

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041833.D
 Acq On : 13 Sep 2023 16:51
 Operator : MA/JU
 Sample : PB155422BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS422

Quant Time: Sep 13 18:11:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 13 16:15:23 2023
 Response via : Initial Calibration

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

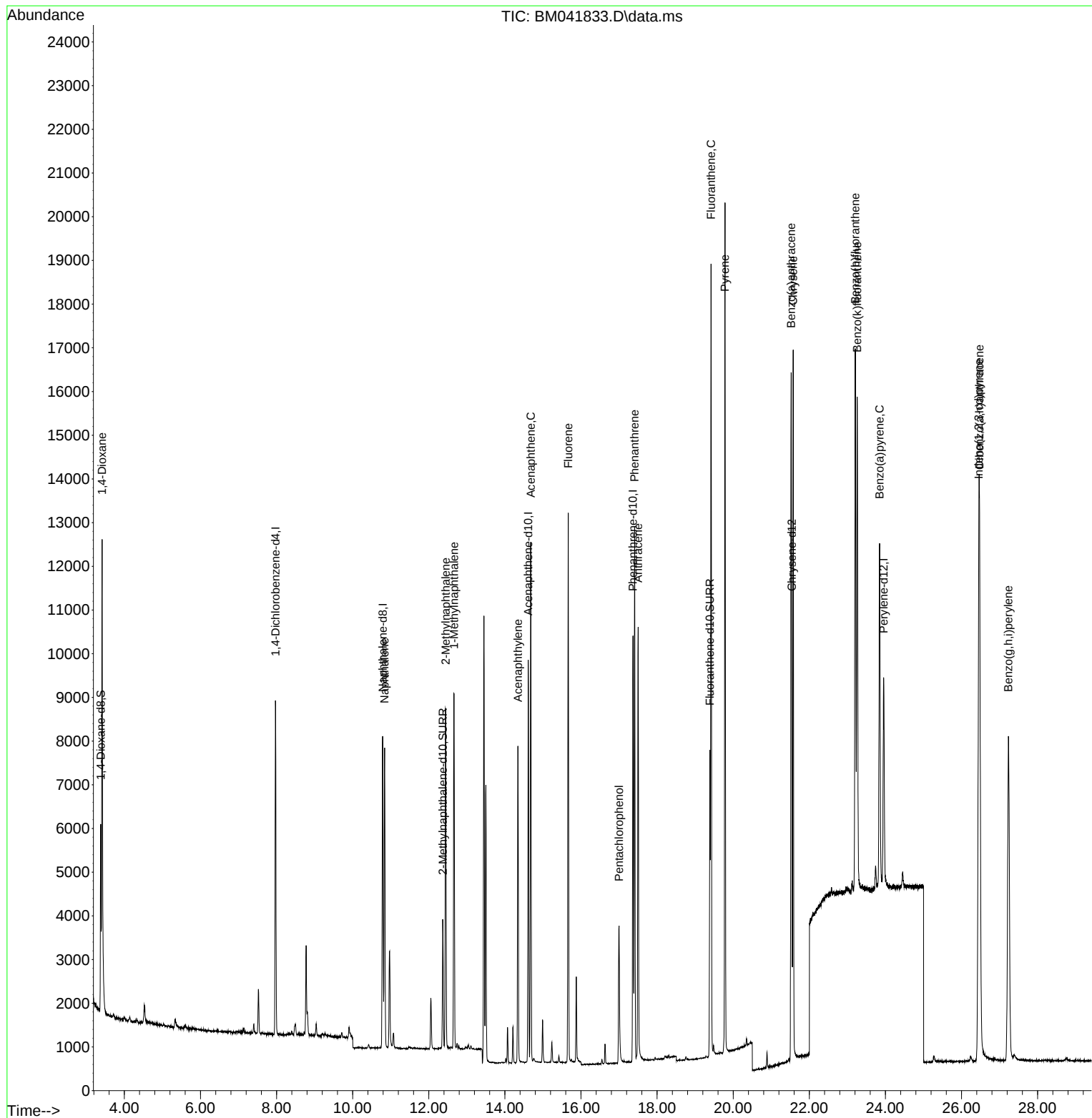
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	3853	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	9272	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	4563	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	9993	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	5925	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	6742	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	2765	0.564	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	3603	0.286	ng/ul	0.00
18) Fluoranthene-d10	19.390	212	6439	0.317	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	7392	1.437	ng/ul#	69
5) Naphthalene	10.840	128	9198	0.294	ng/ul	99
7) 2-Methylnaphthalene	12.445	142	5544	0.295	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	5633	0.294	ng/ul	99
10) Acenaphthylene	14.342	152	8210	0.287	ng/ul	100
11) Acenaphthene	14.680	153	6558	0.299	ng/ul	100
12) Fluorene	15.665	166	7630	0.298	ng/ul	100
14) Pentachlorophenol	16.999	266	2624	0.461	ng/ul	99
15) Phenanthrene	17.409	178	12709	0.291	ng/ul	99
16) Anthracene	17.502	178	10919	0.287	ng/ul	99
19) Fluoranthene	19.417	202	14674	0.320	ng/ul	98
20) Pyrene	19.785	202	15260	0.318	ng/ul	99
21) Benzo(a)anthracene	21.521	228	12603	0.322	ng/ul	99
22) Chrysene	21.577	228	13404	0.335	ng/ul	100
24) Benzo(b)fluoranthene	23.208	252	16512	0.344	ng/ul	97
25) Benzo(k)fluoranthene	23.257	252	15098	0.341	ng/ul	96
26) Benzo(a)pyrene	23.848	252	12053	0.330	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.455	276	18831	0.335	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.475	278	13838	0.334	ng/ul	98
29) Benzo(g,h,i)perylene	27.233	276	16153	0.339	ng/ul	96

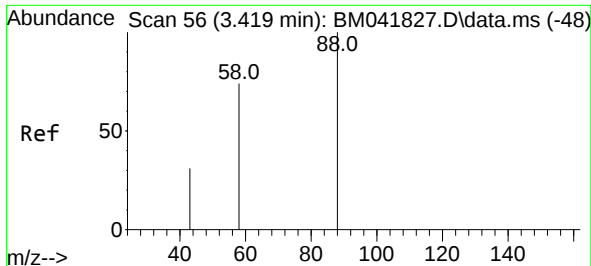
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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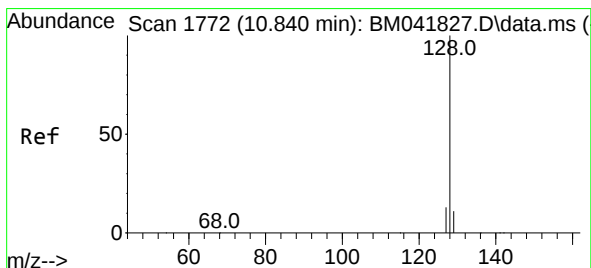
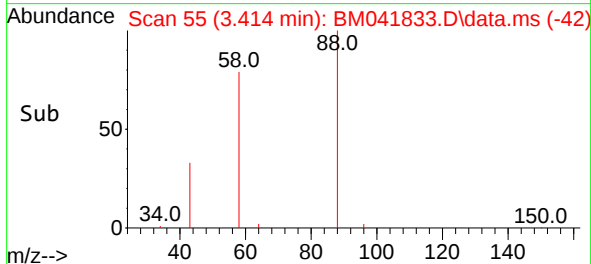
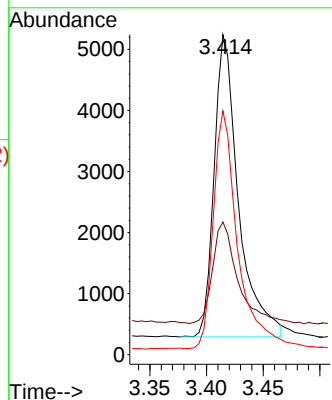
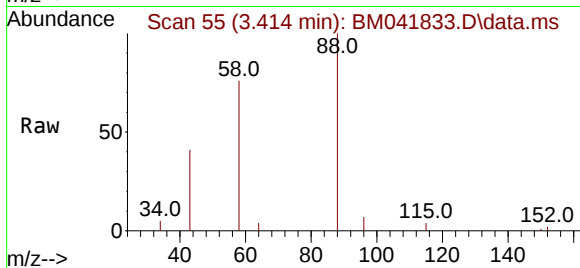




#2
1,4-Dioxane
Concen: 1.437 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM041833.D
Acq: 13 Sep 2023 16:51

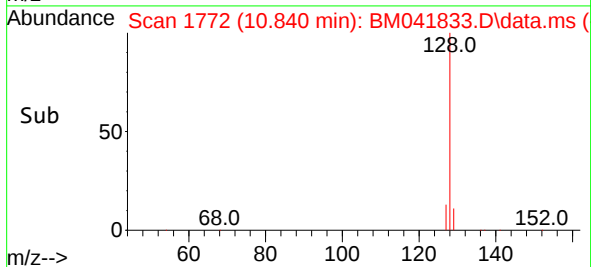
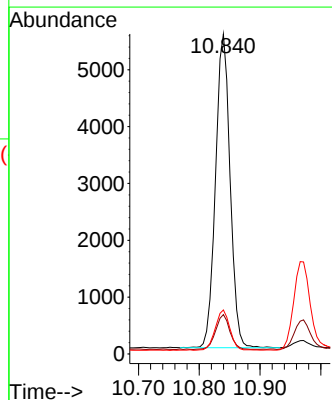
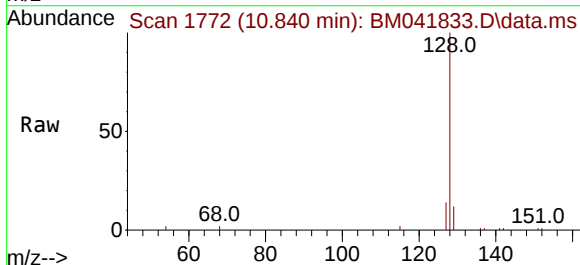
Instrument :
BNA_M
ClientSampleId :
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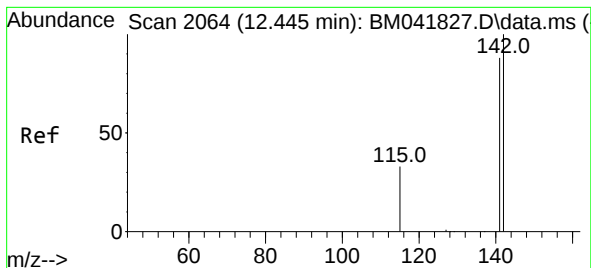
Tgt Ion: 88 Resp: 7392
Ion Ratio Lower Upper
88 100
43 41.4 69.9 104.9#
58 76.2 55.6 83.4



#5
Naphthalene
Concen: 0.294 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BM041833.D
Acq: 13 Sep 2023 16:51

Tgt Ion: 128 Resp: 9198
Ion Ratio Lower Upper
128 100
129 12.3 9.5 14.3
127 13.7 10.7 16.1

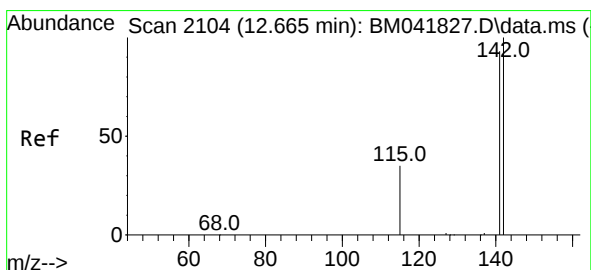
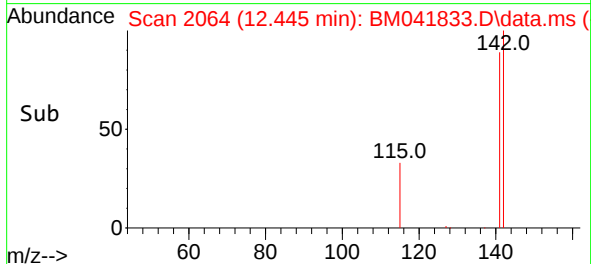
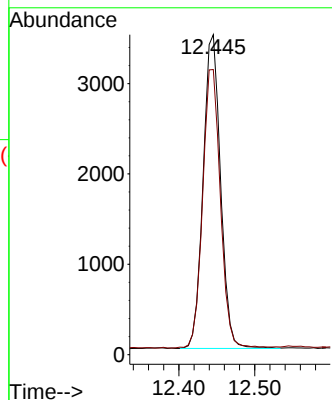
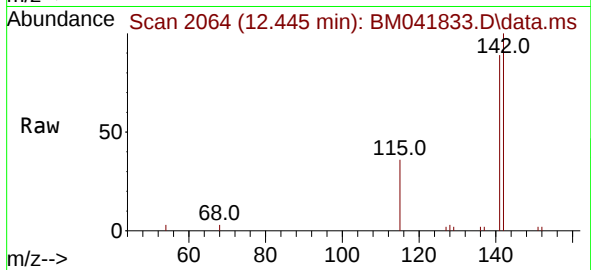




#7
2-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BM041833.D
Acq: 13 Sep 2023 16:51

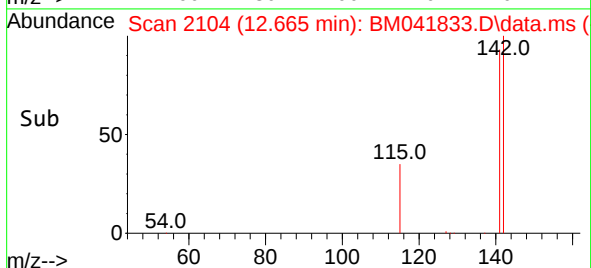
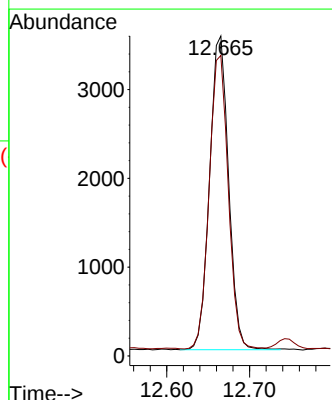
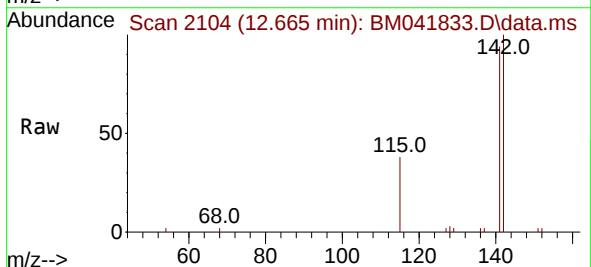
Instrument :
BNA_M
ClientSampleId :
SLCS422

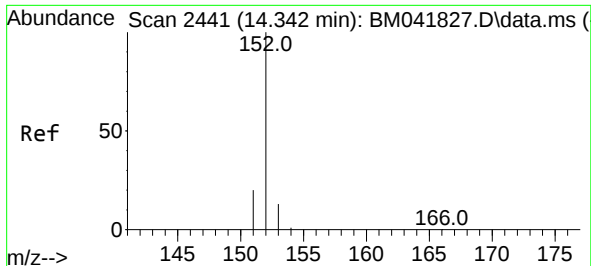
Tgt Ion:142 Resp: 5544
Ion Ratio Lower Upper
142 100
141 90.5 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.294 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM041833.D
Acq: 13 Sep 2023 16:51

Tgt Ion:142 Resp: 5633
Ion Ratio Lower Upper
142 100
141 94.1 74.3 111.5

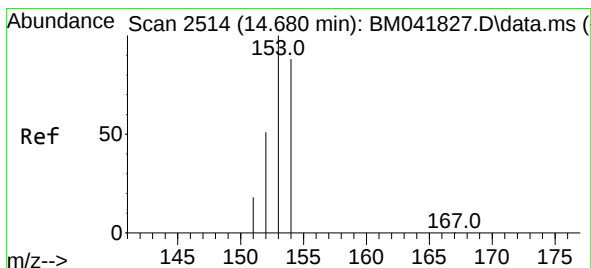
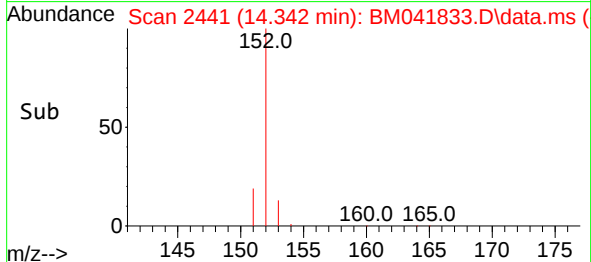
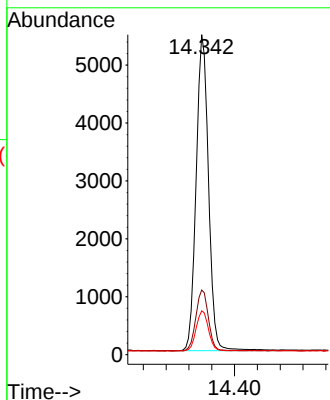
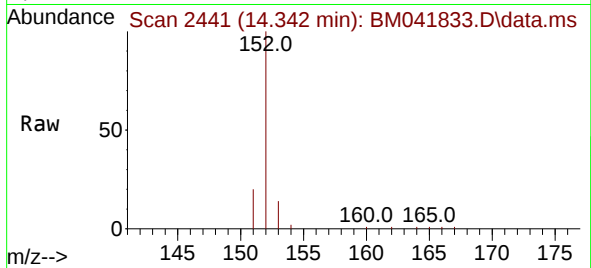




#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 14.342 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BM041833.D
Acq: 13 Sep 2023 16:51

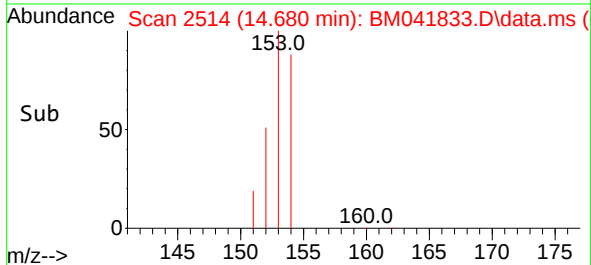
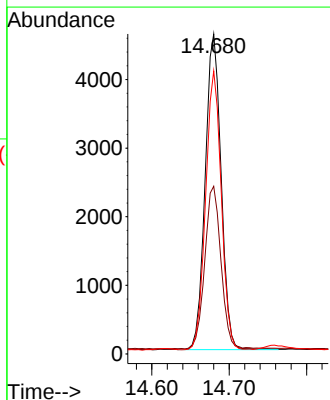
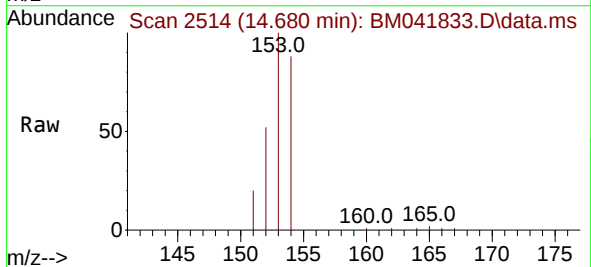
Instrument :
BNA_M
ClientSampleId :
SLCS422

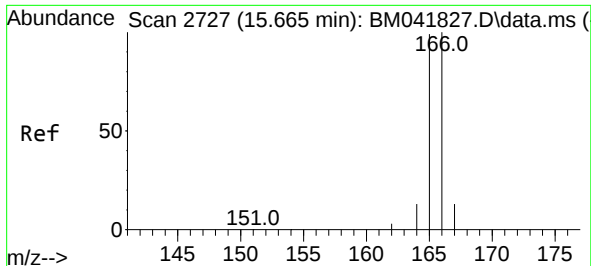
Tgt Ion:	152	Resp:	8210
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.3	24.5
153	13.7	10.9	16.3



#11
Acenaphthene
Concen: 0.299 ng/ul
RT: 14.680 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BM041833.D
Acq: 13 Sep 2023 16:51

Tgt Ion:	153	Resp:	6558
Ion Ratio	Lower	Upper	
153	100		
152	52.4	41.5	62.3
154	88.5	70.7	106.1

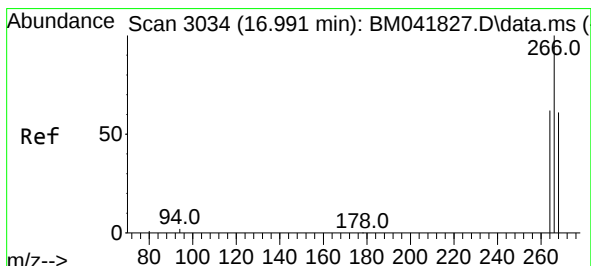
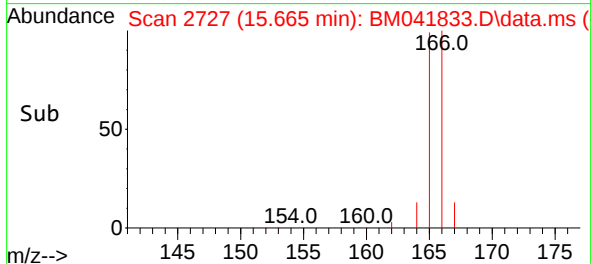
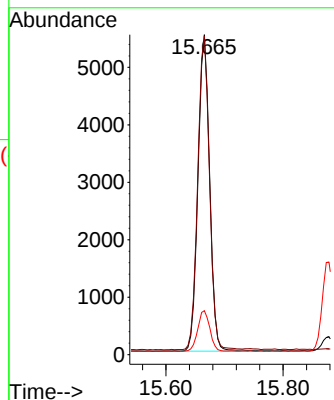
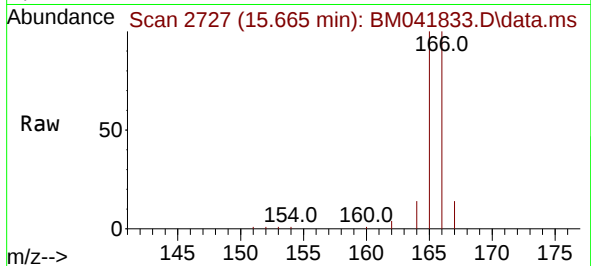




#12
Fluorene
Concen: 0.298 ng/ul
RT: 15.665 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041833.D
Acq: 13 Sep 2023 16:51

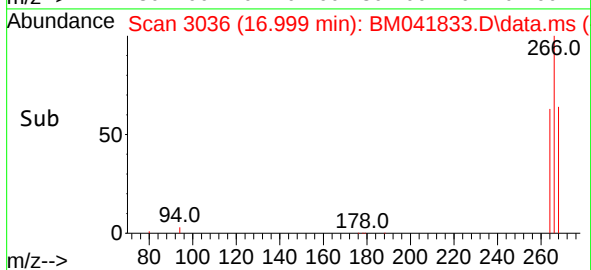
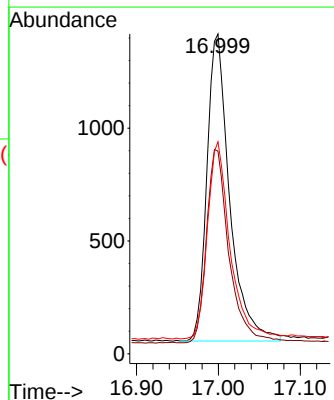
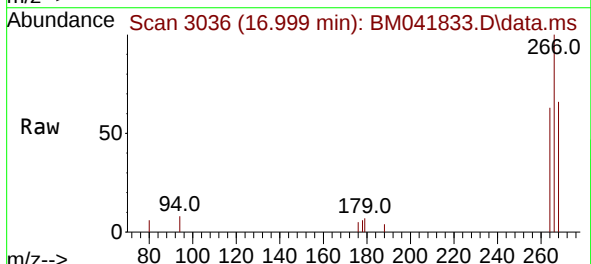
Instrument :
BNA_M
ClientSampleId :
SLCS422

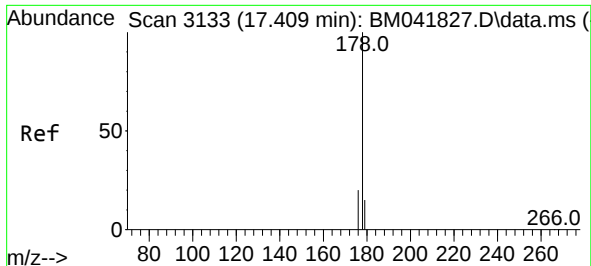
Tgt Ion:166 Resp: 7630
Ion Ratio Lower Upper
166 100
165 99.5 79.3 118.9
167 13.8 11.2 16.8



#14
Pentachlorophenol
Concen: 0.461 ng/ul
RT: 16.999 min Scan# 3036
Delta R.T. 0.008 min
Lab File: BM041833.D
Acq: 13 Sep 2023 16:51

Tgt Ion:266 Resp: 2624
Ion Ratio Lower Upper
266 100
264 62.4 49.4 74.2
268 64.1 50.3 75.5

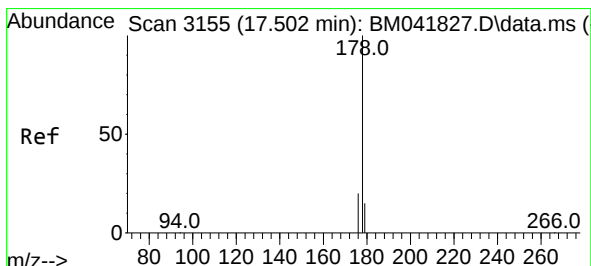
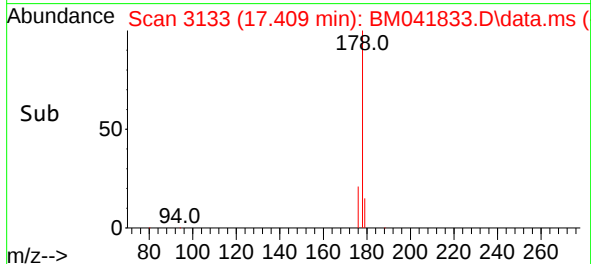
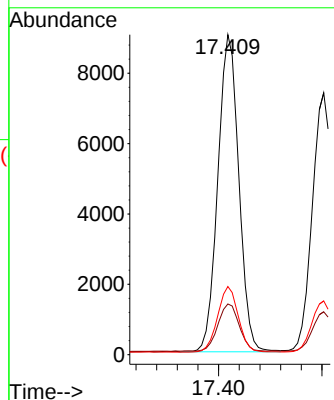
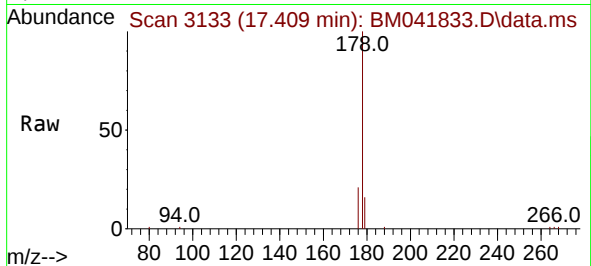




#15
Phenanthrene
Concen: 0.291 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BM041833.D
Acq: 13 Sep 2023 16:51

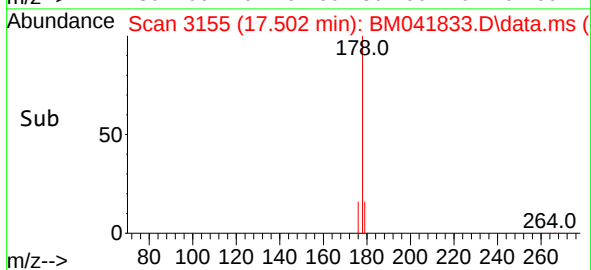
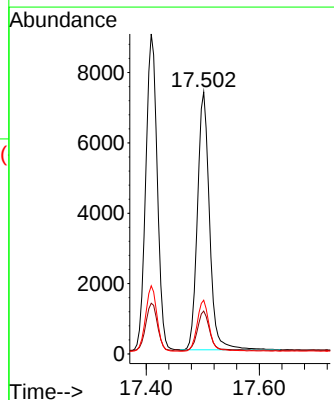
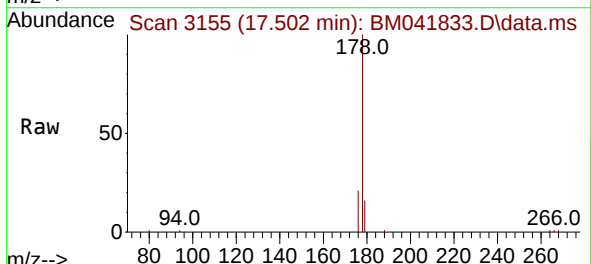
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ClientSampleId :
SLCS422

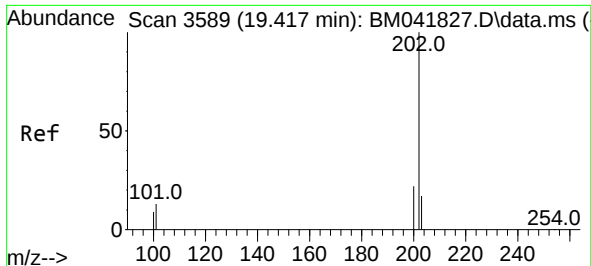
Tgt Ion:178 Resp: 12709
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 21.3 16.6 25.0



#16
Anthracene
Concen: 0.287 ng/ul
RT: 17.502 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BM041833.D
Acq: 13 Sep 2023 16:51

Tgt Ion:178 Resp: 10919
Ion Ratio Lower Upper
178 100
179 16.4 12.7 19.1
176 20.6 16.1 24.1

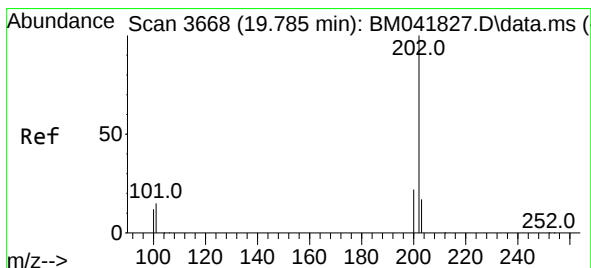
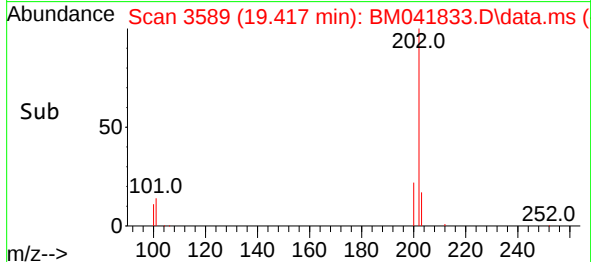
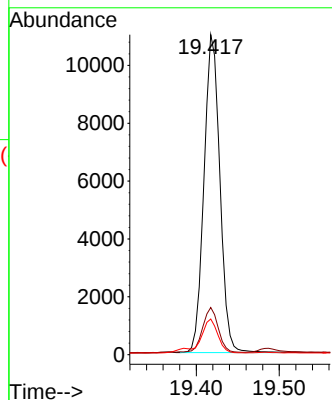
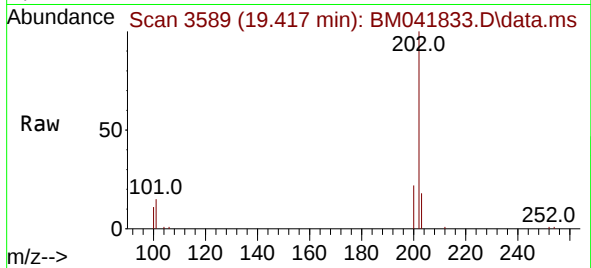




#19
Fluoranthene
Concen: 0.320 ng/ul
RT: 19.417 min Scan# 3589
Delta R.T. 0.000 min
Lab File: BM041833.D
Acq: 13 Sep 2023 16:51

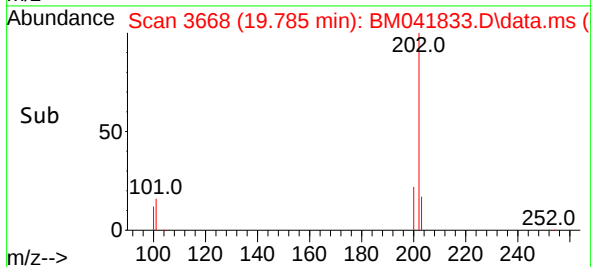
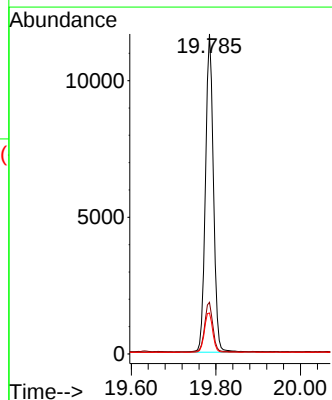
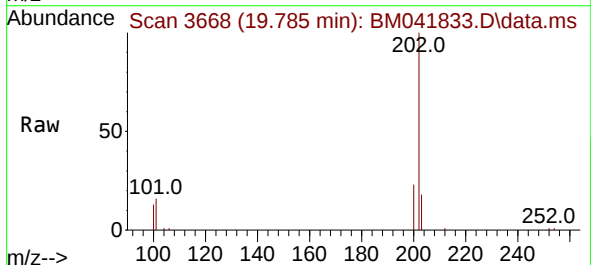
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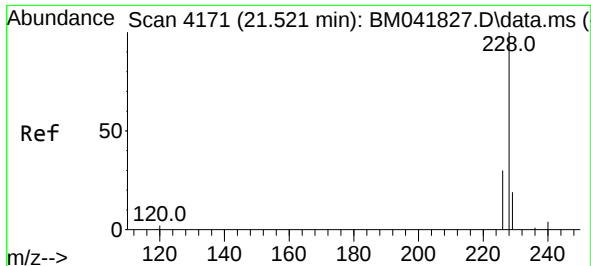
Tgt Ion:202 Resp: 14674
Ion Ratio Lower Upper
202 100
101 14.7 11.0 16.6
100 11.1 8.2 12.4



#20
Pyrene
Concen: 0.318 ng/ul
RT: 19.785 min Scan# 3668
Delta R.T. 0.000 min
Lab File: BM041833.D
Acq: 13 Sep 2023 16:51

Tgt Ion:202 Resp: 15260
Ion Ratio Lower Upper
202 100
101 16.2 12.6 19.0
100 12.8 9.9 14.9

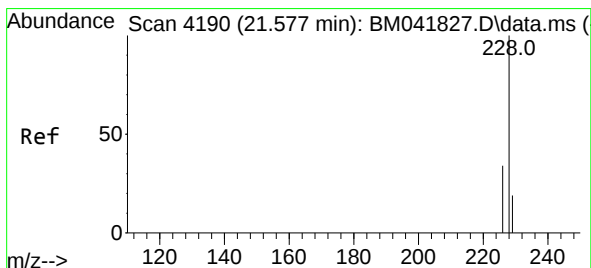
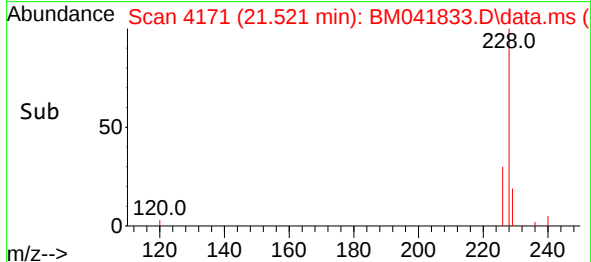
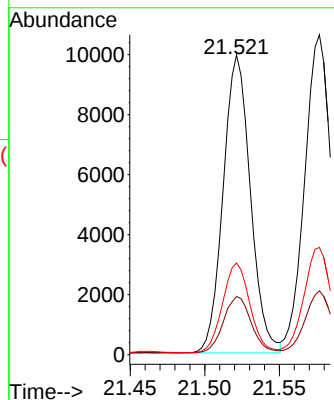
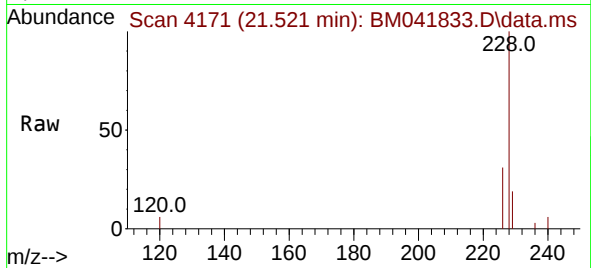




#21
Benzo(a)anthracene
Concen: 0.322 ng/ul
RT: 21.521 min Scan# 4171
Delta R.T. 0.000 min
Lab File: BM041833.D
Acq: 13 Sep 2023 16:51

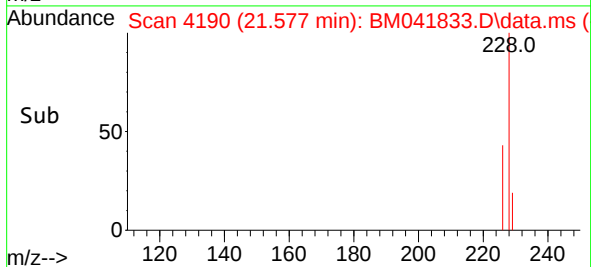
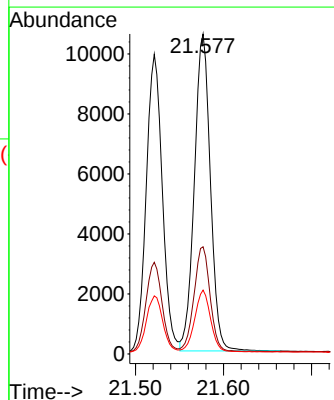
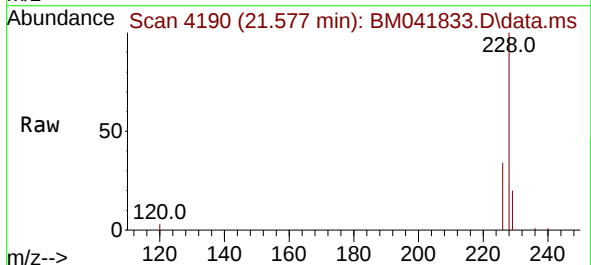
Instrument :
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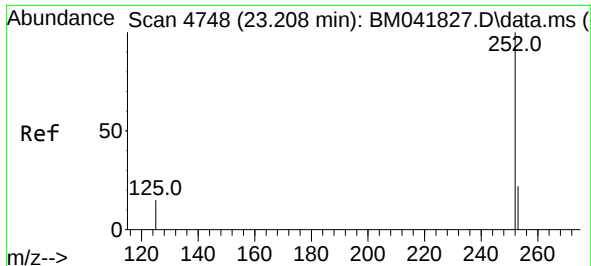
Tgt Ion:228	Resp:	12603
Ion Ratio	Lower	Upper
228	100	
229	19.4	15.8 23.8
226	30.6	24.3 36.5



#22
Chrysene
Concen: 0.335 ng/ul
RT: 21.577 min Scan# 4190
Delta R.T. 0.000 min
Lab File: BM041833.D
Acq: 13 Sep 2023 16:51

Tgt Ion:228	Resp:	13404
Ion Ratio	Lower	Upper
228	100	
226	33.5	27.0 40.4
229	20.0	15.7 23.5

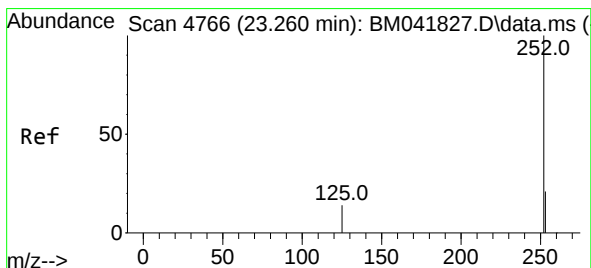
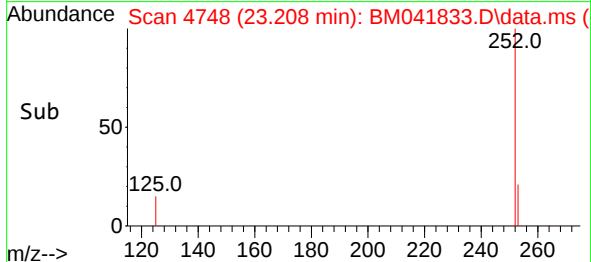
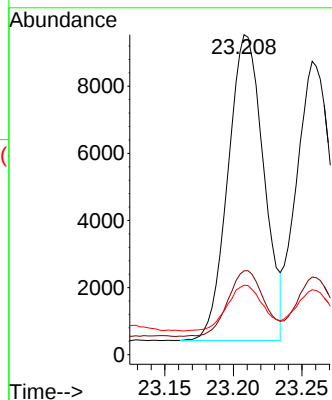
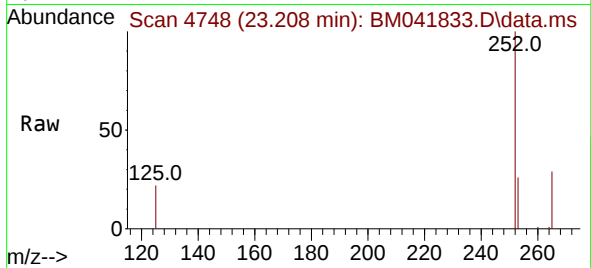




#24
Benzo(b)fluoranthene
Concen: 0.344 ng/ul
RT: 23.208 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM041833.D
Acq: 13 Sep 2023 16:51

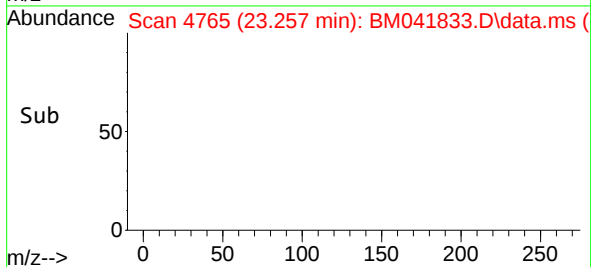
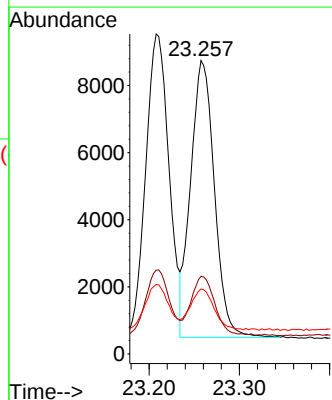
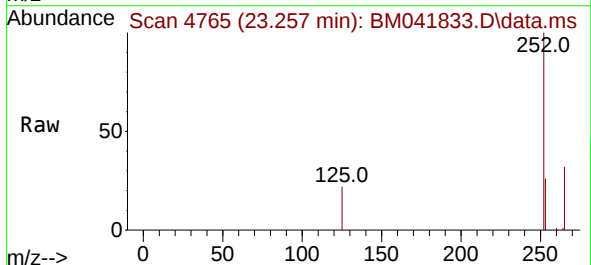
Instrument :
BNA_M
ClientSampleId :
SLCS422

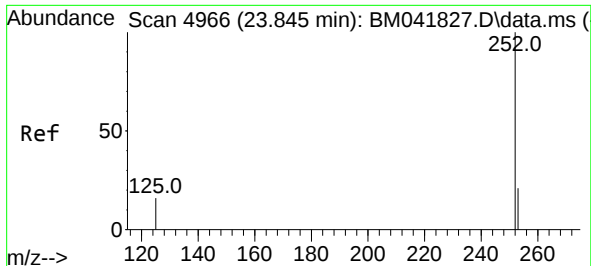
Tgt Ion:252 Resp: 16512
Ion Ratio Lower Upper
252 100
253 26.2 0.0 51.0
125 21.7 0.0 39.8



#25
Benzo(k)fluoranthene
Concen: 0.341 ng/ul
RT: 23.257 min Scan# 4765
Delta R.T. -0.003 min
Lab File: BM041833.D
Acq: 13 Sep 2023 16:51

Tgt Ion:252 Resp: 15098
Ion Ratio Lower Upper
252 100
253 26.4 20.2 30.2
125 22.1 15.8 23.8

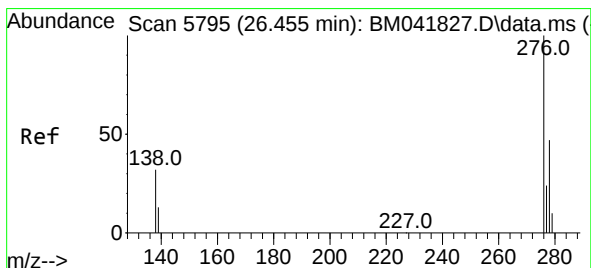
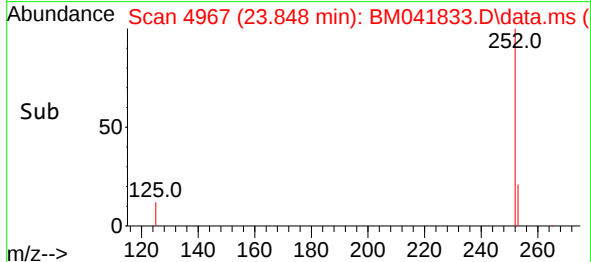
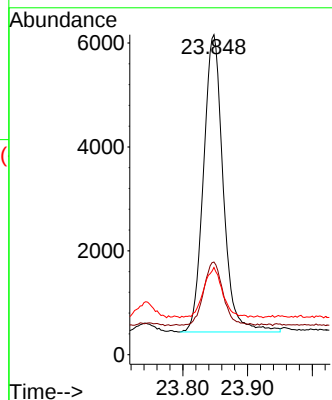
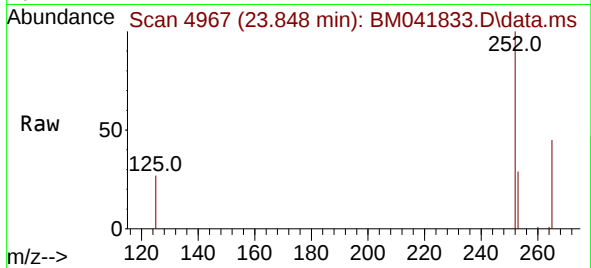




#26
Benzo(a)pyrene
Concen: 0.330 ng/ul
RT: 23.848 min Scan# 4966
Delta R.T. 0.003 min
Lab File: BM041833.D
Acq: 13 Sep 2023 16:51

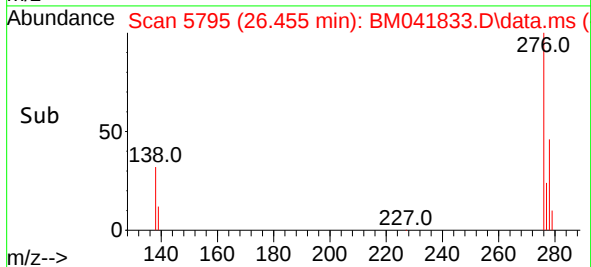
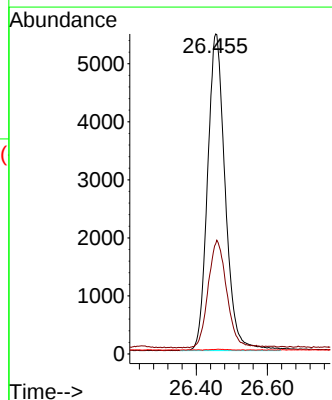
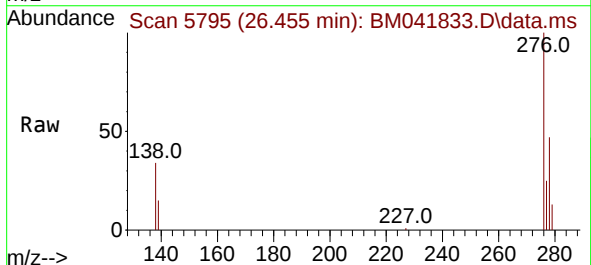
Instrument :
BNA_M
ClientSampleId :
SLCS422

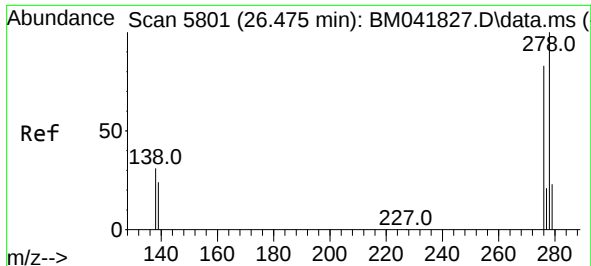
Tgt Ion:	252	Resp:	12053
Ion Ratio	Lower	Upper	
252	100		
253	28.9	21.8	32.8
125	27.3	18.8	28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng/ul
RT: 26.455 min Scan# 5795
Delta R.T. 0.000 min
Lab File: BM041833.D
Acq: 13 Sep 2023 16:51

Tgt Ion:	276	Resp:	18831
Ion Ratio	Lower	Upper	
276	100		
138	35.8	27.7	41.5
227	0.2	0.1	0.1#

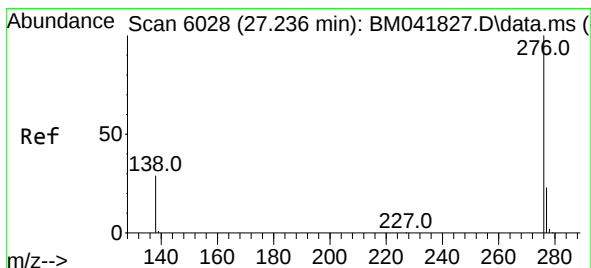
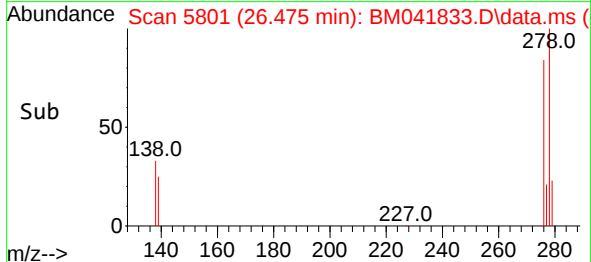
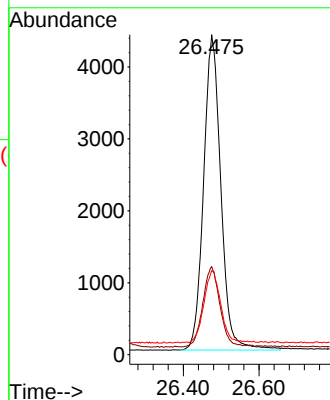
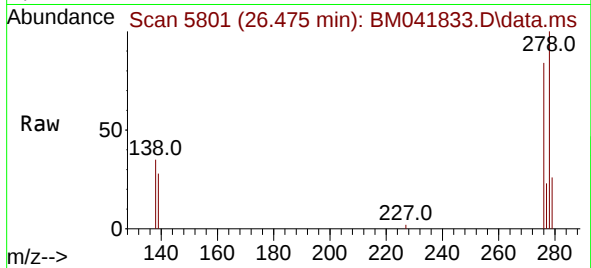




#28
Dibenzo(a,h)anthracene
Concen: 0.334 ng/ul
RT: 26.475 min Scan# 5801
Delta R.T. 0.000 min
Lab File: BM041833.D
Acq: 13 Sep 2023 16:51

Instrument :
BNA_M
ClientSampleId :
SLCS422

Tgt Ion:278 Resp: 13838
Ion Ratio Lower Upper
278 100
139 27.5 20.9 31.3
279 26.3 20.3 30.5



#29
Benzo(g,h,i)perylene
Concen: 0.339 ng/ul
RT: 27.233 min Scan# 6027
Delta R.T. -0.003 min
Lab File: BM041833.D
Acq: 13 Sep 2023 16:51

Tgt Ion:276 Resp: 16153
Ion Ratio Lower Upper
276 100
138 33.5 24.7 37.1
277 25.1 19.3 28.9

