

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043056.D
 Acq On : 27 Nov 2023 19:24
 Operator : MA/JU
 Sample : 05261-07DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 28 00:23:12 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 : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

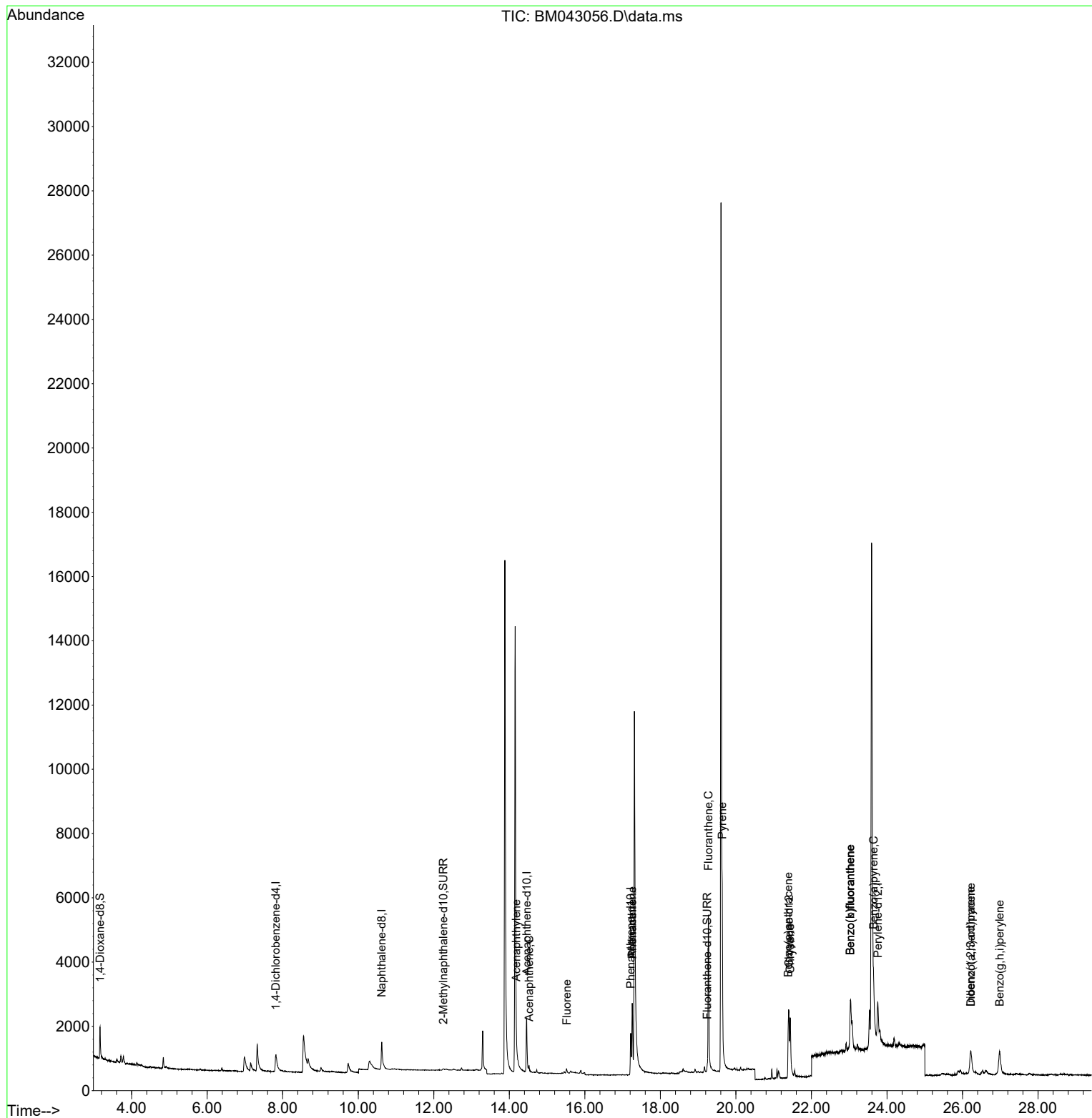
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	587	0.400	ng/ul	#-0.06
4) Naphthalene-d8	10.622	136	1869	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.459	164	989	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	2045	0.400	ng/ul	-0.02
17) Chrysene-d12	21.403	240	1594	0.400	ng/ul	-0.02
23) Perylene-d12	23.756	264	2690	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	743	0.825	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	145	0.058	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	297	0.051	ng/ul	-0.02
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.186	152	117	0.023	ng/ul#	17
11) Acenaphthene	14.524	153	115	0.030	ng/ul#	87
12) Fluorene	15.519	166	103	0.026	ng/ul#	86
15) Phenanthrene	17.254	178	2901	0.497	ng/ul	97
16) Anthracene	17.254	178	2710	0.490	ng/ul	93
19) Fluoranthene	19.270	202	5378	0.595	ng/ul#	95
20) Pyrene	19.637	202	5112	0.532	ng/ul	96
21) Benzo(a)anthracene	21.386	228	2006	0.388	ng/ul	99
22) Chrysene	21.438	228	2342	0.243	ng/ul	98
24) Benzo(b)fluoranthene	23.031	252	2991	0.329	ng/ul	96
25) Benzo(k)fluoranthene	23.031	252	4683	0.375	ng/ul#	94
26) Benzo(a)pyrene	23.645	252	1828	0.185	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.215	276	1925	0.144	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.222	278	427	0.041	ng/ul#	31
29) Benzo(g,h,i)perylene	26.983	276	2046	0.157	ng/ul	96

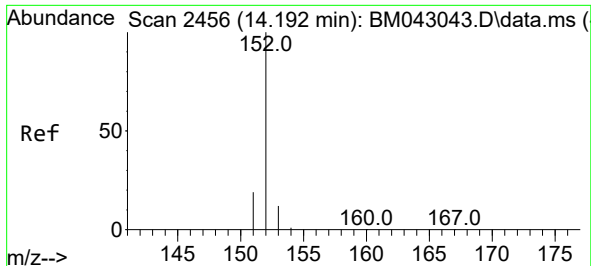
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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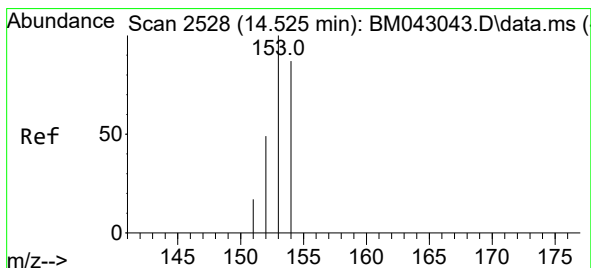
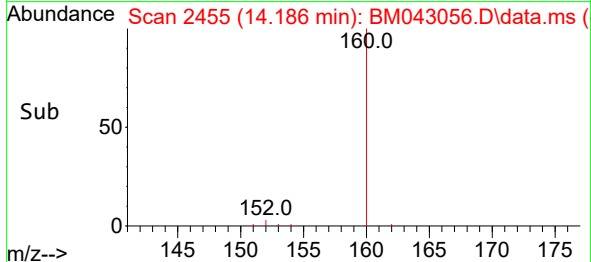
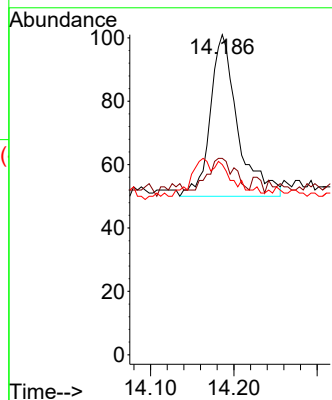
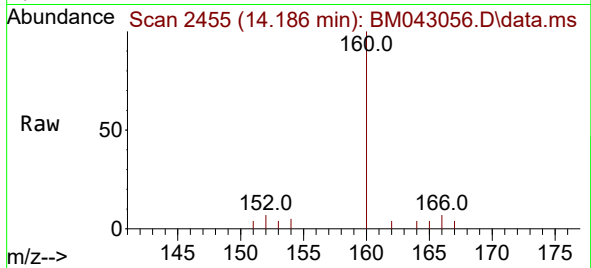




#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.186 min Scan# 2456
Delta R.T. -0.018 min
Lab File: BM043056.D
Acq: 27 Nov 2023 19:24

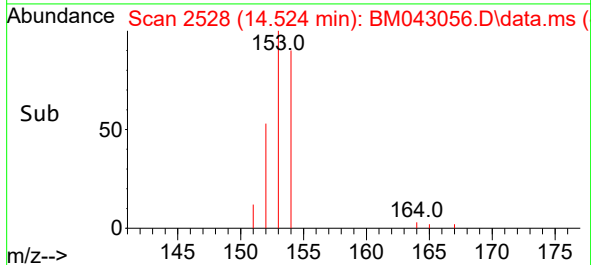
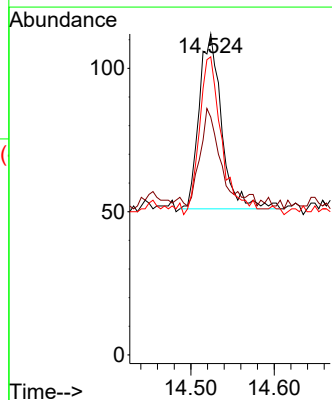
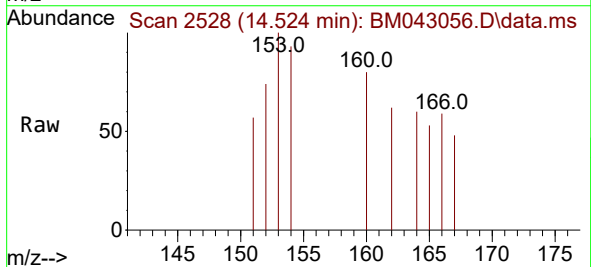
Instrument :
BNA_P
ClientSampleId :

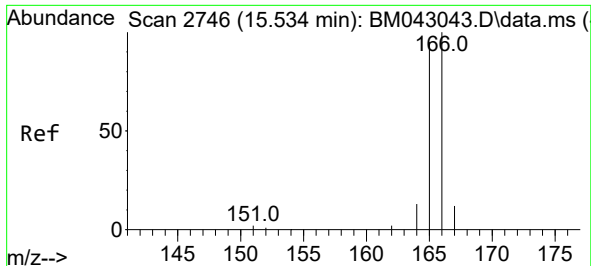
Tgt Ion:152 Resp: 117
Ion Ratio Lower Upper
152 100
151 61.4 19.4 29.0#
153 59.4 14.6 21.8#



#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.524 min Scan# 2528
Delta R.T. -0.009 min
Lab File: BM043056.D
Acq: 27 Nov 2023 19:24

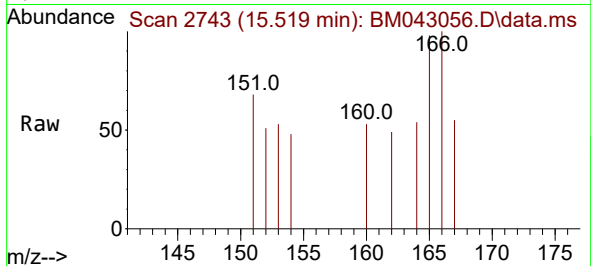
Tgt Ion:153 Resp: 115
Ion Ratio Lower Upper
153 100
152 74.1 43.9 65.9#
154 92.9 70.6 105.8



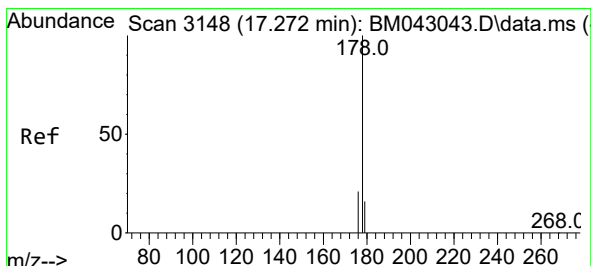
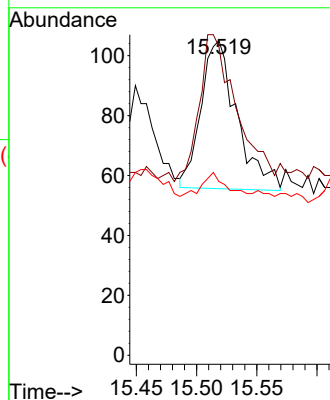
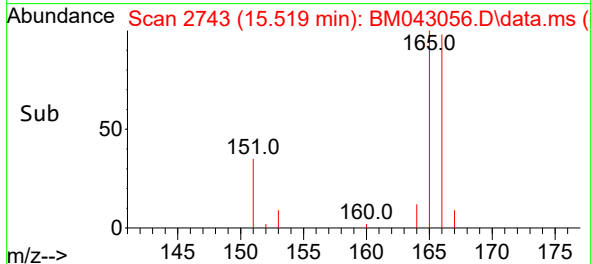


#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.519 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM043056.D
Acq: 27 Nov 2023 19:24

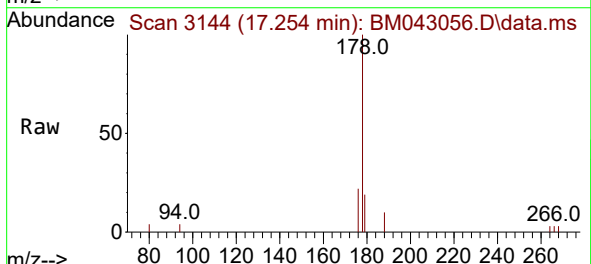
Instrument :
BNA_P
ClientSampleId :



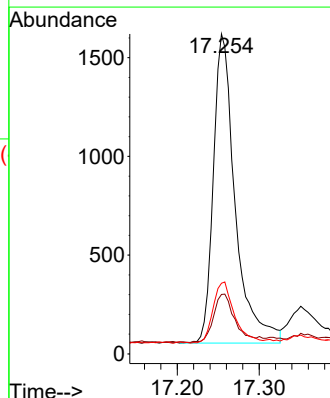
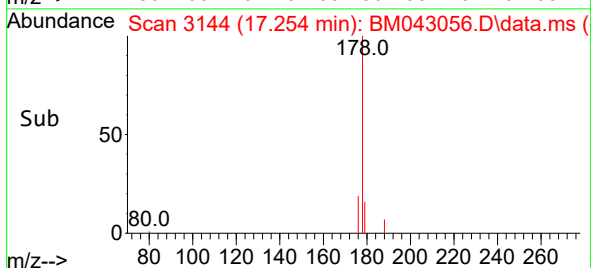
Tgt Ion:166 Resp: 103
Ion Ratio Lower Upper
166 100
165 98.1 79.9 119.9
167 55.2 14.2 21.4#

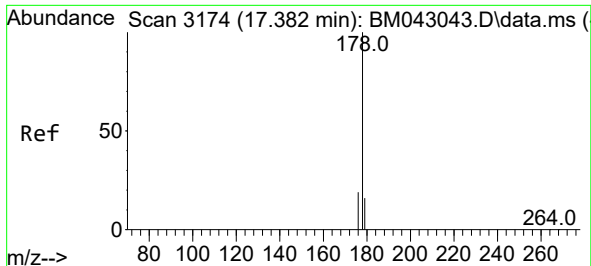


#15
Phenanthrene
Concen: 0.497 ng/ul
RT: 17.254 min Scan# 3144
Delta R.T. -0.025 min
Lab File: BM043056.D
Acq: 27 Nov 2023 19:24



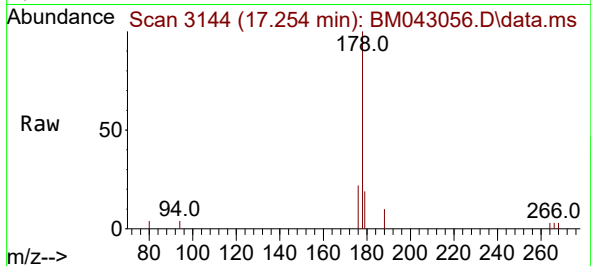
Tgt Ion:178 Resp: 2901
Ion Ratio Lower Upper
178 100
179 18.6 15.7 23.5
176 22.1 18.9 28.3



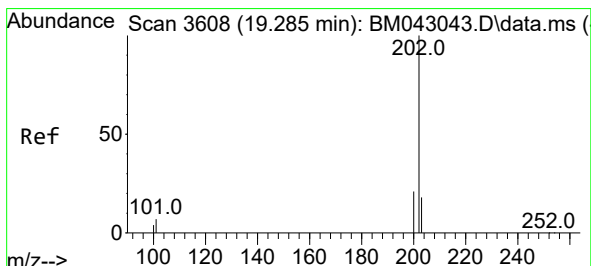
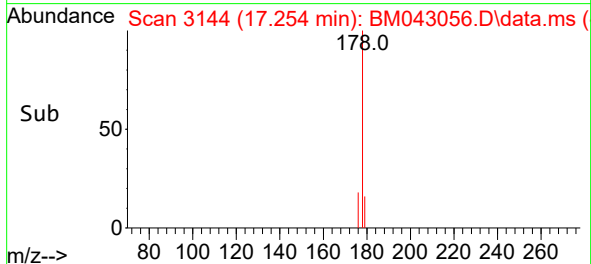
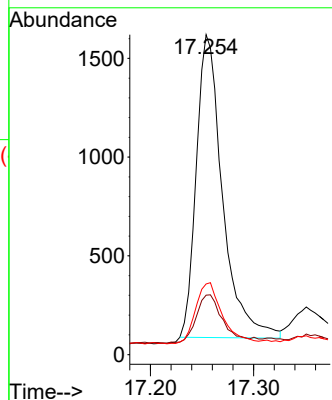


#16
 Anthracene
 Concen: 0.490 ng/ul
 RT: 17.254 min Scan# 3174
 Delta R.T. -0.139 min
 Lab File: BM043056.D
 Acq: 27 Nov 2023 19:24

Instrument :
 BNA_P
 ClientSampleId :

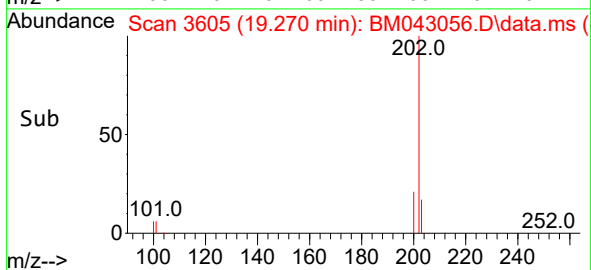
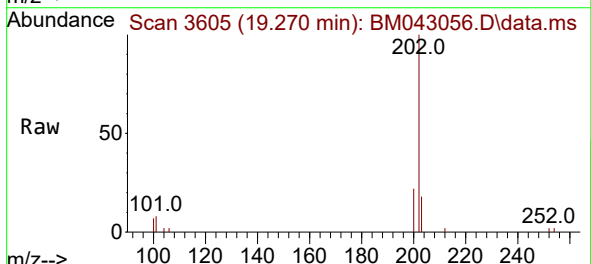
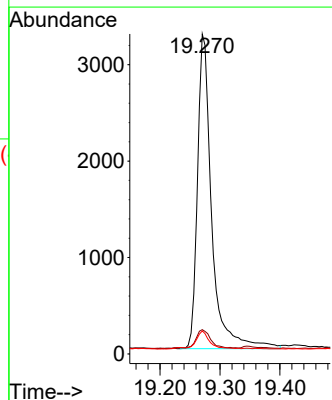


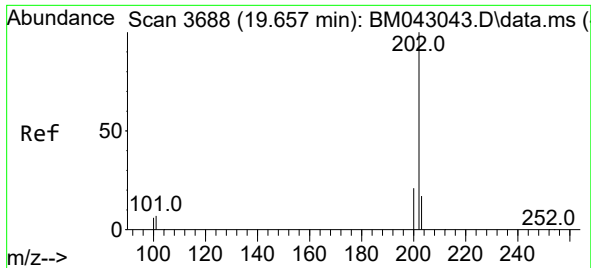
Tgt Ion:178 Resp: 2710
 Ion Ratio Lower Upper
 178 100
 179 18.6 17.3 25.9
 176 22.1 20.5 30.7



#19
 Fluoranthene
 Concen: 0.595 ng/ul
 RT: 19.270 min Scan# 3605
 Delta R.T. -0.023 min
 Lab File: BM043056.D
 Acq: 27 Nov 2023 19:24

Tgt Ion:202 Resp: 5378
 Ion Ratio Lower Upper
 202 100
 101 7.6 7.8 11.8#
 100 7.2 7.1 10.7

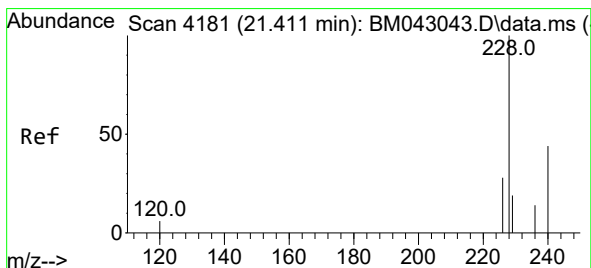
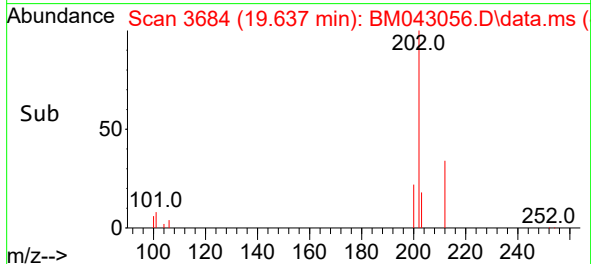
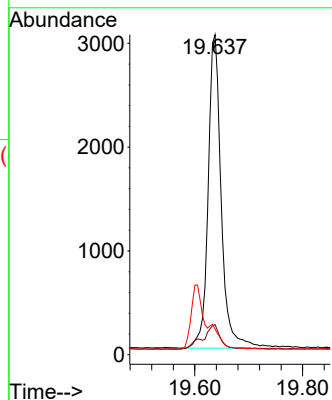
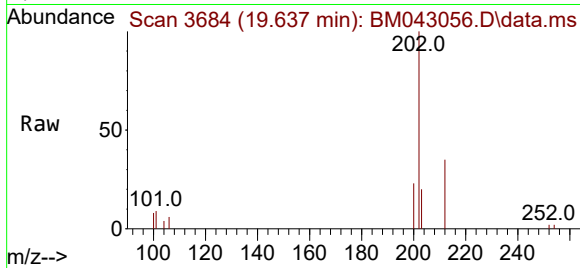




#20
 Pyrene
 Concen: 0.532 ng/ul
 RT: 19.637 min Scan# 30
 Delta R.T. -0.023 min
 Lab File: BM043056.D
 Acq: 27 Nov 2023 19:24

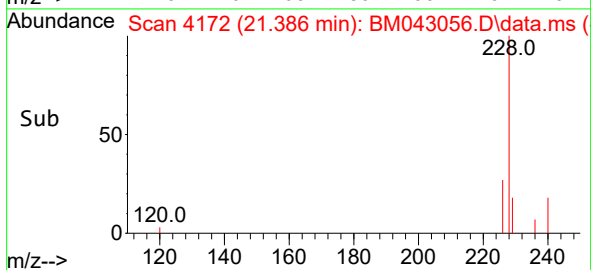
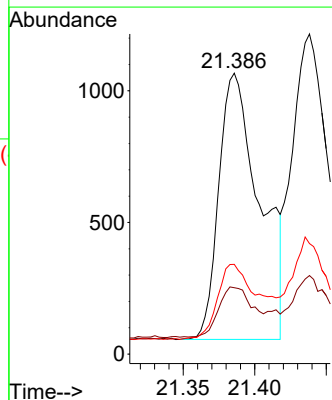
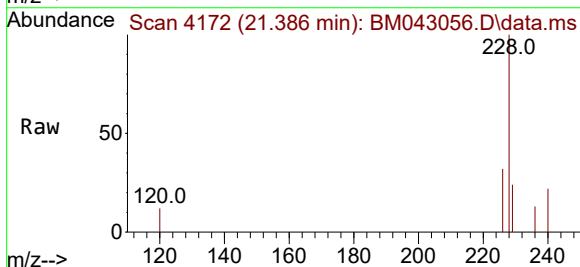
Instrument :
 BNA_P
 ClientSampleId :

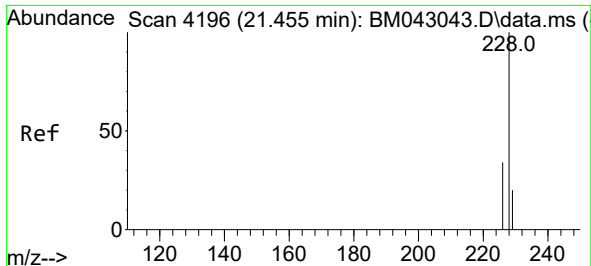
Tgt Ion:202 Resp: 5112
 Ion Ratio Lower Upper
 202 100
 101 9.4 8.7 13.1
 100 8.0 7.8 11.8



#21
 Benzo(a)anthracene
 Concen: 0.388 ng/ul
 RT: 21.386 min Scan# 4172
 Delta R.T. -0.026 min
 Lab File: BM043056.D
 Acq: 27 Nov 2023 19:24

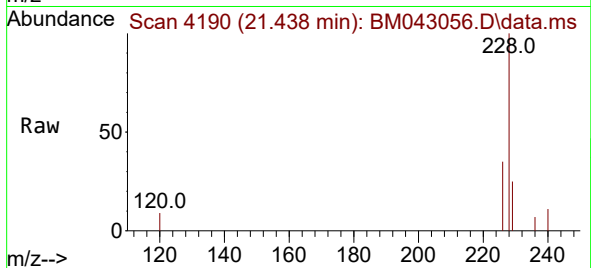
Tgt Ion:228 Resp: 2006
 Ion Ratio Lower Upper
 228 100
 229 23.6 19.4 29.0
 226 32.0 24.9 37.3





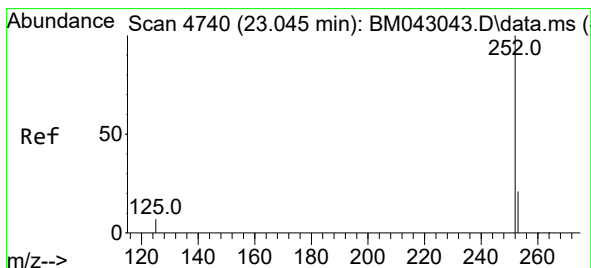
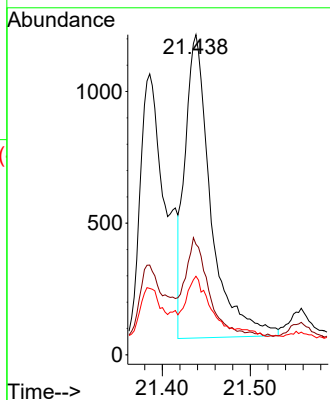
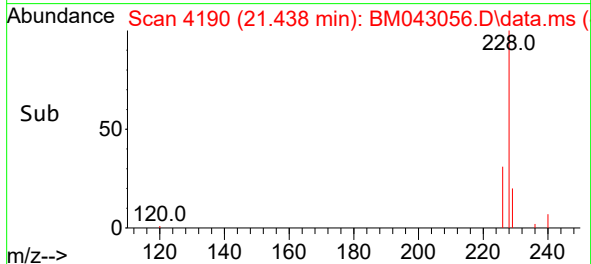
#22
Chrysene
Concen: 0.243 ng/ul
RT: 21.438 min Scan# 4190
Delta R.T. -0.020 min
Lab File: BM043056.D
Acq: 27 Nov 2023 19:24

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:228 Resp: 2342

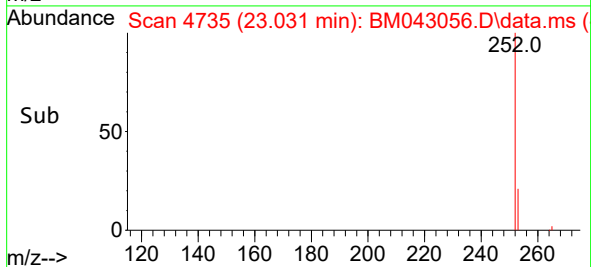
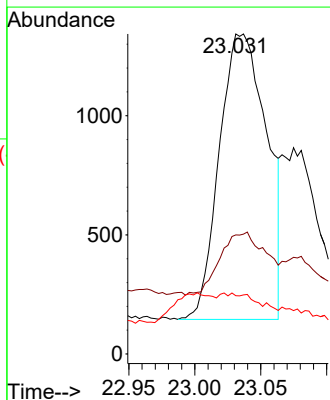
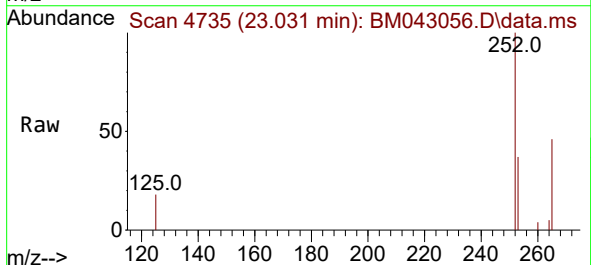
Ion	Ratio	Lower	Upper
228	100		
226	34.5	27.2	40.8
229	24.5	18.0	27.0

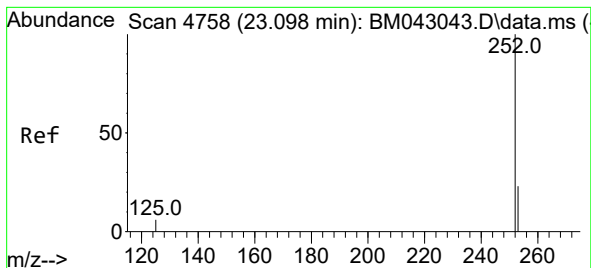


#24
Benzo(b)fluoranthene
Concen: 0.329 ng/ul
RT: 23.031 min Scan# 4735
Delta R.T. -0.020 min
Lab File: BM043056.D
Acq: 27 Nov 2023 19:24

Tgt Ion:252 Resp: 2991

Ion	Ratio	Lower	Upper
252	100		
253	37.2	0.0	71.8
125	18.2	0.0	29.0





#25

Benzo(k)fluoranthene

Concen: 0.375 ng/ul

RT: 23.031 min Scan# 41

Delta R.T. -0.067 min

Lab File: BM043056.D

Acq: 27 Nov 2023 19:24

Instrument :

BNP_P

ClientSampleId :

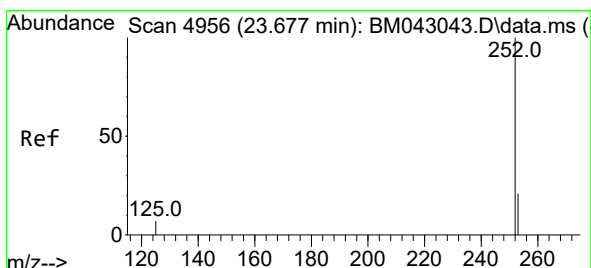
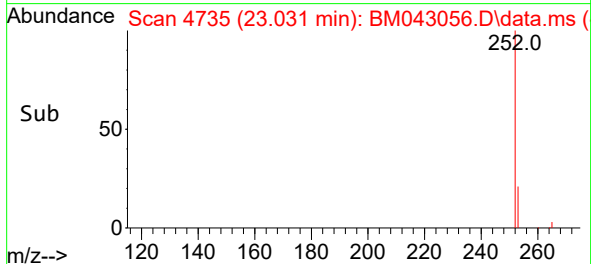
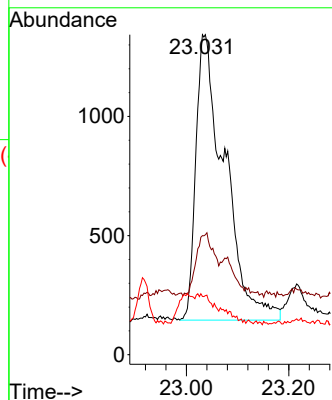
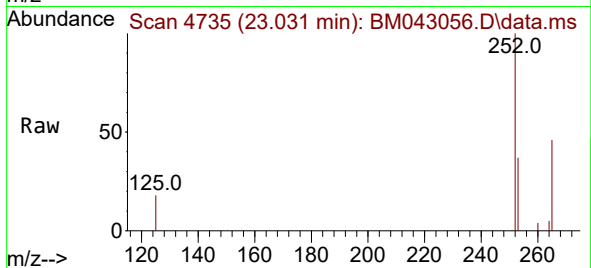
Tgt Ion:252 Resp: 4683

Ion Ratio Lower Upper

252 100

253 37.2 28.2 42.2

125 18.2 11.0 16.6#



#26

Benzo(a)pyrene

Concen: 0.185 ng/ul

RT: 23.645 min Scan# 4945

Delta R.T. -0.041 min

Lab File: BM043056.D

Acq: 27 Nov 2023 19:24

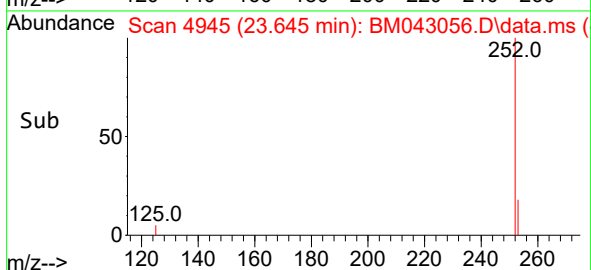
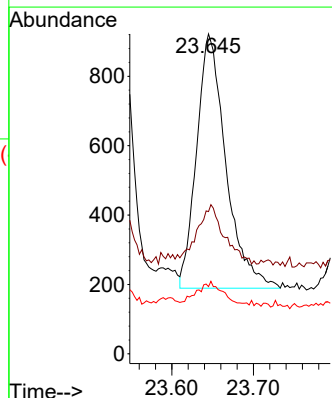
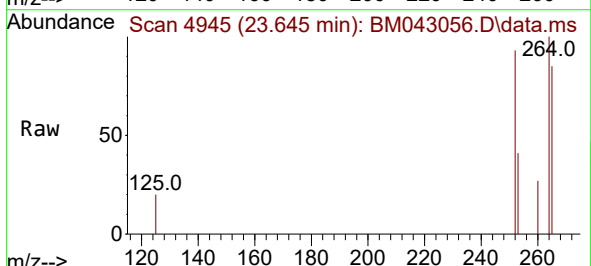
Tgt Ion:252 Resp: 1828

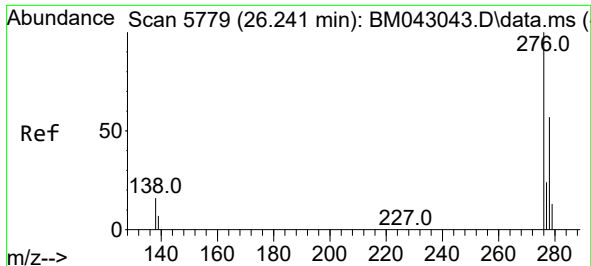
Ion Ratio Lower Upper

252 100

253 44.5 36.6 55.0

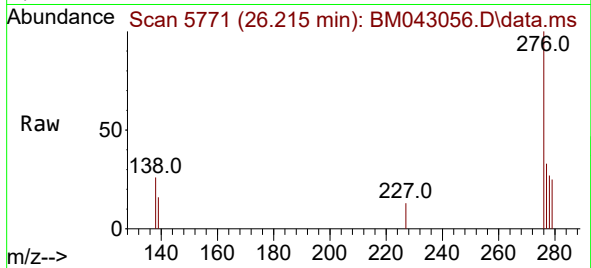
125 21.0 16.2 24.4



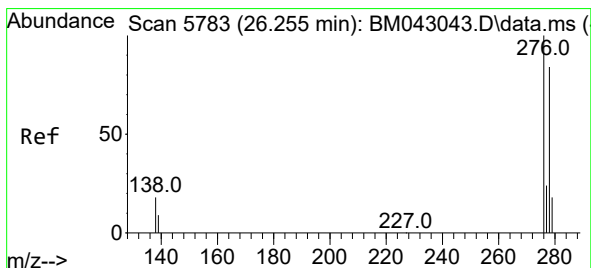
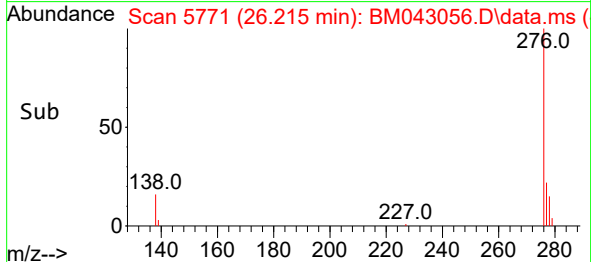
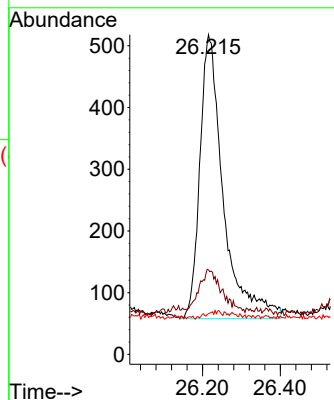


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.144 ng/ul
RT: 26.215 min Scan# 5771
Delta R.T. -0.023 min
Lab File: BM043056.D
Acq: 27 Nov 2023 19:24

Instrument :
BNA_P
ClientSampleId :

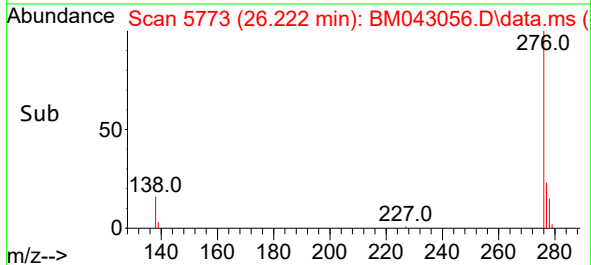
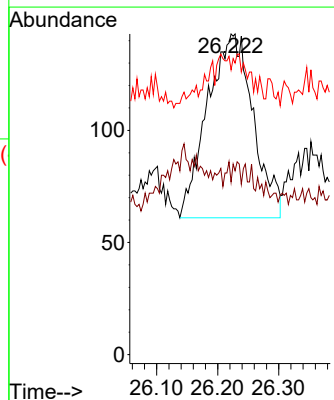
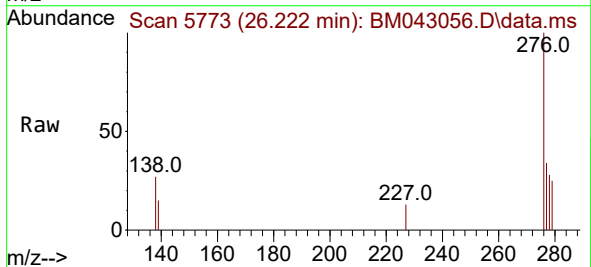


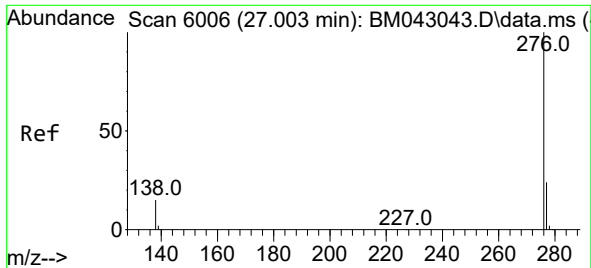
Tgt Ion:276 Resp: 1925
Ion Ratio Lower Upper
276 100
138 14.5 0.0 0.0#
227 0.3 0.2 0.2#



#28
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 26.222 min Scan# 5773
Delta R.T. -0.054 min
Lab File: BM043056.D
Acq: 27 Nov 2023 19:24

Tgt Ion:278 Resp: 427
Ion Ratio Lower Upper
278 100
139 53.8 18.1 27.1#
279 88.8 34.4 51.6#





#29

Benzo(g,h,i)perylene

Concen: 0.157 ng/ul

RT: 26.983 min Scan# 60

Delta R.T. -0.027 min

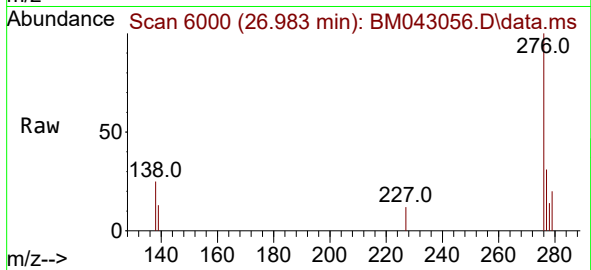
Lab File: BM043056.D

Acq: 27 Nov 2023 19:24

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 2046

Ion Ratio Lower Upper

276 100

138 25.3 17.8 26.8

277 31.2 23.8 35.8

