

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
 Data File : BM037418.D
 Acq On : 08 Nov 2022 07:32
 Operator : CG/JU
 Sample : PB148833BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS833

Quant Time: Nov 08 08:04:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:30:18 2022
 Response via : Initial Calibration

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

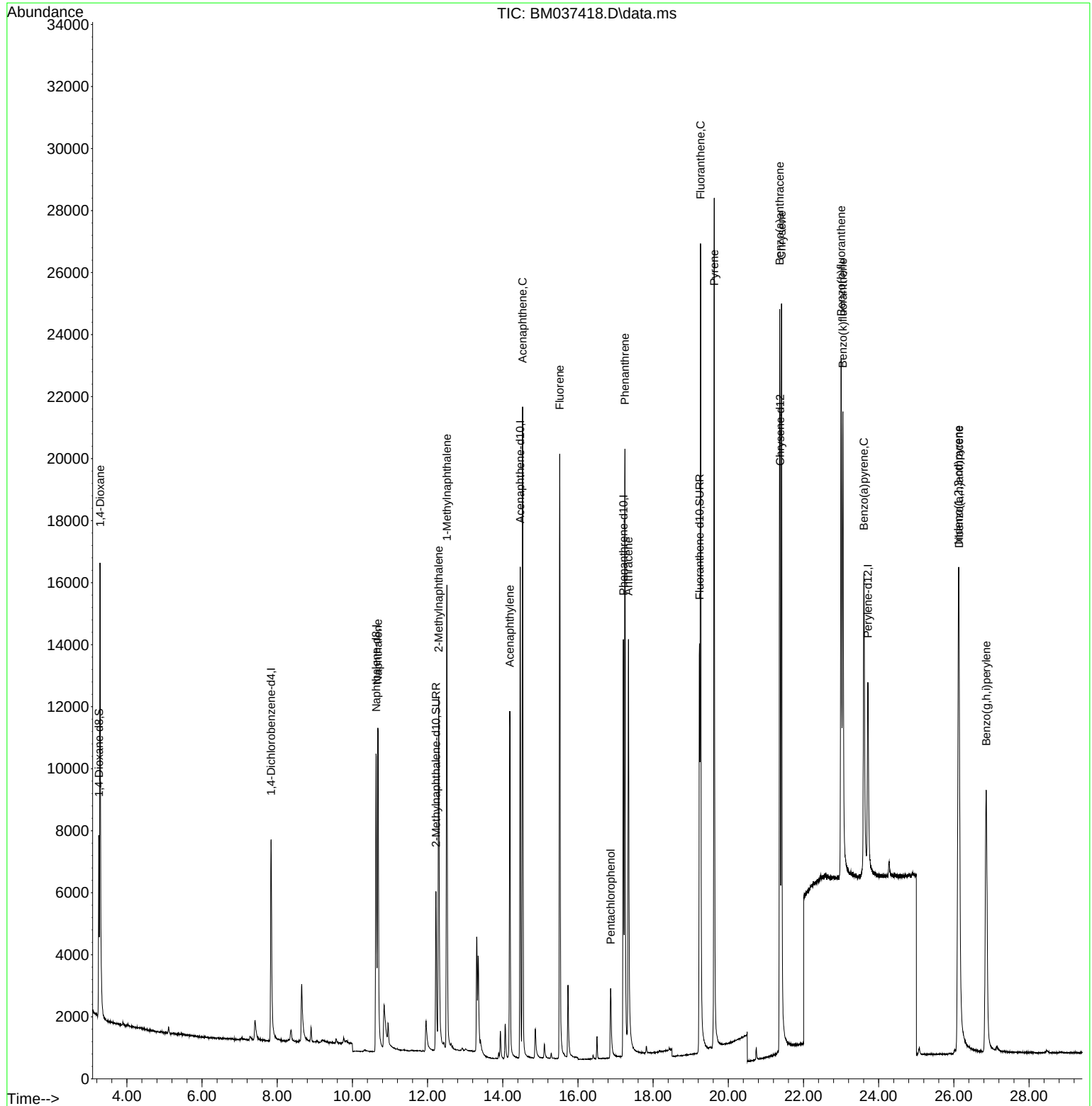
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.837	152	4694	0.400	ng/ul	0.00
4) Naphthalene-d8	10.633	136	15176	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.464	164	8498	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.208	188	17024	0.400	ng/ul	0.00
17) Chrysene-d12	21.380	240	11091	0.400	ng/ul	# 0.00
23) Perylene-d12	23.713	264	9099	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	4087	0.686	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	8454	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.233	212	15664	0.452	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.289	88	10281	1.745	ng/ul#	83
5) Naphthalene	10.677	128	16526	0.376	ng/ul	99
7) 2-Methylnaphthalene	12.294	142	10338	0.375	ng/ul	97
8) 1-Methylnaphthalene	12.514	142	11191	0.395	ng/ul	100
10) Acenaphthylene	14.187	152	13995	0.387	ng/ul	99
11) Acenaphthene	14.529	153	12613	0.394	ng/ul	98
12) Fluorene	15.514	166	13875	0.379	ng/ul	98
14) Pentachlorophenol	16.870	266	2355	0.524	ng/ul	99
15) Phenanthrene	17.250	178	22209	0.381	ng/ul	100
16) Anthracene	17.343	178	18129	0.382	ng/ul	100
19) Fluoranthene	19.261	202	24534	0.467	ng/ul	97
20) Pyrene	19.624	202	25386	0.461	ng/ul	100
21) Benzo(a)anthracene	21.366	228	19417	0.406	ng/ul	100
22) Chrysene	21.415	228	22308	0.418	ng/ul	100
24) Benzo(b)fluoranthene	23.002	252	22602	0.433	ng/ul	98
25) Benzo(k)fluoranthene	23.049	252	21047	0.421	ng/ul	98
26) Benzo(a)pyrene	23.607	252	17842	0.409	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.122	276	23658	0.407	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.135	278	18007	0.402	ng/ul	97
29) Benzo(g,h,i)perylene	26.859	276	20806	0.414	ng/ul	98

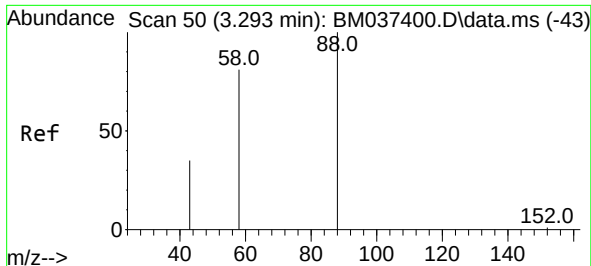
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
Data File : BM037418.D
Acq On : 08 Nov 2022 07:32
Operator : CG/JU
Sample : PB148833BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS833

Quant Time: Nov 08 08:04:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:30:18 2022
Response via : Initial Calibration

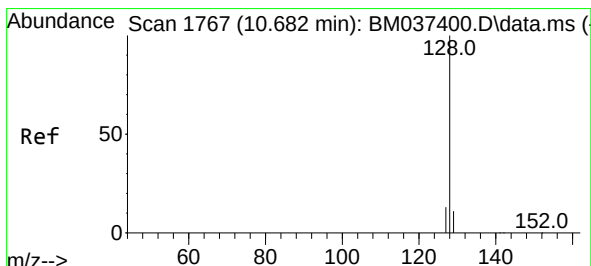
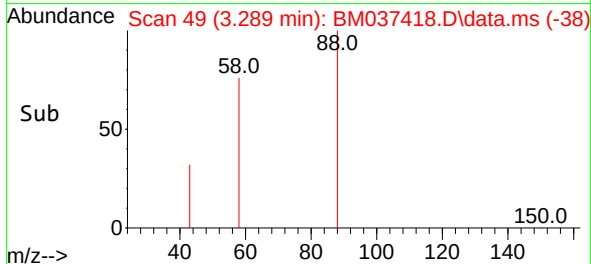
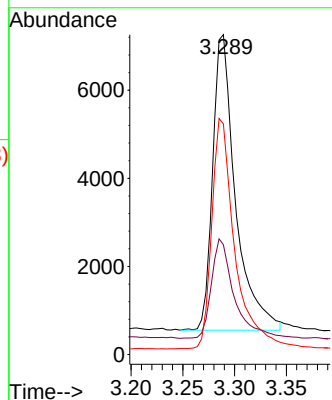
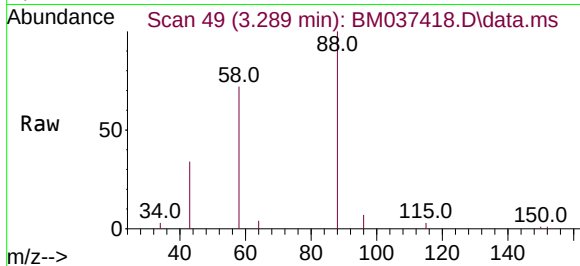




#2
1,4-Dioxane
Concen: 1.745 ng/ul
RT: 3.289 min Scan# 49
Delta R.T. -0.004 min
Lab File: BM037418.D
Acq: 08 Nov 2022 07:32

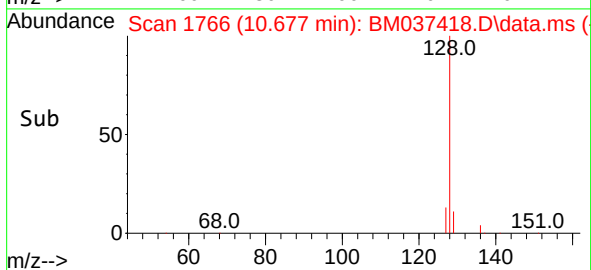
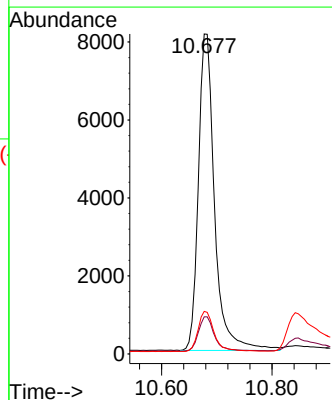
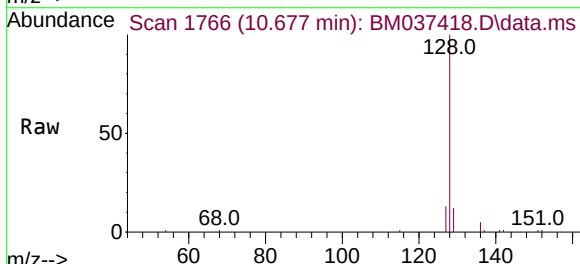
Instrument :
BNA_M
ClientSampleId :
SLCS833

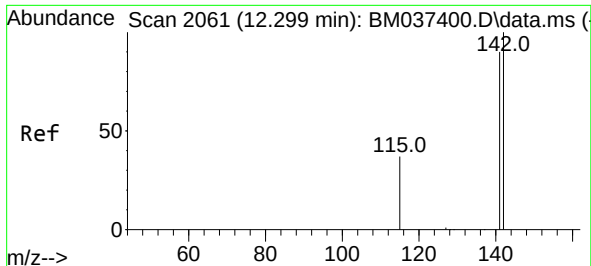
Tgt Ion: 88 Resp: 10281
Ion Ratio Lower Upper
88 100
43 34.3 39.9 59.9#
58 72.1 50.2 75.2



#5
Naphthalene
Concen: 0.376 ng/ul
RT: 10.677 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BM037418.D
Acq: 08 Nov 2022 07:32

Tgt Ion: 128 Resp: 16526
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.3 10.2 15.4

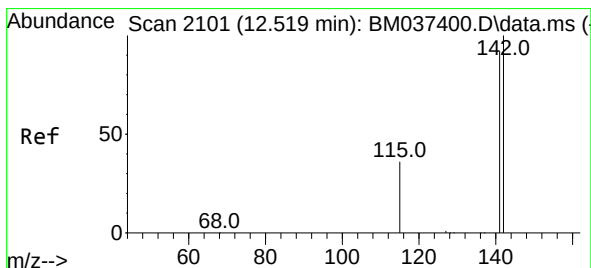
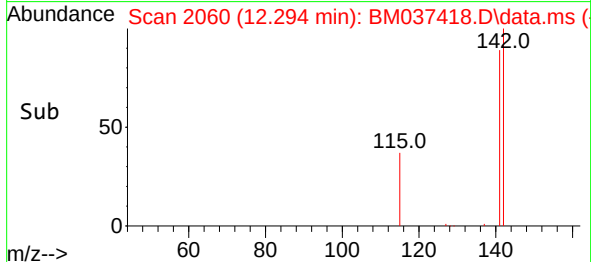
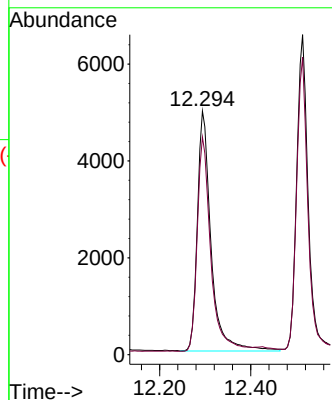
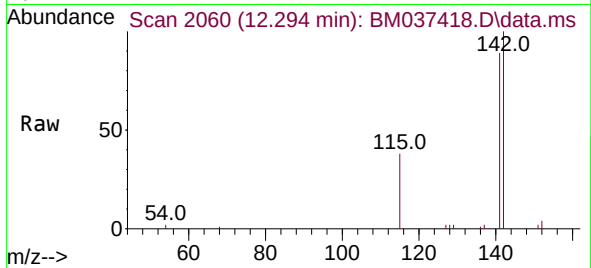




#7
2-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BM037418.D
Acq: 08 Nov 2022 07:32

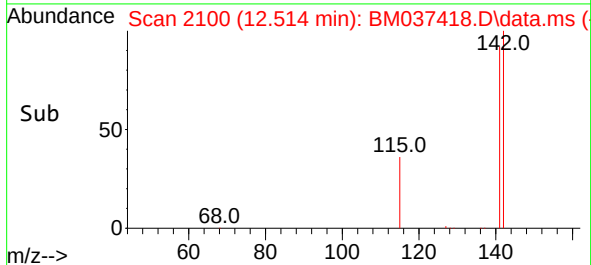
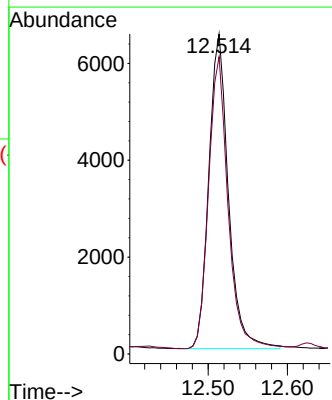
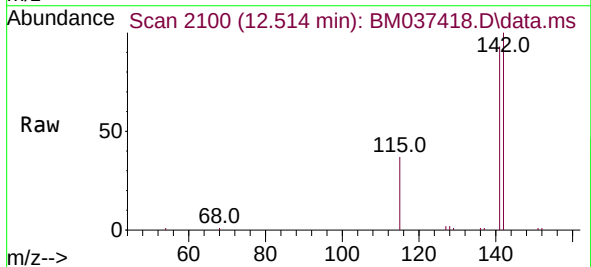
Instrument :
BNA_M
ClientSampleId :
SLCS833

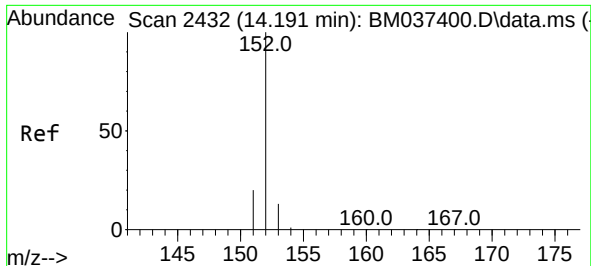
Tgt Ion:142 Resp: 10338
Ion Ratio Lower Upper
142 100
141 91.3 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BM037418.D
Acq: 08 Nov 2022 07:32

Tgt Ion:142 Resp: 11191
Ion Ratio Lower Upper
142 100
141 91.9 73.9 110.9

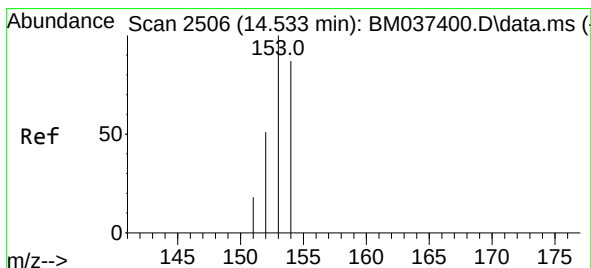
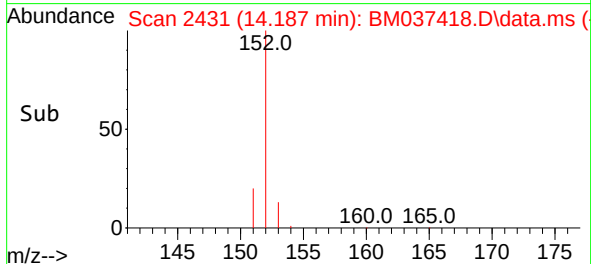
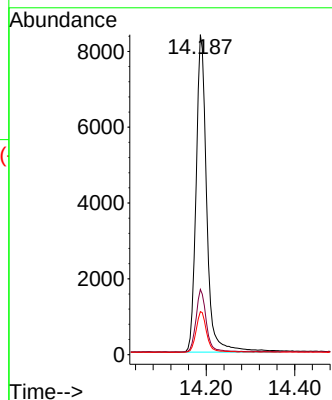
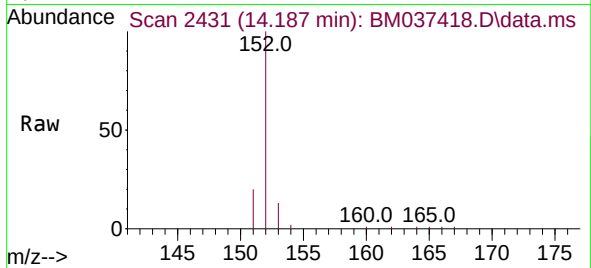




#10
Acenaphthylene
Concen: 0.387 ng/ul
RT: 14.187 min Scan# 2431
Delta R.T. -0.009 min
Lab File: BM037418.D
Acq: 08 Nov 2022 07:32

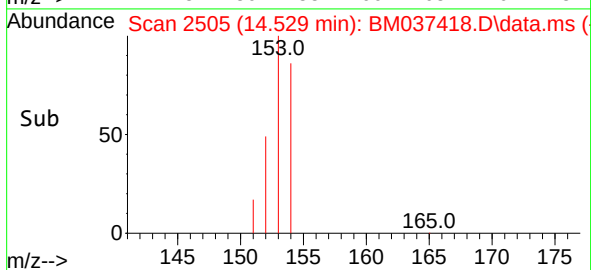
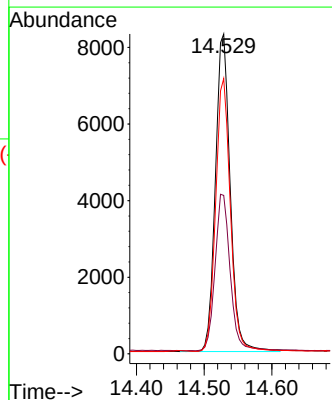
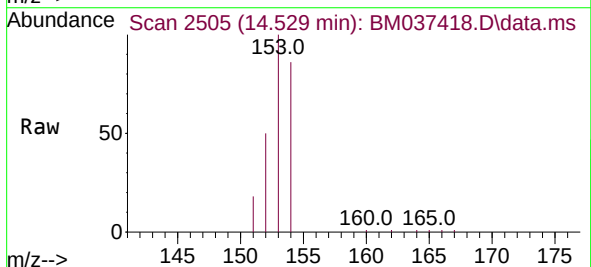
Instrument :
BNA_M
ClientSampleId :
SLCS833

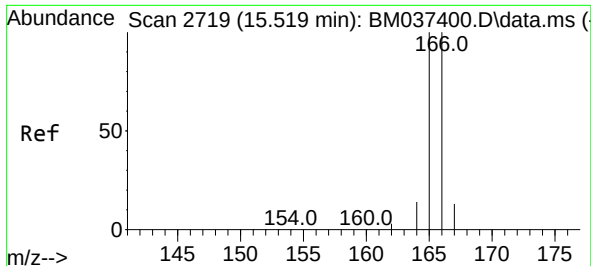
Tgt Ion:152	Resp:	13995
Ion Ratio	Lower	Upper
152	100	
151	20.4	16.1 24.1
153	13.4	11.0 16.4



#11
Acenaphthene
Concen: 0.394 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. -0.009 min
Lab File: BM037418.D
Acq: 08 Nov 2022 07:32

Tgt Ion:153	Resp:	12613
Ion Ratio	Lower	Upper
153	100	
152	49.5	40.2 60.4
154	86.0	70.4 105.6

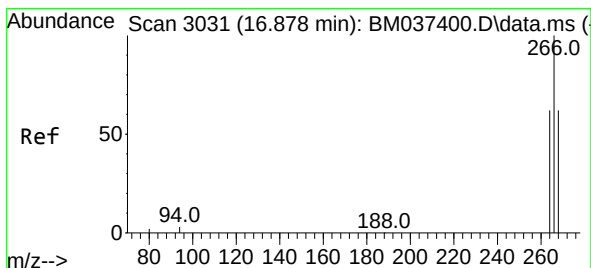
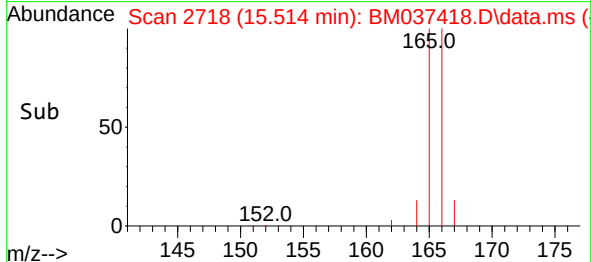
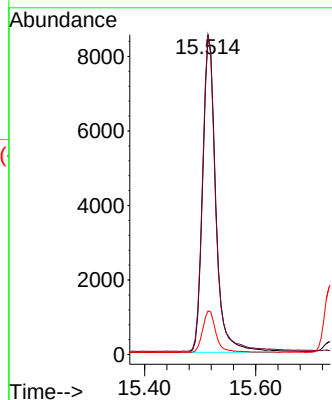
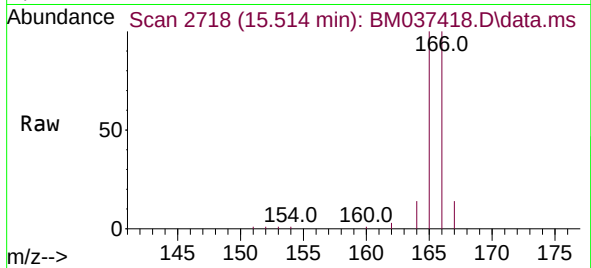




#12
Fluorene
Concen: 0.379 ng/ul
RT: 15.514 min Scan# 2719
Delta R.T. -0.009 min
Lab File: BM037418.D
Acq: 08 Nov 2022 07:32

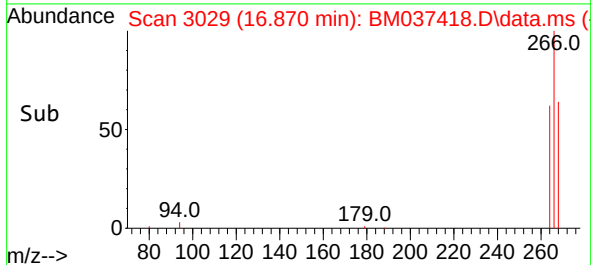
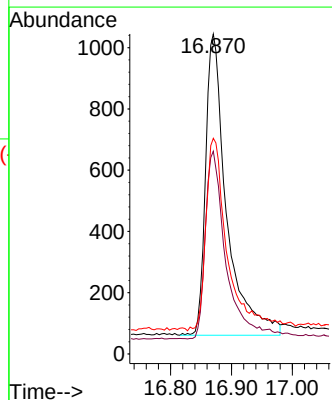
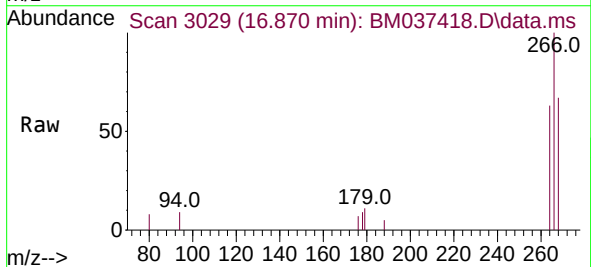
Instrument :
BNA_M
ClientSampleId :
SLCS833

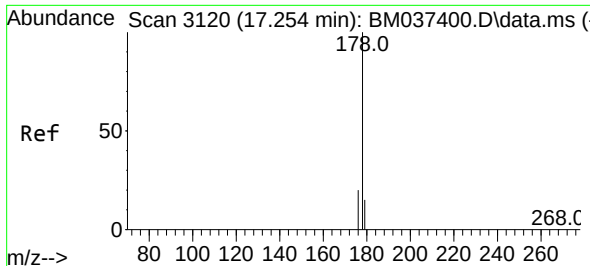
Tgt Ion:166 Resp: 13875
Ion Ratio Lower Upper
166 100
165 100.3 79.0 118.4
167 13.7 11.1 16.7



#14
Pentachlorophenol
Concen: 0.524 ng/ul
RT: 16.870 min Scan# 3029
Delta R.T. -0.008 min
Lab File: BM037418.D
Acq: 08 Nov 2022 07:32

Tgt Ion:266 Resp: 2355
Ion Ratio Lower Upper
266 100
264 61.8 49.9 74.9
268 65.7 51.9 77.9

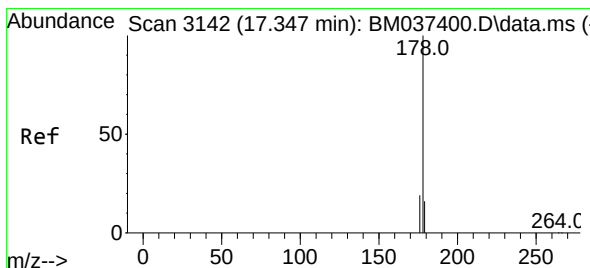
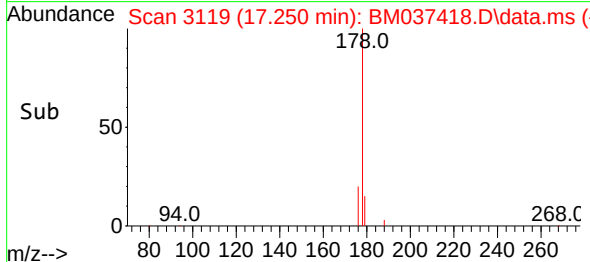
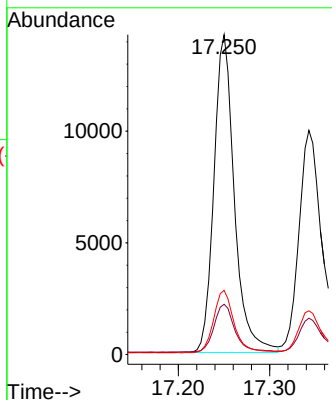
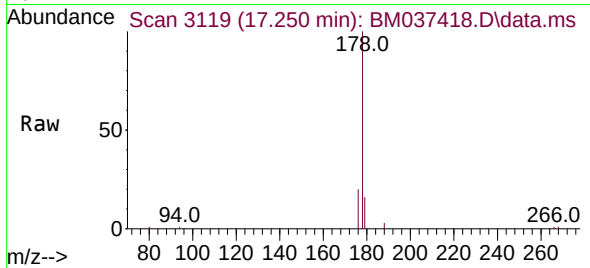




#15
Phenanthrene
Concen: 0.381 ng/ul
RT: 17.250 min Scan# 3119
Delta R.T. -0.008 min
Lab File: BM037418.D
Acq: 08 Nov 2022 07:32

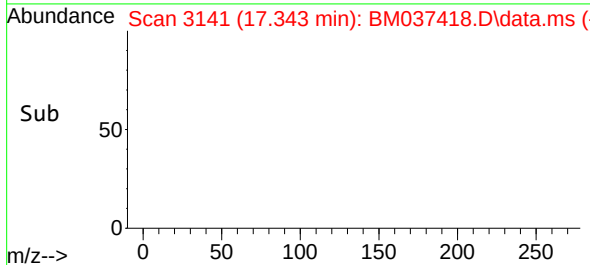
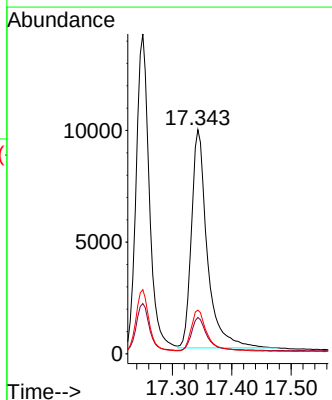
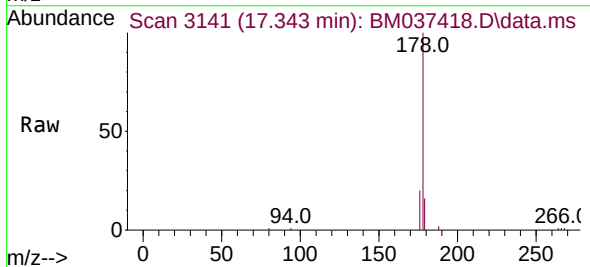
Instrument :
BNA_M
ClientSampleId :
SLCS833

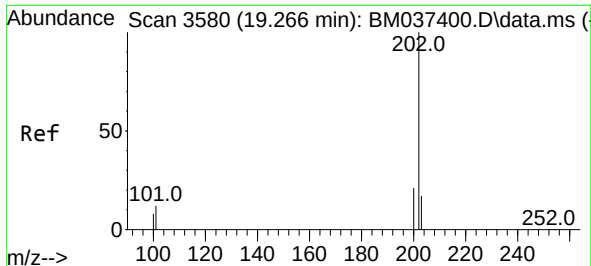
Tgt Ion:178 Resp: 22209
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 20.1 16.0 24.0



#16
Anthracene
Concen: 0.382 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. -0.008 min
Lab File: BM037418.D
Acq: 08 Nov 2022 07:32

Tgt Ion:178 Resp: 18129
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 19.5 15.5 23.3

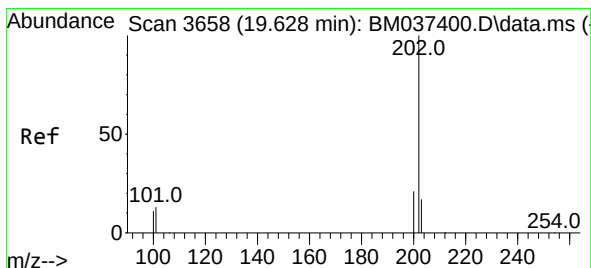
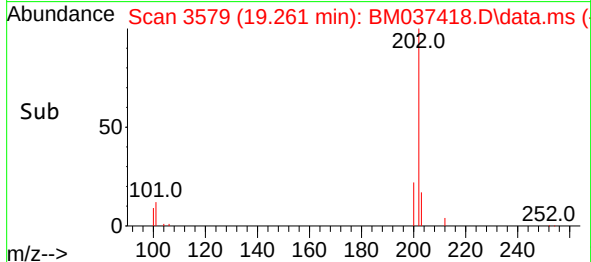
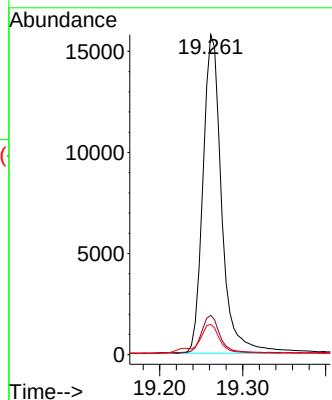
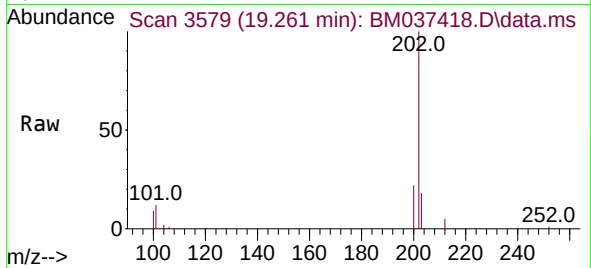




#19
Fluoranthene
Concen: 0.467 ng/ul
RT: 19.261 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM037418.D
Acq: 08 Nov 2022 07:32

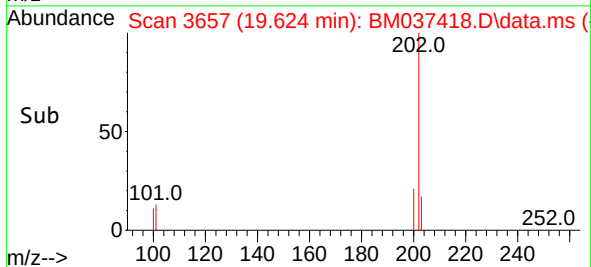
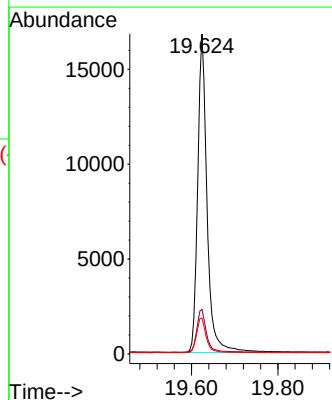
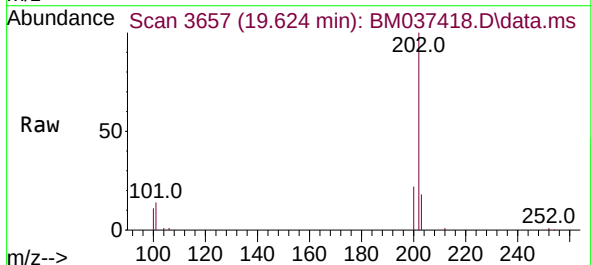
Instrument :
BNA_M
ClientSampleId :
SLCS833

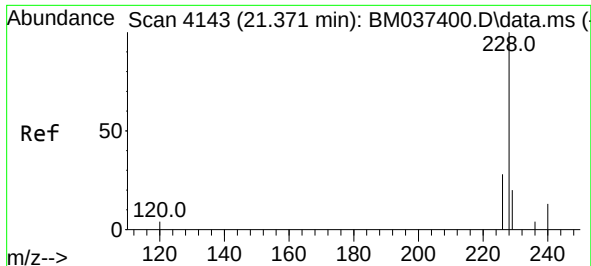
Tgt Ion:202 Resp: 24534
Ion Ratio Lower Upper
202 100
101 12.3 8.7 13.1
100 9.4 6.6 10.0



#20
Pyrene
Concen: 0.461 ng/ul
RT: 19.624 min Scan# 3657
Delta R.T. -0.005 min
Lab File: BM037418.D
Acq: 08 Nov 2022 07:32

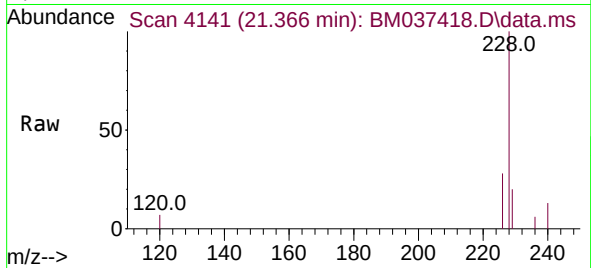
Tgt Ion:202 Resp: 25386
Ion Ratio Lower Upper
202 100
101 13.9 11.1 16.7
100 11.2 9.0 13.4



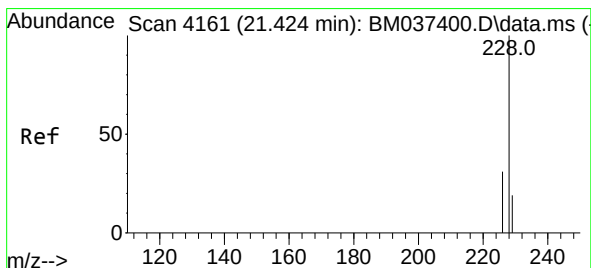
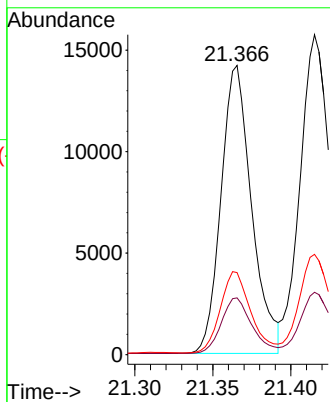
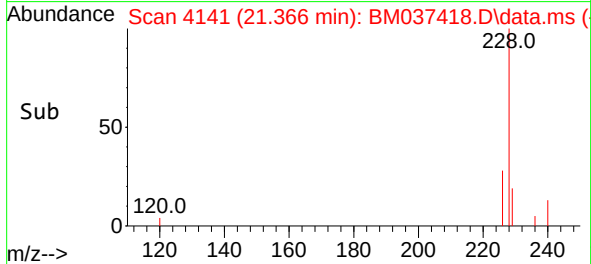


#21
Benzo(a)anthracene
Concen: 0.406 ng/ul
RT: 21.366 min Scan# 4141
Delta R.T. -0.003 min
Lab File: BM037418.D
Acq: 08 Nov 2022 07:32

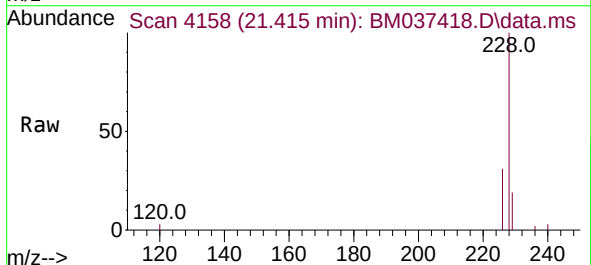
Instrument :
BNA_M
ClientSampleId :
SLCS833



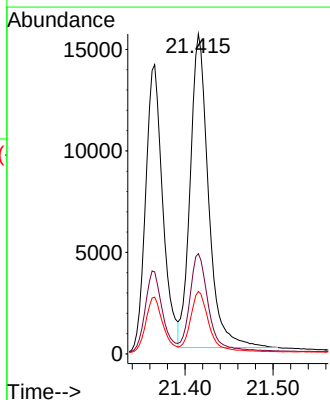
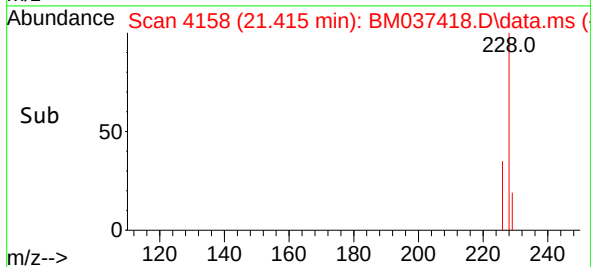
Tgt Ion:228 Resp: 19417
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 28.3 22.6 33.8

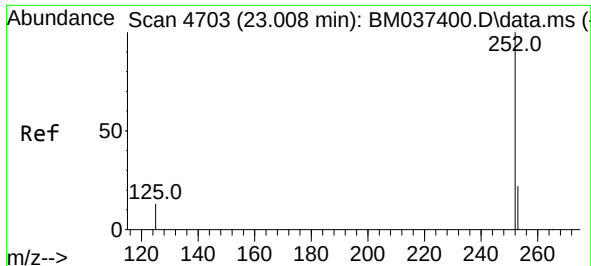


#22
Chrysene
Concen: 0.418 ng/ul
RT: 21.415 min Scan# 4158
Delta R.T. -0.009 min
Lab File: BM037418.D
Acq: 08 Nov 2022 07:32



Tgt Ion:228 Resp: 22308
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 19.5 15.6 23.4

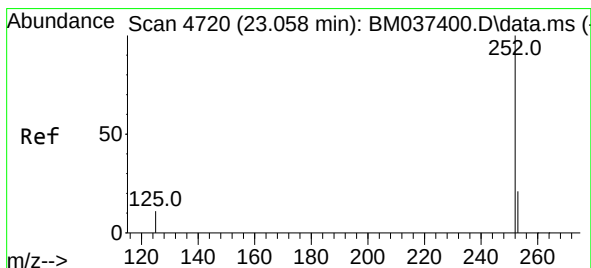
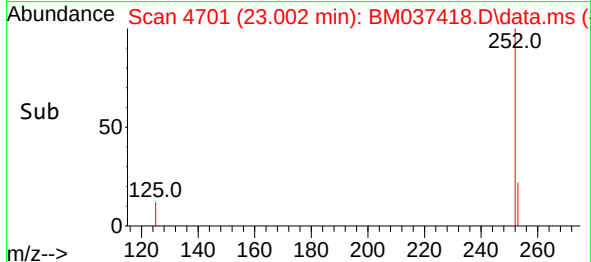
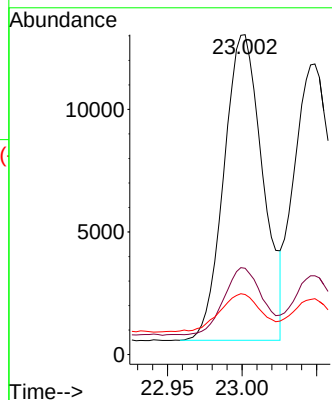
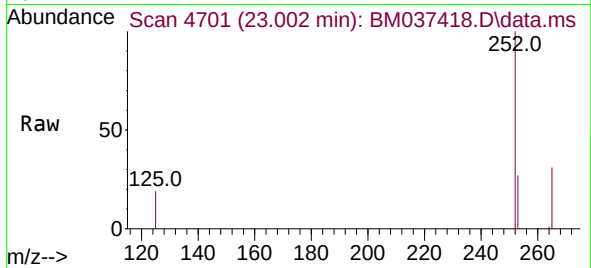




#24
Benzo(b)fluoranthene
Concen: 0.433 ng/ul
RT: 23.002 min Scan# 4717
Delta R.T. -0.009 min
Lab File: BM037418.D
Acq: 08 Nov 2022 07:32

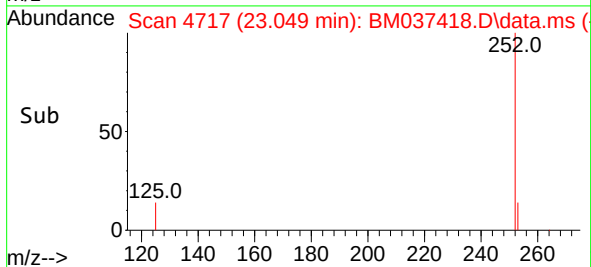
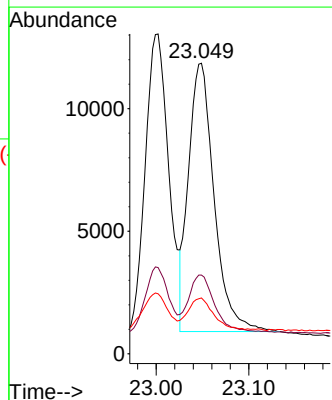
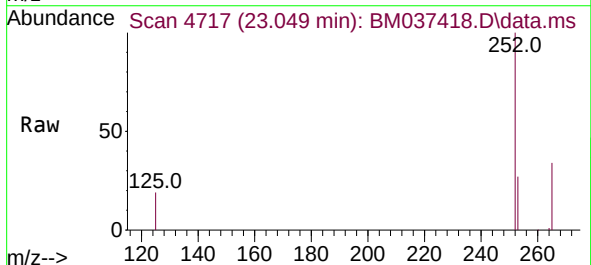
Instrument :
BNA_M
ClientSampleId :
SLCS833

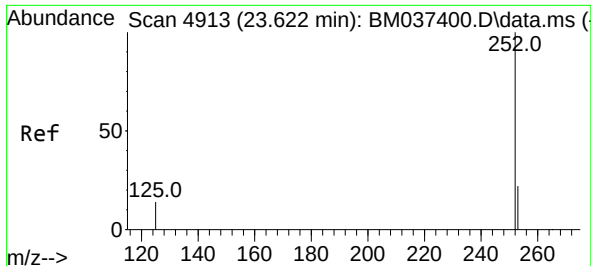
Tgt Ion:252 Resp: 22602
Ion Ratio Lower Upper
252 100
253 27.0 0.0 52.6
125 18.8 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.421 ng/ul
RT: 23.049 min Scan# 4717
Delta R.T. -0.009 min
Lab File: BM037418.D
Acq: 08 Nov 2022 07:32

Tgt Ion:252 Resp: 21047
Ion Ratio Lower Upper
252 100
253 27.1 21.6 32.4
125 19.2 13.8 20.8

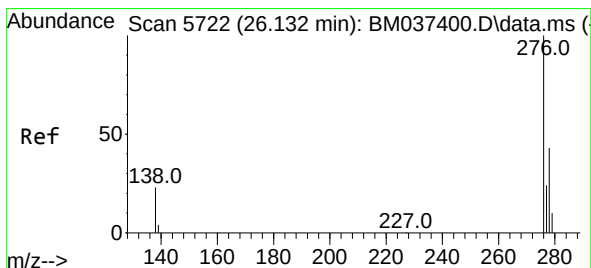
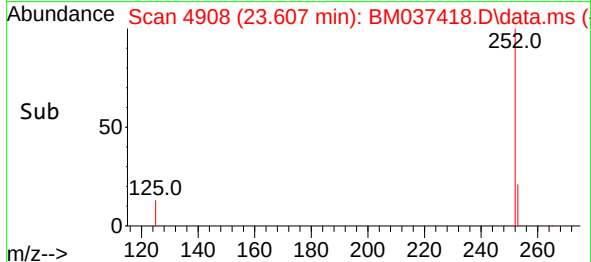
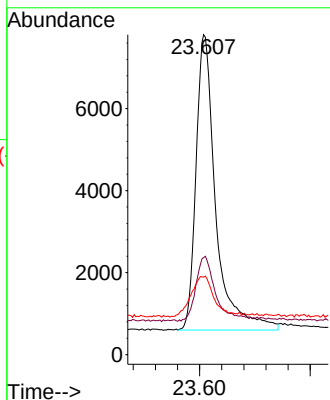
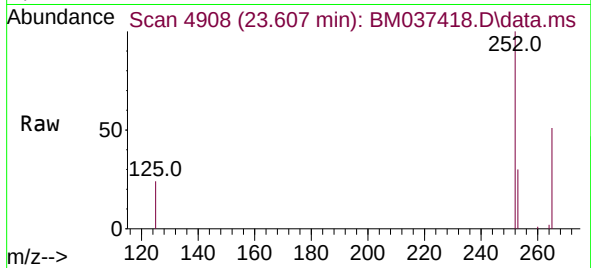




#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.607 min Scan# 4913
Delta R.T. -0.012 min
Lab File: BM037418.D
Acq: 08 Nov 2022 07:32

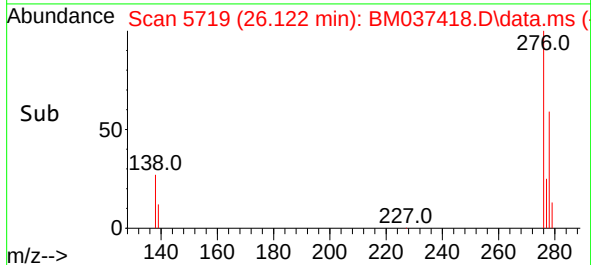
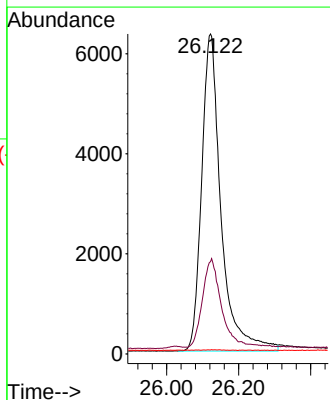
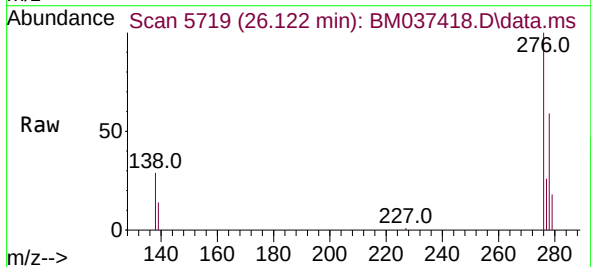
Instrument :
BNA_M
ClientSampleId :
SLCS833

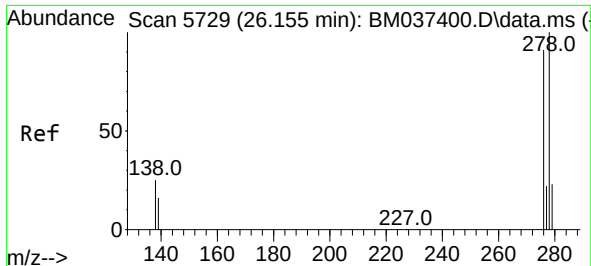
Tgt Ion:252 Resp: 17842
Ion Ratio Lower Upper
252 100
253 30.3 23.8 35.6
125 24.2 17.2 25.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng/ul
RT: 26.122 min Scan# 5719
Delta R.T. -0.017 min
Lab File: BM037418.D
Acq: 08 Nov 2022 07:32

Tgt Ion:276 Resp: 23658
Ion Ratio Lower Upper
276 100
138 28.1 20.8 31.2
227 0.0 0.1 0.1#

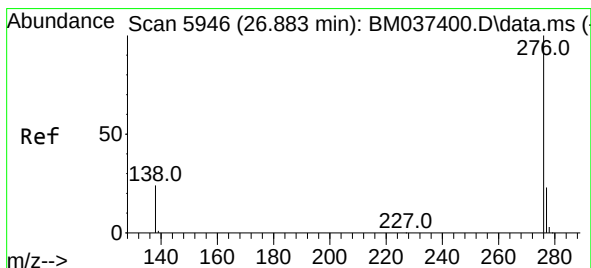
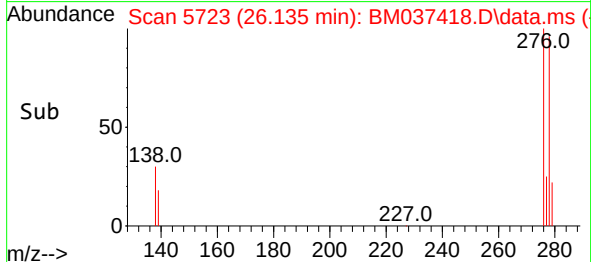
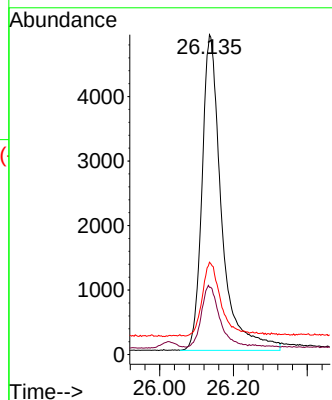
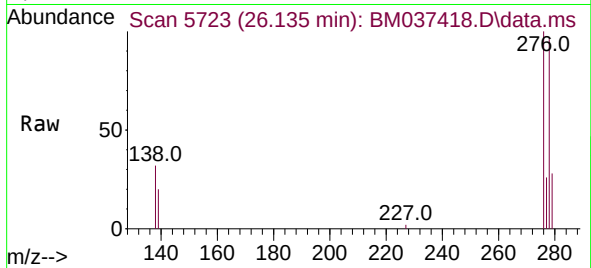




#28
Dibenzo(a,h)anthracene
Concen: 0.402 ng/ul
RT: 26.135 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM037418.D
Acq: 08 Nov 2022 07:32

Instrument :
BNA_M
ClientSampleId :
SLCS833

Tgt Ion:278 Resp: 18007
Ion Ratio Lower Upper
278 100
139 21.0 15.2 22.8
279 28.9 22.2 33.2



#29
Benzo(g,h,i)perylene
Concen: 0.414 ng/ul
RT: 26.859 min Scan# 5939
Delta R.T. -0.020 min
Lab File: BM037418.D
Acq: 08 Nov 2022 07:32

Tgt Ion:276 Resp: 20806
Ion Ratio Lower Upper
276 100
138 26.8 19.6 29.4
277 25.0 20.1 30.1

