

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
 Data File : BM042953.D
 Acq On : 22 Nov 2023 15:40
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

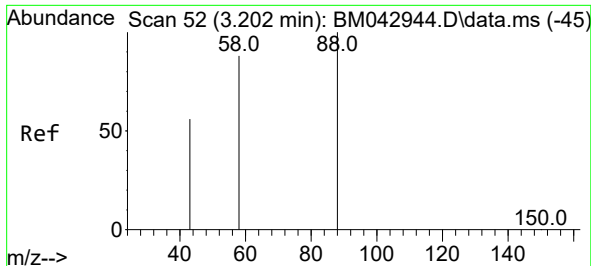
Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4131

Quant Time: Nov 23 00:11:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 22 10:35:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.868	152	555	0.400	ng/ul	0.03
4) Naphthalene-d8	10.650	136	1491	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.474	164	777	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.238	188	1629	0.400	ng/ul	0.00
17) Chrysene-d12	21.420	240	1145	0.400	ng/ul	0.00
23) Perylene-d12	23.779	264	1545	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	405	0.464	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	744	0.396	ng/ul	0.01
18) Fluoranthene-d10	19.262	212	1478	0.396	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.206	88	466	0.480	ng/ul#	70
5) Naphthalene	10.694	128	1862	0.396	ng/ul#	92
7) 2-Methylnaphthalene	12.322	142	1042	0.379	ng/ul	99
8) 1-Methylnaphthalene	12.526	142	1091	0.378	ng/ul	94
10) Acenaphthylene	14.206	152	1985	0.385	ng/ul	99
11) Acenaphthene	14.534	153	1454	0.402	ng/ul	97
12) Fluorene	15.538	166	1527	0.393	ng/ul	97
14) Pentachlorophenol	16.900	266	290	0.320	ng/ul	97
15) Phenanthrene	17.276	178	2259	0.395	ng/ul	96
16) Anthracene	17.386	178	2255	0.380	ng/ul	95
19) Fluoranthene	19.295	202	2893	0.400	ng/ul	98
20) Pyrene	19.662	202	3133	0.403	ng/ul	99
21) Benzo(a)anthracene	21.406	228	1835	0.342	ng/ul	98
22) Chrysene	21.458	228	2918	0.420	ng/ul	97
24) Benzo(b)fluoranthene	23.048	252	2370	0.381	ng/ul	93
25) Benzo(k)fluoranthene	23.101	252	3255	0.421	ng/ul	95
26) Benzo(a)pyrene	23.680	252	2577	0.404	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.241	276	3303	0.387	ng/ul	91
28) Dibenzo(a,h)anthracene	26.265	278	2422	0.381	ng/ul	99
29) Benzo(g,h,i)perylene	27.009	276	2958	0.407	ng/ul	99

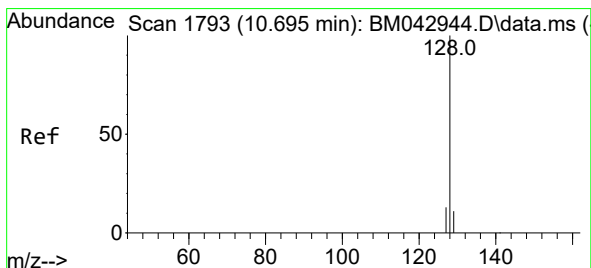
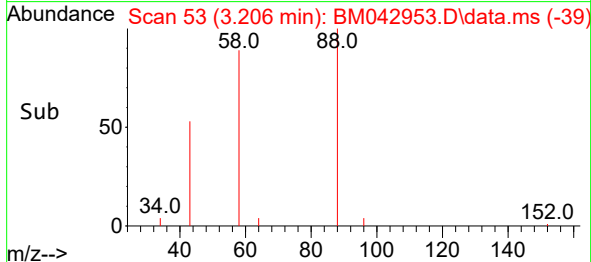
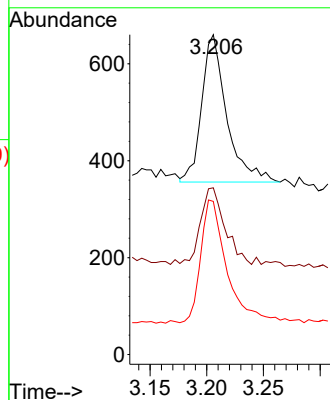
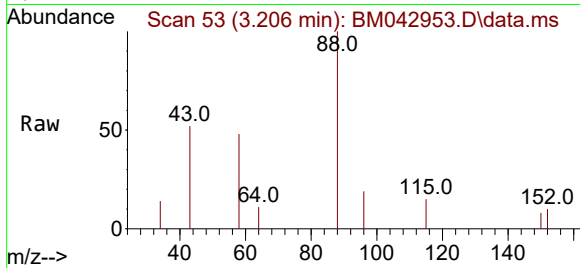
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.480 ng/ul
RT: 3.206 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM042953.D
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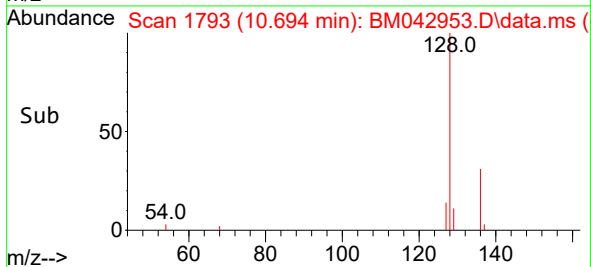
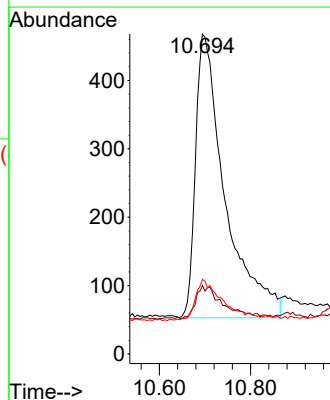
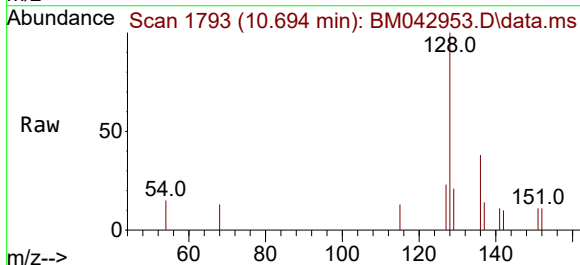
Instrument :
BNA_M
ClientSampleId :
SSTD0.4131

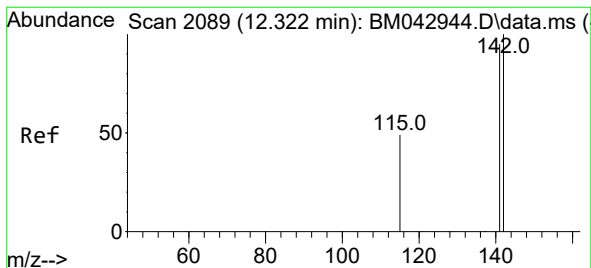
Tgt Ion: 88 Resp: 466
Ion Ratio Lower Upper
88 100
43 52.1 30.5 45.7#
58 47.9 21.8 32.6#



#5
Naphthalene
Concen: 0.396 ng/ul
RT: 10.694 min Scan# 1793
Delta R.T. 0.012 min
Lab File: BM042953.D
Acq: 22 Nov 2023 15:40

Tgt Ion: 128 Resp: 1862
Ion Ratio Lower Upper
128 100
129 21.4 14.2 21.4#
127 23.3 15.8 23.6

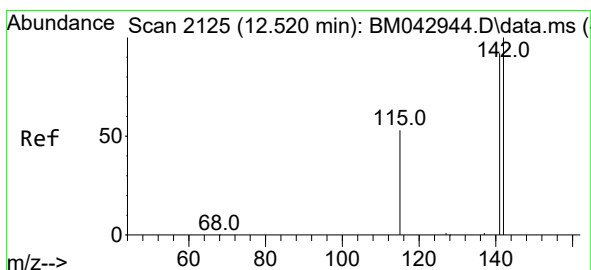
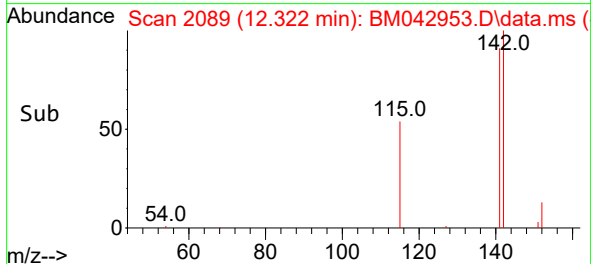
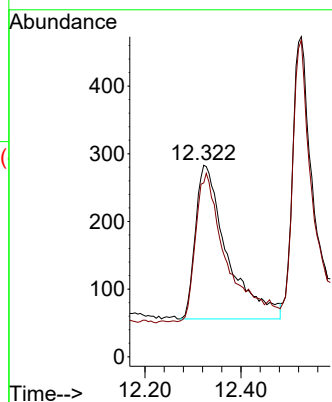
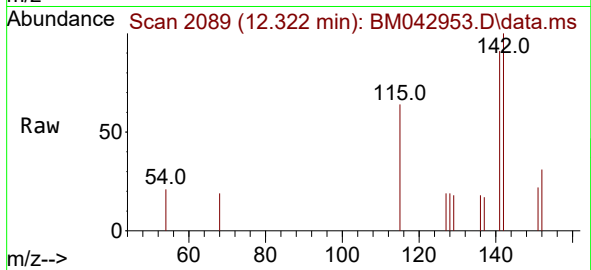




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.322 min Scan# 2089
Delta R.T. 0.012 min
Lab File: BM042953.D
Acq: 22 Nov 2023 15:40

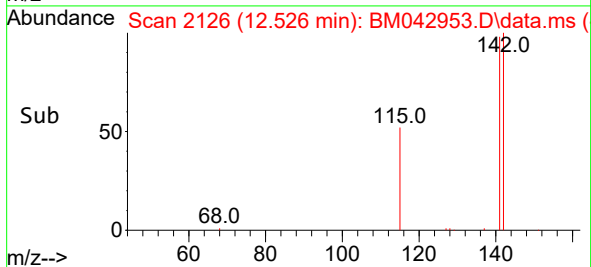
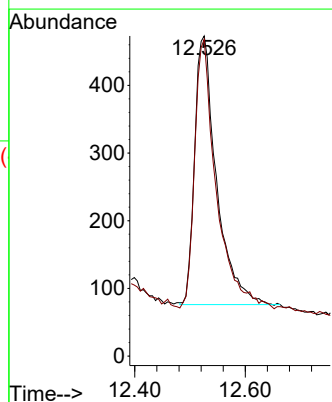
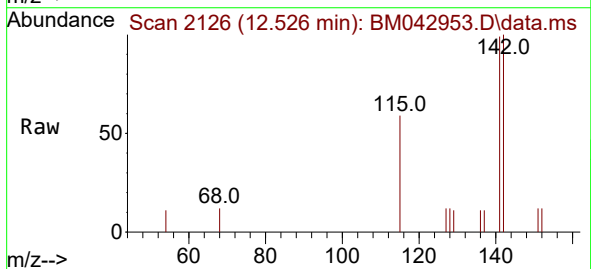
Instrument :
BNA_M
ClientSampleId :
SSTD0.4131

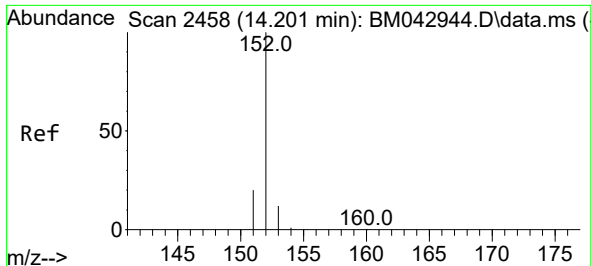
Tgt Ion:142 Resp: 1042
Ion Ratio Lower Upper
142 100
141 95.6 77.2 115.8



#8
1-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 12.526 min Scan# 2126
Delta R.T. 0.007 min
Lab File: BM042953.D
Acq: 22 Nov 2023 15:40

Tgt Ion:142 Resp: 1091
Ion Ratio Lower Upper
142 100
141 99.5 74.6 112.0

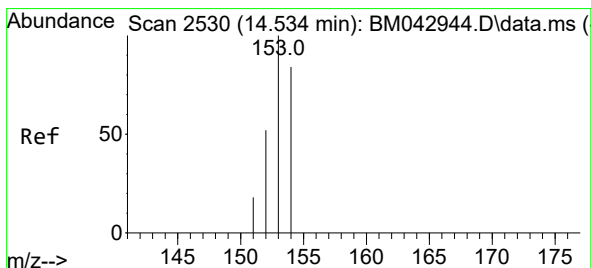
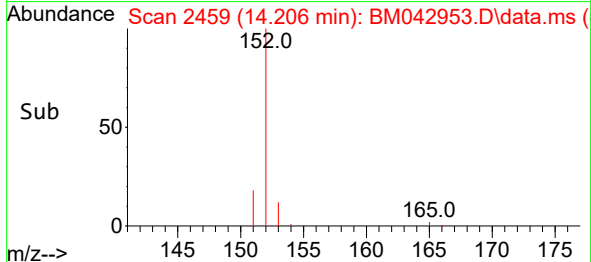
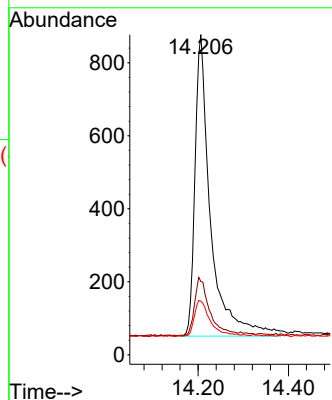
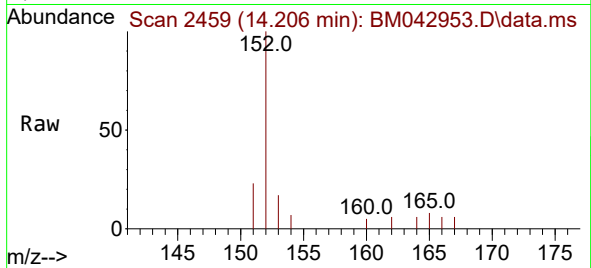




#10
Acenaphthylene
Concen: 0.385 ng/ul
RT: 14.206 min Scan# 2458
Delta R.T. 0.006 min
Lab File: BM042953.D
Acq: 22 Nov 2023 15:40

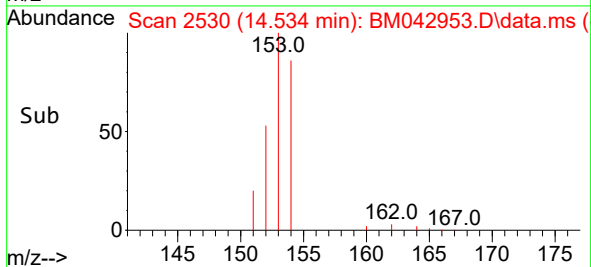
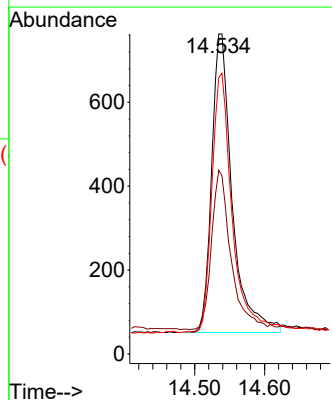
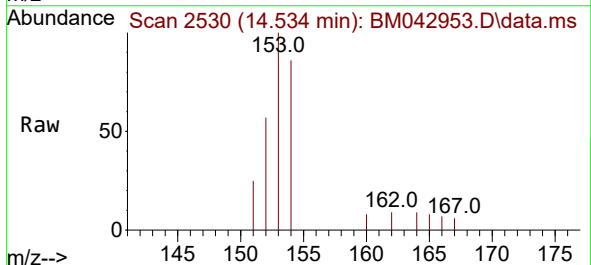
Instrument :
BNA_M
ClientSampleId :
SSTD0.4131

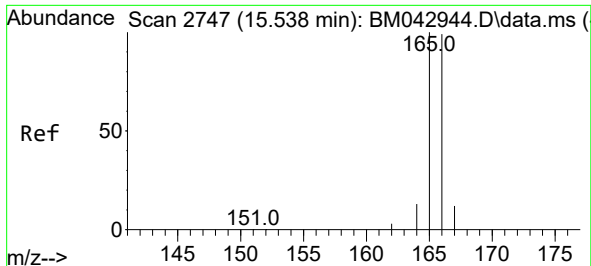
Tgt Ion:152 Resp: 1985
Ion Ratio Lower Upper
152 100
151 22.9 18.5 27.7
153 16.8 12.9 19.3



#11
Acenaphthene
Concen: 0.402 ng/ul
RT: 14.534 min Scan# 2530
Delta R.T. 0.001 min
Lab File: BM042953.D
Acq: 22 Nov 2023 15:40

Tgt Ion:153 Resp: 1454
Ion Ratio Lower Upper
153 100
152 57.4 43.3 64.9
154 86.4 70.6 105.8

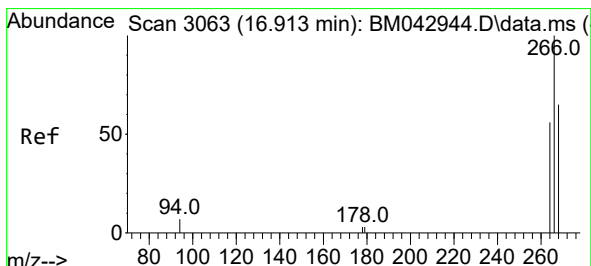
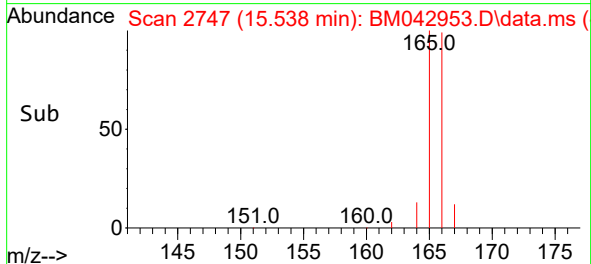
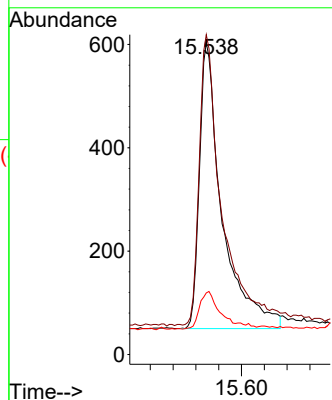
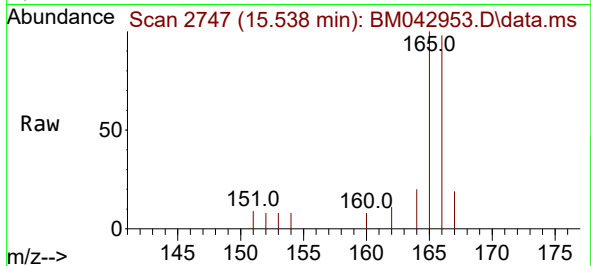




#12
 Fluorene
 Concen: 0.393 ng/ul
 RT: 15.538 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: BM042953.D
 Acq: 22 Nov 2023 15:40

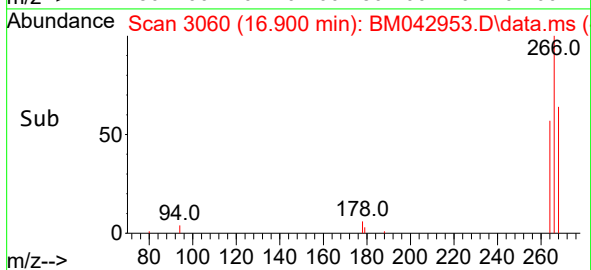
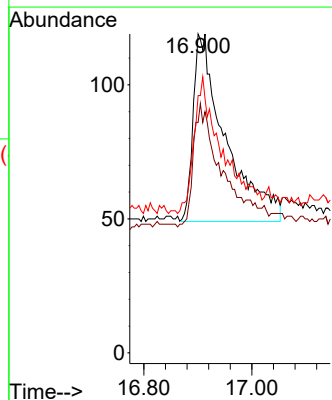
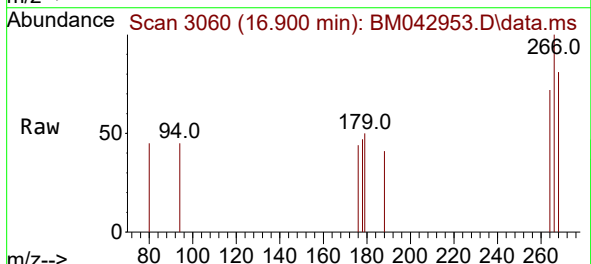
Instrument :
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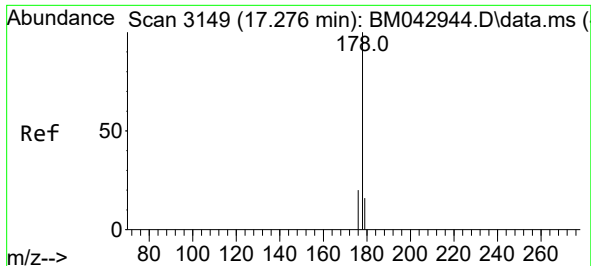
Tgt Ion:166 Resp: 1527
 Ion Ratio Lower Upper
 166 100
 165 102.5 84.3 126.5
 167 19.7 15.0 22.6



#14
 Pentachlorophenol
 Concen: 0.320 ng/ul
 RT: 16.900 min Scan# 3060
 Delta R.T. 0.010 min
 Lab File: BM042953.D
 Acq: 22 Nov 2023 15:40

Tgt Ion:266 Resp: 290
 Ion Ratio Lower Upper
 266 100
 264 64.8 52.2 78.2
 268 64.1 48.0 72.0

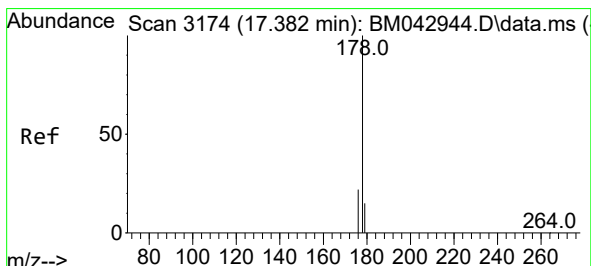
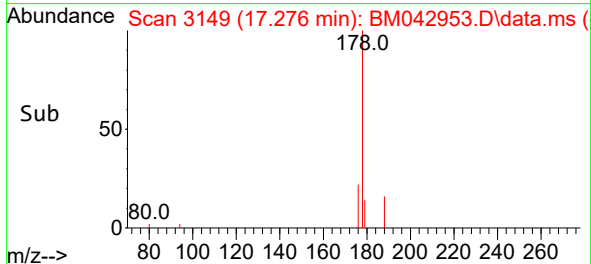
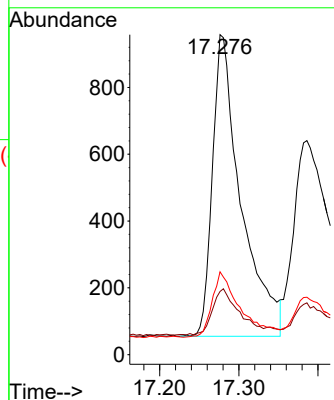
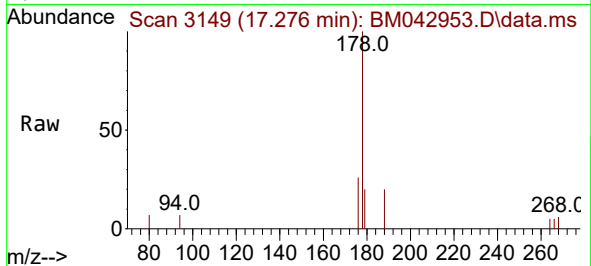




#15
Phenanthrene
Concen: 0.395 ng/ul
RT: 17.276 min Scan# 3149
Delta R.T. 0.005 min
Lab File: BM042953.D
Acq: 22 Nov 2023 15:40

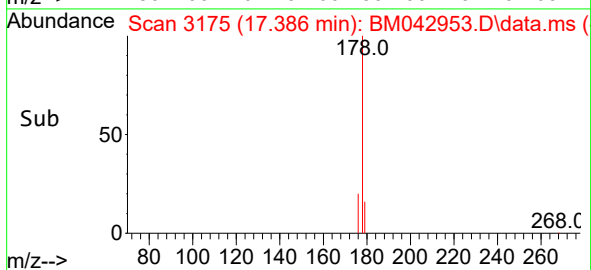
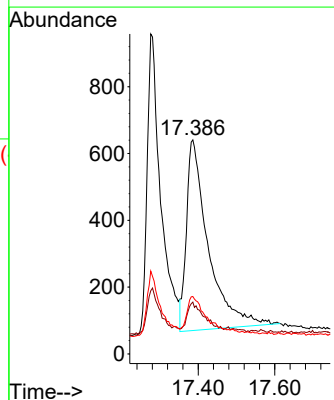
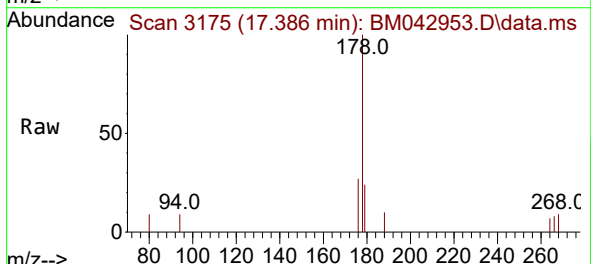
Instrument :
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ClientSampleId :
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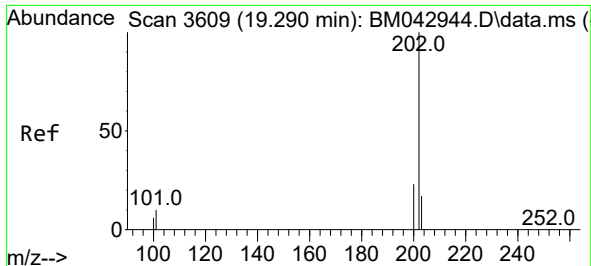
Tgt Ion:	178	Resp:	2259
Ion	Ratio	Lower	Upper
178	100		
179	19.7	14.9	22.3
176	25.9	18.6	27.8



#16
Anthracene
Concen: 0.380 ng/ul
RT: 17.386 min Scan# 3175
Delta R.T. 0.014 min
Lab File: BM042953.D
Acq: 22 Nov 2023 15:40

Tgt Ion:	178	Resp:	2255
Ion	Ratio	Lower	Upper
178	100		
179	24.2	16.6	24.8
176	26.8	20.3	30.5

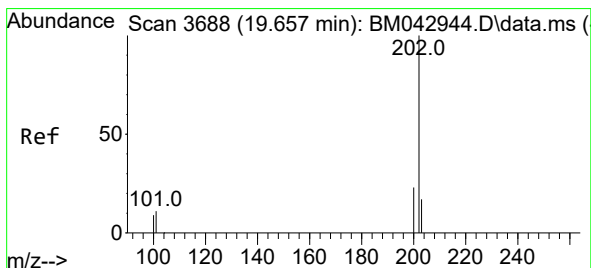
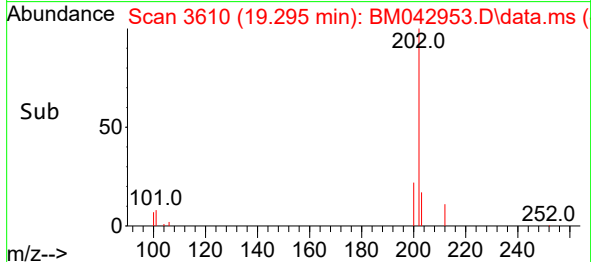
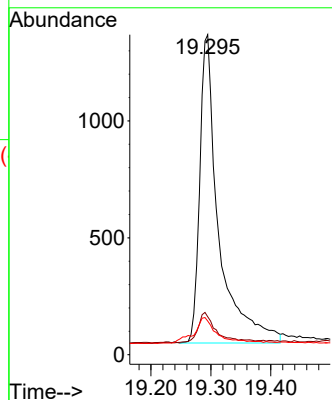
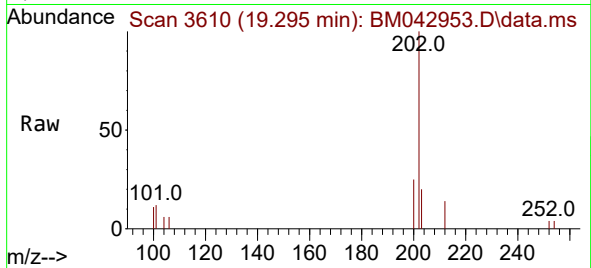




#19
Fluoranthene
Concen: 0.400 ng/ul
RT: 19.295 min Scan# 3610
Delta R.T. 0.010 min
Lab File: BM042953.D
Acq: 22 Nov 2023 15:40

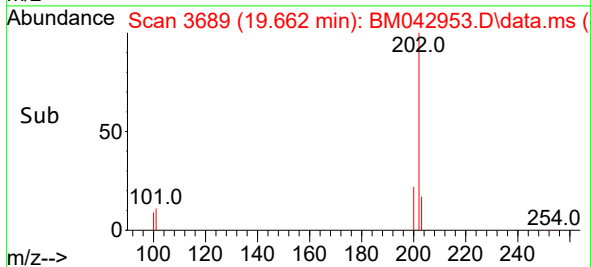
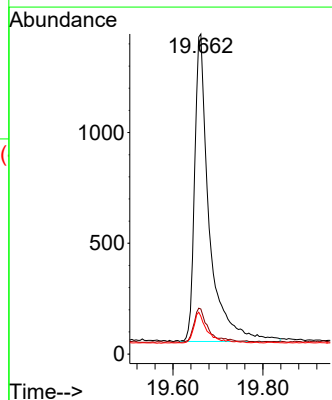
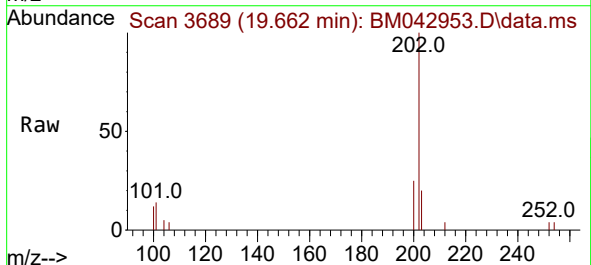
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ClientSampleId :
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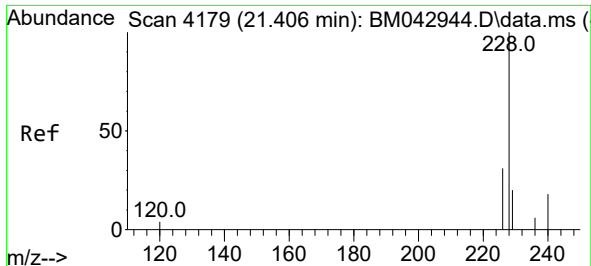
Tgt Ion:202 Resp: 2893
Ion Ratio Lower Upper
202 100
101 11.8 10.2 15.4
100 10.5 8.2 12.2



#20
Pyrene
Concen: 0.403 ng/ul
RT: 19.662 min Scan# 3689
Delta R.T. 0.010 min
Lab File: BM042953.D
Acq: 22 Nov 2023 15:40

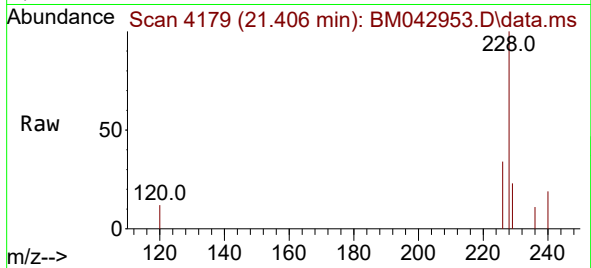
Tgt Ion:202 Resp: 3133
Ion Ratio Lower Upper
202 100
101 14.0 11.2 16.8
100 11.8 10.3 15.5



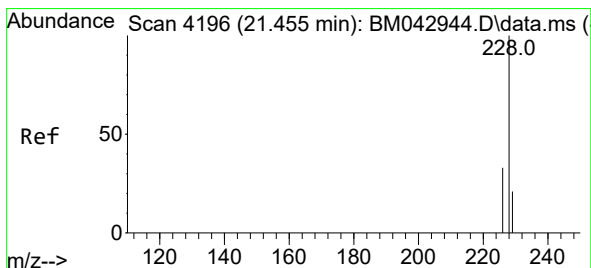
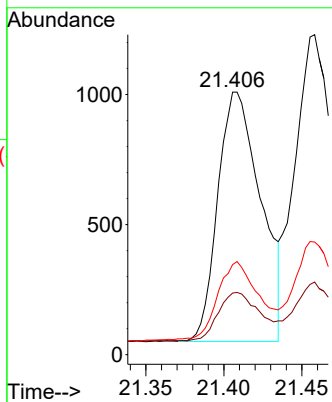
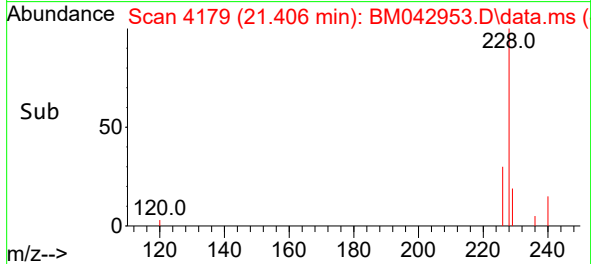


#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.406 min Scan# 4179
Delta R.T. 0.005 min
Lab File: BM042953.D
Acq: 22 Nov 2023 15:40

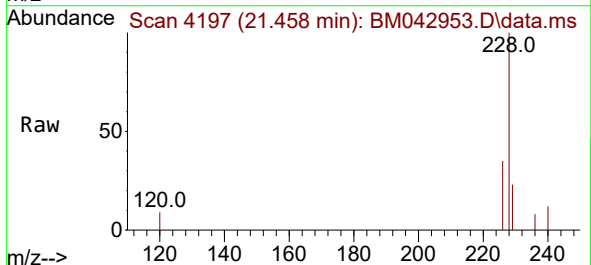
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BNA_M
ClientSampleId :
SSTD0.4131



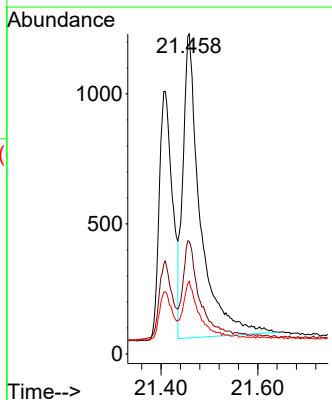
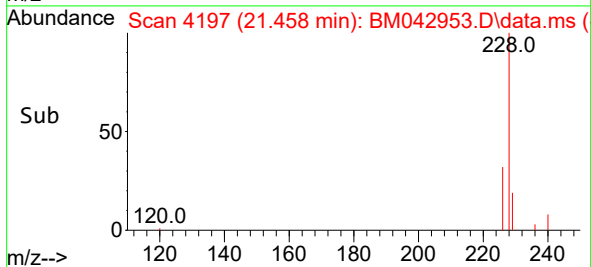
Tgt Ion:	228	Resp:	1835
Ion Ratio	Lower	Upper	
228	100		
229	23.5	18.6	28.0
226	34.3	26.2	39.2

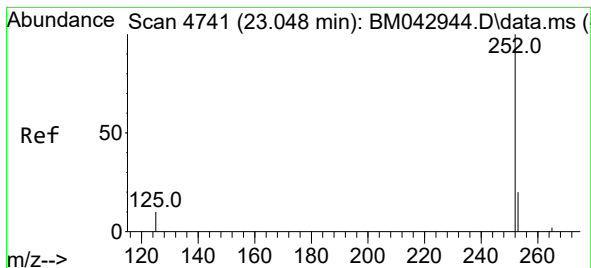


#22
Chrysene
Concen: 0.420 ng/ul
RT: 21.458 min Scan# 4197
Delta R.T. 0.008 min
Lab File: BM042953.D
Acq: 22 Nov 2023 15:40



Tgt Ion:	228	Resp:	2918
Ion Ratio	Lower	Upper	
228	100		
226	35.2	29.2	43.8
229	22.7	19.4	29.2





#24

Benzo(b)fluoranthene

Concen: 0.381 ng/ul

RT: 23.048 min Scan# 4741

Delta R.T. 0.005 min

Lab File: BM042953.D

Acq: 22 Nov 2023 15:40

Instrument :

BNA_M

ClientSampleId :

SSTD0.4131

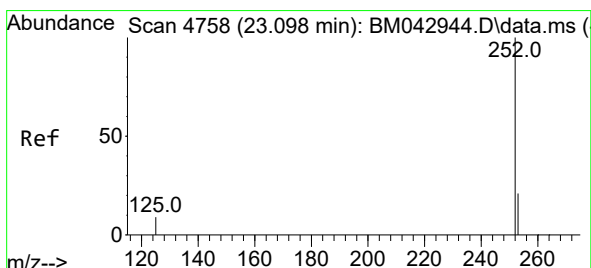
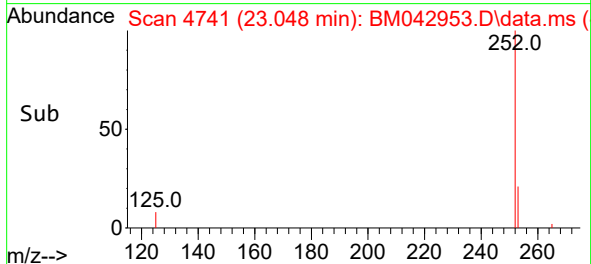
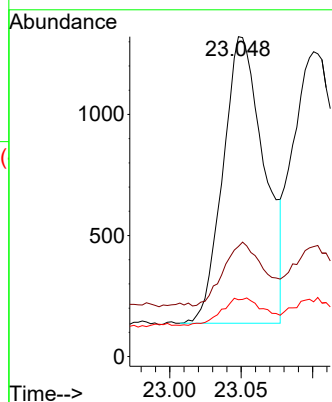
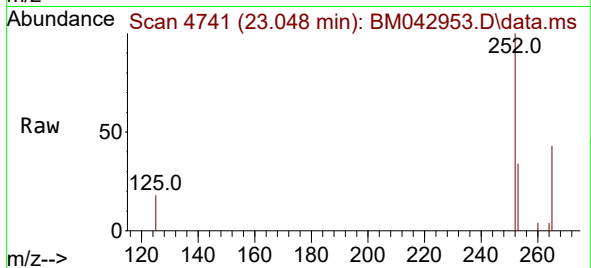
Tgt Ion:252 Resp: 2370

Ion Ratio Lower Upper

252 100

253 34.4 0.0 77.4

125 17.8 0.0 42.0



#25

Benzo(k)fluoranthene

Concen: 0.421 ng/ul

RT: 23.101 min Scan# 4759

Delta R.T. 0.011 min

Lab File: BM042953.D

Acq: 22 Nov 2023 15:40

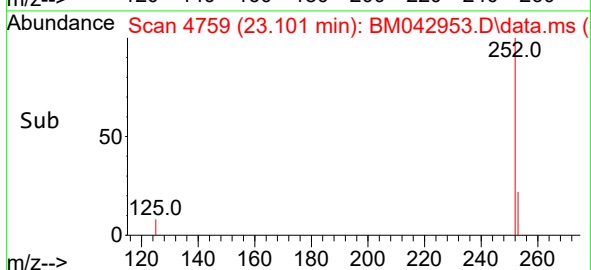
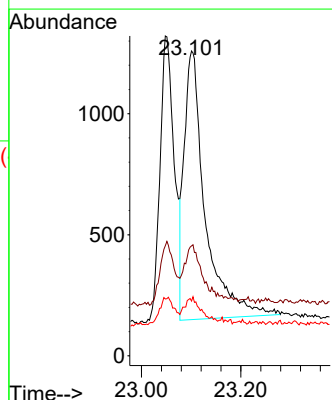
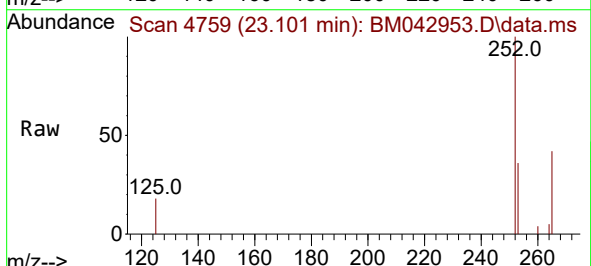
Tgt Ion:252 Resp: 3255

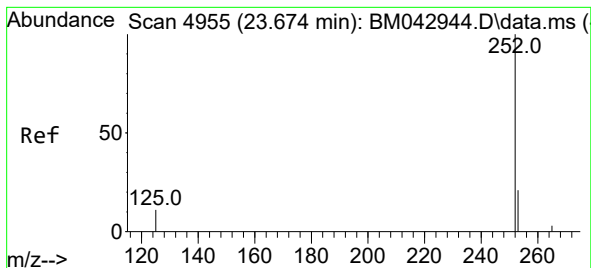
Ion Ratio Lower Upper

252 100

253 36.1 30.5 45.7

125 18.0 17.2 25.8





#26

Benzo(a)pyrene

Concen: 0.404 ng/ul

RT: 23.680 min Scan# 4957

Delta R.T. 0.011 min

Lab File: BM042953.D

Acq: 22 Nov 2023 15:40

Instrument :

BNA_M

ClientSampleId :

SSTD0.4131

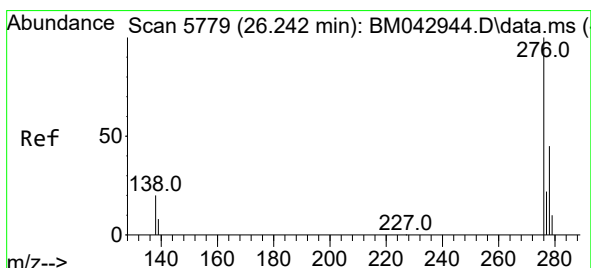
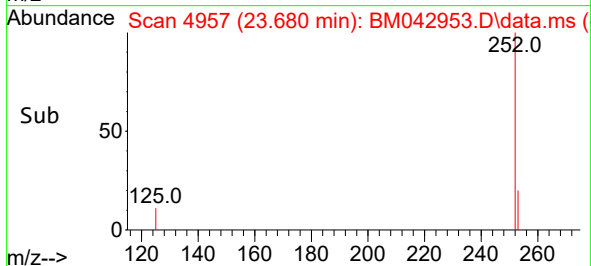
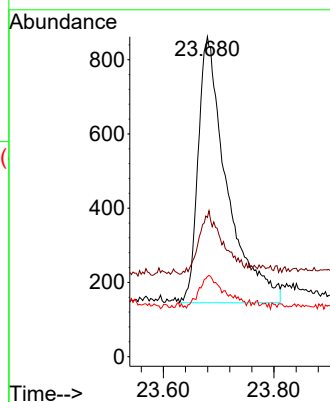
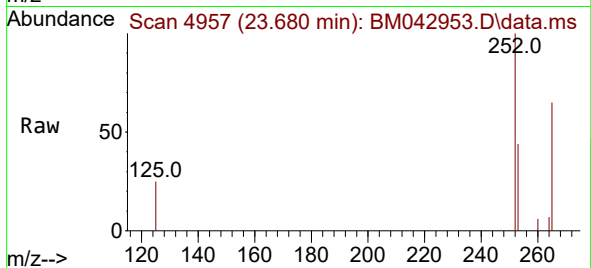
Tgt Ion:252 Resp: 2577

Ion Ratio Lower Upper

252 100

253 43.5 35.1 52.7

125 25.1 21.2 31.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.387 ng/ul

RT: 26.241 min Scan# 5779

Delta R.T. 0.013 min

Lab File: BM042953.D

Acq: 22 Nov 2023 15:40

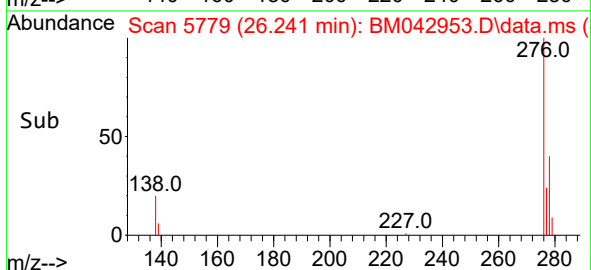
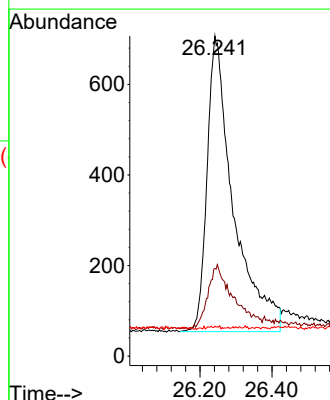
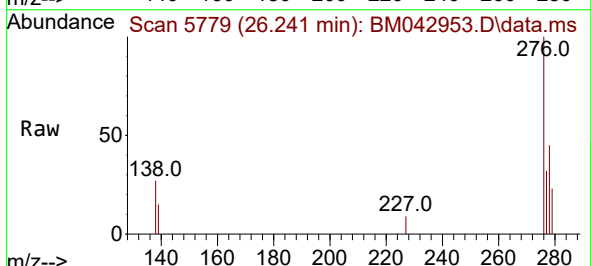
Tgt Ion:276 Resp: 3303

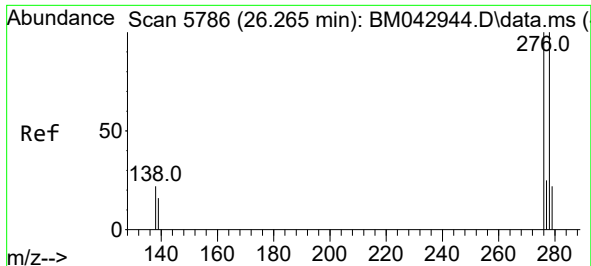
Ion Ratio Lower Upper

276 100

138 20.0 19.5 29.3

227 0.1 0.1 0.1

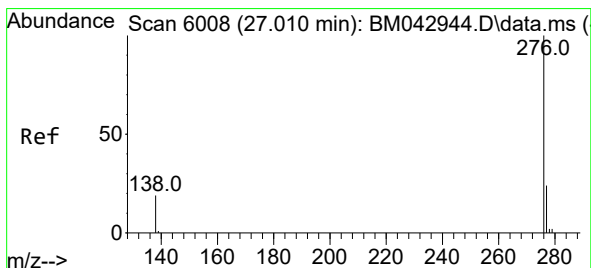
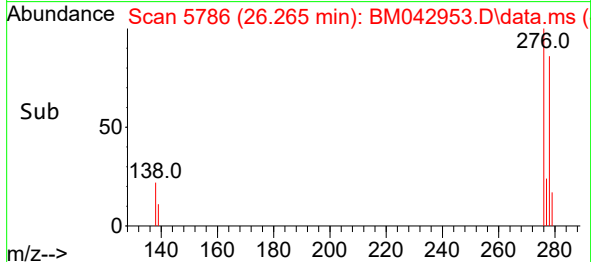
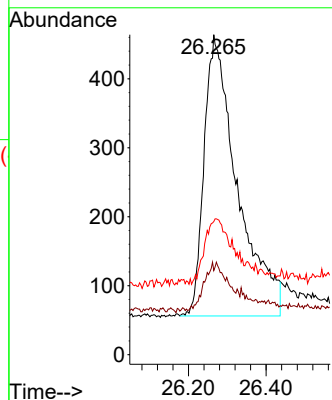
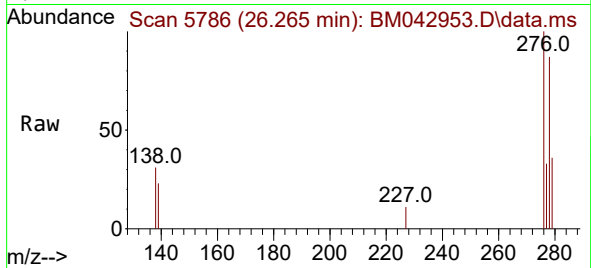




#28
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul
RT: 26.265 min Scan# 5786
Delta R.T. 0.023 min
Lab File: BM042953.D
Acq: 22 Nov 2023 15:40

Instrument :
BNA_M
ClientSampleId :
SSTD0.4131

Tgt Ion:278 Resp: 2422
Ion Ratio Lower Upper
278 100
139 26.3 21.8 32.6
279 41.6 33.4 50.0



#29
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 27.009 min Scan# 6008
Delta R.T. 0.013 min
Lab File: BM042953.D
Acq: 22 Nov 2023 15:40

Tgt Ion:276 Resp: 2958
Ion Ratio Lower Upper
276 100
138 28.4 22.2 33.4
277 32.3 25.9 38.9

