

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082622\
 Data File : BM036431.D
 Acq On : 26 Aug 2022 18:27
 Operator : CG/JU
 Sample : PB147283BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS283

Quant Time: Aug 26 23:09:15 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM082622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 14:26:34 2022
 Response via : Initial Calibration

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

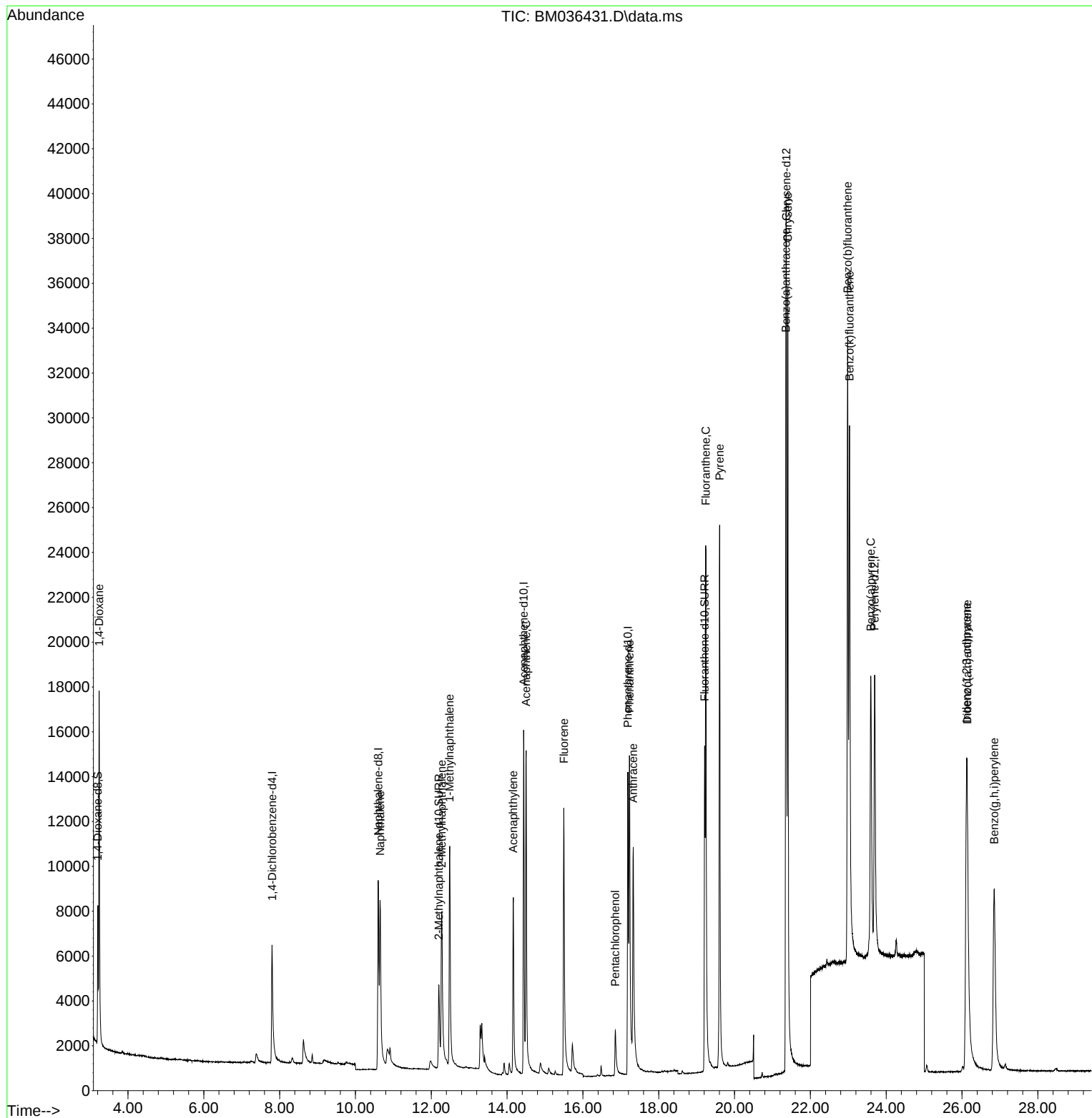
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	4272	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	17571	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.436	164	9784	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.187	188	21463	0.400	ng/ul	0.00
17) Chrysene-d12	21.366	240	28225	0.400	ng/ul #	0.00
23) Perylene-d12	23.695	264	19960	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	3835	0.667	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	8198	0.292	ng/ul	0.01
18) Fluoranthene-d10	19.210	212	19132	0.549	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	10149	1.868	ng/ul#	79
5) Naphthalene	10.650	128	14034	0.283	ng/ul	98
7) 2-Methylnaphthalene	12.277	142	8566	0.288	ng/ul	96
8) 1-Methylnaphthalene	12.486	142	8894	0.295	ng/ul	100
10) Acenaphthylene	14.163	152	12507	0.309	ng/ul	100
11) Acenaphthene	14.501	153	9753	0.298	ng/ul	99
12) Fluorene	15.496	166	11230	0.293	ng/ul	100
14) Pentachlorophenol	16.853	266	2164	0.510	ng/ul	98
15) Phenanthrene	17.229	178	18998	0.248	ng/ul	100
16) Anthracene	17.326	178	16886	0.277	ng/ul	99
19) Fluoranthene	19.243	202	24119	0.244	ng/ul	97
20) Pyrene	19.605	202	25211	0.246	ng/ul	98
21) Benzo(a)anthracene	21.351	228	25426	0.217	ng/ul	98
22) Chrysene	21.404	228	34979	0.218	ng/ul	99
24) Benzo(b)fluoranthene	22.982	252	38777	0.267	ng/ul	88
25) Benzo(k)fluoranthene	23.031	252	36793	0.252	ng/ul#	87
26) Benzo(a)pyrene	23.593	252	24896	0.271	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.118	276	26636	0.383	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.135	278	21384	0.363	ng/ul#	90
29) Benzo(g,h,i)perylene	26.849	276	23509	0.374	ng/ul	95

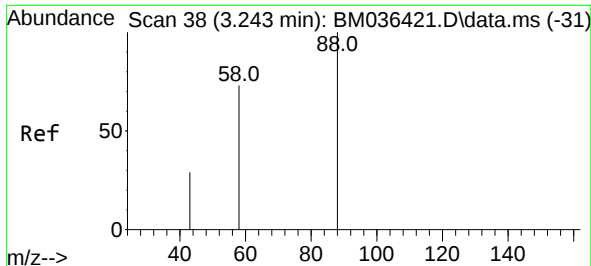
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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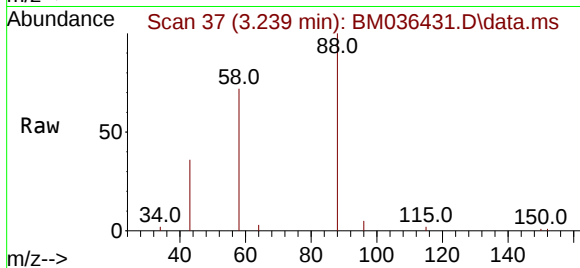
Quant Time: Aug 26 23:09:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM082622.M
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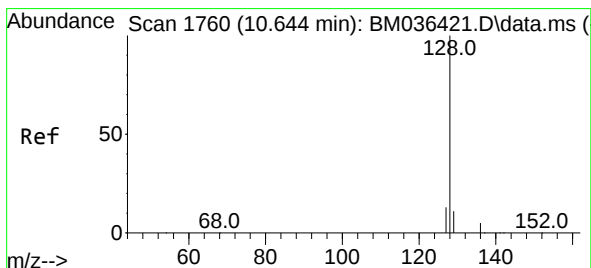
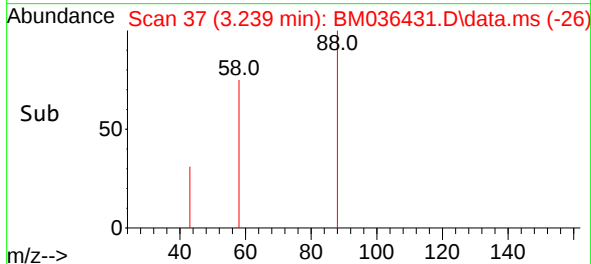
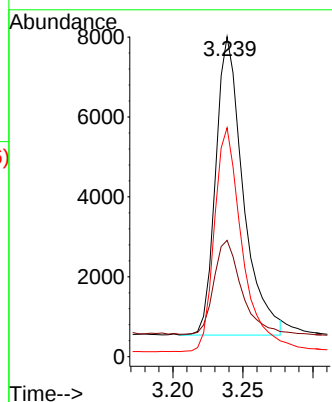


#2
1,4-Dioxane
Concen: 1.868 ng/ul
RT: 3.239 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM036431.D
Acq: 26 Aug 2022 18:27

Instrument :
BNA_M
ClientSampleId :
SLCS283

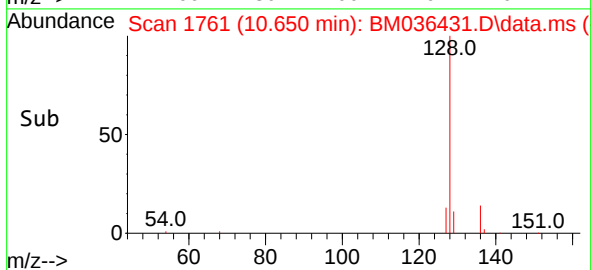
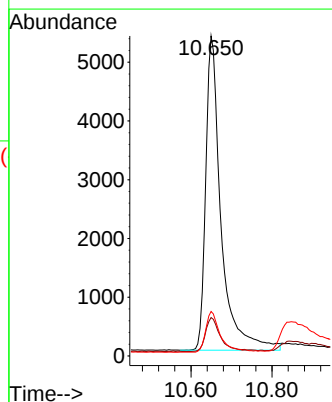
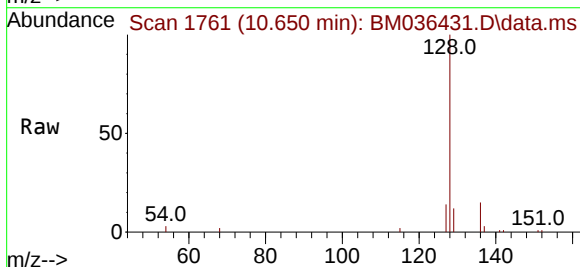


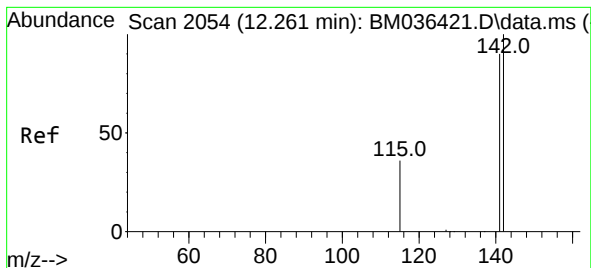
Tgt Ion: 88 Resp: 10149
Ion Ratio Lower Upper
88 100
43 36.4 37.8 56.6#
58 71.6 42.6 63.8#



#5
Naphthalene
Concen: 0.283 ng/ul
RT: 10.650 min Scan# 1761
Delta R.T. 0.005 min
Lab File: BM036431.D
Acq: 26 Aug 2022 18:27

Tgt Ion: 128 Resp: 14034
Ion Ratio Lower Upper
128 100
129 12.0 10.2 15.2
127 13.9 11.7 17.5

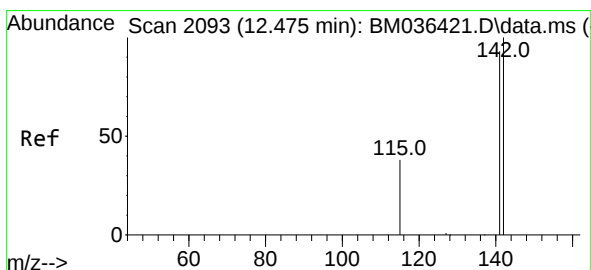
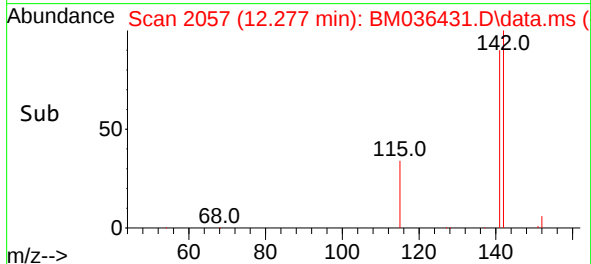
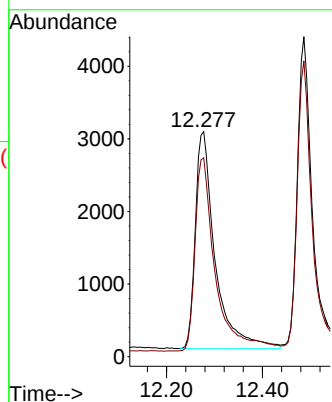
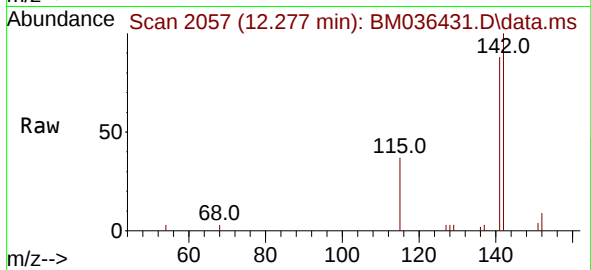




#7
2-Methylnaphthalene
Concen: 0.288 ng/ul
RT: 12.277 min Scan# 2057
Delta R.T. 0.016 min
Lab File: BM036431.D
Acq: 26 Aug 2022 18:27

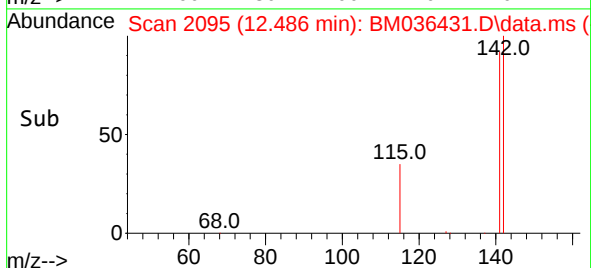
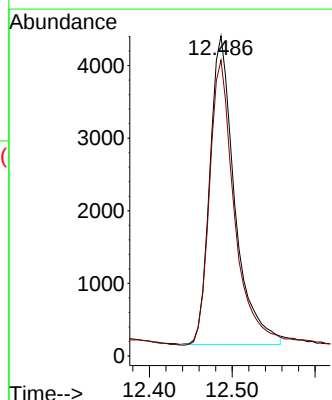
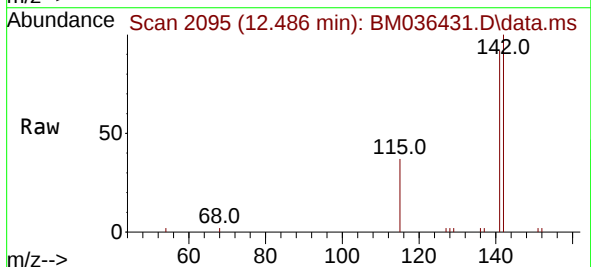
Instrument :
BNA_M
ClientSampleId :
SLCS283

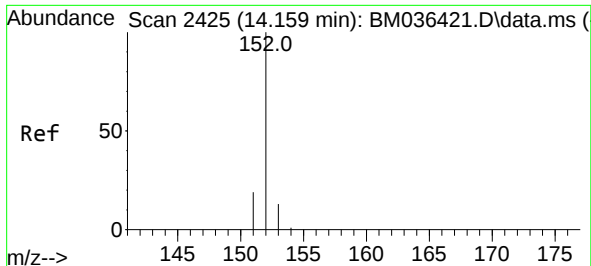
Tgt Ion:142 Resp: 8566
Ion Ratio Lower Upper
142 100
141 92.4 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 12.486 min Scan# 2095
Delta R.T. 0.011 min
Lab File: BM036431.D
Acq: 26 Aug 2022 18:27

Tgt Ion:142 Resp: 8894
Ion Ratio Lower Upper
142 100
141 92.2 74.1 111.1

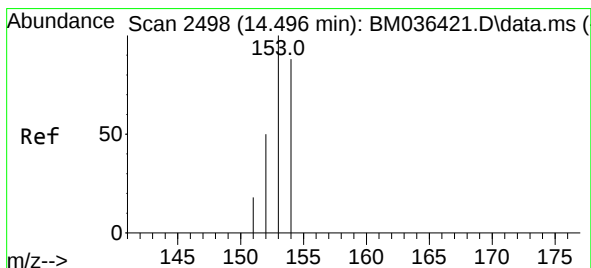
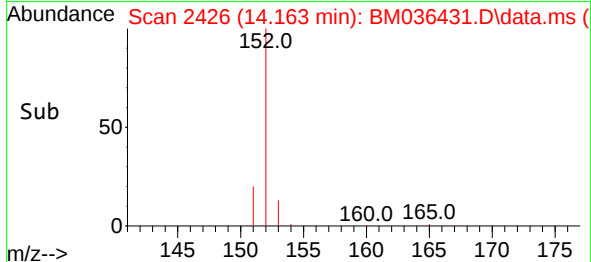
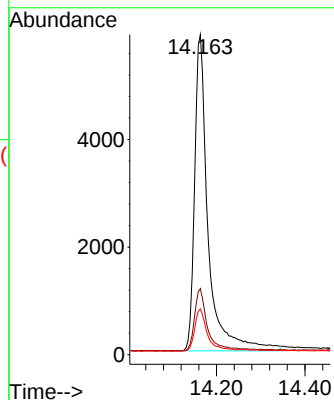
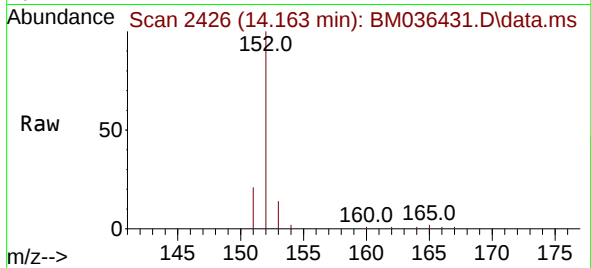




#10
Acenaphthylene
Concen: 0.309 ng/ul
RT: 14.163 min Scan# 2425
Delta R.T. 0.005 min
Lab File: BM036431.D
Acq: 26 Aug 2022 18:27

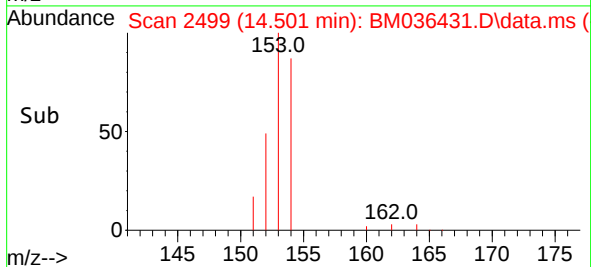
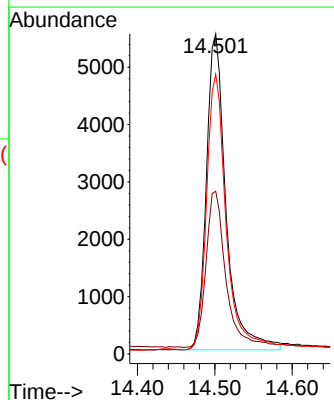
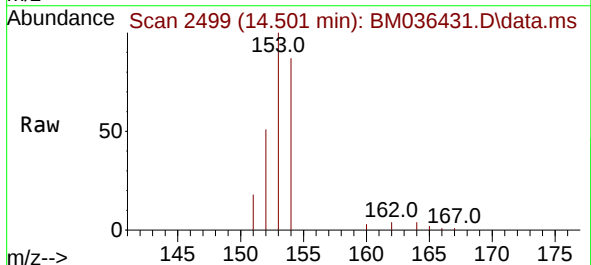
Instrument :
BNA_M
ClientSampleId :
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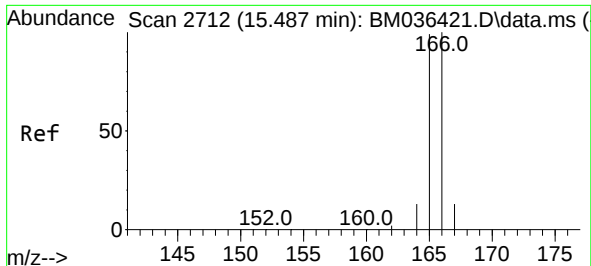
Tgt Ion:152 Resp: 12507
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8
153 14.3 11.4 17.0



#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.501 min Scan# 2499
Delta R.T. 0.005 min
Lab File: BM036431.D
Acq: 26 Aug 2022 18:27

Tgt Ion:153 Resp: 9753
Ion Ratio Lower Upper
153 100
152 50.9 40.2 60.4
154 87.4 69.7 104.5

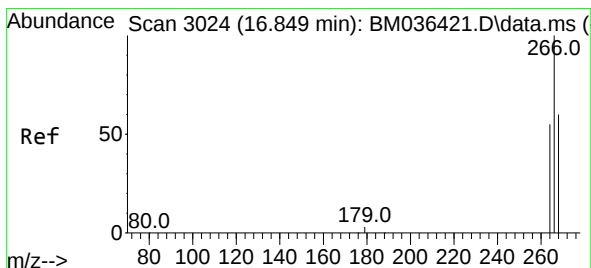
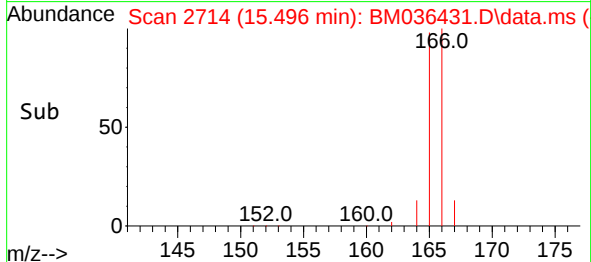
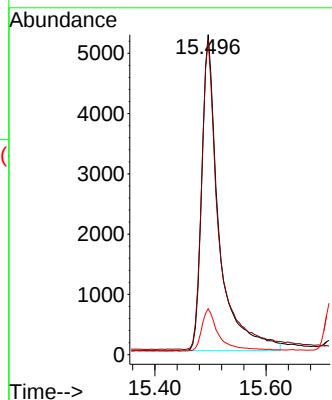
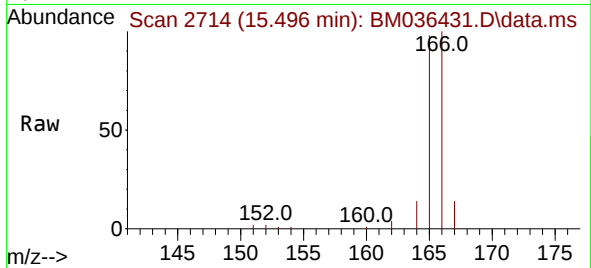




#12
Fluorene
Concen: 0.293 ng/ul
RT: 15.496 min Scan# 21
Delta R.T. 0.009 min
Lab File: BM036431.D
Acq: 26 Aug 2022 18:27

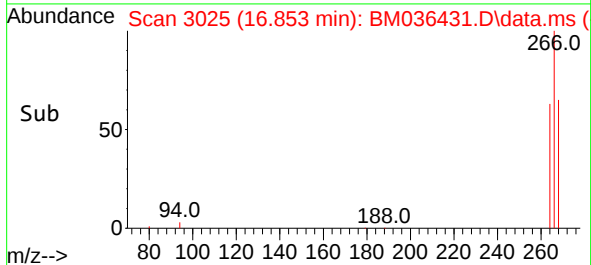
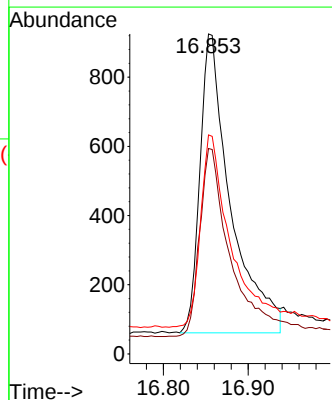
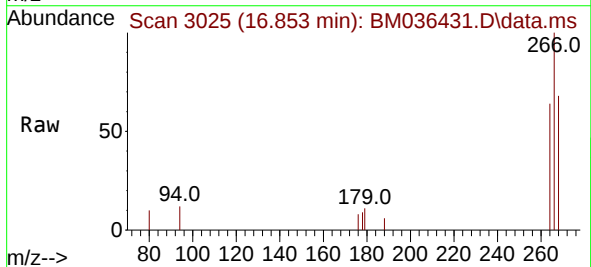
Instrument :
BNA_M
ClientSampleId :
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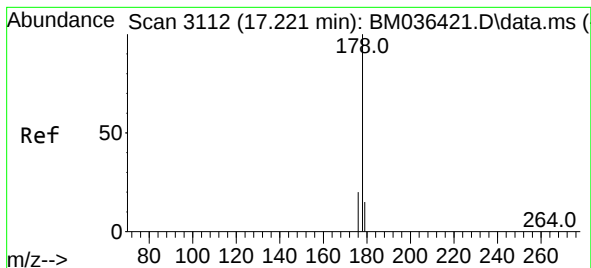
Tgt Ion:166 Resp: 11230
Ion Ratio Lower Upper
166 100
165 98.2 78.9 118.3
167 14.4 11.3 16.9



#14
Pentachlorophenol
Concen: 0.510 ng/ul
RT: 16.853 min Scan# 3025
Delta R.T. 0.004 min
Lab File: BM036431.D
Acq: 26 Aug 2022 18:27

Tgt Ion:266 Resp: 2164
Ion Ratio Lower Upper
266 100
264 62.9 50.3 75.5
268 63.2 53.5 80.3





#15

Phenanthrene

Concen: 0.248 ng/ul

RT: 17.229 min Scan# 3112

Delta R.T. 0.008 min

Lab File: BM036431.D

Acq: 26 Aug 2022 18:27

Instrument :

BNA_M

ClientSampleId :

SLCS283

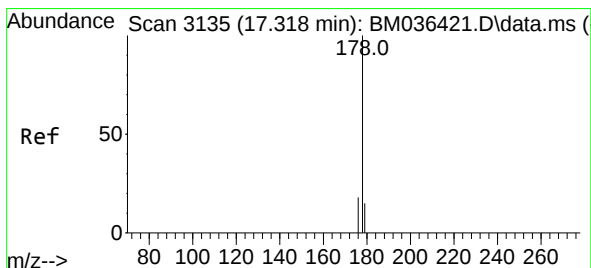
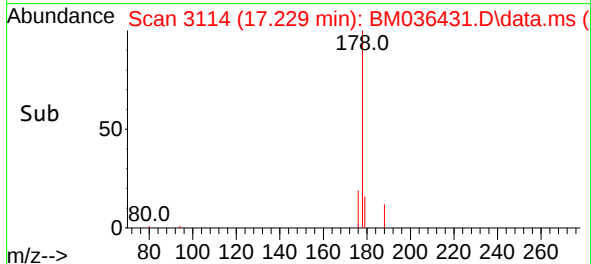
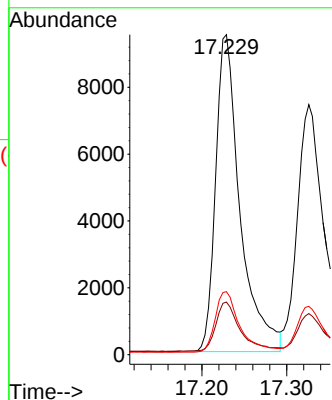
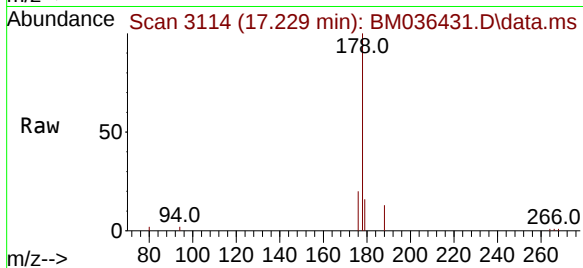
Tgt Ion:178 Resp: 18998

Ion Ratio Lower Upper

178 100

179 16.5 13.0 19.6

176 19.7 15.6 23.4



#16

Anthracene

Concen: 0.277 ng/ul

RT: 17.326 min Scan# 3137

Delta R.T. 0.008 min

Lab File: BM036431.D

Acq: 26 Aug 2022 18:27

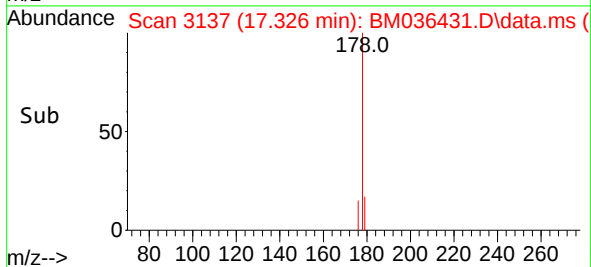
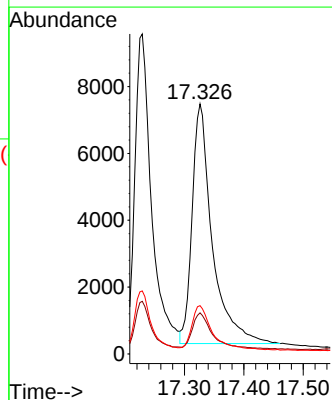
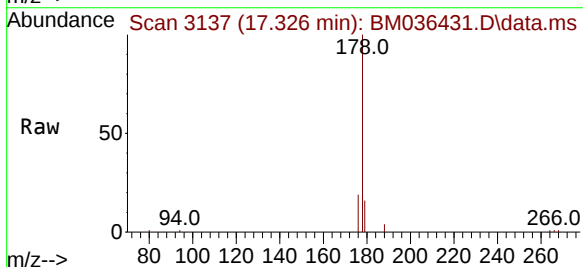
Tgt Ion:178 Resp: 16886

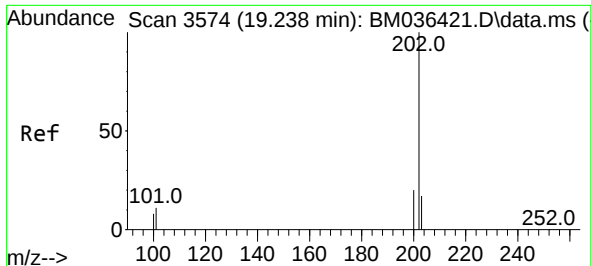
Ion Ratio Lower Upper

178 100

179 16.4 13.6 20.4

176 19.4 15.6 23.4

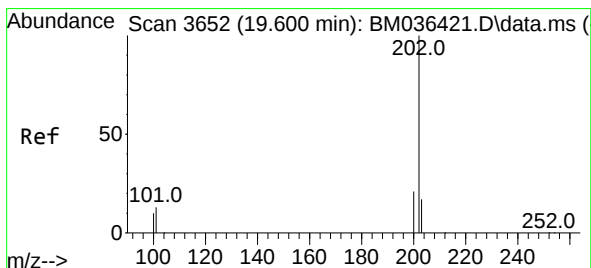
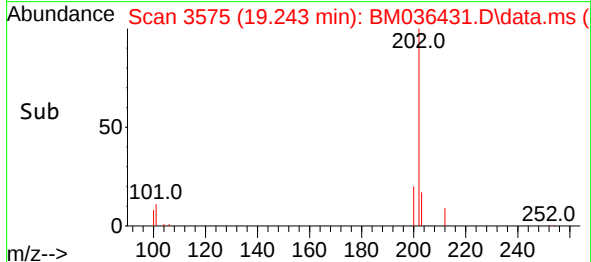
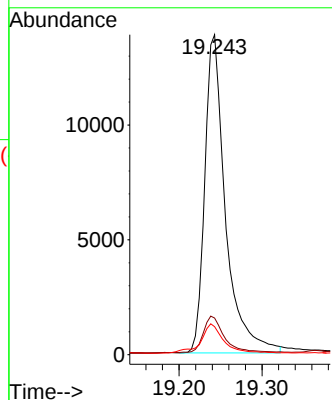
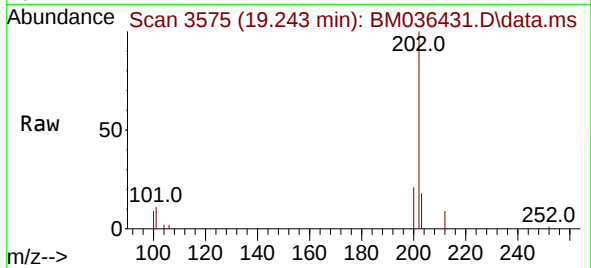




#19
Fluoranthene
Concen: 0.244 ng/ul
RT: 19.243 min Scan# 3575
Delta R.T. 0.005 min
Lab File: BM036431.D
Acq: 26 Aug 2022 18:27

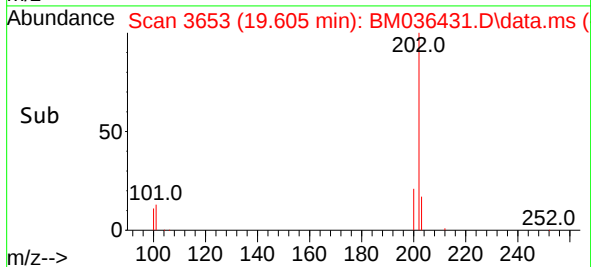
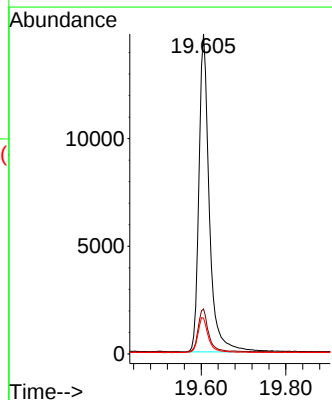
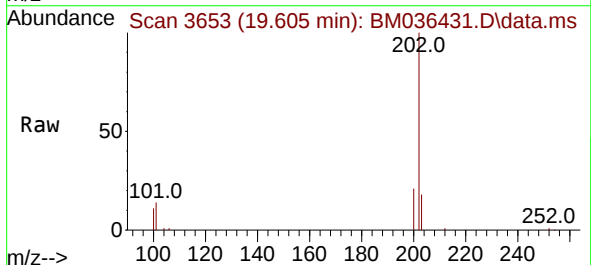
Instrument :
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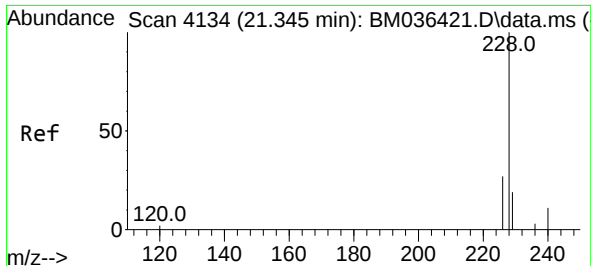
Tgt Ion:202 Resp: 24119
Ion Ratio Lower Upper
202 100
101 11.5 10.1 15.1
100 8.8 7.9 11.9



#20
Pyrene
Concen: 0.246 ng/ul
RT: 19.605 min Scan# 3653
Delta R.T. 0.005 min
Lab File: BM036431.D
Acq: 26 Aug 2022 18:27

Tgt Ion:202 Resp: 25211
Ion Ratio Lower Upper
202 100
101 14.0 12.0 18.0
100 11.2 9.8 14.6

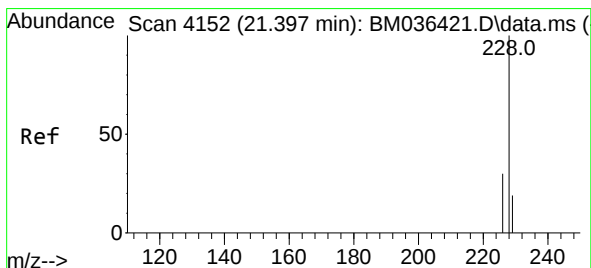
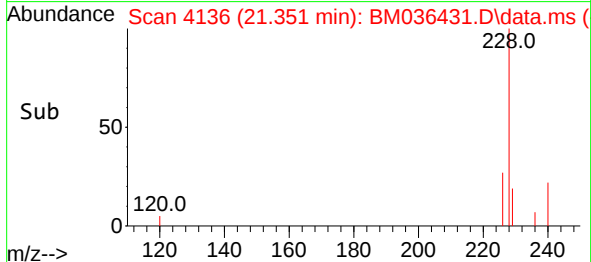
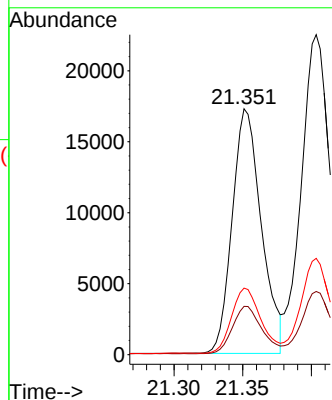
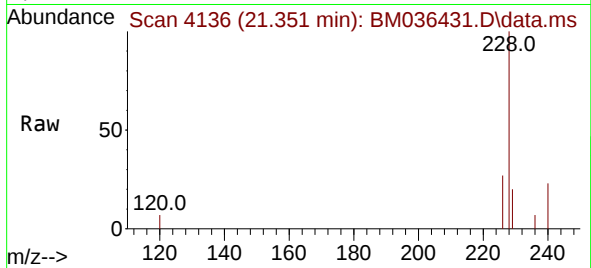




#21
Benzo(a)anthracene
Concen: 0.217 ng/ul
RT: 21.351 min Scan# 4136
Delta R.T. 0.006 min
Lab File: BM036431.D
Acq: 26 Aug 2022 18:27

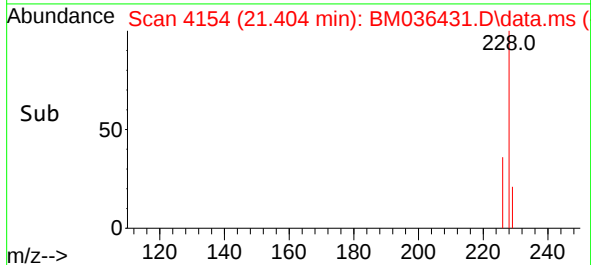
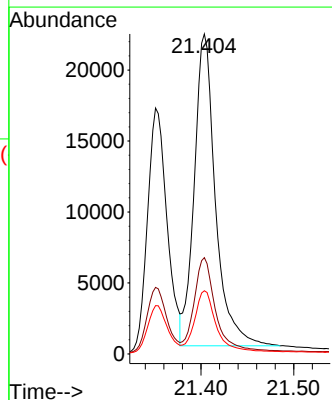
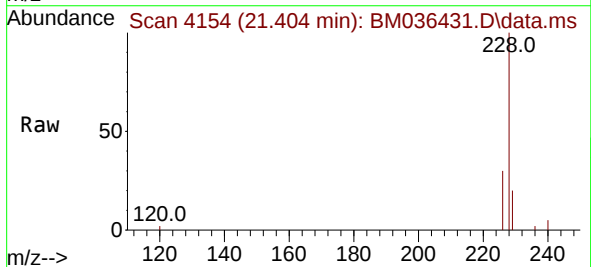
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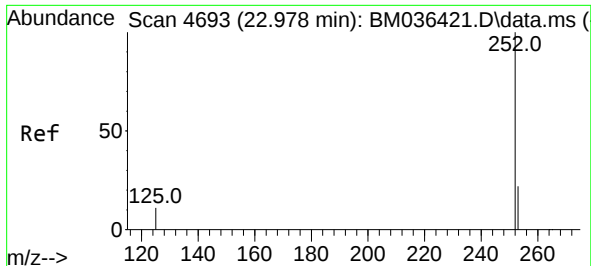
Tgt Ion:228 Resp: 25426
Ion Ratio Lower Upper
228 100
229 19.6 16.2 24.2
226 27.1 22.5 33.7



#22
Chrysene
Concen: 0.218 ng/ul
RT: 21.404 min Scan# 4154
Delta R.T. 0.006 min
Lab File: BM036431.D
Acq: 26 Aug 2022 18:27

Tgt Ion:228 Resp: 34979
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 19.7 16.4 24.6

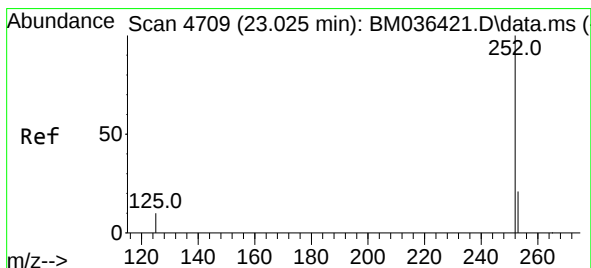
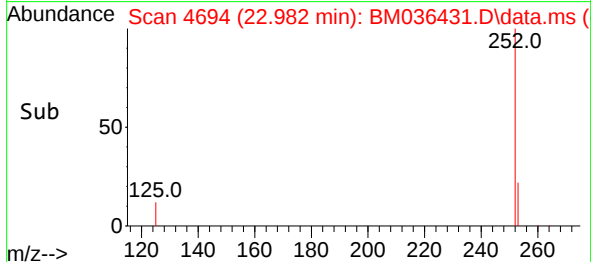
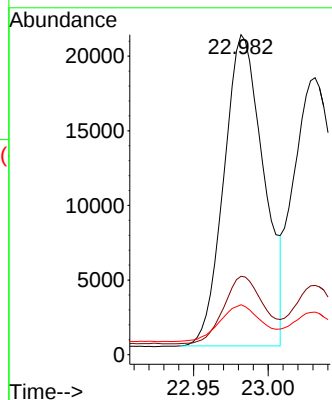
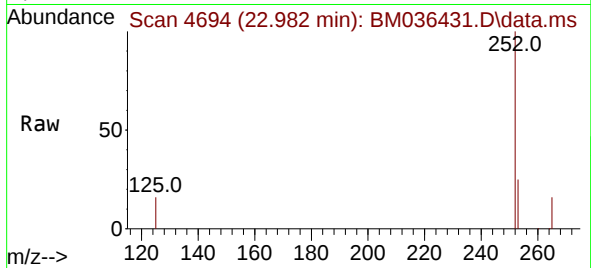




#24
Benzo(b)fluoranthene
Concen: 0.267 ng/ul
RT: 22.982 min Scan# 4710
Delta R.T. 0.003 min
Lab File: BM036431.D
Acq: 26 Aug 2022 18:27

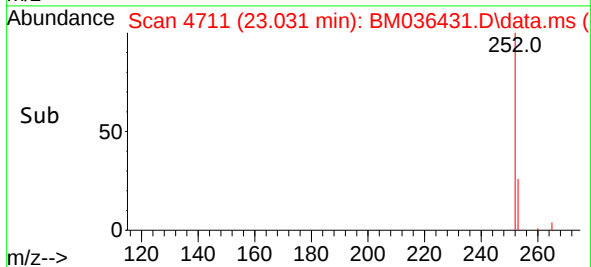
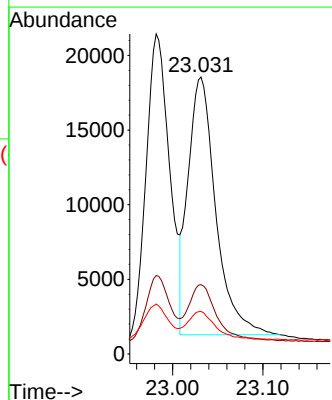
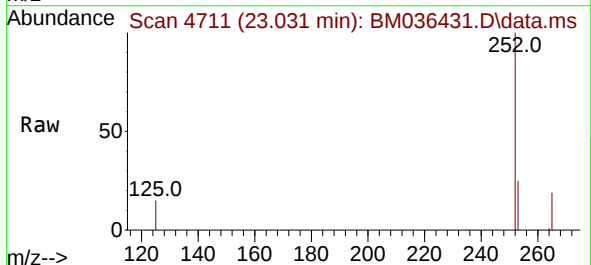
Instrument :
BNA_M
ClientSampleId :
SLCS283

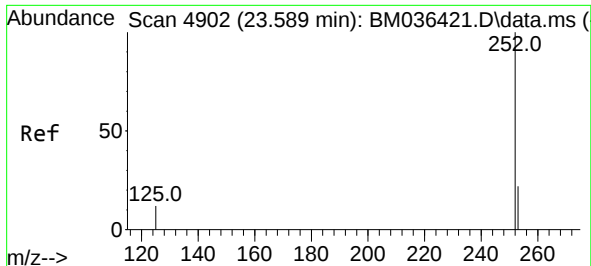
Tgt Ion:252 Resp: 38777
Ion Ratio Lower Upper
252 100
253 24.5 0.0 61.4
125 15.6 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.252 ng/ul
RT: 23.031 min Scan# 4711
Delta R.T. 0.006 min
Lab File: BM036431.D
Acq: 26 Aug 2022 18:27

Tgt Ion:252 Resp: 36793
Ion Ratio Lower Upper
252 100
253 25.0 25.2 37.8#
125 15.4 18.3 27.5#

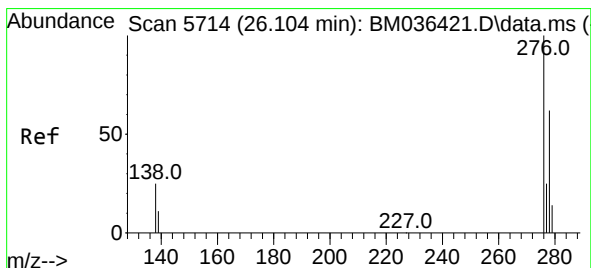
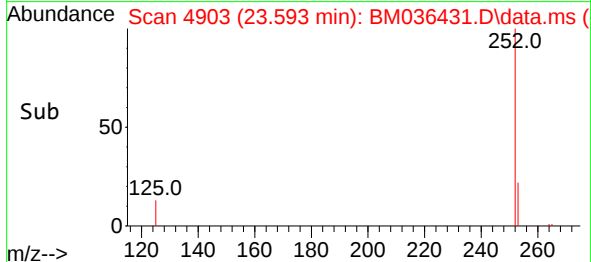
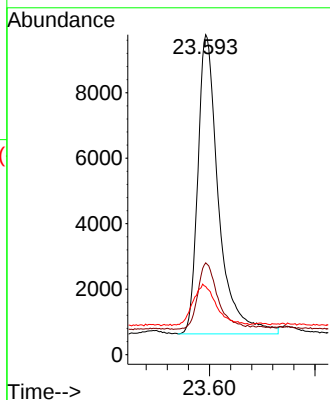
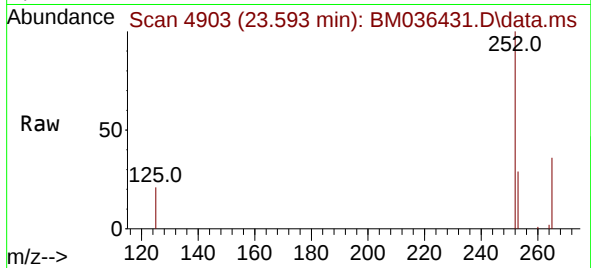




#26
Benzo(a)pyrene
Concen: 0.271 ng/ul
RT: 23.593 min Scan# 4902
Delta R.T. 0.003 min
Lab File: BM036431.D
Acq: 26 Aug 2022 18:27

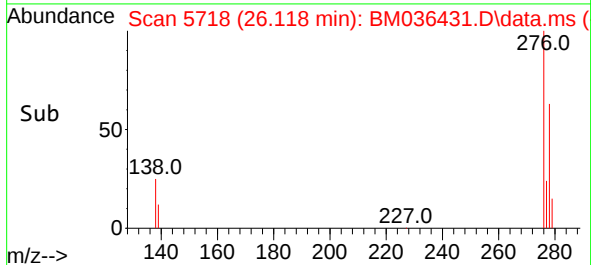
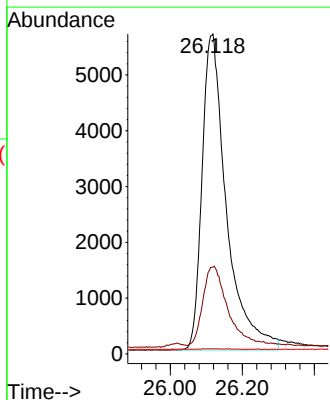
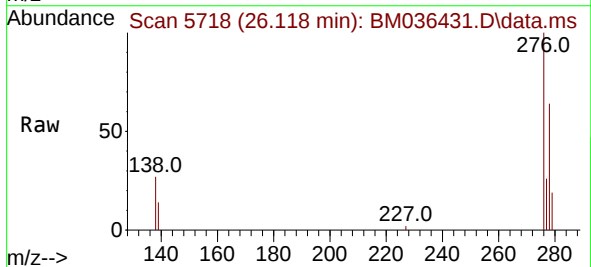
Instrument :
BNA_M
ClientSampleId :
SLCS283

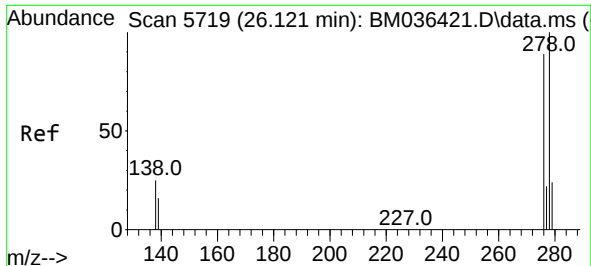
Tgt Ion:252 Resp: 24896
Ion Ratio Lower Upper
252 100
253 28.7 29.7 44.5#
125 21.3 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng/ul
RT: 26.118 min Scan# 5718
Delta R.T. 0.014 min
Lab File: BM036431.D
Acq: 26 Aug 2022 18:27

Tgt Ion:276 Resp: 26636
Ion Ratio Lower Upper
276 100
138 26.2 23.9 35.9
227 0.0 0.1 0.1#

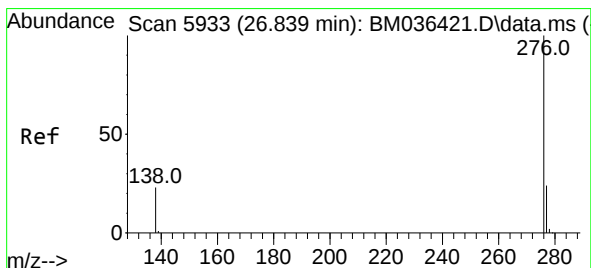
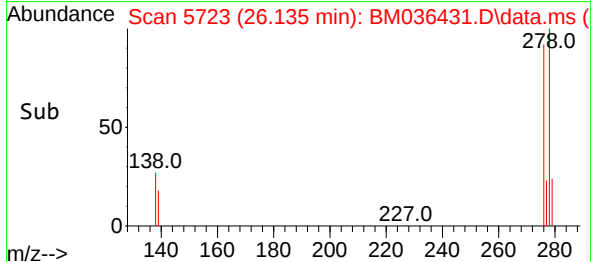
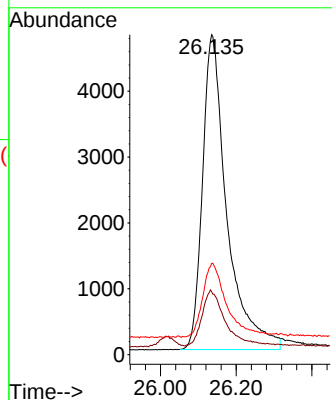
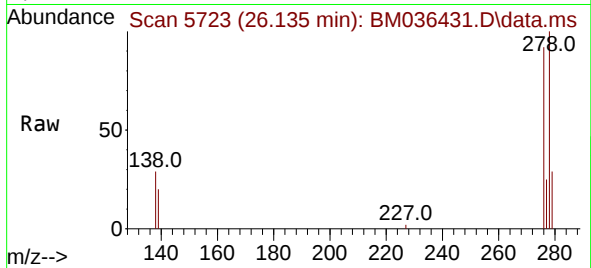




#28
Dibenzo(a,h)anthracene
Concen: 0.363 ng/ul
RT: 26.135 min Scan# 51
Delta R.T. 0.014 min
Lab File: BM036431.D
Acq: 26 Aug 2022 18:27

Instrument :
BNA_M
ClientSampleId :
SLCS283

Tgt Ion:278 Resp: 21384
Ion Ratio Lower Upper
278 100
139 19.6 19.8 29.6#
279 28.6 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.374 ng/ul
RT: 26.849 min Scan# 5936
Delta R.T. 0.010 min
Lab File: BM036431.D
Acq: 26 Aug 2022 18:27

Tgt Ion:276 Resp: 23509
Ion Ratio Lower Upper
276 100
138 25.6 23.4 35.0
277 25.1 21.0 31.4

