

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043042.D
 Acq On : 26 Nov 2023 07:57
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP184

Quant Time: Nov 27 02:46:43 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

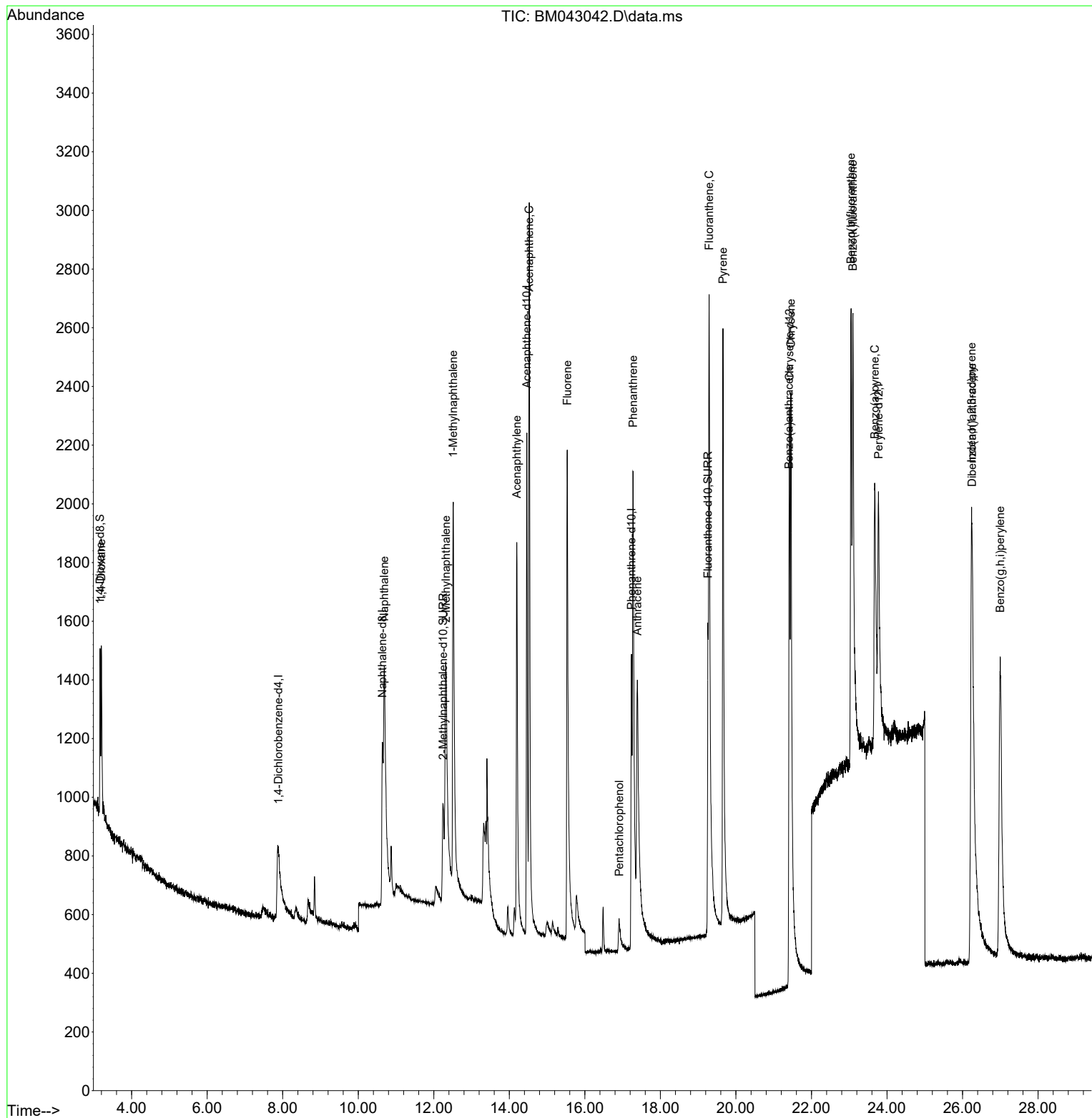
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.889	152	607	0.400	ng/ul	0.00
4) Naphthalene-d8	10.640	136	2001	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.465	164	1191	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	2418	0.400	ng/ul	0.00
17) Chrysene-d12	21.417	240	1329	0.400	ng/ul	0.00
23) Perylene-d12	23.776	264	1717	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	406	0.436	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	1207	0.451	ng/ul	0.00
18) Fluoranthene-d10	19.258	212	2147	0.443	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.198	88	460	0.460	ng/ul	98
5) Naphthalene	10.689	128	2322	0.427	ng/ul	99
7) 2-Methylnaphthalene	12.322	142	1380	0.430	ng/ul	97
8) 1-Methylnaphthalene	12.515	142	1524	0.426	ng/ul	99
10) Acenaphthylene	14.197	152	2542	0.418	ng/ul	97
11) Acenaphthene	14.525	153	1956	0.425	ng/ul	97
12) Fluorene	15.534	166	2074	0.439	ng/ul	99
14) Pentachlorophenol	16.909	266	203	0.310	ng/ul	92
15) Phenanthrene	17.276	178	2852	0.413	ng/ul	98
16) Anthracene	17.390	178	2680	0.410	ng/ul	98
19) Fluoranthene	19.290	202	3329	0.442	ng/ul	98
20) Pyrene	19.657	202	3400	0.424	ng/ul	99
21) Benzo(a)anthracene	21.406	228	1879	0.436	ng/ul	99
22) Chrysene	21.455	228	3400	0.423	ng/ul	99
24) Benzo(b)fluoranthene	23.048	252	2672	0.461	ng/ul	97
25) Benzo(k)fluoranthene	23.095	252	3629	0.455	ng/ul	97
26) Benzo(a)pyrene	23.674	252	2738	0.433	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.238	276	3917	0.458	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.252	278	3078	0.465	ng/ul	96
29) Benzo(g,h,i)perylene	26.996	276	3878	0.466	ng/ul	99

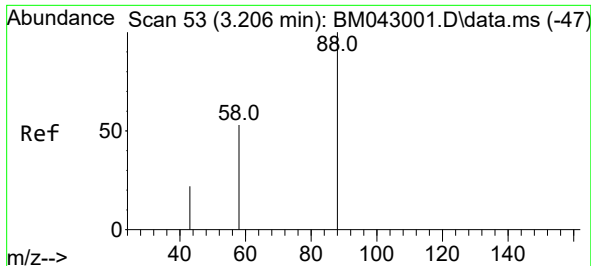
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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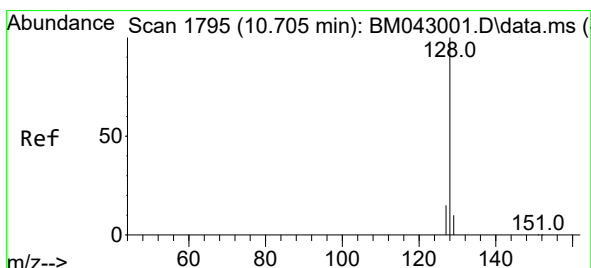
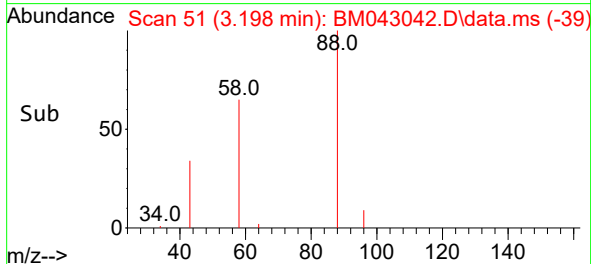
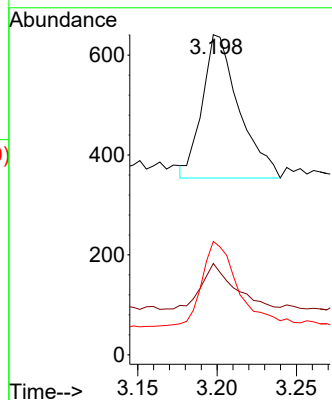
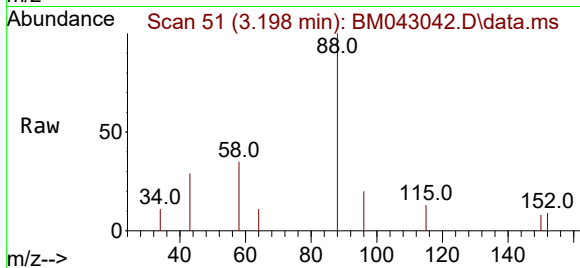




#2
1,4-Dioxane
Concen: 0.460 ng/ul
RT: 3.198 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM043042.D
Acq: 26 Nov 2023 07:57

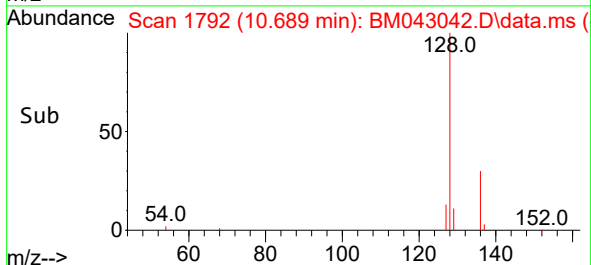
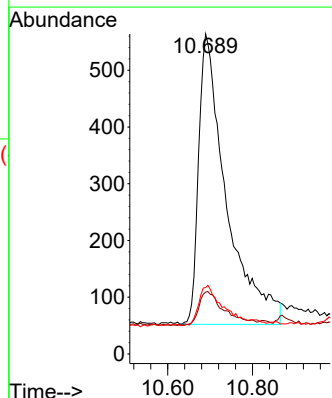
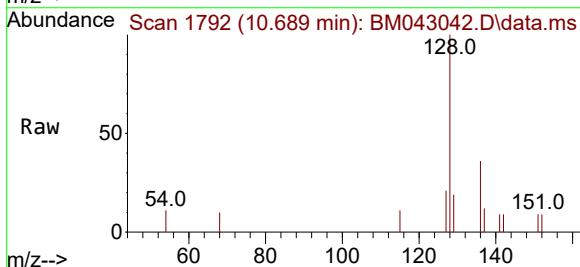
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BNA_M
ClientSampleId :
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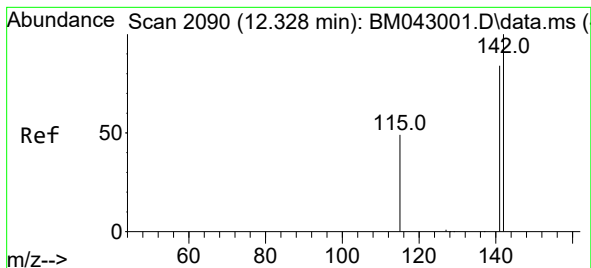
Tgt Ion: 88 Resp: 460
Ion Ratio Lower Upper
88 100
43 28.5 22.8 34.2
58 35.4 26.8 40.2



#5
Naphthalene
Concen: 0.427 ng/ul
RT: 10.689 min Scan# 1792
Delta R.T. -0.009 min
Lab File: BM043042.D
Acq: 26 Nov 2023 07:57

Tgt Ion: 128 Resp: 2322
Ion Ratio Lower Upper
128 100
129 19.3 16.0 24.0
127 20.7 16.5 24.7

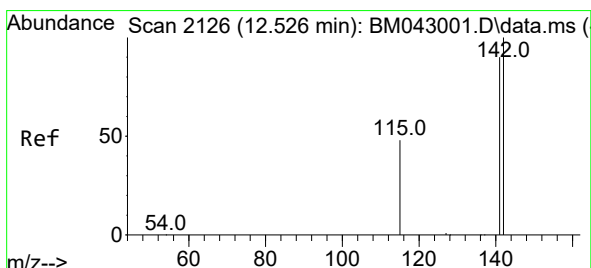
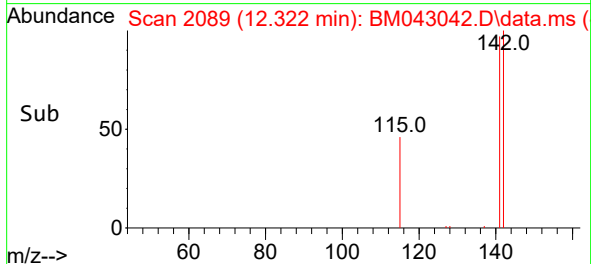
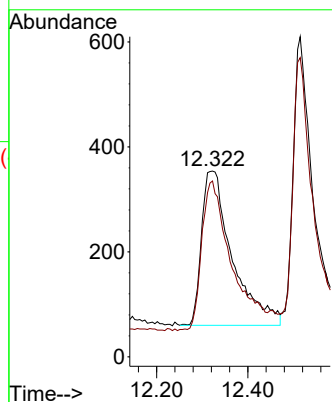
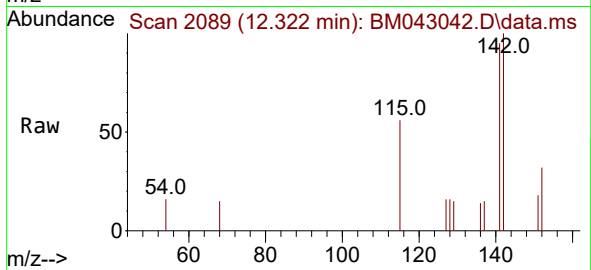




#7
2-Methylnaphthalene
Concen: 0.430 ng/ul
RT: 12.322 min Scan# 2090
Delta R.T. -0.009 min
Lab File: BM043042.D
Acq: 26 Nov 2023 07:57

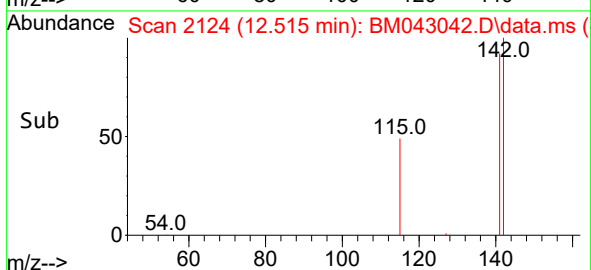
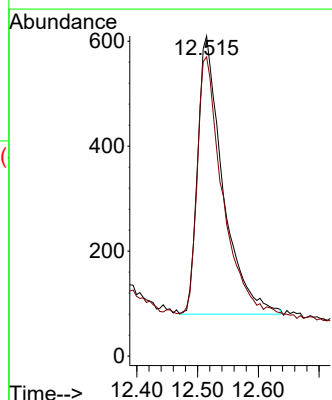
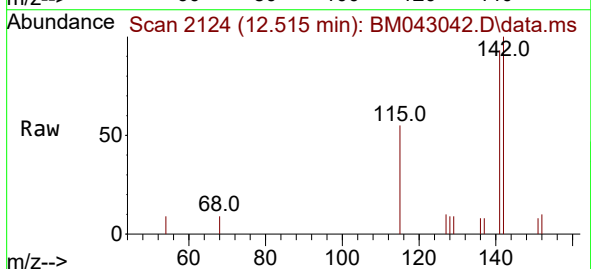
Instrument :
BNA_M
ClientSampleId :
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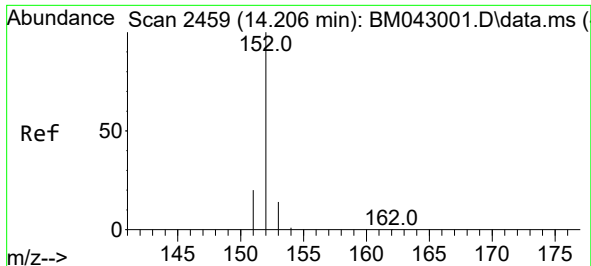
Tgt Ion:142 Resp: 1380
Ion Ratio Lower Upper
142 100
141 97.8 76.1 114.1



#8
1-Methylnaphthalene
Concen: 0.426 ng/ul
RT: 12.515 min Scan# 2124
Delta R.T. -0.004 min
Lab File: BM043042.D
Acq: 26 Nov 2023 07:57

Tgt Ion:142 Resp: 1524
Ion Ratio Lower Upper
142 100
141 91.6 73.8 110.8

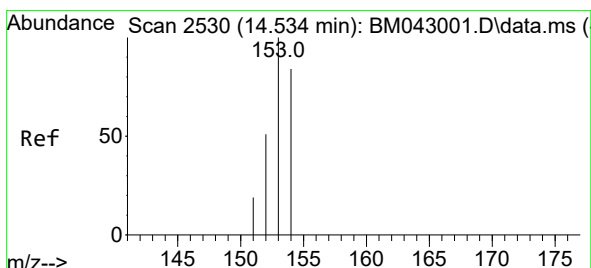
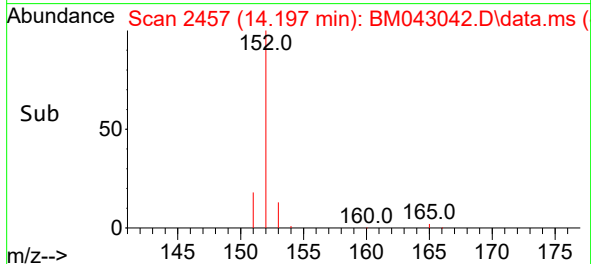
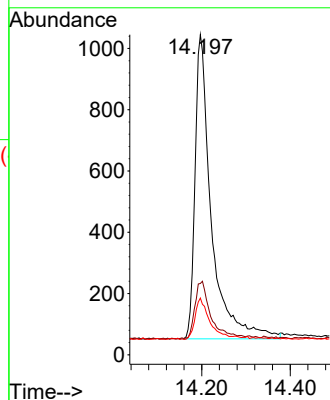
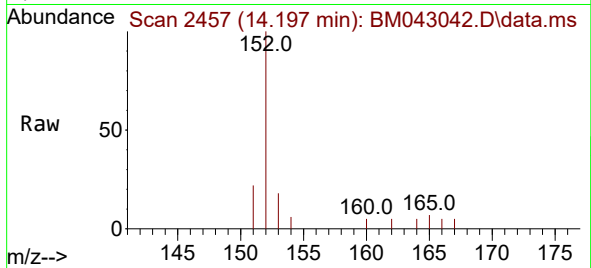




#10
Acenaphthylene
Concen: 0.418 ng/ul
RT: 14.197 min Scan# 2459
Delta R.T. -0.008 min
Lab File: BM043042.D
Acq: 26 Nov 2023 07:57

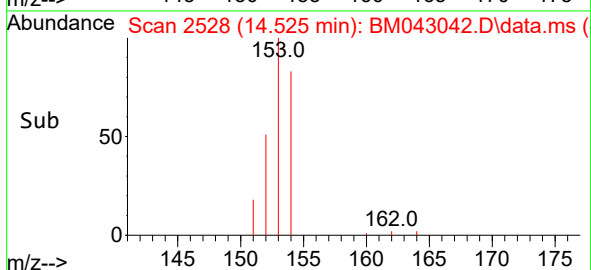
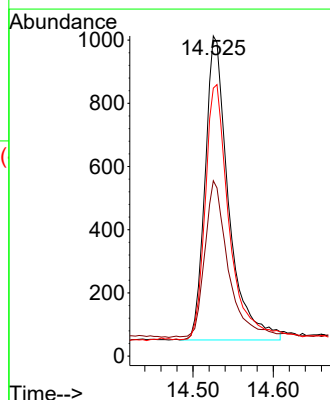
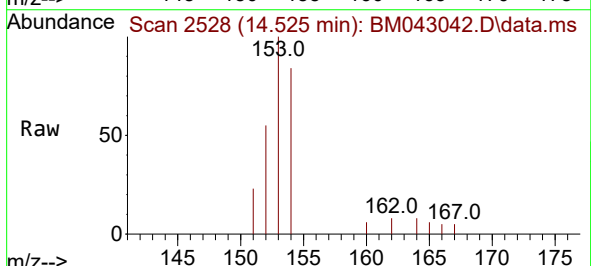
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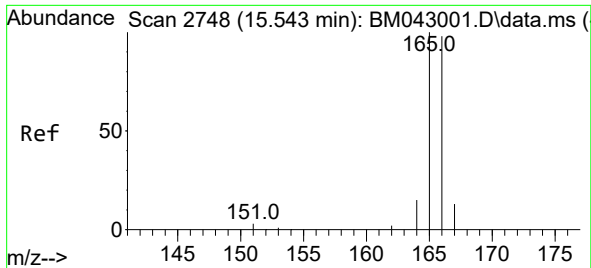
Tgt Ion:152	Resp:	2542
Ion Ratio	Lower	Upper
152	100	
151	22.3	19.4 29.0
153	17.7	14.6 21.8



#11
Acenaphthene
Concen: 0.425 ng/ul
RT: 14.525 min Scan# 2528
Delta R.T. -0.008 min
Lab File: BM043042.D
Acq: 26 Nov 2023 07:57

Tgt Ion:153	Resp:	1956
Ion Ratio	Lower	Upper
153	100	
152	54.8	43.9 65.9
154	83.7	70.6 105.8

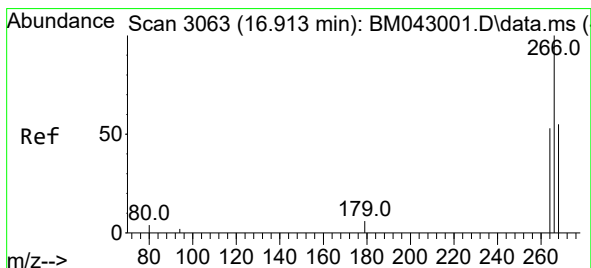
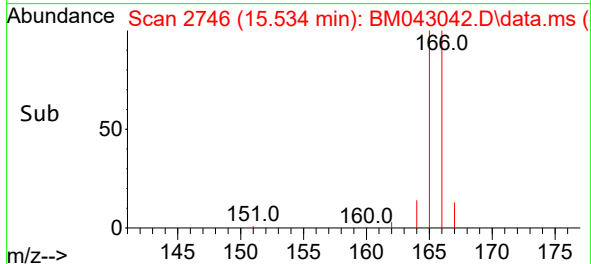
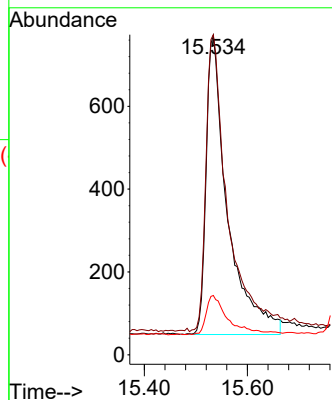
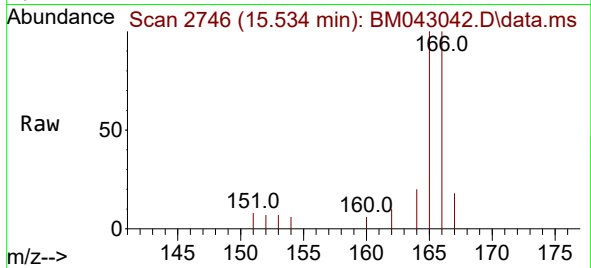




#12
Fluorene
Concen: 0.439 ng/ul
RT: 15.534 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM043042.D
Acq: 26 Nov 2023 07:57

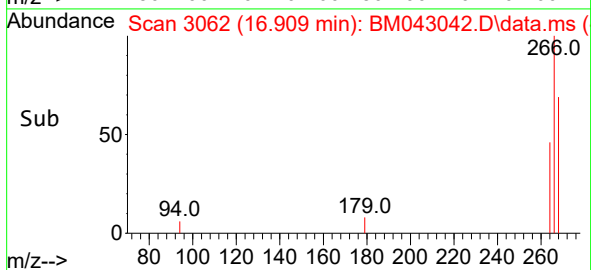
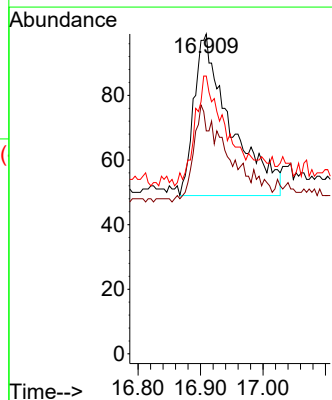
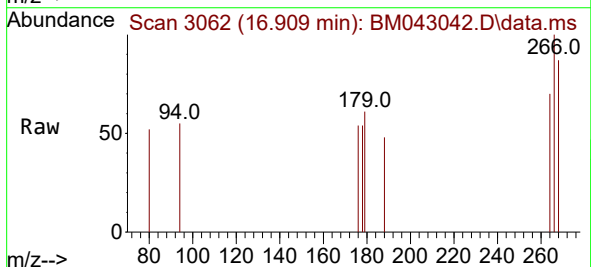
Instrument :
BNA_M
ClientSampleId :
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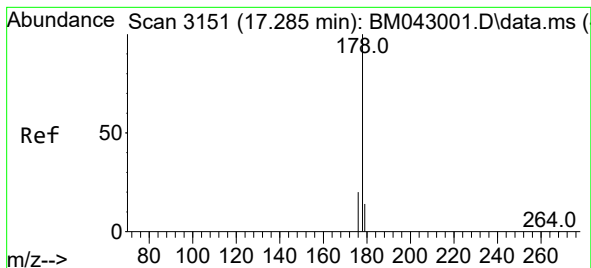
Tgt Ion:166 Resp: 2074
Ion Ratio Lower Upper
166 100
165 100.3 79.9 119.9
167 18.5 14.2 21.4



#14
Pentachlorophenol
Concen: 0.310 ng/ul
RT: 16.909 min Scan# 3062
Delta R.T. -0.003 min
Lab File: BM043042.D
Acq: 26 Nov 2023 07:57

Tgt Ion:266 Resp: 203
Ion Ratio Lower Upper
266 100
264 51.7 48.8 73.2
268 67.5 51.8 77.6





#15

Phenanthrene

Concen: 0.413 ng/ul

RT: 17.276 min Scan# 3149

Delta R.T. -0.003 min

Lab File: BM043042.D

Acq: 26 Nov 2023 07:57

Instrument :

BNA_M

ClientSampleId :

DFTPP184

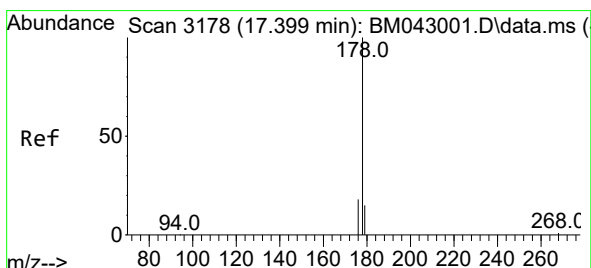
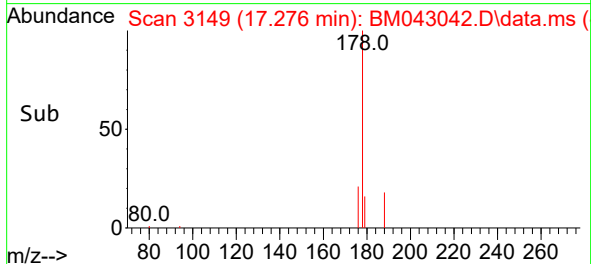
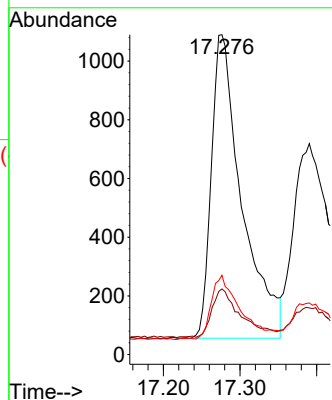
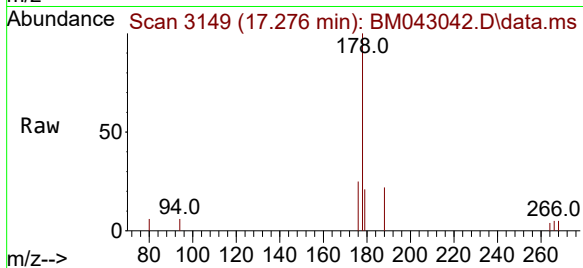
Tgt Ion:178 Resp: 2852

Ion Ratio Lower Upper

178 100

179 20.6 15.7 23.5

176 24.8 18.9 28.3



#16

Anthracene

Concen: 0.410 ng/ul

RT: 17.390 min Scan# 3176

Delta R.T. -0.003 min

Lab File: BM043042.D

Acq: 26 Nov 2023 07:57

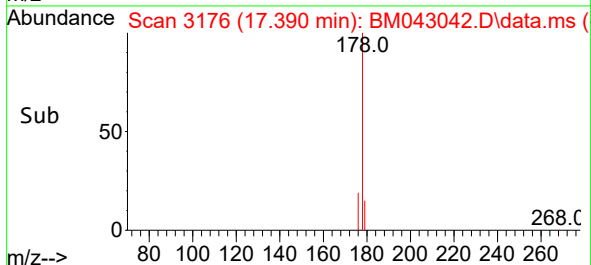
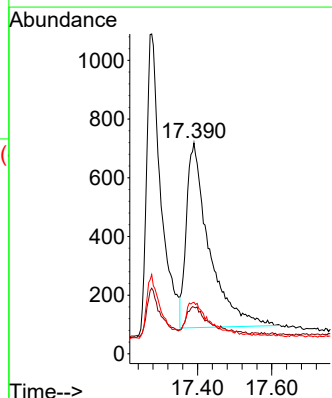
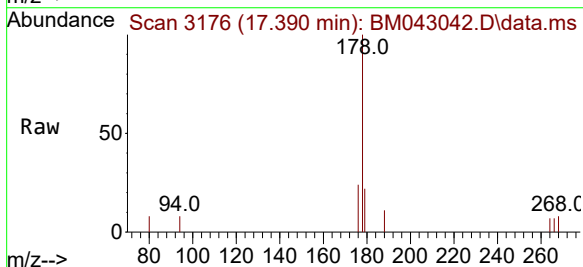
Tgt Ion:178 Resp: 2680

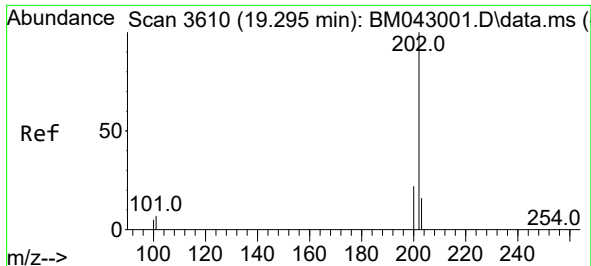
Ion Ratio Lower Upper

178 100

179 22.1 17.3 25.9

176 24.5 20.5 30.7

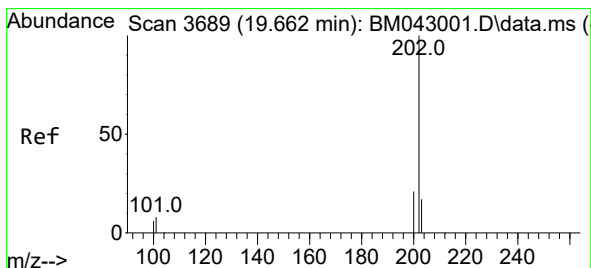
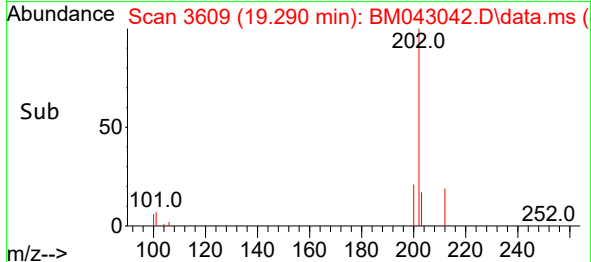
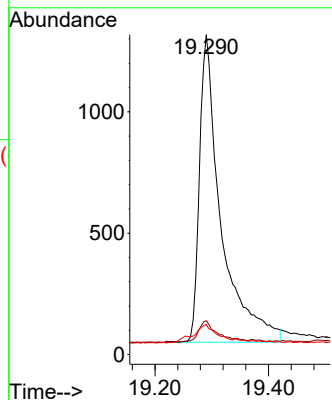
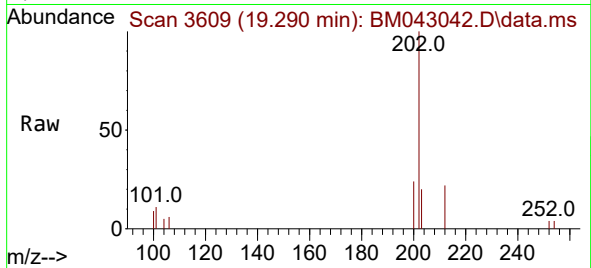




#19
Fluoranthene
Concen: 0.442 ng/ul
RT: 19.290 min Scan# 3610
Delta R.T. -0.003 min
Lab File: BM043042.D
Acq: 26 Nov 2023 07:57

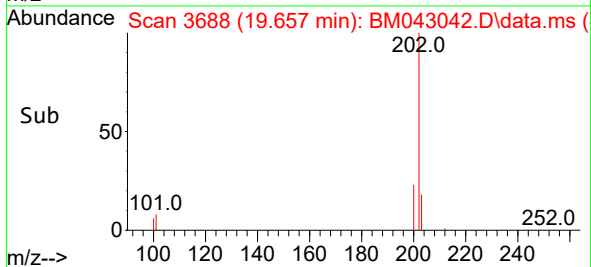
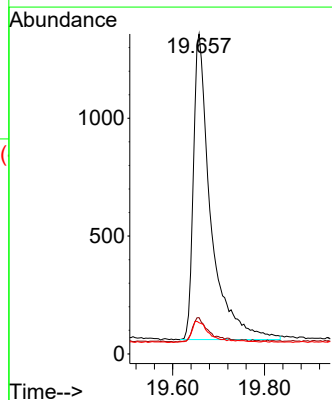
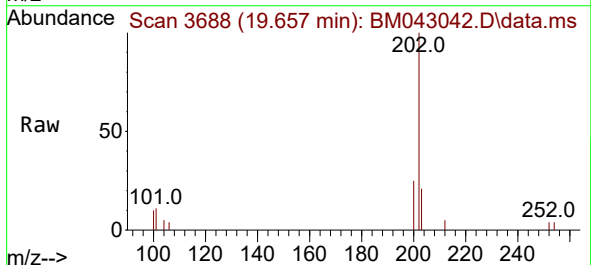
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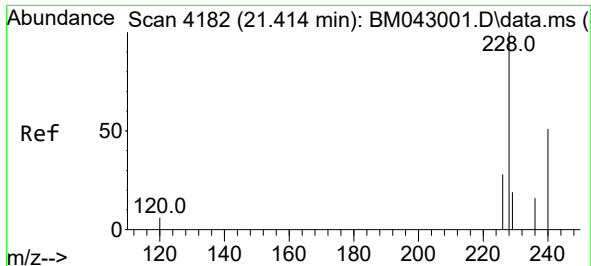
Tgt Ion:202 Resp: 3329
Ion Ratio Lower Upper
202 100
101 10.5 7.8 11.8
100 9.4 7.1 10.7



#20
Pyrene
Concen: 0.424 ng/ul
RT: 19.657 min Scan# 3688
Delta R.T. -0.003 min
Lab File: BM043042.D
Acq: 26 Nov 2023 07:57

Tgt Ion:202 Resp: 3400
Ion Ratio Lower Upper
202 100
101 11.3 8.7 13.1
100 9.7 7.8 11.8

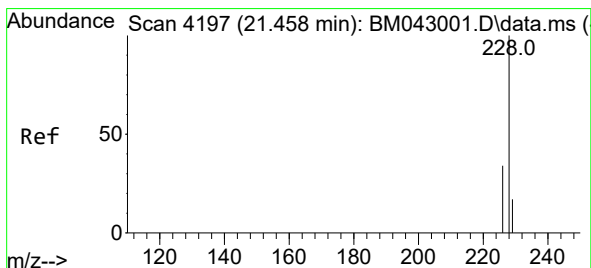
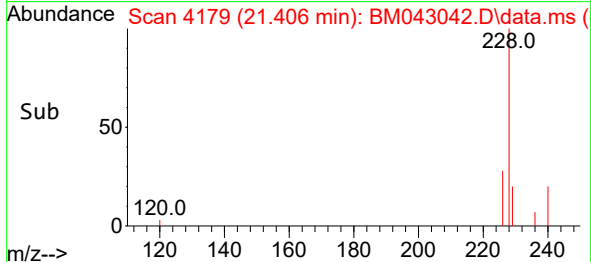
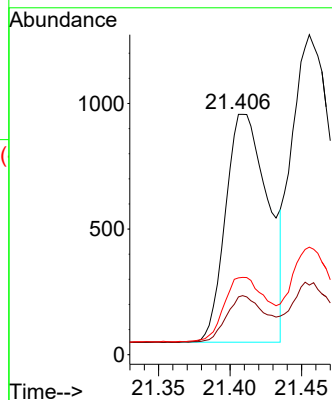
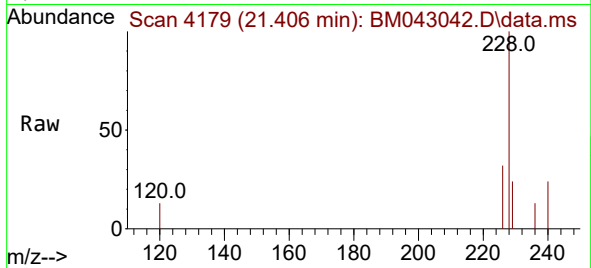




#21
Benzo(a)anthracene
Concen: 0.436 ng/ul
RT: 21.406 min Scan# 4182
Delta R.T. -0.006 min
Lab File: BM043042.D
Acq: 26 Nov 2023 07:57

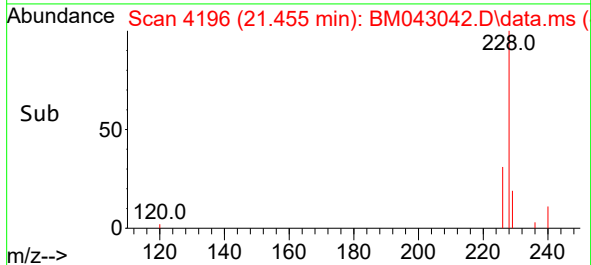
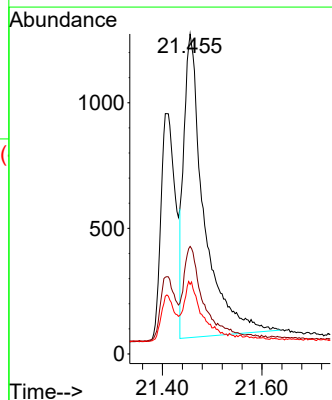
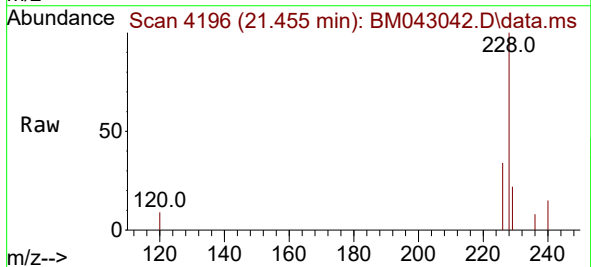
Instrument :
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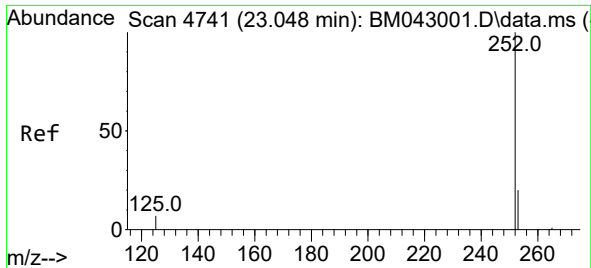
Tgt Ion:228 Resp: 1879
Ion Ratio Lower Upper
228 100
229 24.0 19.4 29.0
226 32.0 24.9 37.3



#22
Chrysene
Concen: 0.423 ng/ul
RT: 21.455 min Scan# 4196
Delta R.T. -0.003 min
Lab File: BM043042.D
Acq: 26 Nov 2023 07:57

Tgt Ion:228 Resp: 3400
Ion Ratio Lower Upper
228 100
226 33.6 27.2 40.8
229 21.7 18.0 27.0

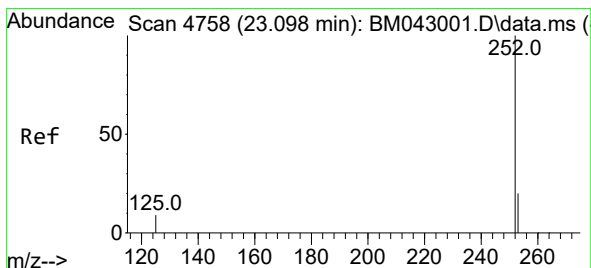
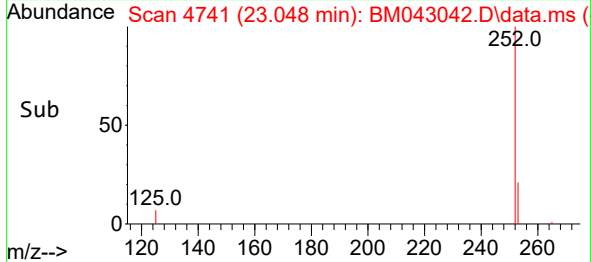
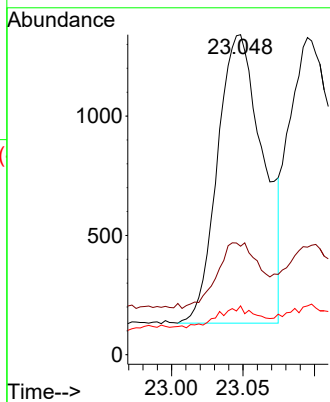
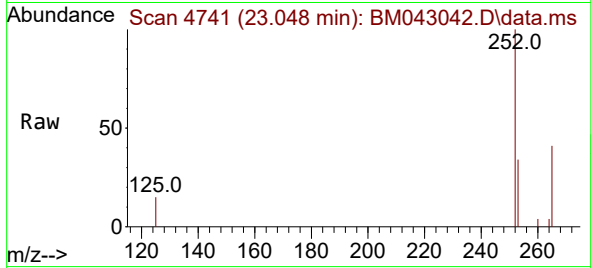




#24
Benzo(b)fluoranthene
Concen: 0.461 ng/ul
RT: 23.048 min Scan# 4741
Delta R.T. -0.003 min
Lab File: BM043042.D
Acq: 26 Nov 2023 07:57

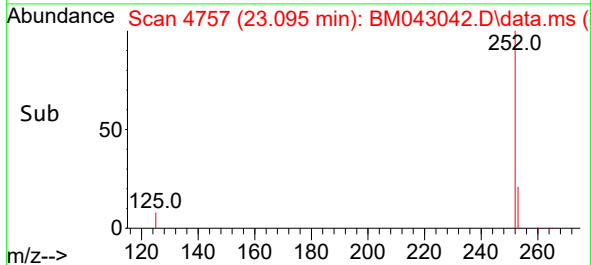
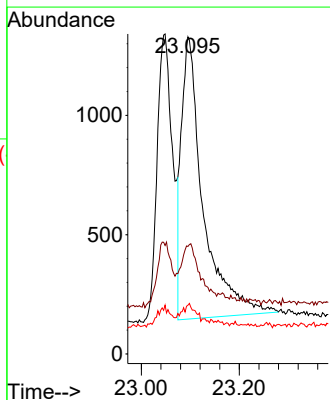
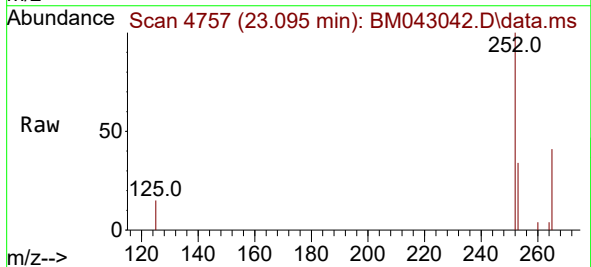
Instrument :
BNA_M
ClientSampleId :
DFTPP184

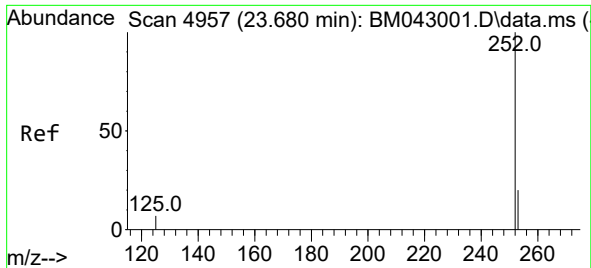
Tgt Ion:252 Resp: 2672
Ion Ratio Lower Upper
252 100
253 33.9 0.0 71.8
125 15.3 0.0 29.0



#25
Benzo(k)fluoranthene
Concen: 0.455 ng/ul
RT: 23.095 min Scan# 4757
Delta R.T. -0.003 min
Lab File: BM043042.D
Acq: 26 Nov 2023 07:57

Tgt Ion:252 Resp: 3629
Ion Ratio Lower Upper
252 100
253 33.9 28.2 42.2
125 15.4 11.0 16.6

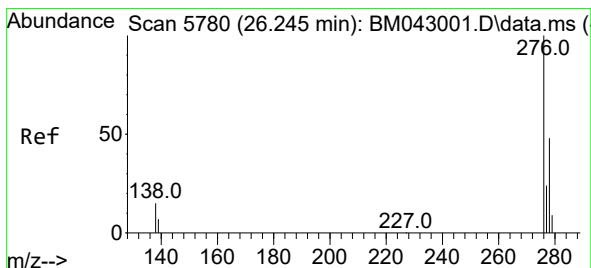
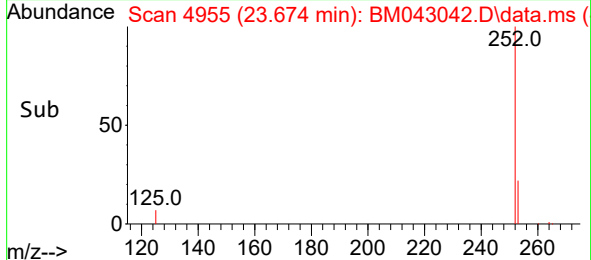
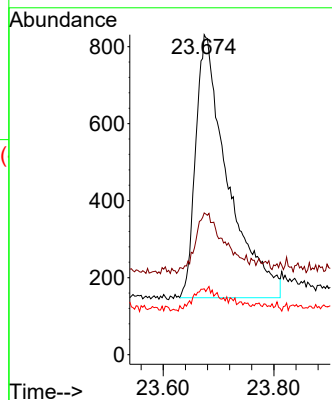
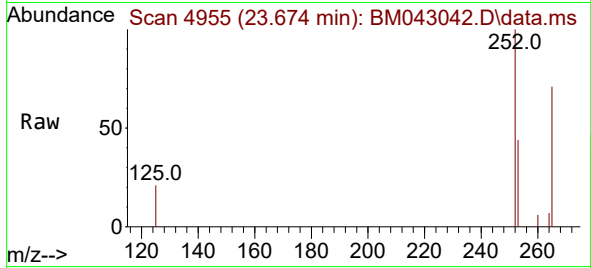




#26
Benzo(a)pyrene
Concen: 0.433 ng/ul
RT: 23.674 min Scan# 4955
Delta R.T. -0.012 min
Lab File: BM043042.D
Acq: 26 Nov 2023 07:57

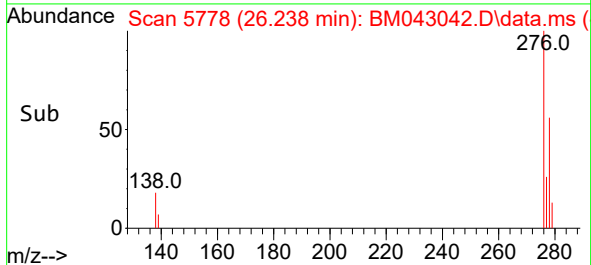
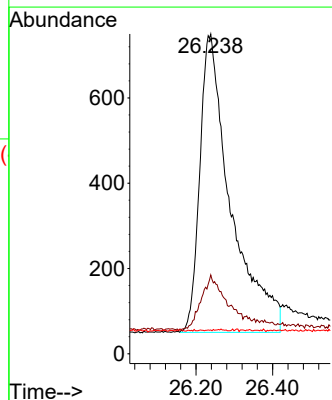
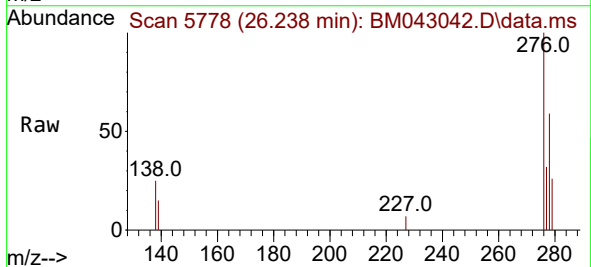
Instrument :
BNA_M
ClientSampleId :
DFTPP184

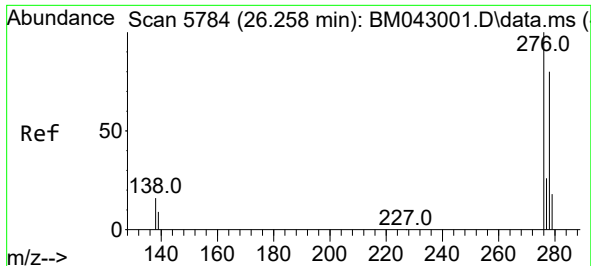
Tgt Ion:252 Resp: 2738
Ion Ratio Lower Upper
252 100
253 44.3 36.6 55.0
125 20.6 16.2 24.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.458 ng/ul
RT: 26.238 min Scan# 5778
Delta R.T. -0.000 min
Lab File: BM043042.D
Acq: 26 Nov 2023 07:57

Tgt Ion:276 Resp: 3917
Ion Ratio Lower Upper
276 100
138 18.7 0.0 0.0#
227 0.1 0.2 0.2#

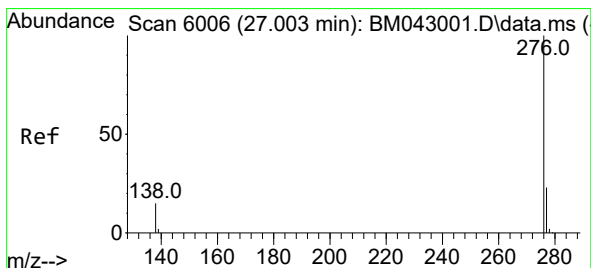
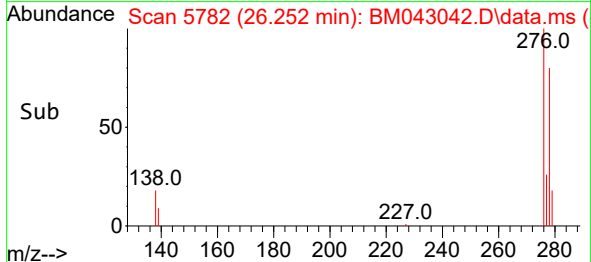
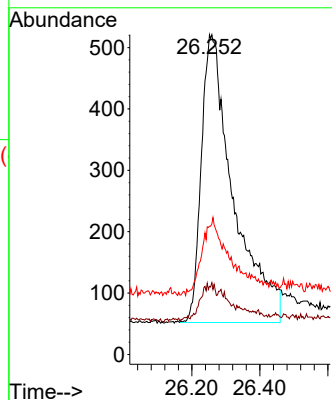
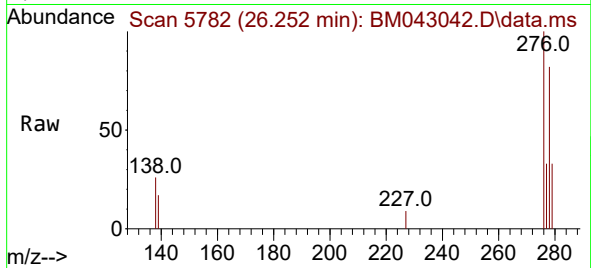




#28
Dibenzo(a,h)anthracene
Concen: 0.465 ng/ul
RT: 26.252 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM043042.D
Acq: 26 Nov 2023 07:57

Instrument :
BNA_M
ClientSampleId :
DFTPP184

Tgt Ion:	278	Resp:	3078
Ion	Ratio	Lower	Upper
278	100		
139	21.3	18.1	27.1
279	40.1	34.4	51.6



#29
Benzo(g,h,i)perylene
Concen: 0.466 ng/ul
RT: 26.996 min Scan# 6004
Delta R.T. -0.014 min
Lab File: BM043042.D
Acq: 26 Nov 2023 07:57

Tgt Ion:	276	Resp:	3878
Ion	Ratio	Lower	Upper
276	100		
138	22.2	17.8	26.8
277	31.0	23.8	35.8

