

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110522\
 Data File : BM037376.D
 Acq On : 05 Nov 2022 14:16
 Operator : CG/JU
 Sample : SST0.280
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.2037

Quant Time: Nov 07 00:19:09 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 00:16:16 2022
 Response via : Initial Calibration

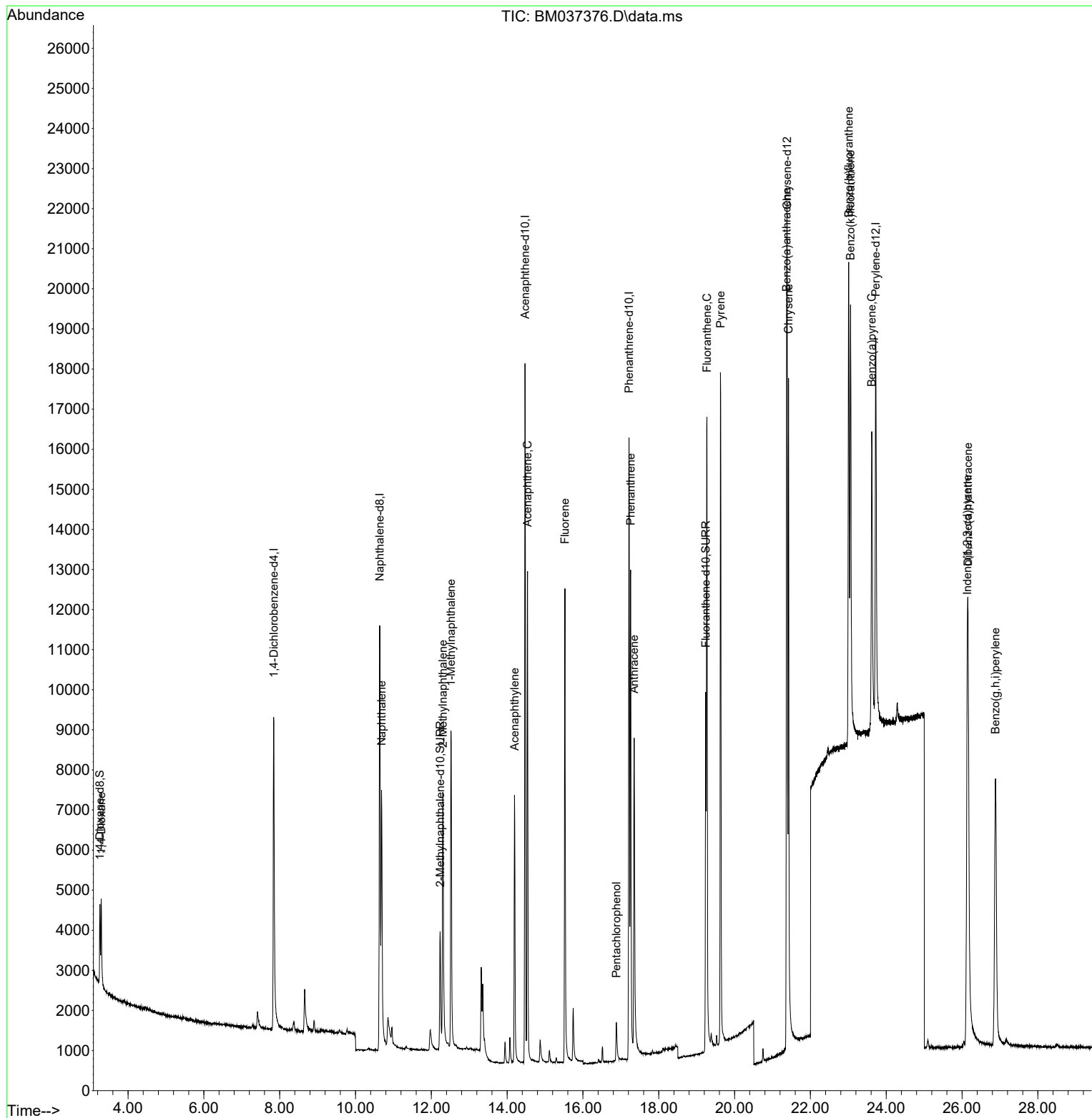
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	5359	0.400	ng/ul	0.00
4) Naphthalene-d8	10.638	136	17057	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	9509	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	19803	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	15652	0.400	ng/ul	0.00
23) Perylene-d12	23.727	264	14329	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	1491	0.228	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	5070	0.209	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	10172	0.215	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	1380	0.203	ng/ul#	85
5) Naphthalene	10.688	128	10083	0.200	ng/ul	98
7) 2-Methylnaphthalene	12.305	142	6069	0.201	ng/ul	96
8) 1-Methylnaphthalene	12.519	142	6292	0.204	ng/ul	100
10) Acenaphthylene	14.196	152	8187	0.200	ng/ul	99
11) Acenaphthene	14.538	153	7234	0.196	ng/ul	99
12) Fluorene	15.523	166	8151	0.189	ng/ul	98
14) Pentachlorophenol	16.883	266	975	0.203	ng/ul	98
15) Phenanthrene	17.258	178	13451	0.201	ng/ul	99
16) Anthracene	17.351	178	10837	0.205	ng/ul	97
19) Fluoranthene	19.271	202	15110	0.222	ng/ul	98
20) Pyrene	19.628	202	16016	0.232	ng/ul	99
21) Benzo(a)anthracene	21.371	228	13395	0.221	ng/ul	100
22) Chrysene	21.424	228	15141	0.217	ng/ul	99
24) Benzo(b)fluoranthene	23.011	252	15966	0.210	ng/ul	89
25) Benzo(k)fluoranthene	23.058	252	15609	0.213	ng/ul#	89
26) Benzo(a)pyrene	23.619	252	13750	0.226	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.138	276	18261	0.215	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.158	278	14062	0.209	ng/ul	91
29) Benzo(g,h,i)perylene	26.883	276	16105	0.215	ng/ul	98

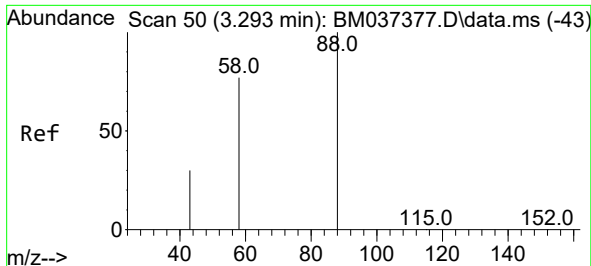
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110522\
Data File : BM037376.D
Acq On : 05 Nov 2022 14:16
Operator : CG/JU
Sample : SST00.280
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

Quant Time: Nov 07 00:19:09 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 00:16:16 2022
Response via : Initial Calibration

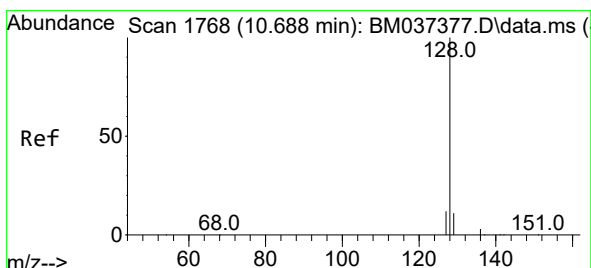
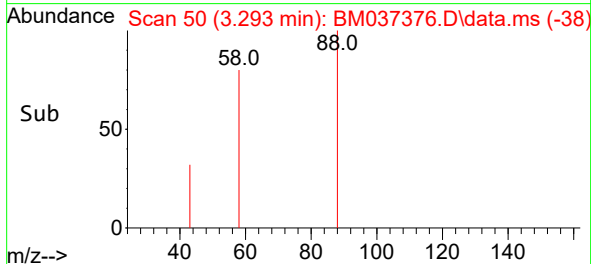
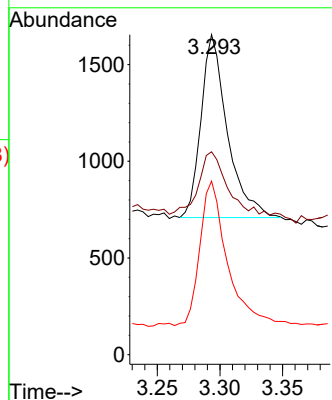
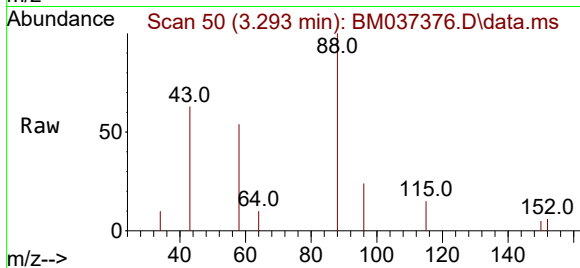




#2
1,4-Dioxane
Concen: 0.203 ng/ul
RT: 3.293 min Scan# 50
Delta R.T. 0.000 min
Lab File: BM037376.D
Acq: 05 Nov 2022 14:16

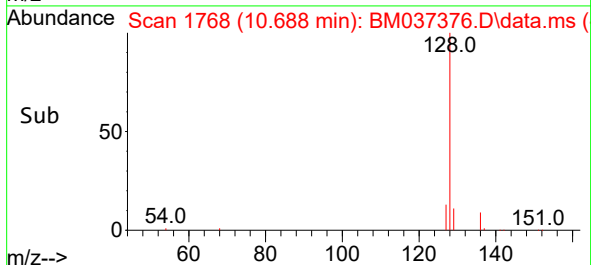
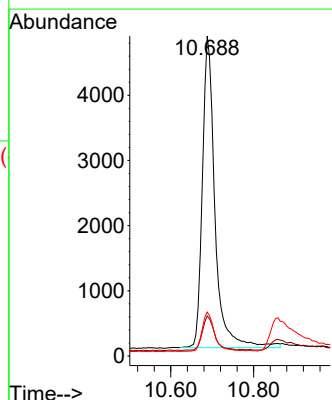
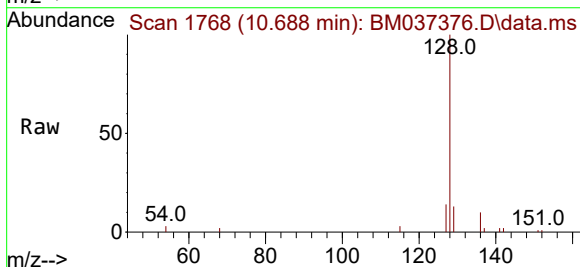
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

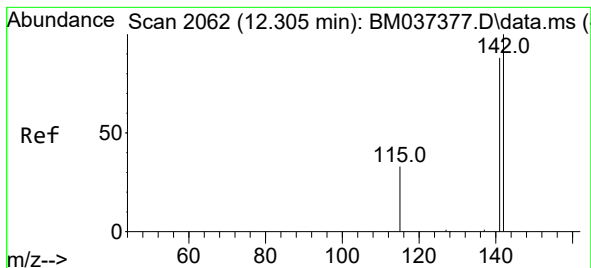
Tgt Ion: 88 Resp: 1380
Ion Ratio Lower Upper
88 100
43 63.4 39.9 59.9#
58 54.3 50.2 75.2



#5
Naphthalene
Concen: 0.200 ng/ul
RT: 10.688 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BM037376.D
Acq: 05 Nov 2022 14:16

Tgt Ion: 128 Resp: 10083
Ion Ratio Lower Upper
128 100
129 12.5 9.2 13.8
127 13.7 10.2 15.4

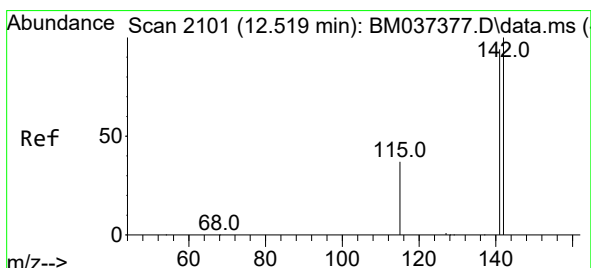
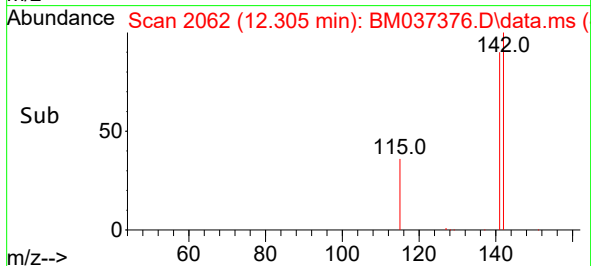
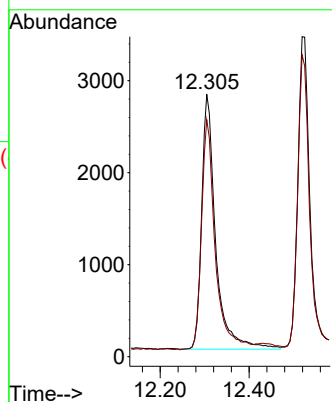
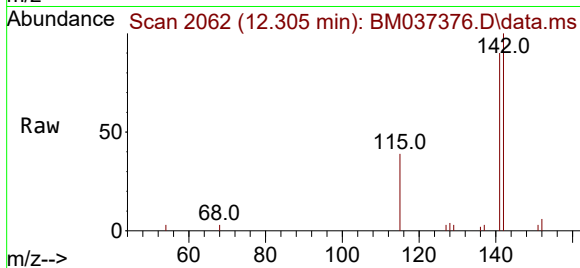




#7
2-Methylnaphthalene
Concen: 0.201 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BM037376.D
Acq: 05 Nov 2022 14:16

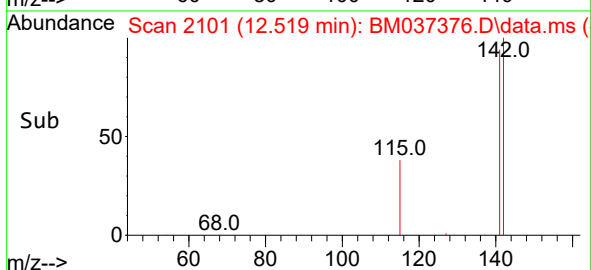
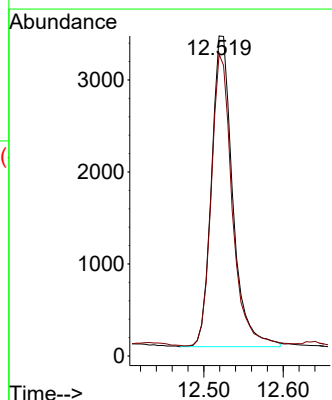
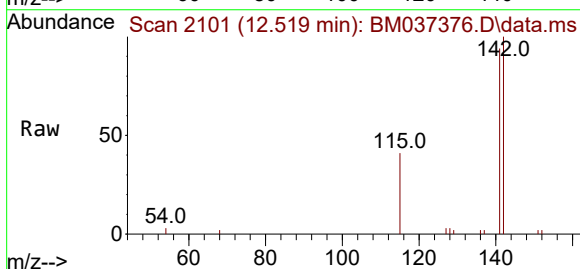
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

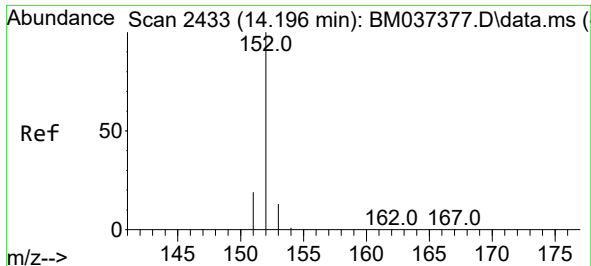
Tgt Ion:142 Resp: 6069
Ion Ratio Lower Upper
142 100
141 92.1 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.204 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM037376.D
Acq: 05 Nov 2022 14:16

Tgt Ion:142 Resp: 6292
Ion Ratio Lower Upper
142 100
141 92.0 73.9 110.9

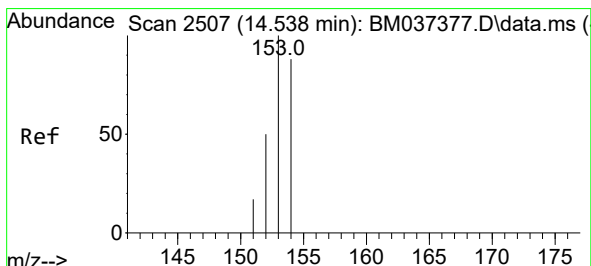
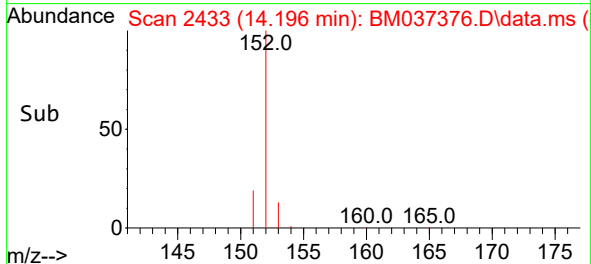
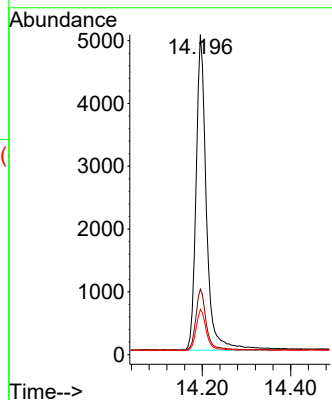
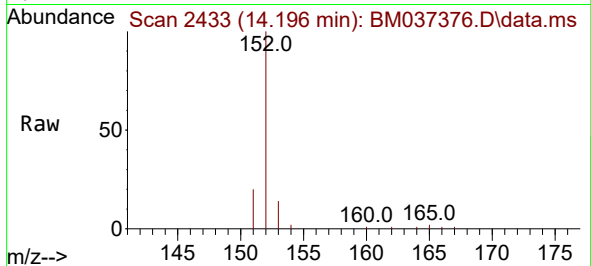




#10
Acenaphthylene
Concen: 0.200 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BM037376.D
Acq: 05 Nov 2022 14:16

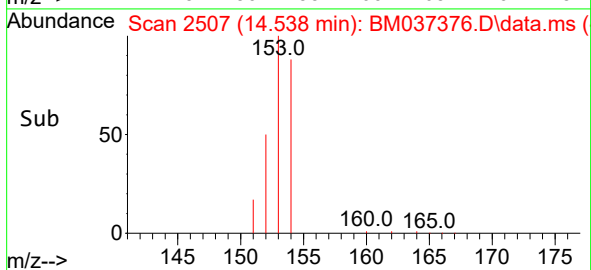
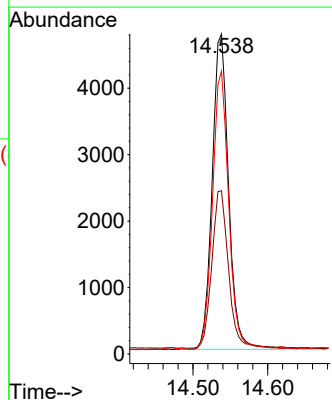
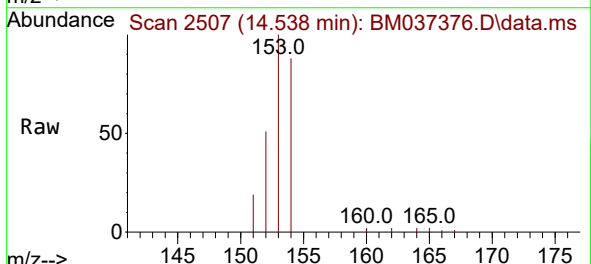
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

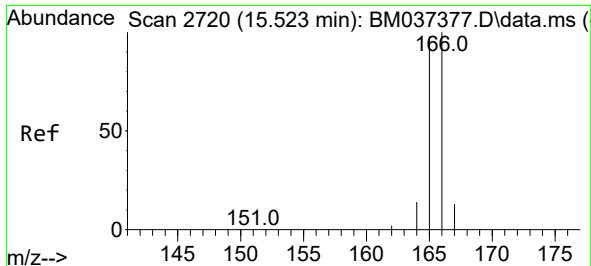
Tgt Ion:152	Resp:	8187
Ion Ratio	Lower	Upper
152	100	
151	20.5	16.1 24.1
153	14.2	11.0 16.4



#11
Acenaphthene
Concen: 0.196 ng/ul
RT: 14.538 min Scan# 2507
Delta R.T. 0.000 min
Lab File: BM037376.D
Acq: 05 Nov 2022 14:16

Tgt Ion:153	Resp:	7234
Ion Ratio	Lower	Upper
153	100	
152	51.0	40.2 60.4
154	88.4	70.4 105.6

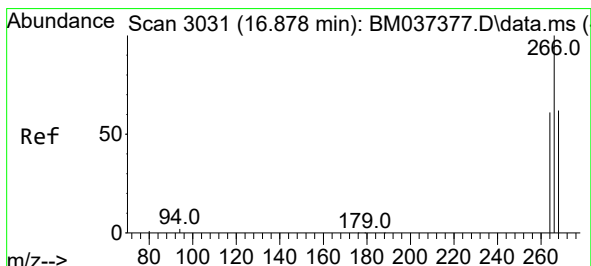
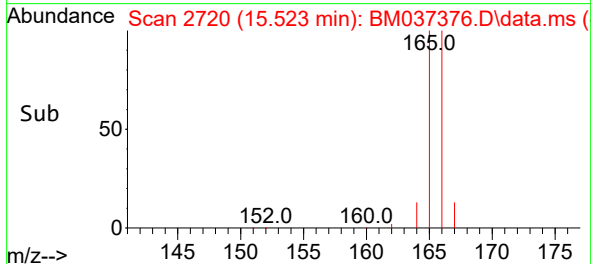
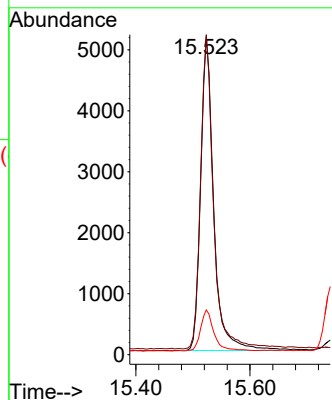
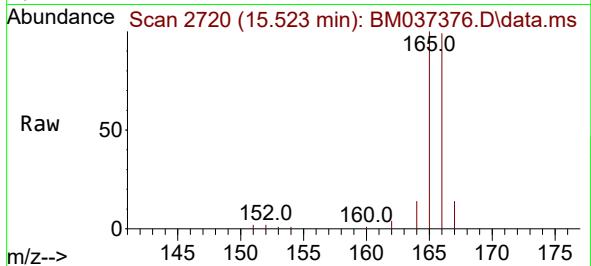




#12
Fluorene
Concen: 0.189 ng/ul
RT: 15.523 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037376.D
Acq: 05 Nov 2022 14:16

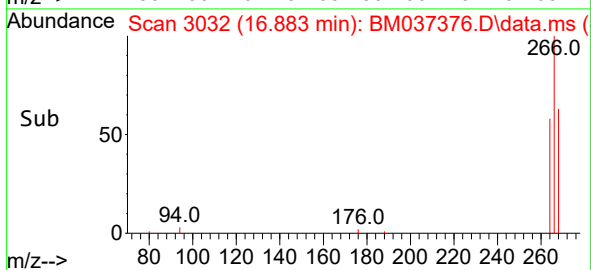
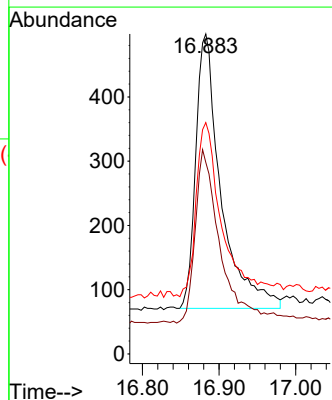
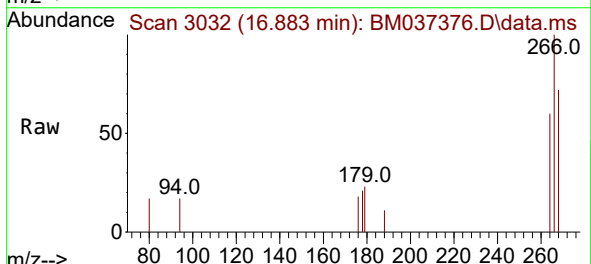
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

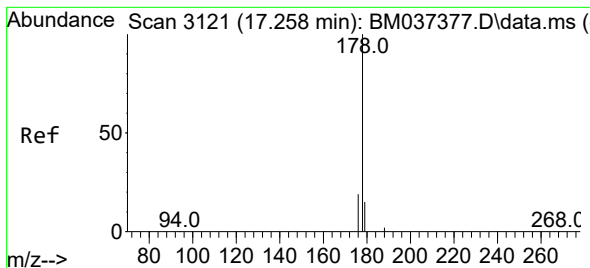
Tgt Ion:166 Resp: 8151
Ion Ratio Lower Upper
166 100
165 100.6 79.0 118.4
167 14.1 11.1 16.7



#14
Pentachlorophenol
Concen: 0.203 ng/ul
RT: 16.883 min Scan# 3032
Delta R.T. 0.004 min
Lab File: BM037376.D
Acq: 05 Nov 2022 14:16

Tgt Ion:266 Resp: 975
Ion Ratio Lower Upper
266 100
264 64.3 49.9 74.9
268 66.4 51.9 77.9





#15

Phenanthrene

Concen: 0.201 ng/ul

RT: 17.258 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BM037376.D

Acq: 05 Nov 2022 14:16

Instrument :

BNA_M

ClientSampleId :

SSTD0.2037

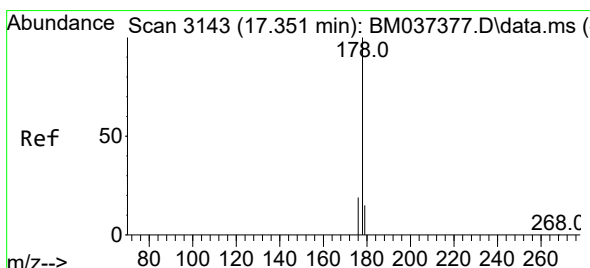
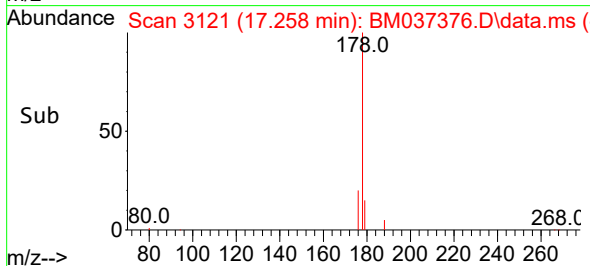
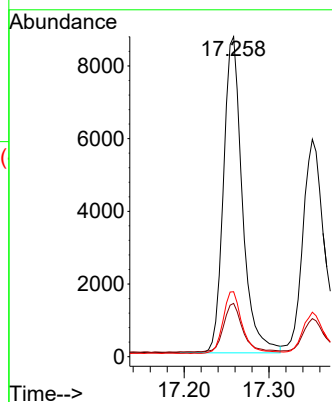
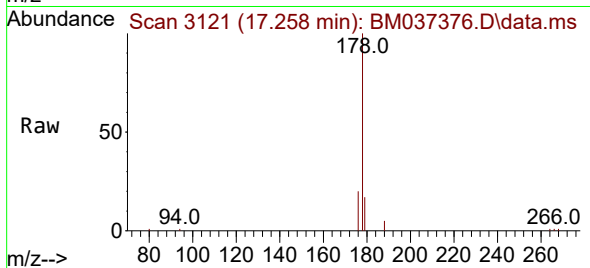
Tgt Ion:178 Resp: 13451

Ion Ratio Lower Upper

178 100

179 16.6 12.9 19.3

176 20.3 16.0 24.0



#16

Anthracene

Concen: 0.205 ng/ul

RT: 17.351 min Scan# 3143

Delta R.T. 0.000 min

Lab File: BM037376.D

Acq: 05 Nov 2022 14:16

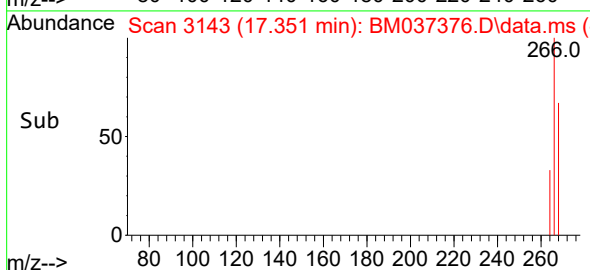
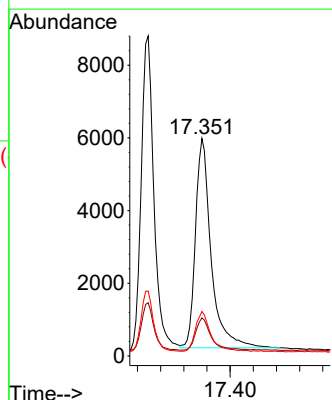
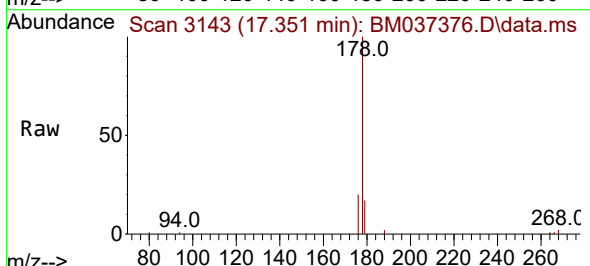
Tgt Ion:178 Resp: 10837

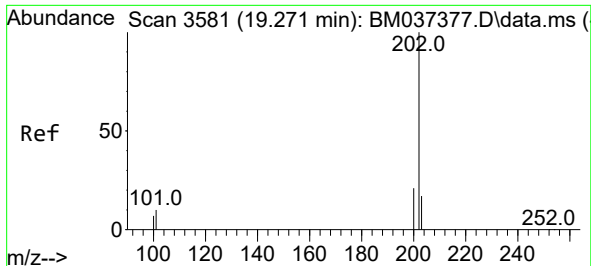
Ion Ratio Lower Upper

178 100

179 17.5 13.0 19.4

176 20.4 15.5 23.3

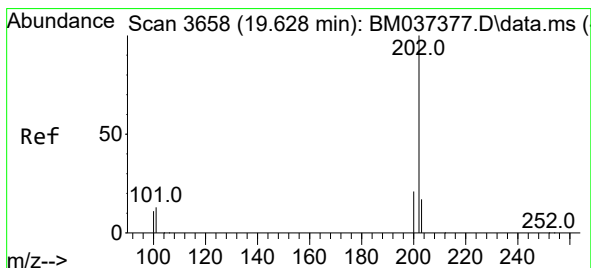
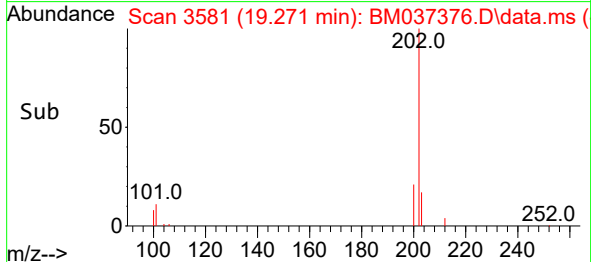
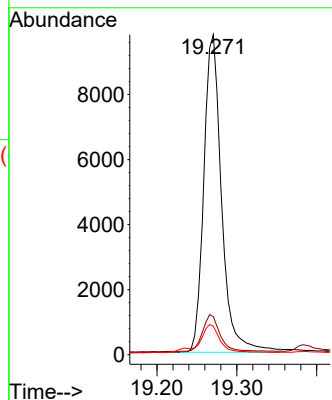
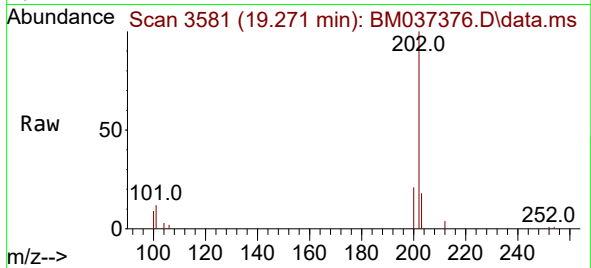




#19
Fluoranthene
Concen: 0.222 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. 0.000 min
Lab File: BM037376.D
Acq: 05 Nov 2022 14:16

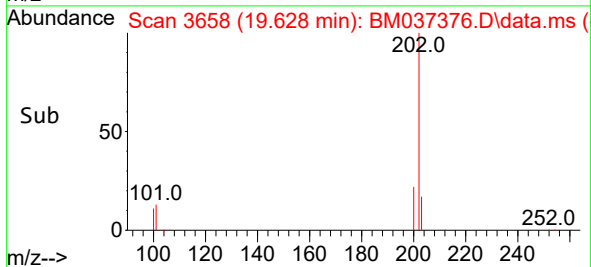
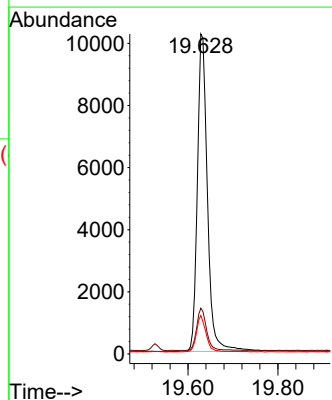
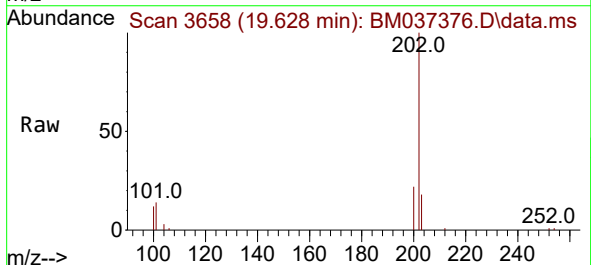
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

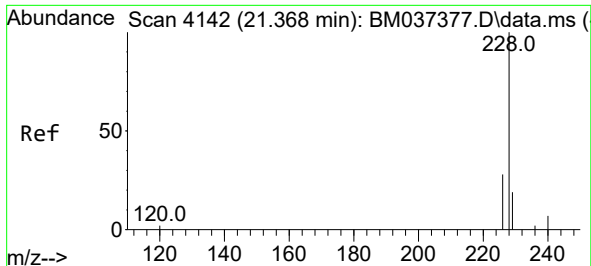
Tgt Ion:202 Resp: 15110
Ion Ratio Lower Upper
202 100
101 11.9 8.7 13.1
100 8.9 6.6 10.0



#20
Pyrene
Concen: 0.232 ng/ul
RT: 19.628 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BM037376.D
Acq: 05 Nov 2022 14:16

Tgt Ion:202 Resp: 16016
Ion Ratio Lower Upper
202 100
101 14.3 11.1 16.7
100 12.0 9.0 13.4

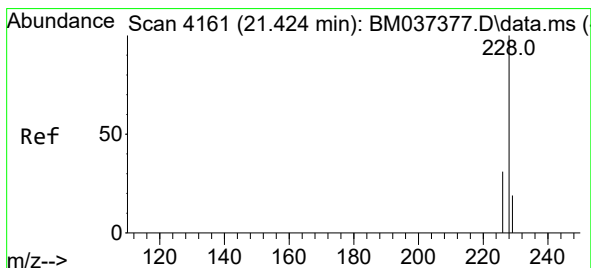
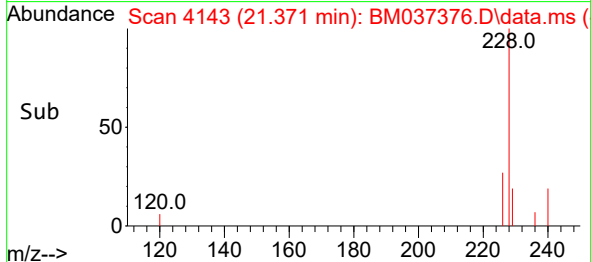
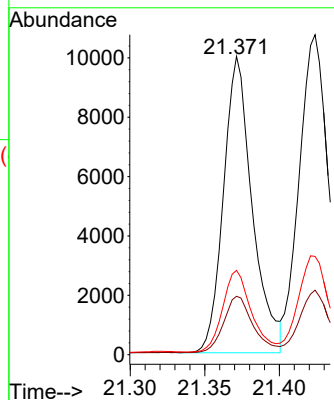
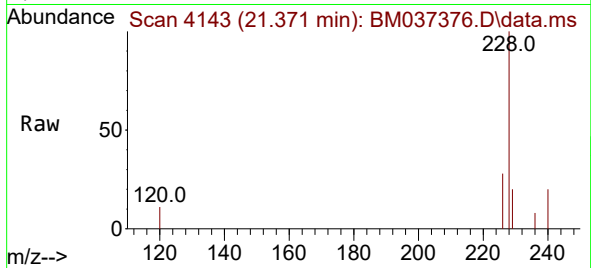




#21
Benzo(a)anthracene
Concen: 0.221 ng/ul
RT: 21.371 min Scan# 4143
Delta R.T. 0.003 min
Lab File: BM037376.D
Acq: 05 Nov 2022 14:16

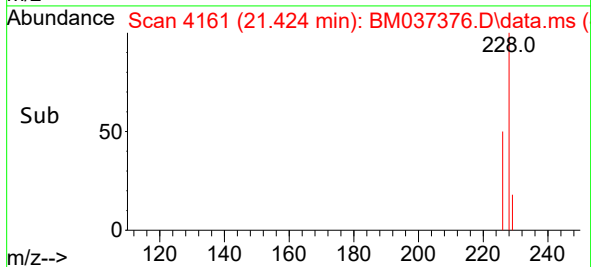
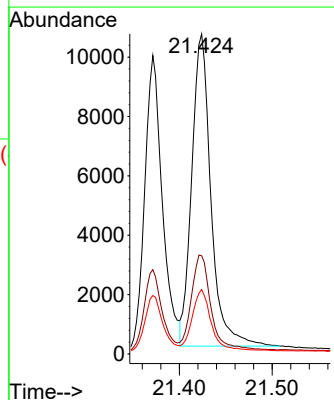
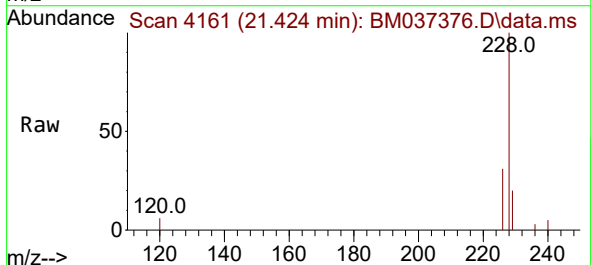
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

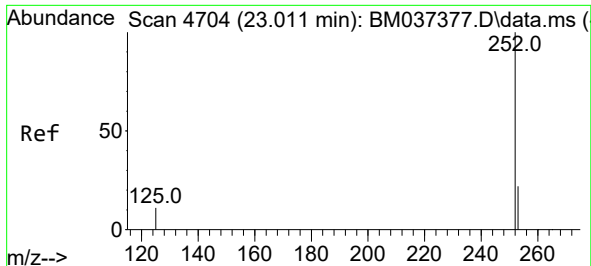
Tgt Ion:228 Resp: 13395
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 28.3 22.6 33.8



#22
Chrysene
Concen: 0.217 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. 0.000 min
Lab File: BM037376.D
Acq: 05 Nov 2022 14:16

Tgt Ion:228 Resp: 15141
Ion Ratio Lower Upper
228 100
226 30.7 24.8 37.2
229 20.1 15.6 23.4

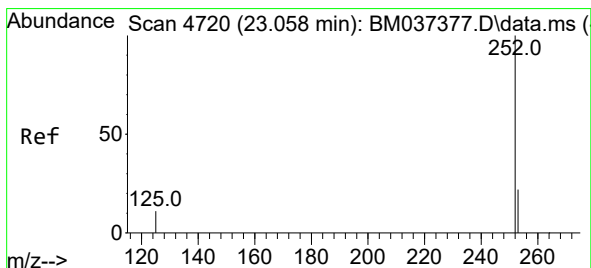
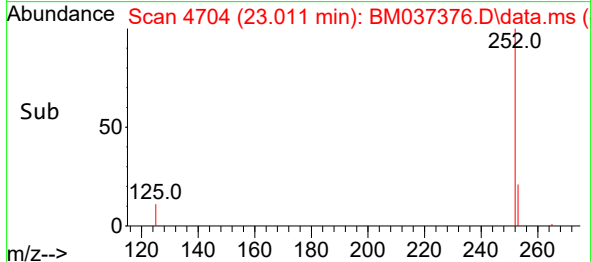
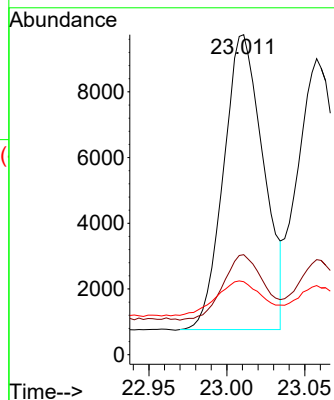
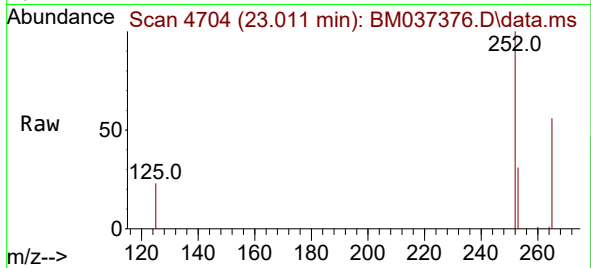




#24
Benzo(b)fluoranthene
Concen: 0.210 ng/ul
RT: 23.011 min Scan# 4704
Delta R.T. 0.000 min
Lab File: BM037376.D
Acq: 05 Nov 2022 14:16

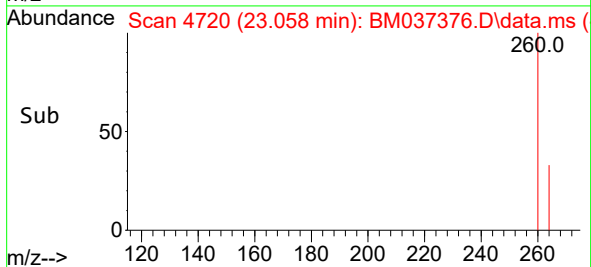
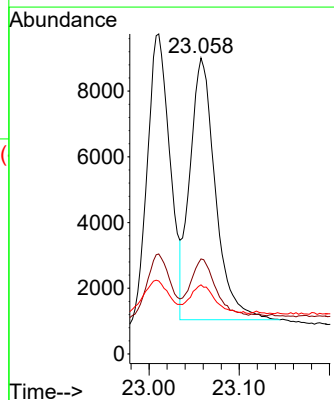
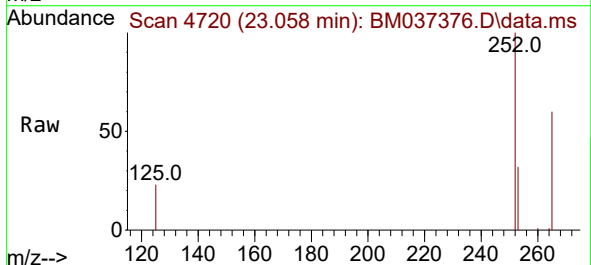
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

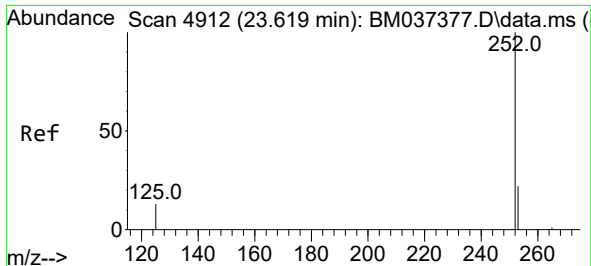
Tgt Ion:252 Resp: 15966
Ion Ratio Lower Upper
252 100
253 31.3 0.0 52.6
125 22.8 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.213 ng/ul
RT: 23.058 min Scan# 4720
Delta R.T. 0.000 min
Lab File: BM037376.D
Acq: 05 Nov 2022 14:16

Tgt Ion:252 Resp: 15609
Ion Ratio Lower Upper
252 100
253 32.1 21.6 32.4
125 23.4 13.8 20.8#

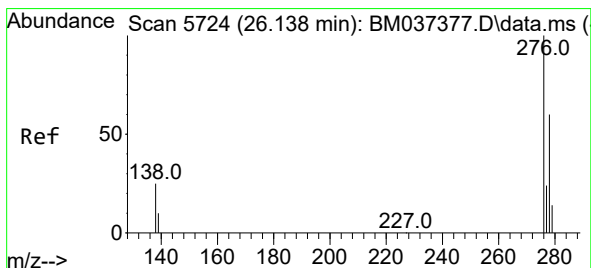
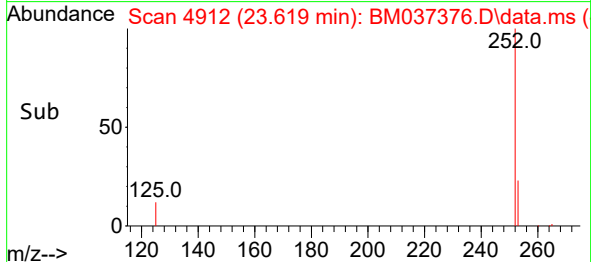
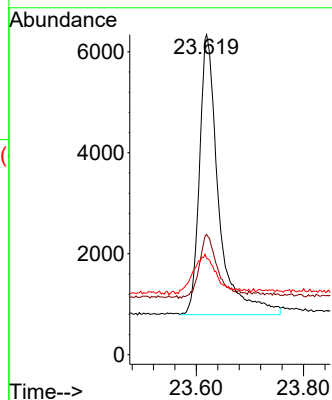
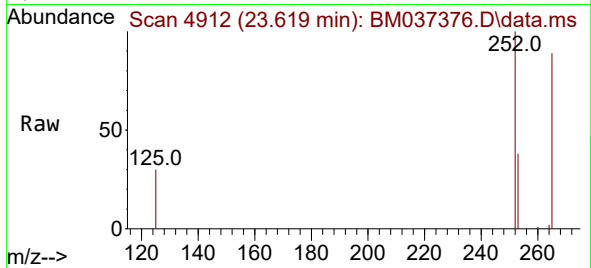




#26
Benzo(a)pyrene
Concen: 0.226 ng/ul
RT: 23.619 min Scan# 4912
Delta R.T. 0.000 min
Lab File: BM037376.D
Acq: 05 Nov 2022 14:16

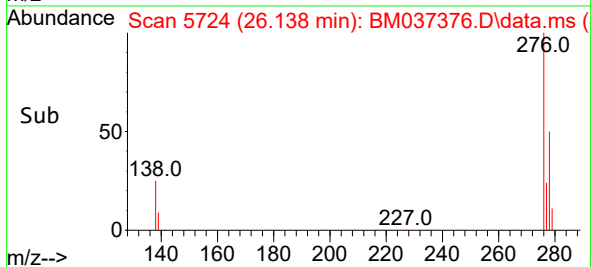
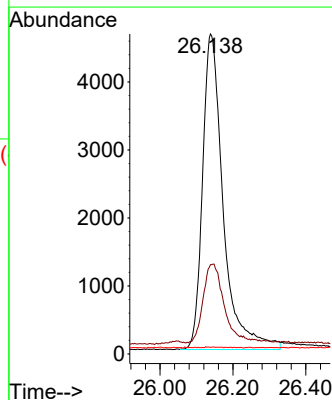
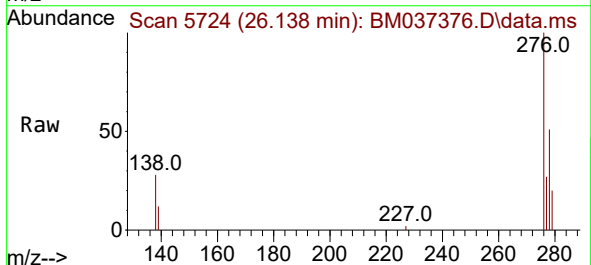
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

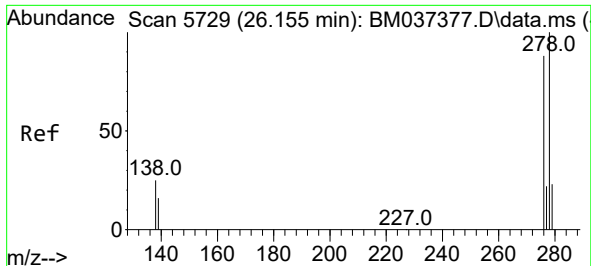
Tgt Ion:252 Resp: 13750
Ion Ratio Lower Upper
252 100
253 37.6 23.8 35.6#
125 30.1 17.2 25.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.215 ng/ul
RT: 26.138 min Scan# 5724
Delta R.T. 0.000 min
Lab File: BM037376.D
Acq: 05 Nov 2022 14:16

Tgt Ion:276 Resp: 18261
Ion Ratio Lower Upper
276 100
138 26.3 20.8 31.2
227 0.1 0.1 0.1#

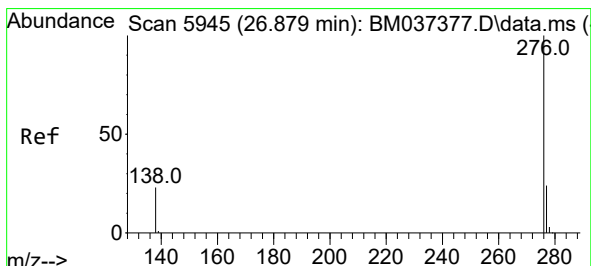
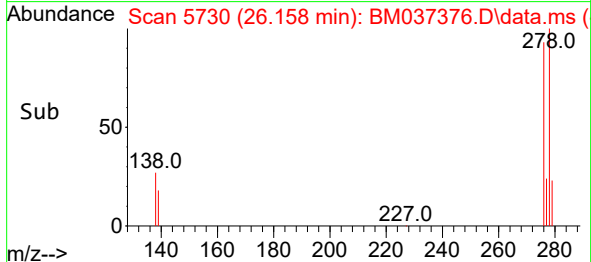
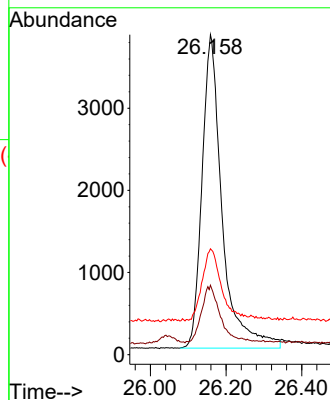
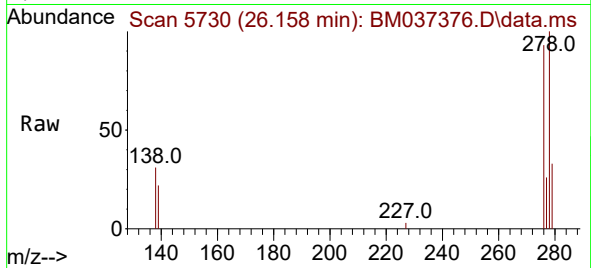




#28
Dibenzo(a,h)anthracene
Concen: 0.209 ng/ul
RT: 26.158 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM037376.D
Acq: 05 Nov 2022 14:16

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

Tgt Ion:278 Resp: 14062
Ion Ratio Lower Upper
278 100
139 21.7 15.2 22.8
279 33.1 22.2 33.2



#29
Benzo(g,h,i)perylene
Concen: 0.215 ng/ul
RT: 26.883 min Scan# 5946
Delta R.T. 0.003 min
Lab File: BM037376.D
Acq: 05 Nov 2022 14:16

Tgt Ion:276 Resp: 16105
Ion Ratio Lower Upper
276 100
138 25.1 19.6 29.4
277 26.1 20.1 30.1

