

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
 Data File : BM043596.D
 Acq On : 27 Dec 2023 05:34
 Operator : MA/JU
 Sample : PB158032BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS032

Quant Time: Dec 27 06:06:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 22:58:31 2023
 Response via : Initial Calibration

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

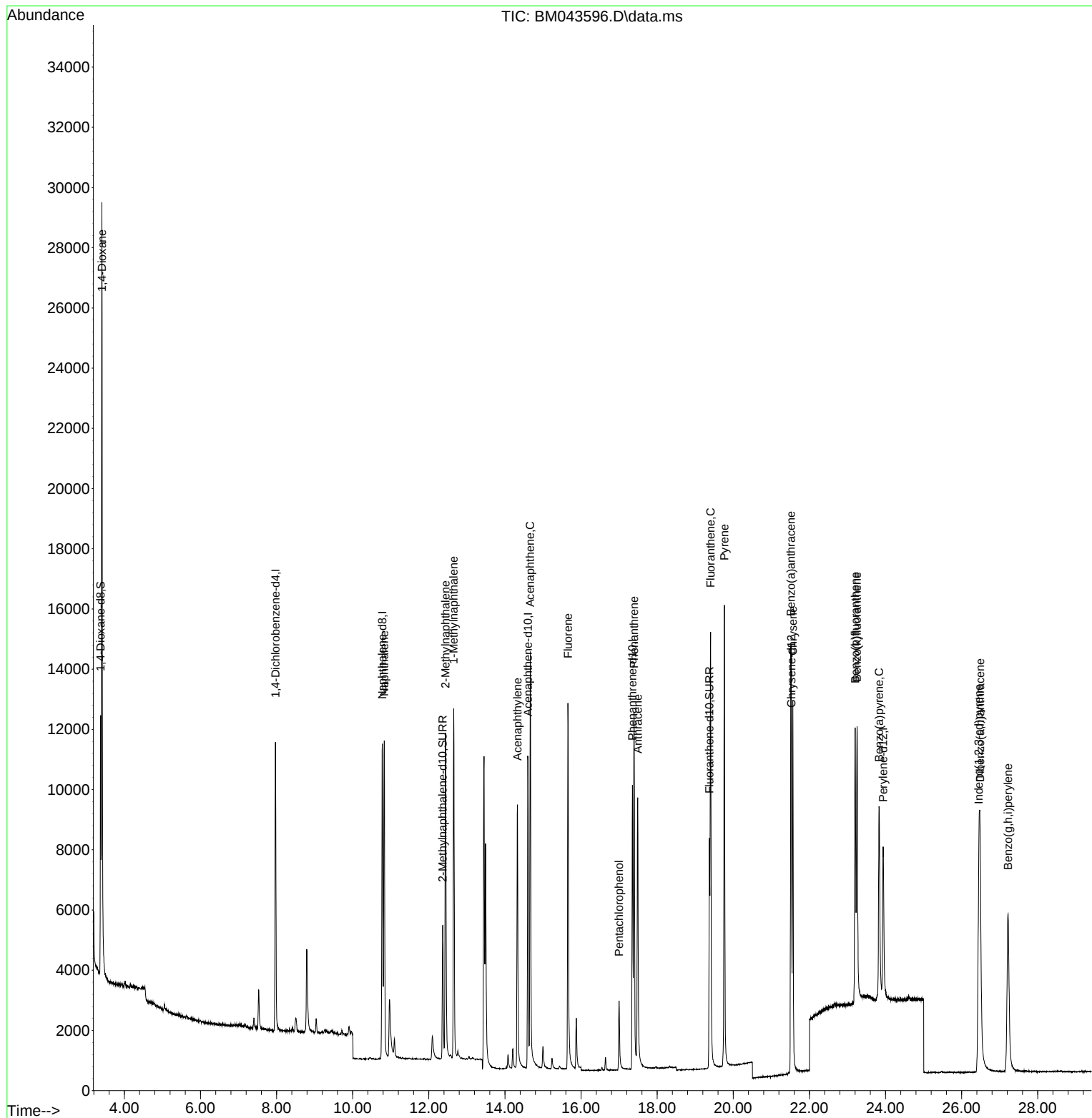
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	5236	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	15328	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	6218	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	11937	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.527	240	7185	0.400	ng/ul	# 0.00
23) Perylene-d12	23.939	264	8223	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	5038	0.762	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	6941	0.320	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	8681	0.338	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	15535	2.341	ng/ul#	82
5) Naphthalene	10.829	128	15622	0.339	ng/ul	99
7) 2-Methylnaphthalene	12.440	142	9062	0.305	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	8681	0.291	ng/ul	100
10) Acenaphthylene	14.328	152	12160	0.355	ng/ul	99
11) Acenaphthene	14.666	153	8876	0.356	ng/ul	98
12) Fluorene	15.656	166	9505	0.337	ng/ul	99
14) Pentachlorophenol	16.999	266	2034	0.769	ng/ul	96
15) Phenanthrene	17.392	178	14079	0.354	ng/ul	99
16) Anthracene	17.489	178	12932	0.358	ng/ul	98
19) Fluoranthene	19.403	202	13684	0.338	ng/ul#	91
20) Pyrene	19.766	202	14000	0.348	ng/ul#	94
21) Benzo(a)anthracene	21.513	228	11073	0.351	ng/ul	98
22) Chrysene	21.562	228	12551	0.377	ng/ul	100
24) Benzo(b)fluoranthene	23.202	252	12686	0.340	ng/ul	90
25) Benzo(k)fluoranthene	23.252	252	13863	0.358	ng/ul#	87
26) Benzo(a)pyrene	23.830	252	11754	0.382	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.451	276	15394	0.439	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.485	278	12394	0.446	ng/ul#	93
29) Benzo(g,h,i)perylene	27.219	276	13341	0.446	ng/ul	95

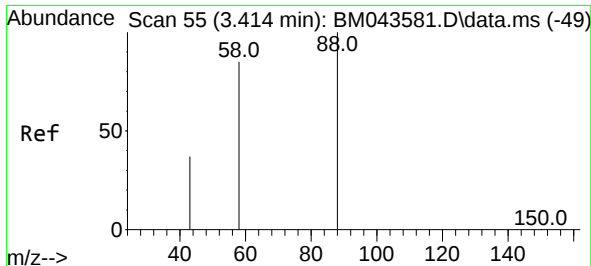
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

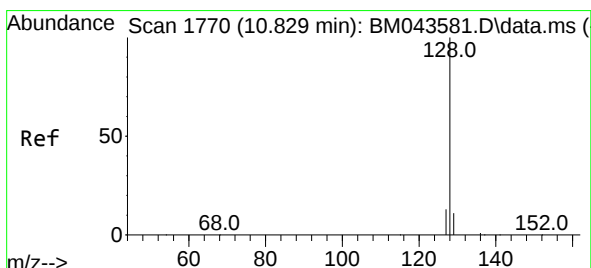
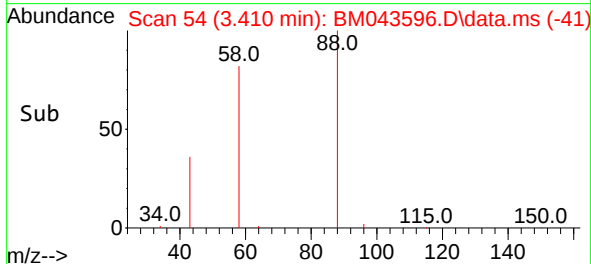
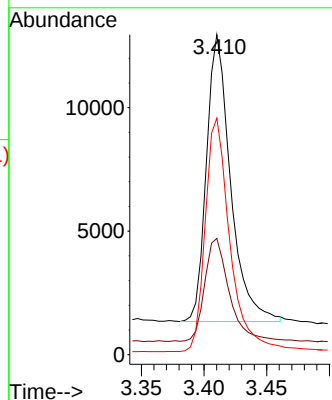
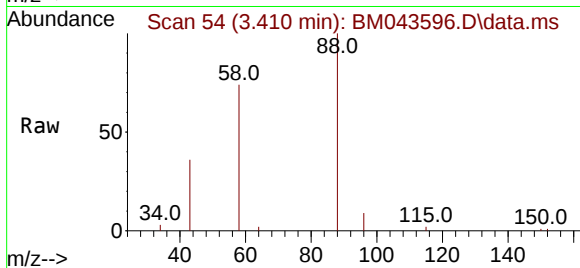




#2
1,4-Dioxane
Concen: 2.341 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. -0.004 min
Lab File: BM043596.D
Acq: 27 Dec 2023 05:34

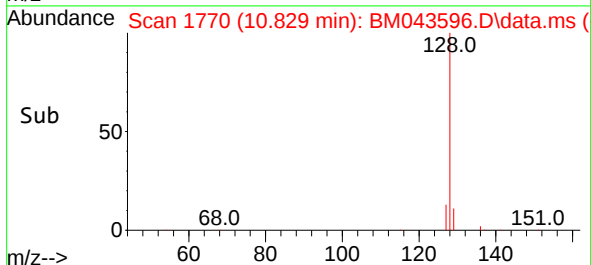
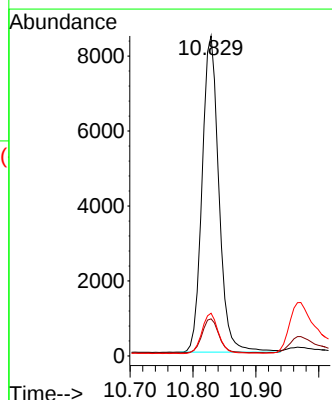
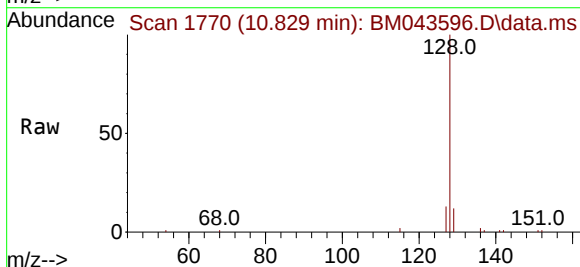
Instrument :
BNA_M
ClientSampleId :
SLCS032

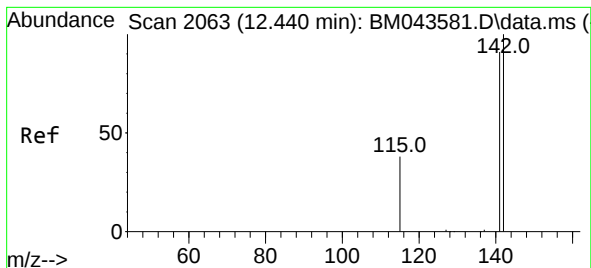
Tgt Ion: 88 Resp: 15535
Ion Ratio Lower Upper
88 100
43 36.3 27.9 41.9
58 73.9 43.4 65.2#



#5
Naphthalene
Concen: 0.339 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BM043596.D
Acq: 27 Dec 2023 05:34

Tgt Ion: 128 Resp: 15622
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.4 10.3 15.5

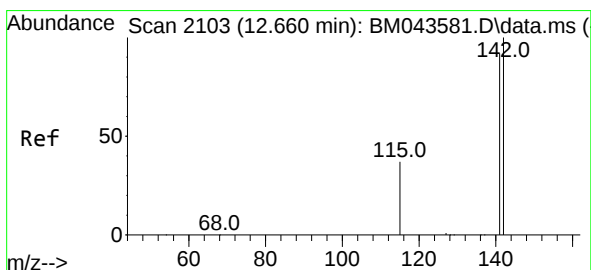
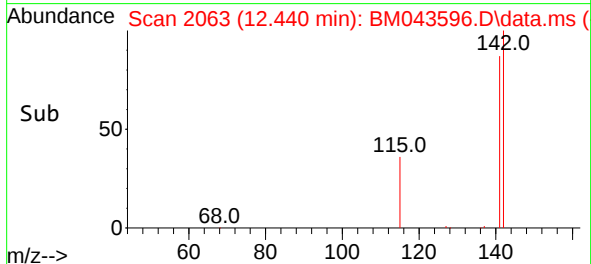
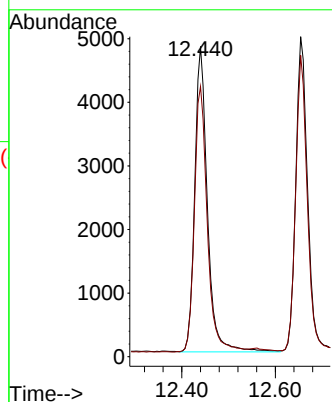
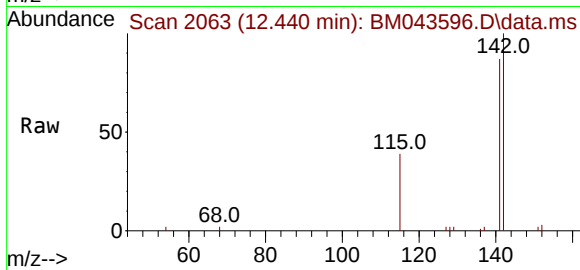




#7
2-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BM043596.D
Acq: 27 Dec 2023 05:34

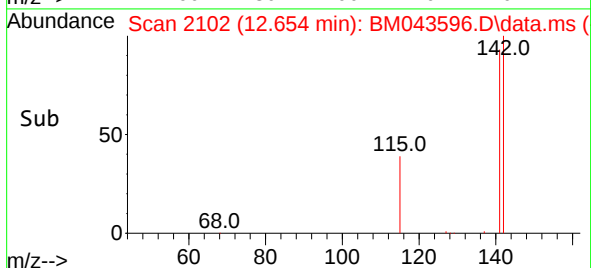
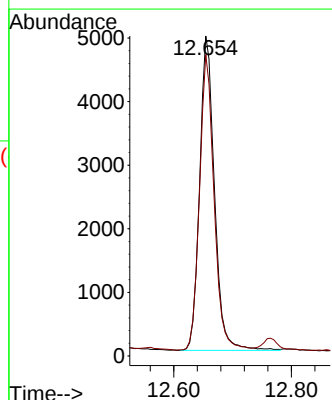
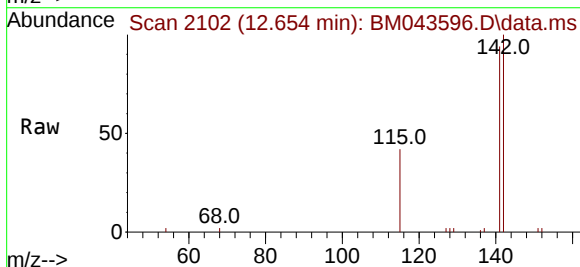
Instrument :
BNA_M
ClientSampleId :
SLCS032

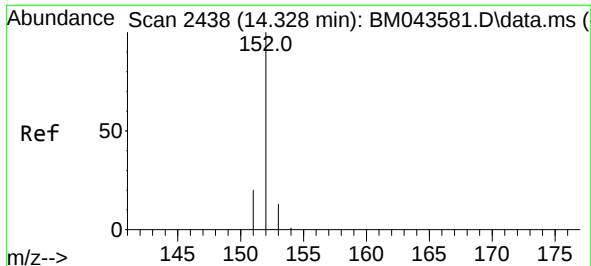
Tgt Ion:142 Resp: 9062
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BM043596.D
Acq: 27 Dec 2023 05:34

Tgt Ion:142 Resp: 8681
Ion Ratio Lower Upper
142 100
141 91.9 73.7 110.5

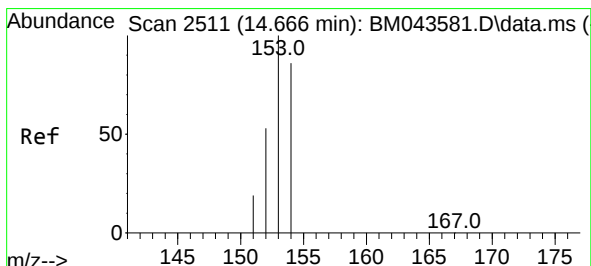
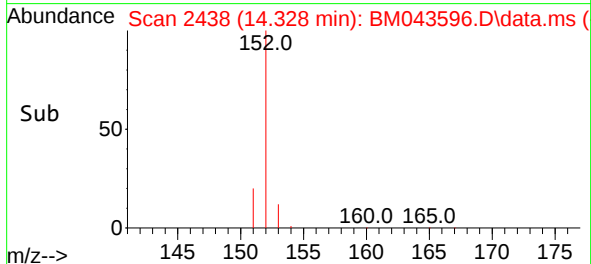
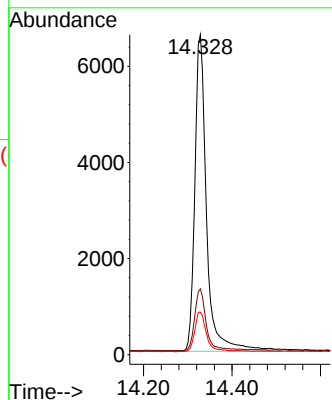
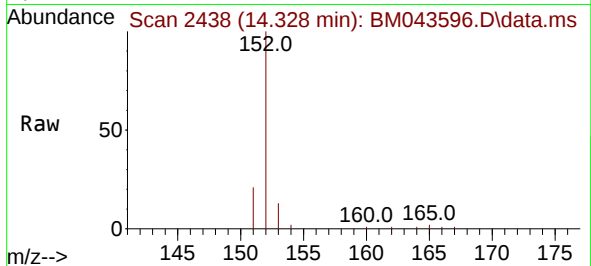




#10
Acenaphthylene
Concen: 0.355 ng/ul
RT: 14.328 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BM043596.D
Acq: 27 Dec 2023 05:34

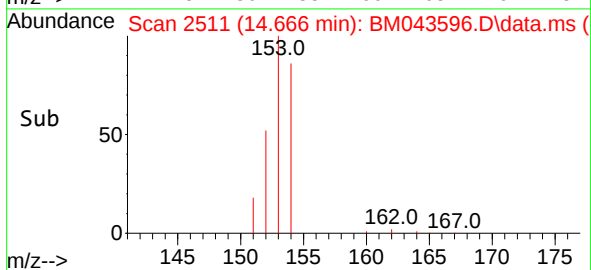
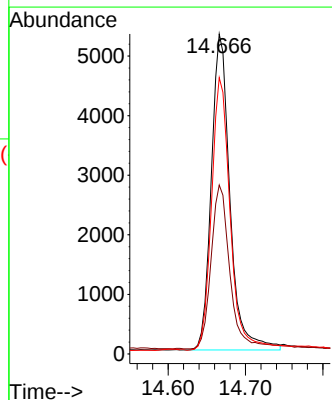
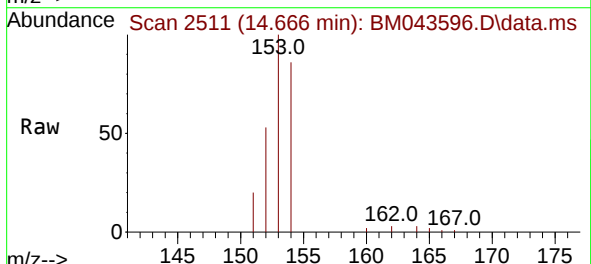
Instrument :
BNA_M
ClientSampleId :
SLCS032

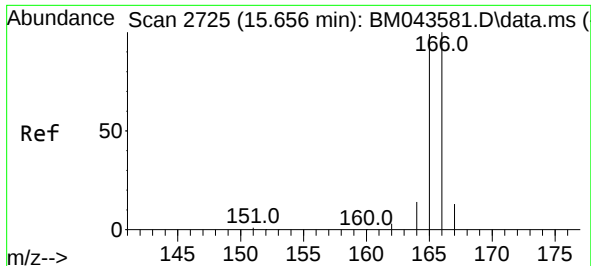
Tgt Ion:152 Resp: 12160
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 13.3 10.4 15.6



#11
Acenaphthene
Concen: 0.356 ng/ul
RT: 14.666 min Scan# 2511
Delta R.T. 0.000 min
Lab File: BM043596.D
Acq: 27 Dec 2023 05:34

Tgt Ion:153 Resp: 8876
Ion Ratio Lower Upper
153 100
152 52.8 42.1 63.1
154 86.4 71.3 106.9

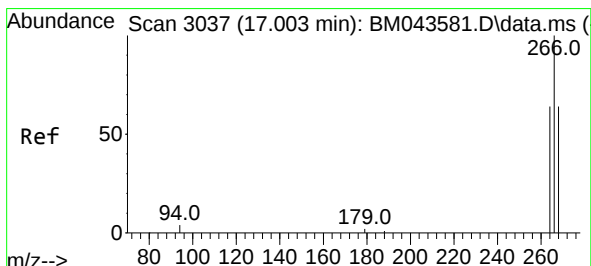
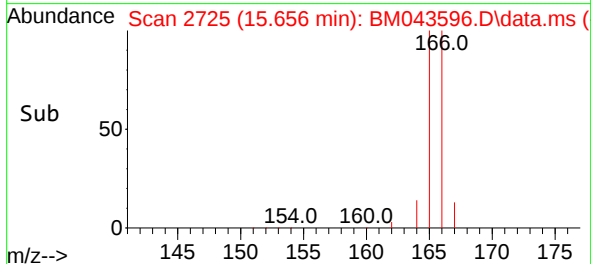
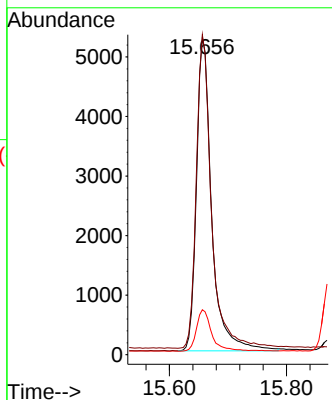
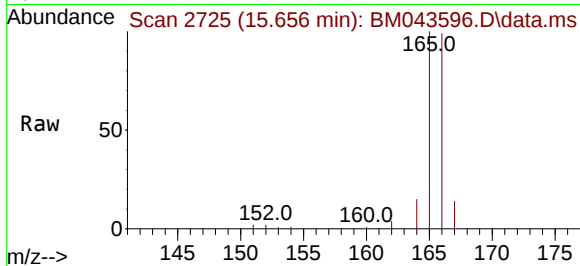




#12
 Fluorene
 Concen: 0.337 ng/ul
 RT: 15.656 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM043596.D
 Acq: 27 Dec 2023 05:34

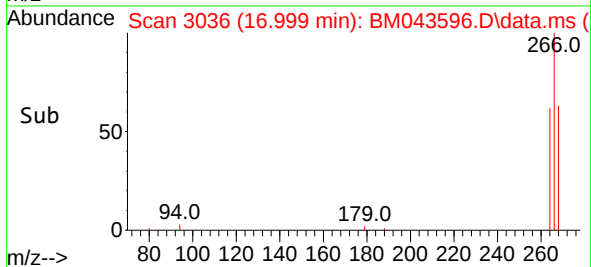
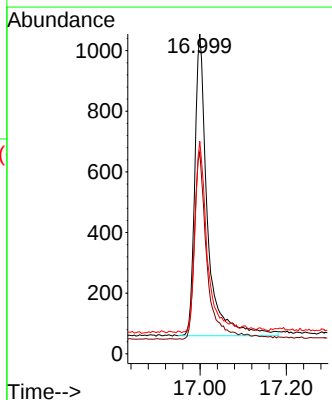
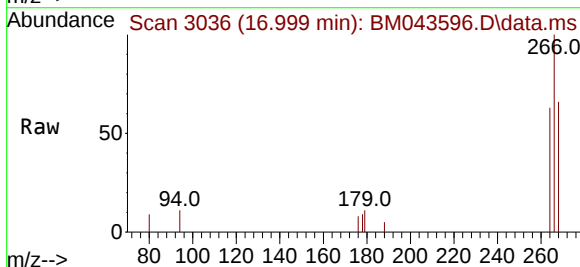
Instrument :
 BNA_M
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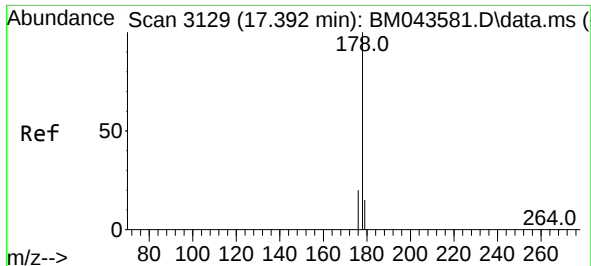
Tgt Ion:	166	Resp:	9505
Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.3	120.5
167	14.2	10.8	16.2



#14
 Pentachlorophenol
 Concen: 0.769 ng/ul
 RT: 16.999 min Scan# 3036
 Delta R.T. -0.004 min
 Lab File: BM043596.D
 Acq: 27 Dec 2023 05:34

Tgt Ion:	266	Resp:	2034
Ion	Ratio	Lower	Upper
266	100		
264	62.5	51.7	77.5
268	61.4	51.9	77.9

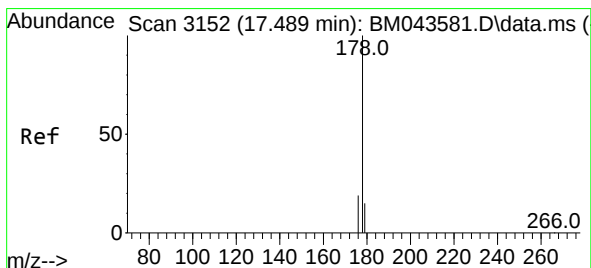
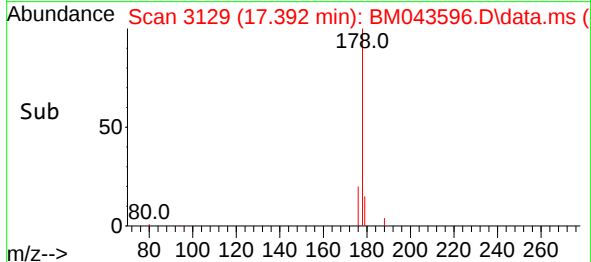
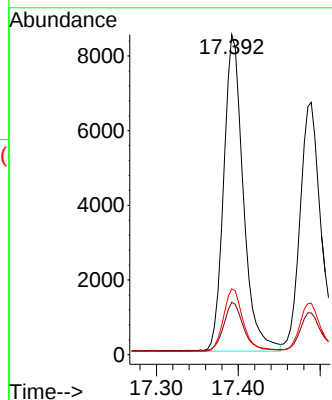
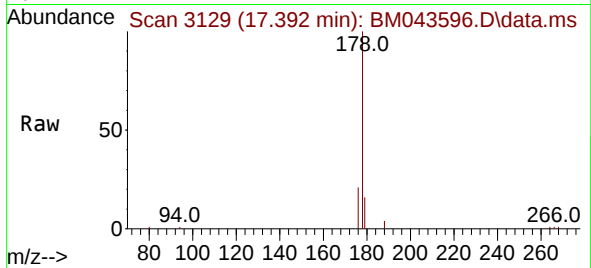




#15
Phenanthrene
Concen: 0.354 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BM043596.D
Acq: 27 Dec 2023 05:34

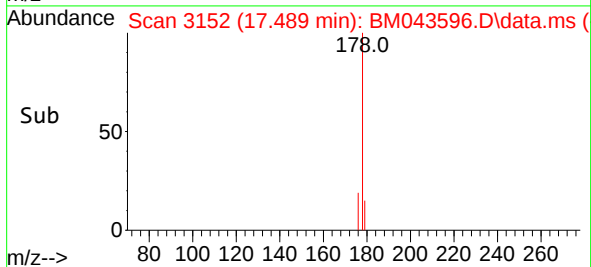
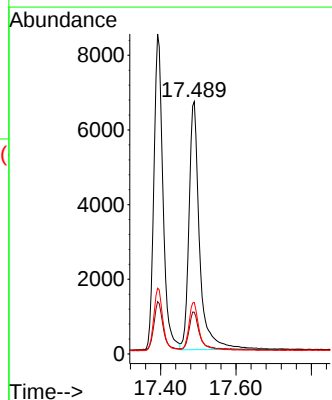
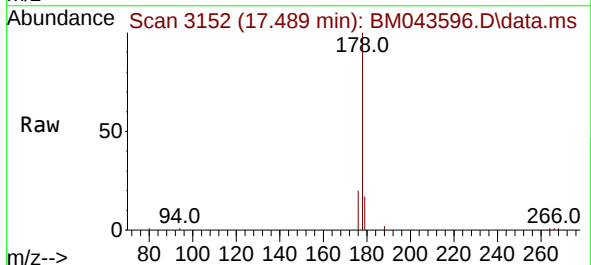
Instrument :
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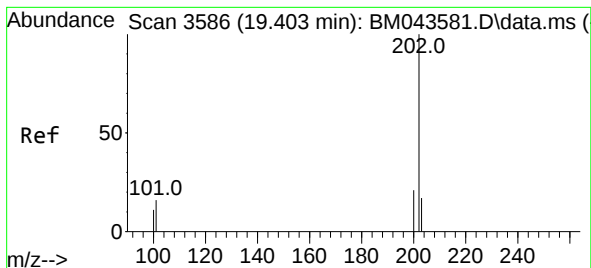
Tgt Ion:178	Resp:	14079
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.4 18.6
176	20.6	16.2 24.2



#16
Anthracene
Concen: 0.358 ng/ul
RT: 17.489 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BM043596.D
Acq: 27 Dec 2023 05:34

Tgt Ion:178	Resp:	12932
Ion Ratio	Lower	Upper
178	100	
179	16.6	12.6 18.8
176	20.4	15.6 23.4





#19

Fluoranthene

Concen: 0.338 ng/ul

RT: 19.403 min Scan# 3586

Delta R.T. 0.000 min

Lab File: BM043596.D

Acq: 27 Dec 2023 05:34

Instrument :

BNA_M

ClientSampleId :

SLCS032

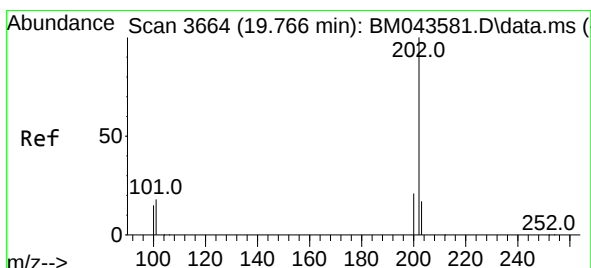
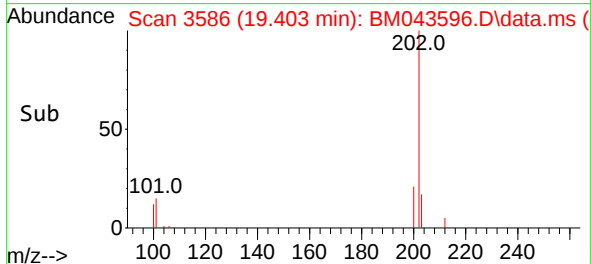
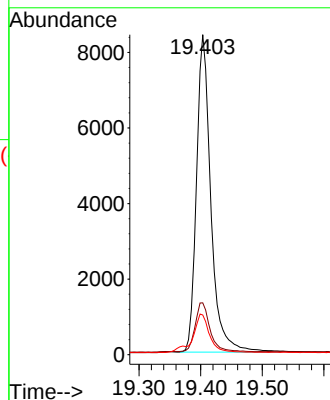
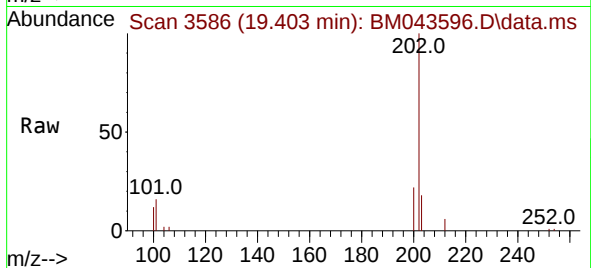
Tgt Ion:202 Resp: 13684

Ion Ratio Lower Upper

202 100

101 16.2 10.1 15.1#

100 12.4 7.4 11.2#



#20

Pyrene

Concen: 0.348 ng/ul

RT: 19.766 min Scan# 3664

Delta R.T. 0.000 min

Lab File: BM043596.D

Acq: 27 Dec 2023 05:34

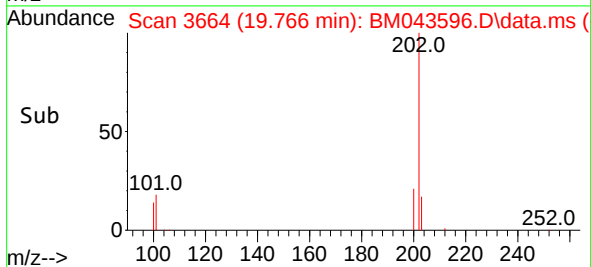
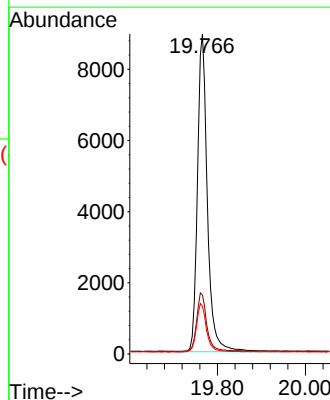
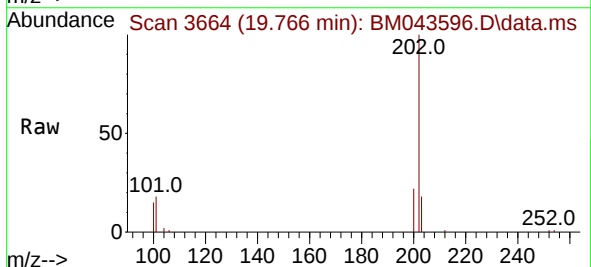
Tgt Ion:202 Resp: 14000

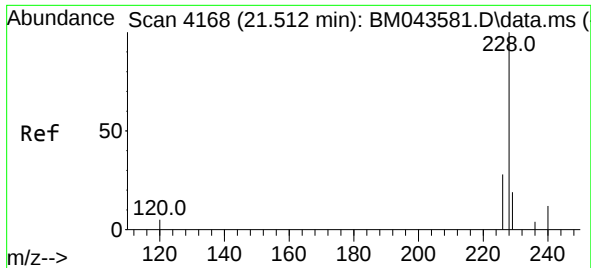
Ion Ratio Lower Upper

202 100

101 18.4 12.7 19.1

100 14.9 9.8 14.8#

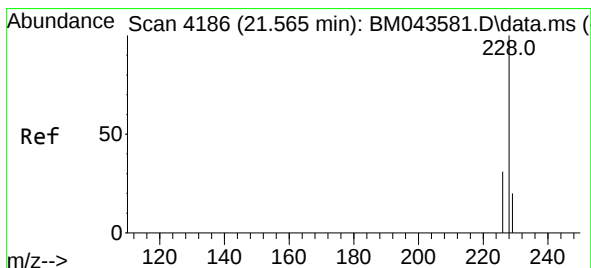
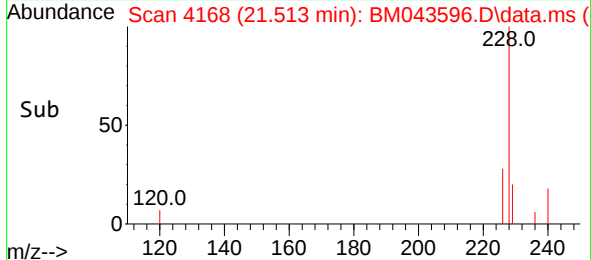
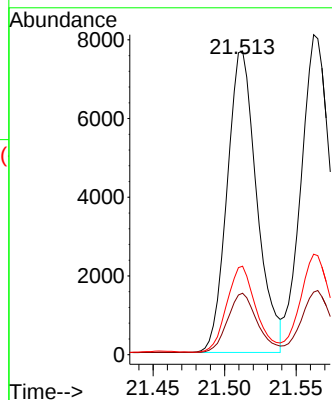
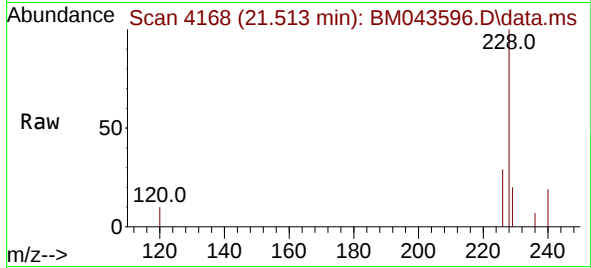




#21
Benzo(a)anthracene
Concen: 0.351 ng/ul
RT: 21.513 min Scan# 4168
Delta R.T. 0.000 min
Lab File: BM043596.D
Acq: 27 Dec 2023 05:34

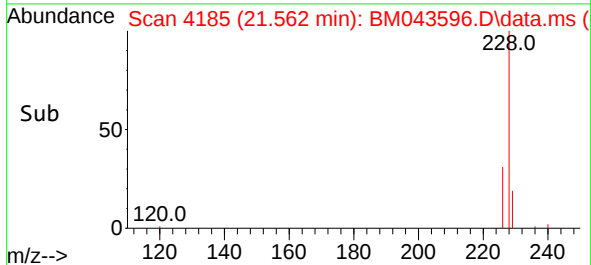
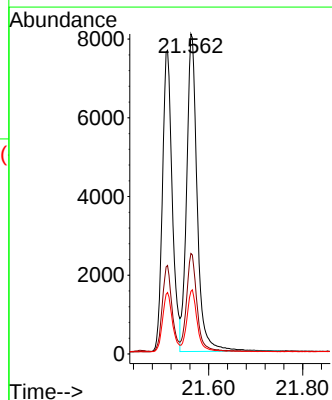
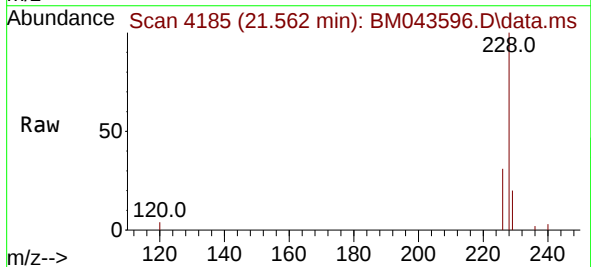
Instrument :
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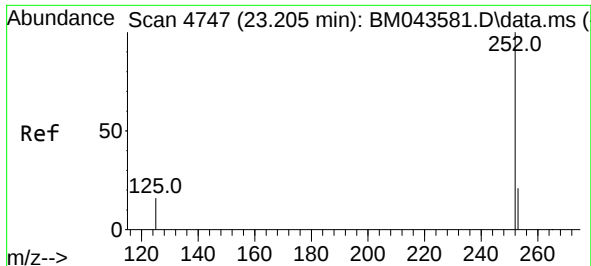
Tgt Ion:228 Resp: 11073
Ion Ratio Lower Upper
228 100
229 20.2 15.5 23.3
226 29.1 22.6 34.0



#22
Chrysene
Concen: 0.377 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM043596.D
Acq: 27 Dec 2023 05:34

Tgt Ion:228 Resp: 12551
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 19.6 15.7 23.5

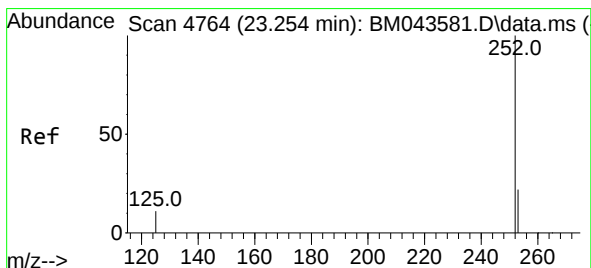
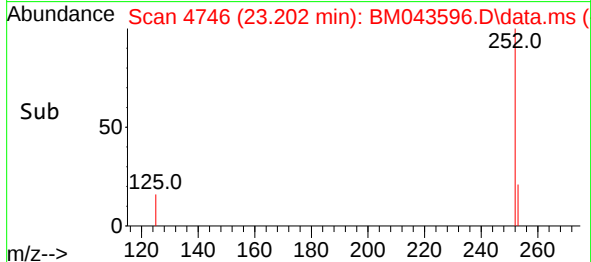
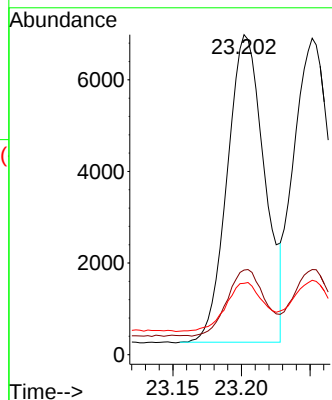
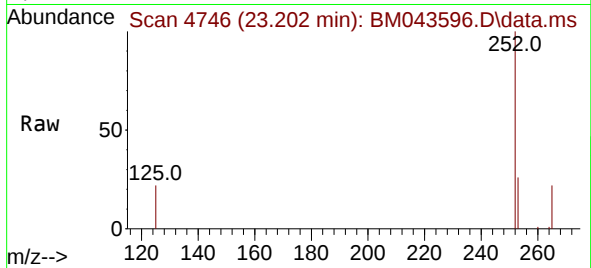




#24
Benzo(b)fluoranthene
Concen: 0.340 ng/ul
RT: 23.202 min Scan# 4746
Delta R.T. -0.003 min
Lab File: BM043596.D
Acq: 27 Dec 2023 05:34

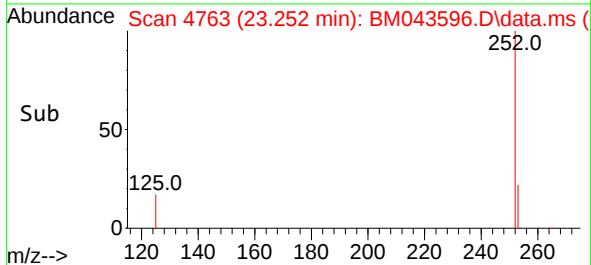
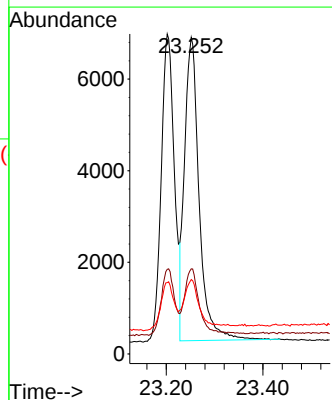
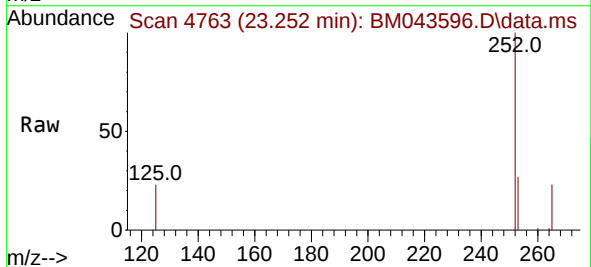
Instrument :
BNA_M
ClientSampleId :
SLCS032

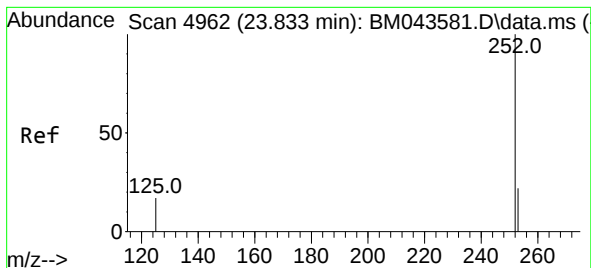
Tgt Ion:252 Resp: 12686
Ion Ratio Lower Upper
252 100
253 26.4 0.0 48.8
125 22.3 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.358 ng/ul
RT: 23.252 min Scan# 4763
Delta R.T. -0.003 min
Lab File: BM043596.D
Acq: 27 Dec 2023 05:34

Tgt Ion:252 Resp: 13863
Ion Ratio Lower Upper
252 100
253 26.9 18.6 28.0
125 23.5 11.8 17.8#





#26

Benzo(a)pyrene

Concen: 0.382 ng/ul

RT: 23.830 min Scan# 4962

Delta R.T. -0.003 min

Lab File: BM043596.D

Acq: 27 Dec 2023 05:34

Instrument :

BNA_M

ClientSampleId :

SLCS032

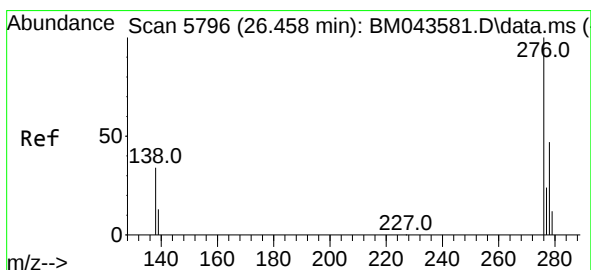
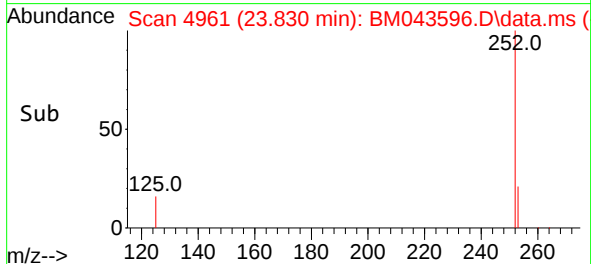
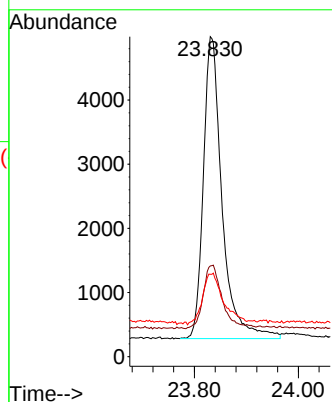
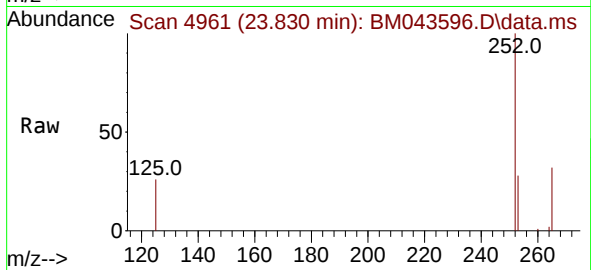
Tgt Ion:252 Resp: 11754

Ion Ratio Lower Upper

252 100

253 28.4 20.2 30.2

125 25.8 13.5 20.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.439 ng/ul

RT: 26.451 min Scan# 5794

Delta R.T. -0.007 min

Lab File: BM043596.D

Acq: 27 Dec 2023 05:34

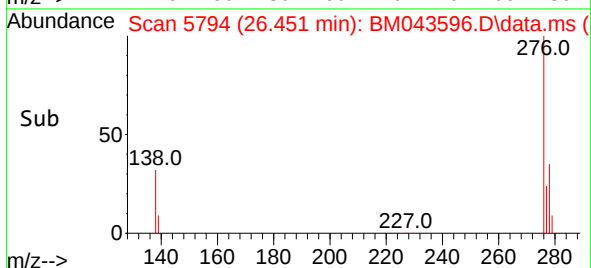
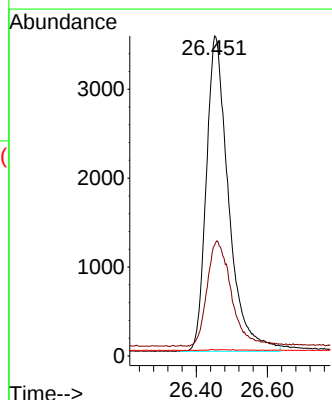
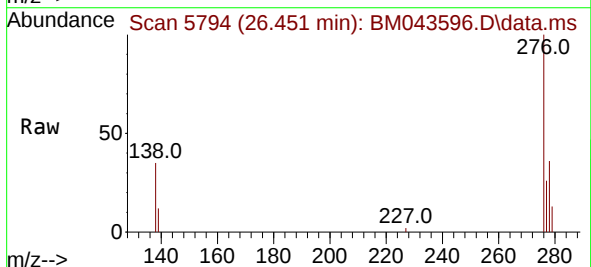
Tgt Ion:276 Resp: 15394

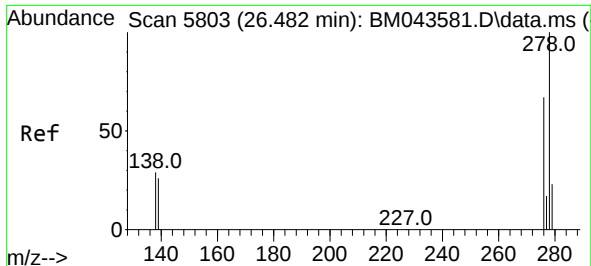
Ion Ratio Lower Upper

276 100

138 36.6 24.6 36.8

227 0.1 0.0 0.0#

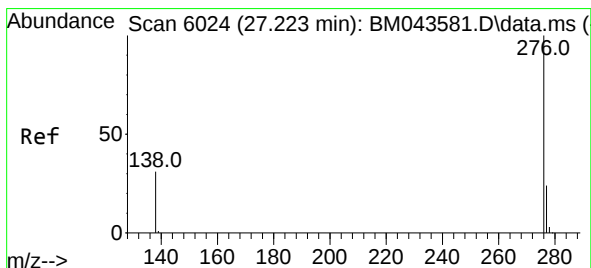
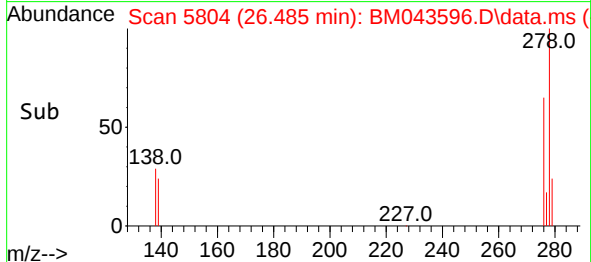
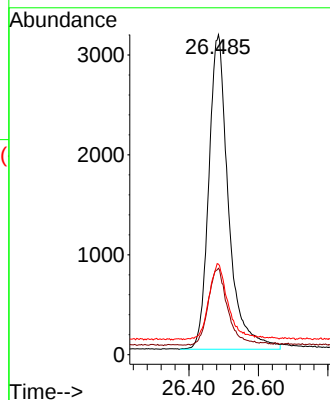
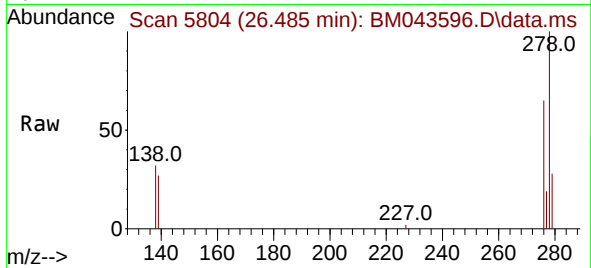




#28
Dibenzo(a,h)anthracene
Concen: 0.446 ng/ul
RT: 26.485 min Scan# 5803
Delta R.T. 0.003 min
Lab File: BM043596.D
Acq: 27 Dec 2023 05:34

Instrument :
BNA_M
ClientSampleId :
SLCS032

Tgt Ion:278 Resp: 12394
Ion Ratio Lower Upper
278 100
139 27.0 17.4 26.2#
279 28.3 20.9 31.3



#29
Benzo(g,h,i)perylene
Concen: 0.446 ng/ul
RT: 27.219 min Scan# 6023
Delta R.T. -0.004 min
Lab File: BM043596.D
Acq: 27 Dec 2023 05:34

Tgt Ion:276 Resp: 13341
Ion Ratio Lower Upper
276 100
138 33.2 23.1 34.7
277 24.5 19.4 29.0

