

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100323\
 Data File : BM042182.D
 Acq On : 04 Oct 2023 03:30
 Operator : MA/JU
 Sample : PB155904BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS904

Quant Time: Oct 04 04:36:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 02 19:28:41 2023
 Response via : Initial Calibration

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

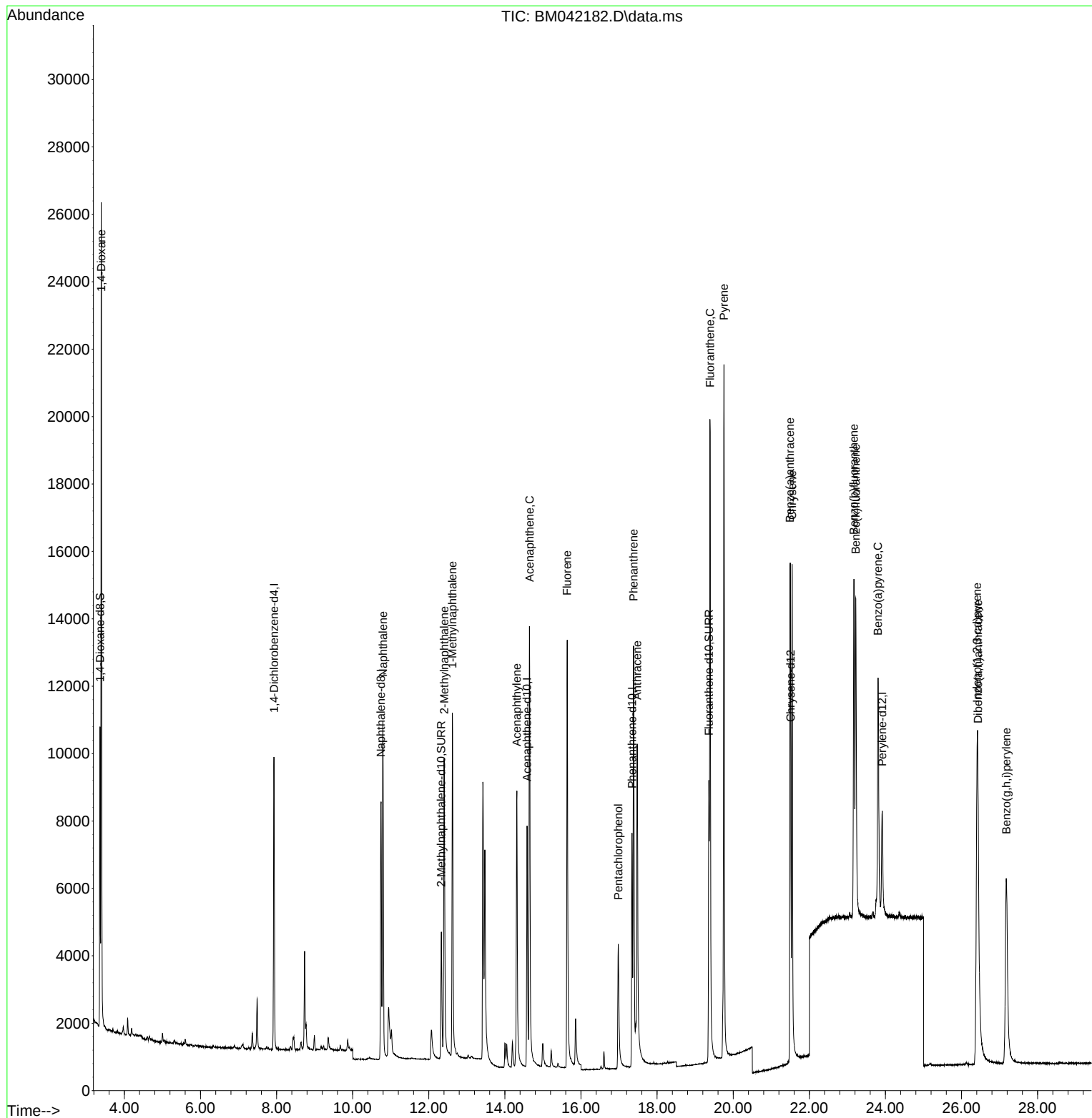
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	4390	0.400	ng/ul	0.00
4) Naphthalene-d8	10.746	136	10822	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	4402	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	8683	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	4651	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	4857	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	4662	0.797	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	5879	0.396	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	8699	0.498	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	14093	2.308	ng/ul#	75
5) Naphthalene	10.796	128	14219	0.394	ng/ul	100
7) 2-Methylnaphthalene	12.407	142	8283	0.383	ng/ul	95
8) 1-Methylnaphthalene	12.621	142	7914	0.363	ng/ul	98
10) Acenaphthylene	14.314	152	12269	0.441	ng/ul	99
11) Acenaphthene	14.647	153	9025	0.429	ng/ul	99
12) Fluorene	15.637	166	10112	0.426	ng/ul	97
14) Pentachlorophenol	16.978	266	3645	0.926	ng/ul	98
15) Phenanthrene	17.383	178	15853	0.443	ng/ul	99
16) Anthracene	17.476	178	13708	0.419	ng/ul	99
19) Fluoranthene	19.394	202	18146	0.514	ng/ul	97
20) Pyrene	19.757	202	18965	0.505	ng/ul#	94
21) Benzo(a)anthracene	21.495	228	13393	0.446	ng/ul	100
22) Chrysene	21.547	228	14193	0.486	ng/ul	99
24) Benzo(b)fluoranthene	23.173	252	13683	0.478	ng/ul	98
25) Benzo(k)fluoranthene	23.222	252	14275	0.506	ng/ul	98
26) Benzo(a)pyrene	23.804	252	12710	0.515	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.408	276	16880	0.482	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.431	278	12513	0.474	ng/ul	96
29) Benzo(g,h,i)perylene	27.176	276	14521	0.497	ng/ul	96

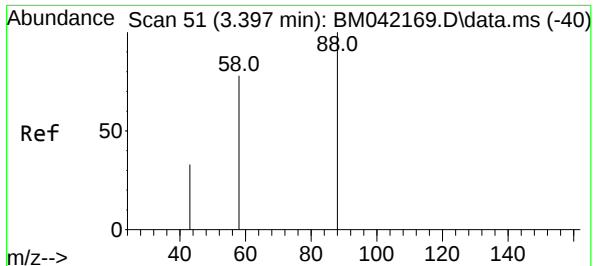
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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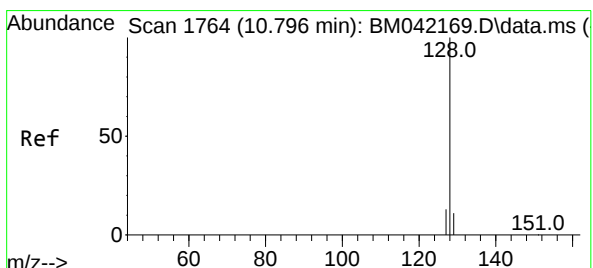
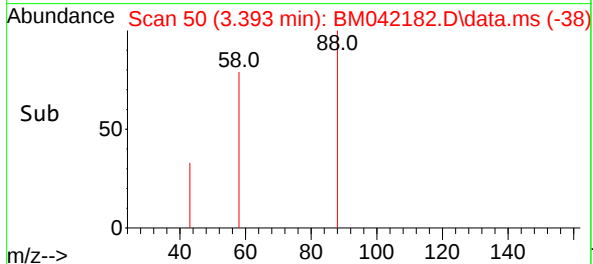
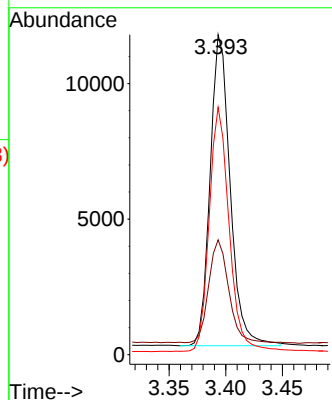
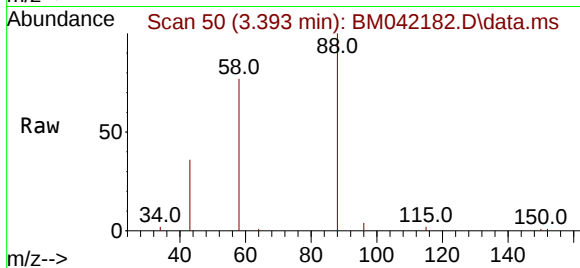




#2
1,4-Dioxane
Concen: 2.308 ng/ul
RT: 3.393 min Scan# 51
Delta R.T. -0.009 min
Lab File: BM042182.D
Acq: 04 Oct 2023 03:30

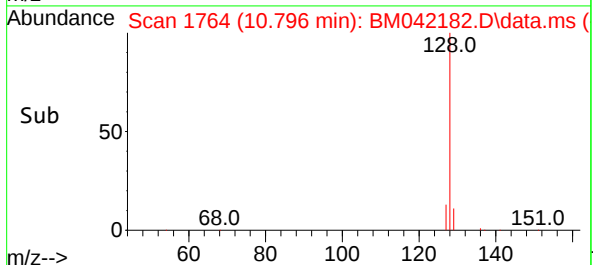
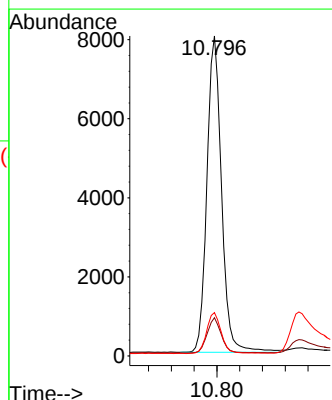
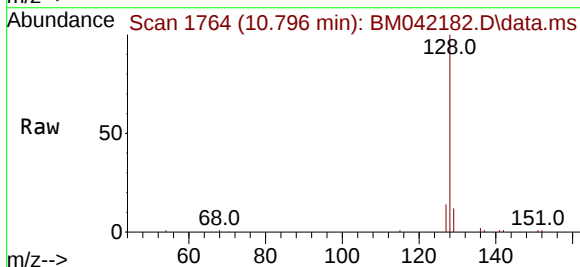
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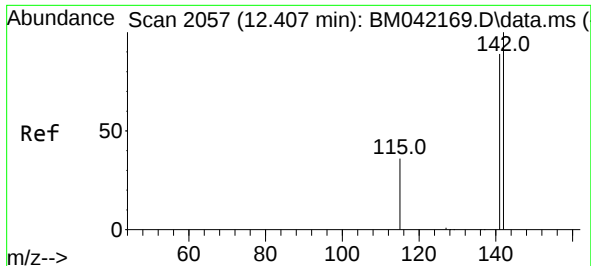
Tgt Ion: 88 Resp: 14093
Ion Ratio Lower Upper
88 100
43 35.9 52.1 78.1#
58 77.3 53.8 80.6



#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM042182.D
Acq: 04 Oct 2023 03:30

Tgt Ion: 128 Resp: 14219
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.2
127 13.6 11.0 16.4

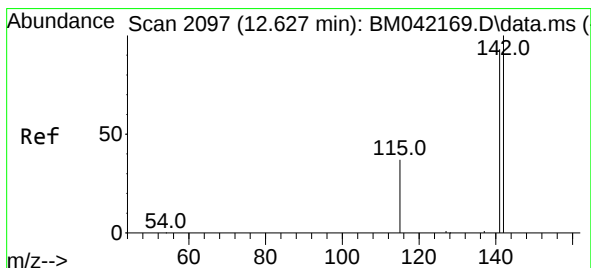
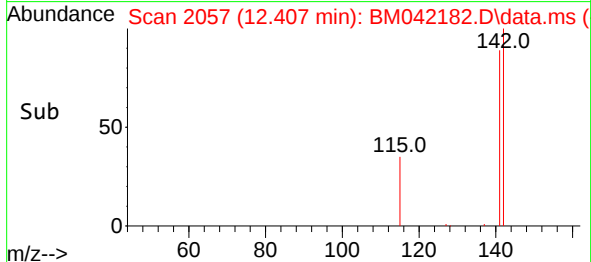
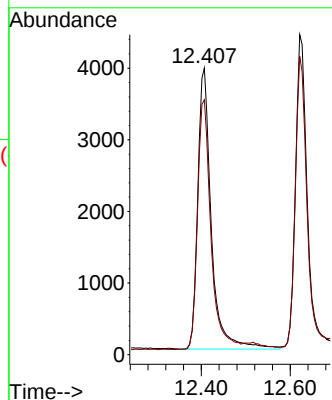
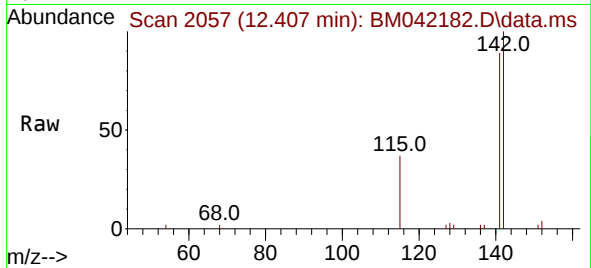




#7
2-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM042182.D
Acq: 04 Oct 2023 03:30

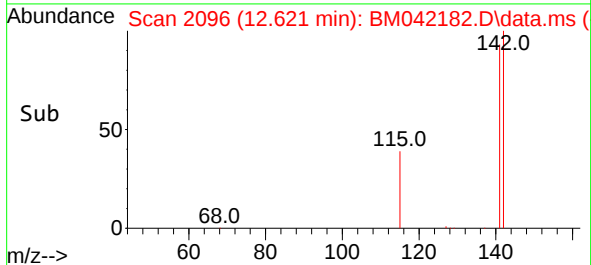
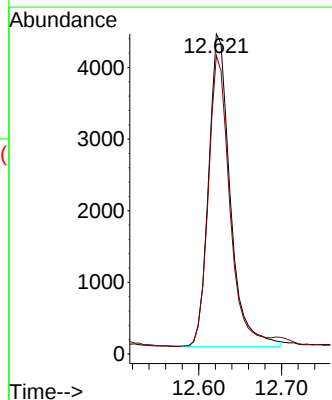
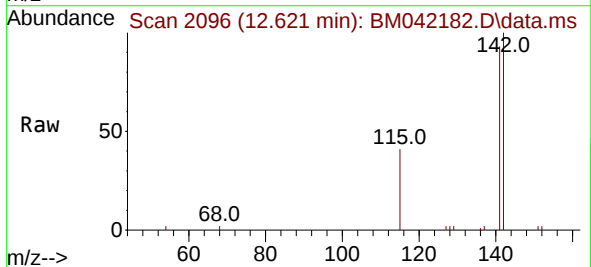
Instrument :
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ClientSampleId :
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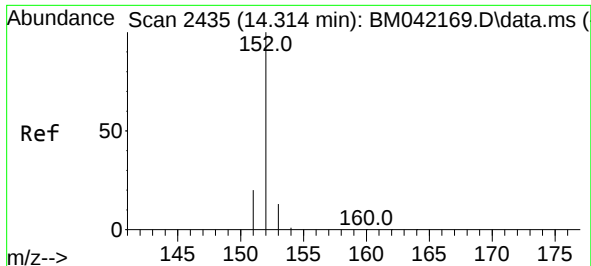
Tgt Ion:142 Resp: 8283
Ion Ratio Lower Upper
142 100
141 92.1 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.363 ng/ul
RT: 12.621 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BM042182.D
Acq: 04 Oct 2023 03:30

Tgt Ion:142 Resp: 7914
Ion Ratio Lower Upper
142 100
141 93.4 73.5 110.3

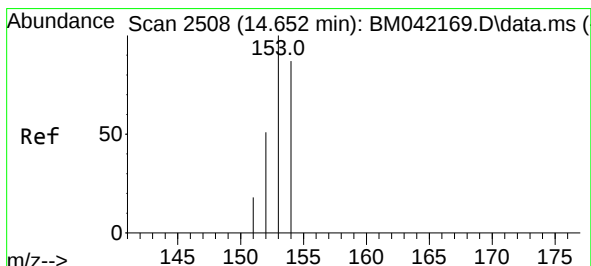
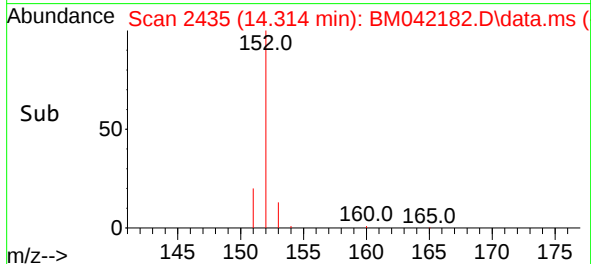
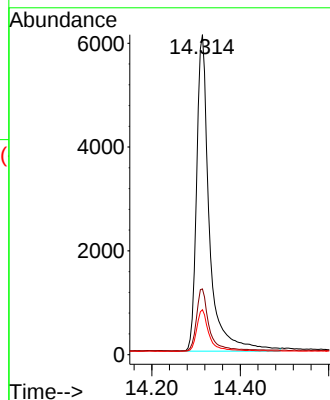
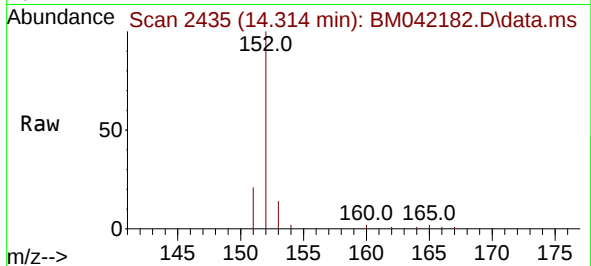




#10
Acenaphthylene
Concen: 0.441 ng/ul
RT: 14.314 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BM042182.D
Acq: 04 Oct 2023 03:30

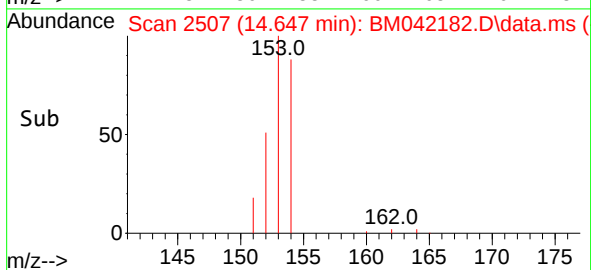
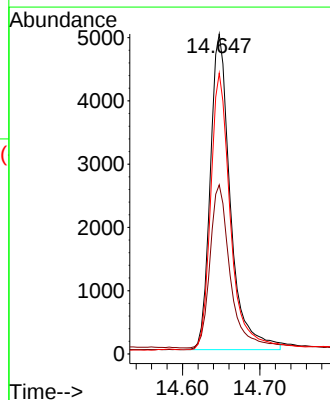
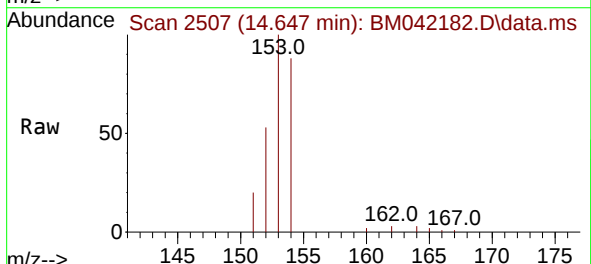
Instrument :
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ClientSampleId :
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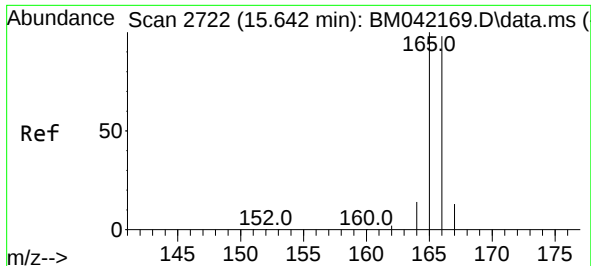
Tgt Ion:152 Resp: 12269
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 14.0 10.9 16.3



#11
Acenaphthene
Concen: 0.429 ng/ul
RT: 14.647 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BM042182.D
Acq: 04 Oct 2023 03:30

Tgt Ion:153 Resp: 9025
Ion Ratio Lower Upper
153 100
152 52.9 41.1 61.7
154 87.8 69.5 104.3

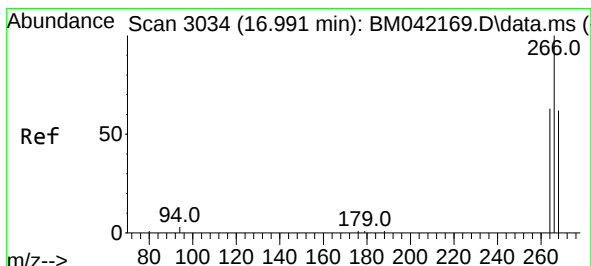
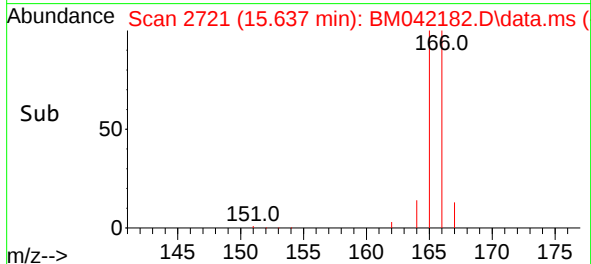
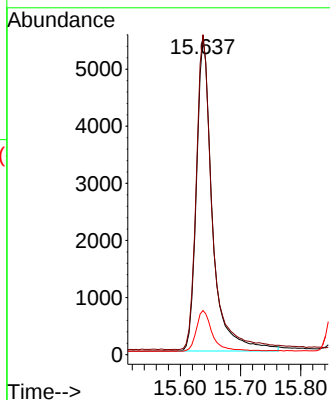
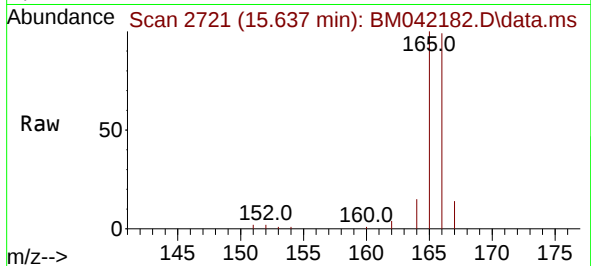




#12
Fluorene
Concen: 0.426 ng/ul
RT: 15.637 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042182.D
Acq: 04 Oct 2023 03:30

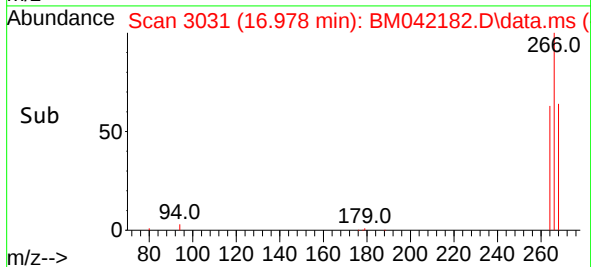
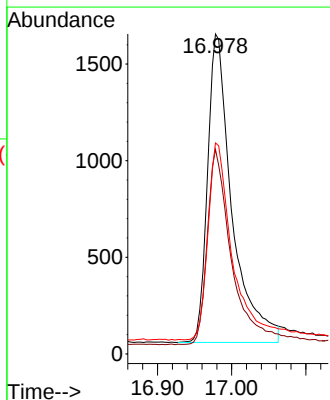
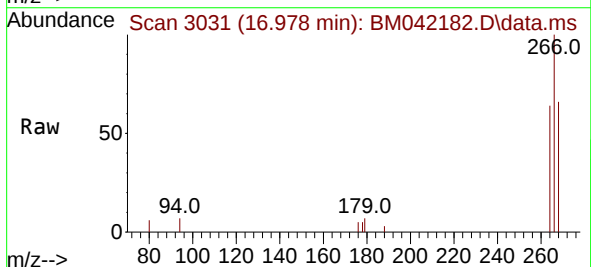
Instrument :
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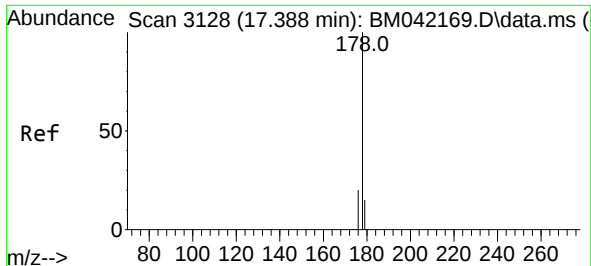
Tgt Ion:166 Resp: 10112
Ion Ratio Lower Upper
166 100
165 100.8 78.4 117.6
167 13.9 11.5 17.3



#14
Pentachlorophenol
Concen: 0.926 ng/ul
RT: 16.978 min Scan# 3031
Delta R.T. -0.000 min
Lab File: BM042182.D
Acq: 04 Oct 2023 03:30

Tgt Ion:266 Resp: 3645
Ion Ratio Lower Upper
266 100
264 62.5 51.1 76.7
268 63.6 52.1 78.1

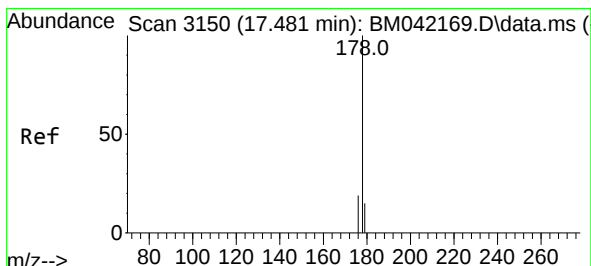
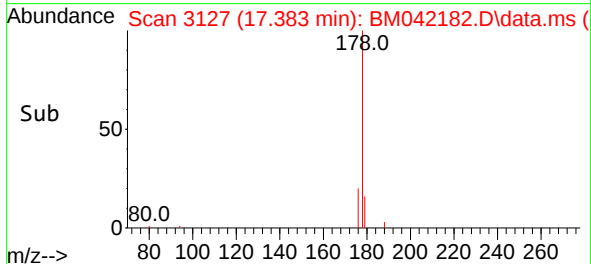
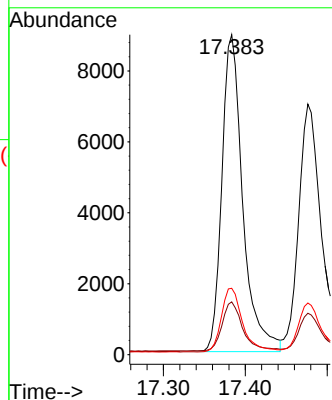
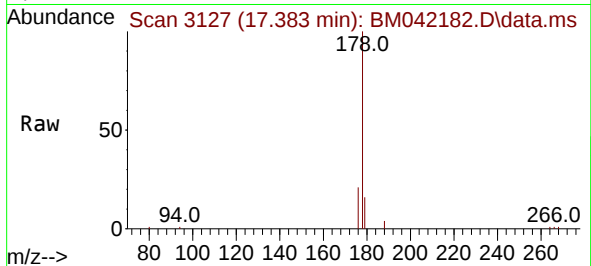




#15
Phenanthrene
Concen: 0.443 ng/ul
RT: 17.383 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM042182.D
Acq: 04 Oct 2023 03:30

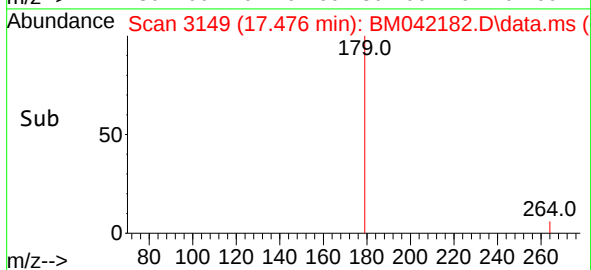
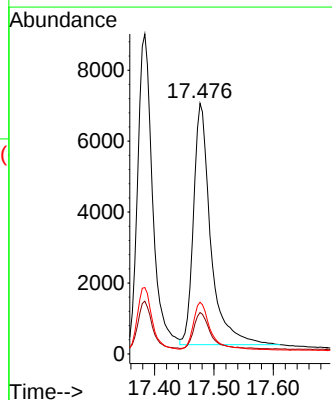
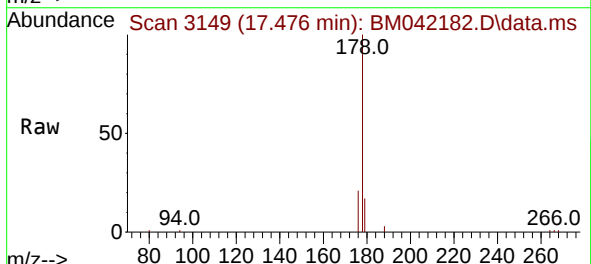
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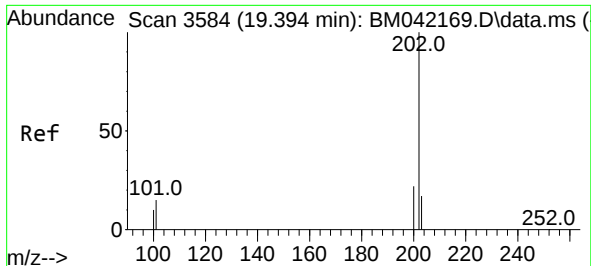
Tgt Ion:178 Resp: 15853
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 20.8 16.8 25.2



#16
Anthracene
Concen: 0.419 ng/ul
RT: 17.476 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BM042182.D
Acq: 04 Oct 2023 03:30

Tgt Ion:178 Resp: 13708
Ion Ratio Lower Upper
178 100
179 16.6 12.9 19.3
176 20.6 16.3 24.5

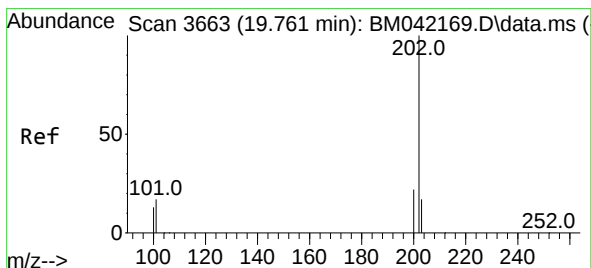
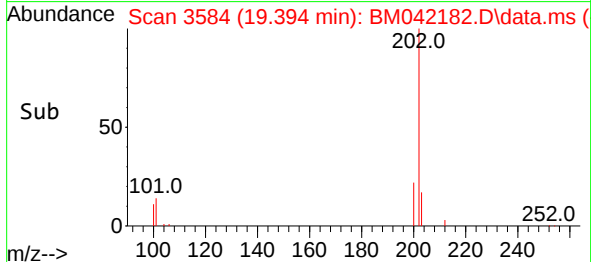
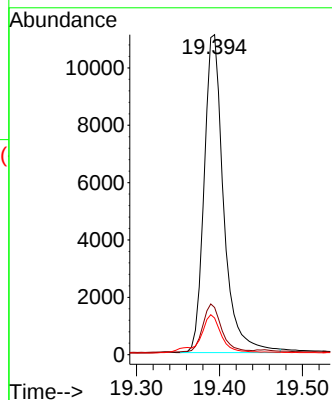
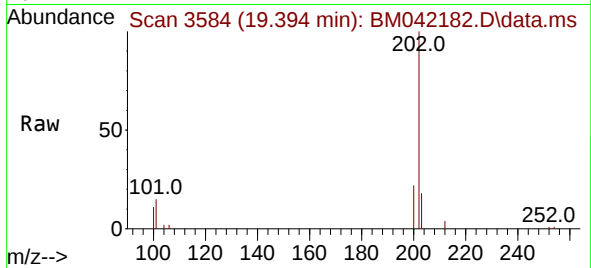




#19
Fluoranthene
Concen: 0.514 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. -0.000 min
Lab File: BM042182.D
Acq: 04 Oct 2023 03:30

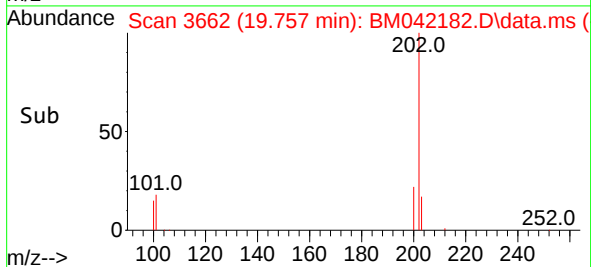
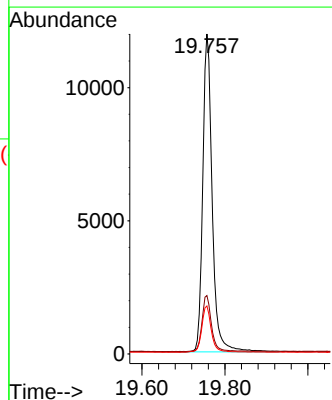
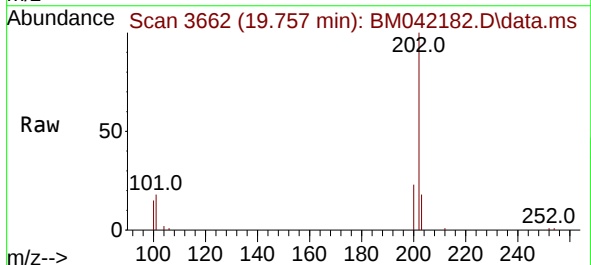
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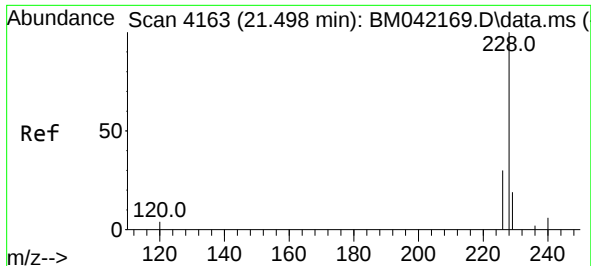
Tgt Ion:202 Resp: 18146
Ion Ratio Lower Upper
202 100
101 14.8 11.1 16.7
100 11.4 8.2 12.2



#20
Pyrene
Concen: 0.505 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BM042182.D
Acq: 04 Oct 2023 03:30

Tgt Ion:202 Resp: 18965
Ion Ratio Lower Upper
202 100
101 18.3 12.7 19.1
100 15.0 9.9 14.9#

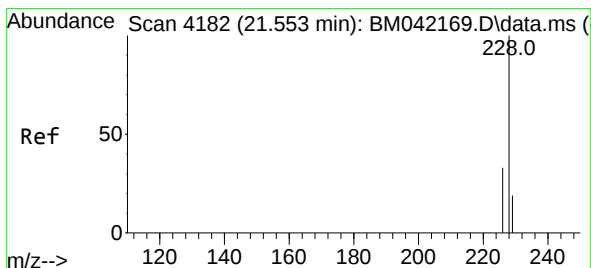
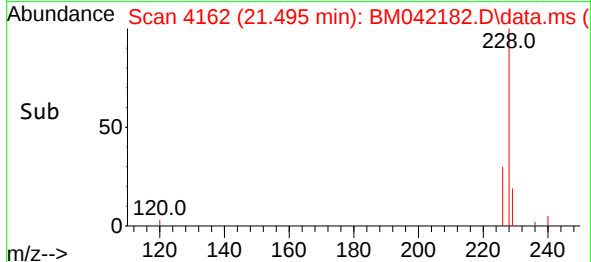
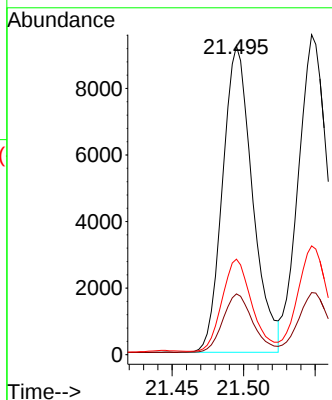
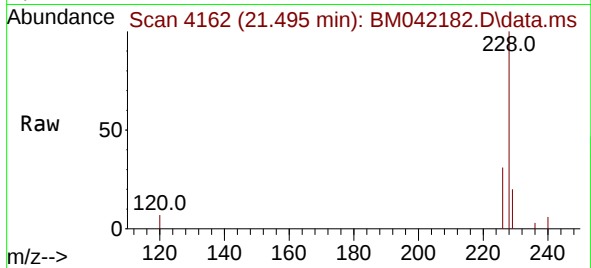




#21
Benzo(a)anthracene
Concen: 0.446 ng/ul
RT: 21.495 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM042182.D
Acq: 04 Oct 2023 03:30

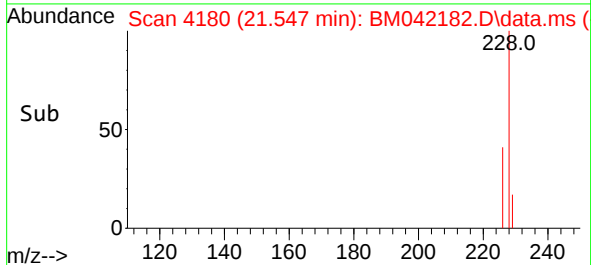
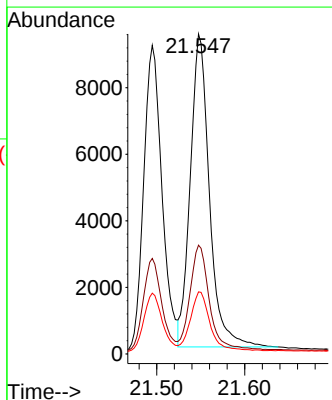
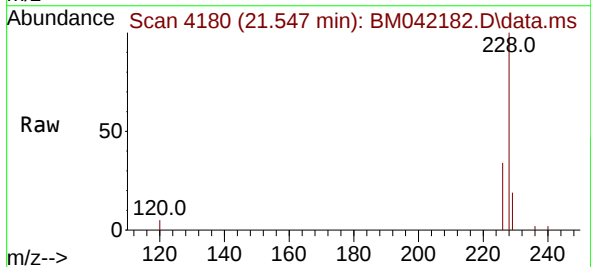
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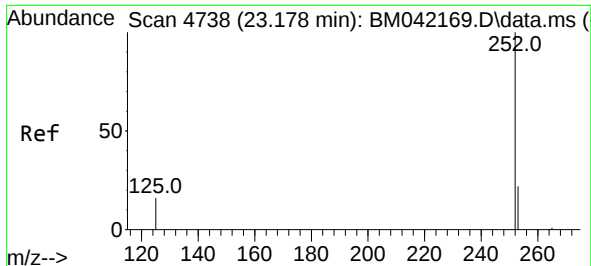
Tgt Ion:228 Resp: 13393
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 30.9 24.6 37.0



#22
Chrysene
Concen: 0.486 ng/ul
RT: 21.547 min Scan# 4180
Delta R.T. -0.006 min
Lab File: BM042182.D
Acq: 04 Oct 2023 03:30

Tgt Ion:228 Resp: 14193
Ion Ratio Lower Upper
228 100
226 34.0 26.7 40.1
229 19.4 15.8 23.8

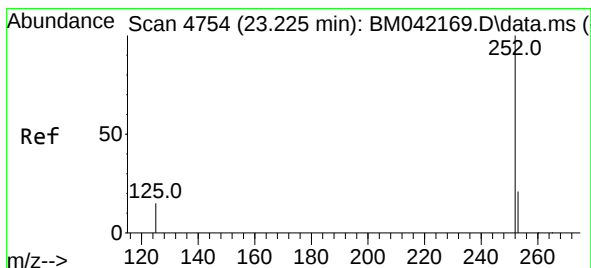
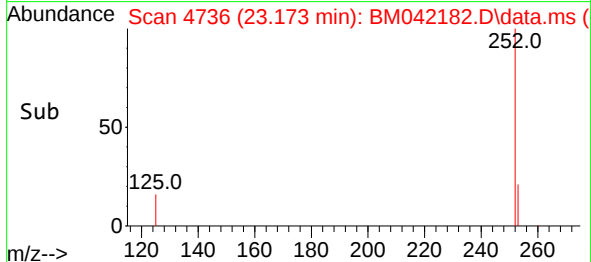
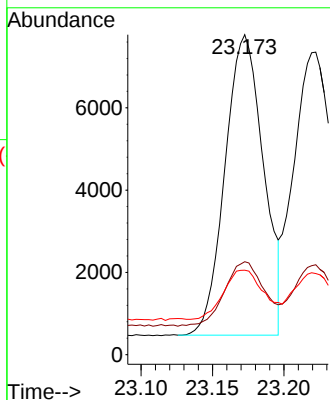
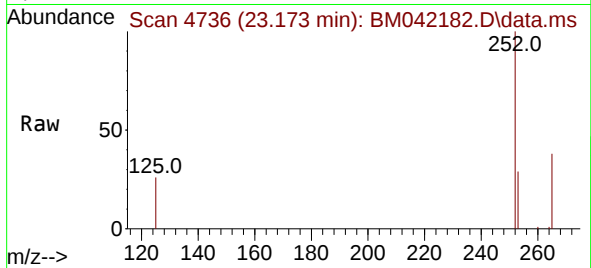




#24
Benzo(b)fluoranthene
Concen: 0.478 ng/ul
RT: 23.173 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM042182.D
Acq: 04 Oct 2023 03:30

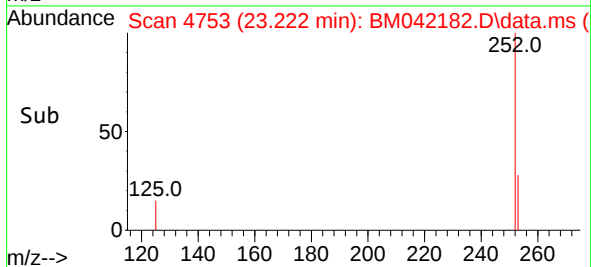
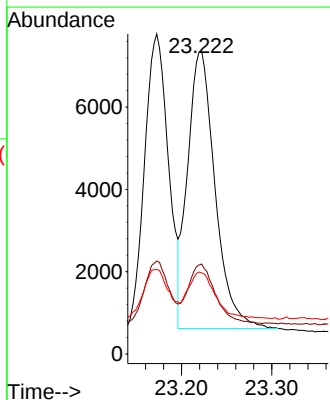
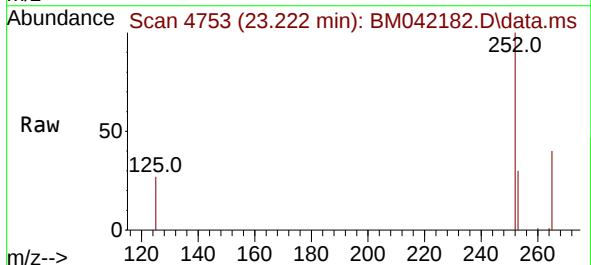
Instrument :
BNA_M
ClientSampleId :
SLCS904

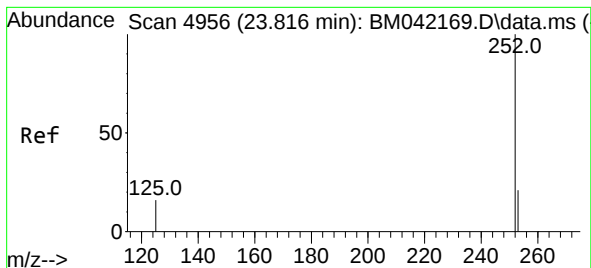
Tgt Ion:252 Resp: 13683
Ion Ratio Lower Upper
252 100
253 29.1 0.0 59.0
125 26.4 0.0 49.6



#25
Benzo(k)fluoranthene
Concen: 0.506 ng/ul
RT: 23.222 min Scan# 4753
Delta R.T. -0.006 min
Lab File: BM042182.D
Acq: 04 Oct 2023 03:30

Tgt Ion:252 Resp: 14275
Ion Ratio Lower Upper
252 100
253 29.7 23.4 35.0
125 26.8 19.9 29.9





#26

Benzo(a)pyrene

Concen: 0.515 ng/ul

RT: 23.804 min Scan# 4956

Delta R.T. -0.012 min

Lab File: BM042182.D

Acq: 04 Oct 2023 03:30

Instrument :

BNA_M

ClientSampleId :

SLCS904

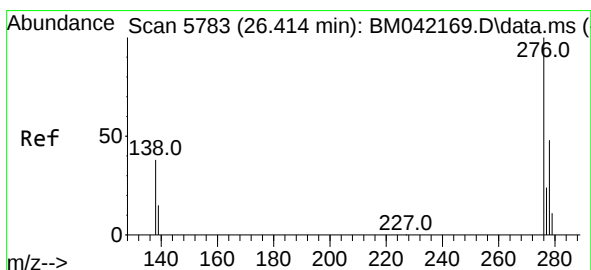
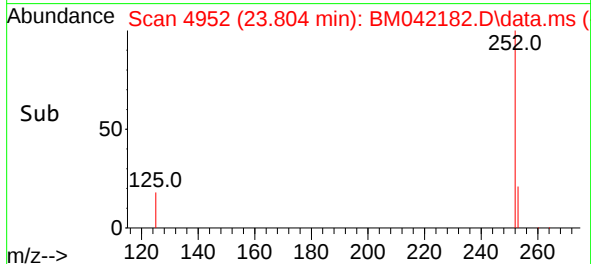
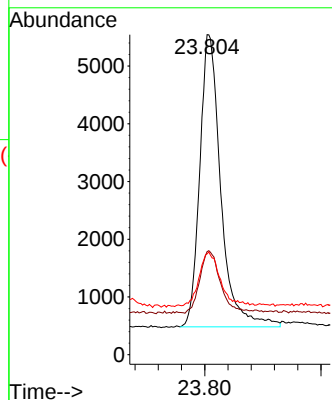
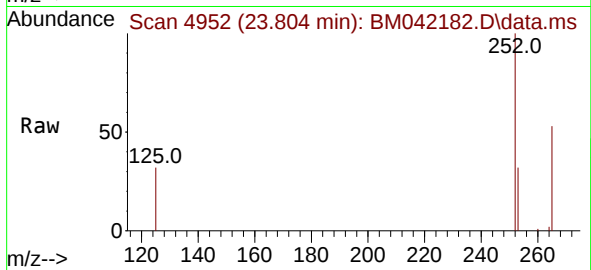
Tgt Ion:252 Resp: 12710

Ion Ratio Lower Upper

252 100

253 32.2 25.3 37.9

125 31.5 23.2 34.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.482 ng/ul

RT: 26.408 min Scan# 5781

Delta R.T. -0.010 min

Lab File: BM042182.D

Acq: 04 Oct 2023 03:30

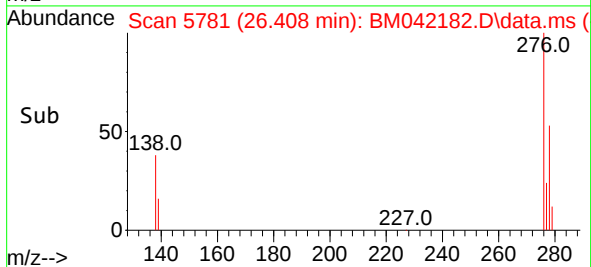
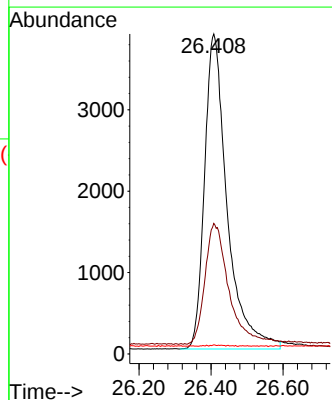
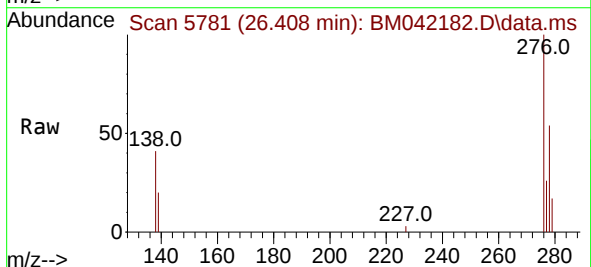
Tgt Ion:276 Resp: 16880

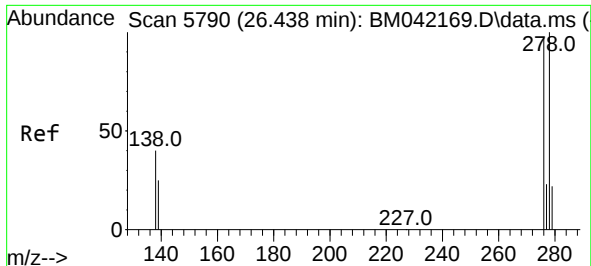
Ion Ratio Lower Upper

276 100

138 40.5 26.7 40.1#

227 0.2 0.2 0.2#

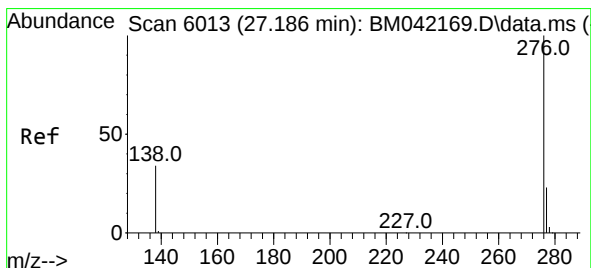
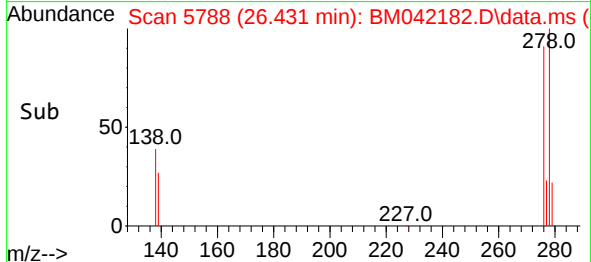
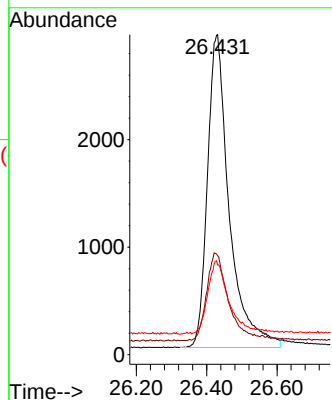
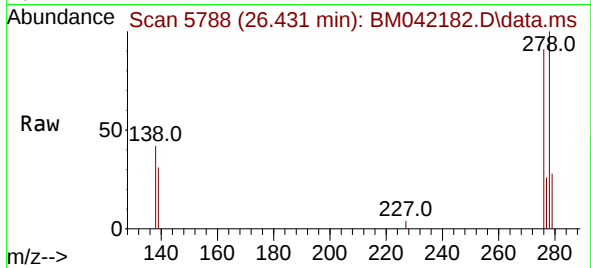




#28
Dibenzo(a,h)anthracene
Concen: 0.474 ng/ul
RT: 26.431 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM042182.D
Acq: 04 Oct 2023 03:30

Instrument :
BNA_M
ClientSampleId :
SLCS904

Tgt Ion:278 Resp: 12513
Ion Ratio Lower Upper
278 100
139 30.9 21.7 32.5
279 28.0 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.497 ng/ul
RT: 27.176 min Scan# 6010
Delta R.T. -0.020 min
Lab File: BM042182.D
Acq: 04 Oct 2023 03:30

Tgt Ion:276 Resp: 14521
Ion Ratio Lower Upper
276 100
138 37.2 26.8 40.2
277 25.5 20.1 30.1

