

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
 Data File : BM037996.D
 Acq On : 14 Dec 2022 14:16
 Operator : CG/JU
 Sample : PB149619BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS619

Quant Time: Dec 14 23:26:23 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

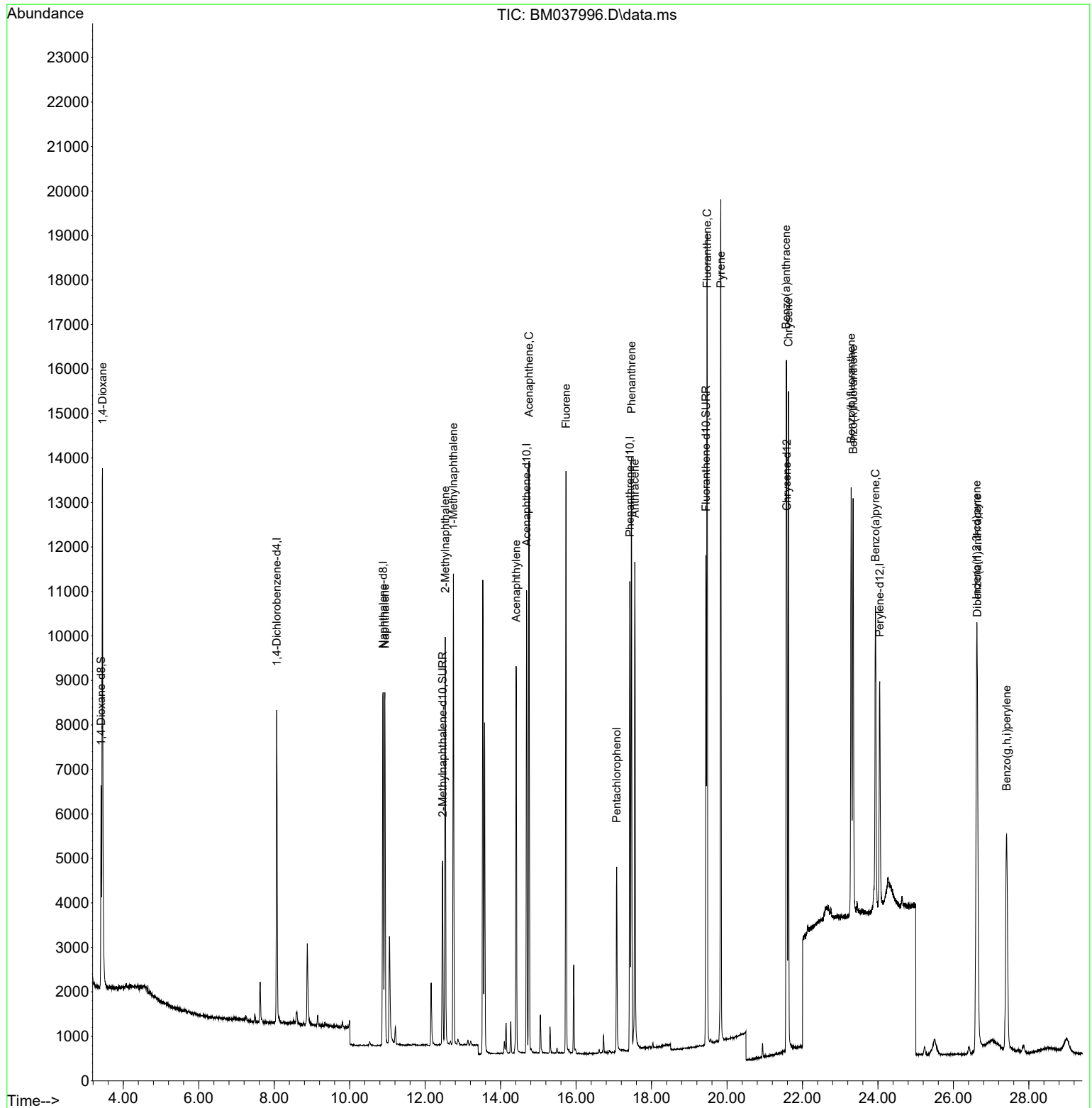
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	3764	0.400	ng/ul	0.00
4) Naphthalene-d8	10.884	136	10492	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	5442	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	11791	0.400	ng/ul	0.00
17) Chrysene-d12	21.588	240	7679	0.400	ng/ul	0.00
23) Perylene-d12	24.047	264	7341	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	3466	0.653	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.462	152	5356	0.360	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	10677	0.408	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	8004	1.524	ng/ul#	68
5) Naphthalene	10.933	128	11026	0.344	ng/ul	100
7) 2-Methylnaphthalene	12.533	142	6616	0.350	ng/ul	98
8) 1-Methylnaphthalene	12.748	142	7126	0.368	ng/ul	100
10) Acenaphthylene	14.412	152	9801	0.317	ng/ul	99
11) Acenaphthene	14.754	153	7435	0.336	ng/ul	95
12) Fluorene	15.735	166	8306	0.327	ng/ul	99
14) Pentachlorophenol	17.075	266	2829	0.564	ng/ul	99
15) Phenanthrene	17.468	178	13444	0.329	ng/ul	99
16) Anthracene	17.557	178	12294	0.329	ng/ul	99
19) Fluoranthene	19.473	202	14913	0.368	ng/ul	100
20) Pyrene	19.836	202	15246	0.370	ng/ul	99
21) Benzo(a)anthracene	21.571	228	12527	0.357	ng/ul	98
22) Chrysene	21.626	228	12854	0.353	ng/ul	99
24) Benzo(b)fluoranthene	23.290	252	12689	0.312	ng/ul	96
25) Benzo(k)fluoranthene	23.342	252	12319	0.322	ng/ul	97
26) Benzo(a)pyrene	23.936	252	10607	0.321	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.616	276	12954	0.322	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.632	278	10110	0.327	ng/ul	97
29) Benzo(g,h,i)perylene	27.407	276	11128	0.333	ng/ul	98

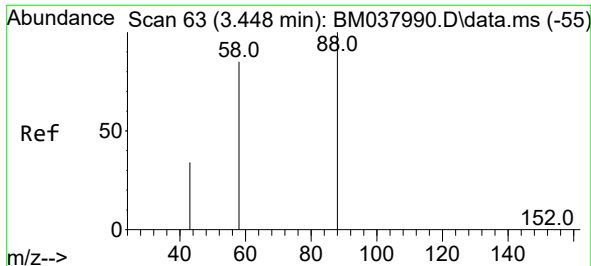
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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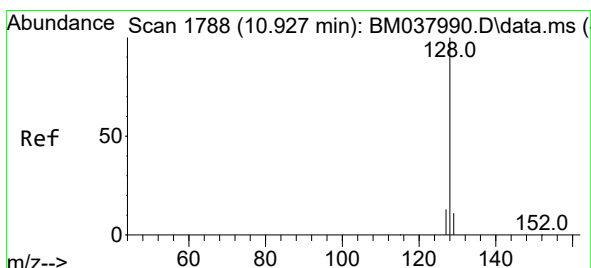
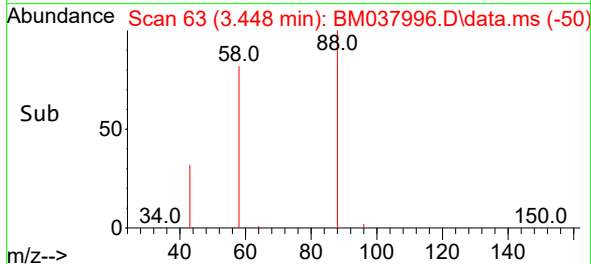
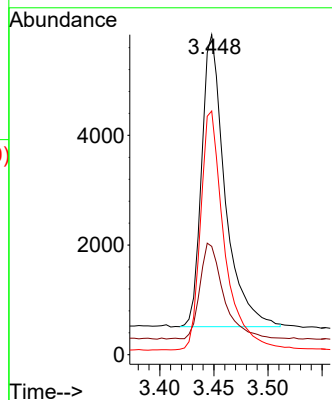
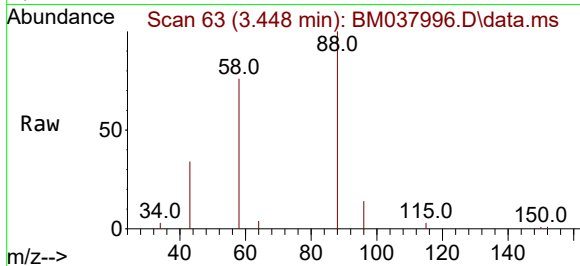




#2
1,4-Dioxane
Concen: 1.524 ng/ul
RT: 3.448 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

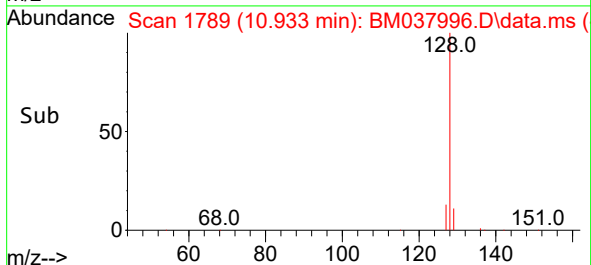
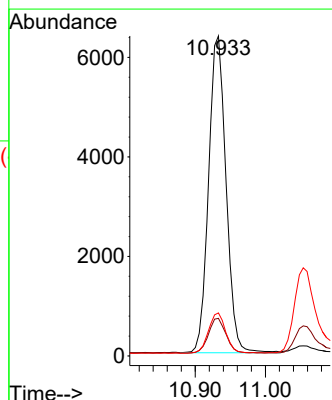
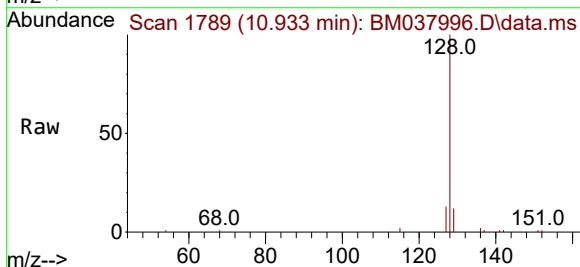
Instrument :
BNA_M
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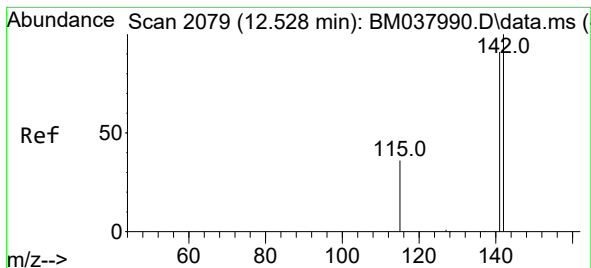
Tgt Ion: 88 Resp: 8004
Ion Ratio Lower Upper
88 100
43 33.9 25.5 38.3
58 76.1 33.8 50.8#



#5
Naphthalene
Concen: 0.344 ng/ul
RT: 10.933 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Tgt Ion:128 Resp: 11026
Ion Ratio Lower Upper
128 100
129 11.8 9.7 14.5
127 13.4 10.8 16.2

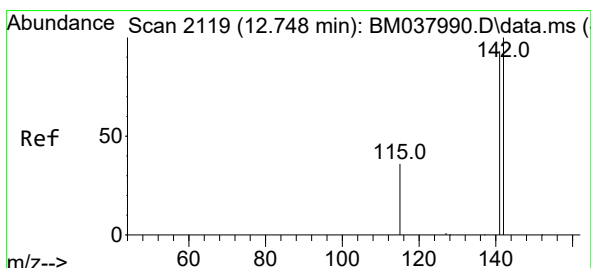
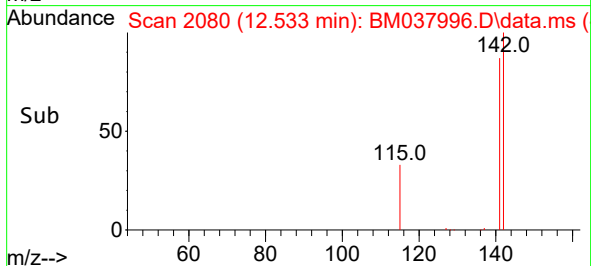
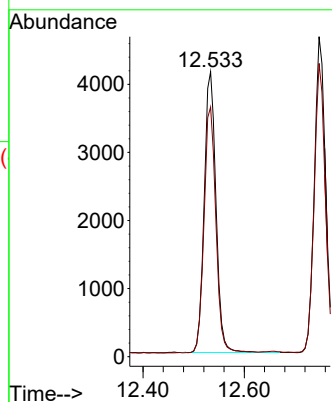
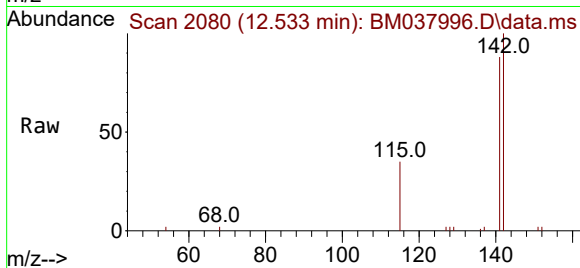




#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.533 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

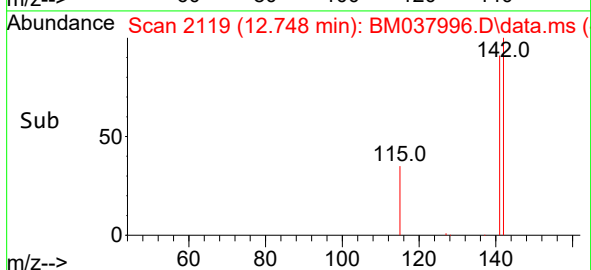
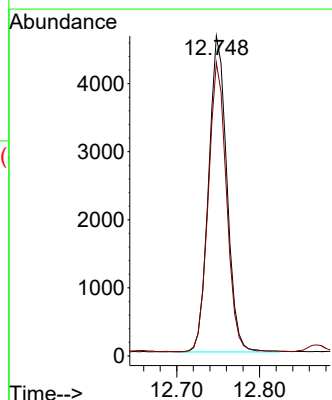
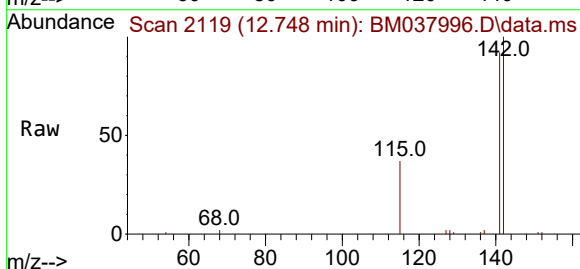
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ClientSampleId :
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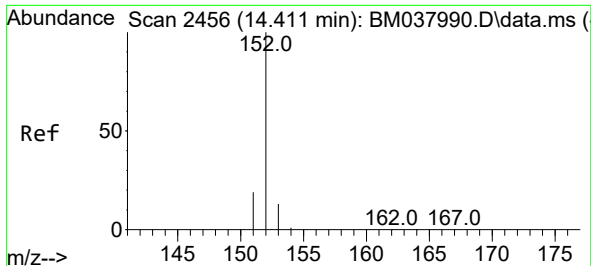
Tgt Ion:142 Resp: 6616
Ion Ratio Lower Upper
142 100
141 88.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Tgt Ion:142 Resp: 7126
Ion Ratio Lower Upper
142 100
141 91.0 73.1 109.7

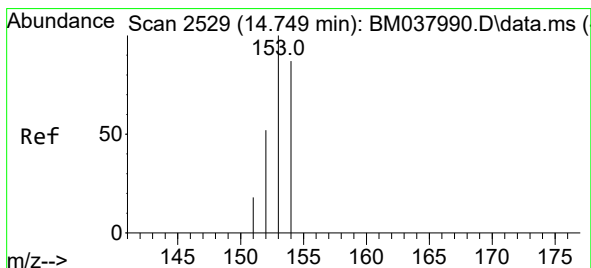
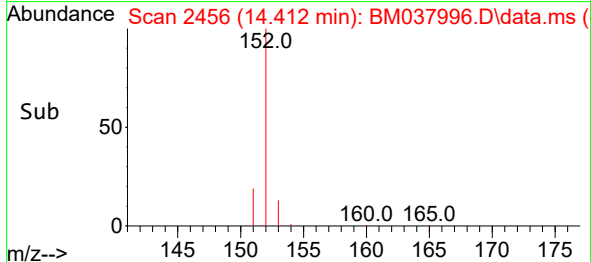
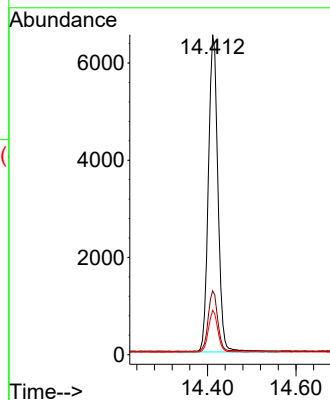
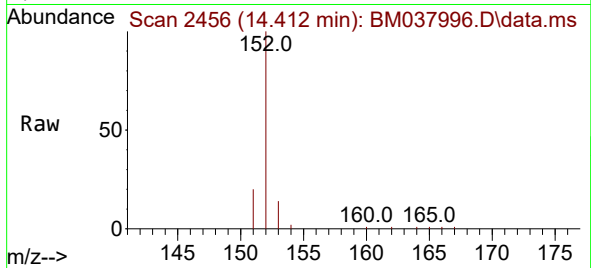




#10
Acenaphthylene
Concen: 0.317 ng/ul
RT: 14.412 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

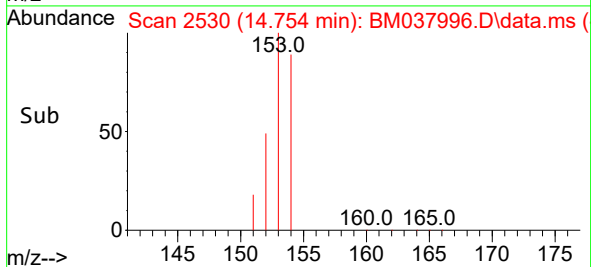
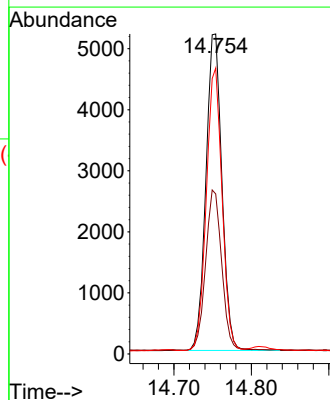
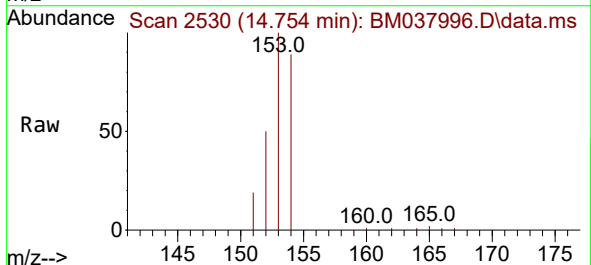
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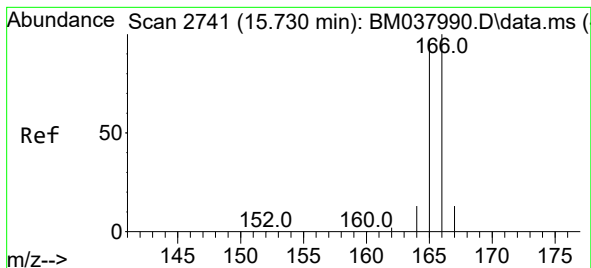
Tgt Ion:152 Resp: 9801
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.9 10.7 16.1



#11
Acenaphthene
Concen: 0.336 ng/ul
RT: 14.754 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Tgt Ion:153 Resp: 7435
Ion Ratio Lower Upper
153 100
152 50.0 47.1 70.7
154 89.3 70.7 106.1





#12

Fluorene

Concen: 0.327 ng/ul

RT: 15.735 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM037996.D

Acq: 14 Dec 2022 14:16

Instrument :

BNA_M

ClientSampleId :

SLCS619

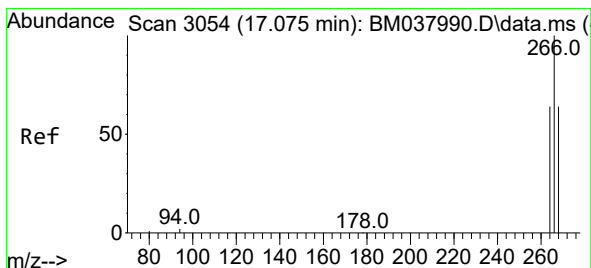
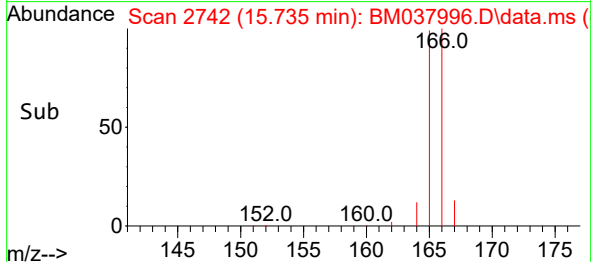
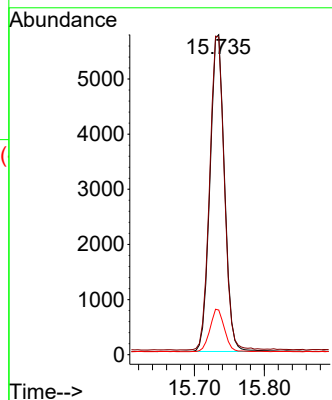
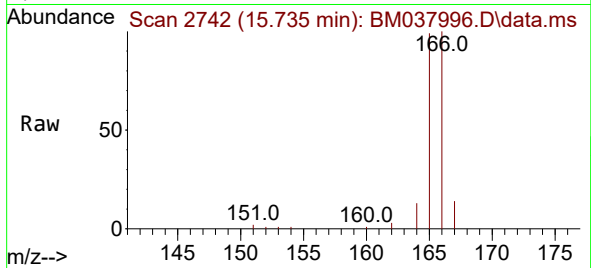
Tgt Ion:166 Resp: 8306

Ion Ratio Lower Upper

166 100

165 99.2 79.8 119.6

167 14.0 11.7 17.5



#14

Pentachlorophenol

Concen: 0.564 ng/ul

RT: 17.075 min Scan# 3054

Delta R.T. -0.004 min

Lab File: BM037996.D

Acq: 14 Dec 2022 14:16

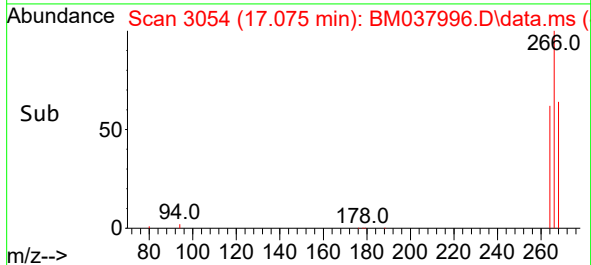
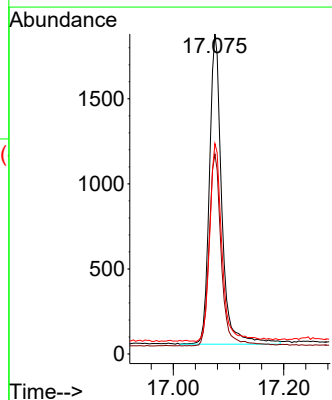
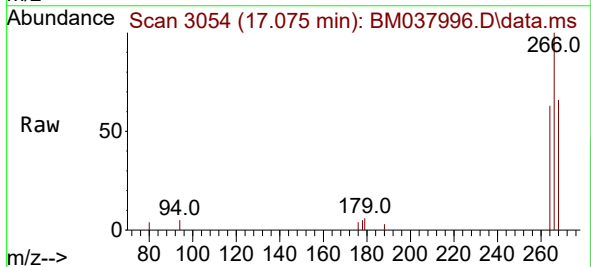
Tgt Ion:266 Resp: 2829

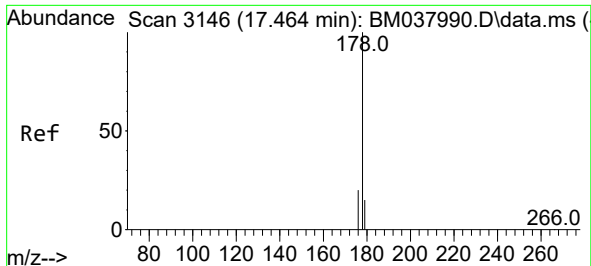
Ion Ratio Lower Upper

266 100

264 61.6 50.9 76.3

268 63.0 50.4 75.6

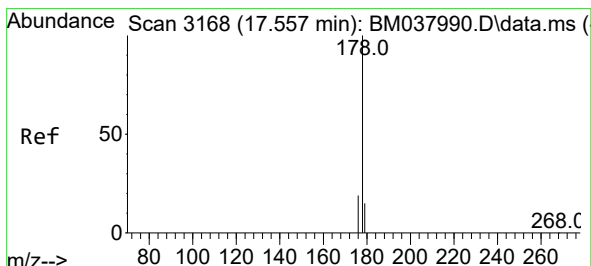
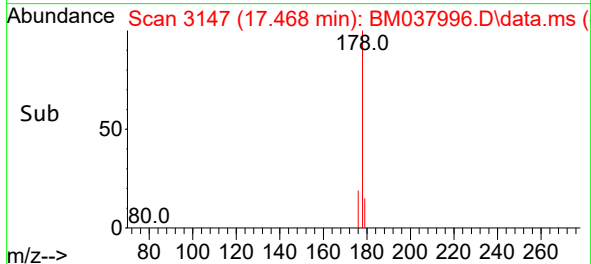
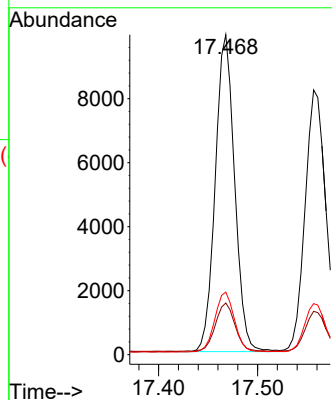
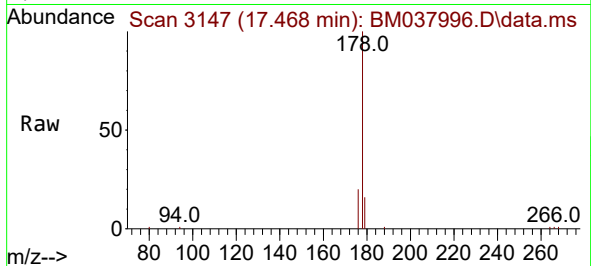




#15
Phenanthrene
Concen: 0.329 ng/ul
RT: 17.468 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

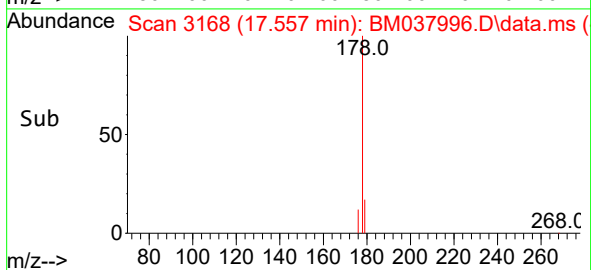
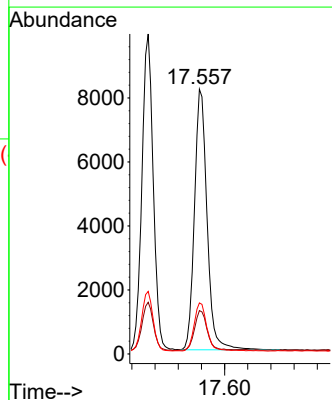
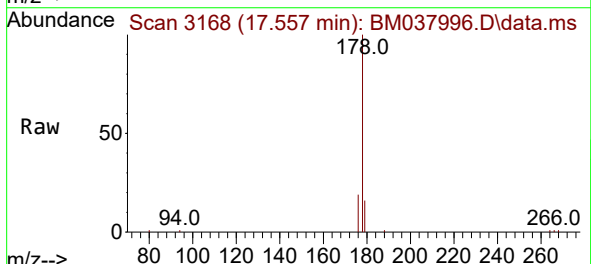
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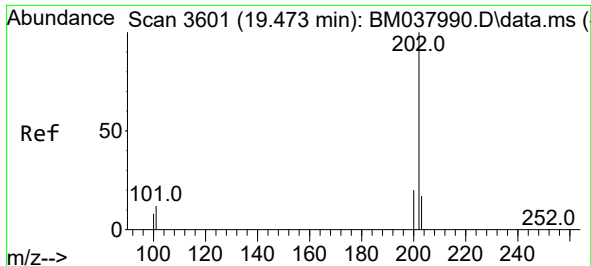
Tgt Ion:178 Resp: 13444
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 19.5 16.2 24.2



#16
Anthracene
Concen: 0.329 ng/ul
RT: 17.557 min Scan# 3168
Delta R.T. -0.004 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Tgt Ion:178 Resp: 12294
Ion Ratio Lower Upper
178 100
179 16.4 13.4 20.0
176 19.3 15.8 23.6

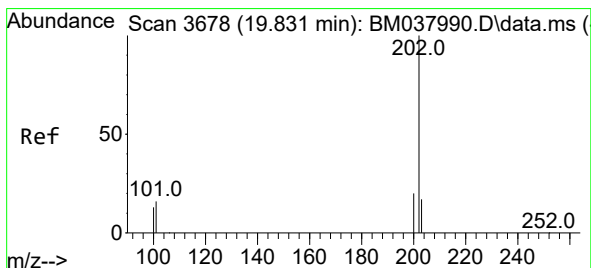
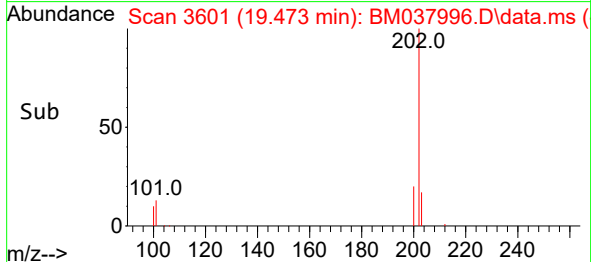
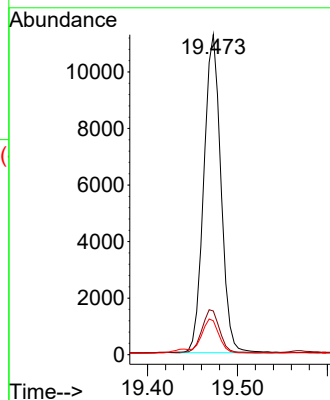
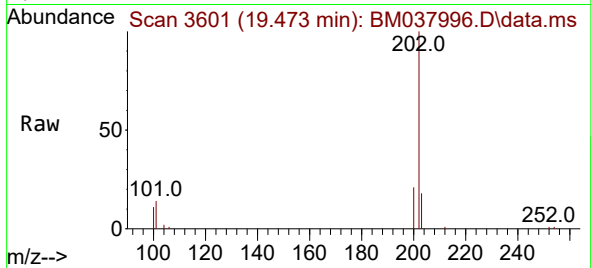




#19
Fluoranthene
Concen: 0.368 ng/ul
RT: 19.473 min Scan# 3601
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

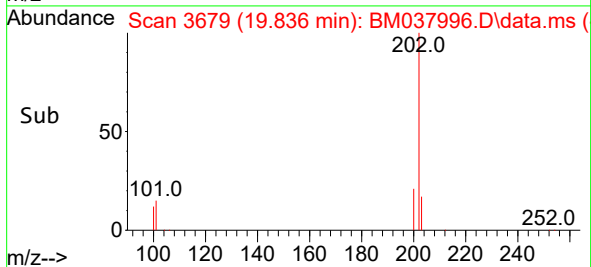
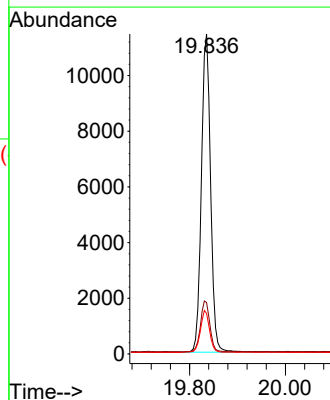
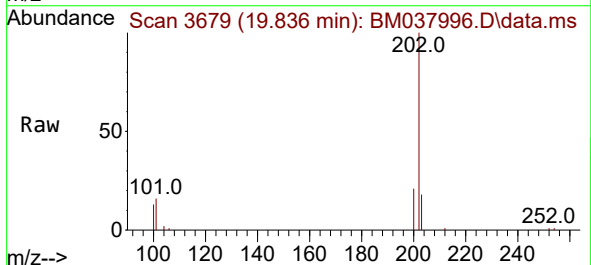
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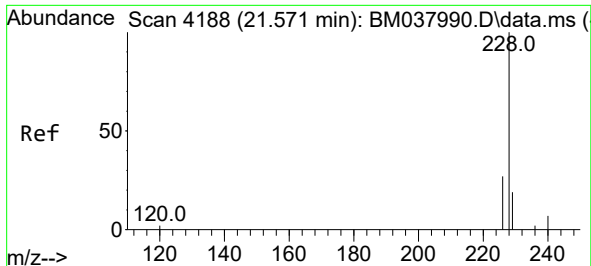
Tgt Ion:202 Resp: 14913
Ion Ratio Lower Upper
202 100
101 13.6 10.9 16.3
100 10.6 8.5 12.7



#20
Pyrene
Concen: 0.370 ng/ul
RT: 19.836 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Tgt Ion:202 Resp: 15246
Ion Ratio Lower Upper
202 100
101 16.0 12.6 19.0
100 12.6 10.6 15.8

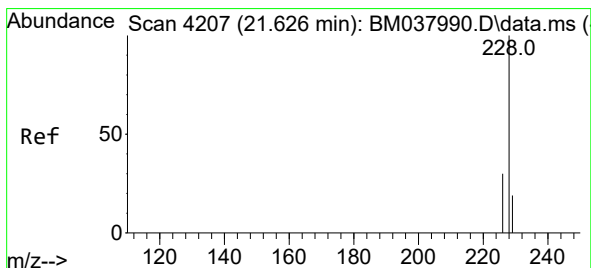
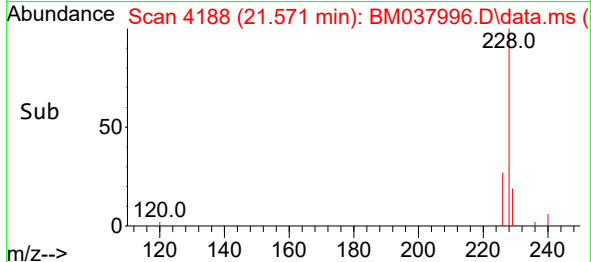
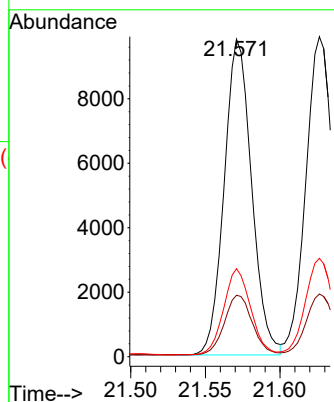
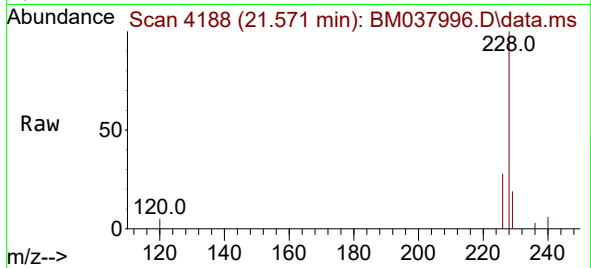




#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.003 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

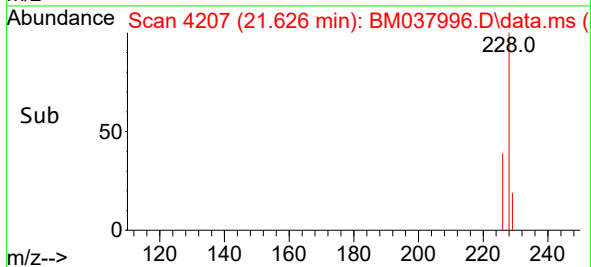
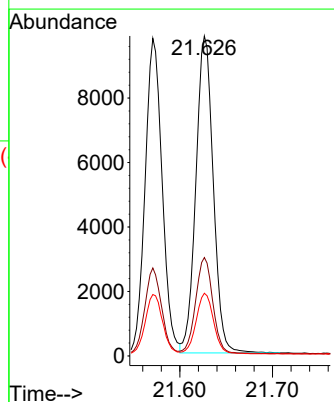
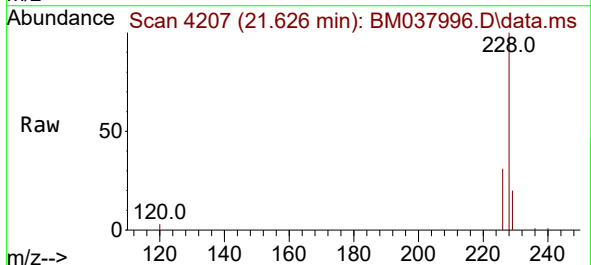
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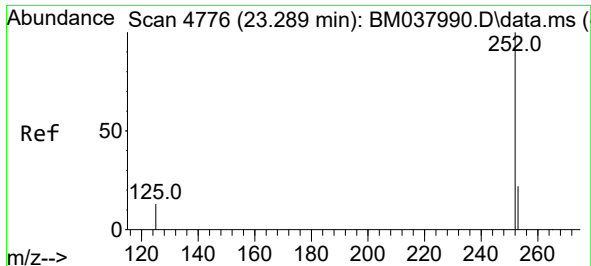
Tgt Ion:228 Resp: 12527
Ion Ratio Lower Upper
228 100
229 19.3 15.8 23.6
226 27.7 21.0 31.4



#22
Chrysene
Concen: 0.353 ng/ul
RT: 21.626 min Scan# 4207
Delta R.T. -0.003 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Tgt Ion:228 Resp: 12854
Ion Ratio Lower Upper
228 100
226 30.8 23.7 35.5
229 19.6 15.8 23.8

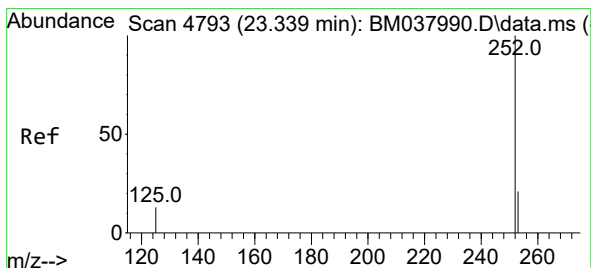
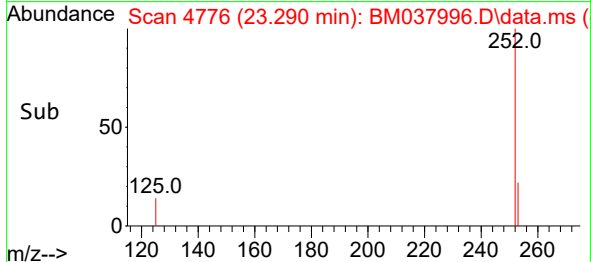
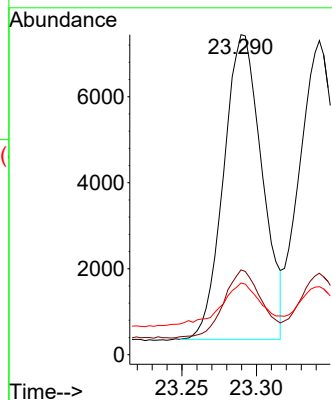
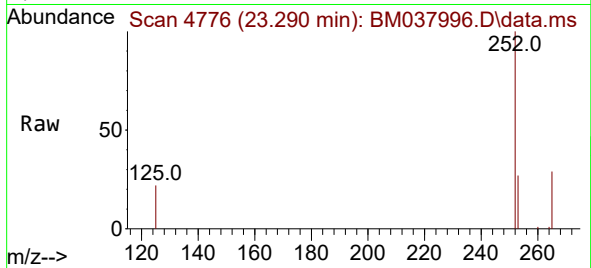




#24
Benzo(b)fluoranthene
Concen: 0.312 ng/ul
RT: 23.290 min Scan# 4776
Delta R.T. -0.006 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

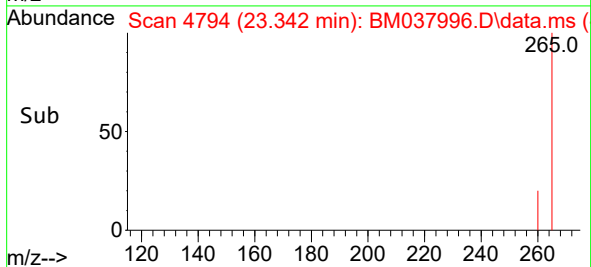
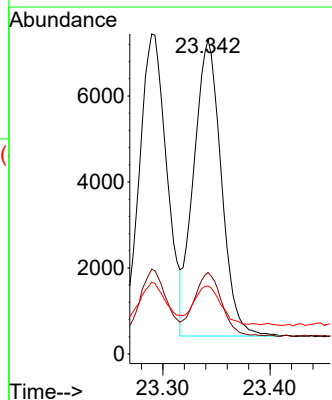
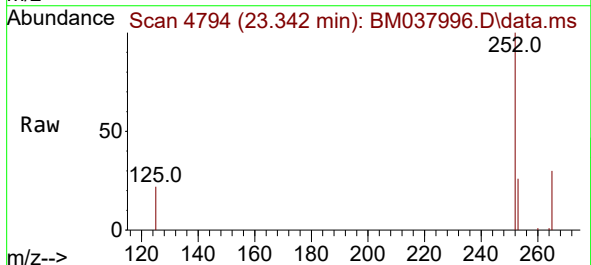
Instrument :
BNA_M
ClientSampleId :
SLCS619

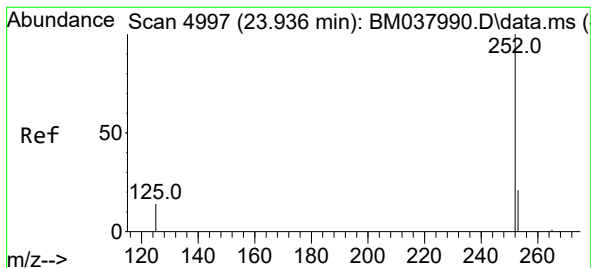
Tgt Ion:252 Resp: 12689
Ion Ratio Lower Upper
252 100
253 26.5 0.0 49.6
125 22.4 0.0 39.6



#25
Benzo(k)fluoranthene
Concen: 0.322 ng/ul
RT: 23.342 min Scan# 4794
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Tgt Ion:252 Resp: 12319
Ion Ratio Lower Upper
252 100
253 26.0 19.4 29.0
125 21.6 16.7 25.1





#26

Benzo(a)pyrene

Concen: 0.321 ng/ul

RT: 23.936 min Scan# 4997

Delta R.T. -0.003 min

Lab File: BM037996.D

Acq: 14 Dec 2022 14:16

Instrument :

BNA_M

ClientSampleId :

SLCS619

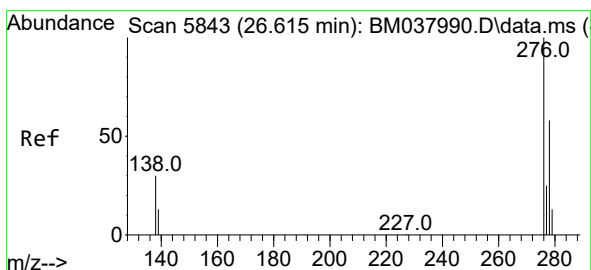
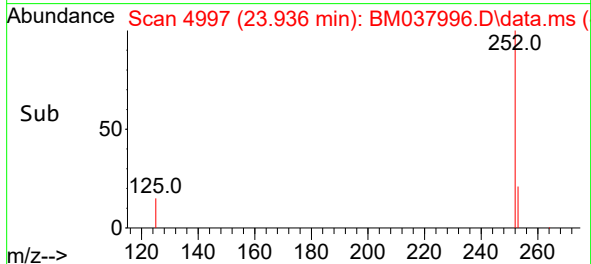
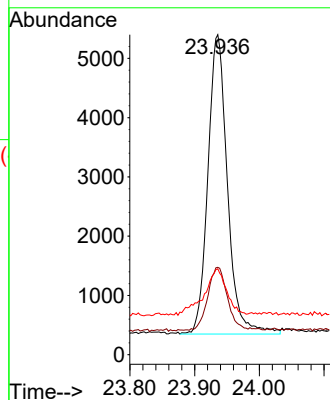
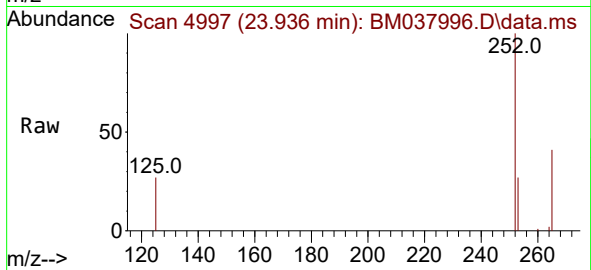
Tgt Ion:252 Resp: 10607

Ion Ratio Lower Upper

252 100

253 27.3 21.7 32.5

125 26.9 20.4 30.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.322 ng/ul

RT: 26.616 min Scan# 5843

Delta R.T. -0.004 min

Lab File: BM037996.D

Acq: 14 Dec 2022 14:16

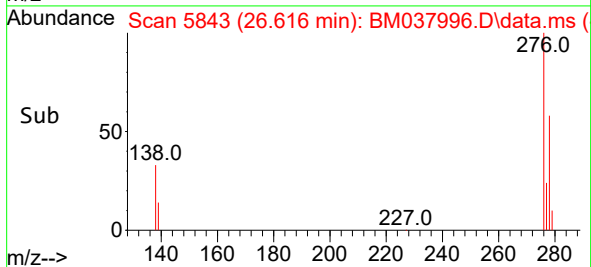
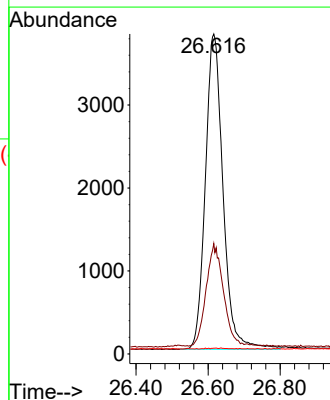
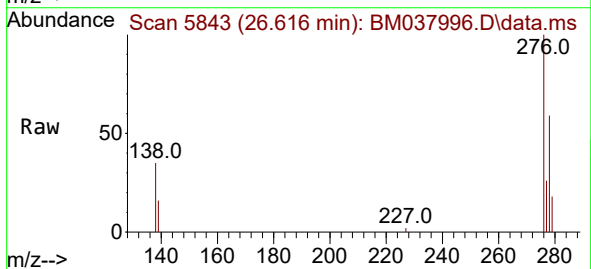
Tgt Ion:276 Resp: 12954

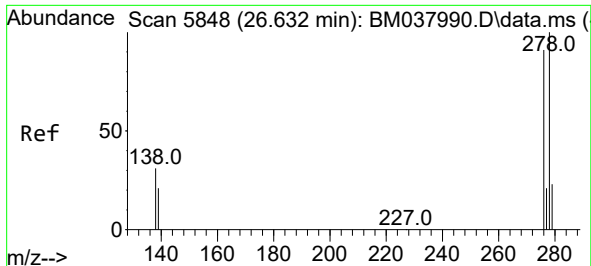
Ion Ratio Lower Upper

276 100

138 32.5 0.0 0.0#

227 0.1 0.1 0.1

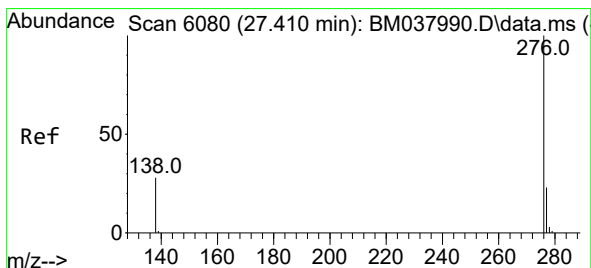
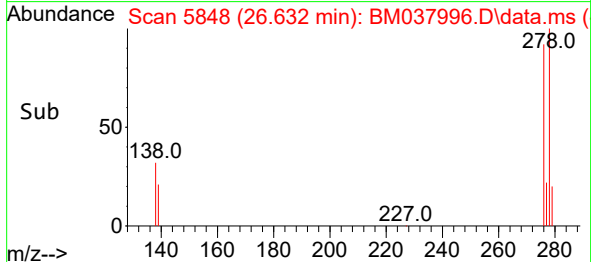
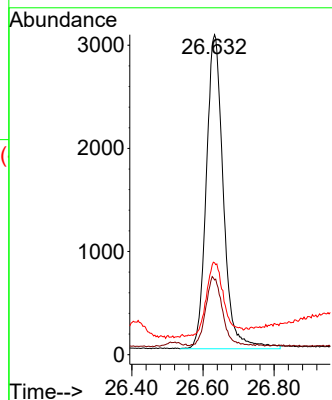
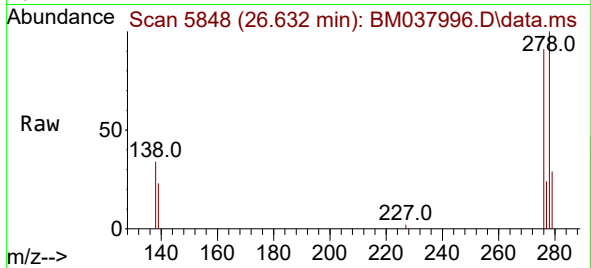




#28
Dibenzo(a,h)anthracene
Concen: 0.327 ng/ul
RT: 26.632 min Scan# 5848
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Instrument :
BNA_M
ClientSampleId :
SLCS619

Tgt Ion:278 Resp: 10110
Ion Ratio Lower Upper
278 100
139 23.4 19.4 29.0
279 28.7 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.333 ng/ul
RT: 27.407 min Scan# 6079
Delta R.T. -0.010 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Tgt Ion:276 Resp: 11128
Ion Ratio Lower Upper
276 100
138 31.1 23.5 35.3
277 24.9 20.0 30.0

