

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113022\
 Data File : BM037810.D
 Acq On : 30 Nov 2022 19:39
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4183

Quant Time: Dec 01 00:20:46 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM113022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 00:14:21 2022
 Response via : Initial Calibration

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

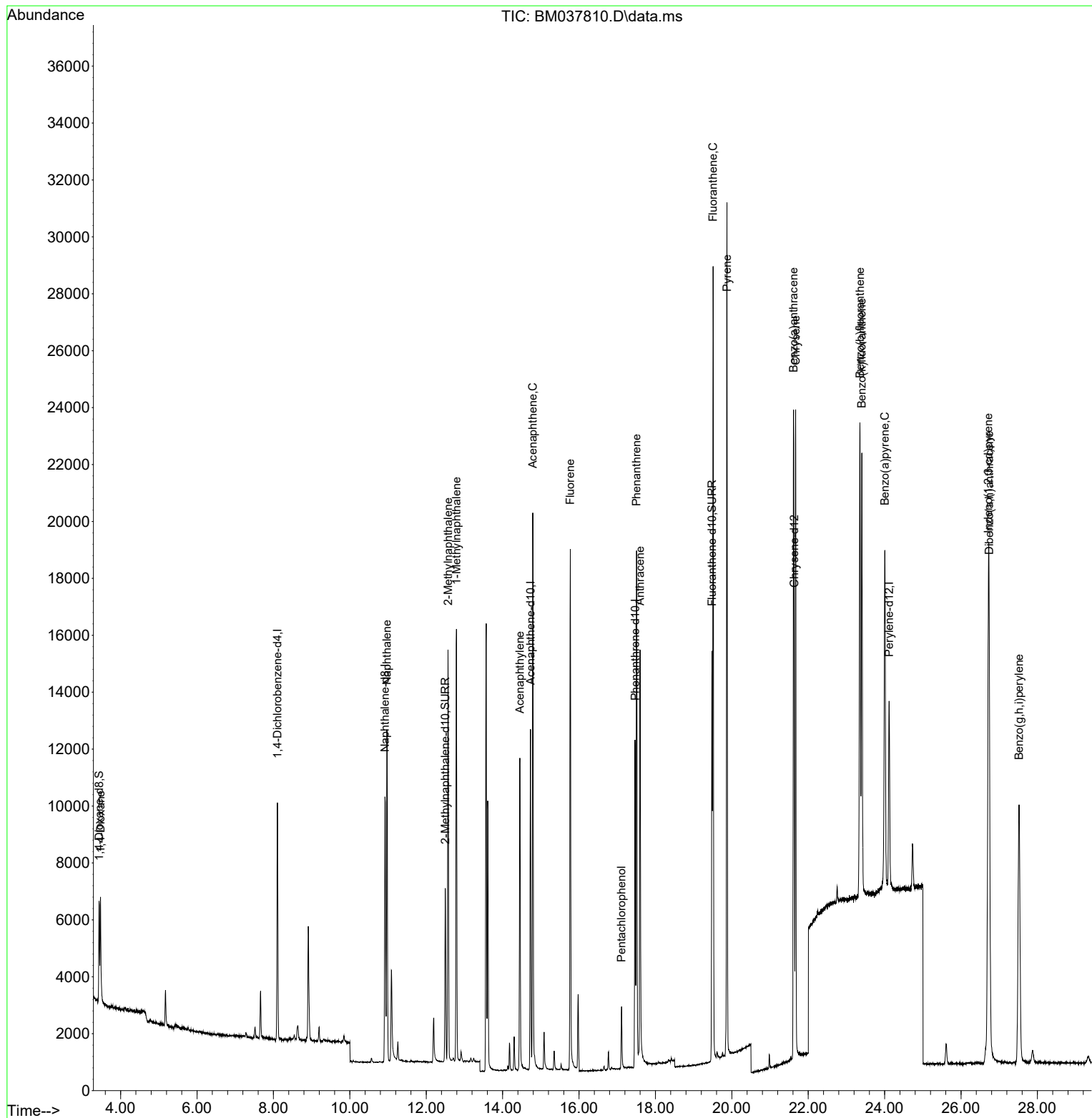
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	4078	0.400	ng/ul	0.00
4) Naphthalene-d8	10.921	136	12375	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.730	164	6429	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.467	188	13106	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.631	240	9544	0.400	ng/ul	# 0.00
23) Perylene-d12	24.116	264	9296	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.438	96	2549	0.469	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.499	152	7499	0.420	ng/ul	0.00
18) Fluoranthene-d10	19.482	212	13409	0.413	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.472	88	2437	0.430	ng/ul#	66
5) Naphthalene	10.970	128	15934	0.412	ng/ul	99
7) 2-Methylnaphthalene	12.571	142	9760	0.414	ng/ul	99
8) 1-Methylnaphthalene	12.791	142	10099	0.418	ng/ul	99
10) Acenaphthylene	14.452	152	13263	0.412	ng/ul	99
11) Acenaphthene	14.790	153	11187	0.418	ng/ul	98
12) Fluorene	15.771	166	12226	0.413	ng/ul	99
14) Pentachlorophenol	17.113	266	1593	0.370	ng/ul	96
15) Phenanthrene	17.505	178	19717	0.415	ng/ul	99
16) Anthracene	17.598	178	17182	0.406	ng/ul	97
19) Fluoranthene	19.510	202	21671	0.409	ng/ul#	84
20) Pyrene	19.872	202	22546	0.406	ng/ul#	84
21) Benzo(a)anthracene	21.614	228	18760	0.405	ng/ul	98
22) Chrysene	21.669	228	19322	0.414	ng/ul	99
24) Benzo(b)fluoranthene	23.353	252	21179	0.435	ng/ul#	80
25) Benzo(k)fluoranthene	23.403	252	19443	0.414	ng/ul#	81
26) Benzo(a)pyrene	24.005	252	17847	0.429	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	26.715	276	23921	0.440	ng/ul#	70
28) Dibenzo(a,h)anthracene	26.735	278	18567	0.436	ng/ul#	87
29) Benzo(g,h,i)perylene	27.520	276	20045	0.440	ng/ul#	86

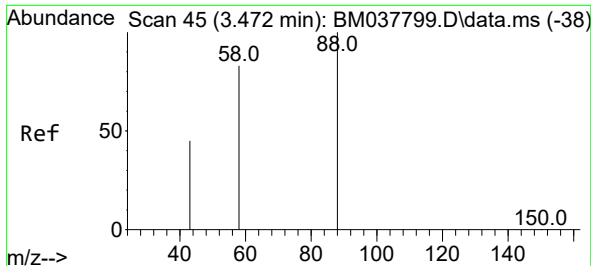
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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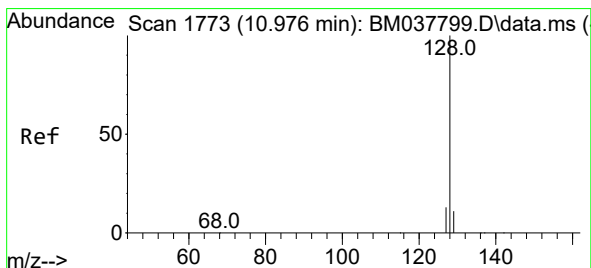
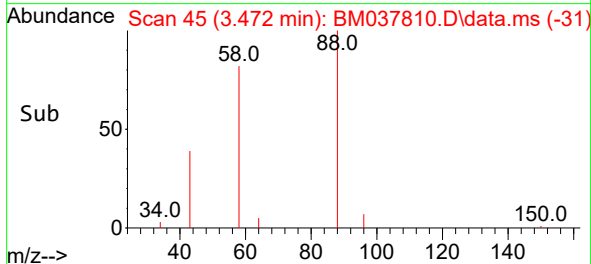
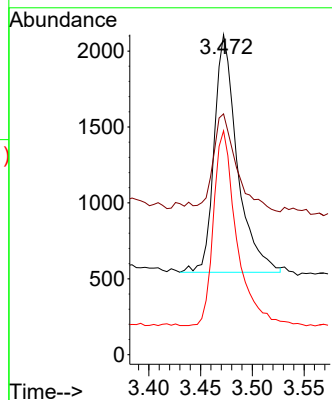
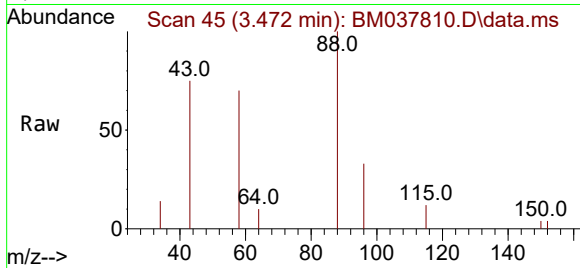




#2
1,4-Dioxane
Concen: 0.430 ng/ul
RT: 3.472 min Scan# 45
Delta R.T. 0.000 min
Lab File: BM037810.D
Acq: 30 Nov 2022 19:39

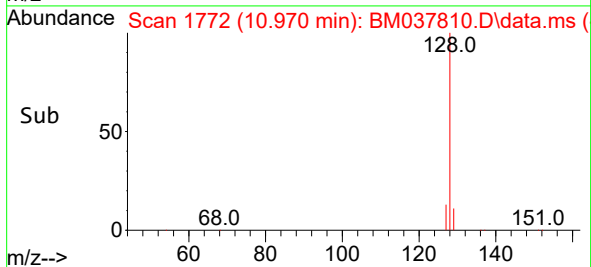
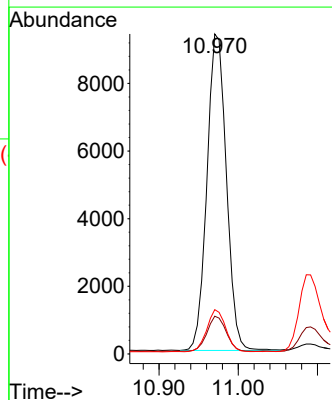
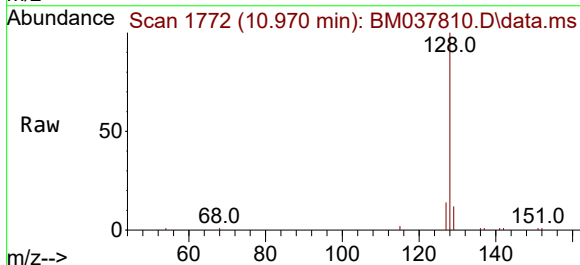
Instrument :
BNA_M
ClientSampleId :
SSTD0.4183

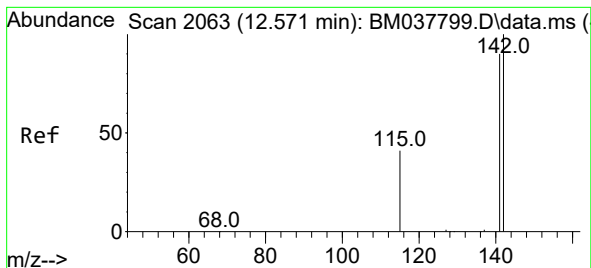
Tgt Ion: 88 Resp: 2437
Ion Ratio Lower Upper
88 100
43 75.2 102.8 154.2#
58 70.0 67.3 100.9



#5
Naphthalene
Concen: 0.412 ng/ul
RT: 10.970 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BM037810.D
Acq: 30 Nov 2022 19:39

Tgt Ion: 128 Resp: 15934
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.8
127 13.8 11.0 16.4

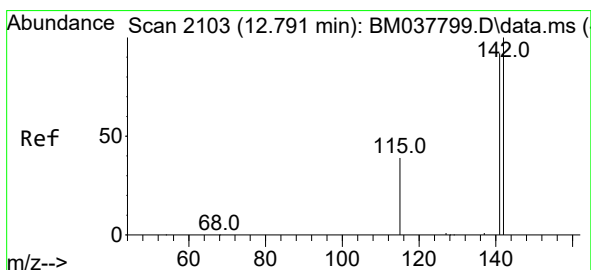
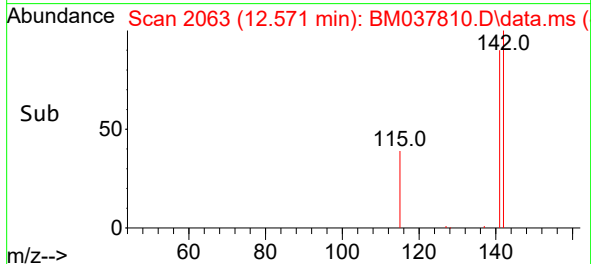
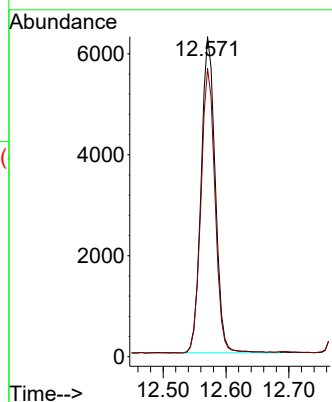
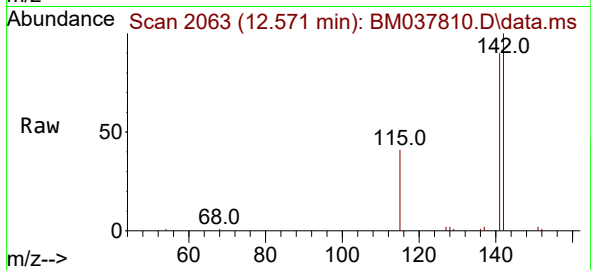




#7
2-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.571 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BM037810.D
Acq: 30 Nov 2022 19:39

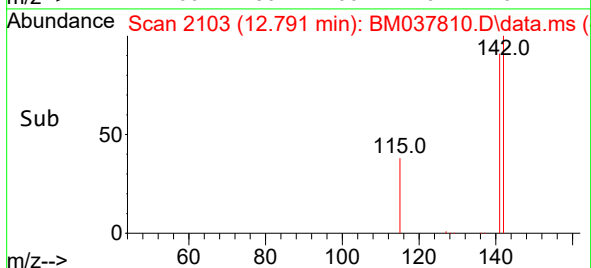
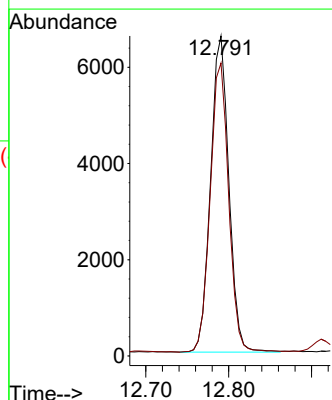
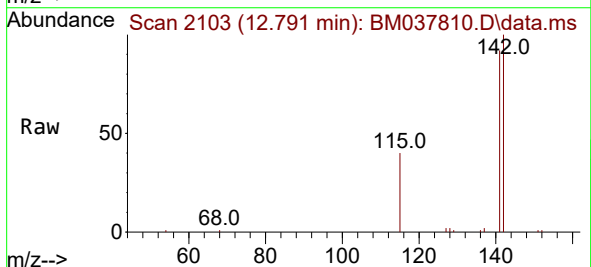
Instrument :
BNA_M
ClientSampleId :
SSTD0.4183

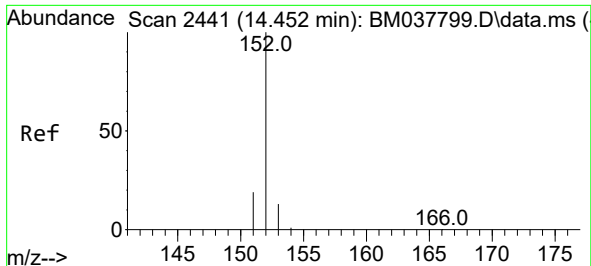
Tgt Ion:142 Resp: 9760
Ion Ratio Lower Upper
142 100
141 90.1 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.791 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BM037810.D
Acq: 30 Nov 2022 19:39

Tgt Ion:142 Resp: 10099
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.0

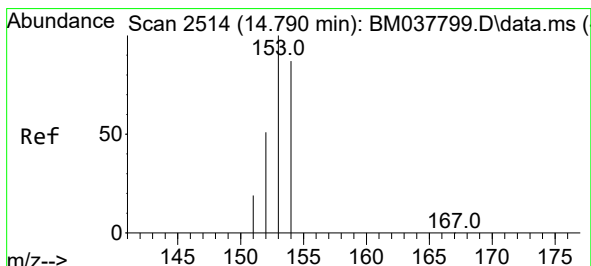
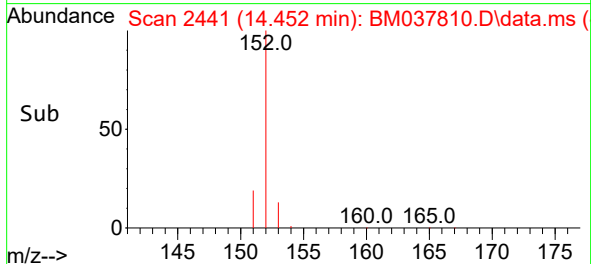
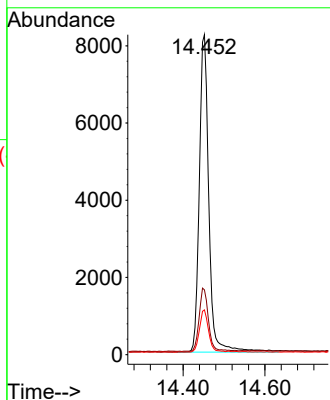
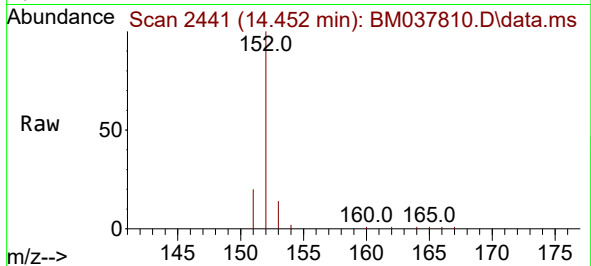




#10
Acenaphthylene
Concen: 0.412 ng/ul
RT: 14.452 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BM037810.D
Acq: 30 Nov 2022 19:39

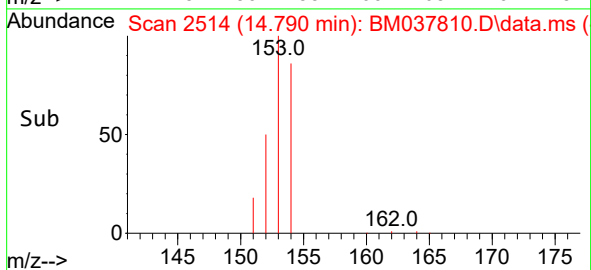
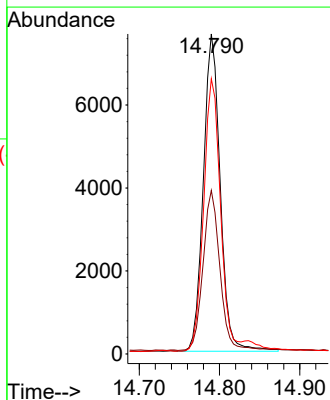
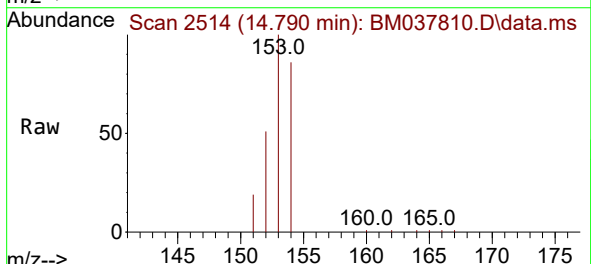
Instrument :
BNA_M
ClientSampleId :
SSTD0.4183

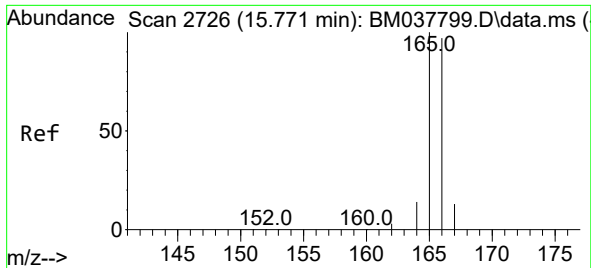
Tgt Ion:152 Resp: 13263
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 14.0 11.0 16.4



#11
Acenaphthene
Concen: 0.418 ng/ul
RT: 14.790 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BM037810.D
Acq: 30 Nov 2022 19:39

Tgt Ion:153 Resp: 11187
Ion Ratio Lower Upper
153 100
152 51.1 39.4 59.0
154 86.0 69.5 104.3

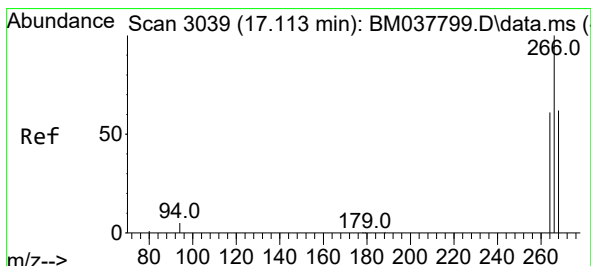
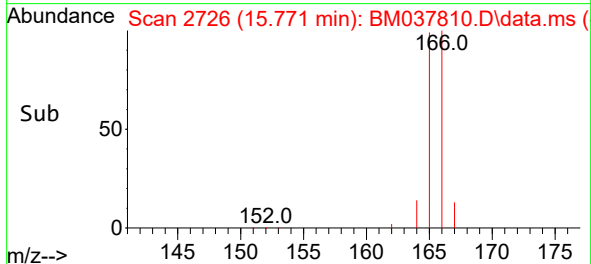
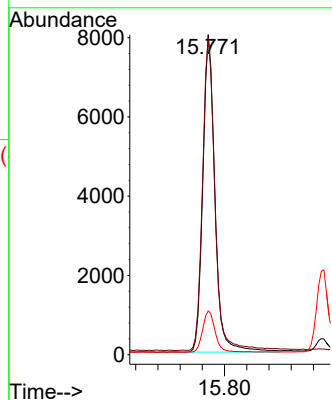
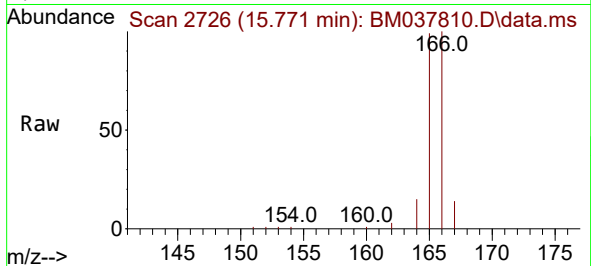




#12
Fluorene
Concen: 0.413 ng/ul
RT: 15.771 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037810.D
Acq: 30 Nov 2022 19:39

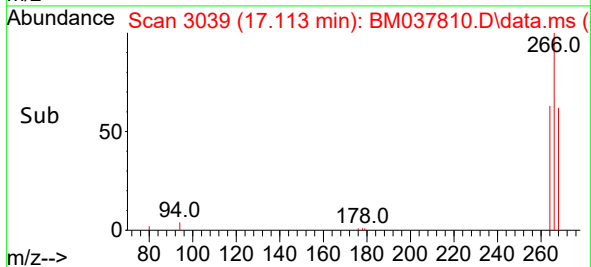
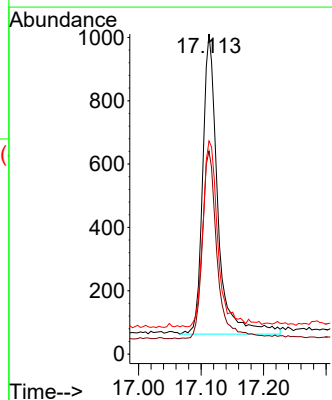
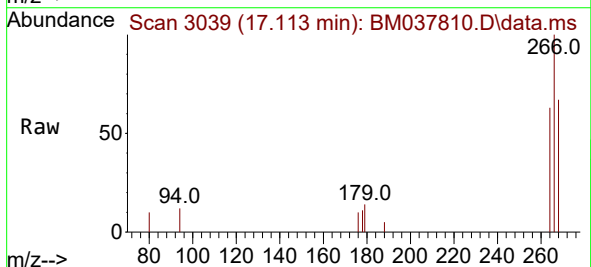
Instrument :
BNA_M
ClientSampleId :
SSTD0.4183

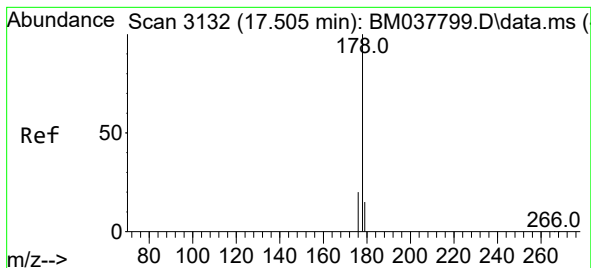
Tgt Ion:166 Resp: 12226
Ion Ratio Lower Upper
166 100
165 99.0 78.7 118.1
167 13.7 11.3 16.9



#14
Pentachlorophenol
Concen: 0.370 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. -0.000 min
Lab File: BM037810.D
Acq: 30 Nov 2022 19:39

Tgt Ion:266 Resp: 1593
Ion Ratio Lower Upper
266 100
264 61.1 50.2 75.2
268 60.3 52.0 78.0





#15

Phenanthrene

Concen: 0.415 ng/ul

RT: 17.505 min Scan# 3132

Delta R.T. -0.000 min

Lab File: BM037810.D

Acq: 30 Nov 2022 19:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.4183

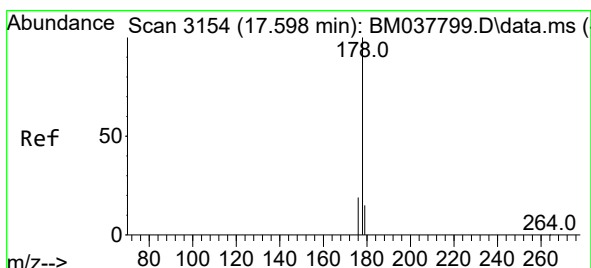
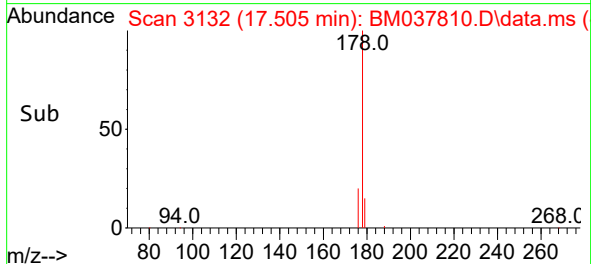
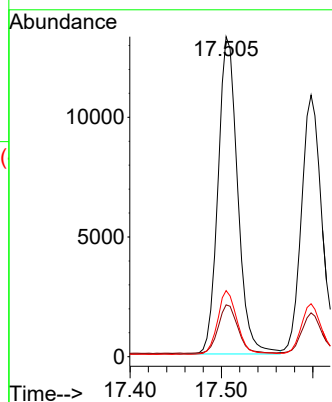
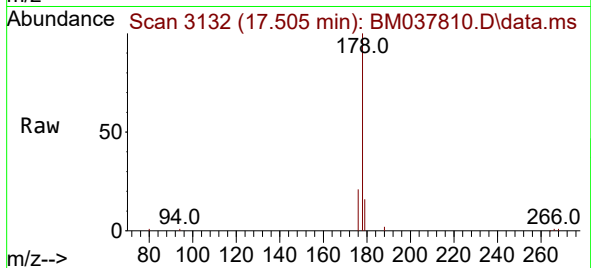
Tgt Ion:178 Resp: 19717

Ion Ratio Lower Upper

178 100

179 16.2 12.6 18.8

176 20.6 16.0 24.0



#16

Anthracene

Concen: 0.406 ng/ul

RT: 17.598 min Scan# 3154

Delta R.T. -0.000 min

Lab File: BM037810.D

Acq: 30 Nov 2022 19:39

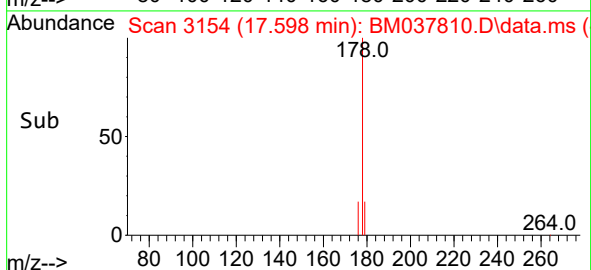
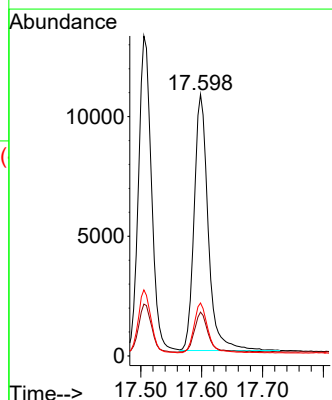
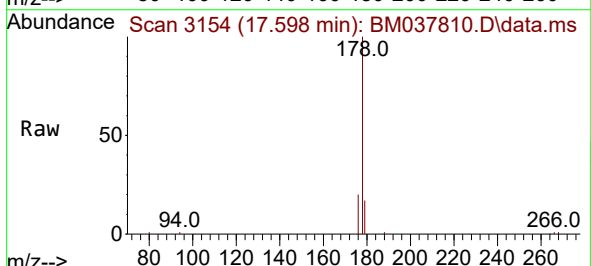
Tgt Ion:178 Resp: 17182

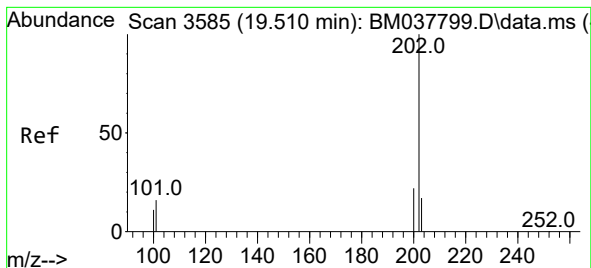
Ion Ratio Lower Upper

178 100

179 16.8 12.8 19.2

176 20.3 15.0 22.6





#19

Fluoranthene

Concen: 0.409 ng/ul

RT: 19.510 min Scan# 3585

Delta R.T. -0.000 min

Lab File: BM037810.D

Acq: 30 Nov 2022 19:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.4183

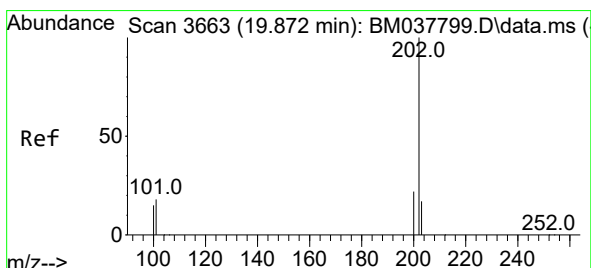
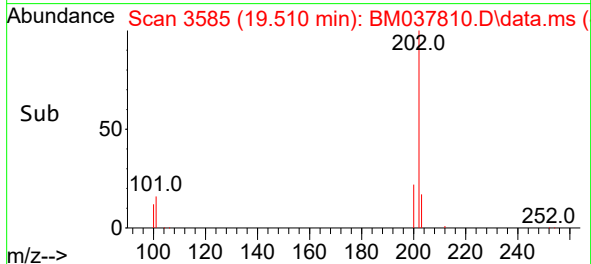
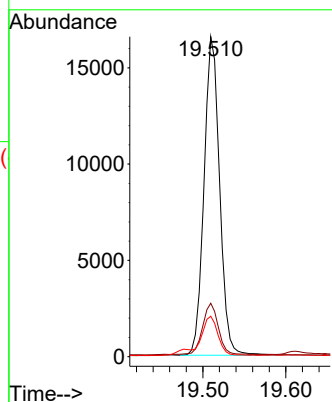
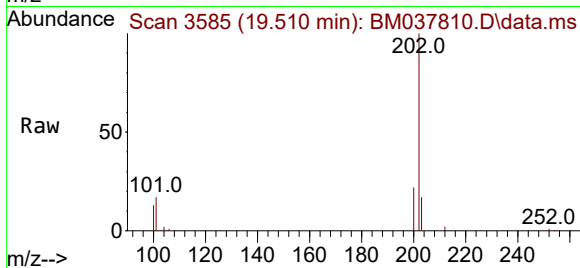
Tgt Ion:202 Resp: 21671

Ion Ratio Lower Upper

202 100

101 16.7 8.2 12.2#

100 12.7 6.1 9.1#



#20

Pyrene

Concen: 0.406 ng/ul

RT: 19.872 min Scan# 3663

Delta R.T. -0.000 min

Lab File: BM037810.D

Acq: 30 Nov 2022 19:39

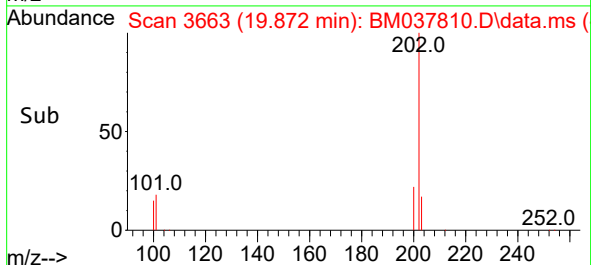
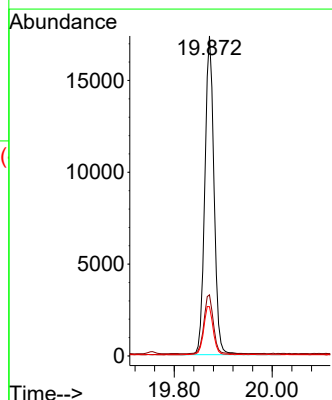
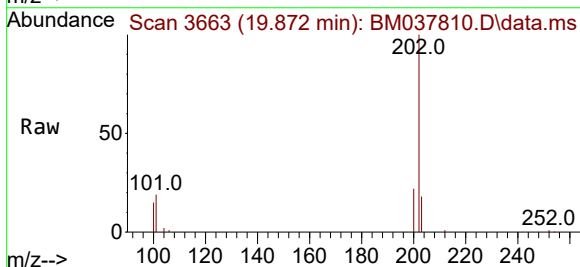
Tgt Ion:202 Resp: 22546

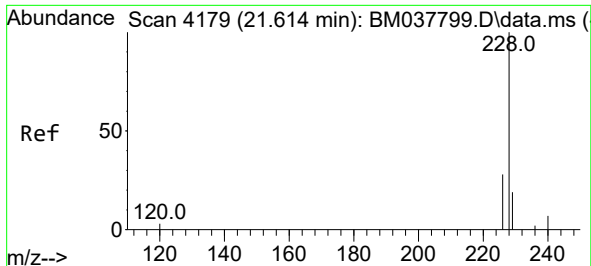
Ion Ratio Lower Upper

202 100

101 19.1 10.1 15.1#

100 15.4 8.0 12.0#

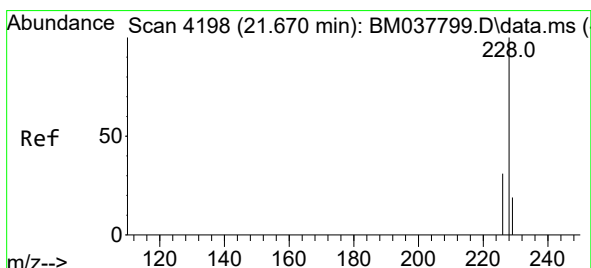
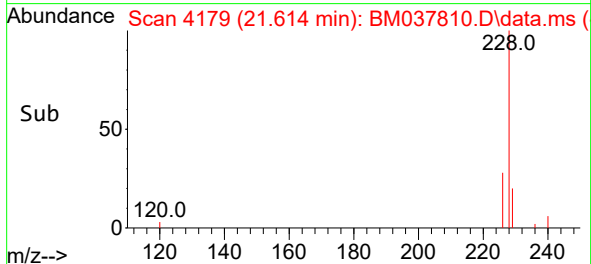
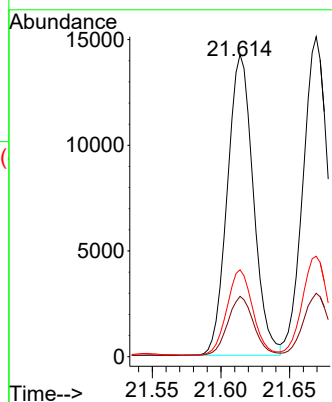
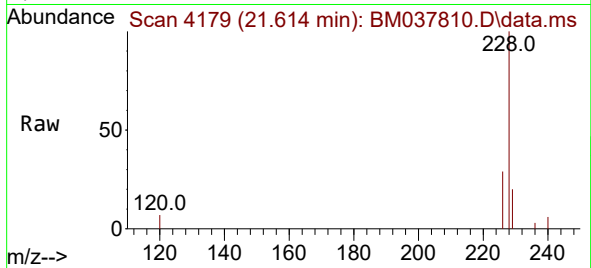




#21
Benzo(a)anthracene
Concen: 0.405 ng/ul
RT: 21.614 min Scan# 4179
Delta R.T. -0.000 min
Lab File: BM037810.D
Acq: 30 Nov 2022 19:39

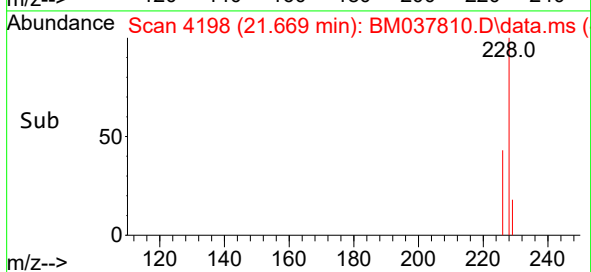
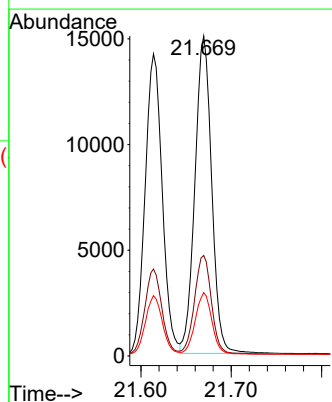
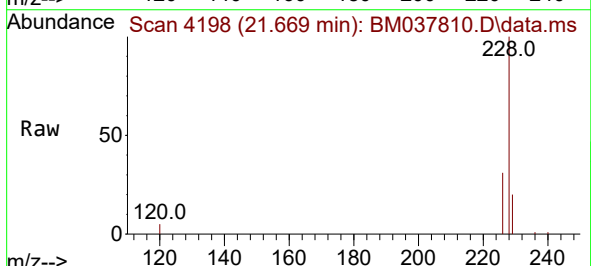
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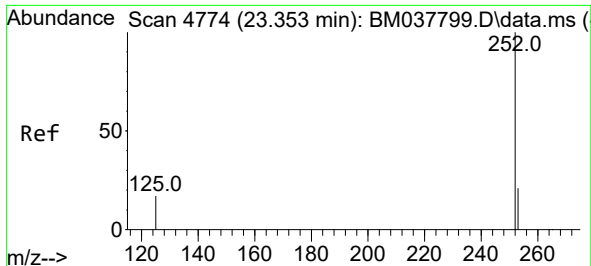
Tgt Ion:228 Resp: 18760
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 28.8 22.2 33.2



#22
Chrysene
Concen: 0.414 ng/ul
RT: 21.669 min Scan# 4198
Delta R.T. -0.000 min
Lab File: BM037810.D
Acq: 30 Nov 2022 19:39

Tgt Ion:228 Resp: 19322
Ion Ratio Lower Upper
228 100
226 31.4 24.6 37.0
229 19.8 15.5 23.3

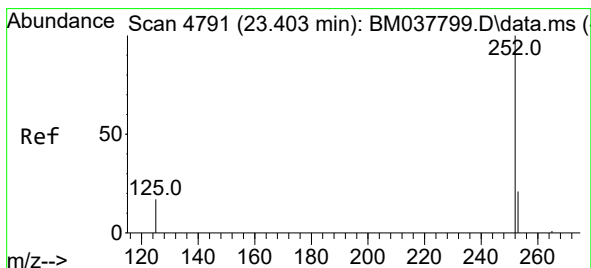
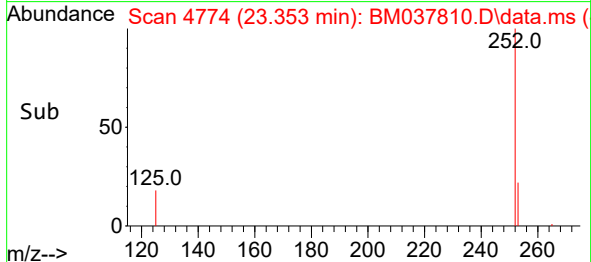
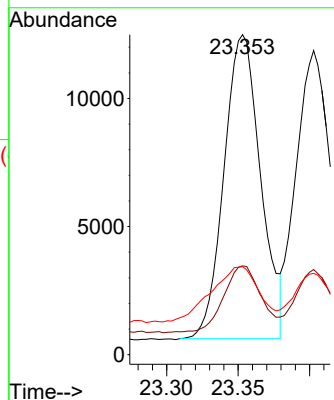
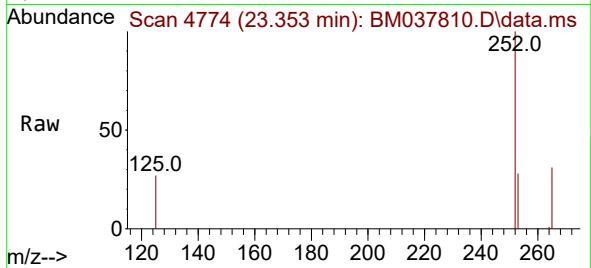




#24
Benzo(b)fluoranthene
Concen: 0.435 ng/ul
RT: 23.353 min Scan# 4774
Delta R.T. -0.000 min
Lab File: BM037810.D
Acq: 30 Nov 2022 19:39

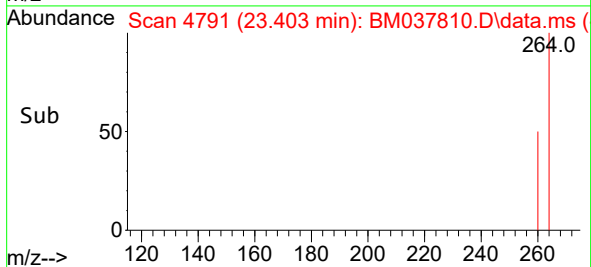
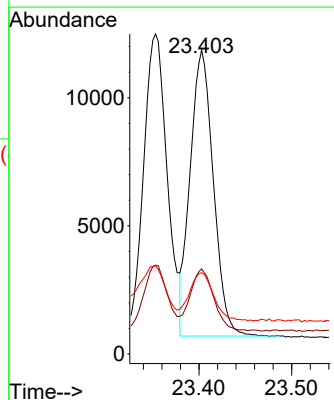
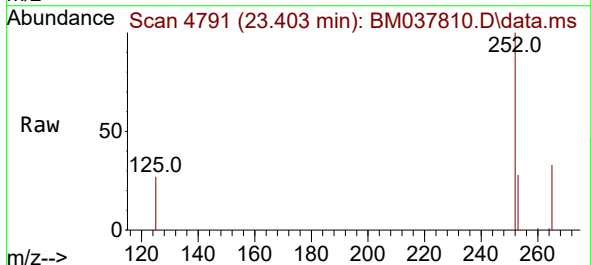
Instrument :
BNA_M
ClientSampleId :
SSTD0.4183

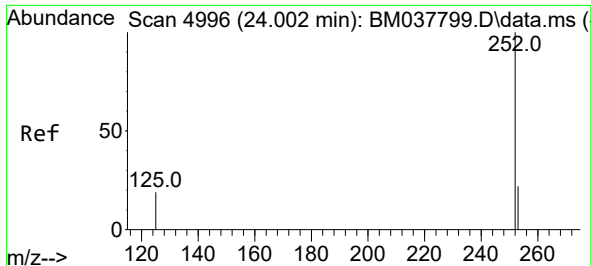
Tgt Ion:252 Resp: 21179
Ion Ratio Lower Upper
252 100
253 27.8 0.0 46.2
125 27.5 0.0 23.4#



#25
Benzo(k)fluoranthene
Concen: 0.414 ng/ul
RT: 23.403 min Scan# 4791
Delta R.T. -0.000 min
Lab File: BM037810.D
Acq: 30 Nov 2022 19:39

Tgt Ion:252 Resp: 19443
Ion Ratio Lower Upper
252 100
253 28.0 18.8 28.2
125 26.7 9.8 14.6#

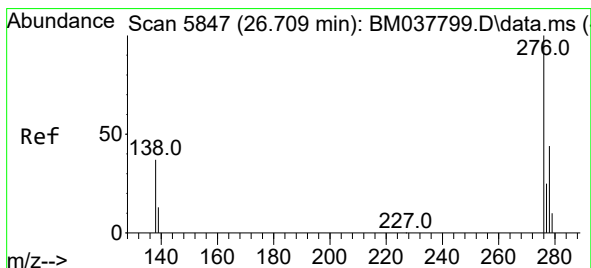
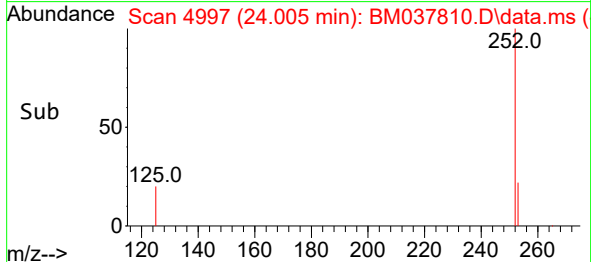
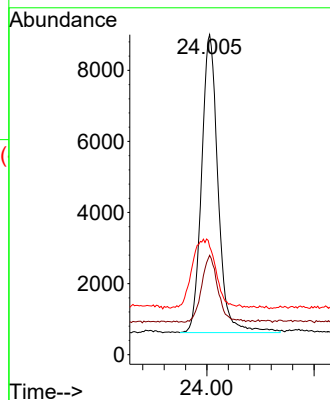
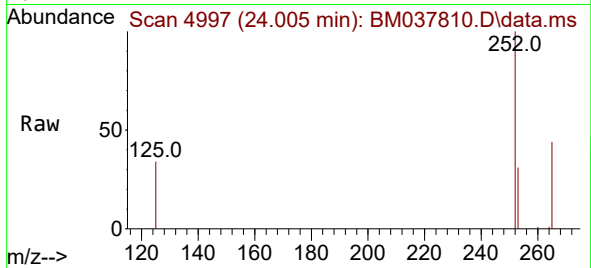




#26
Benzo(a)pyrene
Concen: 0.429 ng/ul
RT: 24.005 min Scan# 4997
Delta R.T. 0.003 min
Lab File: BM037810.D
Acq: 30 Nov 2022 19:39

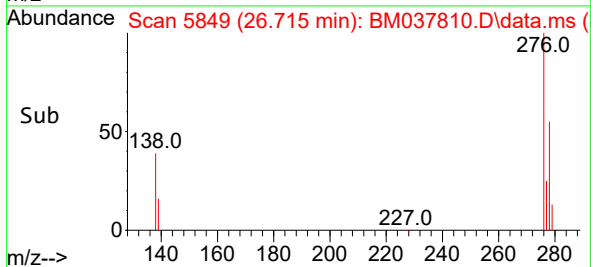
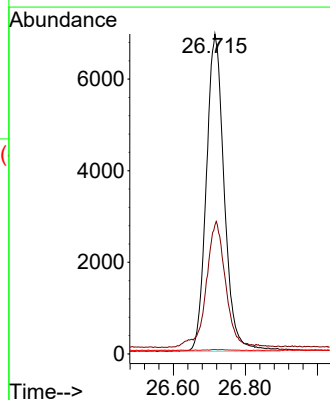
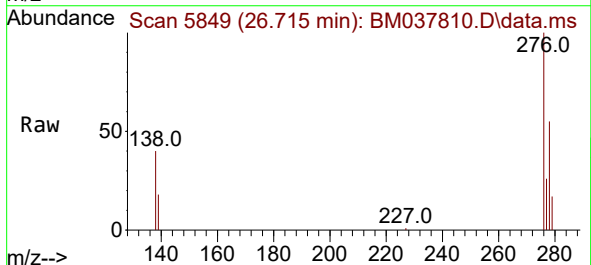
Instrument :
BNA_M
ClientSampleId :
SSTD0.4183

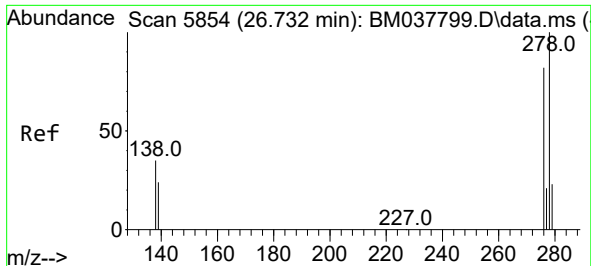
Tgt Ion:252 Resp: 17847
Ion Ratio Lower Upper
252 100
253 31.1 18.8 28.2#
125 33.7 10.5 15.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.440 ng/ul
RT: 26.715 min Scan# 5849
Delta R.T. 0.007 min
Lab File: BM037810.D
Acq: 30 Nov 2022 19:39

Tgt Ion:276 Resp: 23921
Ion Ratio Lower Upper
276 100
138 41.9 21.2 31.8#
227 0.3 0.1 0.1#

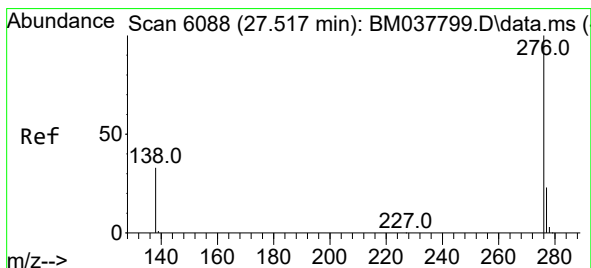
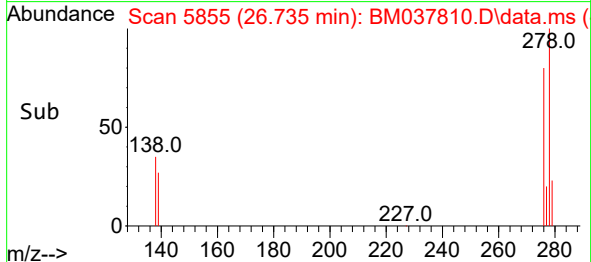
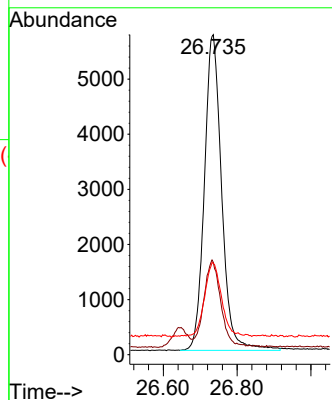
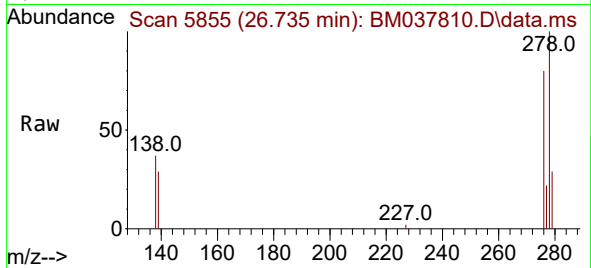




#28
 Dibenzo(a,h)anthracene
 Concen: 0.436 ng/ul
 RT: 26.735 min Scan# 5855
 Delta R.T. 0.003 min
 Lab File: BM037810.D
 Acq: 30 Nov 2022 19:39

Instrument :
 BNA_M
 ClientSampleId :
 SST00.4183

Tgt Ion: 278 Resp: 18567
 Ion Ratio Lower Upper
 278 100
 139 28.9 15.2 22.8#
 279 28.6 20.2 30.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.440 ng/ul
 RT: 27.520 min Scan# 6089
 Delta R.T. 0.003 min
 Lab File: BM037810.D
 Acq: 30 Nov 2022 19:39

Tgt Ion: 276 Resp: 20045
 Ion Ratio Lower Upper
 276 100
 138 37.4 19.0 28.4#
 277 24.8 19.4 29.2

