

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121322\
 Data File : BM037988.D
 Acq On : 13 Dec 2022 17:44
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV014

Quant Time: Dec 14 01:31:30 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 01:30:33 2022
 Response via : Initial Calibration

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

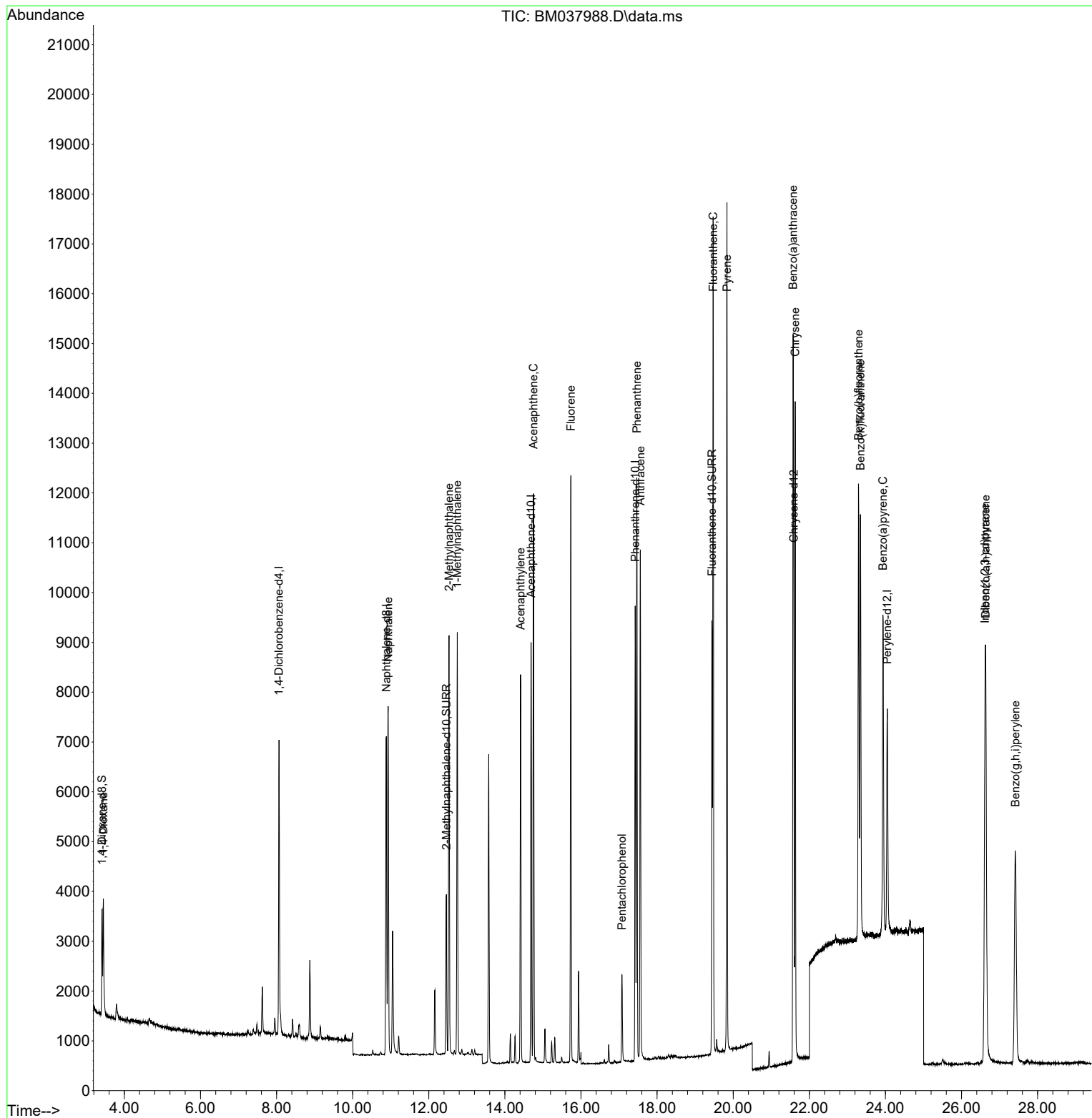
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	3038	0.400	ng/ul	0.00
4) Naphthalene-d8	10.884	136	8370	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	4391	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	9673	0.400	ng/ul	0.00
17) Chrysene-d12	21.591	240	7097	0.400	ng/ul	0.00
23) Perylene-d12	24.050	264	6360	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	1503	0.351	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.462	152	4121	0.348	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	8490	0.351	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	1548	0.365	ng/ul#	73
5) Naphthalene	10.933	128	9555	0.374	ng/ul	99
7) 2-Methylnaphthalene	12.533	142	5937	0.394	ng/ul	99
8) 1-Methylnaphthalene	12.748	142	5710	0.370	ng/ul	99
10) Acenaphthylene	14.412	152	8811	0.354	ng/ul	99
11) Acenaphthene	14.754	153	6452	0.361	ng/ul	95
12) Fluorene	15.735	166	7382	0.360	ng/ul	97
14) Pentachlorophenol	17.075	266	1266	0.308	ng/ul	98
15) Phenanthrene	17.468	178	12080	0.360	ng/ul	99
16) Anthracene	17.561	178	11143	0.363	ng/ul	99
19) Fluoranthene	19.473	202	13264	0.354	ng/ul	99
20) Pyrene	19.836	202	13606	0.357	ng/ul	99
21) Benzo(a)anthracene	21.574	228	11514	0.355	ng/ul	98
22) Chrysene	21.629	228	11727	0.348	ng/ul	99
24) Benzo(b)fluoranthene	23.293	252	11850	0.336	ng/ul	99
25) Benzo(k)fluoranthene	23.345	252	11387	0.344	ng/ul	99
26) Benzo(a)pyrene	23.936	252	9881	0.345	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.619	276	11242	0.323	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.636	278	9108	0.340	ng/ul	98
29) Benzo(g,h,i)perylene	27.414	276	9881	0.341	ng/ul	98

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

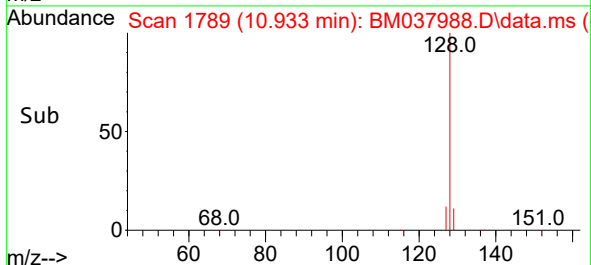
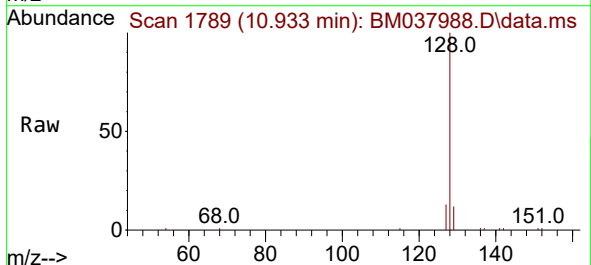
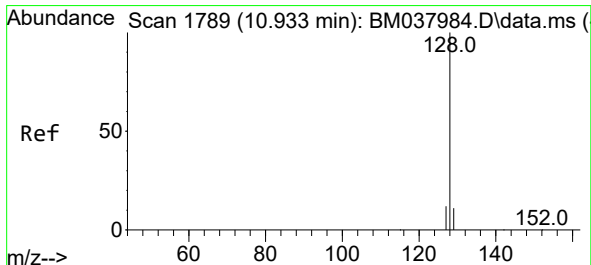
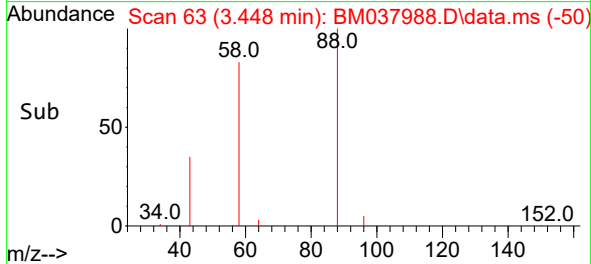
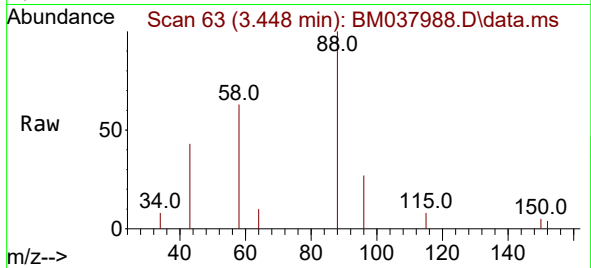
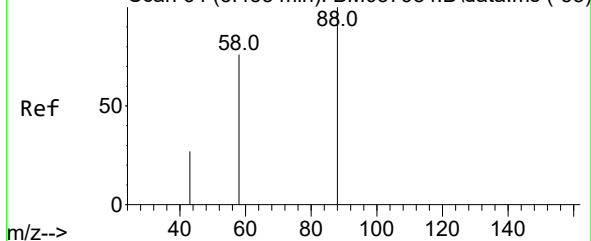
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121322\
Data File : BM037988.D
Acq On : 13 Dec 2022 17:44
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV014

Quant Time: Dec 14 01:31:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 01:30:33 2022
Response via : Initial Calibration



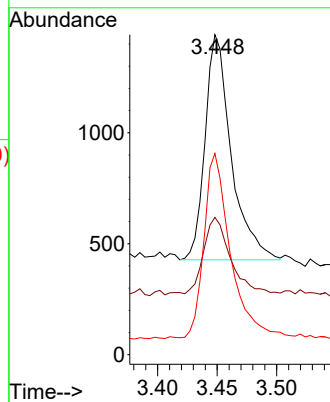
Abundance Scan 64 (3.453 min): BM037984.D\data.ms (-58)



#2
1,4-Dioxane
Concen: 0.365 ng/ul
RT: 3.448 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM037988.D
Acq: 13 Dec 2022 17:44

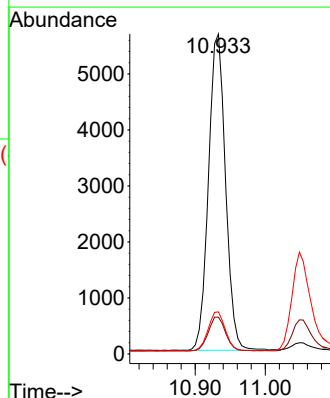
Instrument :
BNA_M
ClientSampleId :
SICV014

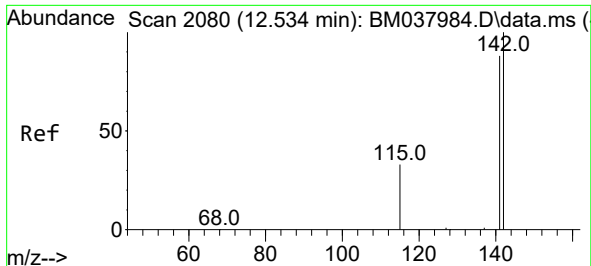
Tgt Ion: 88 Resp: 1548
Ion Ratio Lower Upper
88 100
43 42.9 25.5 38.3#
58 62.9 33.8 50.8#



#5
Naphthalene
Concen: 0.374 ng/ul
RT: 10.933 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM037988.D
Acq: 13 Dec 2022 17:44

Tgt Ion:128 Resp: 9555
Ion Ratio Lower Upper
128 100
129 11.5 9.7 14.5
127 13.2 10.8 16.2

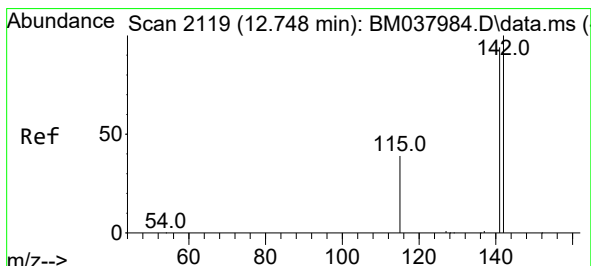
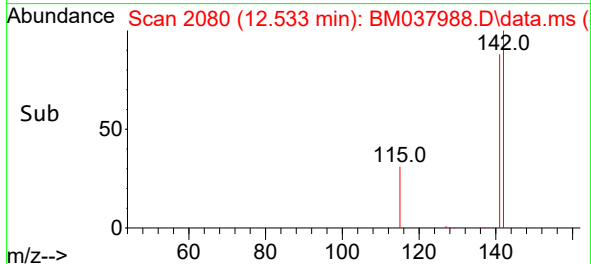
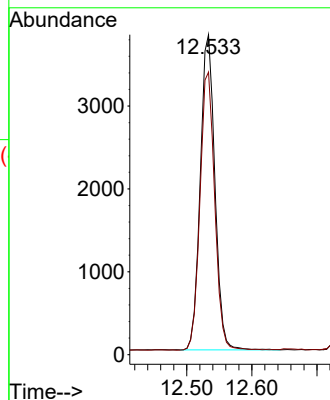
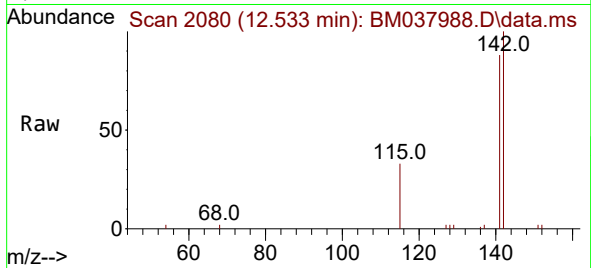




#7
2-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.533 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BM037988.D
Acq: 13 Dec 2022 17:44

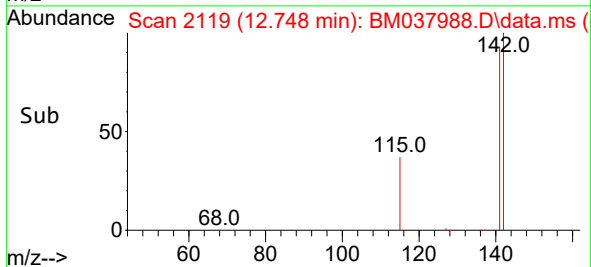
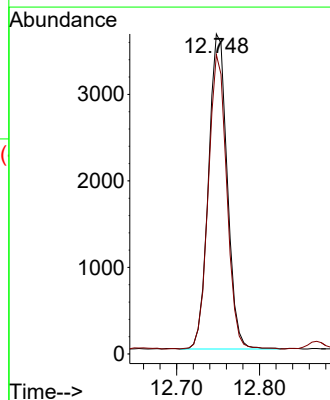
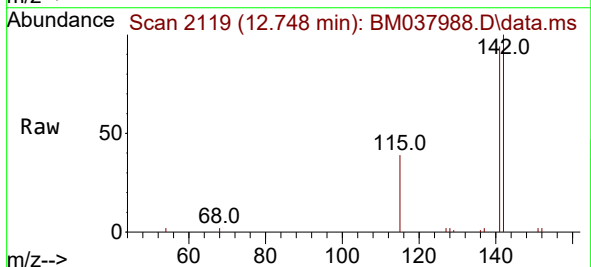
Instrument :
BNA_M
ClientSampleId :
SICV014

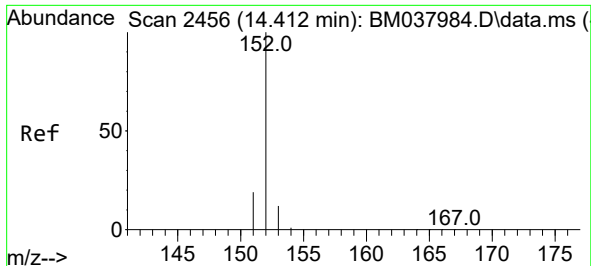
Tgt Ion:142 Resp: 5937
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM037988.D
Acq: 13 Dec 2022 17:44

Tgt Ion:142 Resp: 5710
Ion Ratio Lower Upper
142 100
141 92.1 73.1 109.7

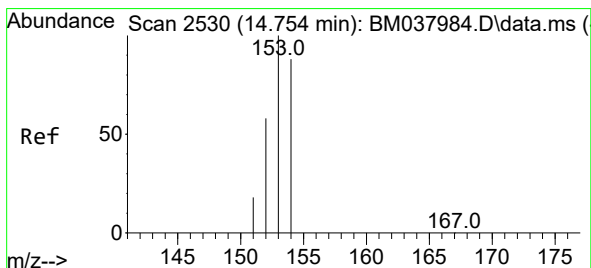
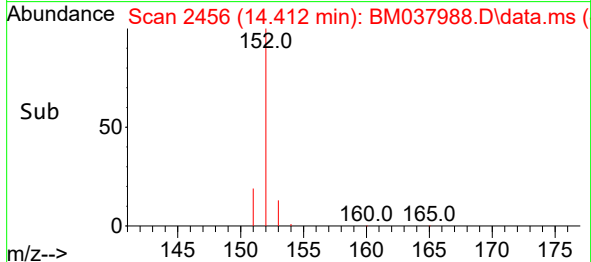
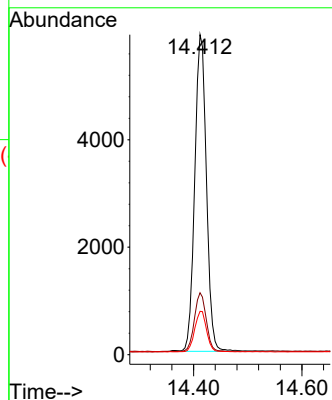
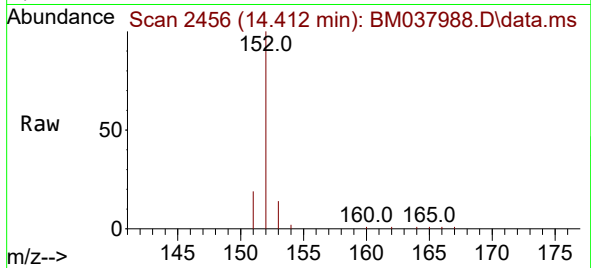




#10
Acenaphthylene
Concen: 0.354 ng/ul
RT: 14.412 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BM037988.D
Acq: 13 Dec 2022 17:44

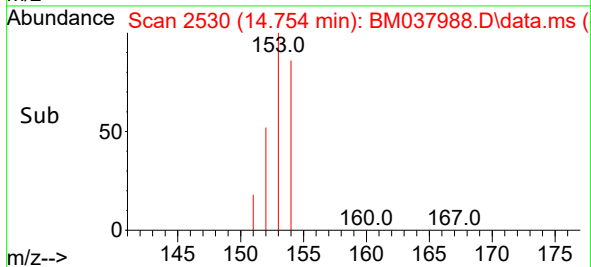
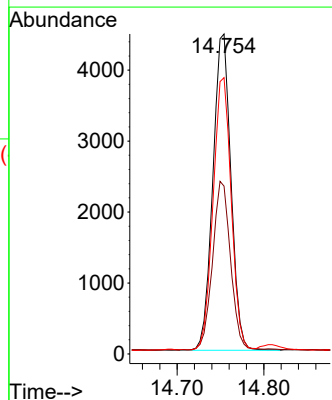
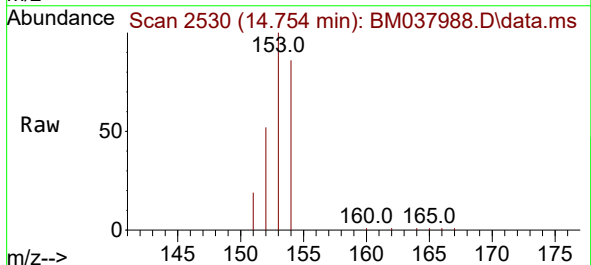
Instrument :
BNA_M
ClientSampleId :
SICV014

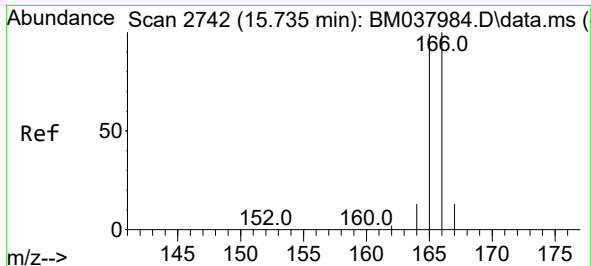
Tgt Ion:152 Resp: 8811
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 13.5 10.7 16.1



#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.754 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BM037988.D
Acq: 13 Dec 2022 17:44

Tgt Ion:153 Resp: 6452
Ion Ratio Lower Upper
153 100
152 52.4 47.1 70.7
154 86.4 70.7 106.1

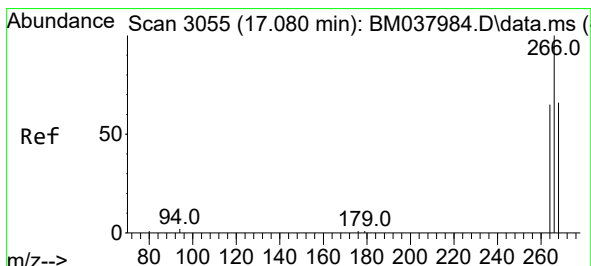
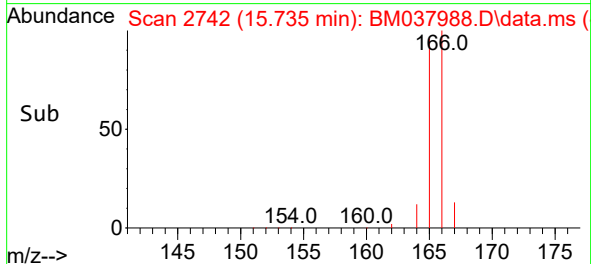
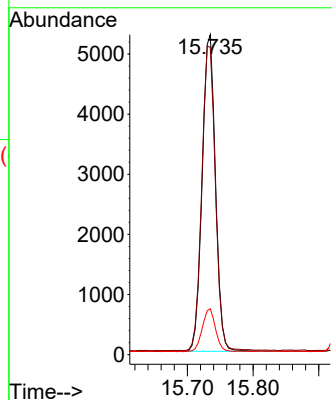
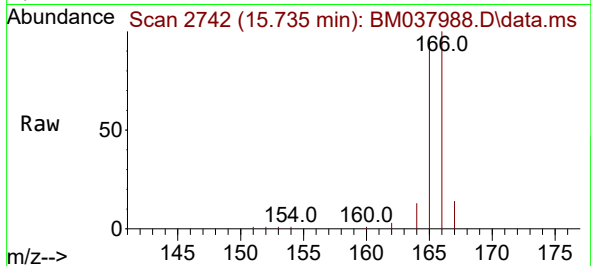




#12
Fluorene
Concen: 0.360 ng/ul
RT: 15.735 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037988.D
Acq: 13 Dec 2022 17:44

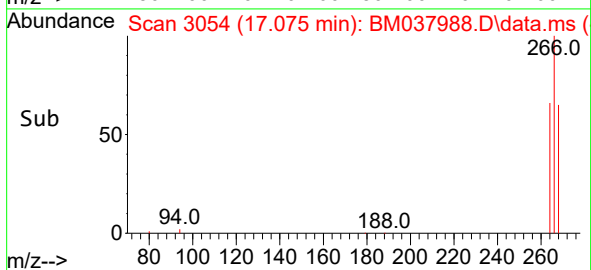
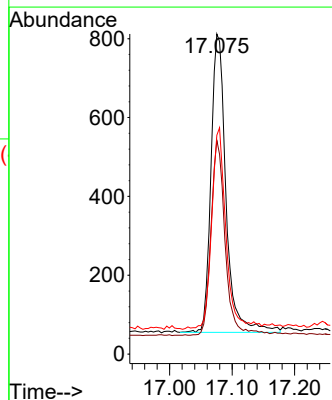
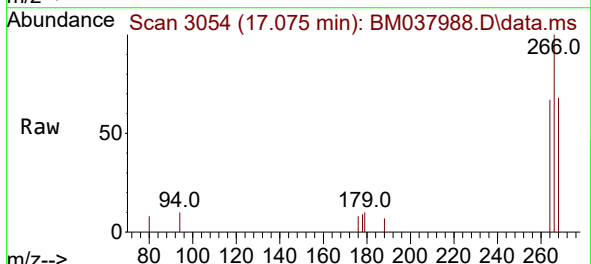
Instrument :
BNA_M
ClientSampleId :
SICV014

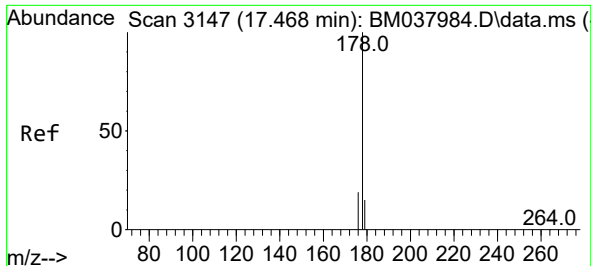
Tgt Ion:166 Resp: 7382
Ion Ratio Lower Upper
166 100
165 96.0 79.8 119.6
167 14.4 11.7 17.5



#14
Pentachlorophenol
Concen: 0.308 ng/ul
RT: 17.075 min Scan# 3054
Delta R.T. -0.004 min
Lab File: BM037988.D
Acq: 13 Dec 2022 17:44

Tgt Ion:266 Resp: 1266
Ion Ratio Lower Upper
266 100
264 61.4 50.9 76.3
268 63.9 50.4 75.6

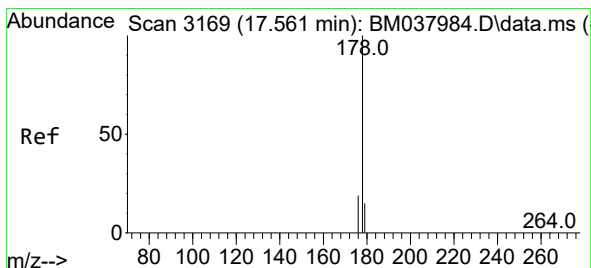
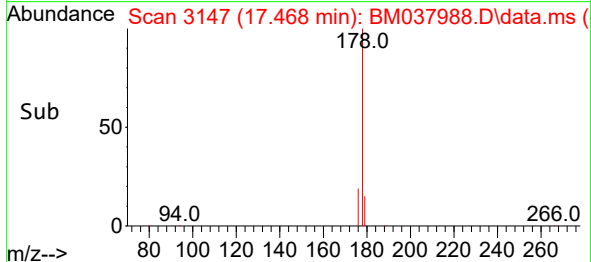
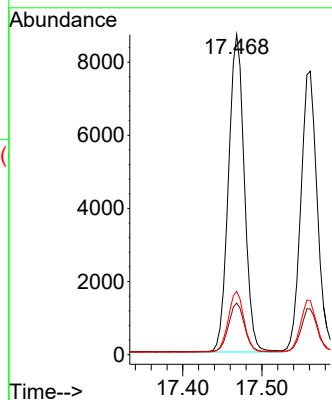
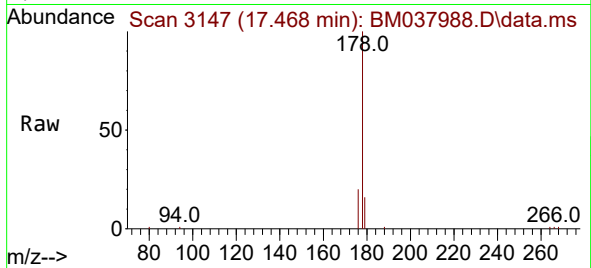




#15
Phenanthrene
Concen: 0.360 ng/ul
RT: 17.468 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BM037988.D
Acq: 13 Dec 2022 17:44

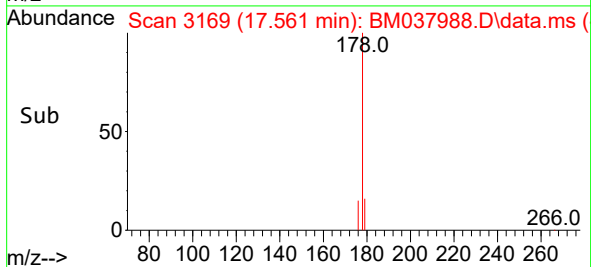
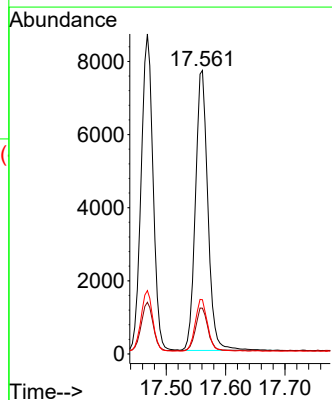
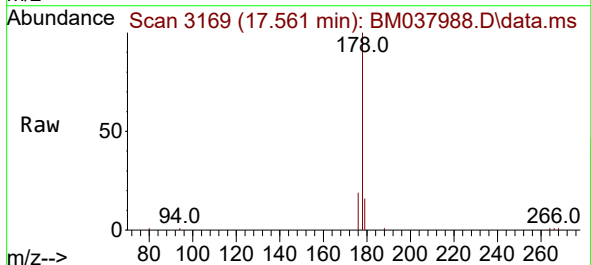
Instrument :
BNA_M
ClientSampleId :
SICV014

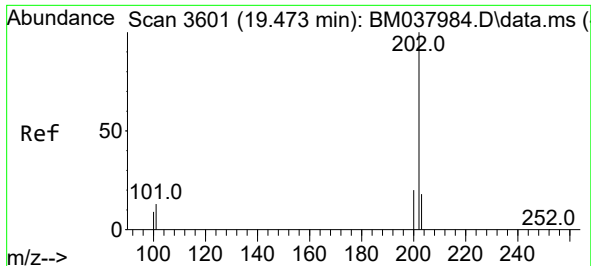
Tgt Ion:	178	Resp:	12080
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.7	19.1
176	19.8	16.2	24.2



#16
Anthracene
Concen: 0.363 ng/ul
RT: 17.561 min Scan# 3169
Delta R.T. -0.000 min
Lab File: BM037988.D
Acq: 13 Dec 2022 17:44

Tgt Ion:	178	Resp:	11143
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.4	20.0
176	19.1	15.8	23.6

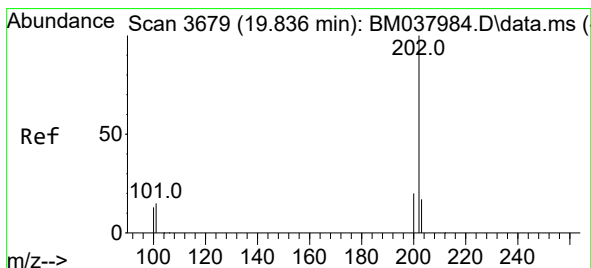
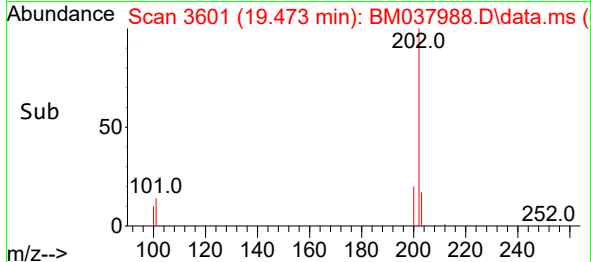
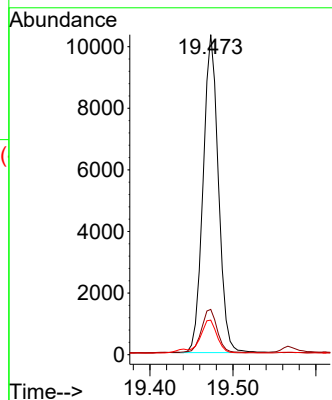
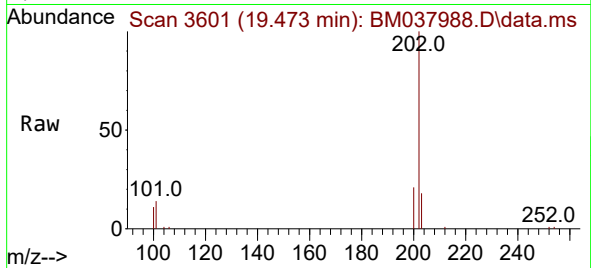




#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 19.473 min Scan# 3601
Delta R.T. -0.000 min
Lab File: BM037988.D
Acq: 13 Dec 2022 17:44

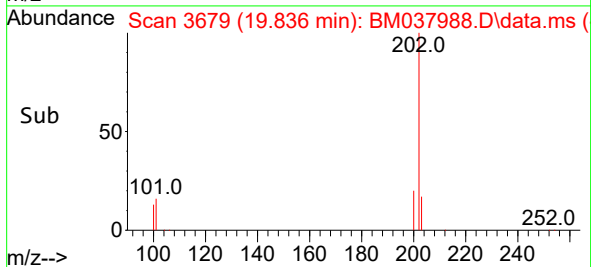
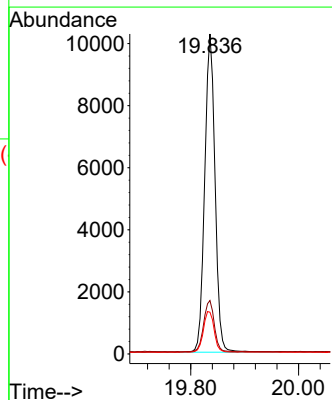
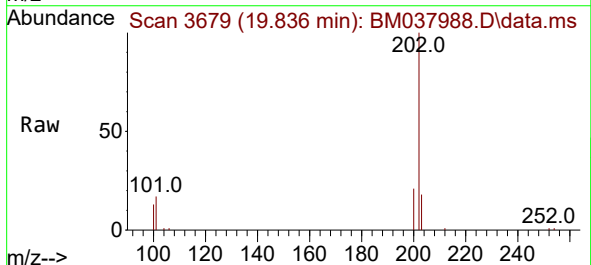
Instrument :
BNA_M
ClientSampleId :
SICV014

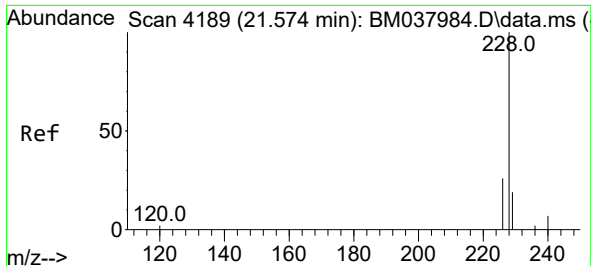
Tgt Ion:202 Resp: 13264
Ion Ratio Lower Upper
202 100
101 14.1 10.9 16.3
100 10.8 8.5 12.7



#20
Pyrene
Concen: 0.357 ng/ul
RT: 19.836 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM037988.D
Acq: 13 Dec 2022 17:44

Tgt Ion:202 Resp: 13606
Ion Ratio Lower Upper
202 100
101 16.7 12.6 19.0
100 13.0 10.6 15.8

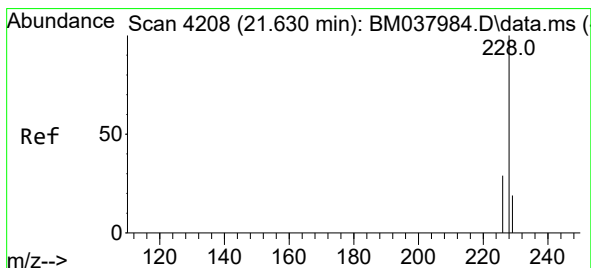
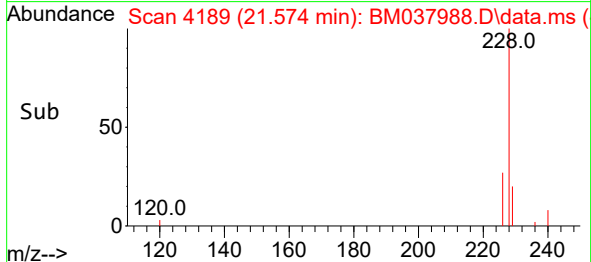
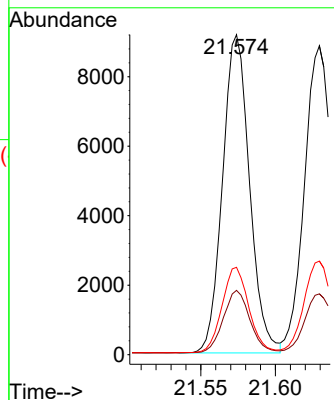
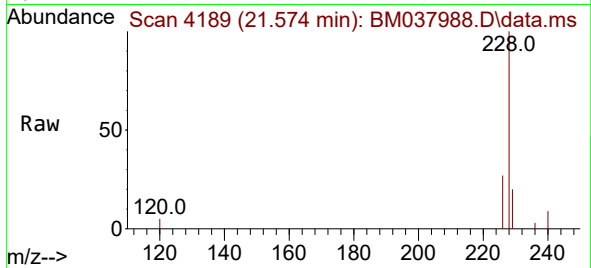




#21
Benzo(a)anthracene
Concen: 0.355 ng/ul
RT: 21.574 min Scan# 4189
Delta R.T. -0.000 min
Lab File: BM037988.D
Acq: 13 Dec 2022 17:44

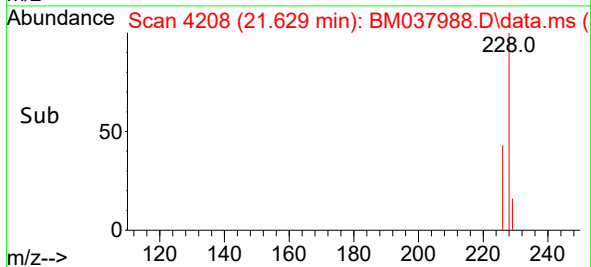
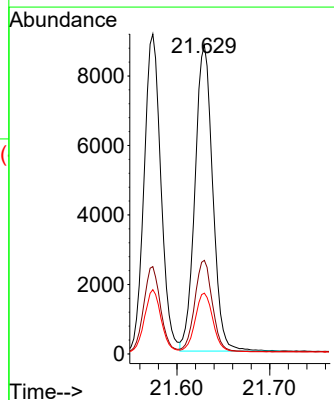
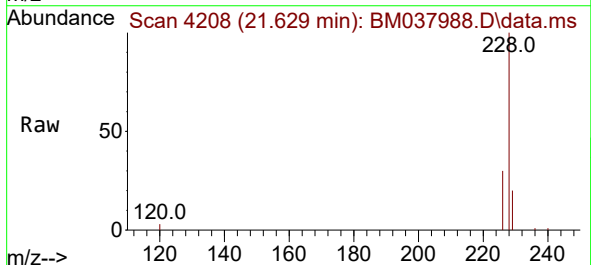
Instrument :
BNA_M
ClientSampleId :
SICV014

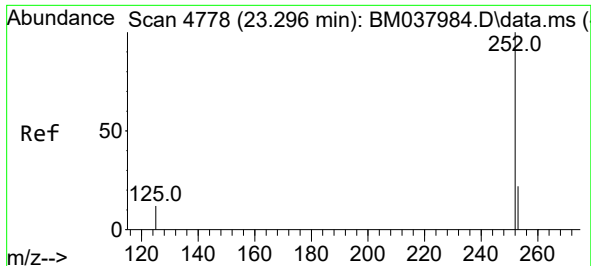
Tgt Ion:228 Resp: 11514
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.6
226 27.3 21.0 31.4



#22
Chrysene
Concen: 0.348 ng/ul
RT: 21.629 min Scan# 4208
Delta R.T. -0.000 min
Lab File: BM037988.D
Acq: 13 Dec 2022 17:44

Tgt Ion:228 Resp: 11727
Ion Ratio Lower Upper
228 100
226 30.3 23.7 35.5
229 19.7 15.8 23.8

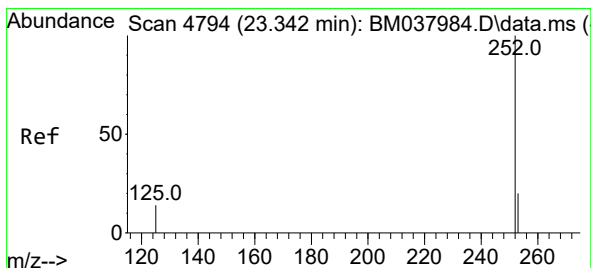
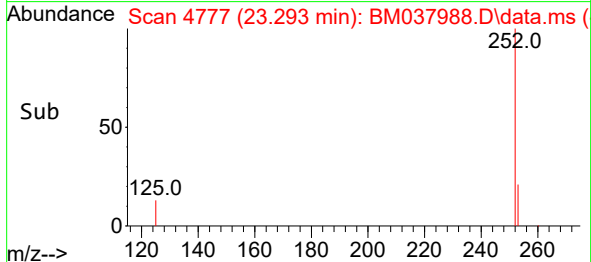
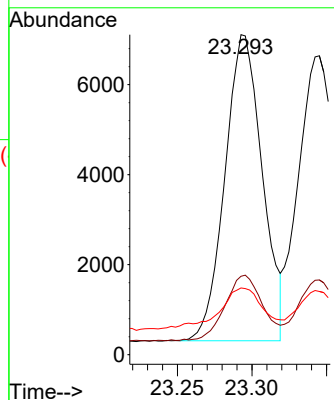
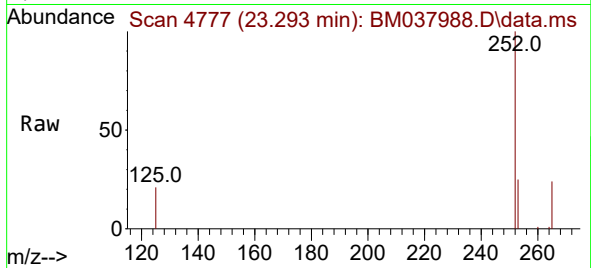




#24
Benzo(b)fluoranthene
Concen: 0.336 ng/ul
RT: 23.293 min Scan# 4777
Delta R.T. -0.003 min
Lab File: BM037988.D
Acq: 13 Dec 2022 17:44

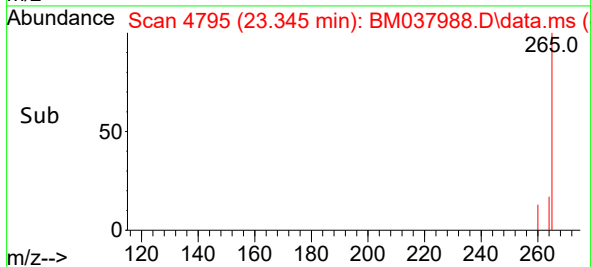
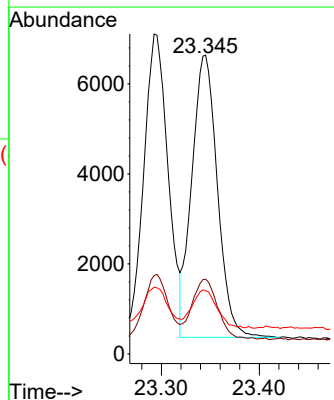
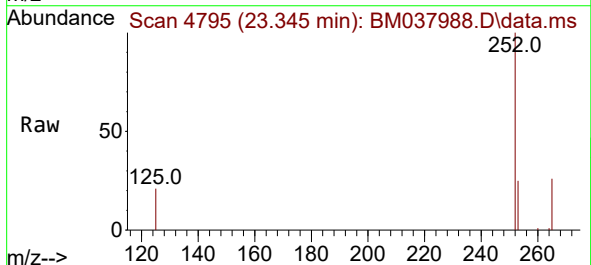
Instrument :
BNA_M
ClientSampleId :
SICV014

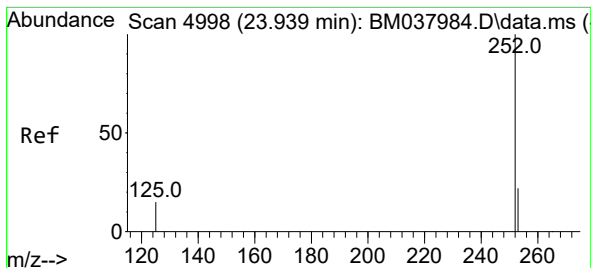
Tgt Ion:252	Resp:	11850
Ion Ratio	Lower	Upper
252	100	
253	24.5	0.0 49.6
125	20.9	0.0 39.6



#25
Benzo(k)fluoranthene
Concen: 0.344 ng/ul
RT: 23.345 min Scan# 4795
Delta R.T. 0.003 min
Lab File: BM037988.D
Acq: 13 Dec 2022 17:44

Tgt Ion:252	Resp:	11387
Ion Ratio	Lower	Upper
252	100	
253	25.0	19.4 29.0
125	21.1	16.7 25.1





#26

Benzo(a)pyrene

Concen: 0.345 ng/ul

RT: 23.936 min Scan# 4997

Delta R.T. -0.003 min

Lab File: BM037988.D

Acq: 13 Dec 2022 17:44

Instrument :

BNA_M

ClientSampleId :

SICV014

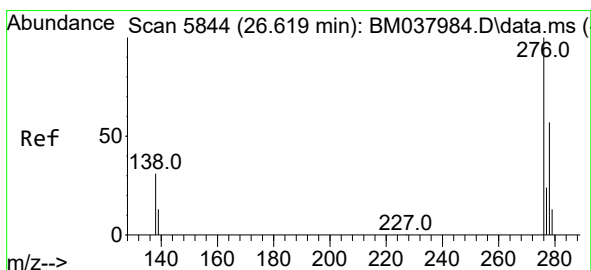
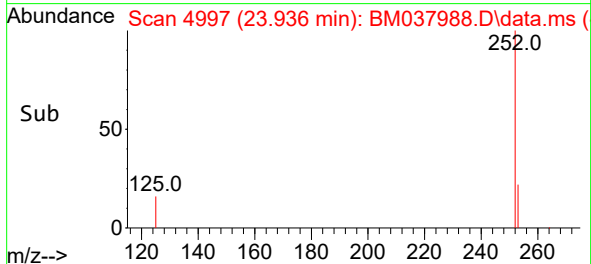
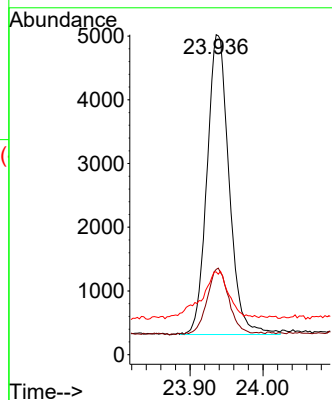
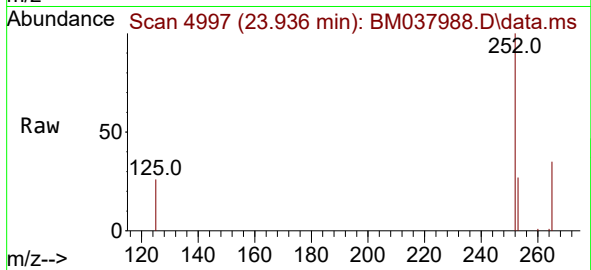
Tgt Ion:252 Resp: 9881

Ion Ratio Lower Upper

252 100

253 26.6 21.7 32.5

125 25.8 20.4 30.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.323 ng/ul

RT: 26.619 min Scan# 5844

Delta R.T. -0.000 min

Lab File: BM037988.D

Acq: 13 Dec 2022 17:44

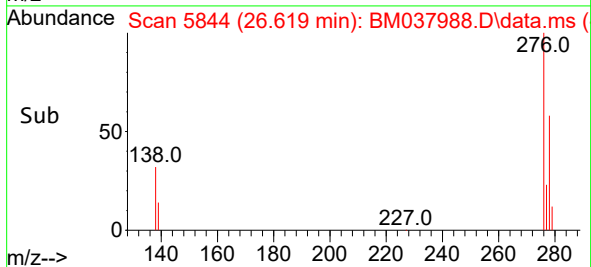
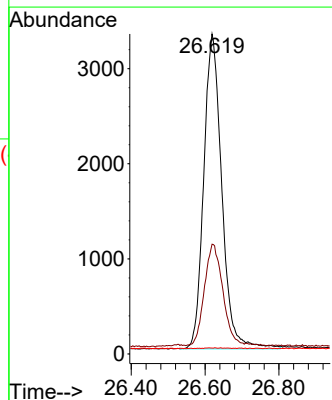
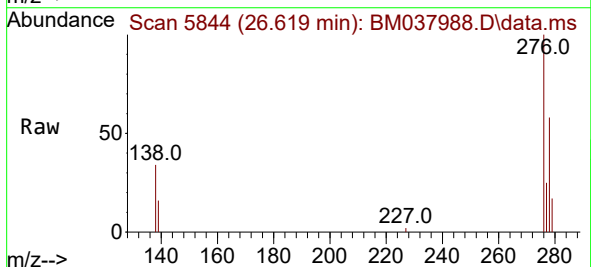
Tgt Ion:276 Resp: 11242

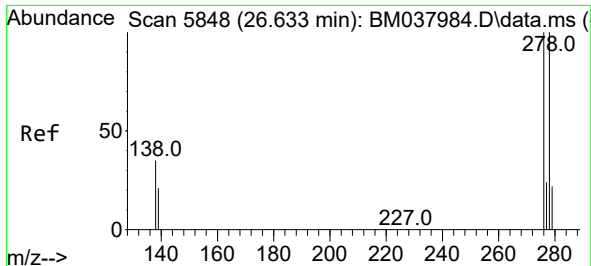
Ion Ratio Lower Upper

276 100

138 33.1 0.0 0.0#

227 0.1 0.1 0.1#

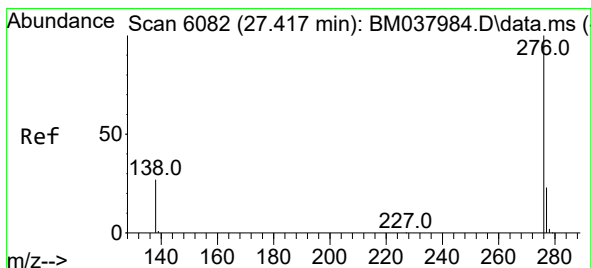
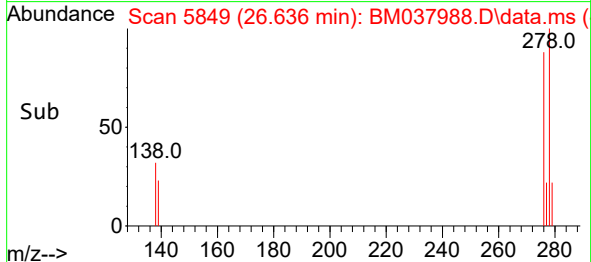
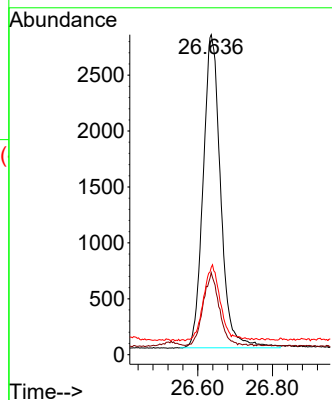
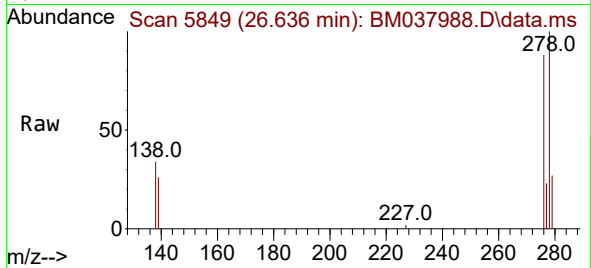




#28
Dibenzo(a,h)anthracene
Concen: 0.340 ng/ul
RT: 26.636 min Scan# 5848
Delta R.T. 0.003 min
Lab File: BM037988.D
Acq: 13 Dec 2022 17:44

Instrument :
BNA_M
ClientSampleId :
SICV014

Tgt Ion:278 Resp: 9108
Ion Ratio Lower Upper
278 100
139 25.6 19.4 29.0
279 27.3 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.341 ng/ul
RT: 27.414 min Scan# 6081
Delta R.T. -0.003 min
Lab File: BM037988.D
Acq: 13 Dec 2022 17:44

Tgt Ion:276 Resp: 9881
Ion Ratio Lower Upper
276 100
138 31.6 23.5 35.3
277 25.3 20.0 30.0

