

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043092.D
 Acq On : 30 Nov 2023 19:28
 Operator : MA/JU
 Sample : 05497-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC2

Quant Time: Dec 01 00:44:12 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)

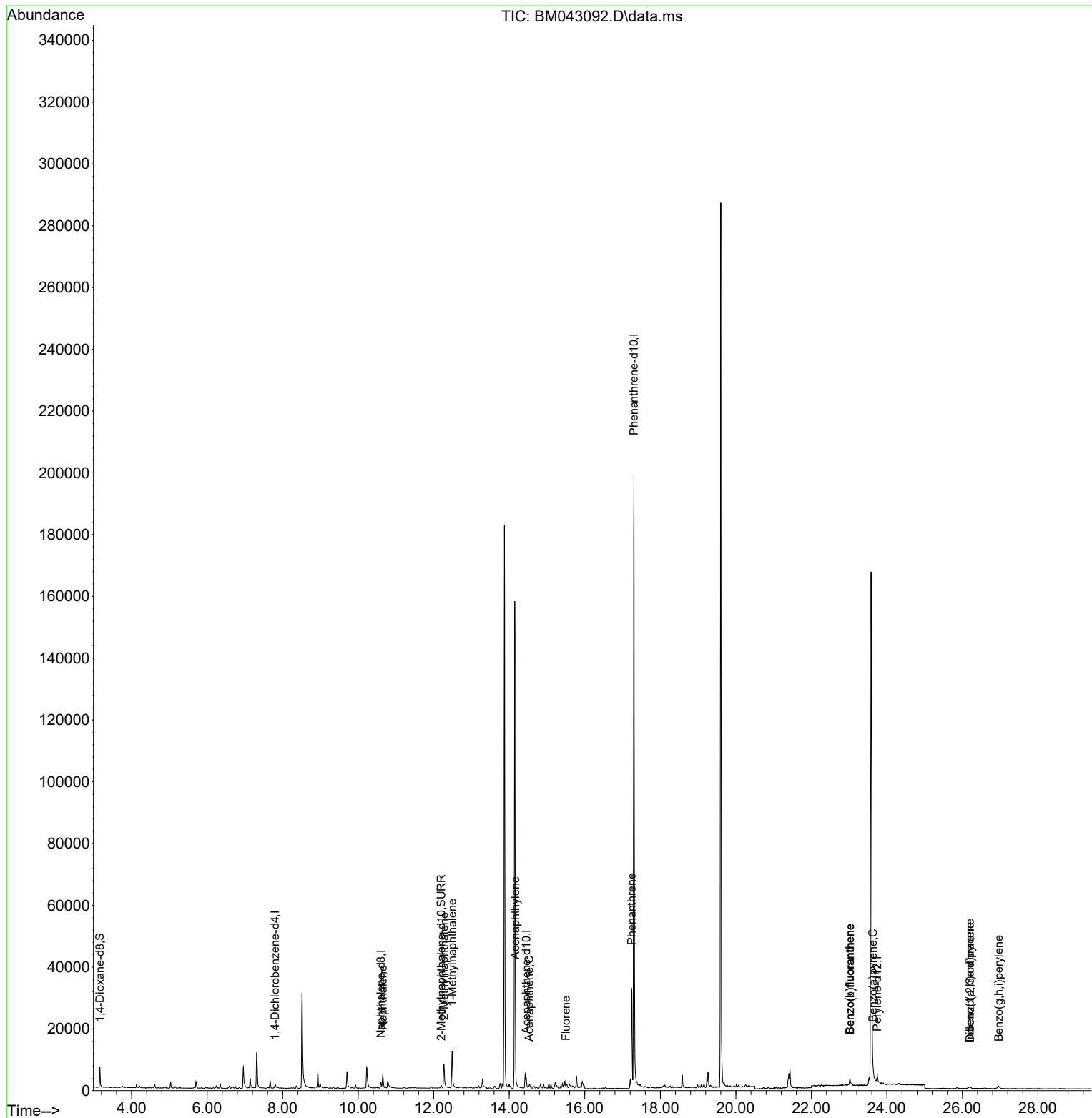
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	977	0.400	ng/ul	#-0.06
4) Naphthalene-d8	10.600	136	2819	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.450	164	1781	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.300	188	238079	0.400	ng/ul	# 0.07
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.41
23) Perylene-d12	23.744	264	5697	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	4219	2.814	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	1404	0.372	ng/ul	-0.03
18) Fluoranthene-d10	19.233	212	3367	0.000	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.649	128	6783	0.885	ng/ul#	86
7) 2-Methylnaphthalene	12.271	142	7116	1.575	ng/ul	96
8) 1-Methylnaphthalene	12.486	142	8637	1.714	ng/ul	98
10) Acenaphthylene	14.163	152	505	0.056	ng/ul#	1
11) Acenaphthene	14.524	153	547	0.079	ng/ul#	54
12) Fluorene	15.500	166	660	0.093	ng/ul#	86
15) Phenanthrene	17.241	178	36760	0.054	ng/ul	93
24) Benzo(b)fluoranthene	23.022	252	3258	0.169	ng/ul	91
25) Benzo(k)fluoranthene	23.022	252	4127	0.156	ng/ul#	89
26) Benzo(a)pyrene	23.633	252	1243	0.059	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.195	276	936	0.033	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.198	278	563	0.026	ng/ul#	19
29) Benzo(g,h,i)perylene	26.963	276	1831	0.066	ng/ul#	89

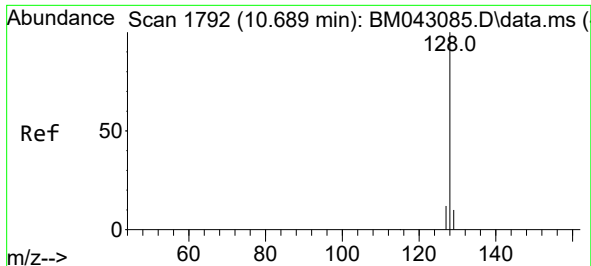
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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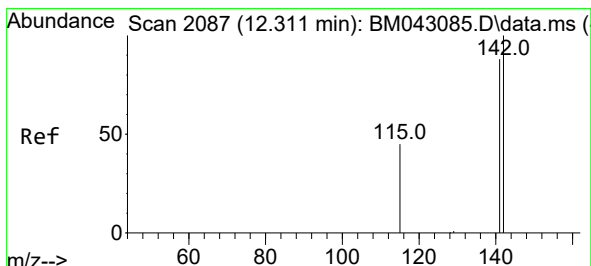
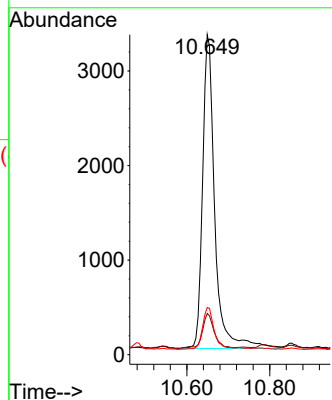
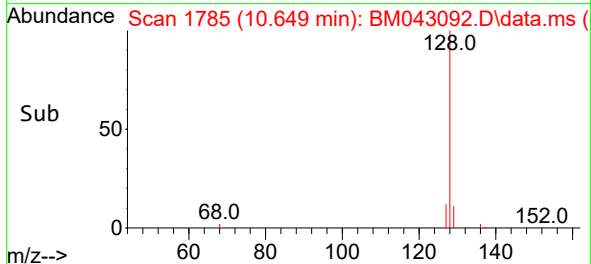
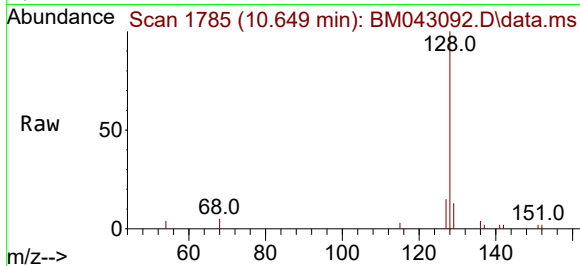




#5
Naphthalene
Concen: 0.885 ng/ul
RT: 10.649 min Scan# 11
Delta R.T. -0.040 min
Lab File: BM043092.D
Acq: 30 Nov 2023 19:28

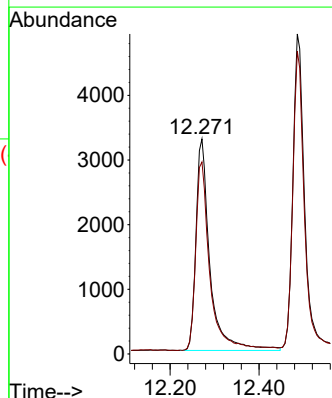
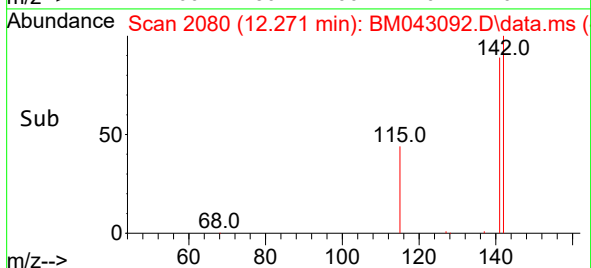
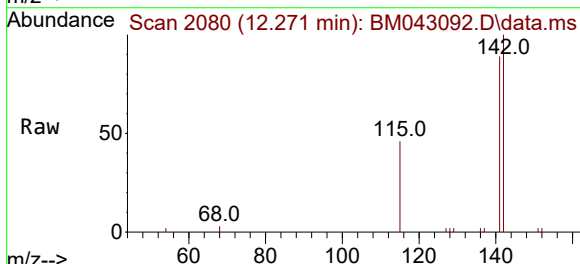
Instrument :
BNA_M
ClientSampleId :
C0AC2

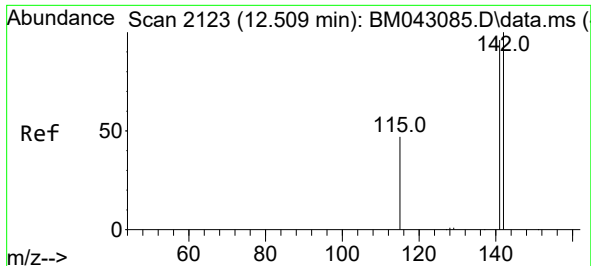
Tgt Ion:128 Resp: 6783
Ion Ratio Lower Upper
128 100
129 12.9 16.0 24.0#
127 14.7 16.5 24.7#



#7
2-Methylnaphthalene
Concen: 1.575 ng/ul
RT: 12.271 min Scan# 2080
Delta R.T. -0.040 min
Lab File: BM043092.D
Acq: 30 Nov 2023 19:28

Tgt Ion:142 Resp: 7116
Ion Ratio Lower Upper
142 100
141 91.2 76.1 114.1

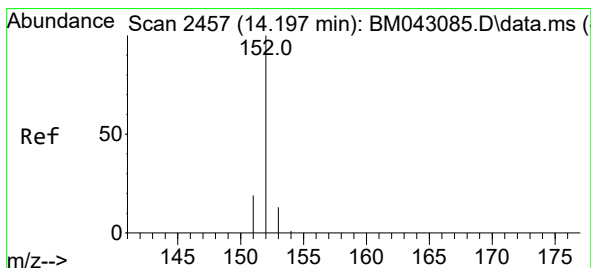
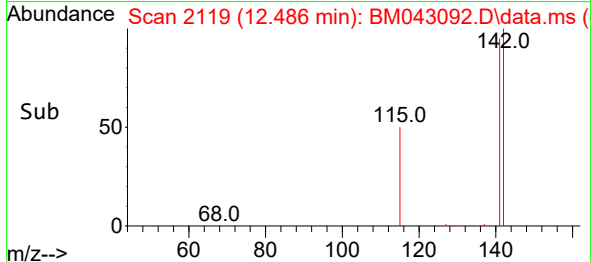
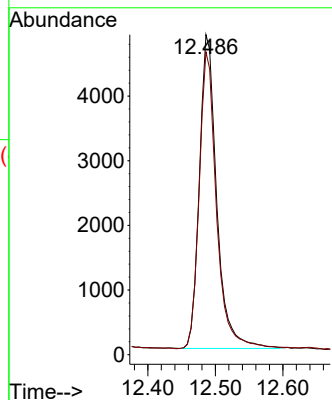
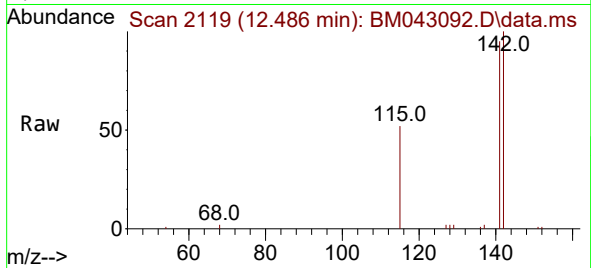




#8
1-Methylnaphthalene
Concen: 1.714 ng/ul
RT: 12.486 min Scan# 2123
Delta R.T. -0.023 min
Lab File: BM043092.D
Acq: 30 Nov 2023 19:28

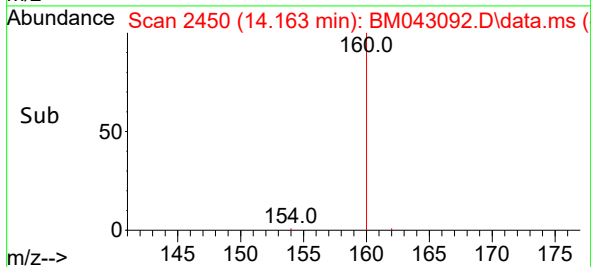
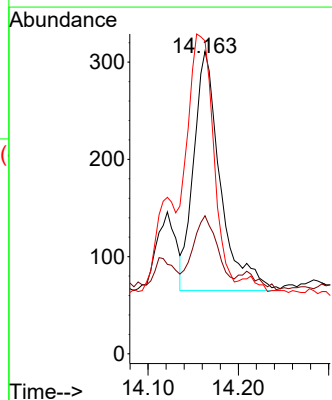
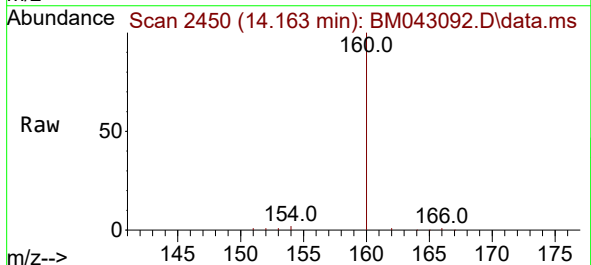
Instrument :
BNA_M
ClientSampleId :
C0AC2

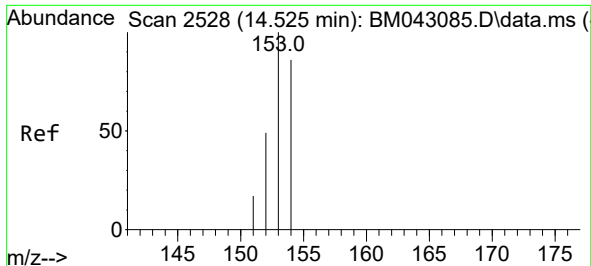
Tgt Ion:142 Resp: 8637
Ion Ratio Lower Upper
142 100
141 94.4 73.8 110.8



#10
Acenaphthylene
Concen: 0.056 ng/ul
RT: 14.163 min Scan# 2450
Delta R.T. -0.034 min
Lab File: BM043092.D
Acq: 30 Nov 2023 19:28

Tgt Ion:152 Resp: 505
Ion Ratio Lower Upper
152 100
151 45.7 19.4 29.0#
153 103.5 14.6 21.8#

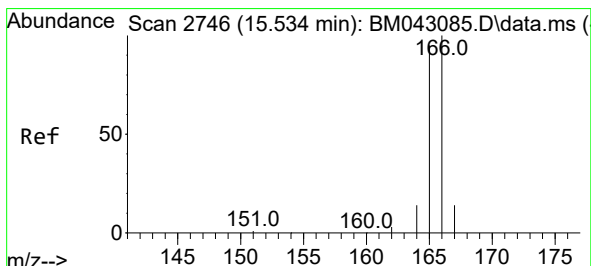
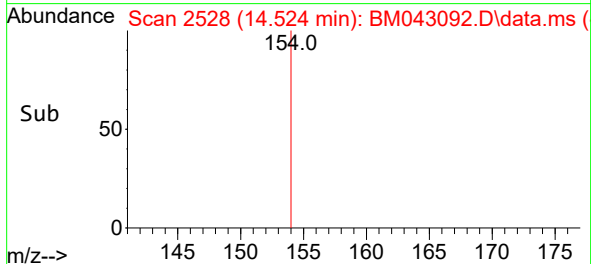
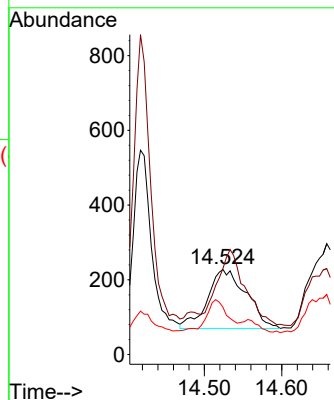
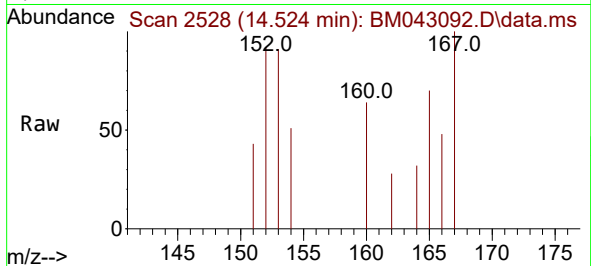




#11
Acenaphthene
Concen: 0.079 ng/ul
RT: 14.524 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM043092.D
Acq: 30 Nov 2023 19:28

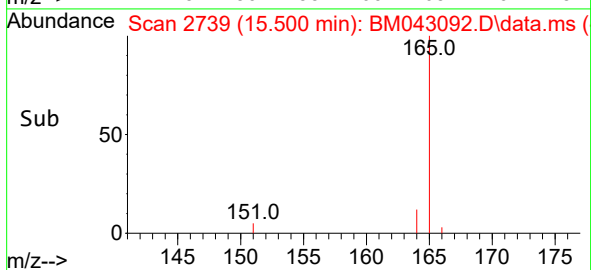
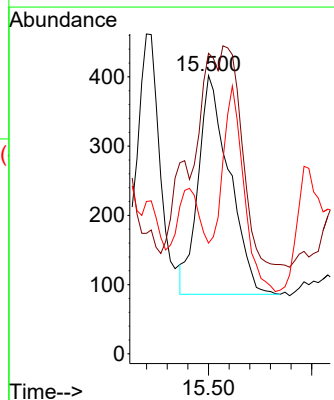
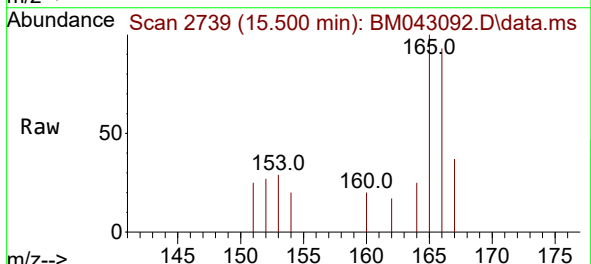
Instrument :
BNA_M
ClientSampleId :
C0AC2

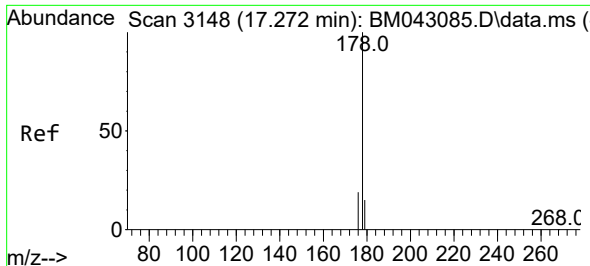
Tgt Ion:153 Resp: 547
Ion Ratio Lower Upper
153 100
152 100.9 43.9 65.9#
154 55.7 70.6 105.8#



#12
Fluorene
Concen: 0.093 ng/ul
RT: 15.500 min Scan# 2739
Delta R.T. -0.034 min
Lab File: BM043092.D
Acq: 30 Nov 2023 19:28

Tgt Ion:166 Resp: 660
Ion Ratio Lower Upper
166 100
165 108.0 79.9 119.9
167 39.8 14.2 21.4#

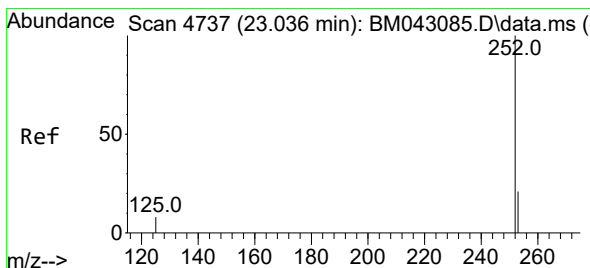
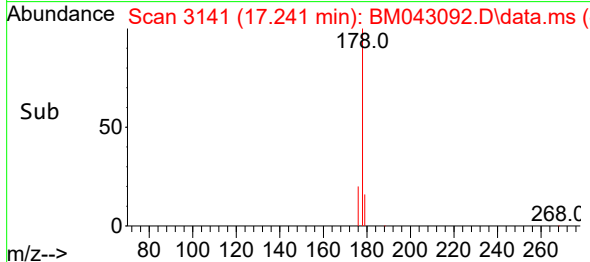
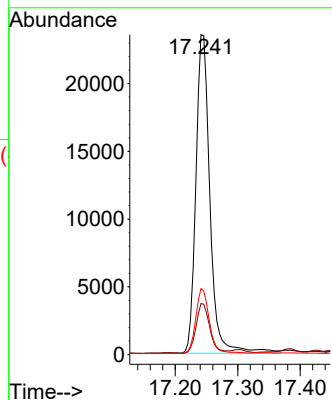
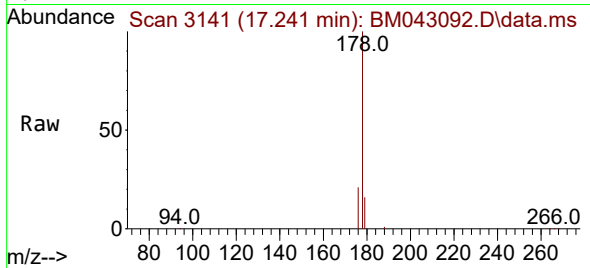




#15
Phenanthrene
Concen: 0.054 ng/ul
RT: 17.241 min Scan# 3141
Delta R.T. -0.031 min
Lab File: BM043092.D
Acq: 30 Nov 2023 19:28

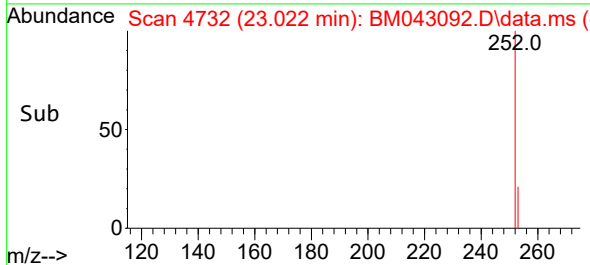
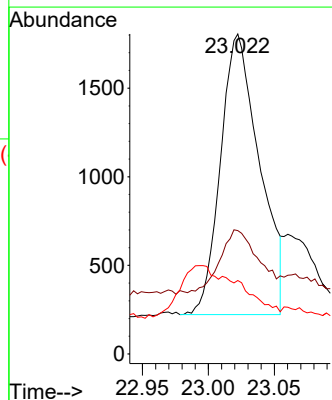
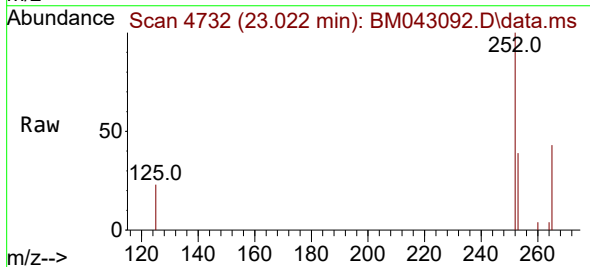
Instrument :
BNA_M
ClientSampleId :
C0AC2

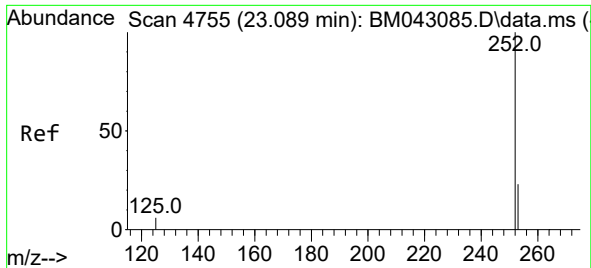
Tgt Ion:178 Resp: 36760
Ion Ratio Lower Upper
178 100
179 16.0 15.7 23.5
176 20.6 18.9 28.3



#24
Benzo(b)fluoranthene
Concen: 0.169 ng/ul
RT: 23.022 min Scan# 4732
Delta R.T. -0.014 min
Lab File: BM043092.D
Acq: 30 Nov 2023 19:28

Tgt Ion:252 Resp: 3258
Ion Ratio Lower Upper
252 100
253 38.5 0.0 71.8
125 23.0 0.0 29.0

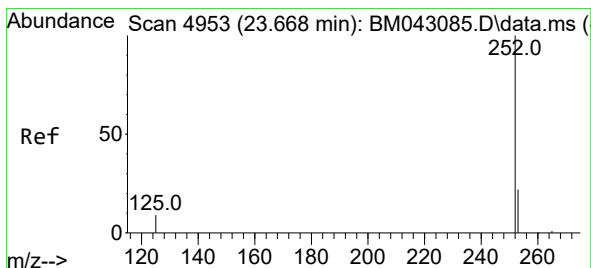
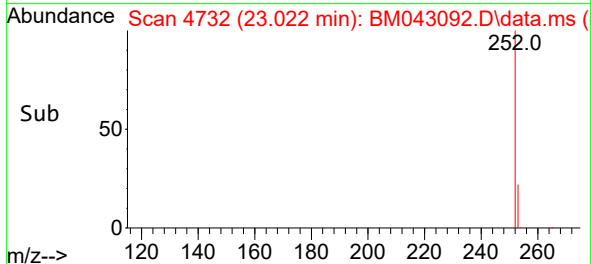
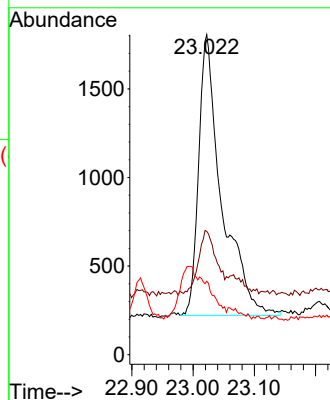
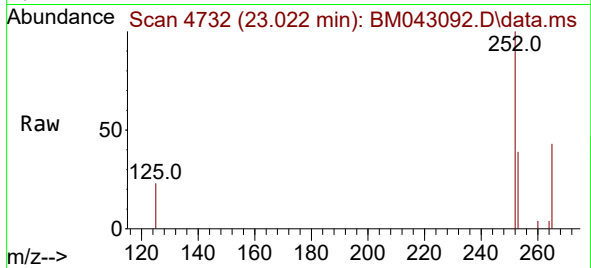




#25
Benzo(k)fluoranthene
Concen: 0.156 ng/ul
RT: 23.022 min Scan# 4127
Delta R.T. -0.067 min
Lab File: BM043092.D
Acq: 30 Nov 2023 19:28

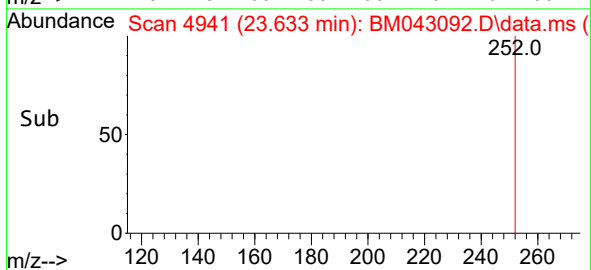
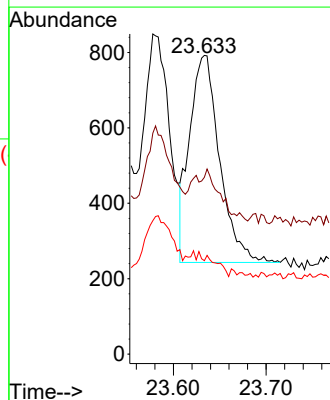
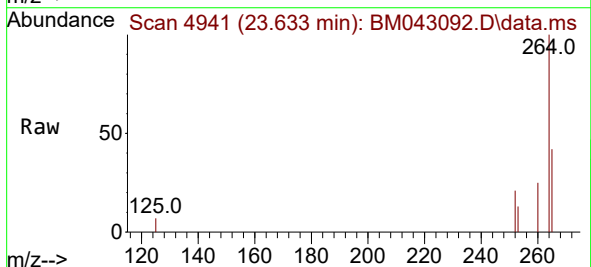
Instrument :
BNA_M
ClientSampleId :
C0AC2

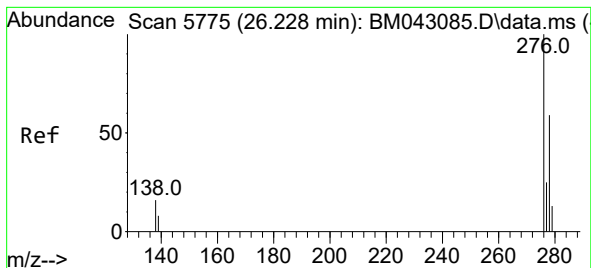
Tgt Ion:252 Resp: 4127
Ion Ratio Lower Upper
252 100
253 38.5 28.2 42.2
125 23.0 11.0 16.6#



#26
Benzo(a)pyrene
Concen: 0.059 ng/ul
RT: 23.633 min Scan# 4941
Delta R.T. -0.035 min
Lab File: BM043092.D
Acq: 30 Nov 2023 19:28

Tgt Ion:252 Resp: 1243
Ion Ratio Lower Upper
252 100
253 59.2 36.6 55.0#
125 31.3 16.2 24.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.033 ng/ul

RT: 26.195 min Scan# 5

Delta R.T. -0.033 min

Lab File: BM043092.D

Acq: 30 Nov 2023 19:28

Instrument :

BNA_M

ClientSampleId :

C0AC2

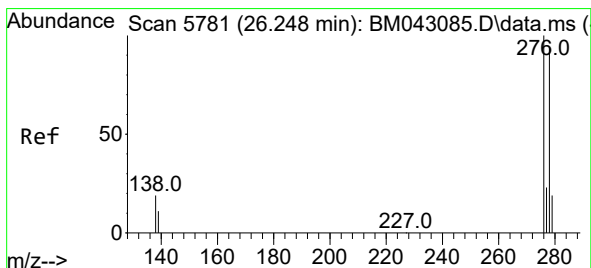
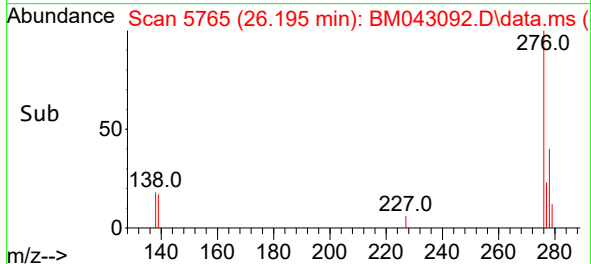
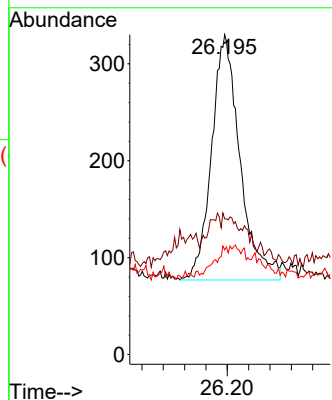
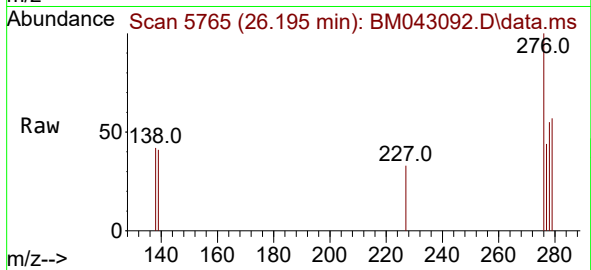
Tgt Ion:276 Resp: 936

Ion Ratio Lower Upper

276 100

138 25.6 0.0 0.0#

227 0.0 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 0.026 ng/ul

RT: 26.198 min Scan# 5766

Delta R.T. -0.050 min

Lab File: BM043092.D

Acq: 30 Nov 2023 19:28

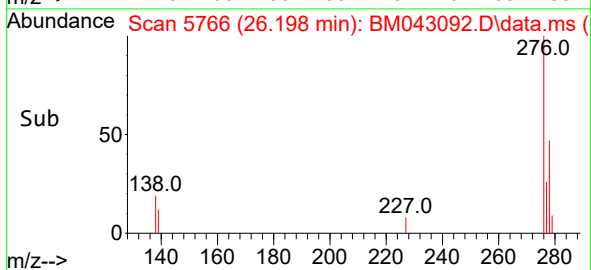
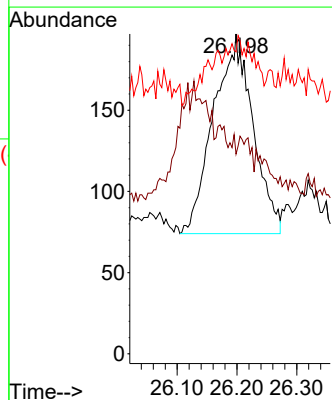
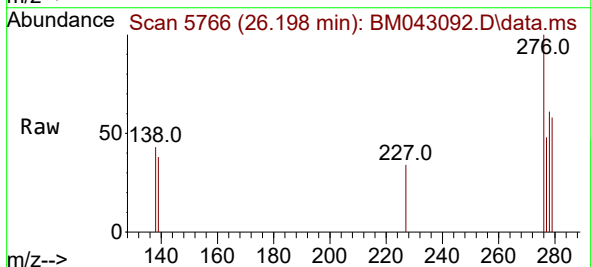
Tgt Ion:278 Resp: 563

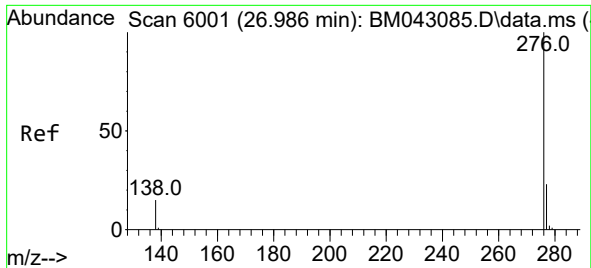
Ion Ratio Lower Upper

278 100

139 62.4 18.1 27.1#

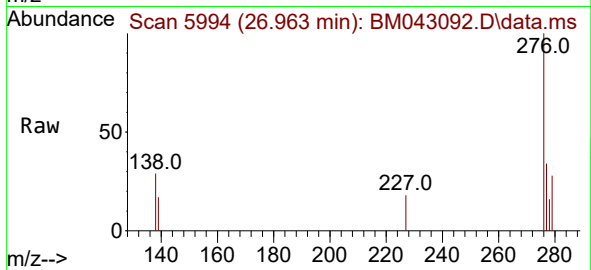
279 94.4 34.4 51.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.066 ng/ul
 RT: 26.963 min Scan# 51
 Delta R.T. -0.023 min
 Lab File: BM043092.D
 Acq: 30 Nov 2023 19:28

Instrument :
 BNA_M
 ClientSampleId :
 C0AC2



Tgt Ion:	276	Resp:	1831
Ion	Ratio	Lower	Upper
276	100		
138	29.3	17.8	26.8#
277	34.2	23.8	35.8

