

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011624\
 Data File : BM043857.D
 Acq On : 16 Jan 2024 11:09
 Operator : MA/JU
 Sample : PB158427BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS427

Quant Time: Jan 16 11:47:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 10 15:40:11 2024
 Response via : Initial Calibration

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

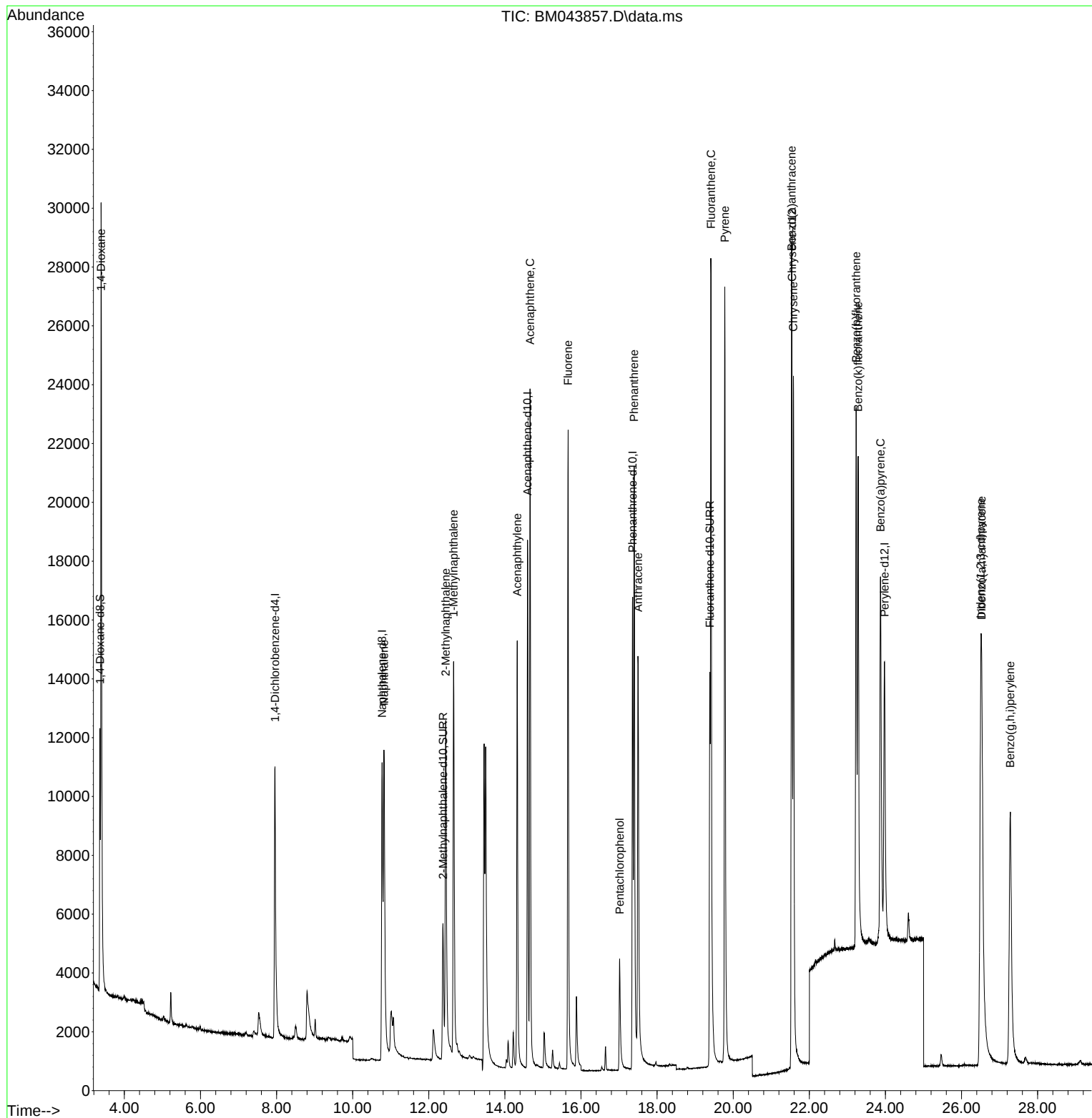
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	7650	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	21550	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	11635	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	23983	0.400	ng/ul	0.00
17) Chrysene-d12	21.545	240	15828	0.400	ng/ul	0.00
23) Perylene-d12	23.977	264	17281	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	5953	0.644	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	9750	0.313	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	18613	0.364	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.389	88	18803	1.912	ng/ul#	81
5) Naphthalene	10.823	128	20689	0.334	ng/ul	100
7) 2-Methylnaphthalene	12.445	142	12738	0.313	ng/ul	99
8) 1-Methylnaphthalene	12.654	142	12640	0.306	ng/ul	99
10) Acenaphthylene	14.324	152	20738	0.333	ng/ul	99
11) Acenaphthene	14.661	153	15530	0.343	ng/ul	99
12) Fluorene	15.661	166	17050	0.328	ng/ul	100
14) Pentachlorophenol	17.016	266	4061	0.534	ng/ul	100
15) Phenanthrene	17.396	178	26556	0.349	ng/ul	99
16) Anthracene	17.498	178	24728	0.341	ng/ul	99
19) Fluoranthene	19.417	202	29847	0.381	ng/ul	99
20) Pyrene	19.780	202	30823	0.378	ng/ul	99
21) Benzo(a)anthracene	21.533	228	23103	0.336	ng/ul	100
22) Chrysene	21.583	228	27854	0.377	ng/ul	100
24) Benzo(b)fluoranthene	23.231	252	25481	0.362	ng/ul	98
25) Benzo(k)fluoranthene	23.284	252	28397	0.366	ng/ul	97
26) Benzo(a)pyrene	23.871	252	24452	0.370	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.505	276	29972	0.359	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.532	278	22907	0.354	ng/ul	97
29) Benzo(g,h,i)perylene	27.283	276	25027	0.358	ng/ul	98

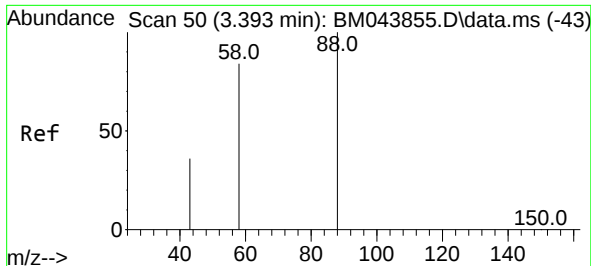
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011024.M
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QLast Update : Wed Jan 10 15:40:11 2024
Response via : Initial Calibration

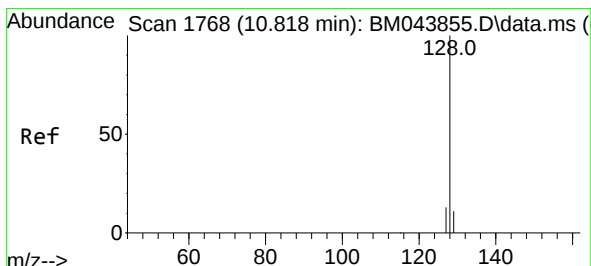
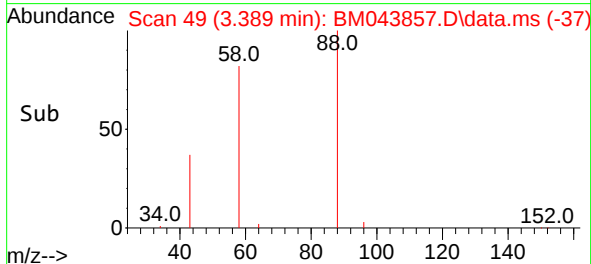
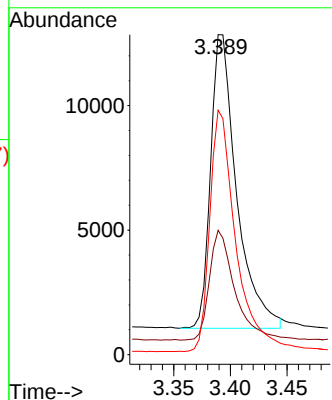
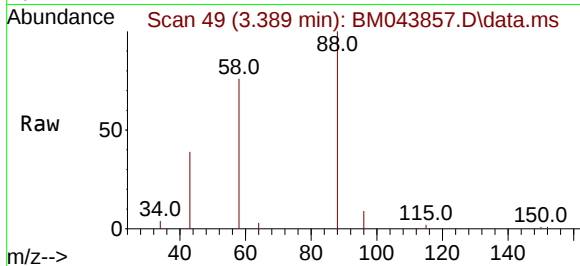




#2
1,4-Dioxane
Concen: 1.912 ng/ul
RT: 3.389 min Scan# 49
Delta R.T. -0.008 min
Lab File: BM043857.D
Acq: 16 Jan 2024 11:09

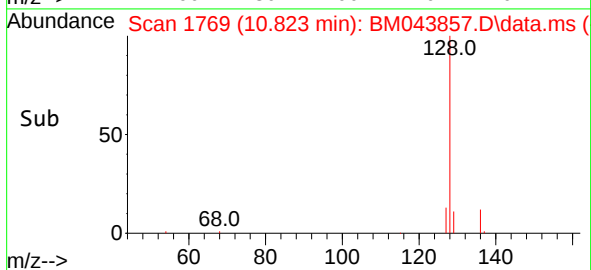
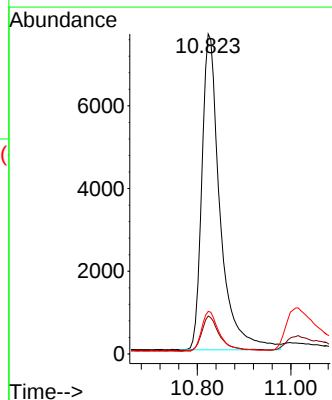
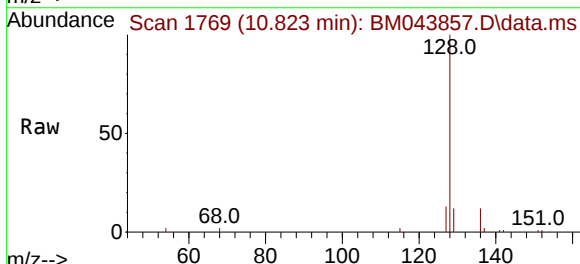
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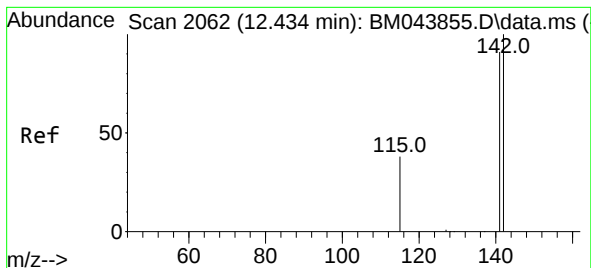
Tgt Ion: 88 Resp: 18803
Ion Ratio Lower Upper
88 100
43 38.9 42.1 63.1#
58 76.4 50.2 75.2#



#5
Naphthalene
Concen: 0.334 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BM043857.D
Acq: 16 Jan 2024 11:09

Tgt Ion: 128 Resp: 20689
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.3 10.6 15.8

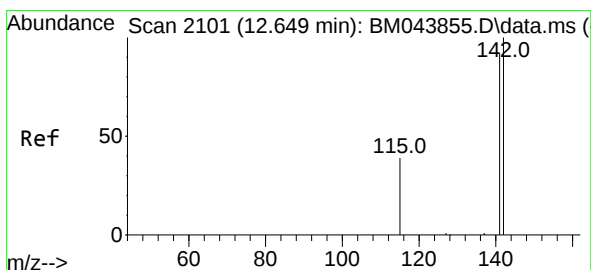
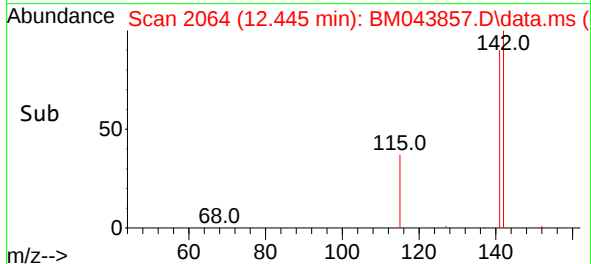
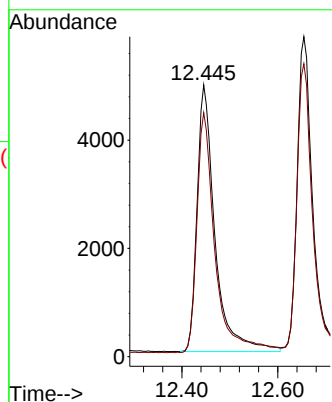
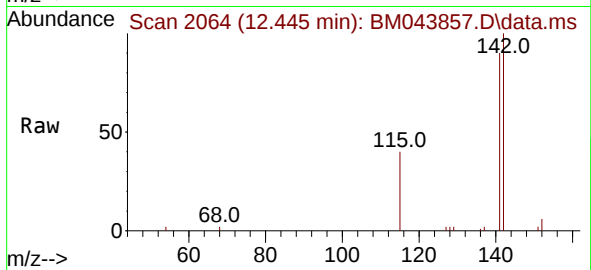




#7
2-Methylnaphthalene
Concen: 0.313 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. 0.006 min
Lab File: BM043857.D
Acq: 16 Jan 2024 11:09

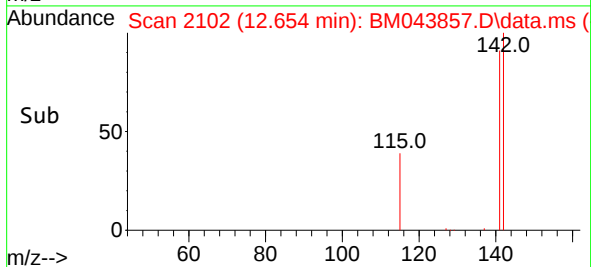
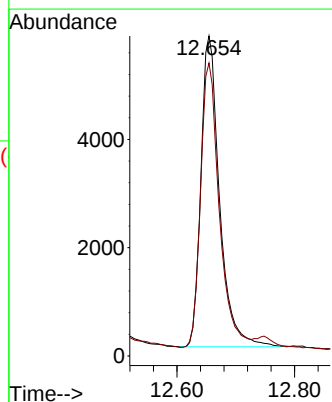
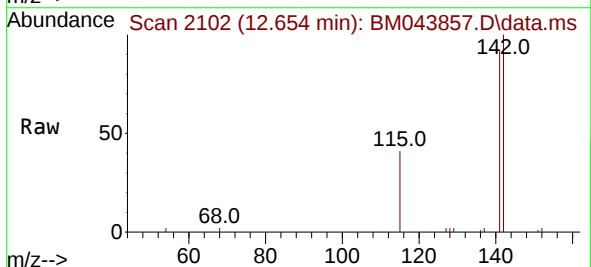
Instrument :
BNA_M
ClientSampleId :
SLCS427

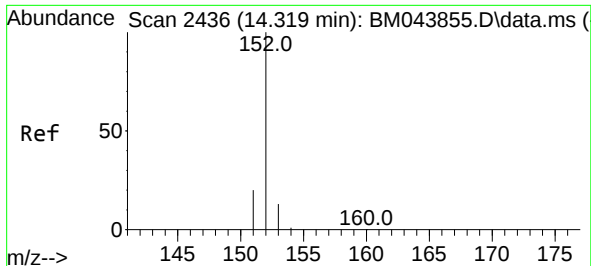
Tgt Ion:142 Resp: 12738
Ion Ratio Lower Upper
142 100
141 91.8 72.7 109.1



#8
1-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BM043857.D
Acq: 16 Jan 2024 11:09

Tgt Ion:142 Resp: 12640
Ion Ratio Lower Upper
142 100
141 92.5 73.0 109.6

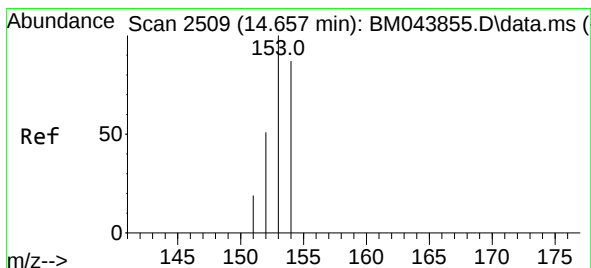
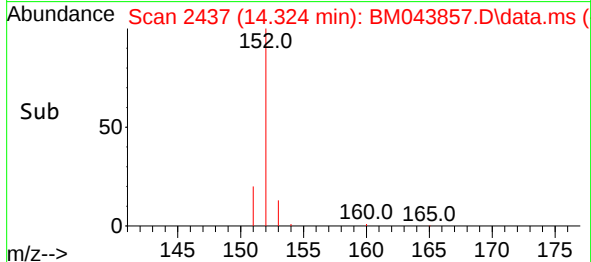
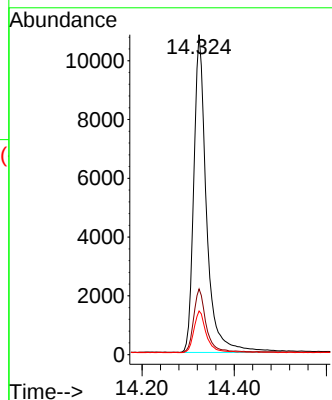
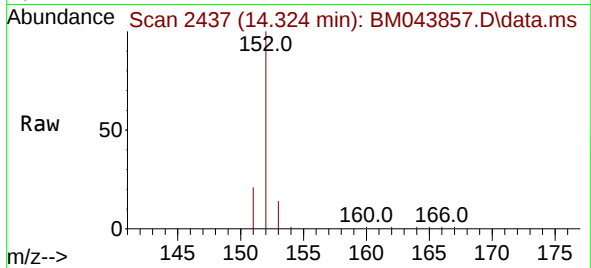




#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 14.324 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BM043857.D
Acq: 16 Jan 2024 11:09

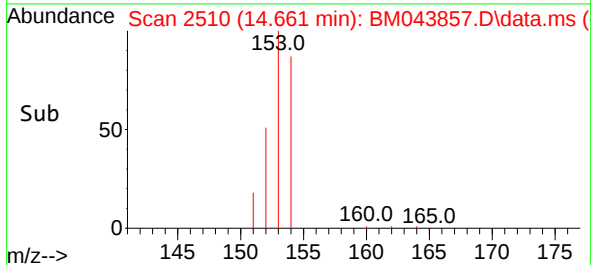
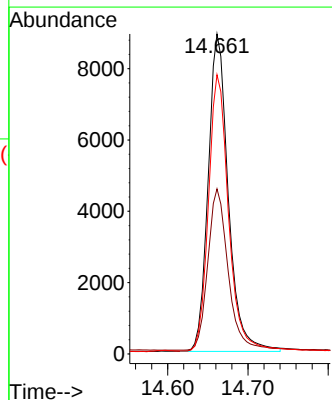
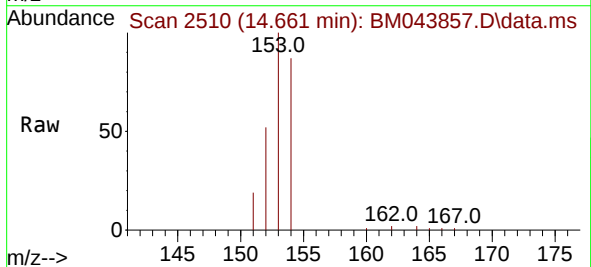
Instrument :
BNA_M
ClientSampleId :
SLCS427

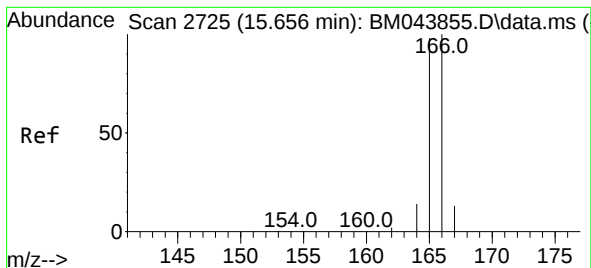
Tgt Ion:152 Resp: 20738
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 13.7 10.6 16.0



#11
Acenaphthene
Concen: 0.343 ng/ul
RT: 14.661 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BM043857.D
Acq: 16 Jan 2024 11:09

Tgt Ion:153 Resp: 15530
Ion Ratio Lower Upper
153 100
152 51.6 40.6 61.0
154 87.2 69.4 104.2





#12

Fluorene

Concen: 0.328 ng/ul

RT: 15.661 min Scan# 21

Delta R.T. 0.005 min

Lab File: BM043857.D

Acq: 16 Jan 2024 11:09

Instrument :

BNA_M

ClientSampleId :

SLCS427

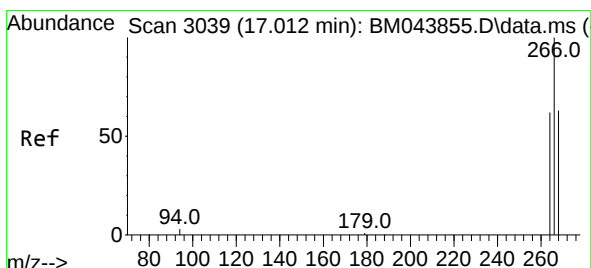
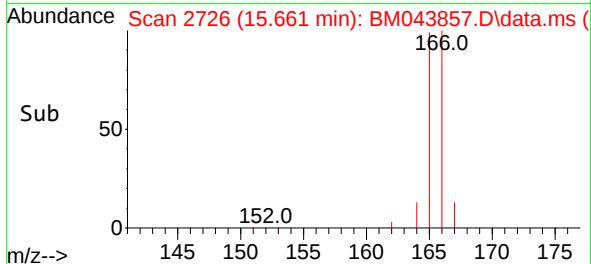
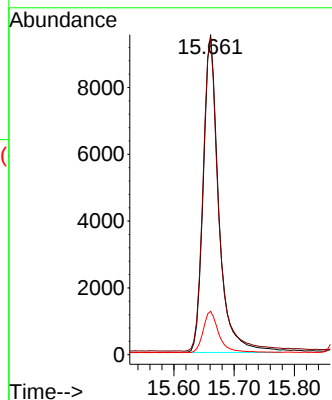
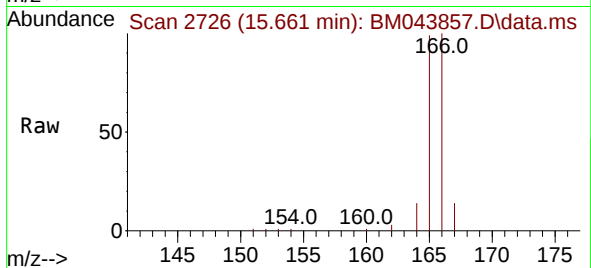
Tgt Ion:166 Resp: 17050

Ion Ratio Lower Upper

166 100

165 99.3 79.4 119.2

167 13.6 11.1 16.7



#14

Pentachlorophenol

Concen: 0.534 ng/ul

RT: 17.016 min Scan# 3040

Delta R.T. 0.000 min

Lab File: BM043857.D

Acq: 16 Jan 2024 11:09

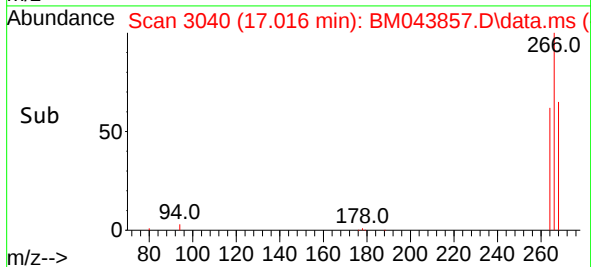
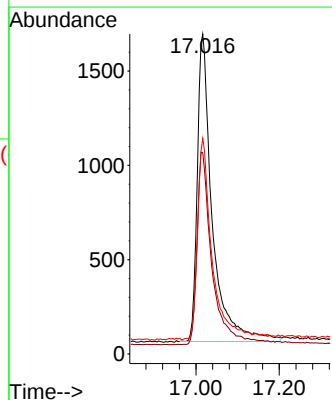
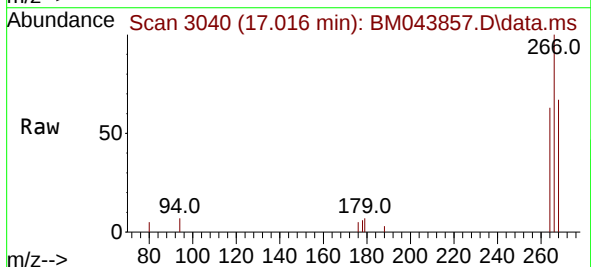
Tgt Ion:266 Resp: 4061

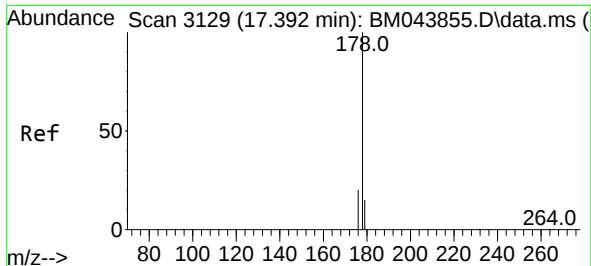
Ion Ratio Lower Upper

266 100

264 63.0 50.4 75.6

268 65.5 52.2 78.2

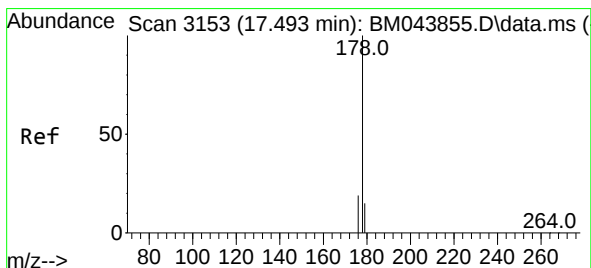
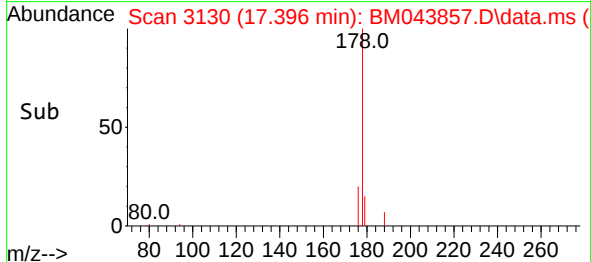
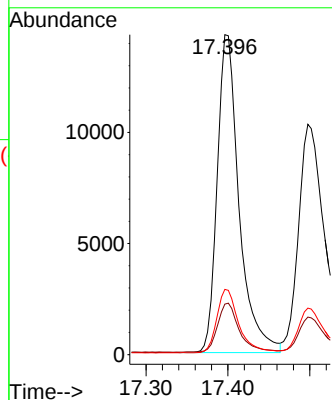
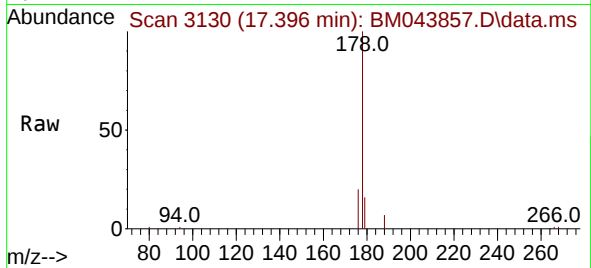




#15
Phenanthrene
Concen: 0.349 ng/ul
RT: 17.396 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BM043857.D
Acq: 16 Jan 2024 11:09

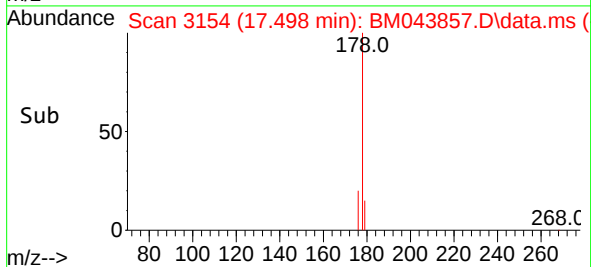
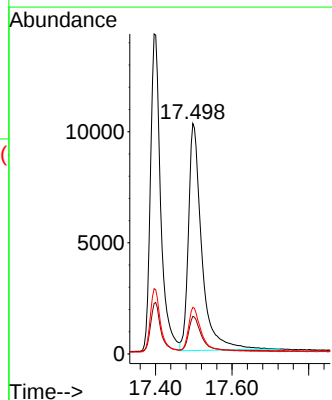
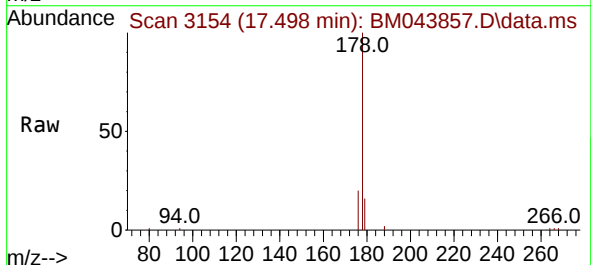
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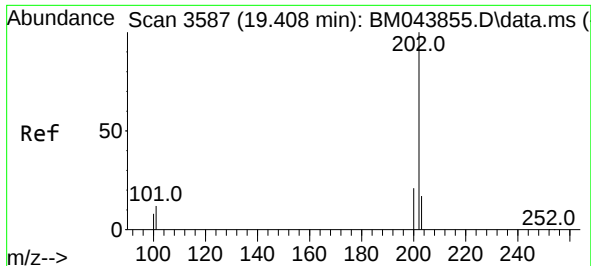
Tgt Ion:178 Resp: 26556
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 20.4 15.9 23.9



#16
Anthracene
Concen: 0.341 ng/ul
RT: 17.498 min Scan# 3154
Delta R.T. 0.004 min
Lab File: BM043857.D
Acq: 16 Jan 2024 11:09

Tgt Ion:178 Resp: 24728
Ion Ratio Lower Upper
178 100
179 16.3 12.7 19.1
176 20.2 15.6 23.4

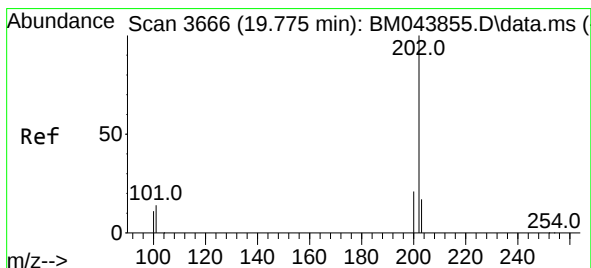
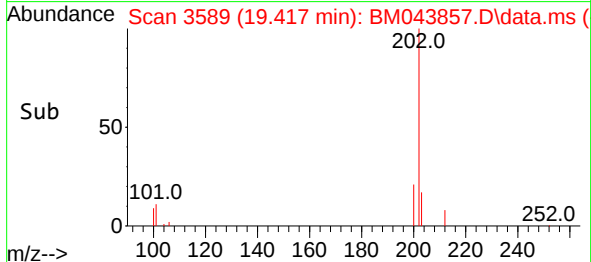
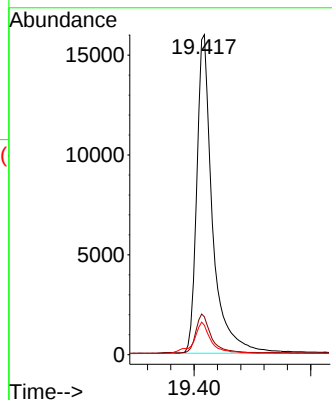
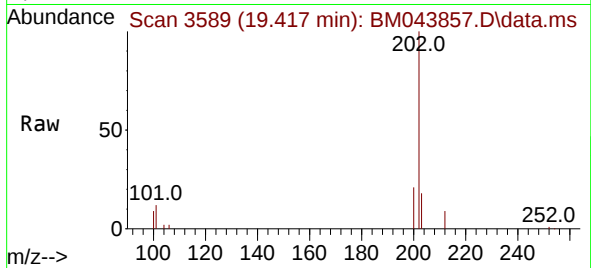




#19
Fluoranthene
Concen: 0.381 ng/ul
RT: 19.417 min Scan# 3589
Delta R.T. 0.005 min
Lab File: BM043857.D
Acq: 16 Jan 2024 11:09

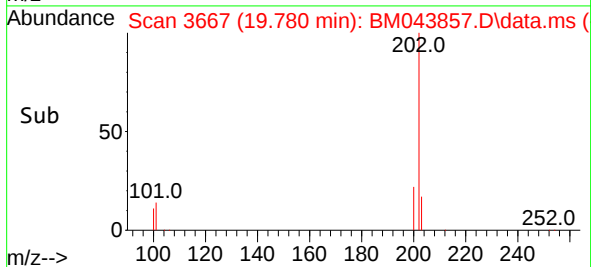
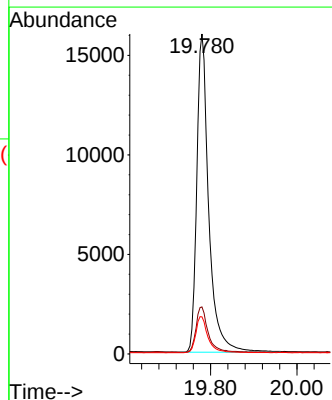
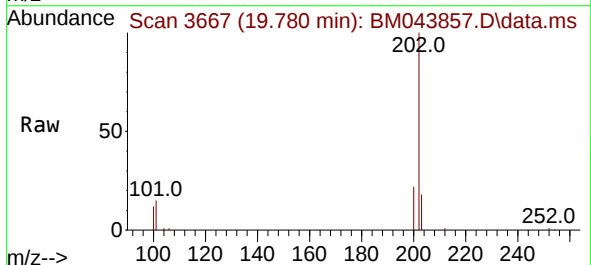
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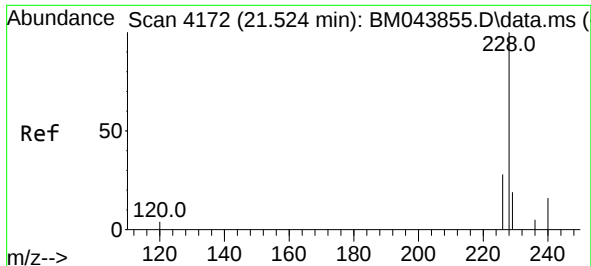
Tgt Ion:202 Resp: 29847
Ion Ratio Lower Upper
202 100
101 11.8 9.6 14.4
100 9.2 7.1 10.7



#20
Pyrene
Concen: 0.378 ng/ul
RT: 19.780 min Scan# 3667
Delta R.T. 0.005 min
Lab File: BM043857.D
Acq: 16 Jan 2024 11:09

Tgt Ion:202 Resp: 30823
Ion Ratio Lower Upper
202 100
101 14.7 11.3 16.9
100 11.6 9.0 13.6

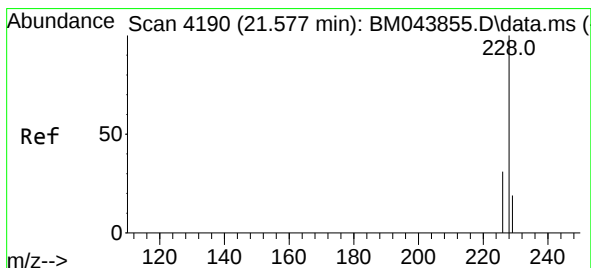
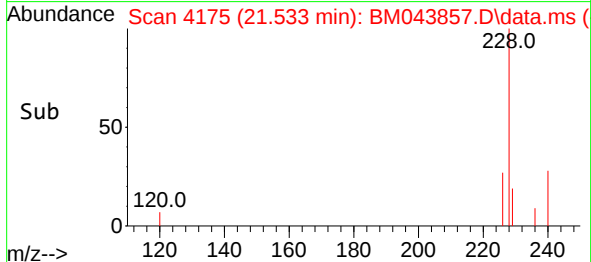
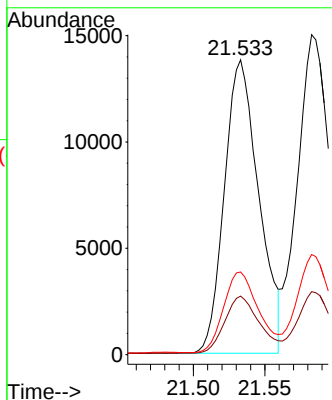
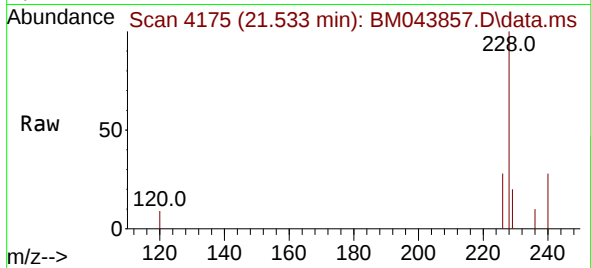




#21
Benzo(a)anthracene
Concen: 0.336 ng/ul
RT: 21.533 min Scan# 4172
Delta R.T. 0.003 min
Lab File: BM043857.D
Acq: 16 Jan 2024 11:09

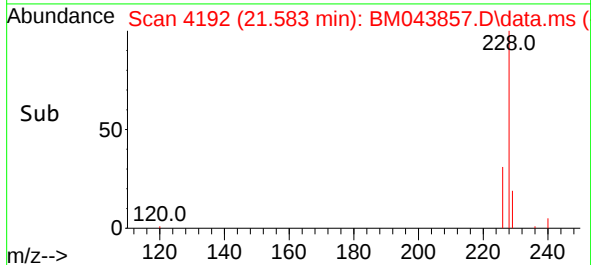
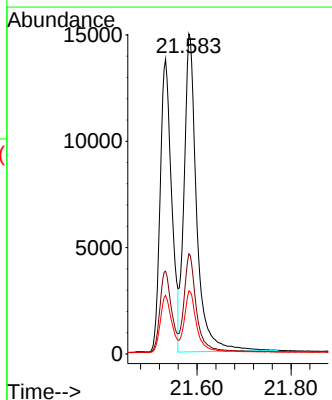
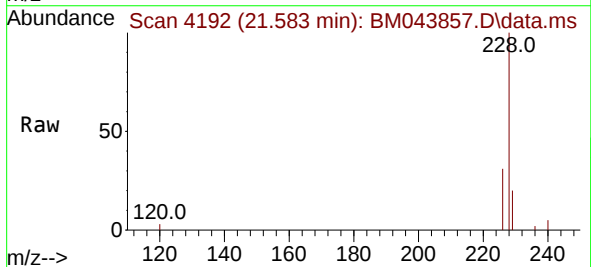
Instrument :
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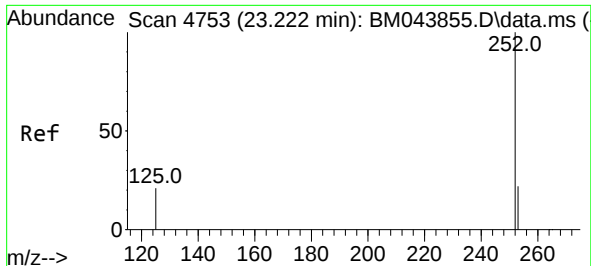
Tgt Ion:228 Resp: 23103
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 28.1 22.5 33.7



#22
Chrysene
Concen: 0.377 ng/ul
RT: 21.583 min Scan# 4192
Delta R.T. 0.003 min
Lab File: BM043857.D
Acq: 16 Jan 2024 11:09

Tgt Ion:228 Resp: 27854
Ion Ratio Lower Upper
228 100
226 31.3 24.9 37.3
229 19.7 15.7 23.5

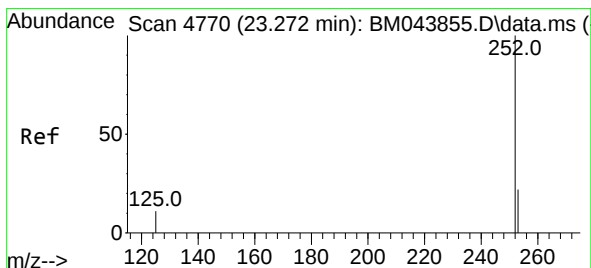
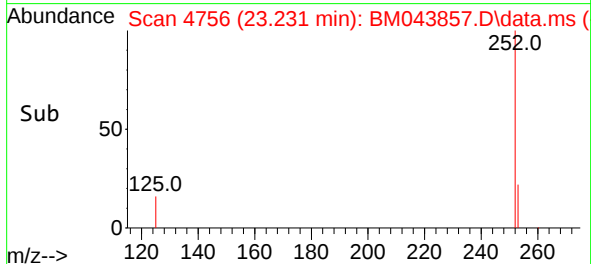
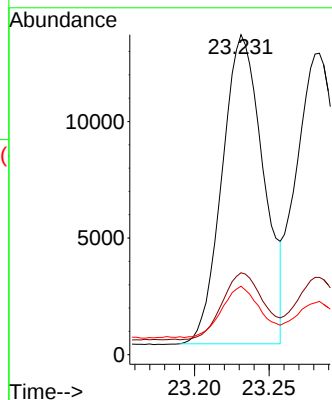
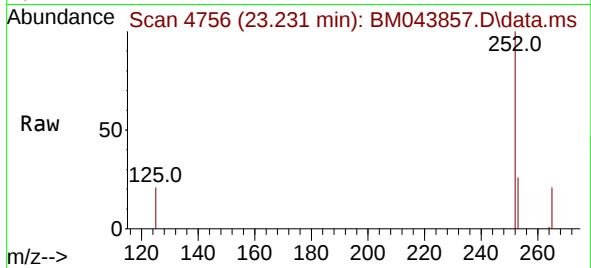




#24
Benzo(b)fluoranthene
Concen: 0.362 ng/ul
RT: 23.231 min Scan# 4756
Delta R.T. 0.000 min
Lab File: BM043857.D
Acq: 16 Jan 2024 11:09

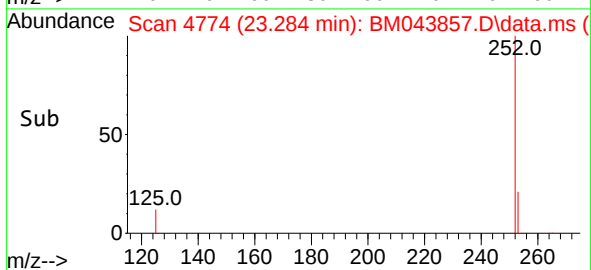
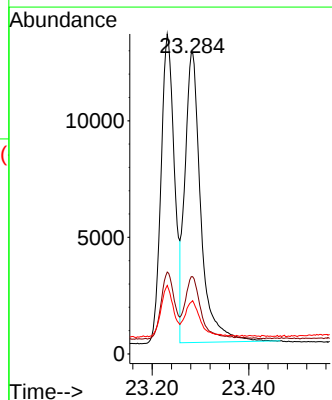
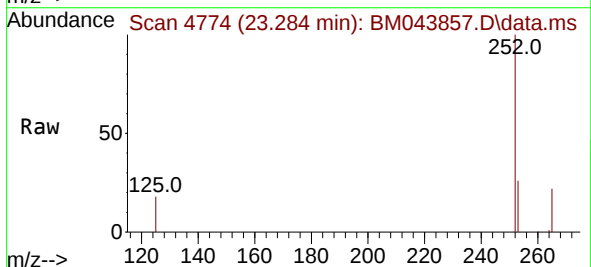
Instrument :
BNA_M
ClientSampleId :
SLCS427

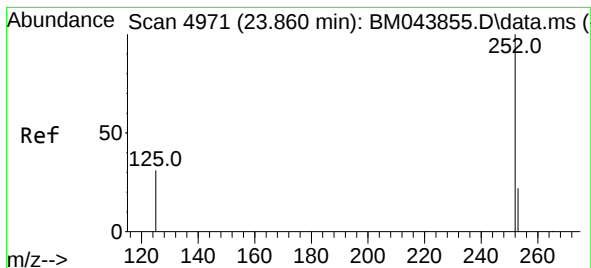
Tgt Ion:252 Resp: 25481
Ion Ratio Lower Upper
252 100
253 25.6 0.0 49.8
125 21.4 0.0 40.4



#25
Benzo(k)fluoranthene
Concen: 0.366 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. 0.006 min
Lab File: BM043857.D
Acq: 16 Jan 2024 11:09

Tgt Ion:252 Resp: 28397
Ion Ratio Lower Upper
252 100
253 25.6 19.9 29.9
125 17.7 12.1 18.1





#26

Benzo(a)pyrene

Concen: 0.370 ng/ul

RT: 23.871 min Scan# 4971

Delta R.T. 0.006 min

Lab File: BM043857.D

Acq: 16 Jan 2024 11:09

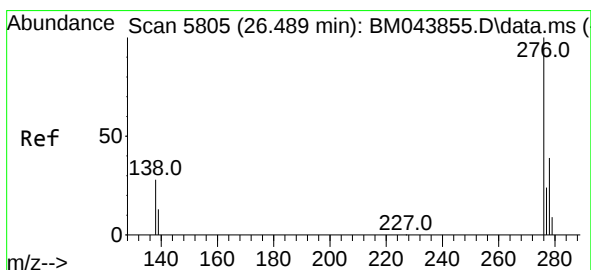
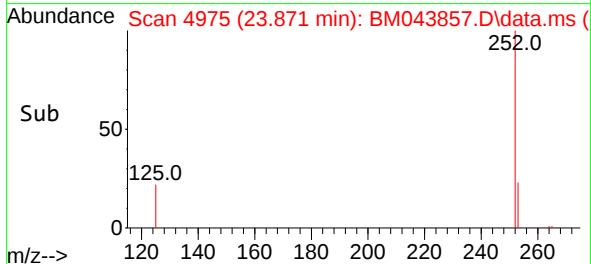
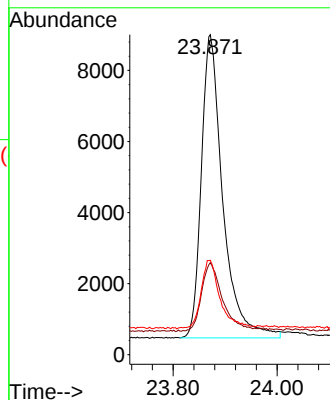
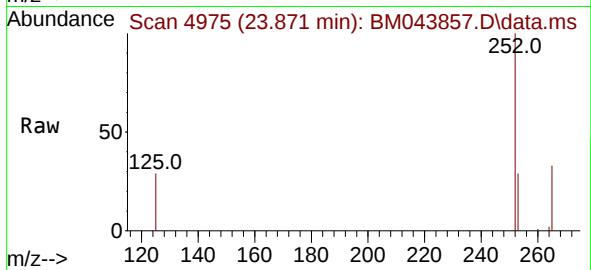
Instrument :

BNA_M

ClientSampleId :

SLCS427

Tgt Ion:	252	Resp:	24452
Ion Ratio	Lower	Upper	
252	100		
253	28.8	20.8	31.2
125	29.5	20.2	30.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.359 ng/ul

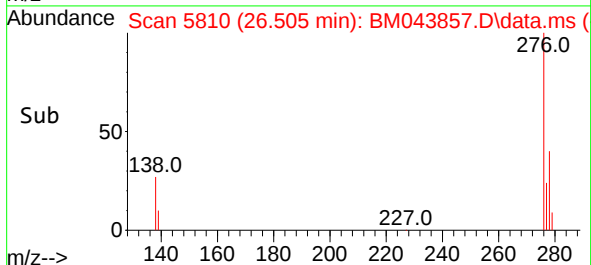
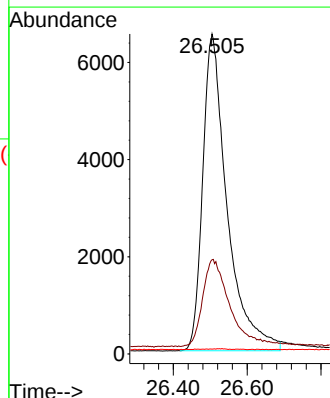
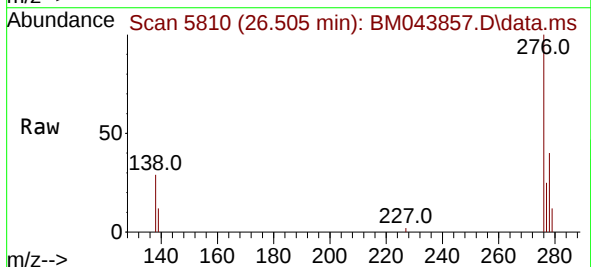
RT: 26.505 min Scan# 5810

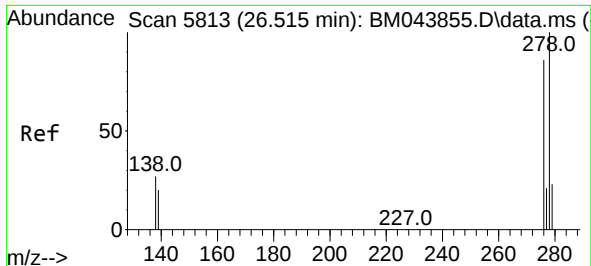
Delta R.T. 0.003 min

Lab File: BM043857.D

Acq: 16 Jan 2024 11:09

Tgt Ion:	276	Resp:	29972
Ion Ratio	Lower	Upper	
276	100		
138	30.6	23.5	35.3
227	0.0	0.2	0.2

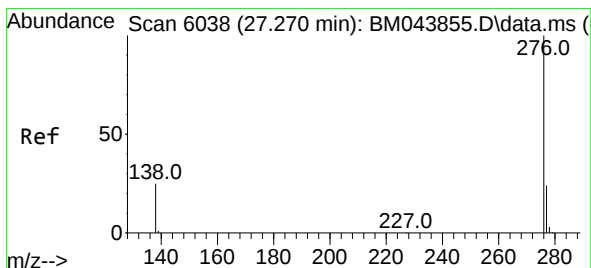
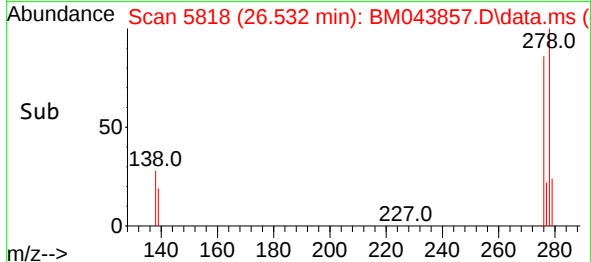
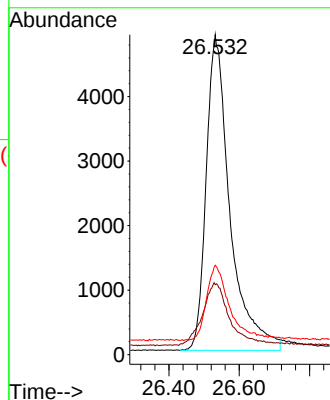
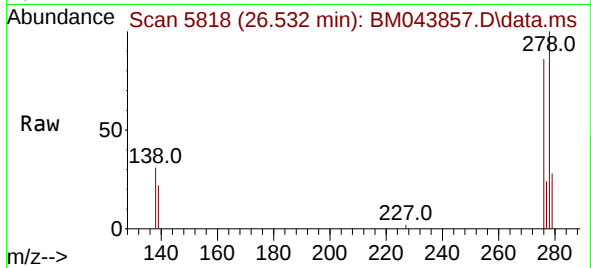




#28
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 26.532 min Scan# 5813
Delta R.T. 0.007 min
Lab File: BM043857.D
Acq: 16 Jan 2024 11:09

Instrument :
BNA_M
ClientSampleId :
SLCS427

Tgt Ion:278 Resp: 22907
Ion Ratio Lower Upper
278 100
139 21.9 18.1 27.1
279 27.9 20.6 30.8



#29
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 27.283 min Scan# 6042
Delta R.T. 0.003 min
Lab File: BM043857.D
Acq: 16 Jan 2024 11:09

Tgt Ion:276 Resp: 25027
Ion Ratio Lower Upper
276 100
138 28.2 21.0 31.4
277 24.5 19.8 29.6

