

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
 Data File : BM040806.D
 Acq On : 11 Jul 2023 10:57
 Operator : MA/JU
 Sample : PB153941BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS941

Quant Time: Jul 12 04:32:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 03:54:24 2023
 Response via : Initial Calibration

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

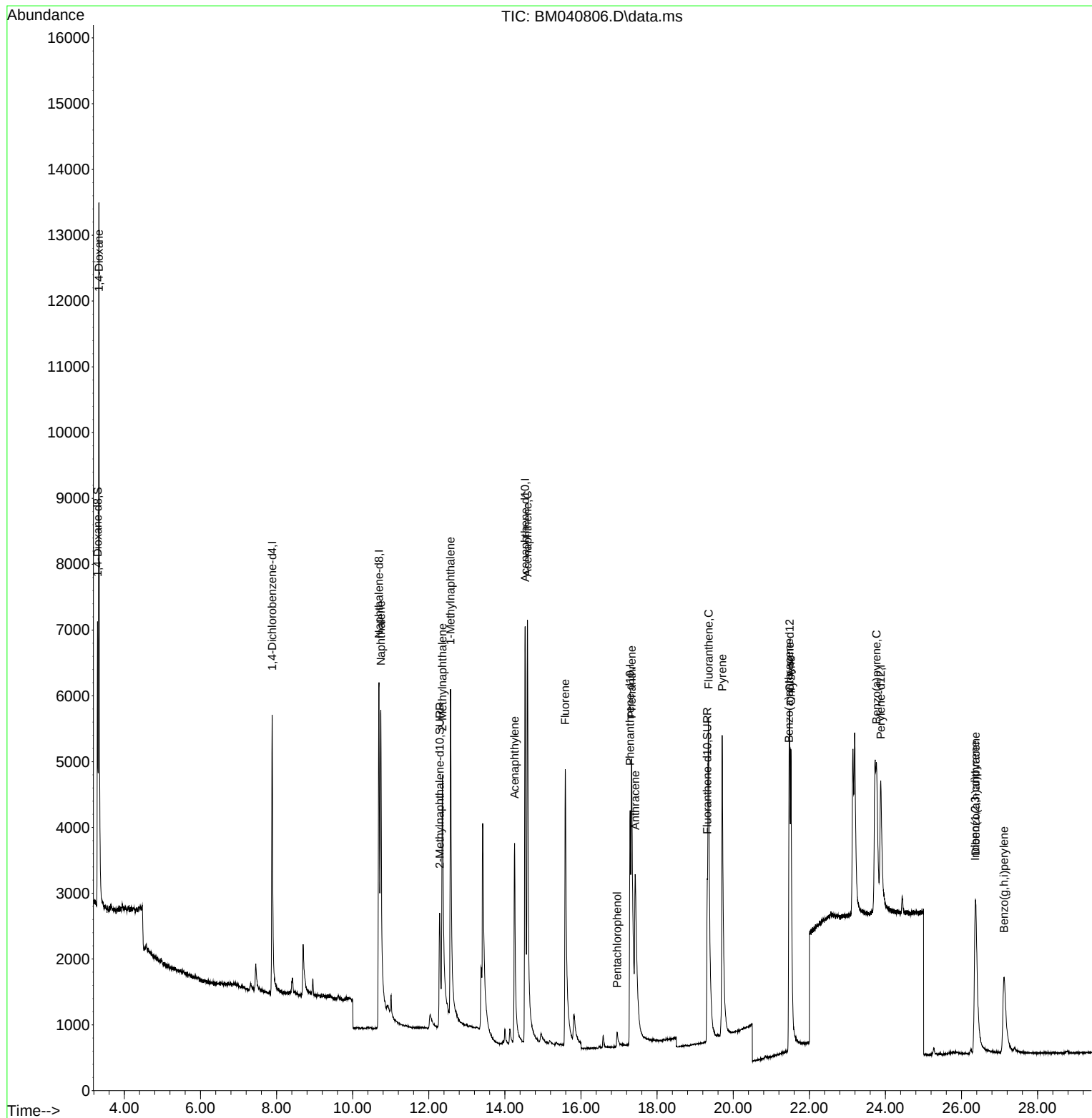
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	2909	0.400	ng/ul	0.00
4) Naphthalene-d8	10.691	136	11267	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.532	164	4855	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	7681	0.400	ng/ul	0.00
17) Chrysene-d12	21.483	240	5091	0.400	ng/ul	0.00
23) Perylene-d12	23.880	264	3701	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2935	0.642	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	4457	0.282	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	5215	0.320	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.330	88	7066	1.519	ng/ul	90
5) Naphthalene	10.741	128	9052	0.291	ng/ul	98
7) 2-Methylnaphthalene	12.357	142	5078	0.278	ng/ul	97
8) 1-Methylnaphthalene	12.572	142	4792	0.263	ng/ul	98
10) Acenaphthylene	14.254	152	5962	0.275	ng/ul	94
11) Acenaphthene	14.597	153	5213	0.285	ng/ul	97
12) Fluorene	15.587	166	5359	0.274	ng/ul	96
14) Pentachlorophenol	16.949	266	325	0.220	ng/ul	87
15) Phenanthrene	17.333	178	6830	0.286	ng/ul	95
16) Anthracene	17.426	178	6085	0.303	ng/ul#	92
19) Fluoranthene	19.352	202	6726	0.311	ng/ul	97
20) Pyrene	19.710	202	7307	0.315	ng/ul	96
21) Benzo(a)anthracene	21.466	228	4556	0.265	ng/ul	97
22) Chrysene	21.518	228	5695	0.290	ng/ul	97
26) Benzo(a)pyrene	23.769	252	4084	0.317	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.361	276	4926	0.274	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.371	278	3848	0.274	ng/ul#	84
29) Benzo(g,h,i)perylene	27.115	276	4615	0.293	ng/ul	91

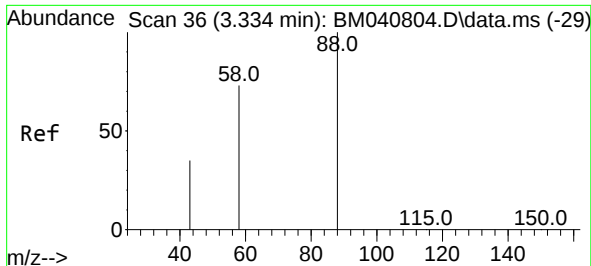
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
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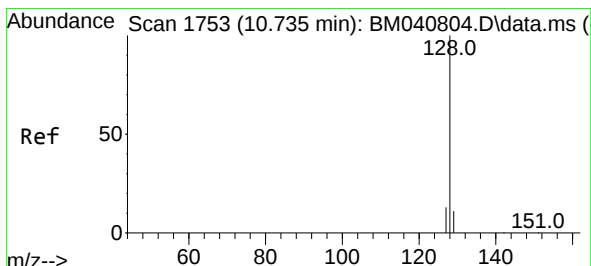
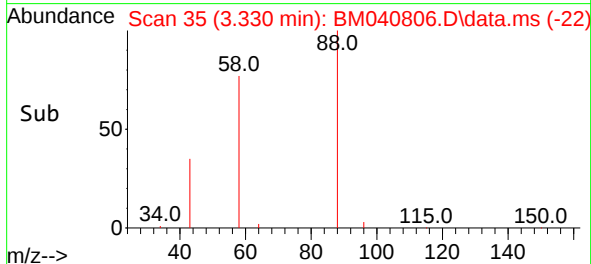
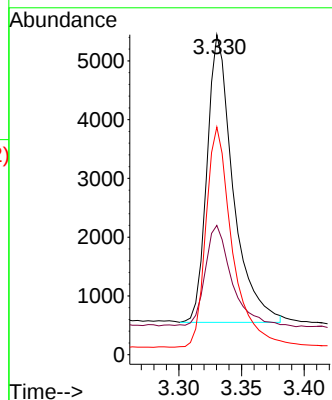
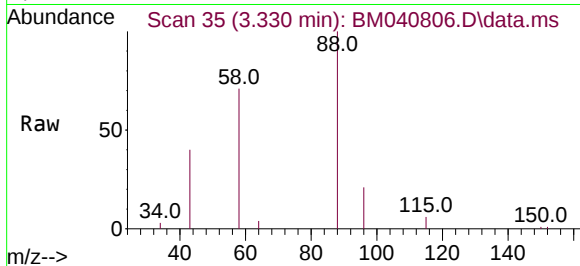




#2
1,4-Dioxane
Concen: 1.519 ng/ul
RT: 3.330 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

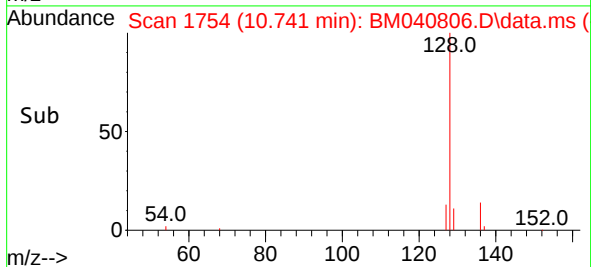
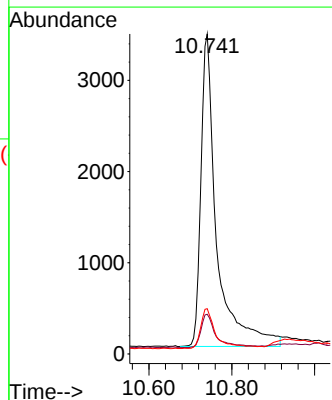
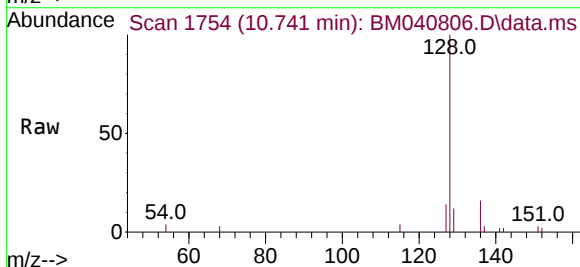
Instrument :
BNA_M
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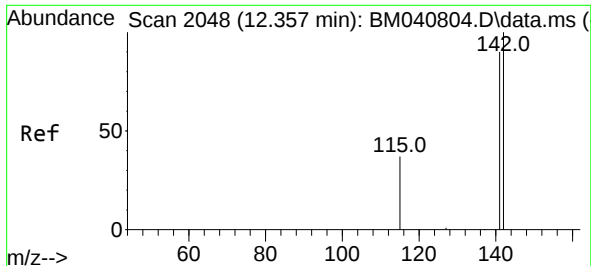
Tgt Ion: 88 Resp: 7066
Ion Ratio Lower Upper
88 100
43 40.4 36.1 54.1
58 71.1 49.8 74.8



#5
Naphthalene
Concen: 0.291 ng/ul
RT: 10.741 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

Tgt Ion: 128 Resp: 9052
Ion Ratio Lower Upper
128 100
129 12.4 9.2 13.8
127 14.2 10.6 15.8

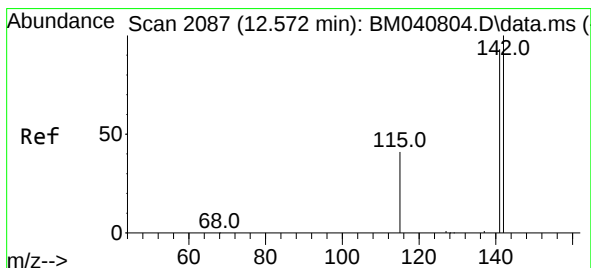
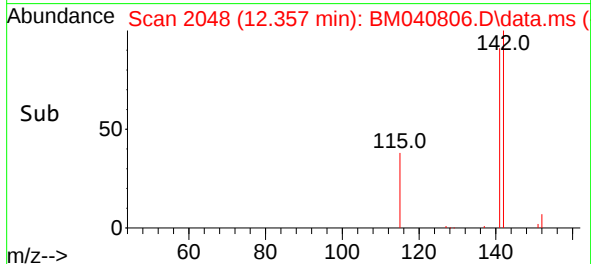
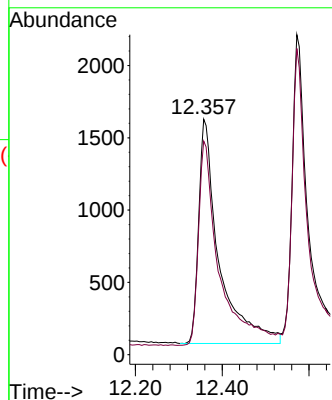
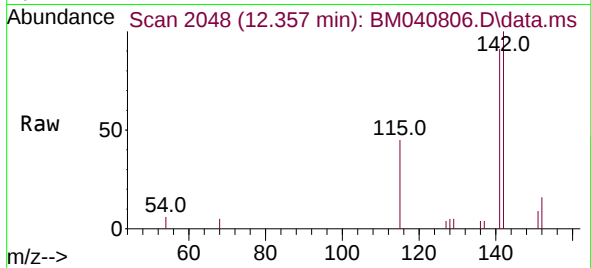




#7
2-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 12.357 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

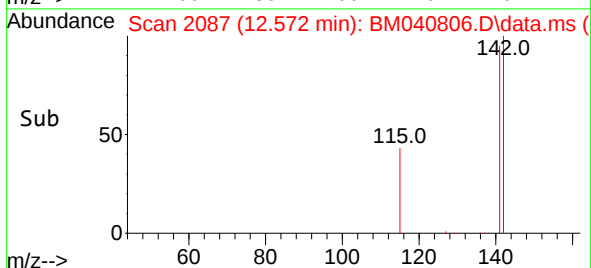
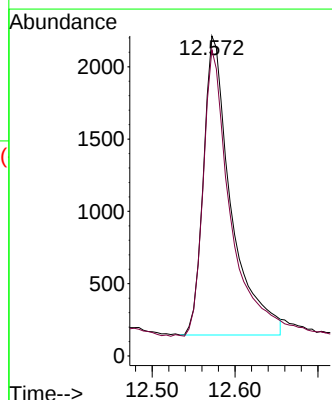
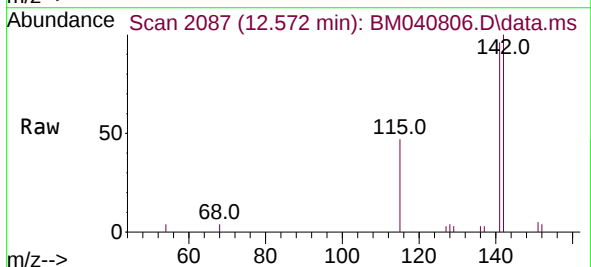
Instrument :
BNA_M
ClientSampleId :
SLCS941

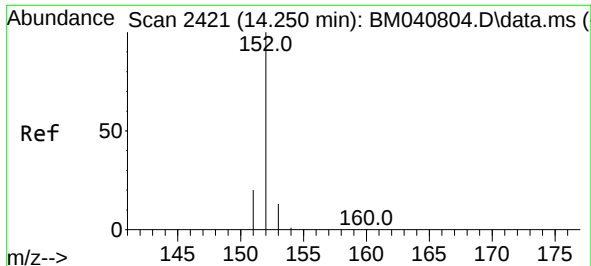
Tgt Ion:142 Resp: 5078
Ion Ratio Lower Upper
142 100
141 93.0 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.263 ng/ul
RT: 12.572 min Scan# 2087
Delta R.T. -0.005 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

Tgt Ion:142 Resp: 4792
Ion Ratio Lower Upper
142 100
141 94.2 73.7 110.5

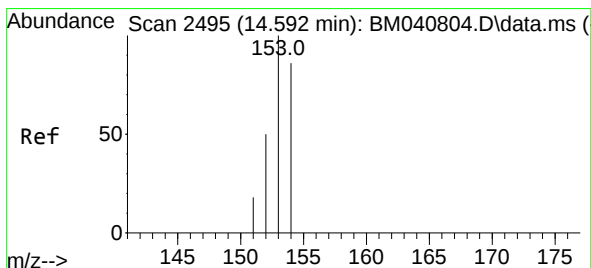
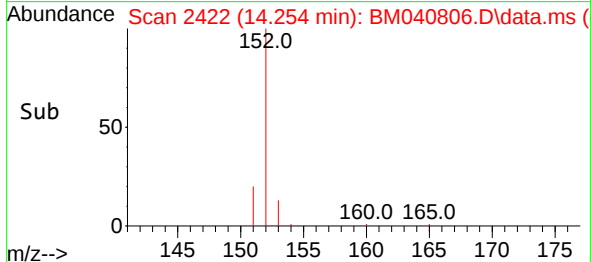
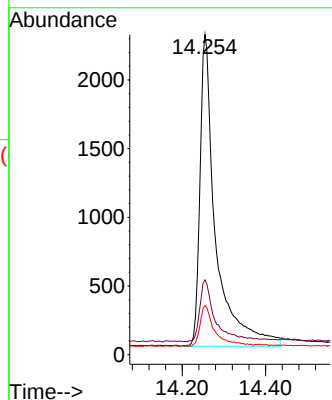
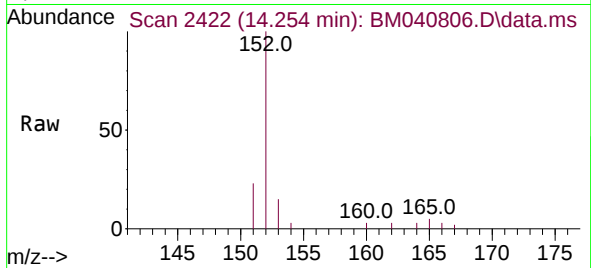




#10
Acenaphthylene
Concen: 0.275 ng/ul
RT: 14.254 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

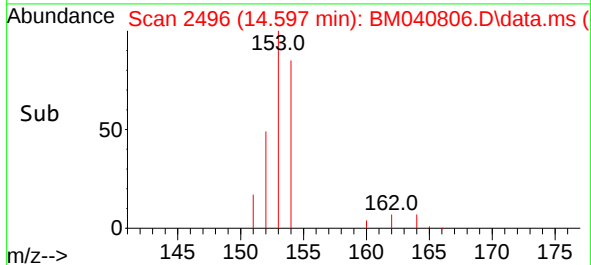
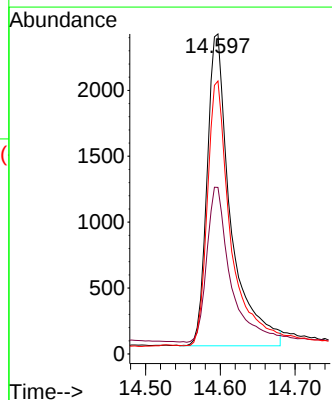
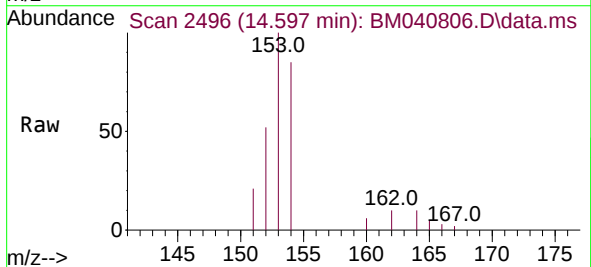
Instrument :
BNA_M
ClientSampleId :
SLCS941

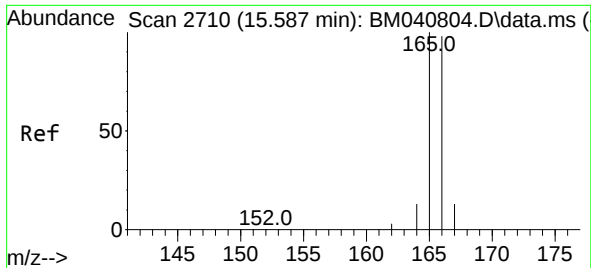
Tgt Ion:152 Resp: 5962
Ion Ratio Lower Upper
152 100
151 23.4 16.2 24.2
153 15.4 10.9 16.3



#11
Acenaphthene
Concen: 0.285 ng/ul
RT: 14.597 min Scan# 2496
Delta R.T. 0.000 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

Tgt Ion:153 Resp: 5213
Ion Ratio Lower Upper
153 100
152 52.1 41.0 61.4
154 85.3 70.8 106.2

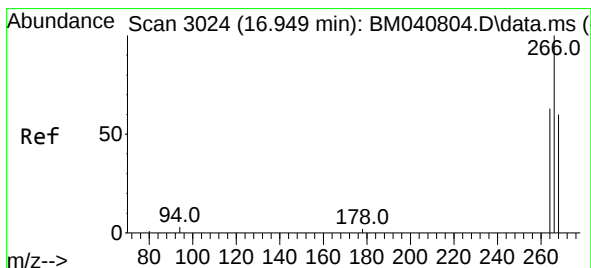
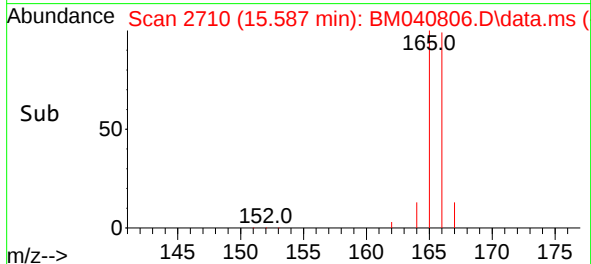
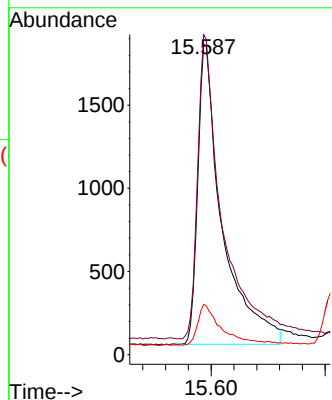
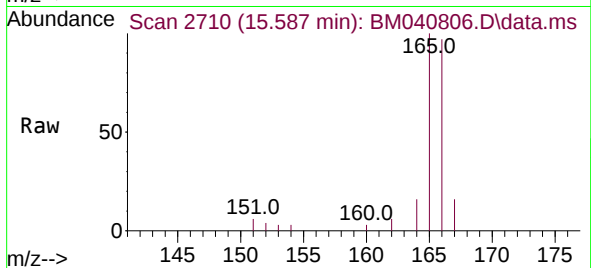




#12
 Fluorene
 Concen: 0.274 ng/ul
 RT: 15.587 min Scan# 2710
 Delta R.T. -0.004 min
 Lab File: BM040806.D
 Acq: 11 Jul 2023 10:57

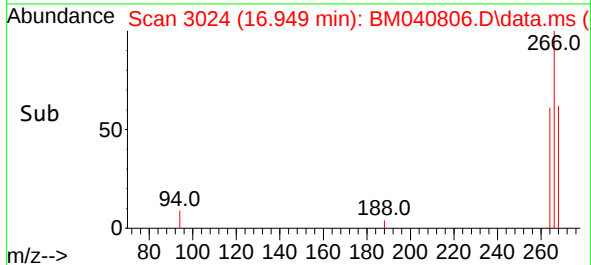
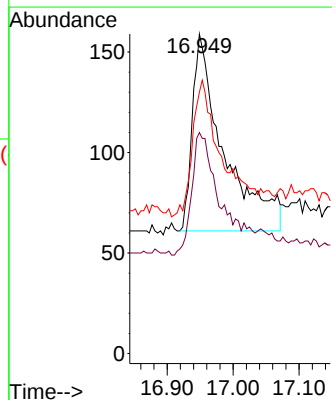
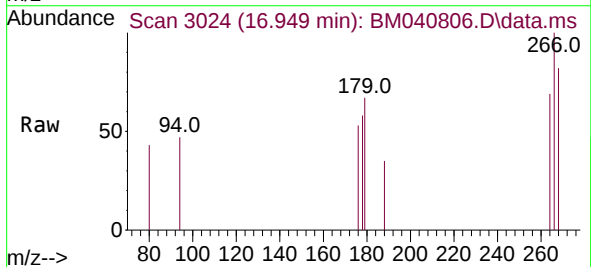
Instrument :
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 ClientSampleId :
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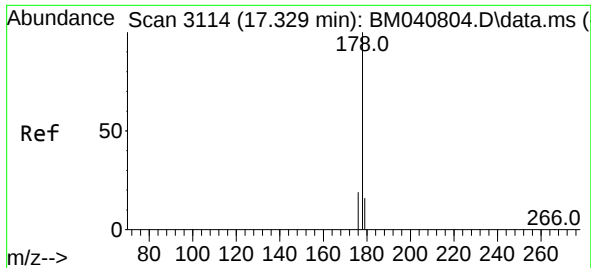
Tgt Ion:	166	Resp:	5359
Ion	Ratio	Lower	Upper
166	100		
165	103.1	79.6	119.4
167	16.2	11.4	17.0



#14
 Pentachlorophenol
 Concen: 0.220 ng/ul
 RT: 16.949 min Scan# 3024
 Delta R.T. -0.008 min
 Lab File: BM040806.D
 Acq: 11 Jul 2023 10:57

Tgt Ion:	266	Resp:	325
Ion	Ratio	Lower	Upper
266	100		
264	64.6	45.4	68.0
268	70.8	47.2	70.8

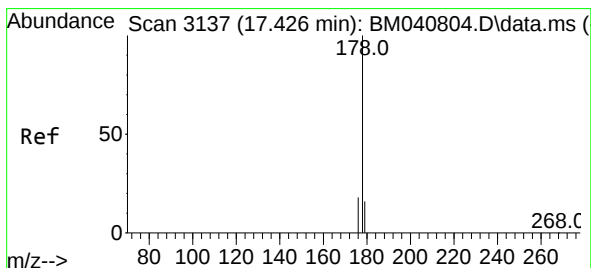
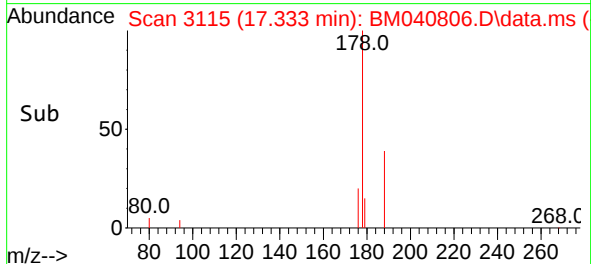
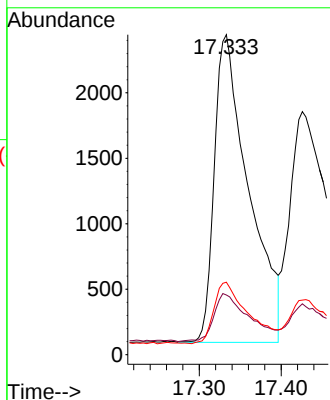
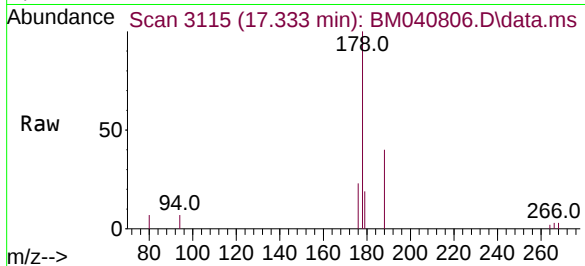




#15
Phenanthrene
Concen: 0.286 ng/ul
RT: 17.333 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

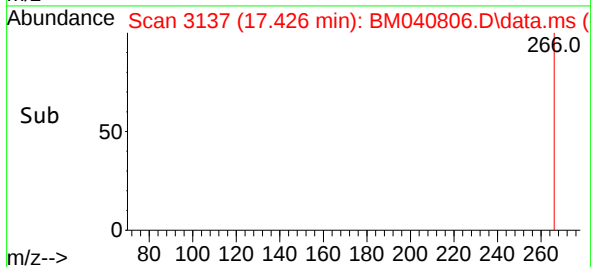
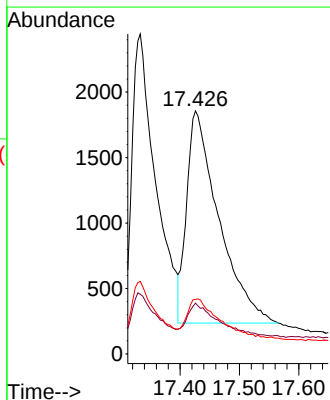
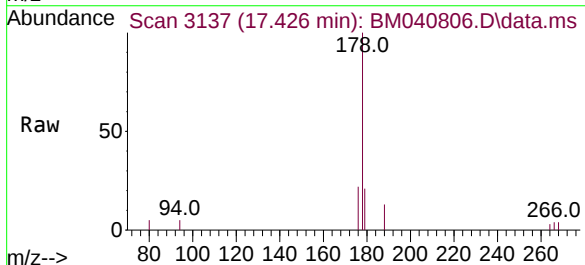
Instrument :
BNA_M
ClientSampleId :
SLCS941

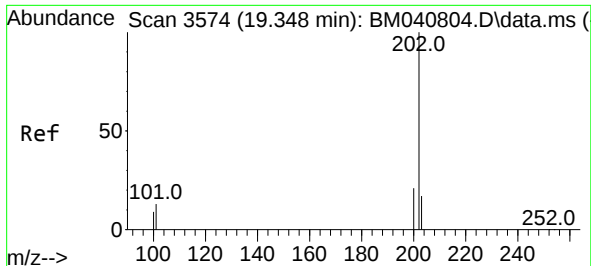
Tgt Ion:178 Resp: 6830
Ion Ratio Lower Upper
178 100
179 18.7 12.8 19.2
176 22.7 16.4 24.6



#16
Anthracene
Concen: 0.303 ng/ul
RT: 17.426 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

Tgt Ion:178 Resp: 6085
Ion Ratio Lower Upper
178 100
179 21.0 12.9 19.3#
176 22.5 15.8 23.6





#19

Fluoranthene

Concen: 0.311 ng/ul

RT: 19.352 min Scan# 3575

Delta R.T. 0.000 min

Lab File: BM040806.D

Acq: 11 Jul 2023 10:57

Instrument :

BNA_M

ClientSampleId :

SLCS941

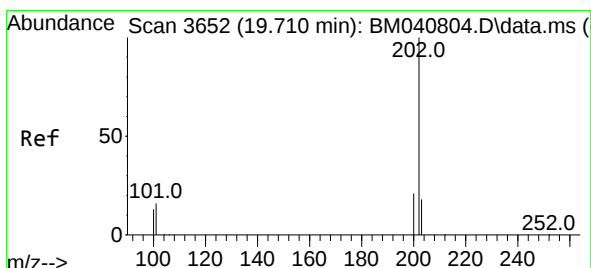
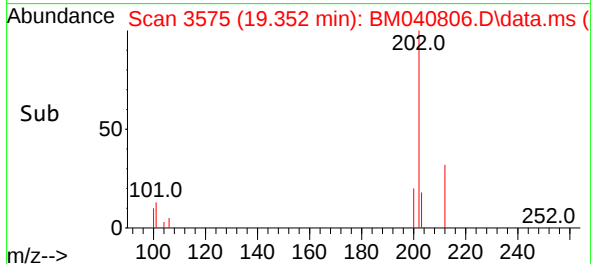
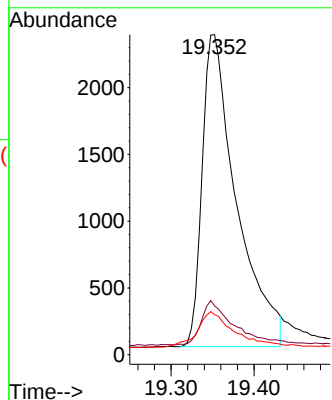
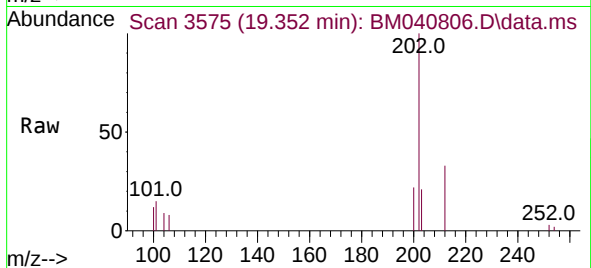
Tgt Ion:202 Resp: 6726

Ion Ratio Lower Upper

202 100

101 15.2 11.4 17.0

100 12.5 8.7 13.1



#20

Pyrene

Concen: 0.315 ng/ul

RT: 19.710 min Scan# 3652

Delta R.T. -0.004 min

Lab File: BM040806.D

Acq: 11 Jul 2023 10:57

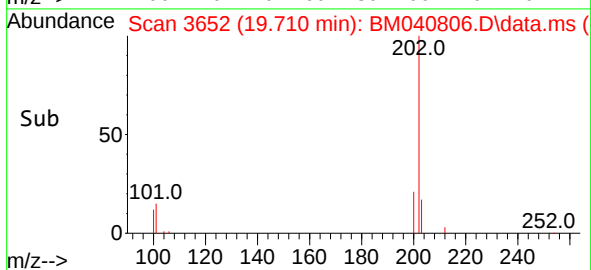
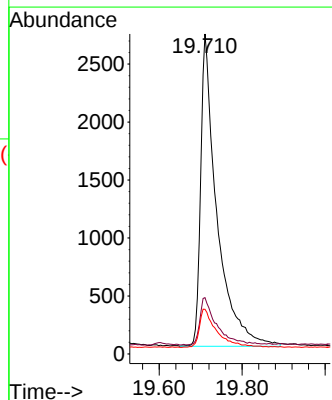
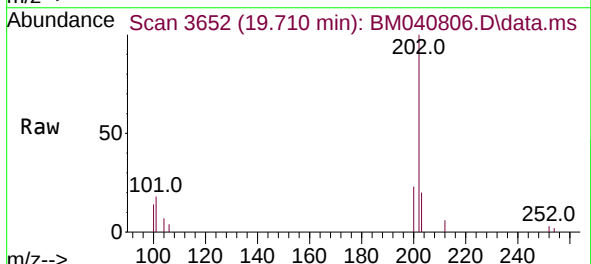
Tgt Ion:202 Resp: 7307

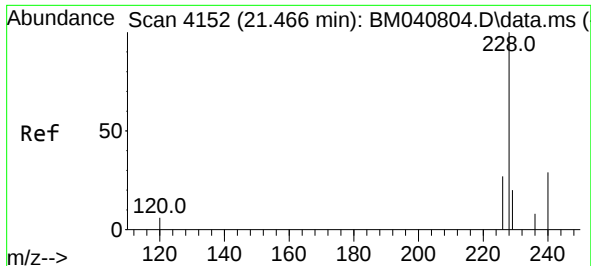
Ion Ratio Lower Upper

202 100

101 17.6 12.6 18.8

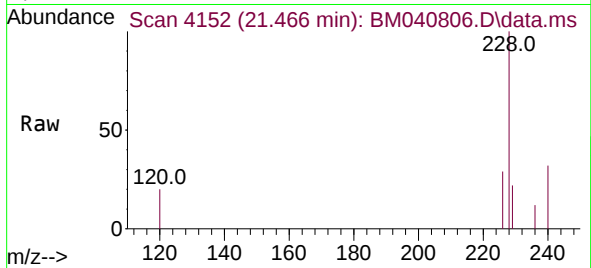
100 13.9 9.8 14.6





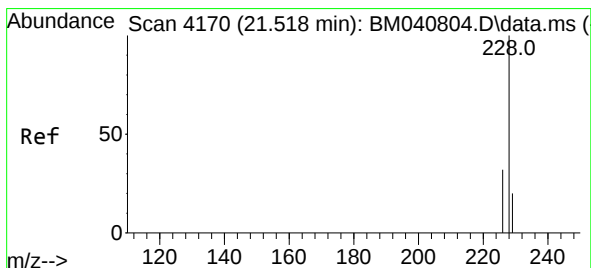
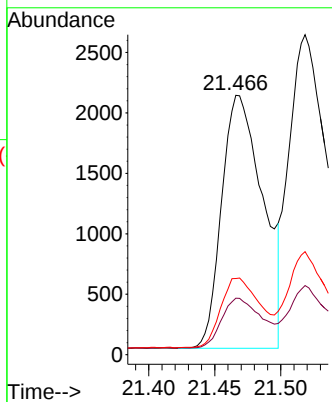
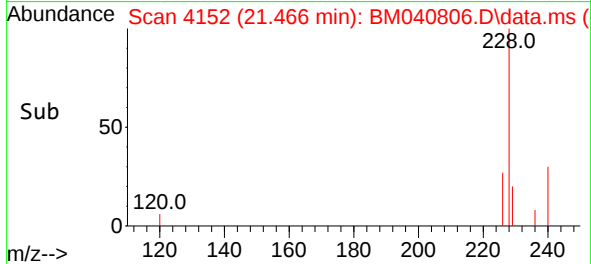
#21
Benzo(a)anthracene
Concen: 0.265 ng/ul
RT: 21.466 min Scan# 4152
Delta R.T. -0.003 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

Instrument :
BNA_M
ClientSampleId :
SLCS941



Tgt Ion:228 Resp: 4556

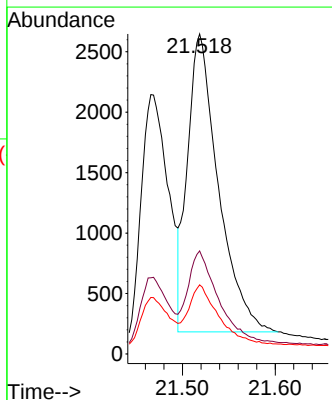
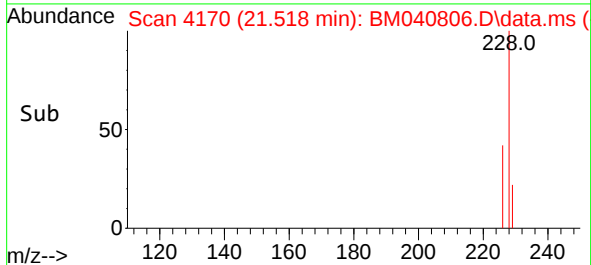
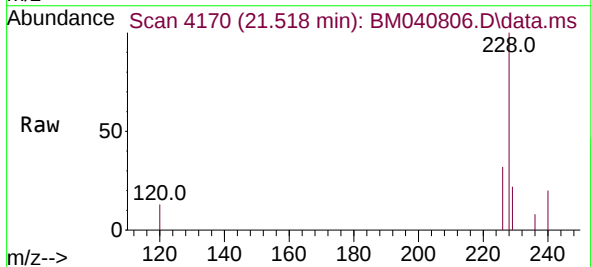
Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.0	24.0
226	29.4	22.3	33.5

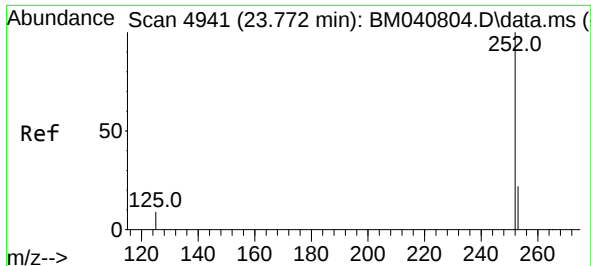


#22
Chrysene
Concen: 0.290 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.003 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

Tgt Ion:228 Resp: 5695

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.9	37.3
229	21.6	15.8	23.6

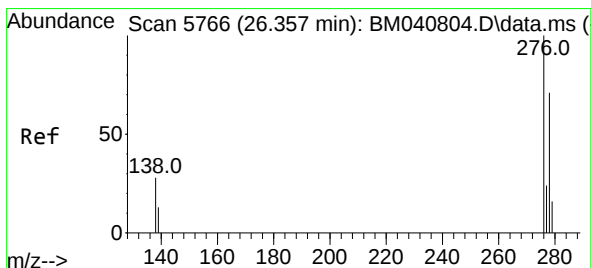
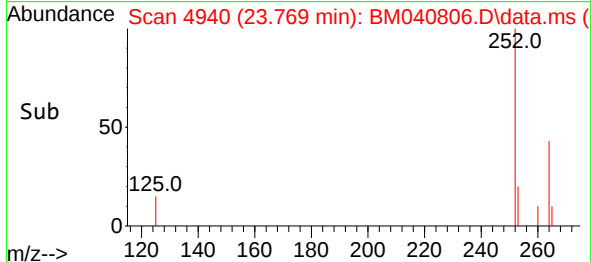
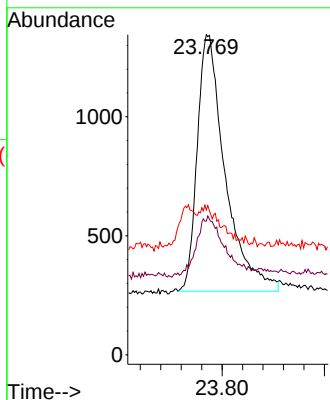
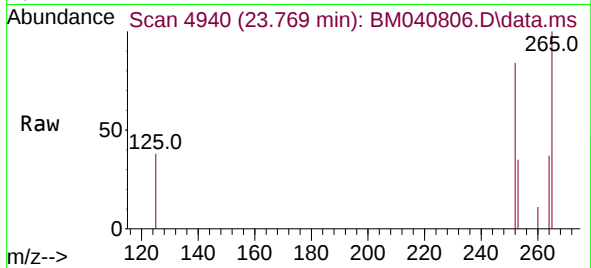




#26
Benzo(a)pyrene
Concen: 0.317 ng/ul
RT: 23.769 min Scan# 4941
Delta R.T. -0.006 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

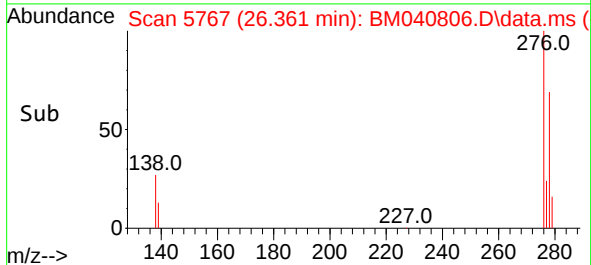
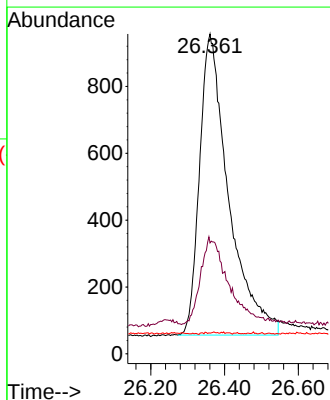
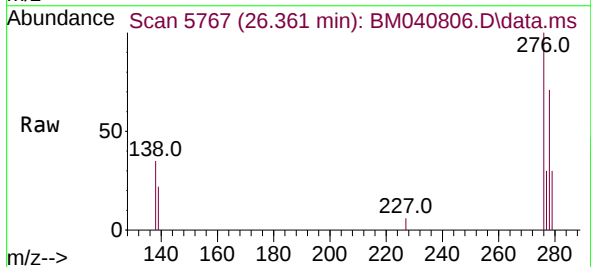
Instrument :
BNA_M
ClientSampleId :
SLCS941

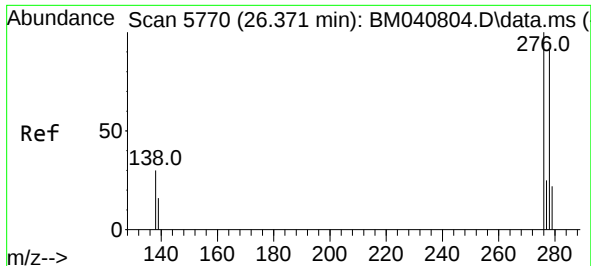
Tgt Ion:252 Resp: 4084
Ion Ratio Lower Upper
252 100
253 41.8 22.9 34.3#
125 45.2 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.274 ng/ul
RT: 26.361 min Scan# 5767
Delta R.T. 0.000 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

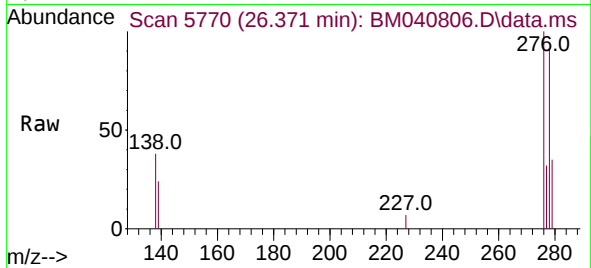
Tgt Ion:276 Resp: 4926
Ion Ratio Lower Upper
276 100
138 27.5 24.5 36.7
227 0.1 0.1 0.1#



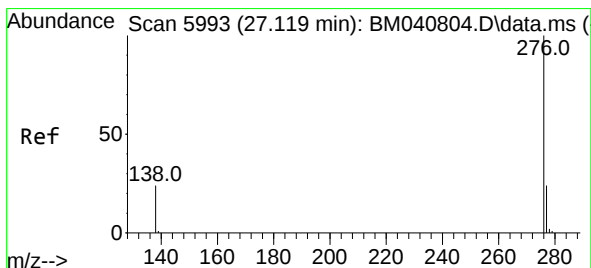
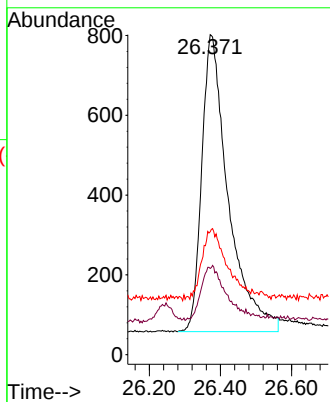
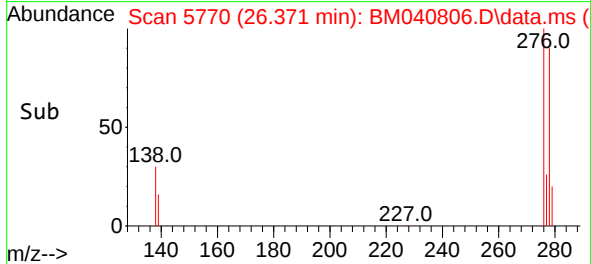


#28
Dibenzo(a,h)anthracene
Concen: 0.274 ng/ul
RT: 26.371 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

Instrument :
BNA_M
ClientSampleId :
SLCS941



Tgt Ion:278 Resp: 3848
Ion Ratio Lower Upper
278 100
139 26.9 17.9 26.9#
279 38.4 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.293 ng/ul
RT: 27.115 min Scan# 5992
Delta R.T. -0.003 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

Tgt Ion:276 Resp: 4615
Ion Ratio Lower Upper
276 100
138 33.7 23.0 34.6
277 29.9 20.3 30.5

