

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036903.D
 Acq On : 10 Oct 2022 12:24
 Operator : CG/JU
 Sample : PB148169BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS169

Quant Time: Oct 10 14:53:47 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 00:54:15 2022
 Response via : Initial Calibration

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

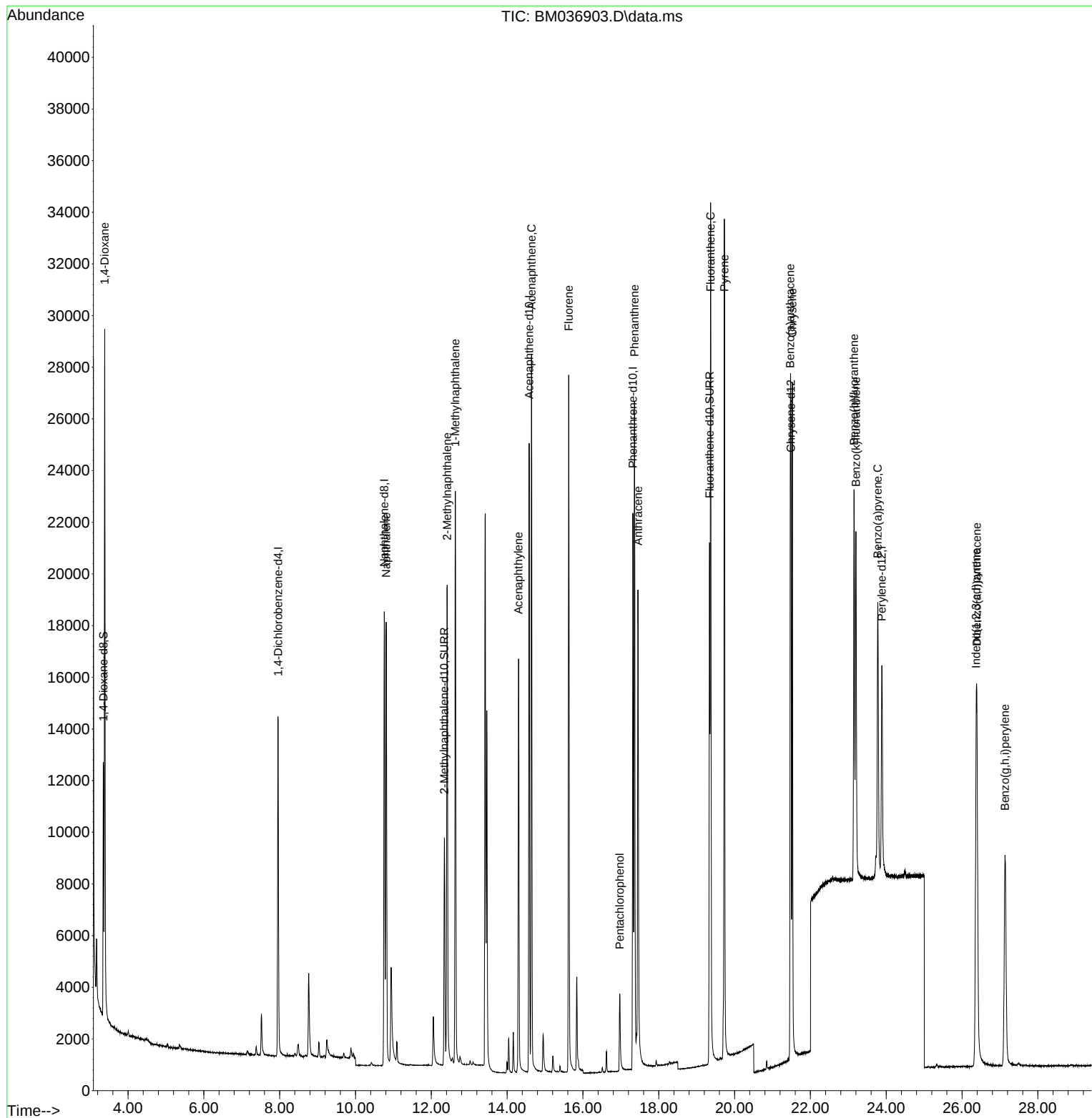
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	7197	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	24411	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.580	164	13225	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	26015	0.400	ng/ul	0.00
17) Chrysene-d12	21.488	240	16550	0.400	ng/ul	0.00
23) Perylene-d12	23.885	264	12019	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	6168	0.608	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	12896	0.350	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	22384	0.452	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.386	88	17001	1.714	ng/ul#	77
5) Naphthalene	10.809	128	24029	0.344	ng/ul	96
7) 2-Methylnaphthalene	12.420	142	14980	0.351	ng/ul	91
8) 1-Methylnaphthalene	12.635	142	15472	0.357	ng/ul	99
10) Acenaphthylene	14.302	152	19239	0.350	ng/ul	98
11) Acenaphthene	14.644	153	16031	0.336	ng/ul	100
12) Fluorene	15.625	166	17871	0.331	ng/ul	99
14) Pentachlorophenol	16.971	266	2594	0.412	ng/ul	97
15) Phenanthrene	17.360	178	28561	0.344	ng/ul	99
16) Anthracene	17.453	178	23817	0.343	ng/ul	99
19) Fluoranthene	19.368	202	29083	0.442	ng/ul	99
20) Pyrene	19.731	202	28698	0.418	ng/ul	99
21) Benzo(a)anthracene	21.471	228	20710	0.346	ng/ul	99
22) Chrysene	21.523	228	23165	0.361	ng/ul	99
24) Benzo(b)fluoranthene	23.151	252	20071	0.374	ng/ul	96
25) Benzo(k)fluoranthene	23.201	252	18500	0.354	ng/ul	96
26) Benzo(a)pyrene	23.777	252	17663	0.405	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.373	276	20947	0.339	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.390	278	17315	0.347	ng/ul	92
29) Benzo(g,h,i)perylene	27.134	276	19130	0.352	ng/ul	99

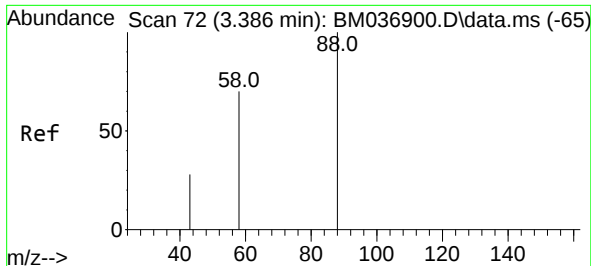
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036903.D
Acq On : 10 Oct 2022 12:24
Operator : CG/JU
Sample : PB148169BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS169

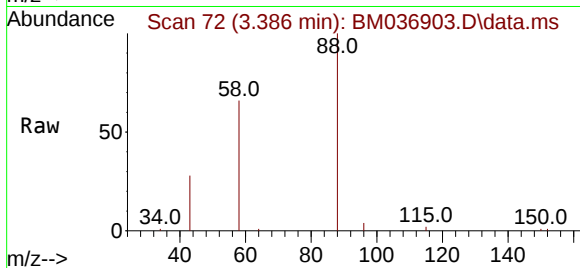
Quant Time: Oct 10 14:53:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 10 00:54:15 2022
Response via : Initial Calibration



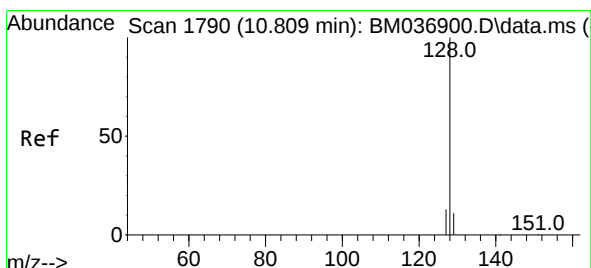
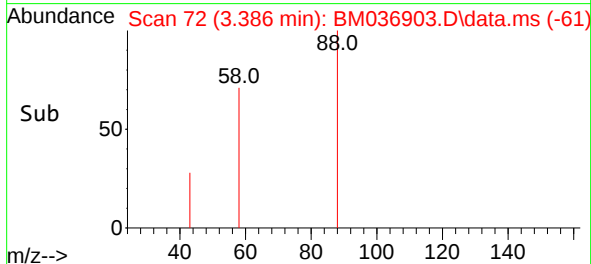
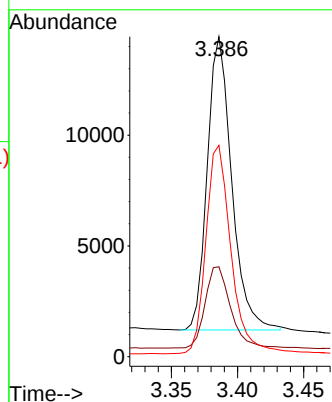


#2
1,4-Dioxane
Concen: 1.714 ng/ul
RT: 3.386 min Scan# 72
Delta R.T. -0.004 min
Lab File: BM036903.D
Acq: 10 Oct 2022 12:24

Instrument :
BNA_M
ClientSampleId :
SLCS169

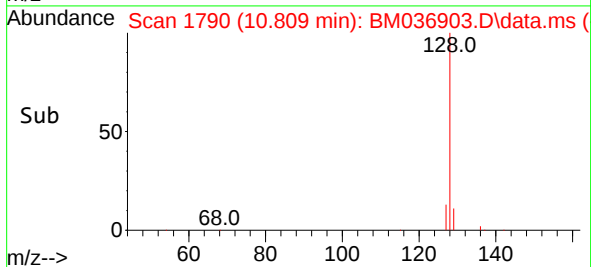
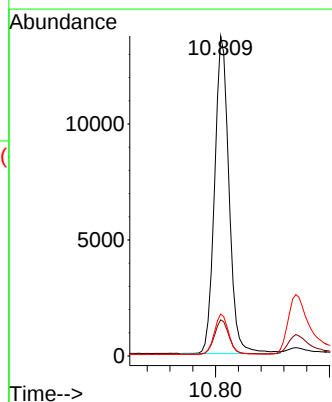
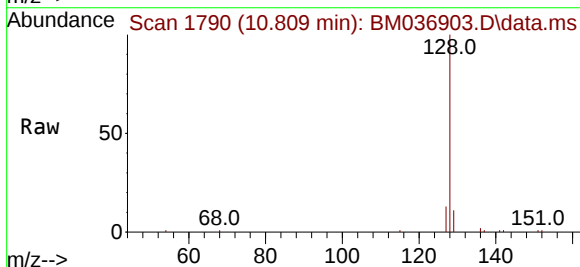


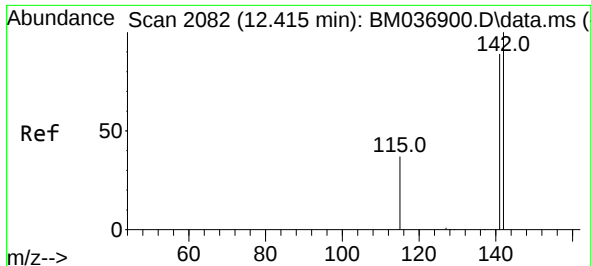
Tgt Ion: 88 Resp: 17001
Ion Ratio Lower Upper
88 100
43 28.1 37.8 56.6#
58 66.0 42.6 63.8#



#5
Naphthalene
Concen: 0.344 ng/ul
RT: 10.809 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BM036903.D
Acq: 10 Oct 2022 12:24

Tgt Ion: 128 Resp: 24029
Ion Ratio Lower Upper
128 100
129 11.3 10.2 15.2
127 13.1 11.7 17.5

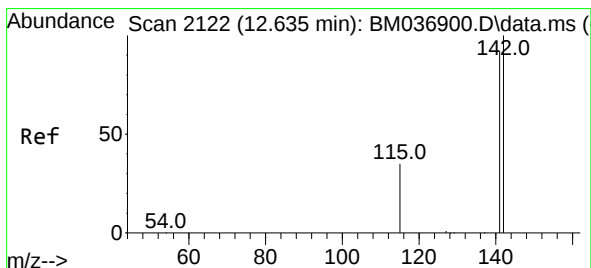
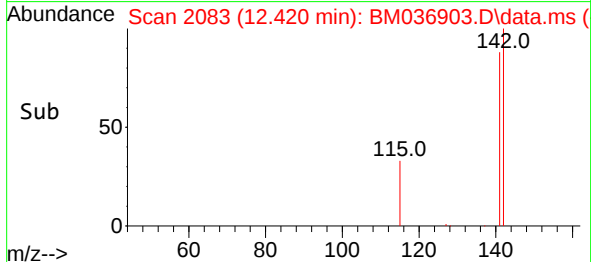
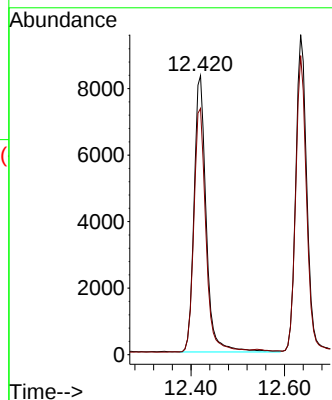
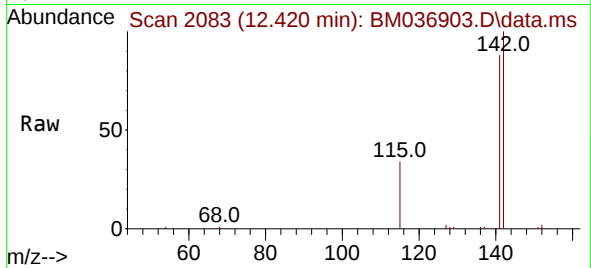




#7
2-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.420 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM036903.D
Acq: 10 Oct 2022 12:24

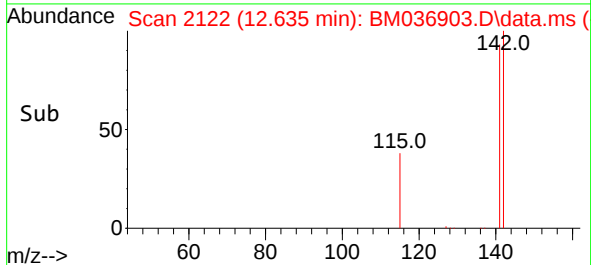
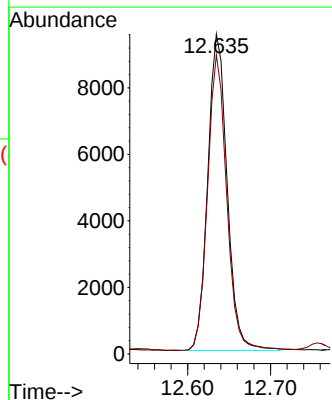
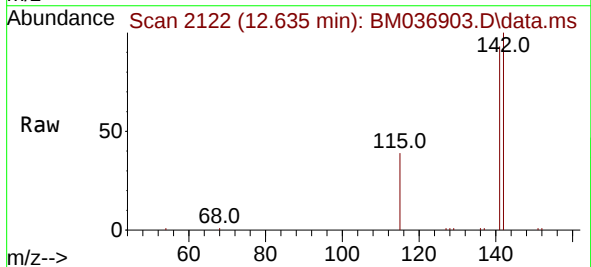
Instrument :
BNA_M
ClientSampleId :
SLCS169

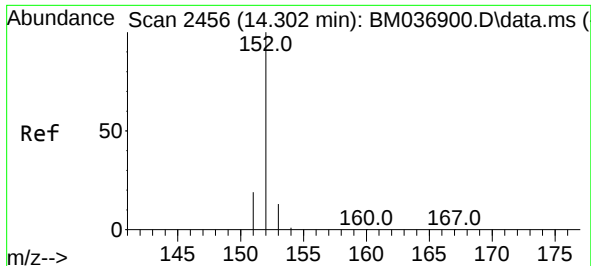
Tgt Ion:142 Resp: 14980
Ion Ratio Lower Upper
142 100
141 88.2 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.635 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BM036903.D
Acq: 10 Oct 2022 12:24

Tgt Ion:142 Resp: 15472
Ion Ratio Lower Upper
142 100
141 91.7 74.1 111.1

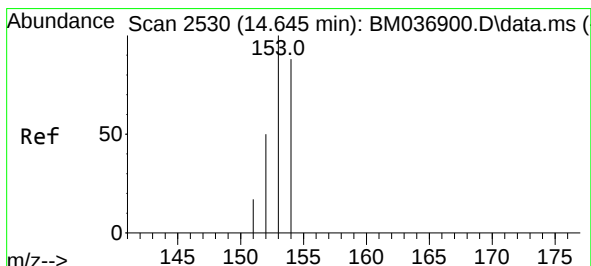
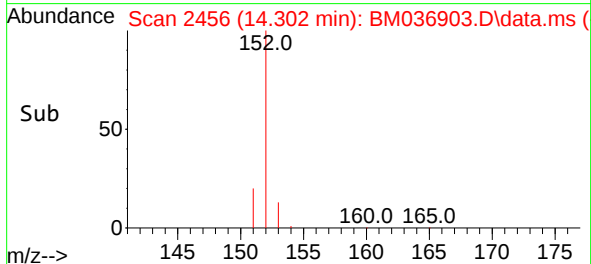
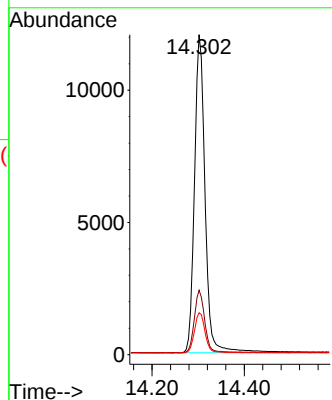
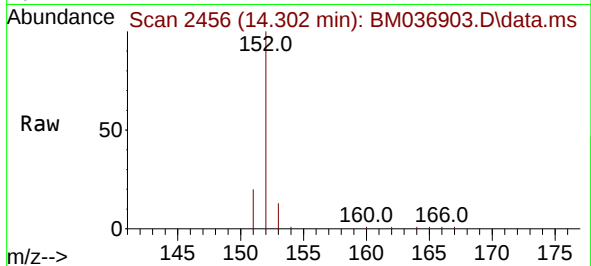




#10
Acenaphthylene
Concen: 0.350 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. -0.006 min
Lab File: BM036903.D
Acq: 10 Oct 2022 12:24

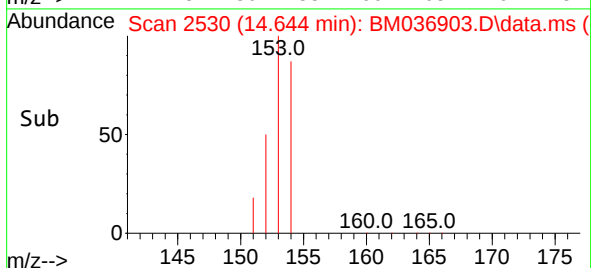
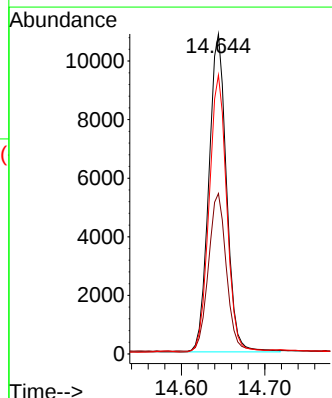
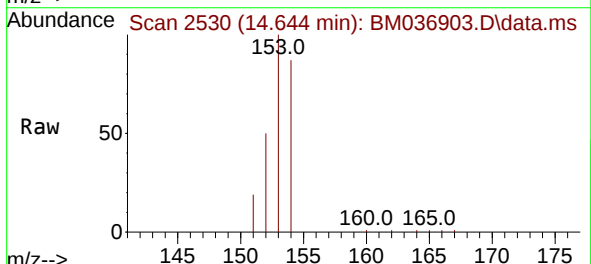
Instrument :
BNA_M
ClientSampleId :
SLCS169

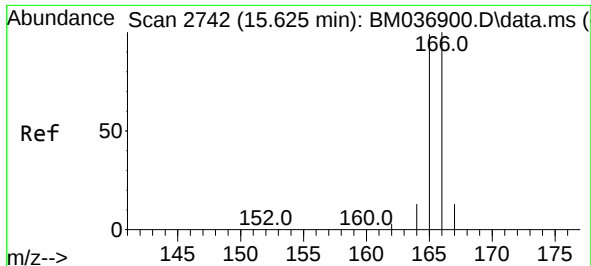
Tgt Ion:152 Resp: 19239
Ion Ratio Lower Upper
152 100
151 20.2 16.6 24.8
153 13.1 11.4 17.0



#11
Acenaphthene
Concen: 0.336 ng/ul
RT: 14.644 min Scan# 2530
Delta R.T. -0.001 min
Lab File: BM036903.D
Acq: 10 Oct 2022 12:24

Tgt Ion:153 Resp: 16031
Ion Ratio Lower Upper
153 100
152 50.2 40.2 60.4
154 87.1 69.7 104.5

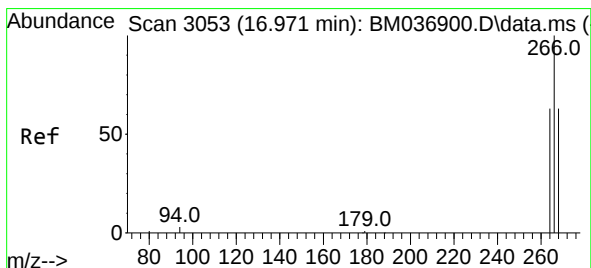
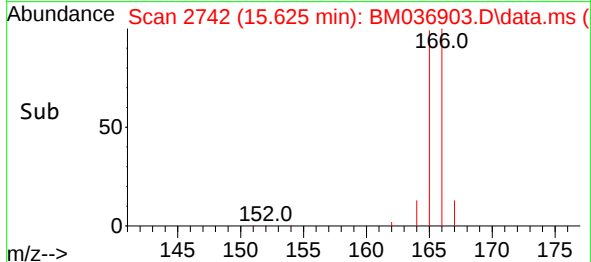
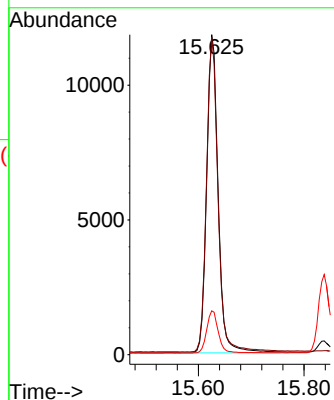
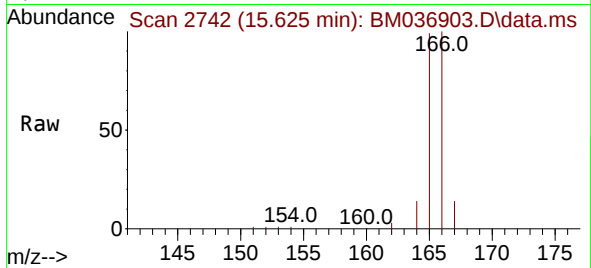




#12
Fluorene
Concen: 0.331 ng/ul
RT: 15.625 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036903.D
Acq: 10 Oct 2022 12:24

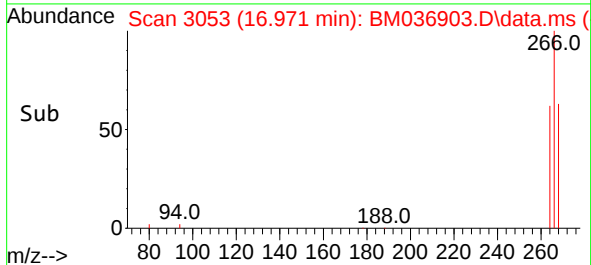
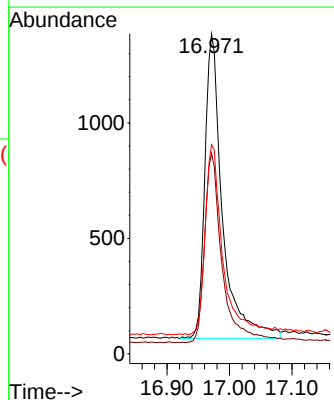
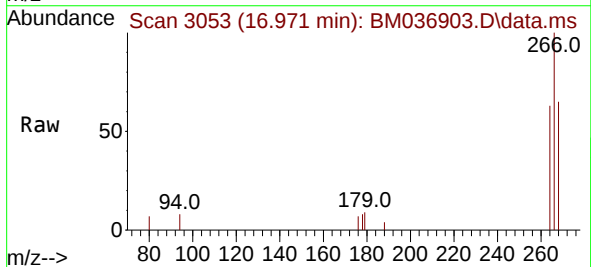
Instrument :
BNA_M
ClientSampleId :
SLCS169

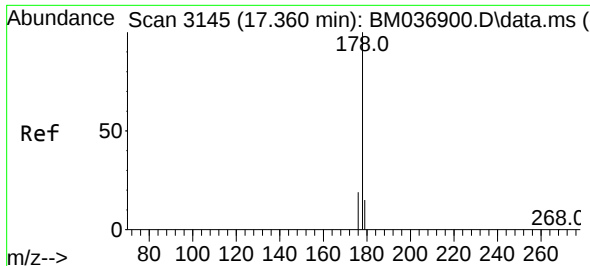
Tgt Ion:166 Resp: 17871
Ion Ratio Lower Upper
166 100
165 99.1 78.9 118.3
167 13.7 11.3 16.9



#14
Pentachlorophenol
Concen: 0.412 ng/ul
RT: 16.971 min Scan# 3053
Delta R.T. -0.005 min
Lab File: BM036903.D
Acq: 10 Oct 2022 12:24

Tgt Ion:266 Resp: 2594
Ion Ratio Lower Upper
266 100
264 61.8 50.3 75.5
268 63.3 53.5 80.3

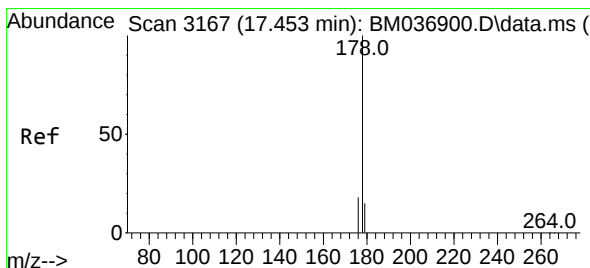
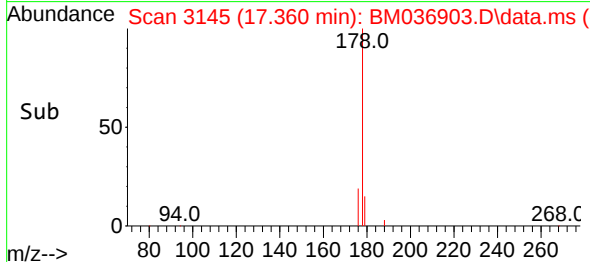
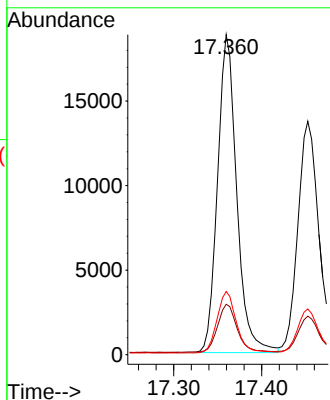
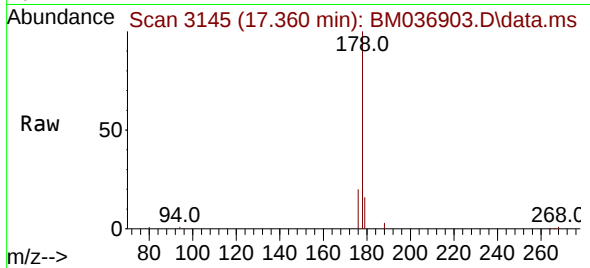




#15
Phenanthrene
Concen: 0.344 ng/ul
RT: 17.360 min Scan# 3145
Delta R.T. -0.005 min
Lab File: BM036903.D
Acq: 10 Oct 2022 12:24

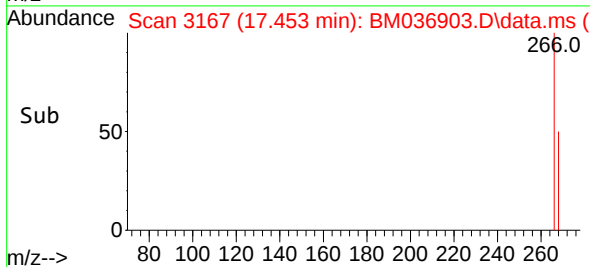
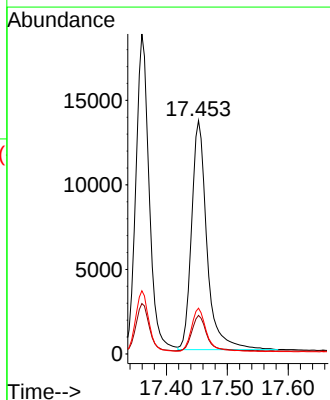
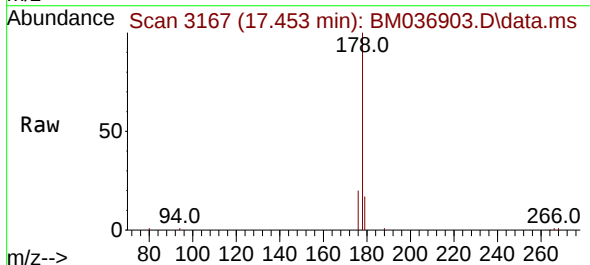
Instrument :
BNA_M
ClientSampleId :
SLCS169

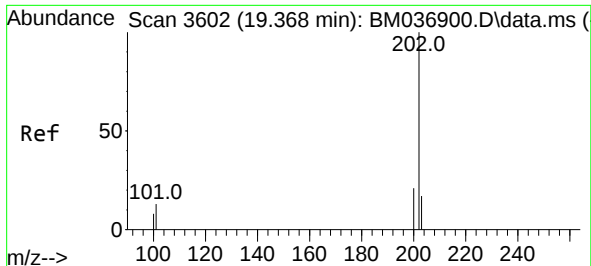
Tgt Ion:	178	Resp:	28561
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.0	19.6
176	19.7	15.6	23.4



#16
Anthracene
Concen: 0.343 ng/ul
RT: 17.453 min Scan# 3167
Delta R.T. -0.001 min
Lab File: BM036903.D
Acq: 10 Oct 2022 12:24

Tgt Ion:	178	Resp:	23817
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.6	20.4
176	19.6	15.6	23.4

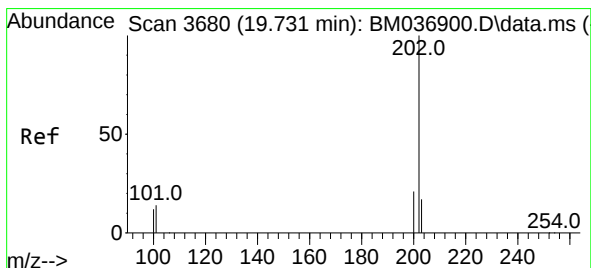
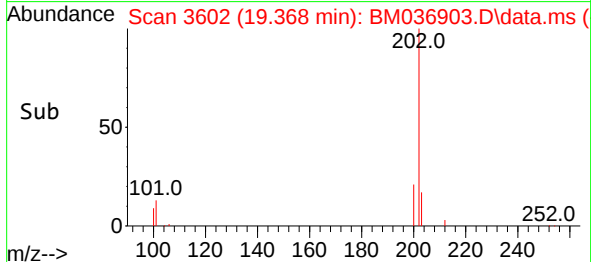
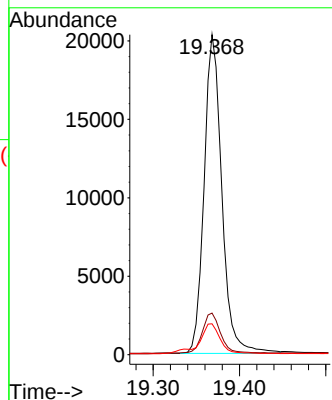
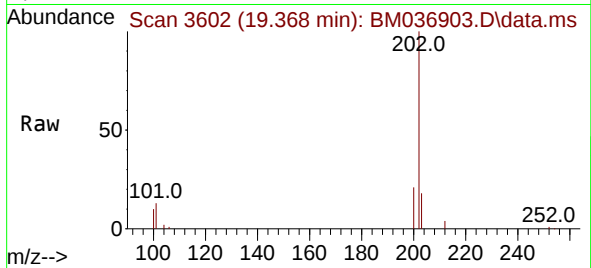




#19
Fluoranthene
Concen: 0.442 ng/ul
RT: 19.368 min Scan# 3602
Delta R.T. -0.006 min
Lab File: BM036903.D
Acq: 10 Oct 2022 12:24

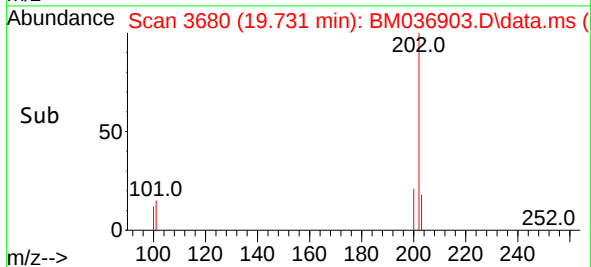
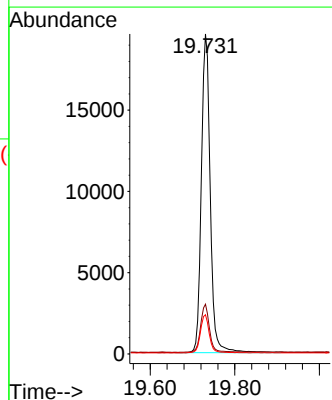
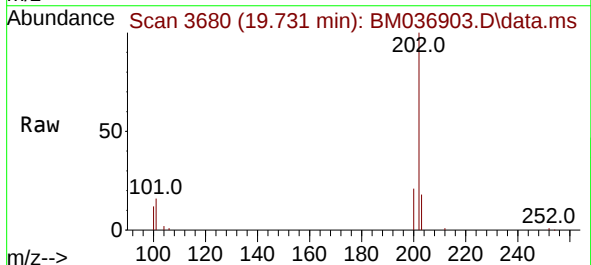
Instrument :
BNA_M
ClientSampleId :
SLCS169

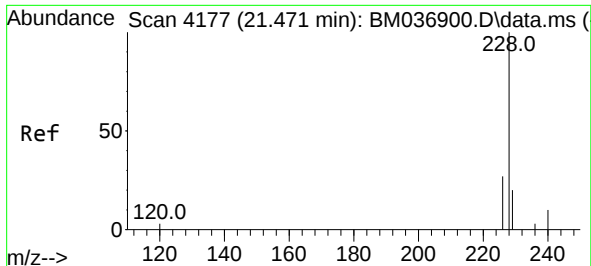
Tgt Ion:202 Resp: 29083
Ion Ratio Lower Upper
202 100
101 13.0 10.1 15.1
100 9.7 7.9 11.9



#20
Pyrene
Concen: 0.418 ng/ul
RT: 19.731 min Scan# 3680
Delta R.T. -0.001 min
Lab File: BM036903.D
Acq: 10 Oct 2022 12:24

Tgt Ion:202 Resp: 28698
Ion Ratio Lower Upper
202 100
101 15.6 12.0 18.0
100 12.3 9.8 14.6

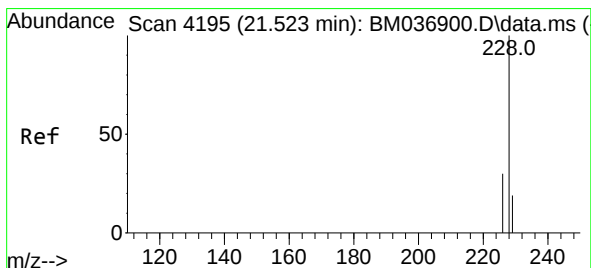
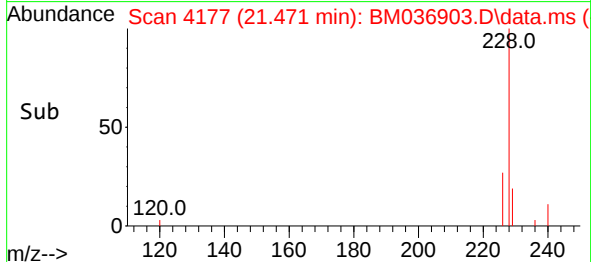
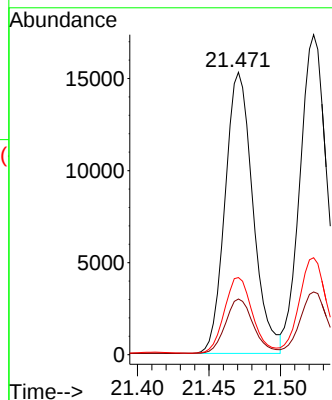
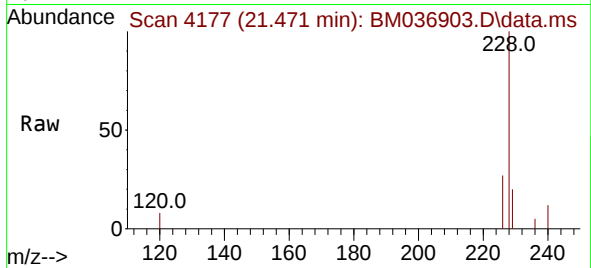




#21
Benzo(a)anthracene
Concen: 0.346 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. -0.002 min
Lab File: BM036903.D
Acq: 10 Oct 2022 12:24

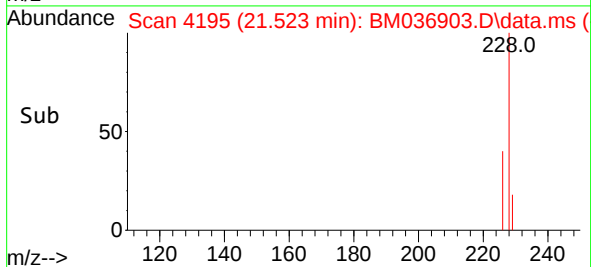
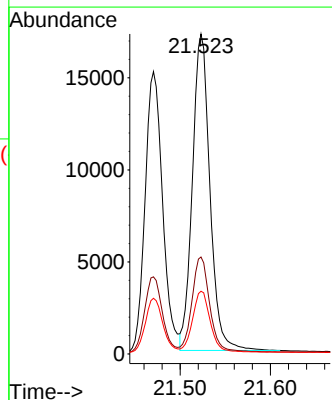
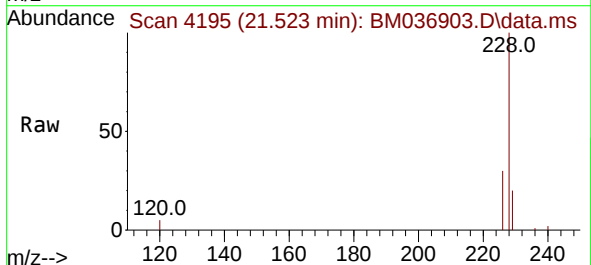
Instrument :
BNA_M
ClientSampleId :
SLCS169

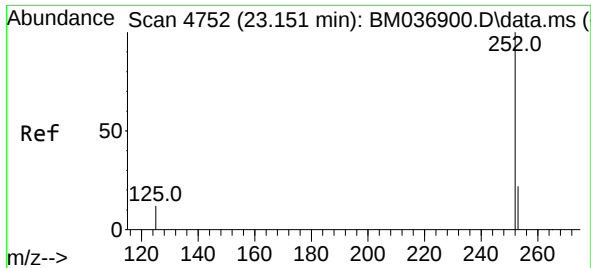
Tgt Ion:228 Resp: 20710
Ion Ratio Lower Upper
228 100
229 19.7 16.2 24.2
226 27.3 22.5 33.7



#22
Chrysene
Concen: 0.361 ng/ul
RT: 21.523 min Scan# 4195
Delta R.T. -0.002 min
Lab File: BM036903.D
Acq: 10 Oct 2022 12:24

Tgt Ion:228 Resp: 23165
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.6 16.4 24.6

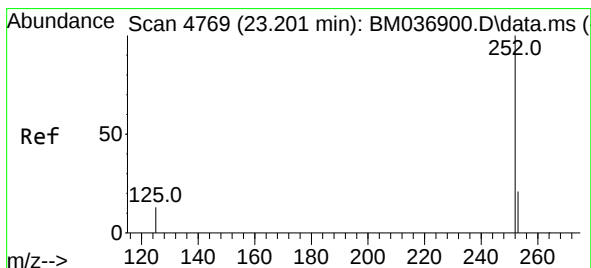
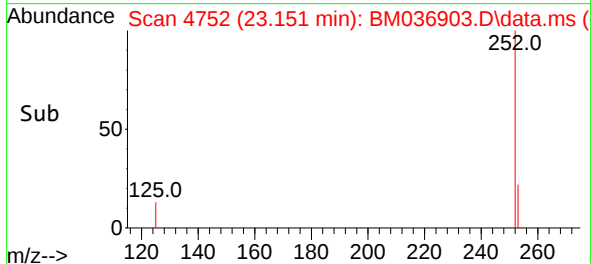
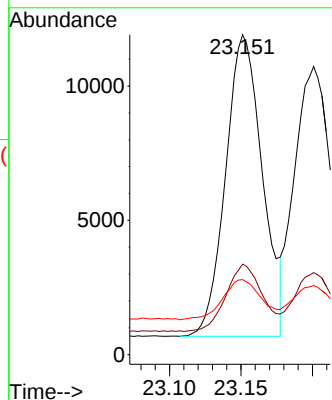
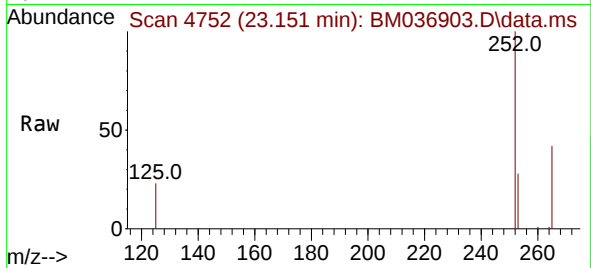




#24
Benzo(b)fluoranthene
Concen: 0.374 ng/ul
RT: 23.151 min Scan# 4752
Delta R.T. -0.005 min
Lab File: BM036903.D
Acq: 10 Oct 2022 12:24

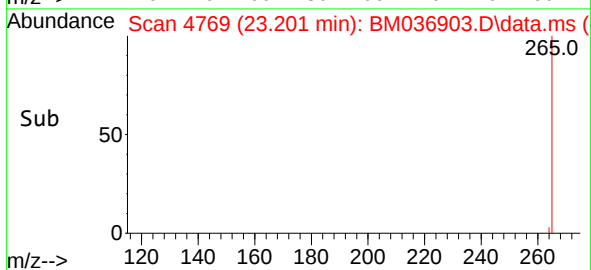
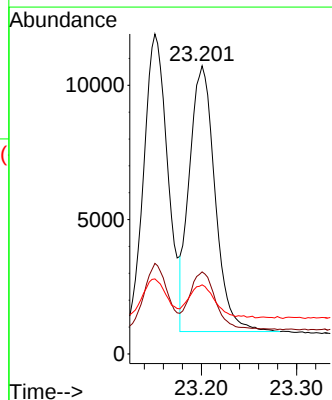
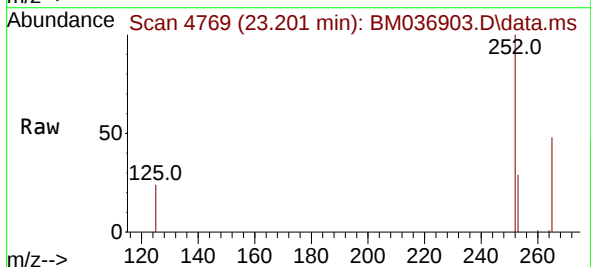
Instrument :
BNA_M
ClientSampleId :
SLCS169

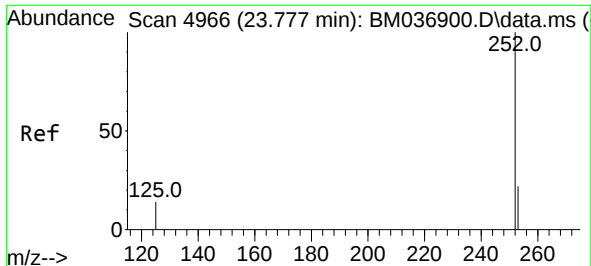
Tgt Ion:252	Resp:	20071
Ion Ratio	Lower	Upper
252	100	
253	28.3	0.0 61.4
125	23.4	0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.354 ng/ul
RT: 23.201 min Scan# 4769
Delta R.T. -0.002 min
Lab File: BM036903.D
Acq: 10 Oct 2022 12:24

Tgt Ion:252	Resp:	18500
Ion Ratio	Lower	Upper
252	100	
253	28.5	25.2 37.8
125	24.0	18.3 27.5

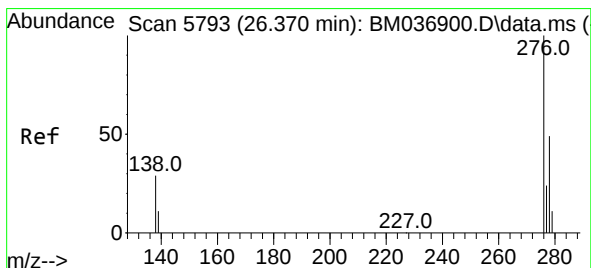
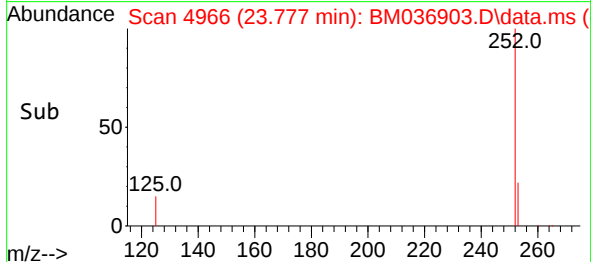
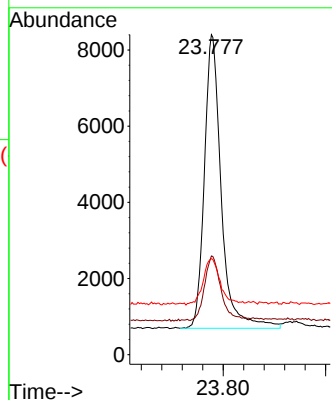
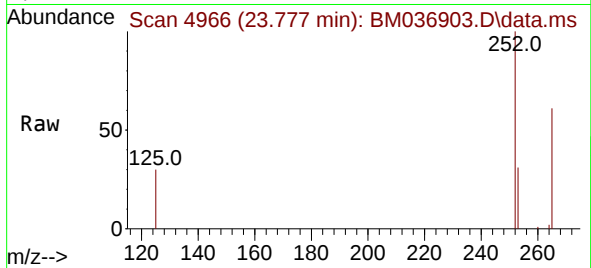




#26
Benzo(a)pyrene
Concen: 0.405 ng/ul
RT: 23.777 min Scan# 4966
Delta R.T. -0.005 min
Lab File: BM036903.D
Acq: 10 Oct 2022 12:24

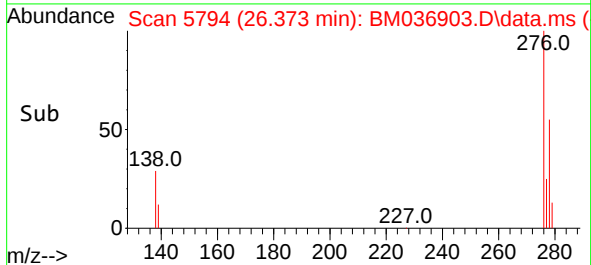
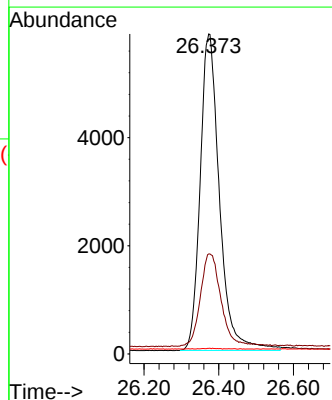
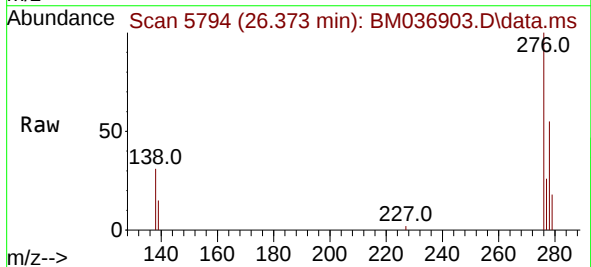
Instrument :
BNA_M
ClientSampleId :
SLCS169

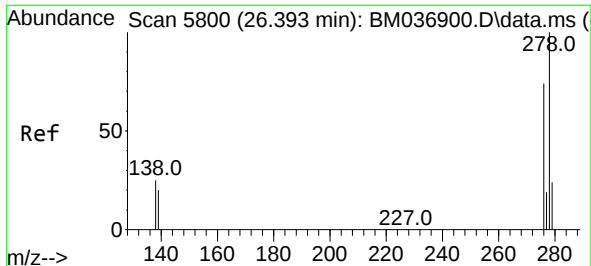
Tgt Ion:252	Resp:	17663
Ion Ratio	Lower	Upper
252	100	
253	30.8	29.7 44.5
125	30.0	23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.339 ng/ul
RT: 26.373 min Scan# 5794
Delta R.T. -0.009 min
Lab File: BM036903.D
Acq: 10 Oct 2022 12:24

Tgt Ion:276	Resp:	20947
Ion Ratio	Lower	Upper
276	100	
138	31.4	23.9 35.9
227	0.2	0.1 0.1#

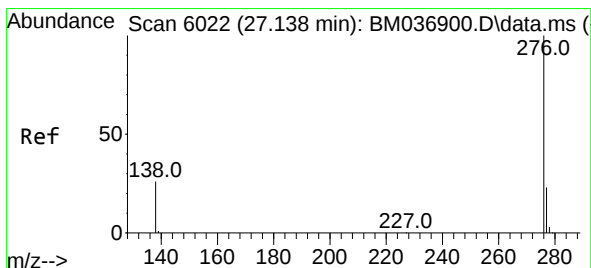
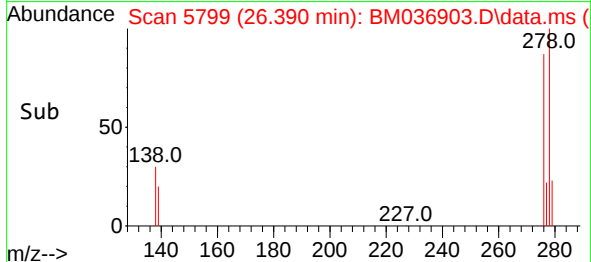
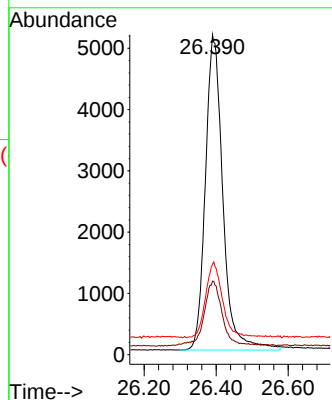
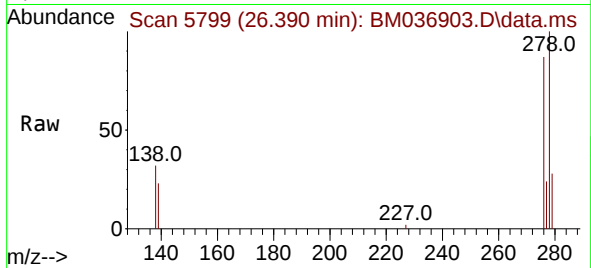




#28
Dibenzo(a,h)anthracene
Concen: 0.347 ng/ul
RT: 26.390 min Scan# 51
Delta R.T. -0.009 min
Lab File: BM036903.D
Acq: 10 Oct 2022 12:24

Instrument :
BNA_M
ClientSampleId :
SLCS169

Tgt Ion:278 Resp: 17315
Ion Ratio Lower Upper
278 100
139 23.0 19.8 29.6
279 28.3 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.352 ng/ul
RT: 27.134 min Scan# 6021
Delta R.T. -0.013 min
Lab File: BM036903.D
Acq: 10 Oct 2022 12:24

Tgt Ion:276 Resp: 19130
Ion Ratio Lower Upper
276 100
138 29.2 23.4 35.0
277 25.4 21.0 31.4

