

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
 Data File : BM037395.D
 Acq On : 07 Nov 2022 17:13
 Operator : CG/JU
 Sample : PB148710BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS710

Quant Time: Nov 07 23:08:01 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)

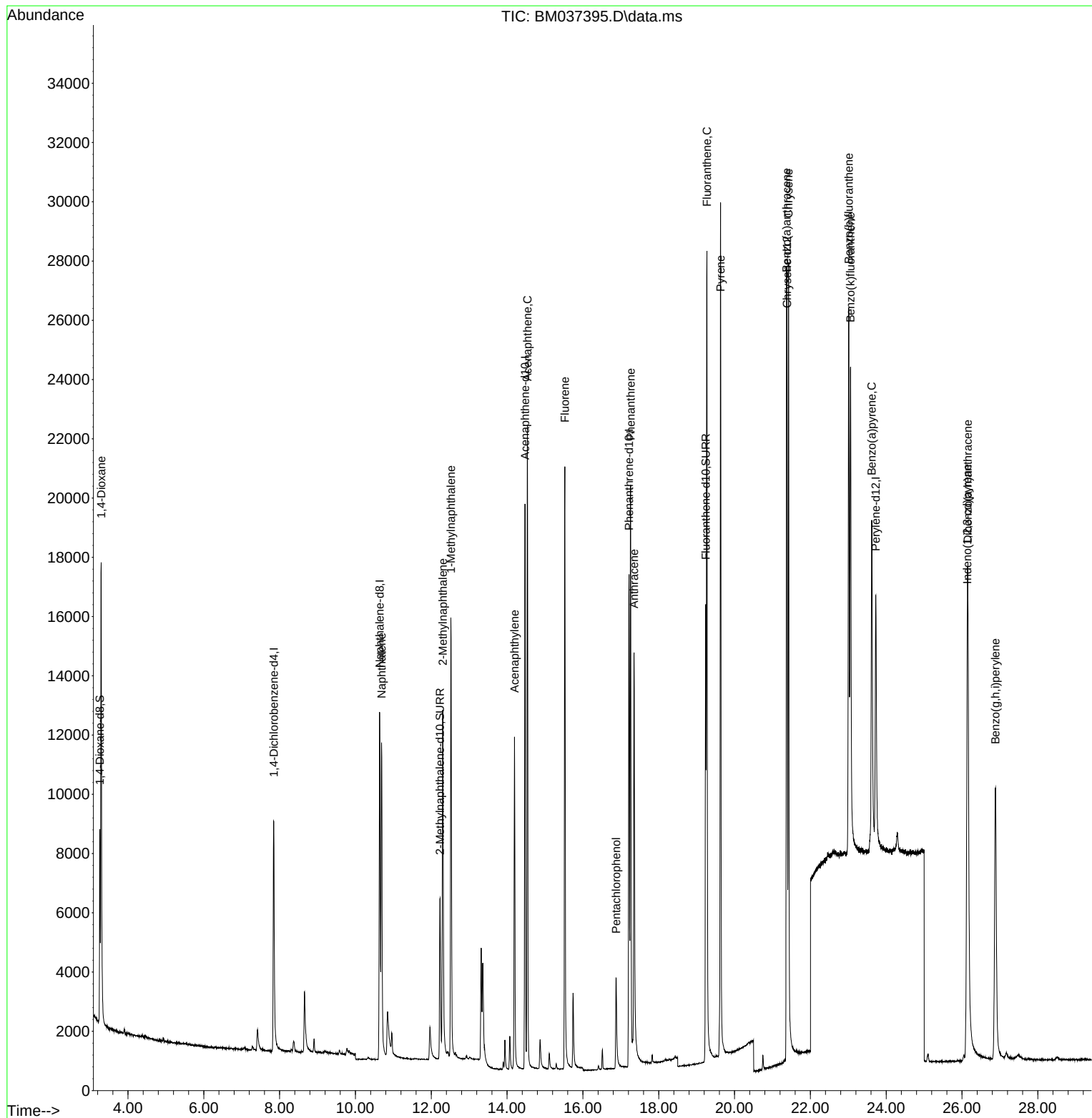
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	5383	0.400	ng/ul	0.00
4) Naphthalene-d8	10.638	136	17717	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	10218	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	21112	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	15288	0.400	ng/ul	0.00
23) Perylene-d12	23.724	264	12490	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	4248	0.622	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	9029	0.339	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	17668	0.369	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	10455	1.548	ng/ul#	84
5) Naphthalene	10.688	128	16434	0.320	ng/ul	99
7) 2-Methylnaphthalene	12.305	142	10267	0.319	ng/ul	97
8) 1-Methylnaphthalene	12.519	142	11102	0.335	ng/ul	99
10) Acenaphthylene	14.196	152	13796	0.317	ng/ul	99
11) Acenaphthene	14.538	153	12399	0.322	ng/ul	100
12) Fluorene	15.523	166	13884	0.315	ng/ul	99
14) Pentachlorophenol	16.878	266	2835	0.509	ng/ul	100
15) Phenanthrene	17.258	178	22533	0.312	ng/ul	100
16) Anthracene	17.351	178	18607	0.316	ng/ul	99
19) Fluoranthene	19.270	202	25064	0.346	ng/ul	99
20) Pyrene	19.633	202	26257	0.346	ng/ul	98
21) Benzo(a)anthracene	21.371	228	21339	0.324	ng/ul	100
22) Chrysene	21.424	228	23911	0.325	ng/ul	99
24) Benzo(b)fluoranthene	23.011	252	24724	0.345	ng/ul	97
25) Benzo(k)fluoranthene	23.060	252	23100	0.336	ng/ul	96
26) Benzo(a)pyrene	23.619	252	19529	0.326	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.138	276	24894	0.312	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.155	278	19241	0.313	ng/ul	96
29) Benzo(g,h,i)perylene	26.879	276	21587	0.313	ng/ul	99

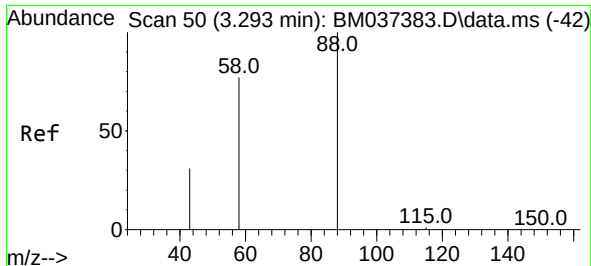
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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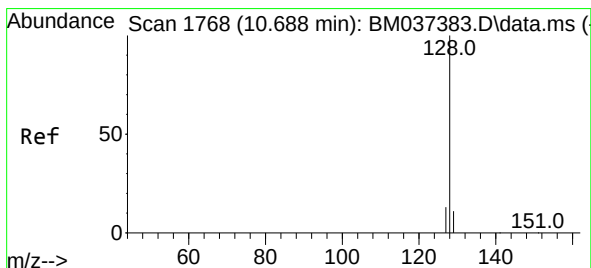
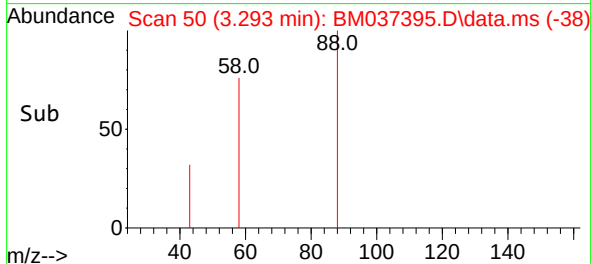
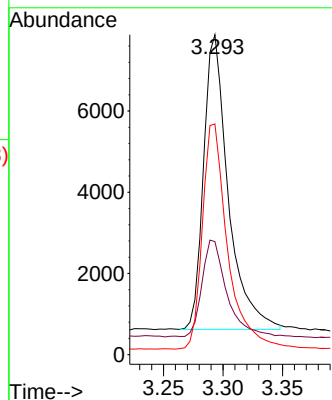
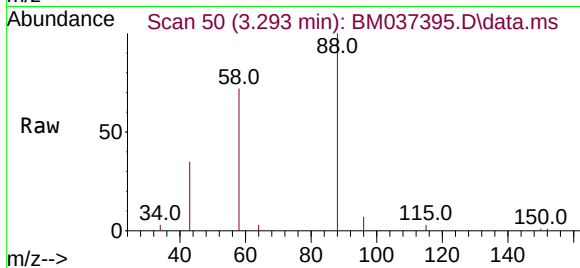




#2
 1,4-Dioxane
 Concen: 1.548 ng/ul
 RT: 3.293 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BM037395.D
 Acq: 07 Nov 2022 17:13

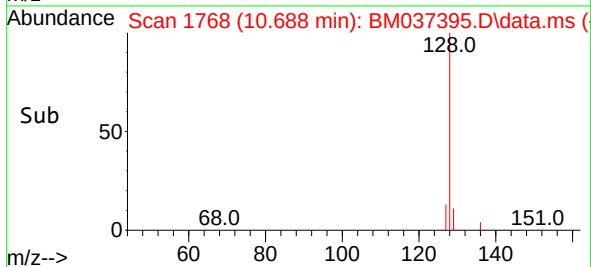
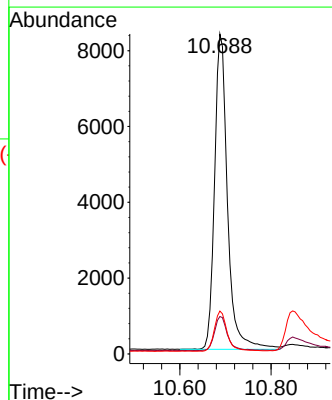
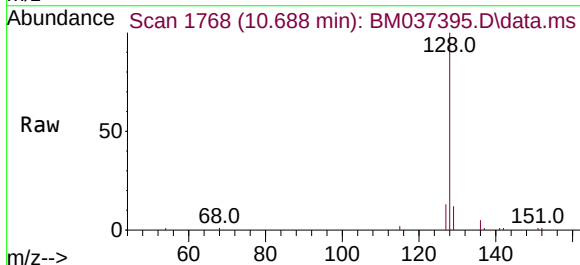
Instrument :
 BNA_M
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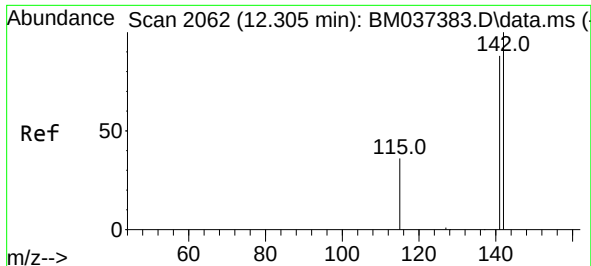
Tgt Ion: 88 Resp: 10455
 Ion Ratio Lower Upper
 88 100
 43 35.3 39.9 59.9#
 58 72.1 50.2 75.2



#5
 Naphthalene
 Concen: 0.320 ng/ul
 RT: 10.688 min Scan# 1768
 Delta R.T. -0.000 min
 Lab File: BM037395.D
 Acq: 07 Nov 2022 17:13

Tgt Ion: 128 Resp: 16434
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.2 13.8
 127 13.4 10.2 15.4

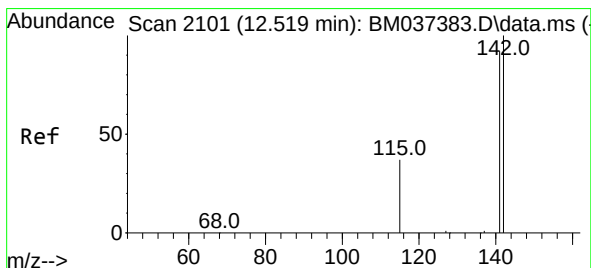
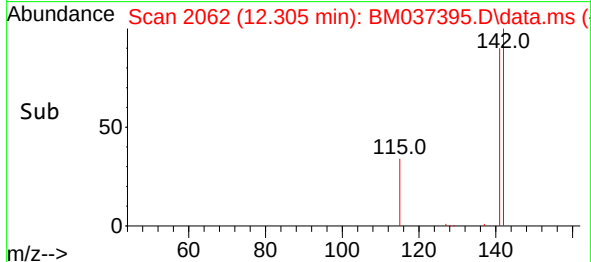
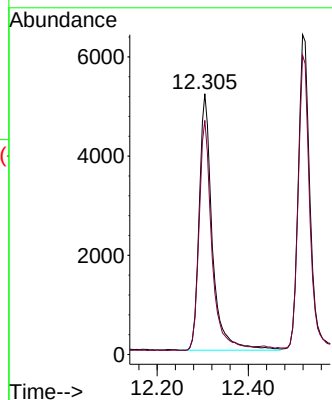
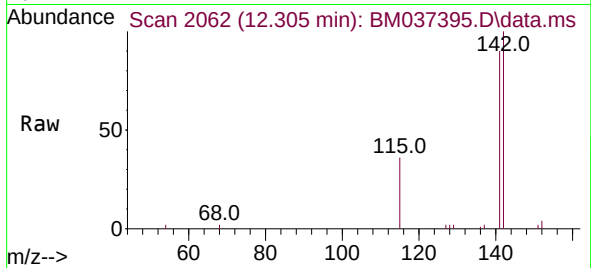




#7
2-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BM037395.D
Acq: 07 Nov 2022 17:13

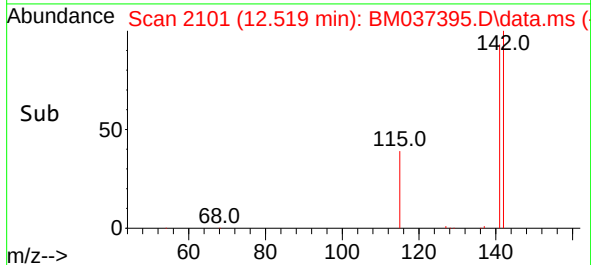
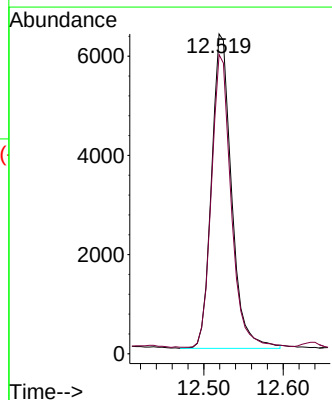
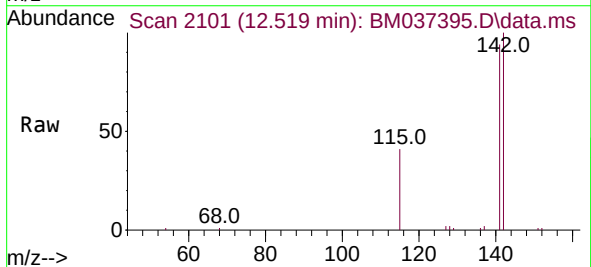
Instrument :
BNA_M
ClientSampleId :
SLCS710

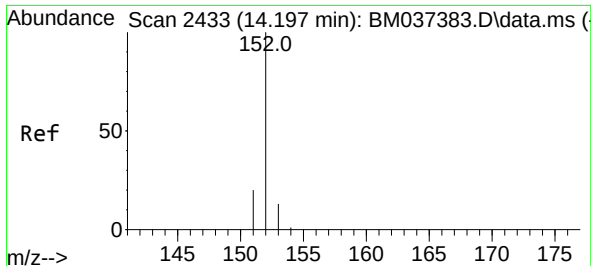
Tgt Ion:142 Resp: 10267
Ion Ratio Lower Upper
142 100
141 91.2 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BM037395.D
Acq: 07 Nov 2022 17:13

Tgt Ion:142 Resp: 11102
Ion Ratio Lower Upper
142 100
141 91.6 73.9 110.9

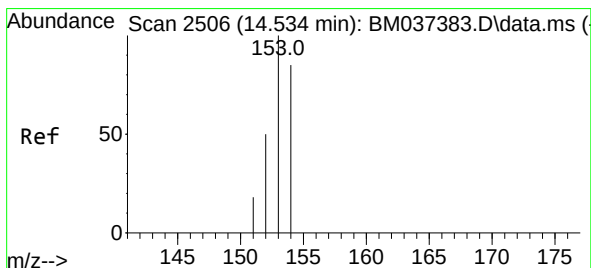
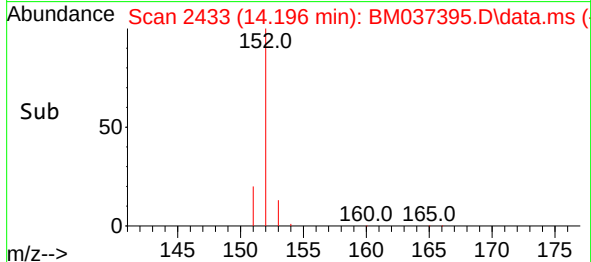
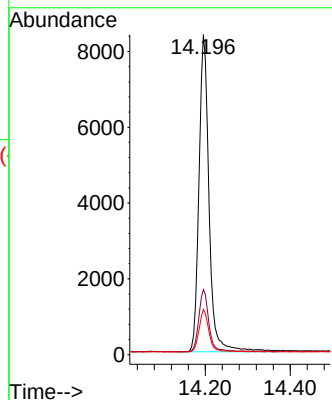
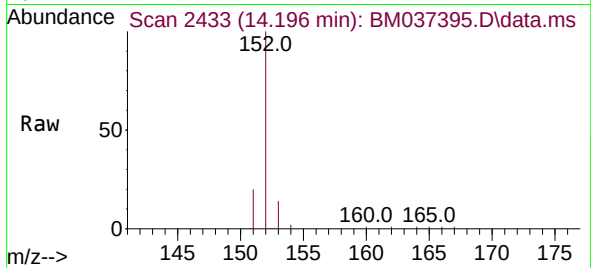




#10
Acenaphthylene
Concen: 0.317 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BM037395.D
Acq: 07 Nov 2022 17:13

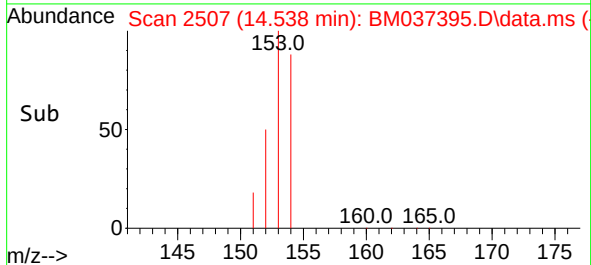
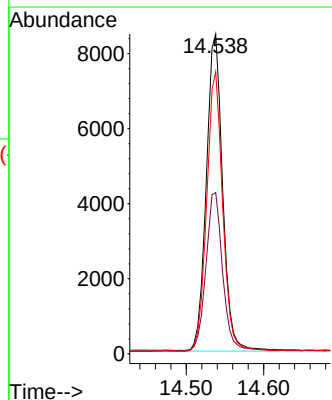
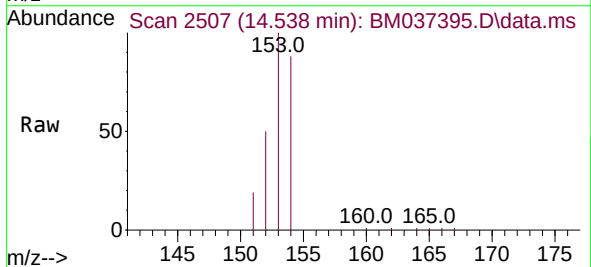
Instrument :
BNA_M
ClientSampleId :
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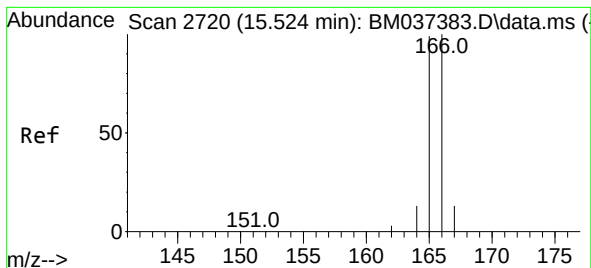
Tgt Ion:	152	Resp:	13796
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.1	24.1
153	14.1	11.0	16.4



#11
Acenaphthene
Concen: 0.322 ng/ul
RT: 14.538 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BM037395.D
Acq: 07 Nov 2022 17:13

Tgt Ion:	153	Resp:	12399
Ion Ratio	Lower	Upper	
153	100		
152	50.4	40.2	60.4
154	88.1	70.4	105.6





#12

Fluorene

Concen: 0.315 ng/ul

RT: 15.523 min Scan# 2720

Delta R.T. -0.000 min

Lab File: BM037395.D

Acq: 07 Nov 2022 17:13

Instrument :

BNA_M

ClientSampleId :

SLCS710

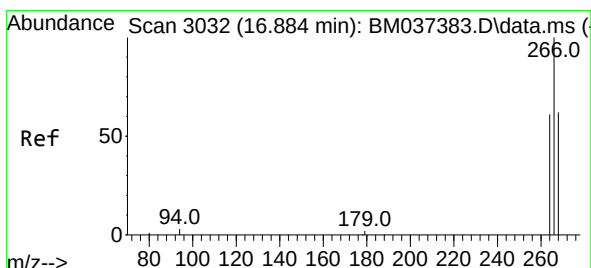
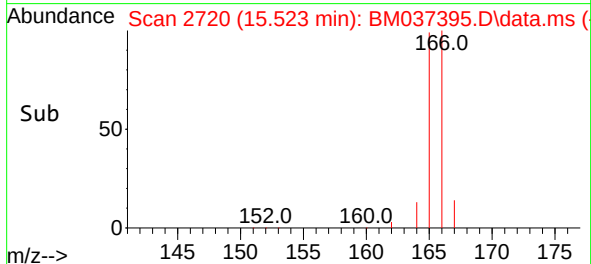
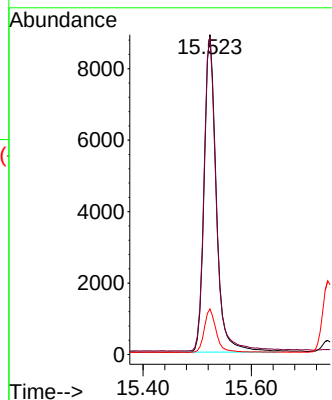
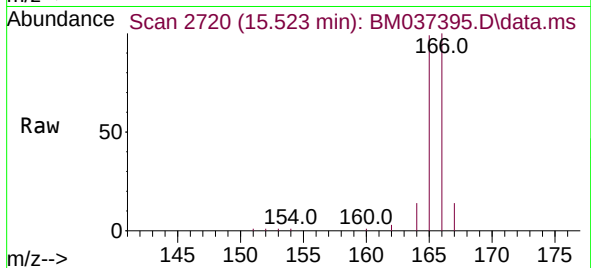
Tgt Ion:166 Resp: 13884

Ion Ratio Lower Upper

166 100

165 99.3 79.0 118.4

167 14.3 11.1 16.7



#14

Pentachlorophenol

Concen: 0.509 ng/ul

RT: 16.878 min Scan# 3031

Delta R.T. -0.000 min

Lab File: BM037395.D

Acq: 07 Nov 2022 17:13

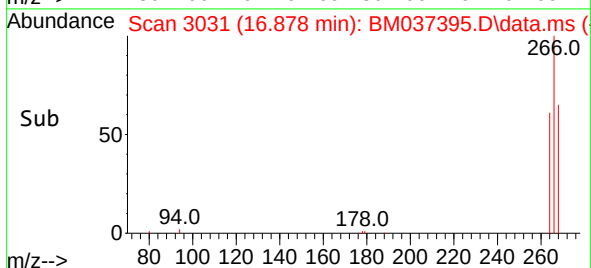
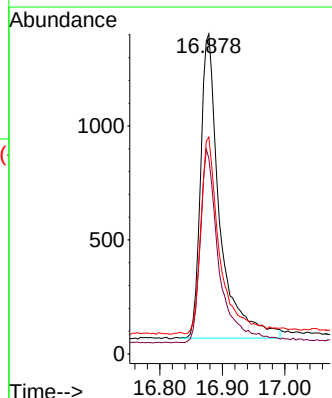
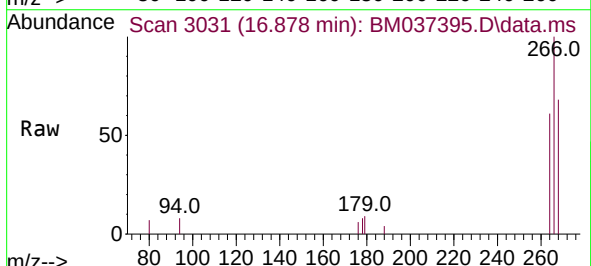
Tgt Ion:266 Resp: 2835

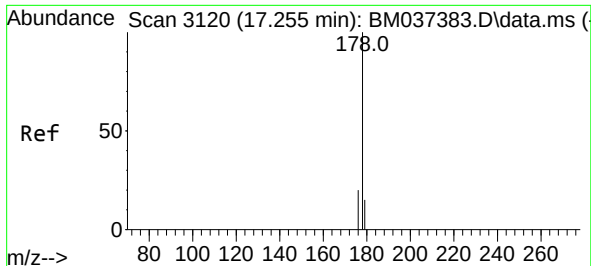
Ion Ratio Lower Upper

266 100

264 62.4 49.9 74.9

268 64.6 51.9 77.9

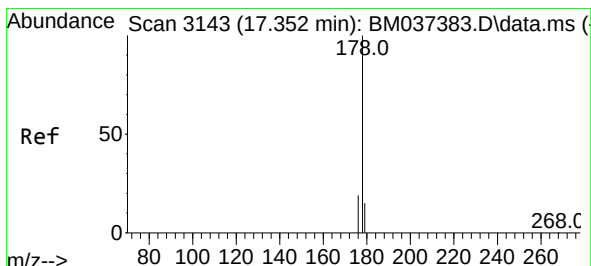
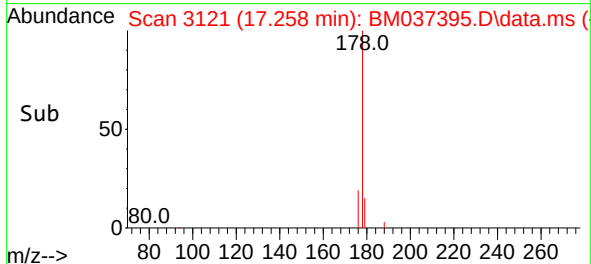
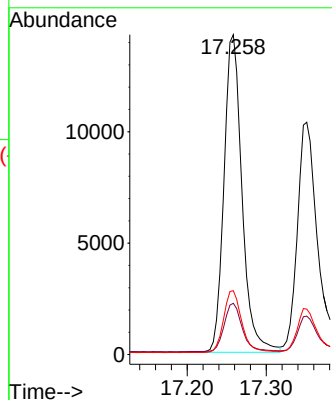
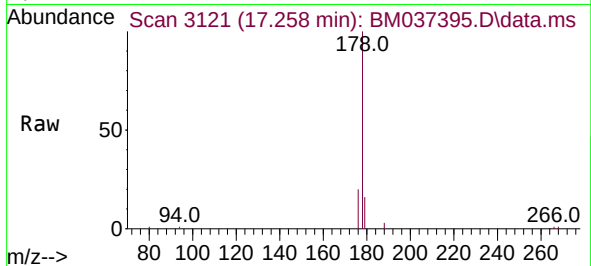




#15
Phenanthrene
Concen: 0.312 ng/ul
RT: 17.258 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BM037395.D
Acq: 07 Nov 2022 17:13

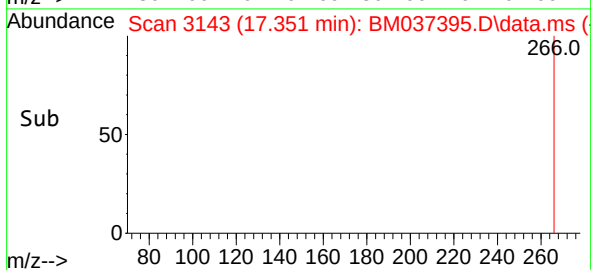
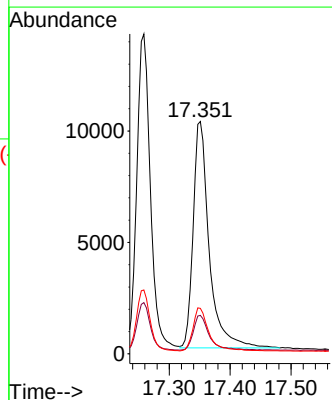
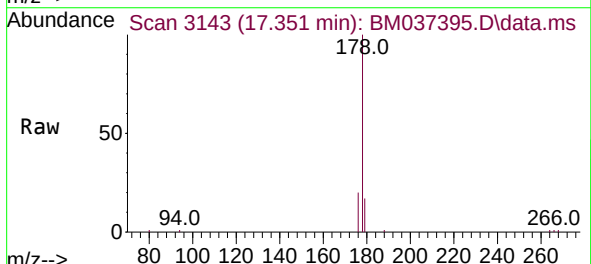
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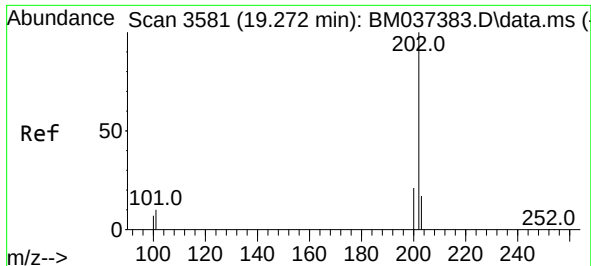
Tgt Ion:178 Resp: 22533
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 20.0 16.0 24.0



#16
Anthracene
Concen: 0.316 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. -0.000 min
Lab File: BM037395.D
Acq: 07 Nov 2022 17:13

Tgt Ion:178 Resp: 18607
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 19.6 15.5 23.3

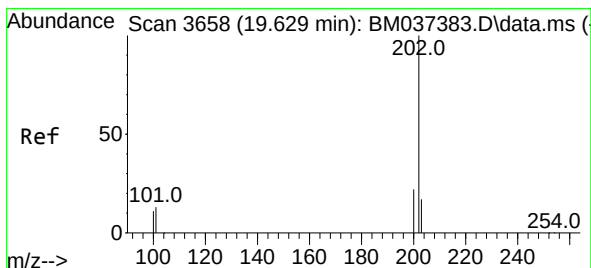
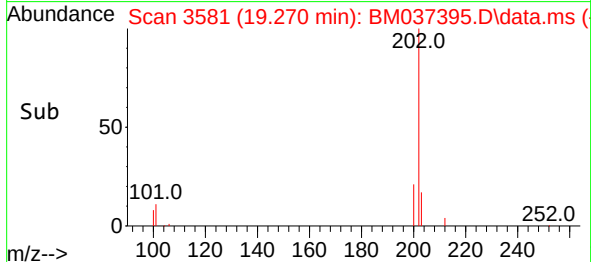
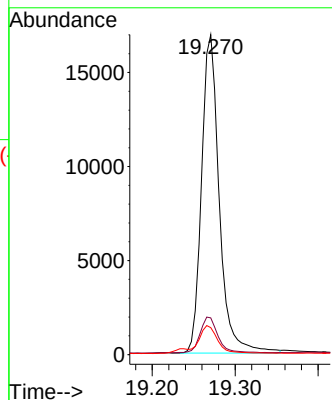
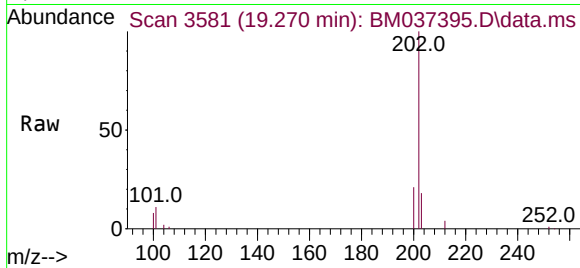




#19
Fluoranthene
Concen: 0.346 ng/ul
RT: 19.270 min Scan# 3581
Delta R.T. -0.000 min
Lab File: BM037395.D
Acq: 07 Nov 2022 17:13

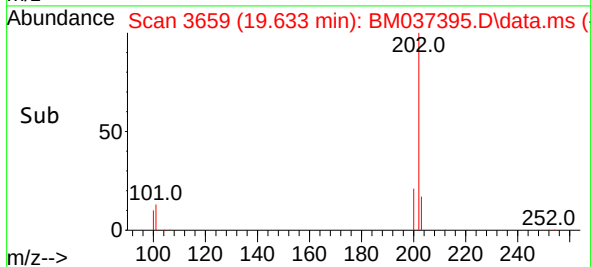
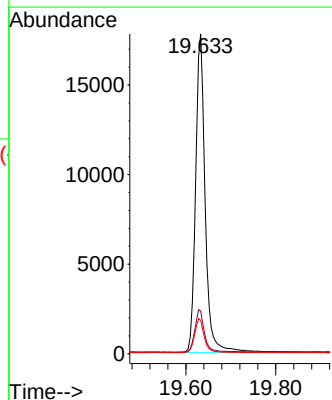
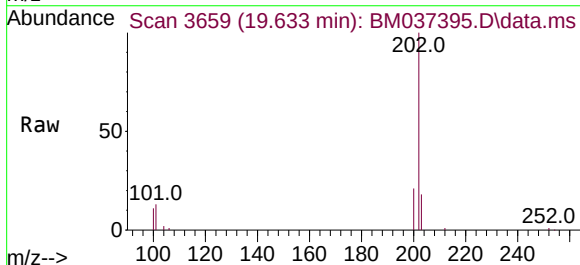
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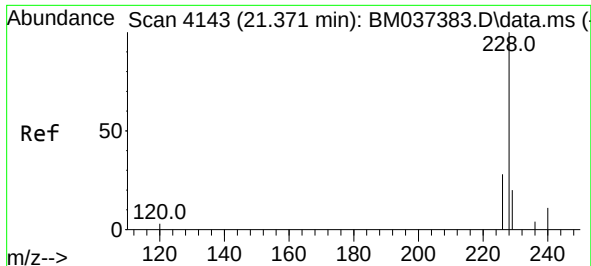
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.7	13.1
100	8.4	6.6	10.0



#20
Pyrene
Concen: 0.346 ng/ul
RT: 19.633 min Scan# 3659
Delta R.T. 0.005 min
Lab File: BM037395.D
Acq: 07 Nov 2022 17:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.1	16.7
100	10.5	9.0	13.4

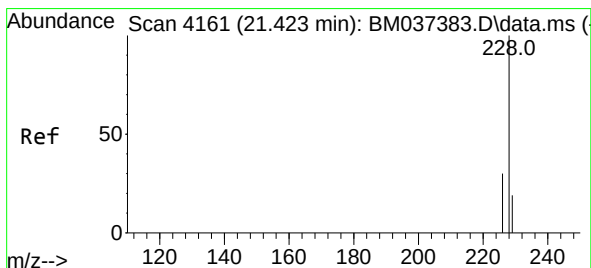
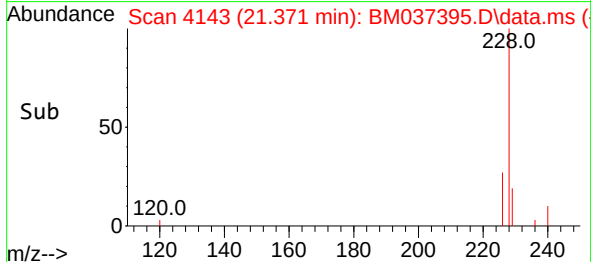
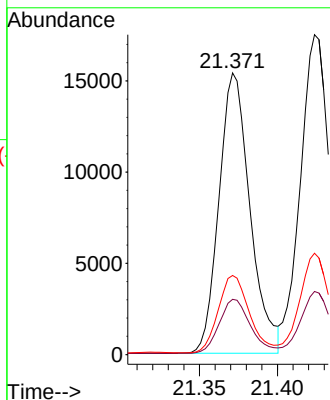
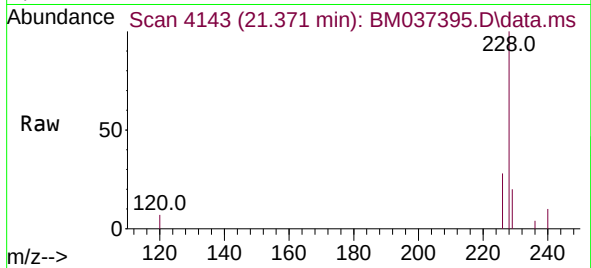




#21
Benzo(a)anthracene
Concen: 0.324 ng/ul
RT: 21.371 min Scan# 4143
Delta R.T. 0.003 min
Lab File: BM037395.D
Acq: 07 Nov 2022 17:13

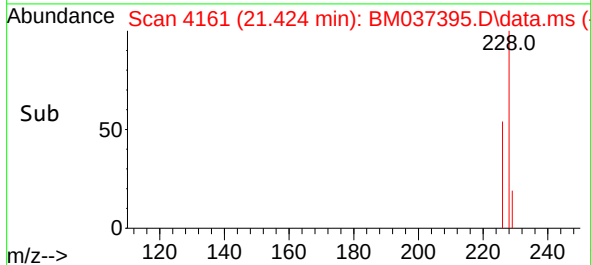
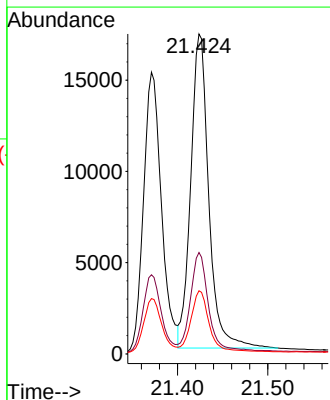
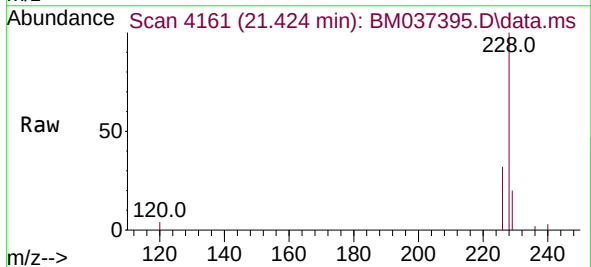
Instrument :
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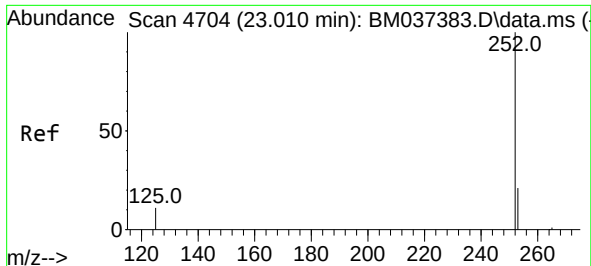
Tgt Ion:228 Resp: 21339
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 28.1 22.6 33.8



#22
Chrysene
Concen: 0.325 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. -0.000 min
Lab File: BM037395.D
Acq: 07 Nov 2022 17:13

Tgt Ion:228 Resp: 23911
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 19.7 15.6 23.4

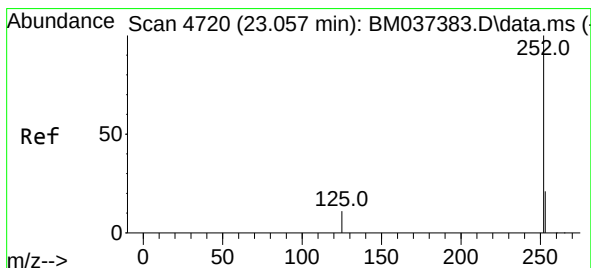
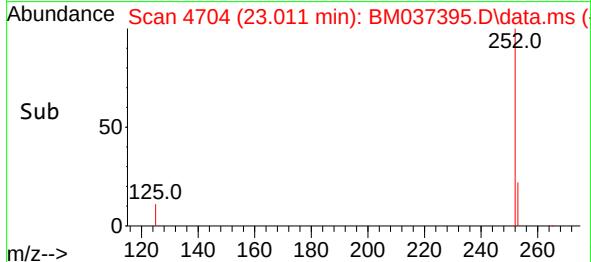
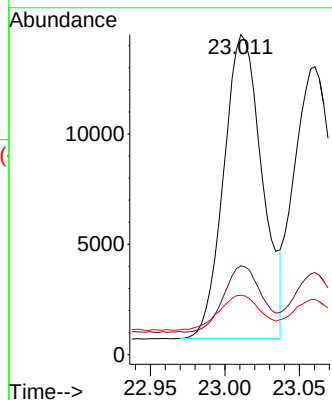
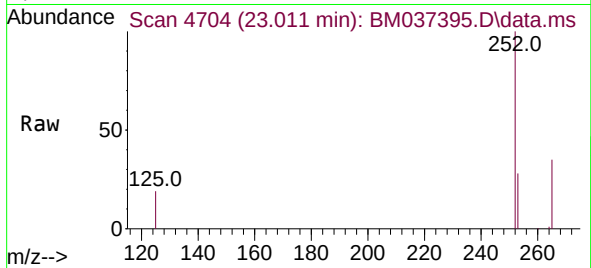




#24
Benzo(b)fluoranthene
Concen: 0.345 ng/ul
RT: 23.011 min Scan# 4704
Delta R.T. -0.000 min
Lab File: BM037395.D
Acq: 07 Nov 2022 17:13

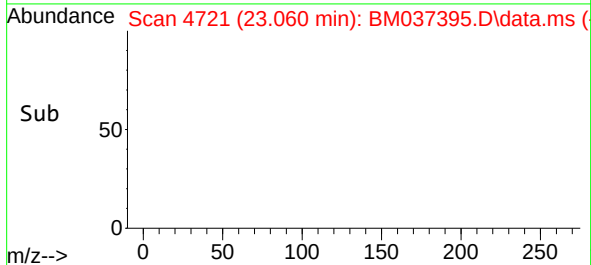
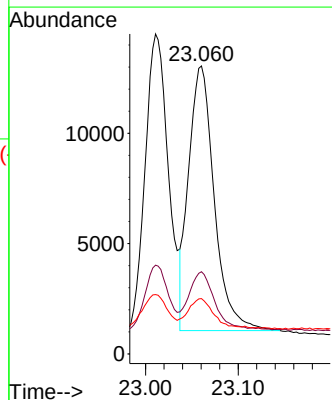
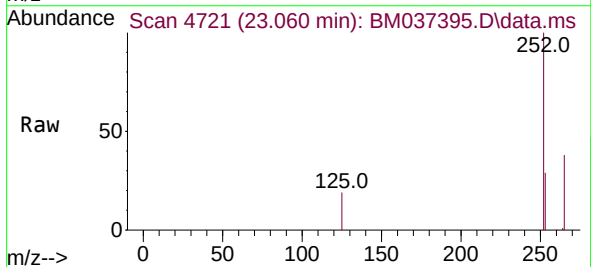
Instrument :
BNA_M
ClientSampleId :
SLCS710

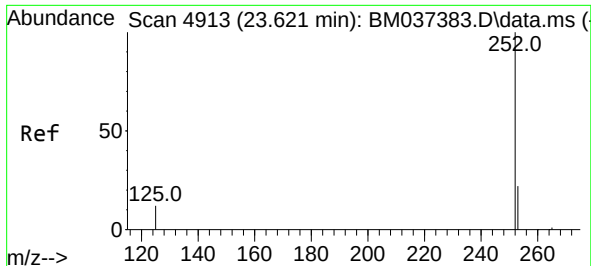
Tgt Ion:252 Resp: 24724
Ion Ratio Lower Upper
252 100
253 27.7 0.0 52.6
125 18.5 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.336 ng/ul
RT: 23.060 min Scan# 4721
Delta R.T. 0.003 min
Lab File: BM037395.D
Acq: 07 Nov 2022 17:13

Tgt Ion:252 Resp: 23100
Ion Ratio Lower Upper
252 100
253 28.6 21.6 32.4
125 19.2 13.8 20.8

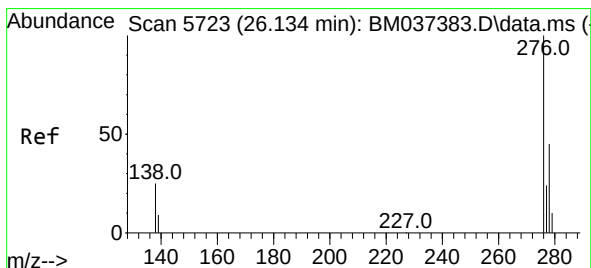
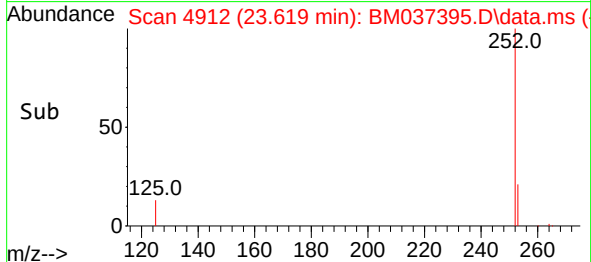
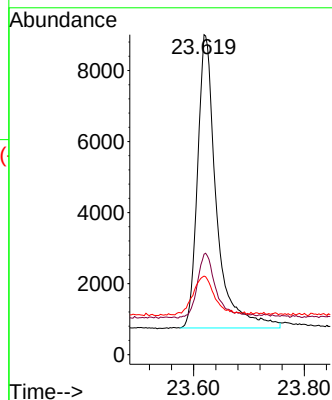
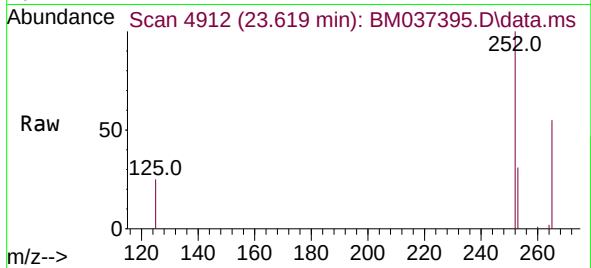




#26
Benzo(a)pyrene
Concen: 0.326 ng/ul
RT: 23.619 min Scan# 4913
Delta R.T. -0.000 min
Lab File: BM037395.D
Acq: 07 Nov 2022 17:13

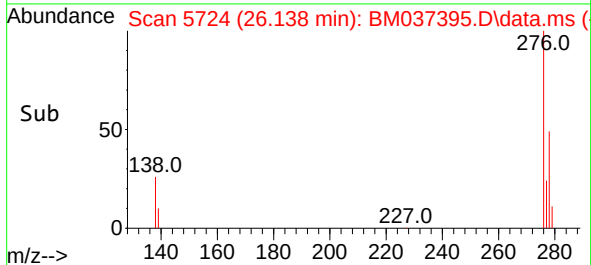
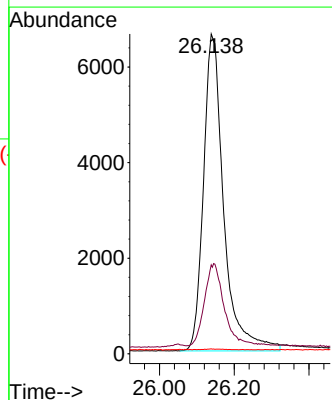
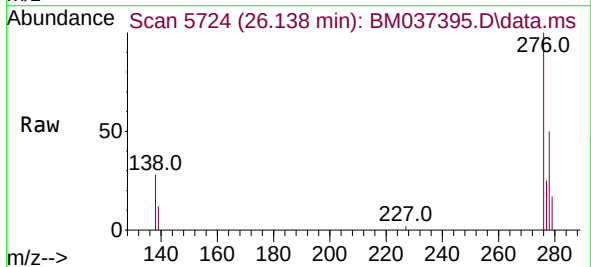
Instrument :
BNA_M
ClientSampleId :
SLCS710

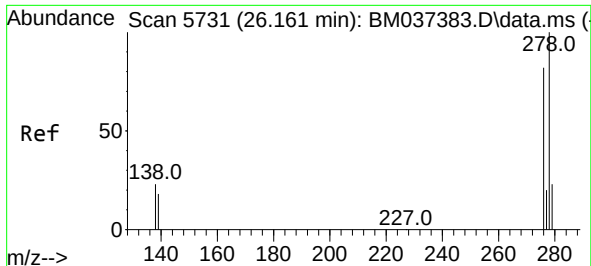
Tgt Ion:	252	Resp:	19529
Ion Ratio	Lower	Upper	
252	100		
253	31.4	23.8	35.6
125	24.5	17.2	25.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.312 ng/ul
RT: 26.138 min Scan# 5724
Delta R.T. -0.000 min
Lab File: BM037395.D
Acq: 07 Nov 2022 17:13

Tgt Ion:	276	Resp:	24894
Ion Ratio	Lower	Upper	
276	100		
138	25.8	20.8	31.2
227	0.3	0.1	0.1

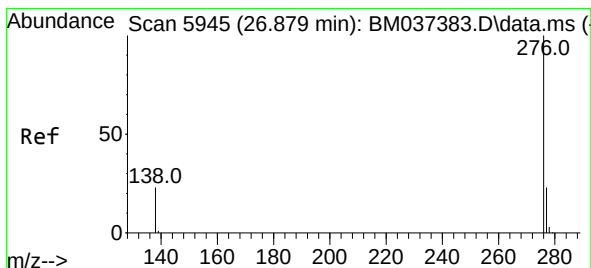
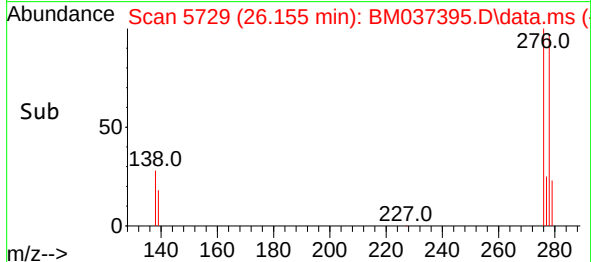
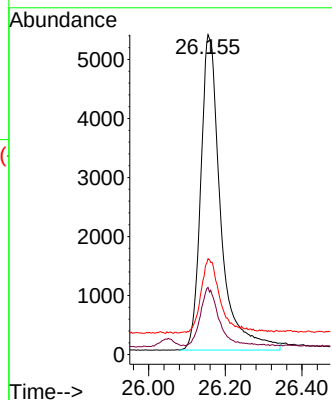
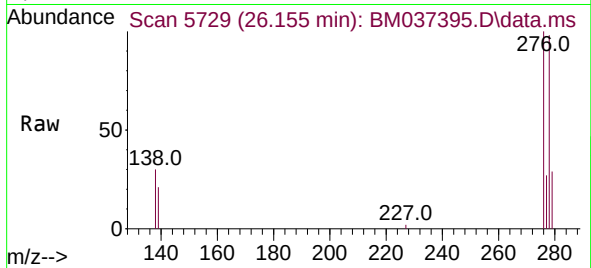




#28
Dibenzo(a,h)anthracene
Concen: 0.313 ng/ul
RT: 26.155 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM037395.D
Acq: 07 Nov 2022 17:13

Instrument :
BNA_M
ClientSampleId :
SLCS710

Tgt Ion:278 Resp: 19241
Ion Ratio Lower Upper
278 100
139 21.0 15.2 22.8
279 30.0 22.2 33.2



#29
Benzo(g,h,i)perylene
Concen: 0.313 ng/ul
RT: 26.879 min Scan# 5945
Delta R.T. -0.000 min
Lab File: BM037395.D
Acq: 07 Nov 2022 17:13

Tgt Ion:276 Resp: 21587
Ion Ratio Lower Upper
276 100
138 25.4 19.6 29.4
277 25.0 20.1 30.1

