

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
 Data File : BM042944.D
 Acq On : 22 Nov 2023 08:54
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4130

Quant Time: Nov 23 00:10:19 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

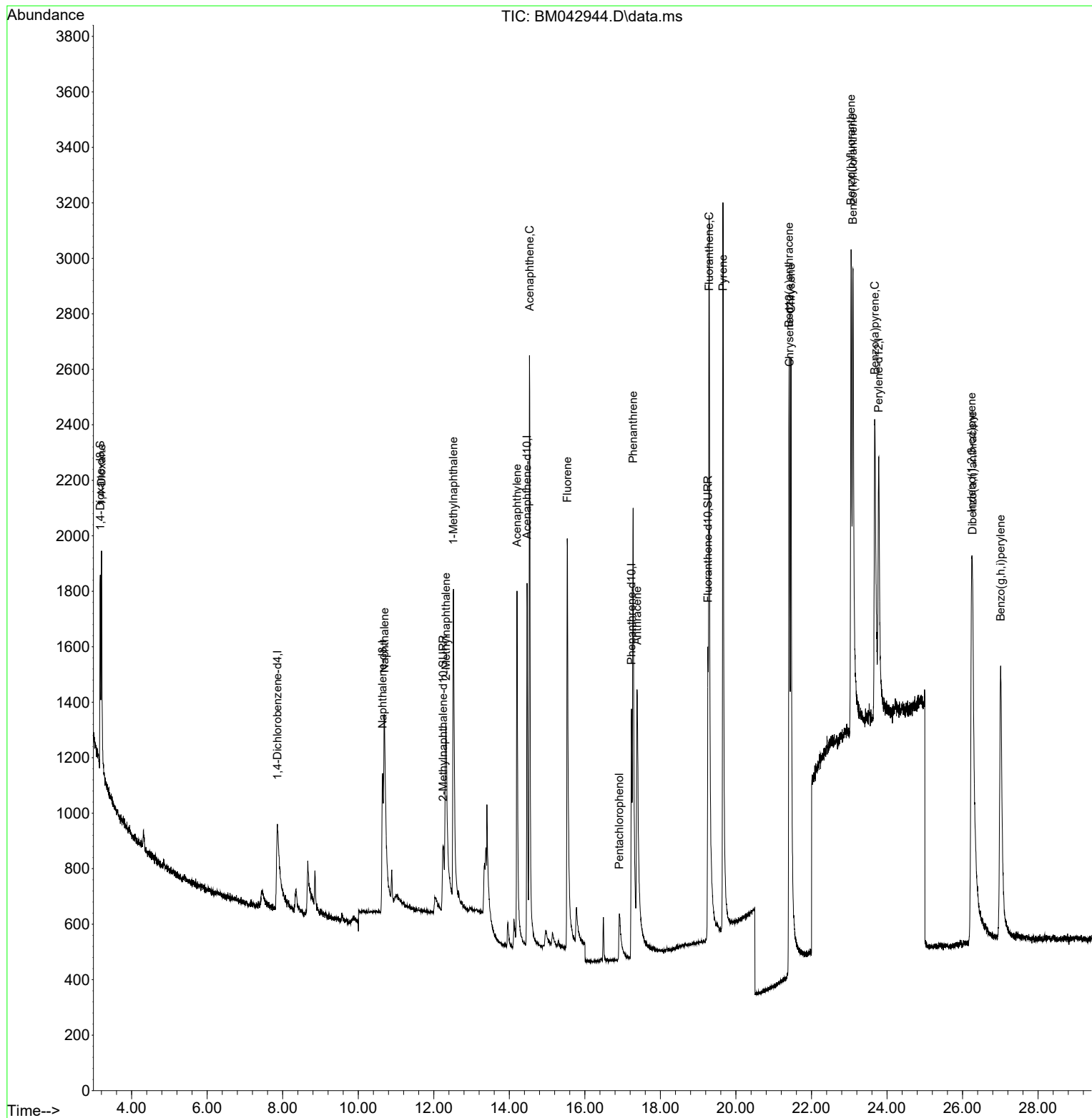
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	592	0.400	ng/ul	0.02
4) Naphthalene-d8	10.645	136	1562	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.470	164	831	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	1831	0.400	ng/ul	0.00
17) Chrysene-d12	21.417	240	1250	0.400	ng/ul	0.00
23) Perylene-d12	23.779	264	1747	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	409	0.440	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	794	0.403	ng/ul	0.01
18) Fluoranthene-d10	19.258	212	1689	0.415	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.202	88	516	0.499	ng/ul#	69
5) Naphthalene	10.695	128	1915	0.389	ng/ul	96
7) 2-Methylnaphthalene	12.322	142	1120	0.389	ng/ul	98
8) 1-Methylnaphthalene	12.520	142	1192	0.394	ng/ul	98
10) Acenaphthylene	14.201	152	2186	0.396	ng/ul	99
11) Acenaphthene	14.534	153	1568	0.405	ng/ul	97
12) Fluorene	15.538	166	1681	0.404	ng/ul	97
14) Pentachlorophenol	16.913	266	311	0.305	ng/ul	94
15) Phenanthrene	17.276	178	2527	0.393	ng/ul	97
16) Anthracene	17.382	178	2616	0.392	ng/ul	97
19) Fluoranthene	19.290	202	3351	0.424	ng/ul	99
20) Pyrene	19.657	202	3565	0.420	ng/ul	99
21) Benzo(a)anthracene	21.406	228	2254	0.385	ng/ul	98
22) Chrysene	21.455	228	3198	0.422	ng/ul	99
24) Benzo(b)fluoranthene	23.048	252	2635	0.375	ng/ul	95
25) Benzo(k)fluoranthene	23.098	252	3618	0.413	ng/ul	96
26) Benzo(a)pyrene	23.674	252	2879	0.399	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.242	276	3531	0.366	ng/ul#	51
28) Dibenzo(a,h)anthracene	26.265	278	2568	0.357	ng/ul	97
29) Benzo(g,h,i)perylene	27.010	276	3080	0.375	ng/ul	99

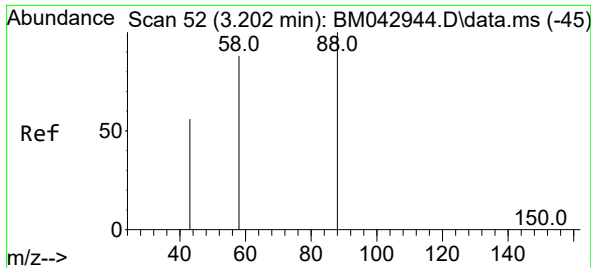
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 00:10:19 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

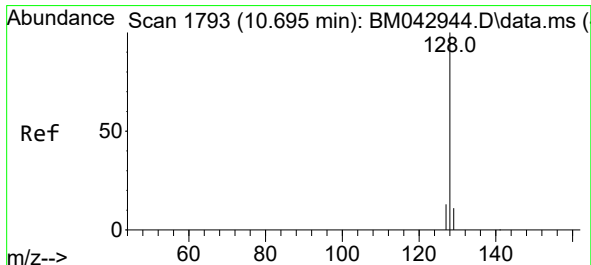
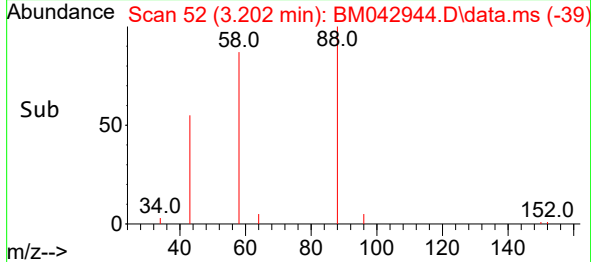
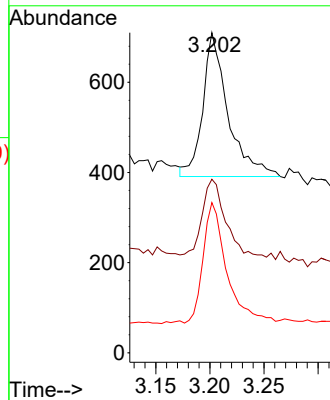
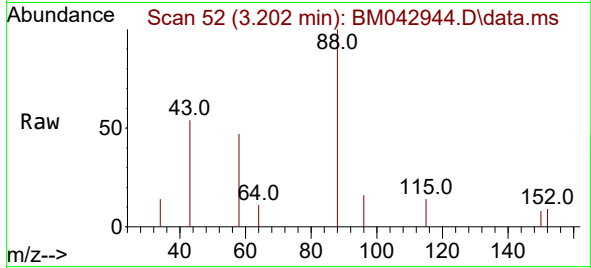




#2
 1,4-Dioxane
 Concen: 0.499 ng/ul
 RT: 3.202 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BM042944.D
 Acq: 22 Nov 2023 08:54

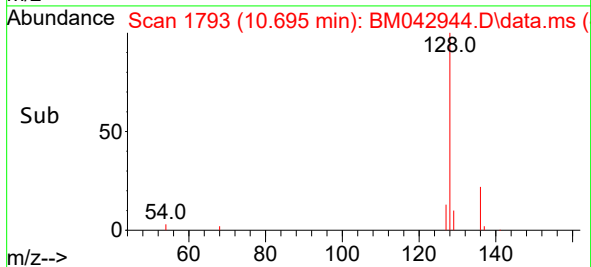
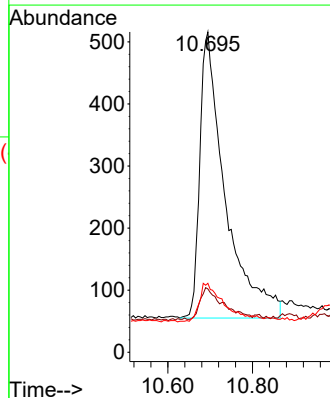
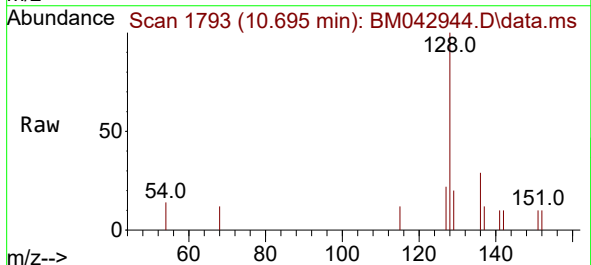
Instrument :
 BNA_M
 ClientSampleId :
 SST0.4130

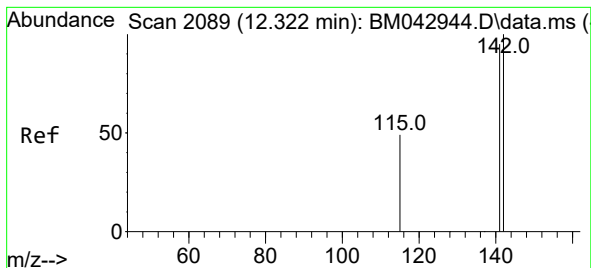
Tgt Ion: 88 Resp: 516
 Ion Ratio Lower Upper
 88 100
 43 54.2 30.5 45.7#
 58 46.9 21.8 32.6#



#5
 Naphthalene
 Concen: 0.389 ng/ul
 RT: 10.695 min Scan# 1793
 Delta R.T. 0.012 min
 Lab File: BM042944.D
 Acq: 22 Nov 2023 08:54

Tgt Ion: 128 Resp: 1915
 Ion Ratio Lower Upper
 128 100
 129 19.8 14.2 21.4
 127 21.5 15.8 23.6

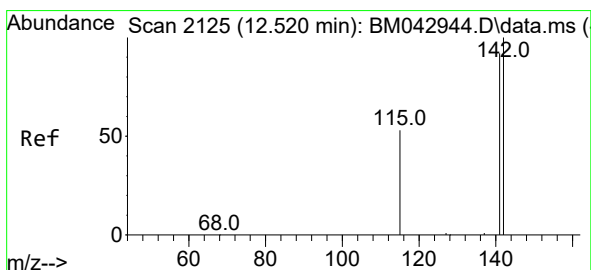
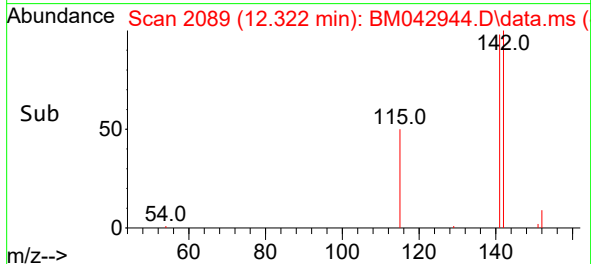
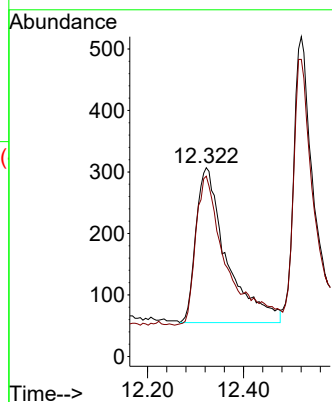
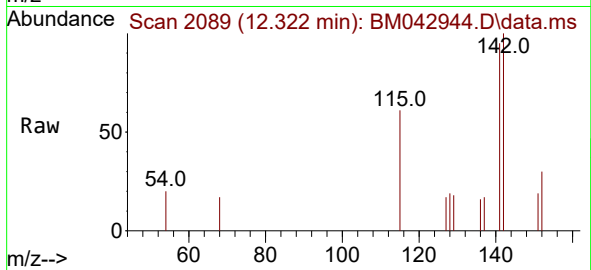




#7
2-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.322 min Scan# 2089
Delta R.T. 0.012 min
Lab File: BM042944.D
Acq: 22 Nov 2023 08:54

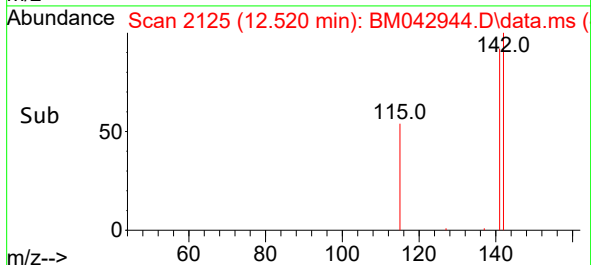
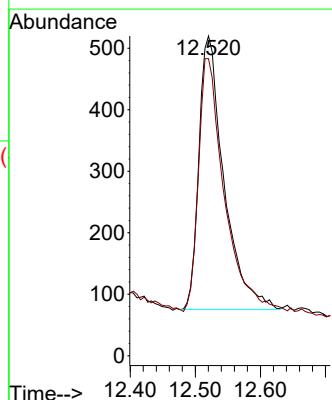
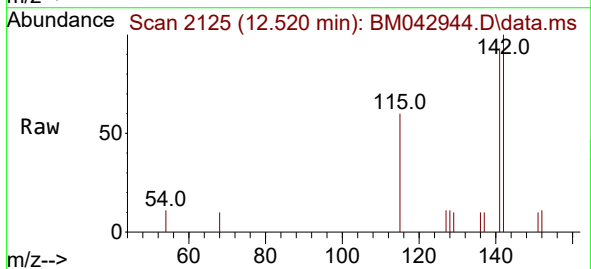
Instrument :
BNA_M
ClientSampleId :
SSTD0.4130

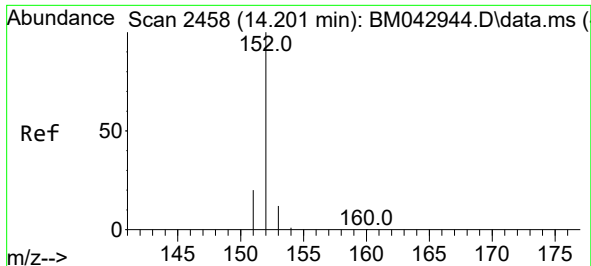
Tgt Ion:142 Resp: 1120
Ion Ratio Lower Upper
142 100
141 98.0 77.2 115.8



#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.520 min Scan# 2125
Delta R.T. 0.001 min
Lab File: BM042944.D
Acq: 22 Nov 2023 08:54

Tgt Ion:142 Resp: 1192
Ion Ratio Lower Upper
142 100
141 95.3 74.6 112.0

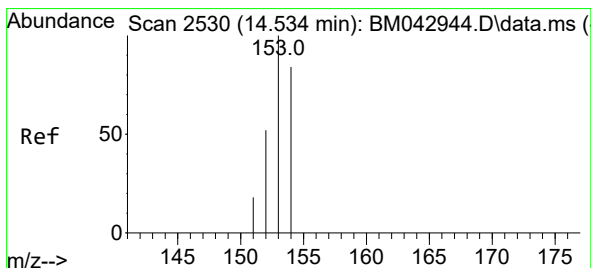
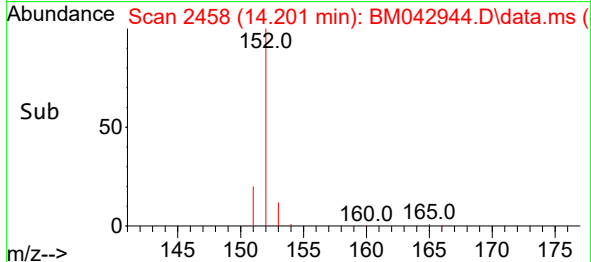
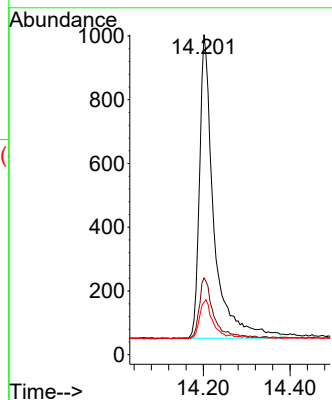
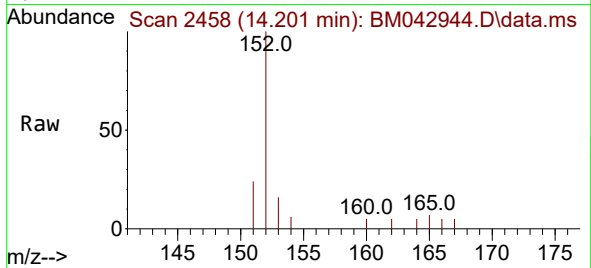




#10
Acenaphthylene
Concen: 0.396 ng/ul
RT: 14.201 min Scan# 2458
Delta R.T. 0.001 min
Lab File: BM042944.D
Acq: 22 Nov 2023 08:54

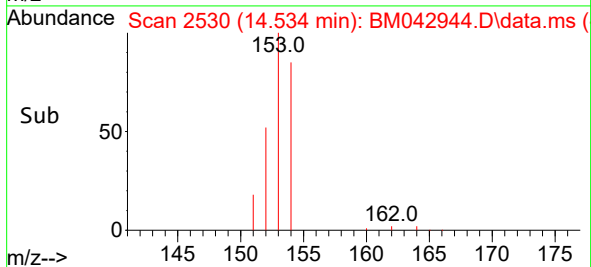
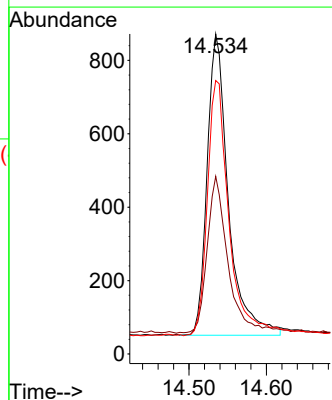
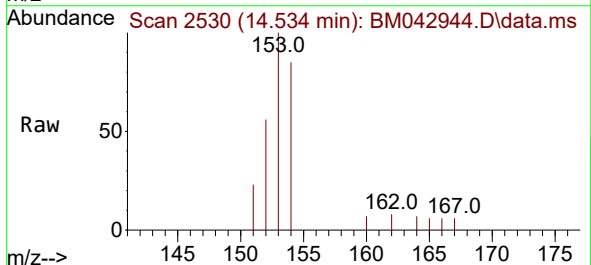
Instrument :
BNA_M
ClientSampleId :
SSTD0.4130

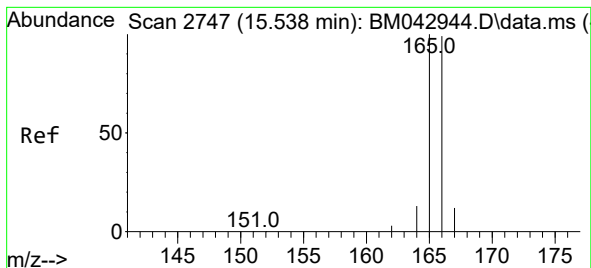
Tgt Ion:152 Resp: 2186
Ion Ratio Lower Upper
152 100
151 24.0 18.5 27.7
153 16.4 12.9 19.3



#11
Acenaphthene
Concen: 0.405 ng/ul
RT: 14.534 min Scan# 2530
Delta R.T. 0.001 min
Lab File: BM042944.D
Acq: 22 Nov 2023 08:54

Tgt Ion:153 Resp: 1568
Ion Ratio Lower Upper
153 100
152 55.5 43.3 64.9
154 85.4 70.6 105.8





#12

Fluorene

Concen: 0.404 ng/ul

RT: 15.538 min Scan# 21

Delta R.T. 0.011 min

Lab File: BM042944.D

Acq: 22 Nov 2023 08:54

Instrument :

BNA_M

ClientSampleId :

SSTD0.4130

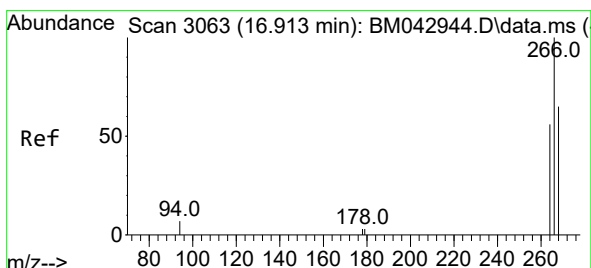
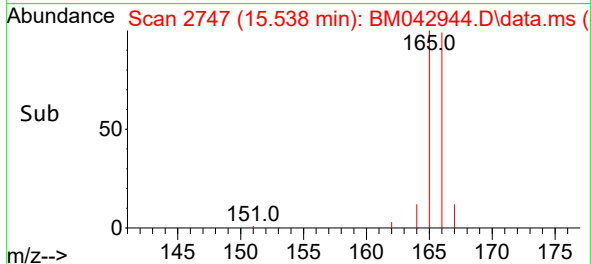
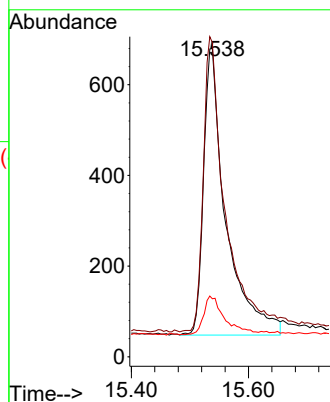
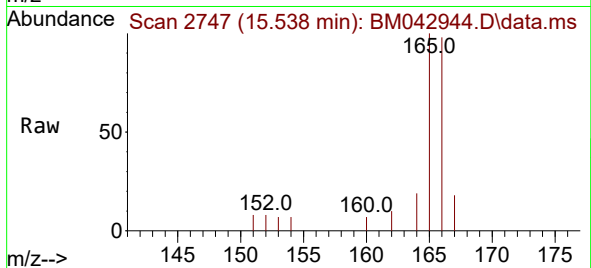
Tgt Ion:166 Resp: 1681

Ion Ratio Lower Upper

166 100

165 101.9 84.3 126.5

167 18.8 15.0 22.6



#14

Pentachlorophenol

Concen: 0.305 ng/ul

RT: 16.913 min Scan# 3063

Delta R.T. 0.022 min

Lab File: BM042944.D

Acq: 22 Nov 2023 08:54

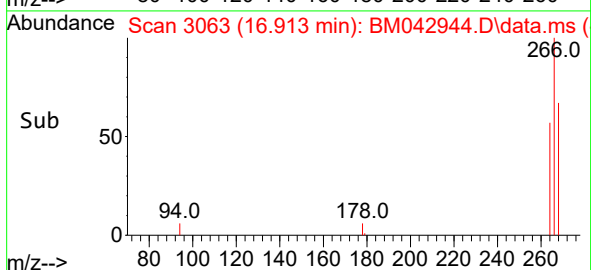
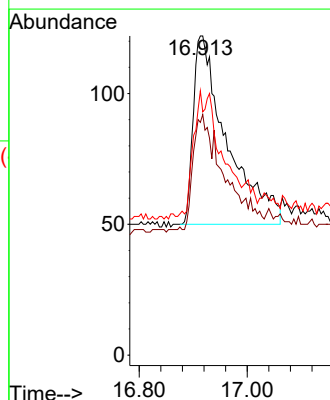
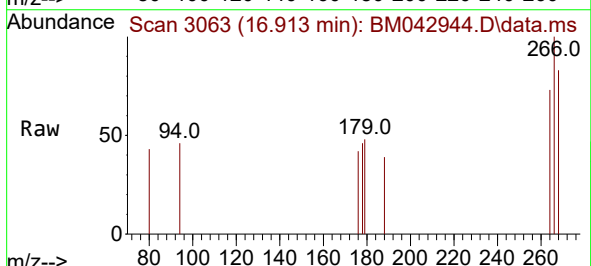
Tgt Ion:266 Resp: 311

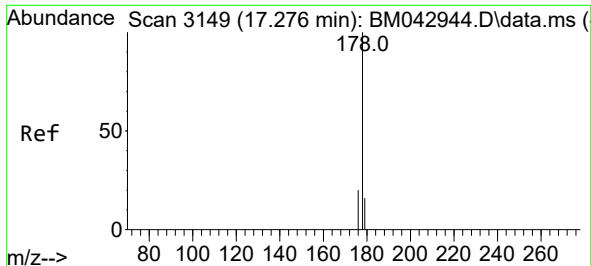
Ion Ratio Lower Upper

266 100

264 56.9 52.2 78.2

268 60.1 48.0 72.0

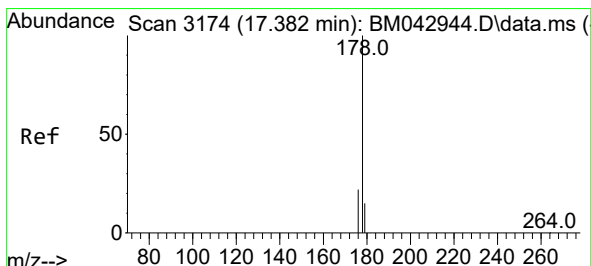
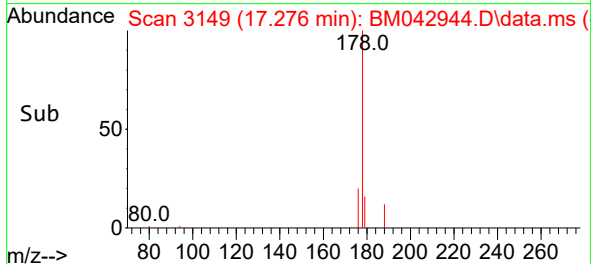
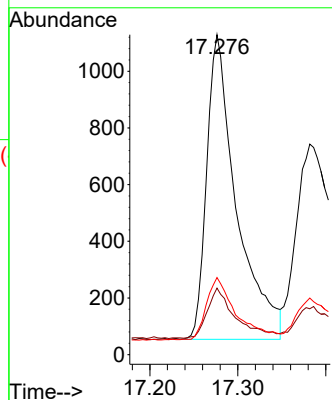
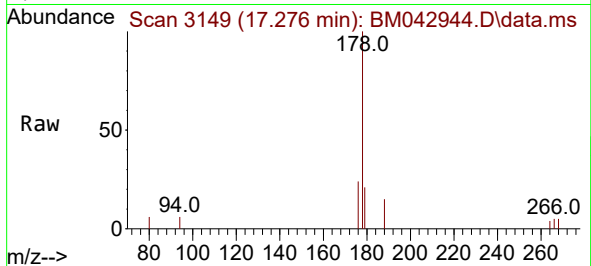




#15
Phenanthrene
Concen: 0.393 ng/ul
RT: 17.276 min Scan# 3149
Delta R.T. 0.006 min
Lab File: BM042944.D
Acq: 22 Nov 2023 08:54

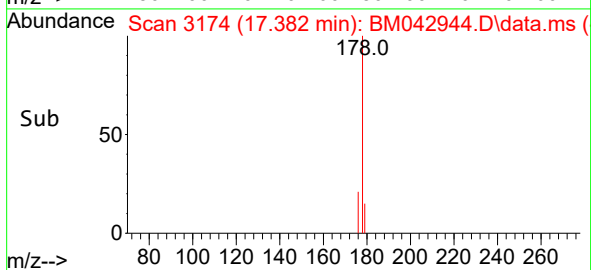
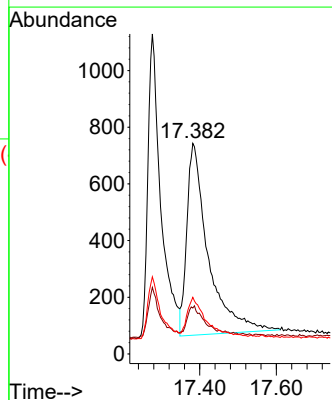
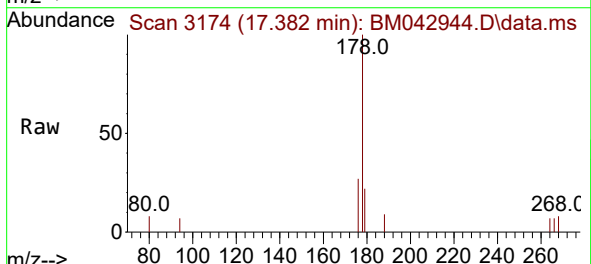
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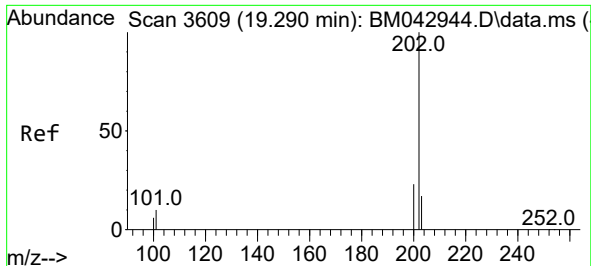
Tgt Ion:178 Resp: 2527
Ion Ratio Lower Upper
178 100
179 20.8 14.9 22.3
176 24.1 18.6 27.8



#16
Anthracene
Concen: 0.392 ng/ul
RT: 17.382 min Scan# 3174
Delta R.T. 0.010 min
Lab File: BM042944.D
Acq: 22 Nov 2023 08:54

Tgt Ion:178 Resp: 2616
Ion Ratio Lower Upper
178 100
179 21.8 16.6 24.8
176 26.9 20.3 30.5

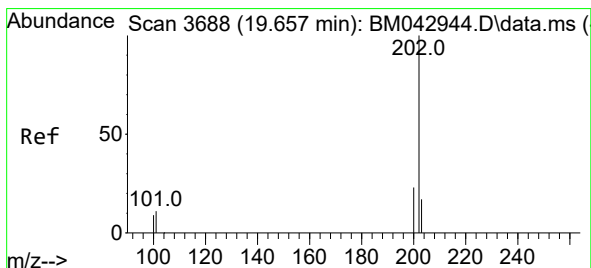
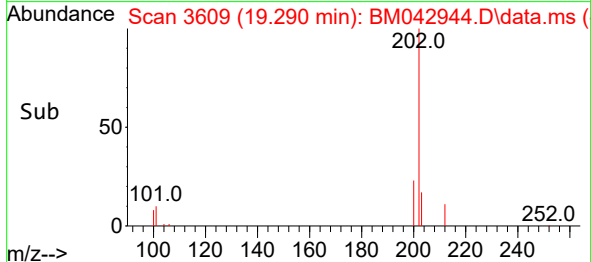
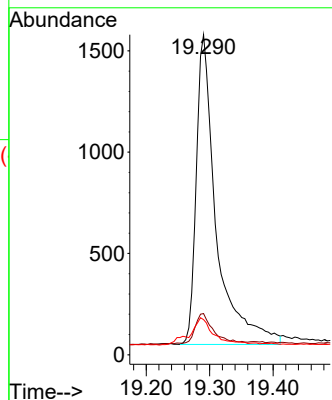
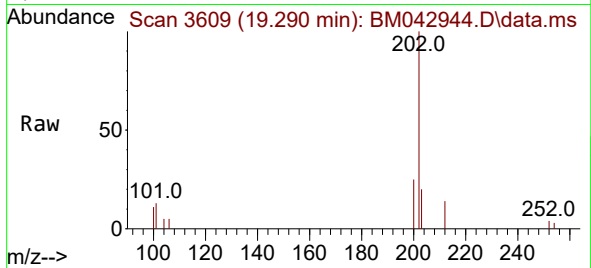




#19
Fluoranthene
Concen: 0.424 ng/ul
RT: 19.290 min Scan# 3609
Delta R.T. 0.006 min
Lab File: BM042944.D
Acq: 22 Nov 2023 08:54

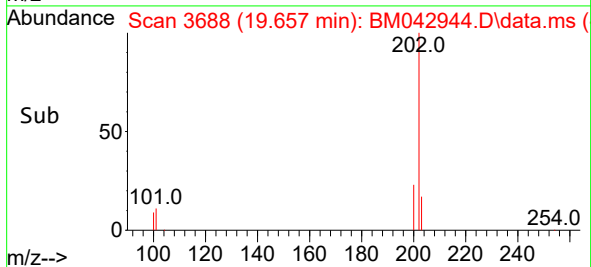
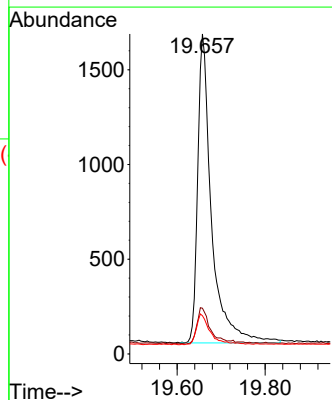
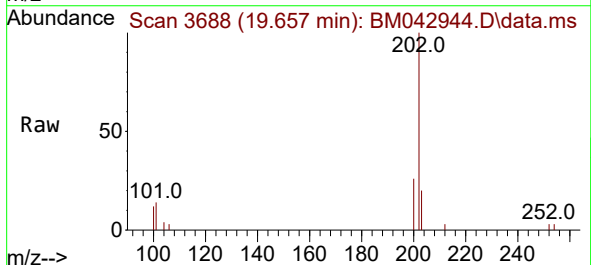
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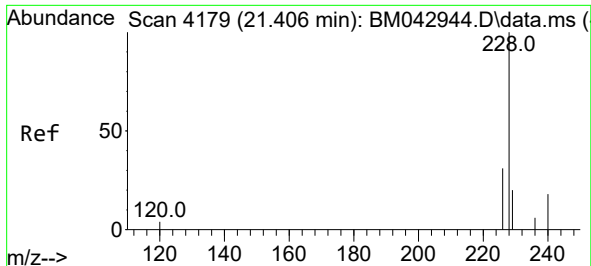
Tgt Ion:202 Resp: 3351
Ion Ratio Lower Upper
202 100
101 12.8 10.2 15.4
100 10.9 8.2 12.2



#20
Pyrene
Concen: 0.420 ng/ul
RT: 19.657 min Scan# 3688
Delta R.T. 0.006 min
Lab File: BM042944.D
Acq: 22 Nov 2023 08:54

Tgt Ion:202 Resp: 3565
Ion Ratio Lower Upper
202 100
101 14.3 11.2 16.8
100 12.0 10.3 15.5

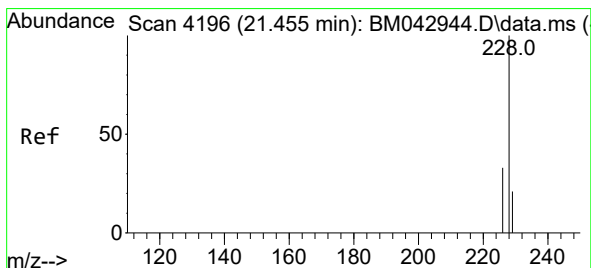
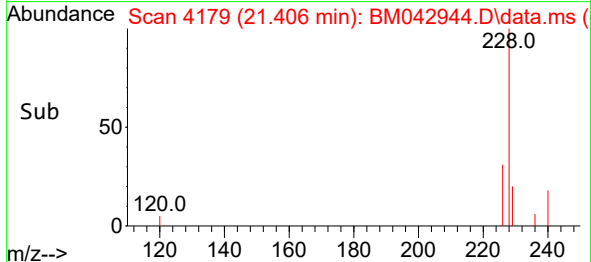
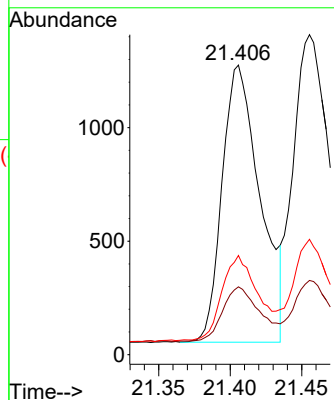
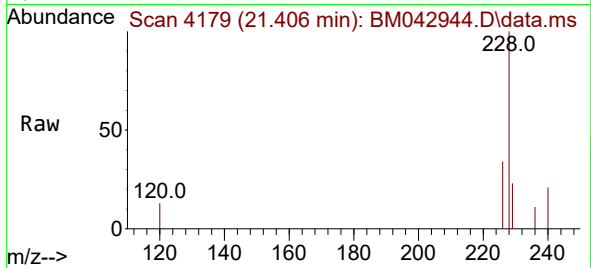




#21
Benzo(a)anthracene
Concen: 0.385 ng/ul
RT: 21.406 min Scan# 4179
Delta R.T. 0.005 min
Lab File: BM042944.D
Acq: 22 Nov 2023 08:54

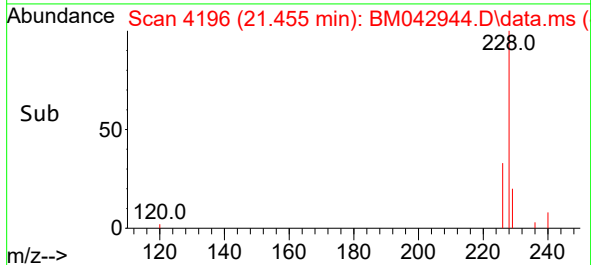
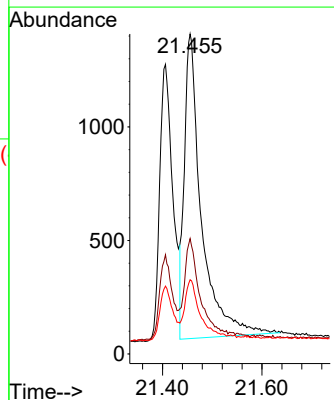
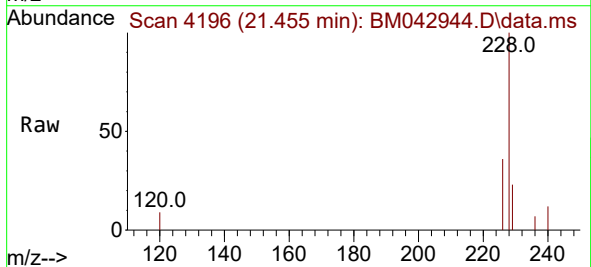
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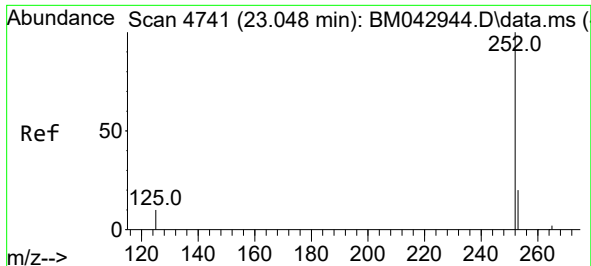
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Ion Ratio Lower Upper
228 100
229 23.5 18.6 28.0
226 34.3 26.2 39.2



#22
Chrysene
Concen: 0.422 ng/ul
RT: 21.455 min Scan# 4196
Delta R.T. 0.005 min
Lab File: BM042944.D
Acq: 22 Nov 2023 08:54

Tgt Ion:228 Resp: 3198
Ion Ratio Lower Upper
228 100
226 36.1 29.2 43.8
229 23.2 19.4 29.2

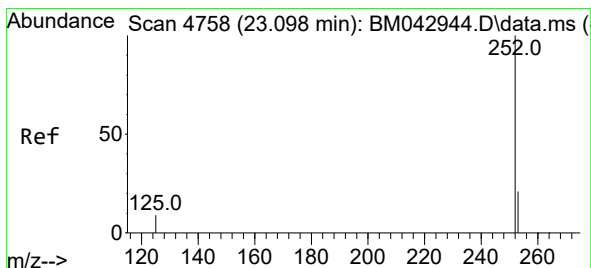
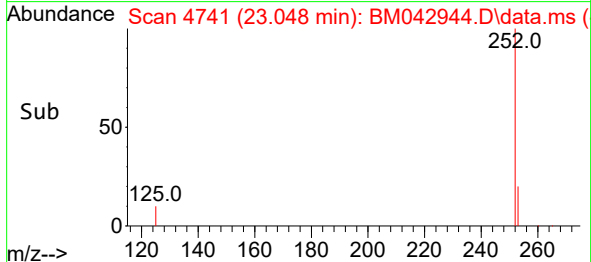
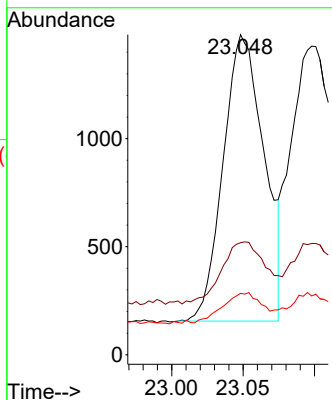
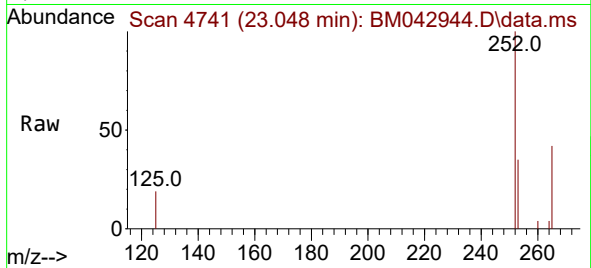




#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 23.048 min Scan# 4741
Delta R.T. 0.005 min
Lab File: BM042944.D
Acq: 22 Nov 2023 08:54

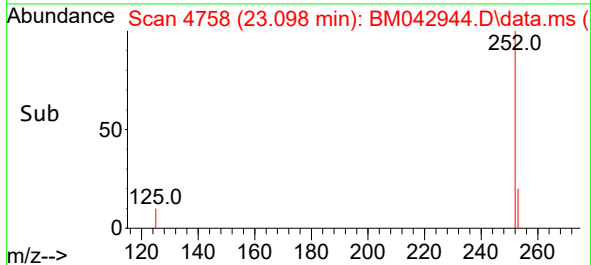
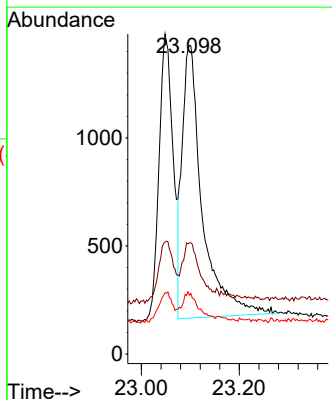
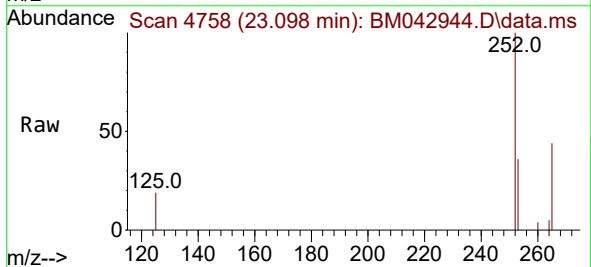
Instrument :
BNA_M
ClientSampleId :
SSTD0.4130

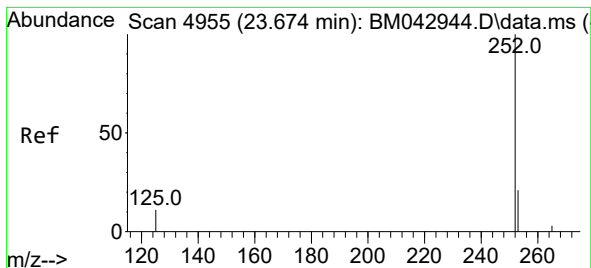
Tgt Ion:252 Resp: 2635
Ion Ratio Lower Upper
252 100
253 35.0 0.0 77.4
125 19.2 0.0 42.0



#25
Benzo(k)fluoranthene
Concen: 0.413 ng/ul
RT: 23.098 min Scan# 4758
Delta R.T. 0.008 min
Lab File: BM042944.D
Acq: 22 Nov 2023 08:54

Tgt Ion:252 Resp: 3618
Ion Ratio Lower Upper
252 100
253 36.1 30.5 45.7
125 19.0 17.2 25.8





#26

Benzo(a)pyrene

Concen: 0.399 ng/ul

RT: 23.674 min Scan# 4955

Delta R.T. 0.005 min

Lab File: BM042944.D

Acq: 22 Nov 2023 08:54

Instrument :

BNA_M

ClientSampleId :

SSTD0.4130

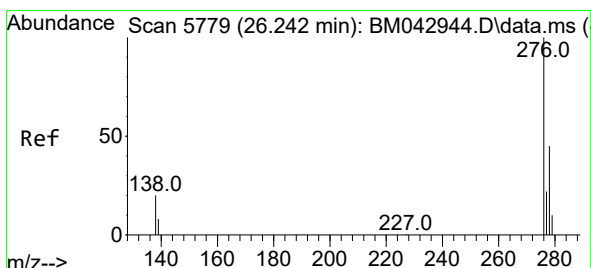
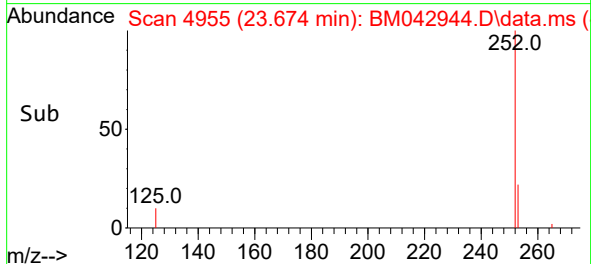
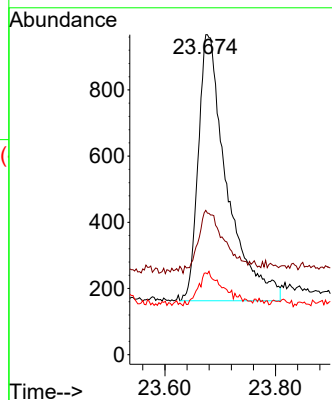
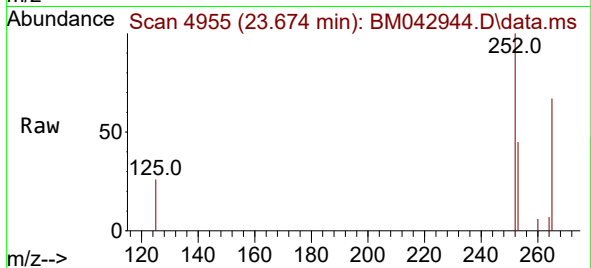
Tgt Ion:252 Resp: 2879

Ion Ratio Lower Upper

252 100

253 45.1 35.1 52.7

125 25.5 21.2 31.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.366 ng/ul

RT: 26.242 min Scan# 5779

Delta R.T. 0.013 min

Lab File: BM042944.D

Acq: 22 Nov 2023 08:54

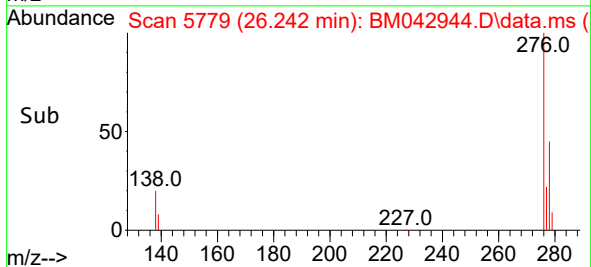
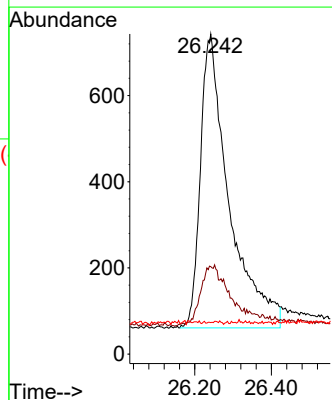
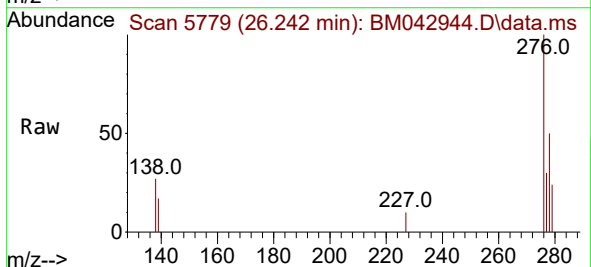
Tgt Ion:276 Resp: 3531

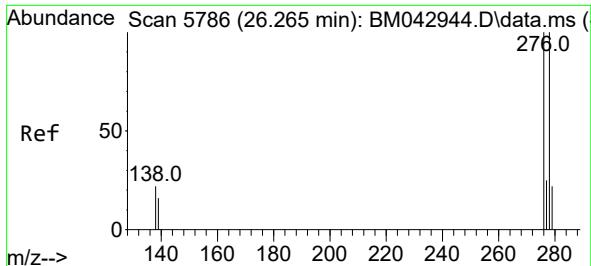
Ion Ratio Lower Upper

276 100

138 0.0 19.5 29.3#

227 0.1 0.1 0.1

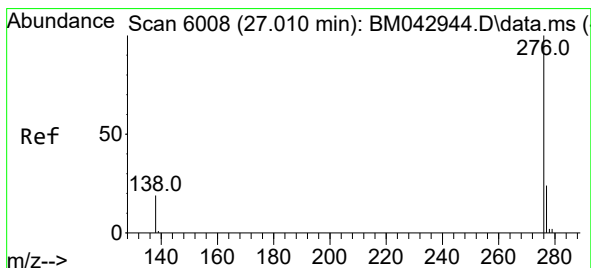
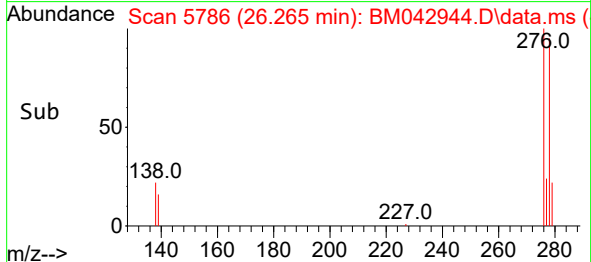
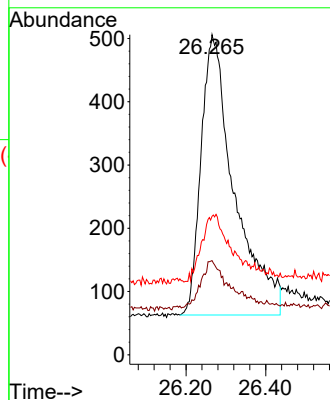
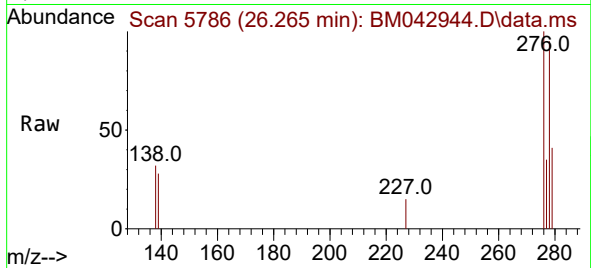




#28
Dibenzo(a,h)anthracene
Concen: 0.357 ng/ul
RT: 26.265 min Scan# 5786
Delta R.T. 0.023 min
Lab File: BM042944.D
Acq: 22 Nov 2023 08:54

Instrument :
BNA_M
ClientSampleId :
SSTD0.4130

Tgt Ion:278 Resp: 2568
Ion Ratio Lower Upper
278 100
139 29.4 21.8 32.6
279 43.3 33.4 50.0



#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 27.010 min Scan# 6008
Delta R.T. 0.013 min
Lab File: BM042944.D
Acq: 22 Nov 2023 08:54

Tgt Ion:276 Resp: 3080
Ion Ratio Lower Upper
276 100
138 27.4 22.2 33.4
277 32.0 25.9 38.9

