
 Lab File: BM043097.D
 Acq: 30 Nov 2023 22:29

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ3



Tgt Ion:276 Resp: 1133
 Ion Ratio Lower Upper
 276 100
 138 32.3 17.8 26.8#
 277 36.8 23.8 35.8#

