

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092123\
 Data File : BM041957.D
 Acq On : 21 Sep 2023 15:05
 Operator : MA/JU
 Sample : PB155503BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS503

Quant Time: Sep 21 15:49:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 16 03:49:33 2023
 Response via : Initial Calibration

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

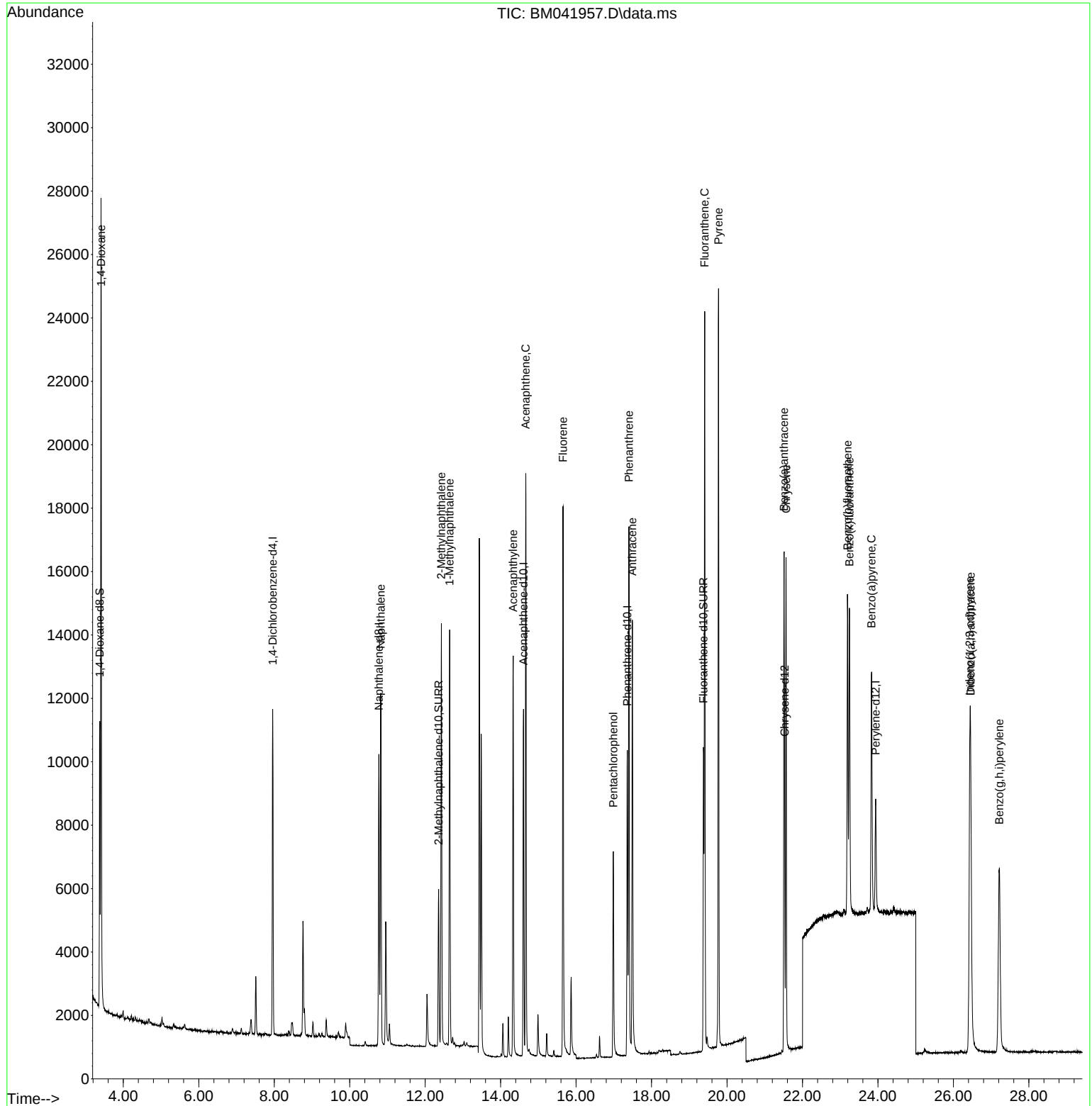
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	5077	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.773	136	11814	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.606	164	5651	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	10802	0.400	ng/ul	-0.01
17) Chrysene-d12	21.527	240	4724	0.400	ng/ul	#-0.01
23) Perylene-d12	23.941	264	4991	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	4980	0.837	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	6431	0.397	ng/ul	-0.01
18) Fluoranthene-d10	19.375	212	9029	0.518	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	15254	2.465	ng/ul#	80
5) Naphthalene	10.823	128	15117	0.389	ng/ul	100
7) 2-Methylnaphthalene	12.429	142	9353	0.379	ng/ul	98
8) 1-Methylnaphthalene	12.649	142	9077	0.362	ng/ul	100
10) Acenaphthylene	14.333	152	14901	0.384	ng/ul	99
11) Acenaphthene	14.666	153	10678	0.398	ng/ul	98
12) Fluorene	15.656	166	12030	0.384	ng/ul	97
14) Pentachlorophenol	16.987	266	4647	0.724	ng/ul	99
15) Phenanthrene	17.400	178	18241	0.416	ng/ul	99
16) Anthracene	17.489	178	16255	0.389	ng/ul	100
19) Fluoranthene	19.408	202	19003	0.535	ng/ul	96
20) Pyrene	19.775	202	19495	0.525	ng/ul	97
21) Benzo(a)anthracene	21.509	228	13194	0.449	ng/ul	99
22) Chrysene	21.565	228	13190	0.479	ng/ul	99
24) Benzo(b)fluoranthene	23.193	252	13201	0.466	ng/ul	97
25) Benzo(k)fluoranthene	23.246	252	13199	0.484	ng/ul	96
26) Benzo(a)pyrene	23.830	252	12157	0.509	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.434	276	16145	0.510	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.458	278	12032	0.510	ng/ul	99
29) Benzo(g,h,i)perylene	27.219	276	13631	0.527	ng/ul	96

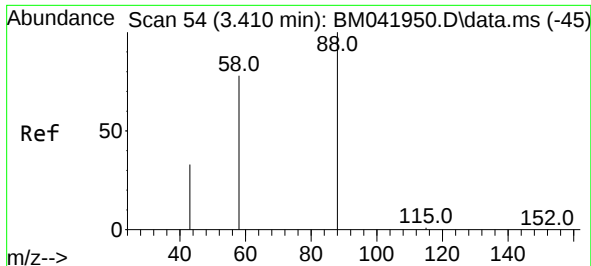
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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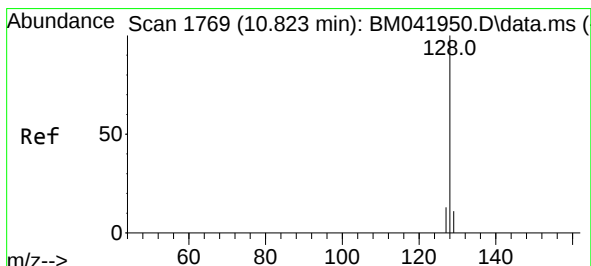
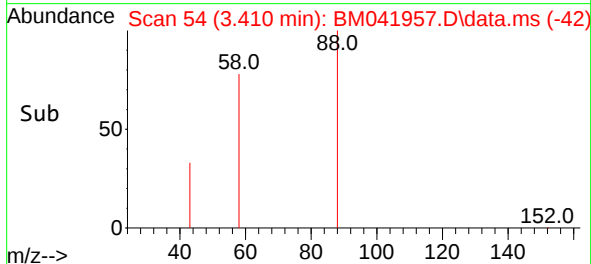
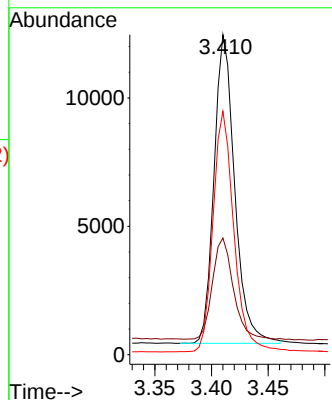
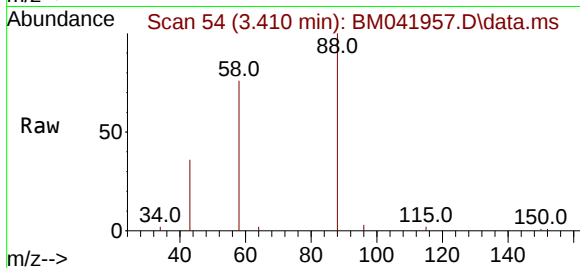




#2
1,4-Dioxane
Concen: 2.465 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. -0.008 min
Lab File: BM041957.D
Acq: 21 Sep 2023 15:05

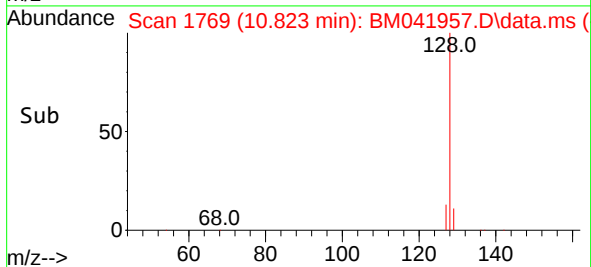
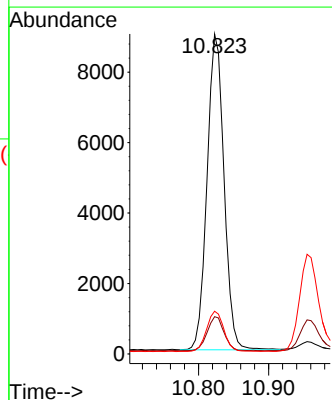
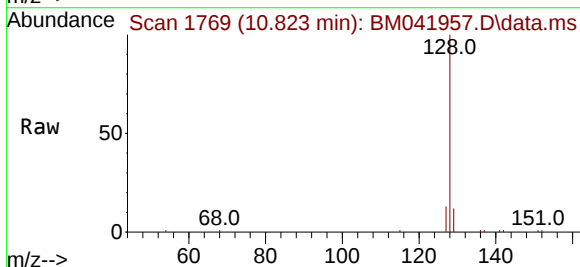
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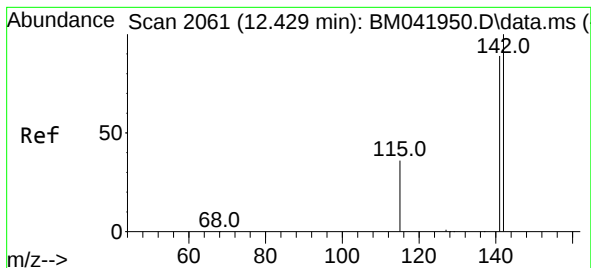
Tgt Ion: 88 Resp: 15254
Ion Ratio Lower Upper
88 100
43 36.5 51.0 76.4#
58 76.1 56.2 84.4



#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. -0.017 min
Lab File: BM041957.D
Acq: 21 Sep 2023 15:05

Tgt Ion: 128 Resp: 15117
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.3 10.6 16.0

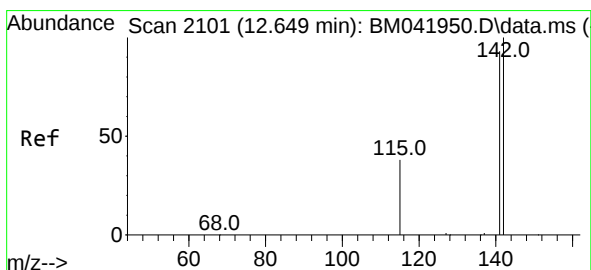
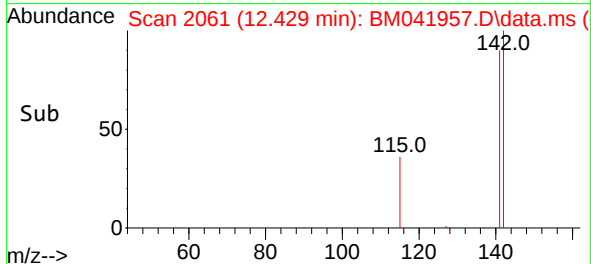
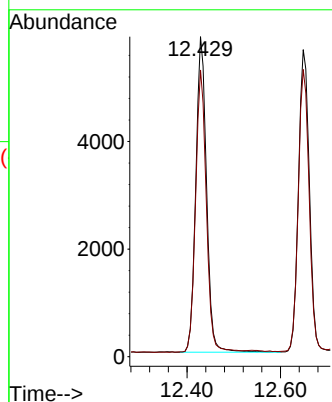
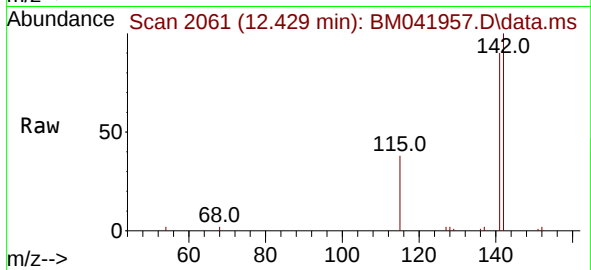




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.429 min Scan# 2061
Delta R.T. -0.017 min
Lab File: BM041957.D
Acq: 21 Sep 2023 15:05

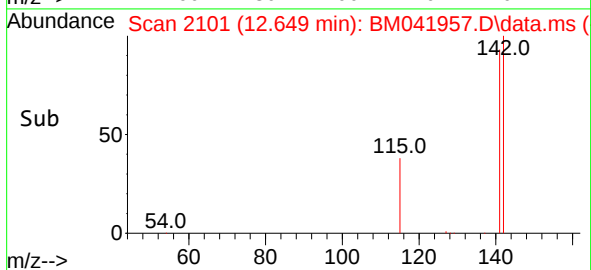
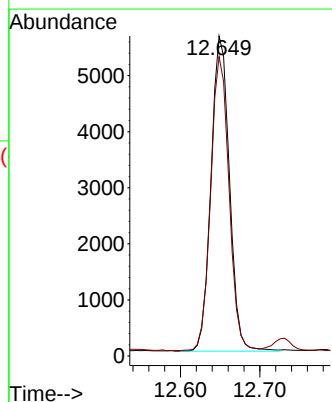
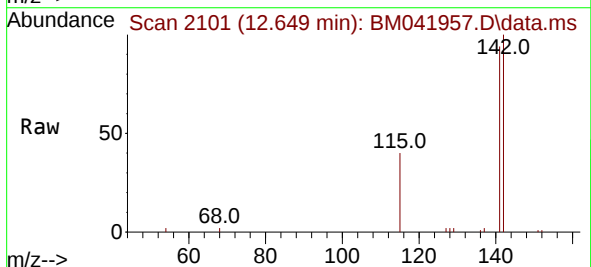
Instrument :
BNA_M
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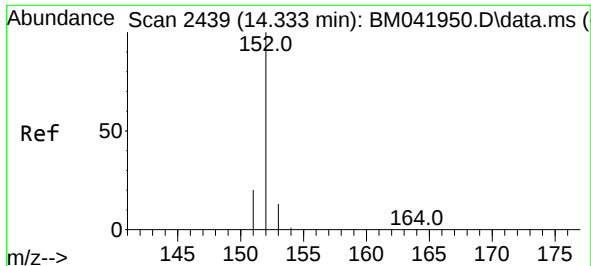
Tgt Ion:142 Resp: 9353
Ion Ratio Lower Upper
142 100
141 91.1 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.649 min Scan# 2101
Delta R.T. -0.017 min
Lab File: BM041957.D
Acq: 21 Sep 2023 15:05

Tgt Ion:142 Resp: 9077
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9

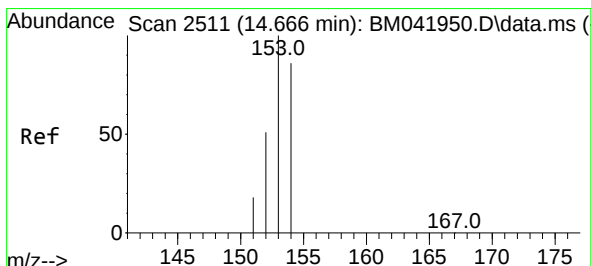
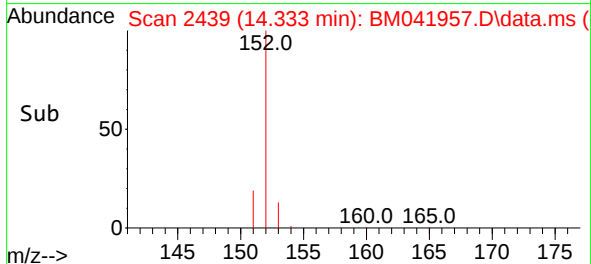
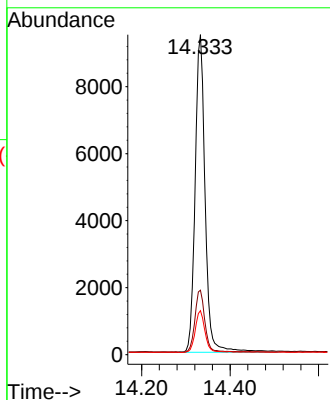
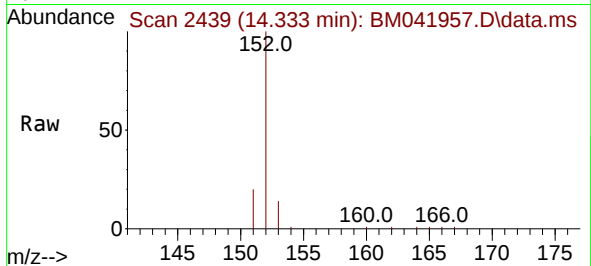




#10
Acenaphthylene
Concen: 0.384 ng/ul
RT: 14.333 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BM041957.D
Acq: 21 Sep 2023 15:05

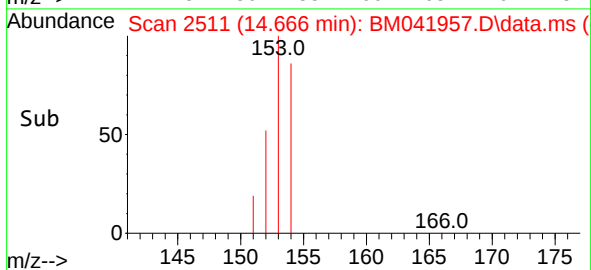
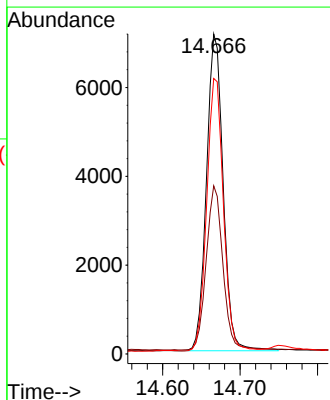
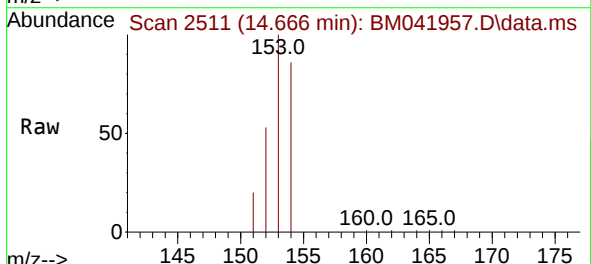
Instrument :
BNA_M
ClientSampleId :
SLCS503

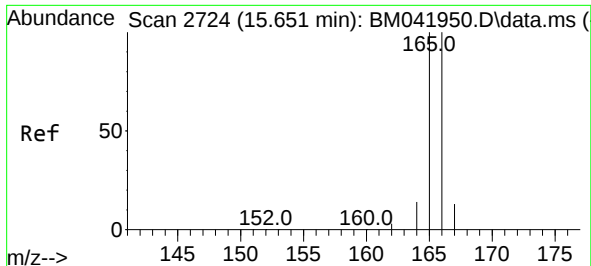
Tgt Ion:152 Resp: 14901
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.8 10.6 16.0



#11
Acenaphthene
Concen: 0.398 ng/ul
RT: 14.666 min Scan# 2511
Delta R.T. -0.014 min
Lab File: BM041957.D
Acq: 21 Sep 2023 15:05

Tgt Ion:153 Resp: 10678
Ion Ratio Lower Upper
153 100
152 52.6 40.5 60.7
154 86.1 70.2 105.4

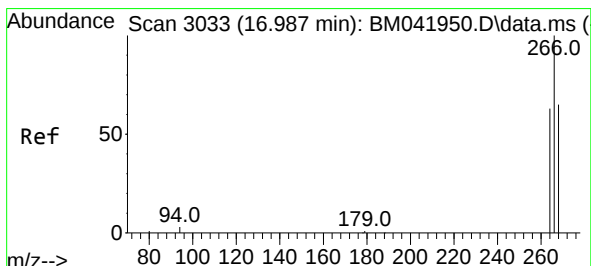
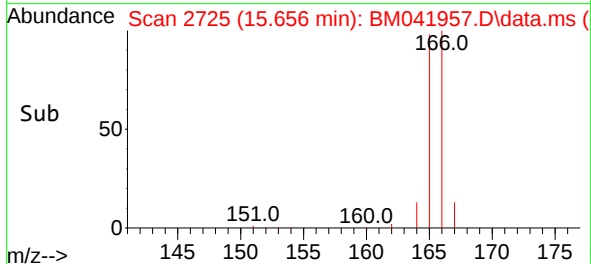
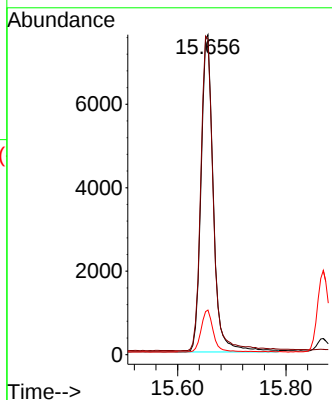
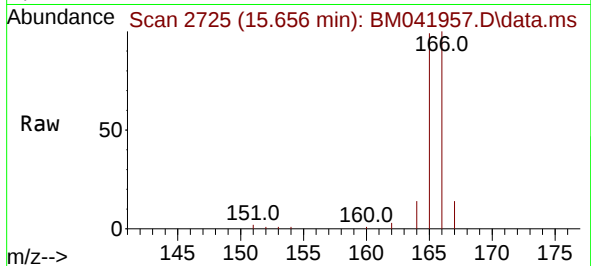




#12
 Fluorene
 Concen: 0.384 ng/ul
 RT: 15.656 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BM041957.D
 Acq: 21 Sep 2023 15:05

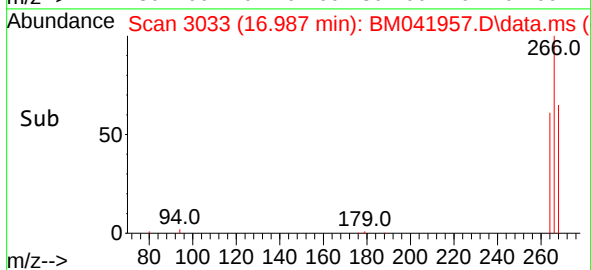
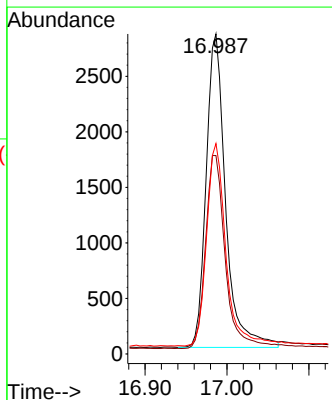
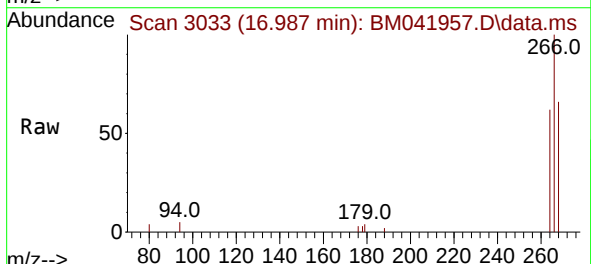
Instrument :
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 ClientSampleId :
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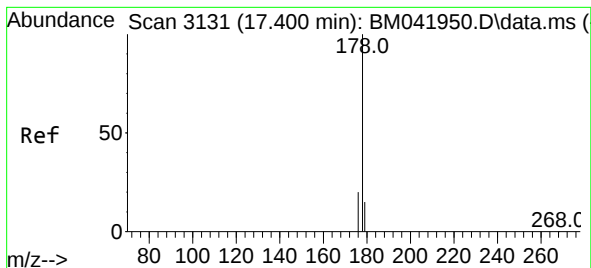
Tgt Ion:	166	Resp:	12030
Ion	Ratio	Lower	Upper
166	100		
165	98.6	81.4	122.0
167	14.0	11.0	16.6



#14
 Pentachlorophenol
 Concen: 0.724 ng/ul
 RT: 16.987 min Scan# 3033
 Delta R.T. -0.008 min
 Lab File: BM041957.D
 Acq: 21 Sep 2023 15:05

Tgt Ion:	266	Resp:	4647
Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.8	74.8
268	64.5	51.3	76.9





#15

Phenanthrene

Concen: 0.416 ng/ul

RT: 17.400 min Scan# 3131

Delta R.T. -0.013 min

Lab File: BM041957.D

Acq: 21 Sep 2023 15:05

Instrument :

BNA_M

ClientSampleId :

SLCS503

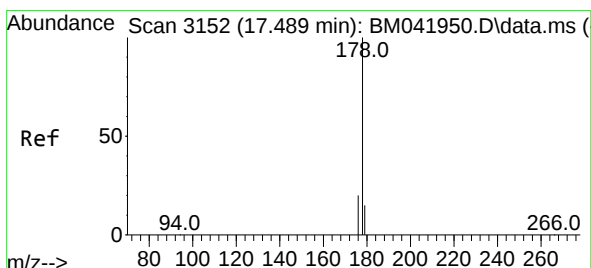
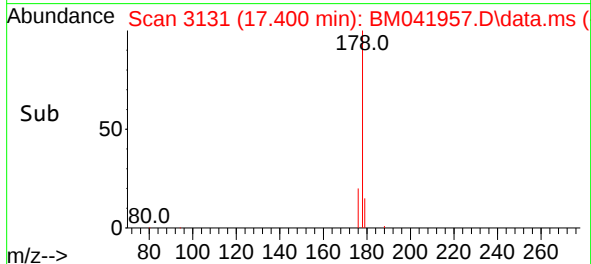
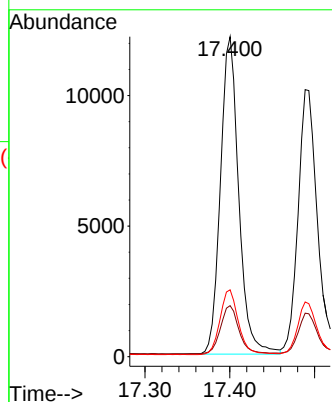
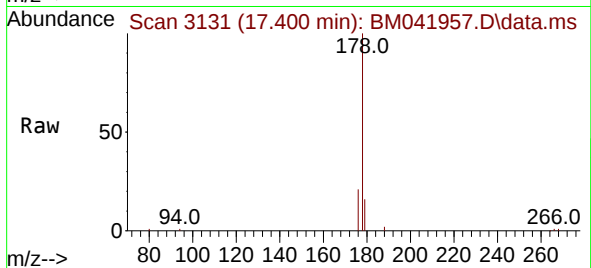
Tgt Ion:178 Resp: 18241

Ion Ratio Lower Upper

178 100

179 16.0 12.6 18.8

176 20.9 16.1 24.1



#16

Anthracene

Concen: 0.389 ng/ul

RT: 17.489 min Scan# 3152

Delta R.T. -0.013 min

Lab File: BM041957.D

Acq: 21 Sep 2023 15:05

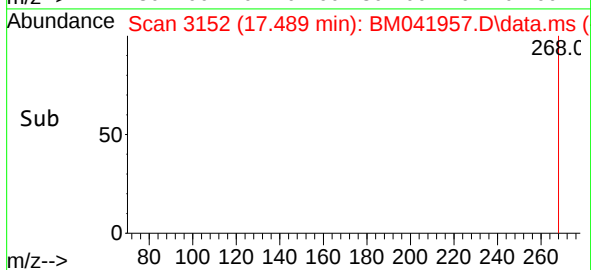
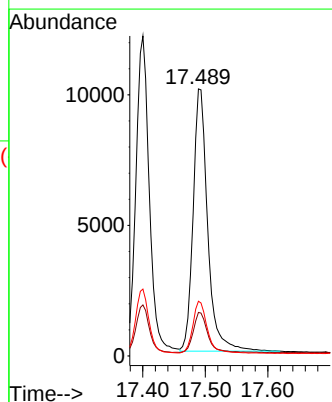
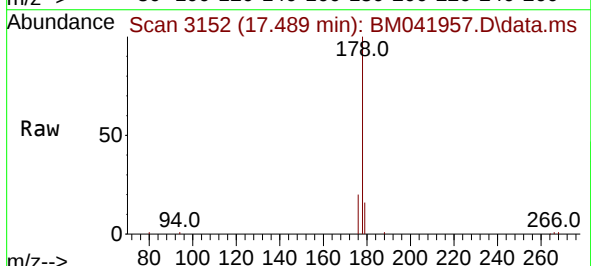
Tgt Ion:178 Resp: 16255

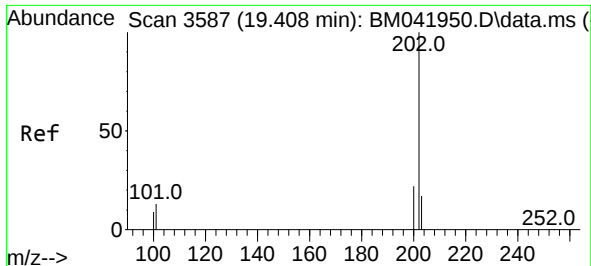
Ion Ratio Lower Upper

178 100

179 16.3 12.9 19.3

176 20.5 16.3 24.5

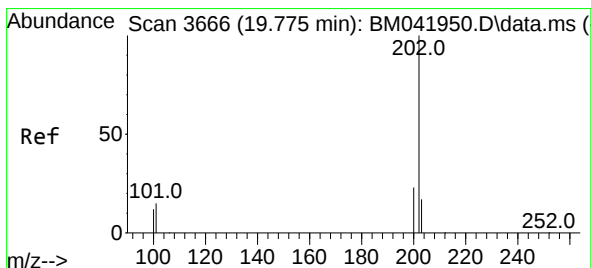
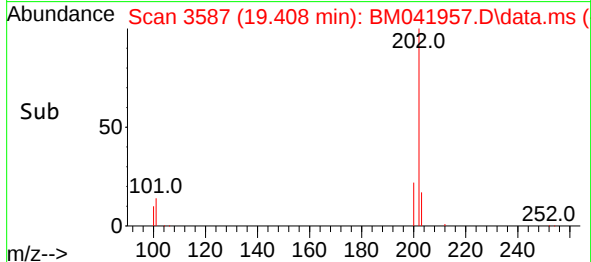
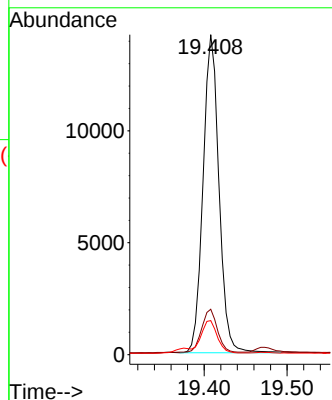
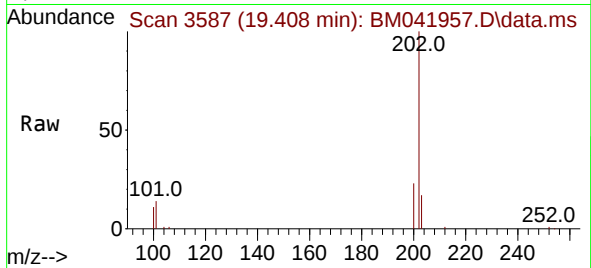




#19
Fluoranthene
Concen: 0.535 ng/u1
RT: 19.408 min Scan# 3587
Delta R.T. -0.014 min
Lab File: BM041957.D
Acq: 21 Sep 2023 15:05

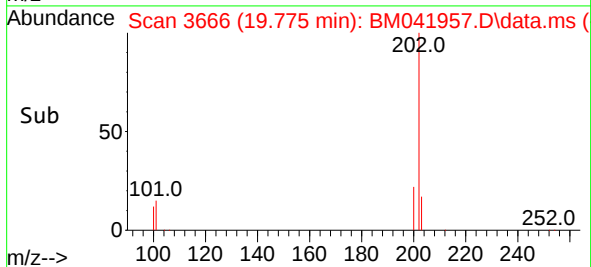
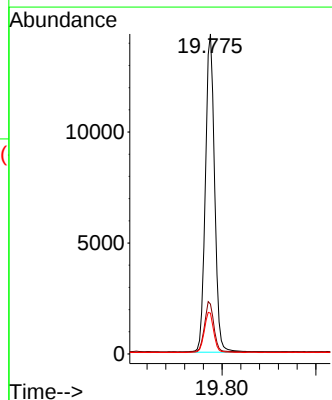
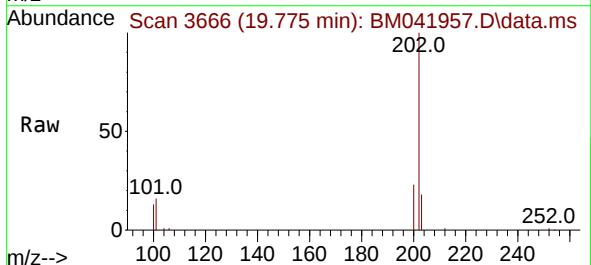
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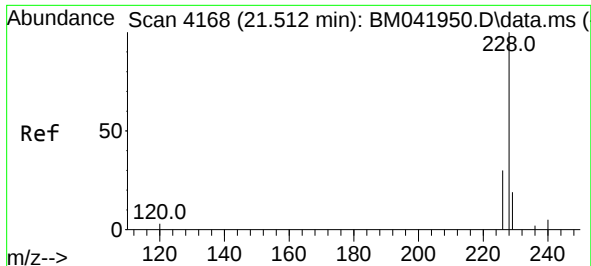
Tgt Ion:202 Resp: 19003
Ion Ratio Lower Upper
202 100
101 14.2 10.1 15.1
100 10.7 7.5 11.3



#20
Pyrene
Concen: 0.525 ng/u1
RT: 19.775 min Scan# 3666
Delta R.T. -0.014 min
Lab File: BM041957.D
Acq: 21 Sep 2023 15:05

Tgt Ion:202 Resp: 19495
Ion Ratio Lower Upper
202 100
101 15.6 11.8 17.6
100 12.7 9.3 13.9

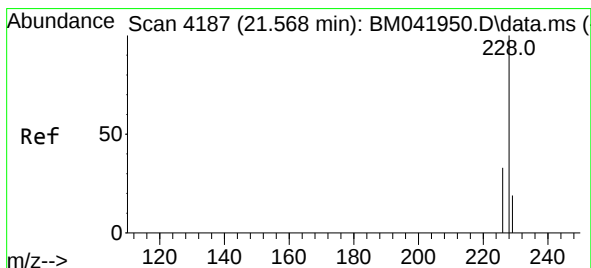
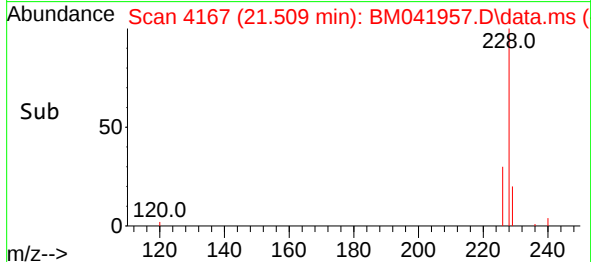
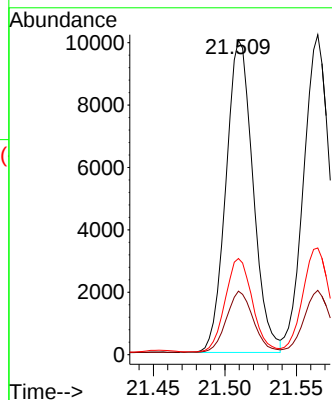
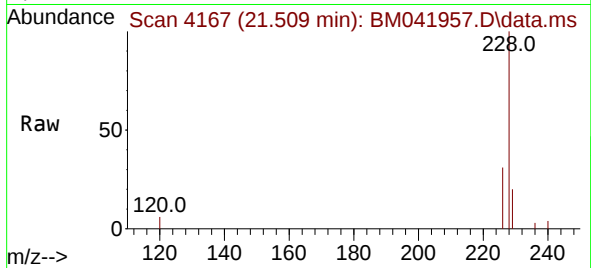




#21
Benzo(a)anthracene
Concen: 0.449 ng/ul
RT: 21.509 min Scan# 4167
Delta R.T. -0.015 min
Lab File: BM041957.D
Acq: 21 Sep 2023 15:05

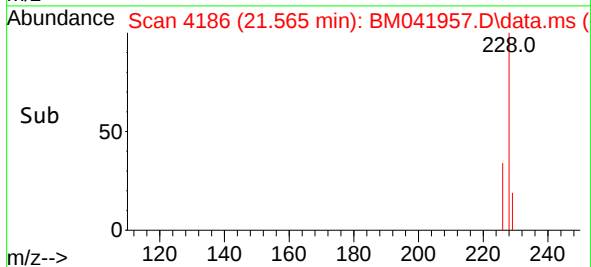
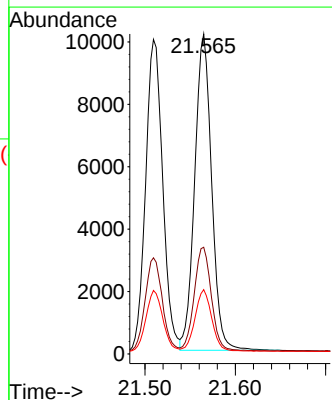
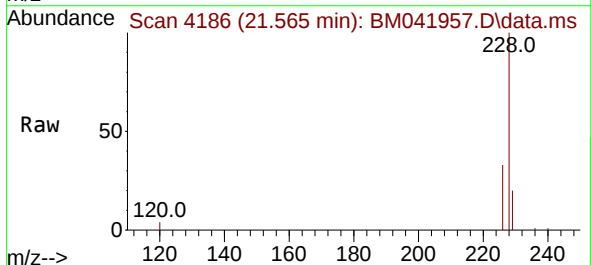
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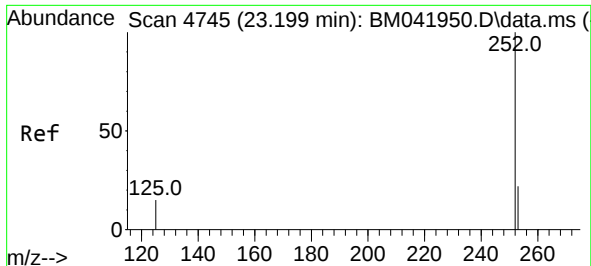
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Ion Ratio	Lower	Upper	
228	100		
229	20.2	16.6	24.8
226	30.6	24.6	37.0



#22
Chrysene
Concen: 0.479 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.012 min
Lab File: BM041957.D
Acq: 21 Sep 2023 15:05

Tgt Ion:	228	Resp:	13190
Ion Ratio	Lower	Upper	
228	100		
226	33.3	27.3	40.9
229	20.1	16.6	25.0

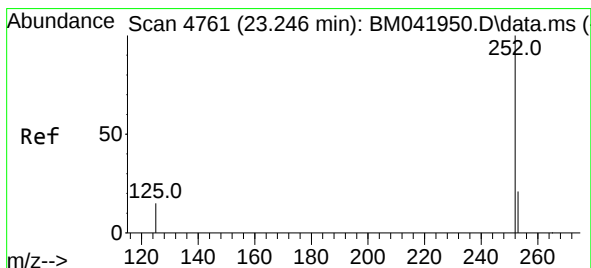
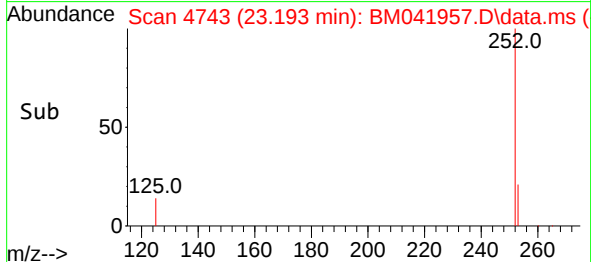
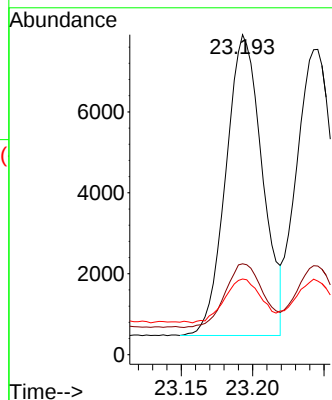
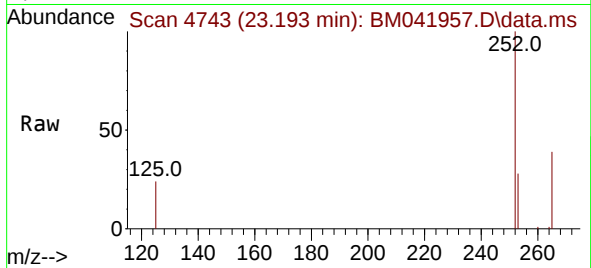




#24
Benzo(b)fluoranthene
Concen: 0.466 ng/ul
RT: 23.193 min Scan# 4743
Delta R.T. -0.021 min
Lab File: BM041957.D
Acq: 21 Sep 2023 15:05

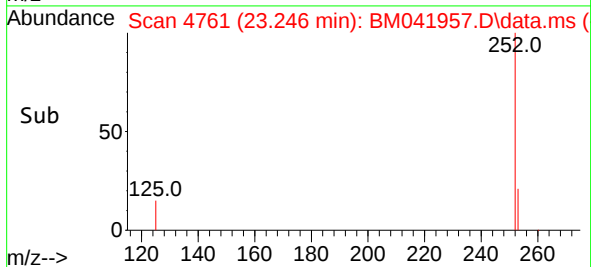
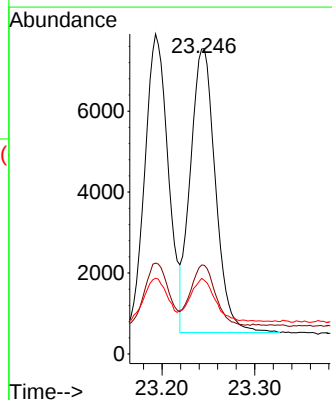
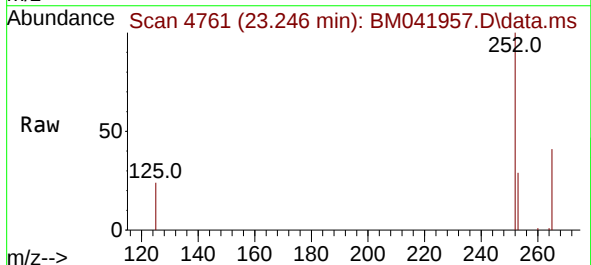
Instrument :
BNA_M
ClientSampleId :
SLCS503

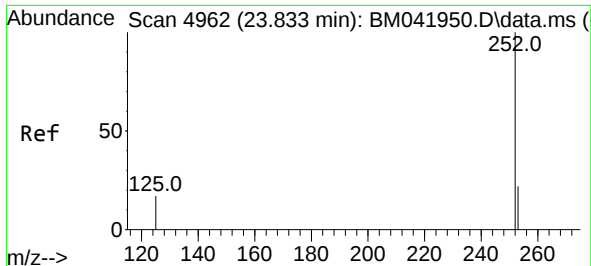
Tgt Ion:252	Resp:	13201
Ion Ratio	Lower	Upper
252	100	
253	28.4	0.0 54.6
125	23.7	0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.484 ng/ul
RT: 23.246 min Scan# 4761
Delta R.T. -0.018 min
Lab File: BM041957.D
Acq: 21 Sep 2023 15:05

Tgt Ion:252	Resp:	13199
Ion Ratio	Lower	Upper
252	100	
253	29.0	21.8 32.8
125	24.1	17.4 26.2

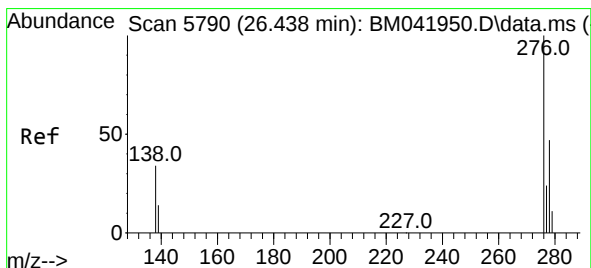
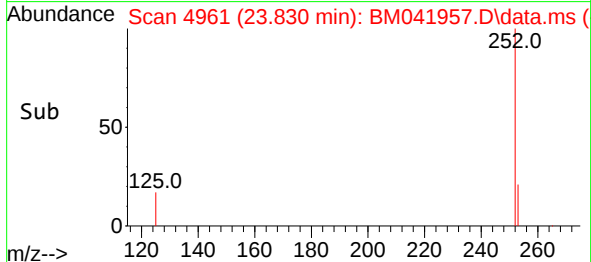
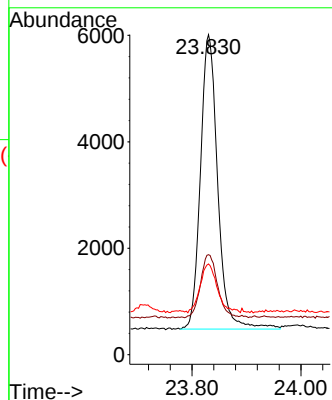
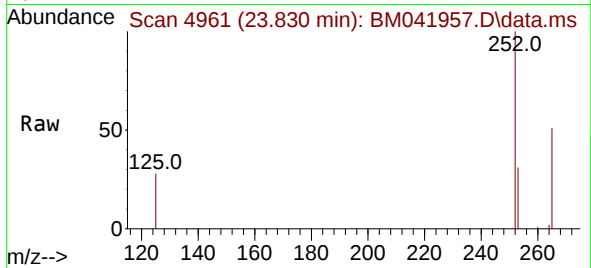




#26
Benzo(a)pyrene
Concen: 0.509 ng/ul
RT: 23.830 min Scan# 4962
Delta R.T. -0.021 min
Lab File: BM041957.D
Acq: 21 Sep 2023 15:05

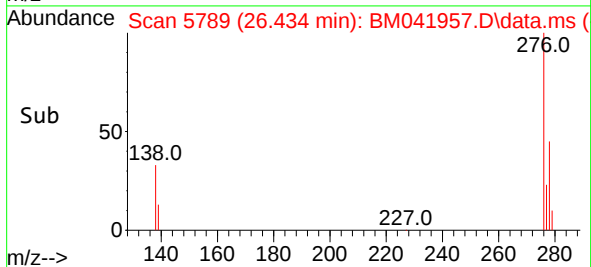
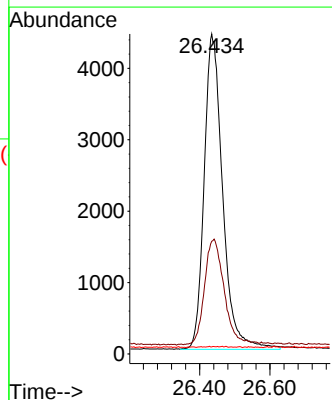
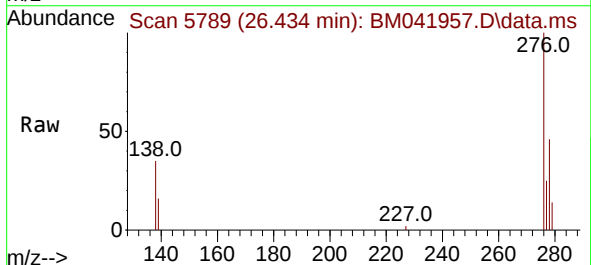
Instrument :
BNA_M
ClientSampleId :
SLCS503

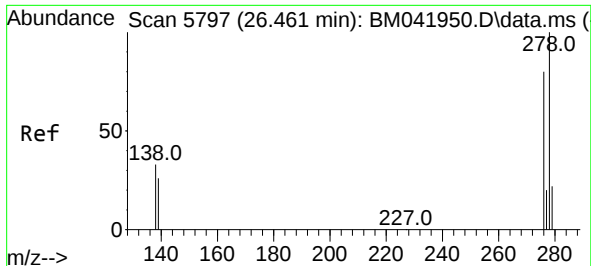
Tgt Ion:	252	Resp:	12157
Ion Ratio	Lower	Upper	
252	100		
253	31.2	23.0	34.4
125	28.4	19.9	29.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.510 ng/ul
RT: 26.434 min Scan# 5789
Delta R.T. -0.034 min
Lab File: BM041957.D
Acq: 21 Sep 2023 15:05

Tgt Ion:	276	Resp:	16145
Ion Ratio	Lower	Upper	
276	100		
138	35.4	26.7	40.1
227	0.1	0.0	0.0

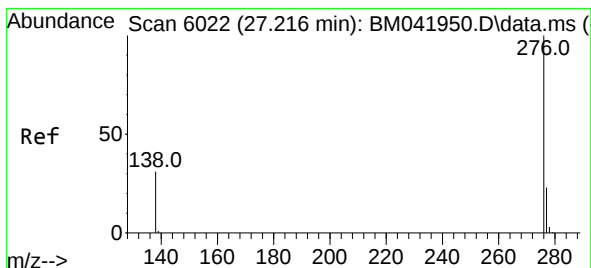
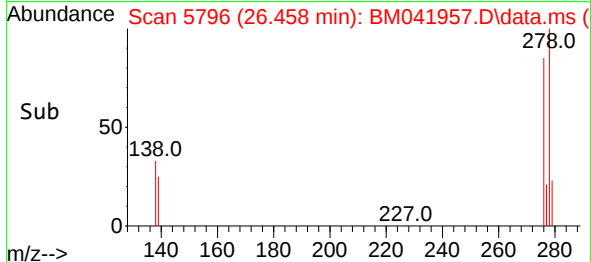
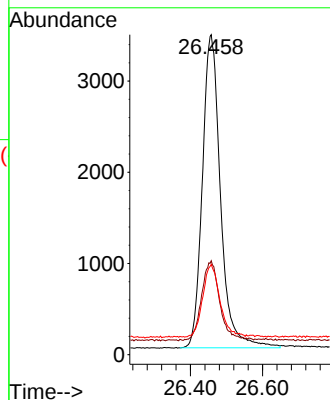
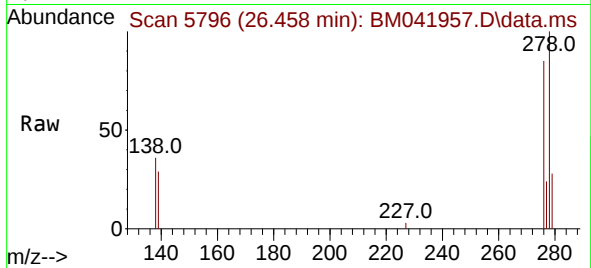




#28
Dibenzo(a,h)anthracene
Concen: 0.510 ng/ul
RT: 26.458 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM041957.D
Acq: 21 Sep 2023 15:05

Instrument :
BNA_M
ClientSampleId :
SLCS503

Tgt Ion:278 Resp: 12032
Ion Ratio Lower Upper
278 100
139 29.4 22.6 33.8
279 28.2 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.527 ng/ul
RT: 27.219 min Scan# 6023
Delta R.T. -0.037 min
Lab File: BM041957.D
Acq: 21 Sep 2023 15:05

Tgt Ion:276 Resp: 13631
Ion Ratio Lower Upper
276 100
138 33.7 24.9 37.3
277 25.3 21.4 32.0

