

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121322\
 Data File : BM037982.D
 Acq On : 13 Dec 2022 13:19
 Operator : CG/JU
 Sample : SST0.197
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1008

Quant Time: Dec 14 01:16:21 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 01:15:09 2022
 Response via : Initial Calibration

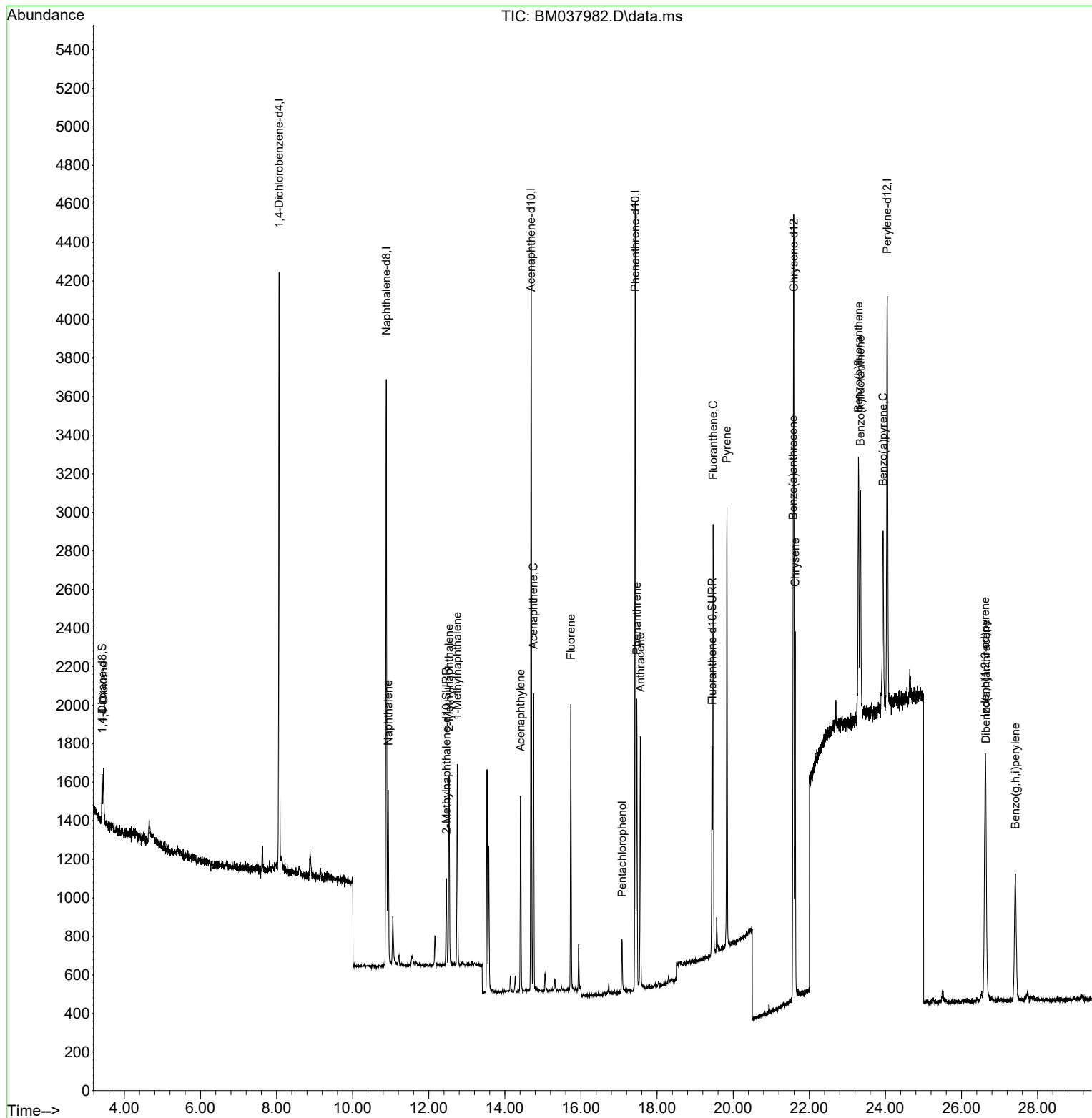
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	1568	0.400	ng/ul	0.00
4) Naphthalene-d8	10.884	136	4050	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	1970	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	4487	0.400	ng/ul	0.00
17) Chrysene-d12	21.591	240	3230	0.400	ng/ul	0.00
23) Perylene-d12	24.047	264	2980	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.419	96	203	0.097	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.462	152	550	0.094	ng/ul	0.00
18) Fluoranthene-d10	19.445	212	1106	0.101	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	324	0.149	ng/ul#	78
5) Naphthalene	10.933	128	1213	0.096	ng/ul#	88
7) 2-Methylnaphthalene	12.533	142	706	0.092	ng/ul	99
8) 1-Methylnaphthalene	12.748	142	708	0.090	ng/ul	97
10) Acenaphthylene	14.412	152	1158	0.117	ng/ul#	89
11) Acenaphthene	14.754	153	801	0.098	ng/ul	95
12) Fluorene	15.735	166	925	0.102	ng/ul#	96
14) Pentachlorophenol	17.080	266	212	0.144	ng/ul	96
15) Phenanthrene	17.468	178	1576	0.097	ng/ul#	91
16) Anthracene	17.561	178	1372	0.095	ng/ul#	91
19) Fluoranthene	19.473	202	1837	0.103	ng/ul	95
20) Pyrene	19.836	202	1860	0.099	ng/ul	95
21) Benzo(a)anthracene	21.574	228	1566	0.100	ng/ul	95
22) Chrysene	21.629	228	1630	0.103	ng/ul	93
24) Benzo(b)fluoranthene	23.293	252	1781	0.114	ng/ul	75
25) Benzo(k)fluoranthene	23.345	252	1632	0.108	ng/ul#	75
26) Benzo(a)pyrene	23.939	252	1435	0.108	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.622	276	1706	0.098	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.639	278	1324	0.097	ng/ul#	79
29) Benzo(g,h,i)perylene	27.417	276	1422	0.097	ng/ul#	84

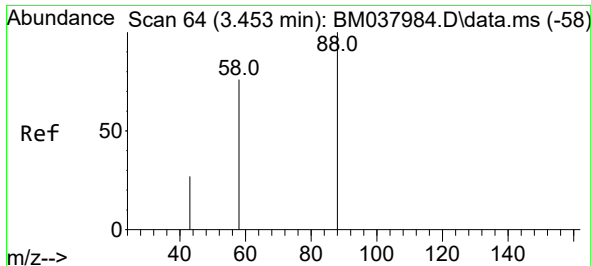
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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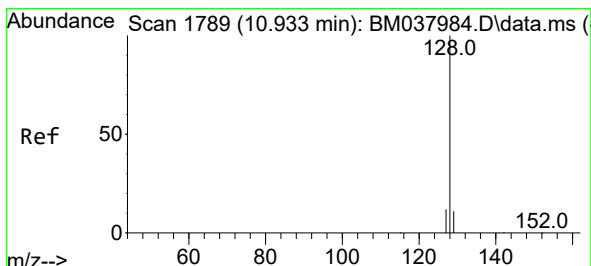
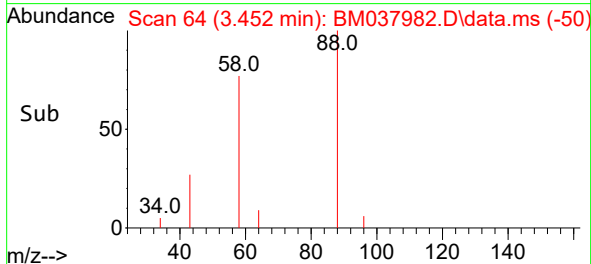
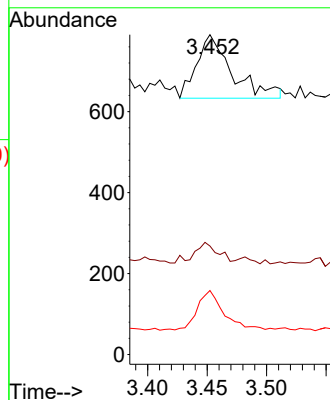
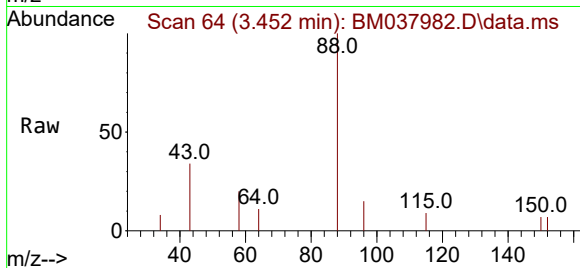




#2
1,4-Dioxane
Concen: 0.149 ng/ul
RT: 3.452 min Scan# 64
Delta R.T. -0.000 min
Lab File: BM037982.D
Acq: 13 Dec 2022 13:19

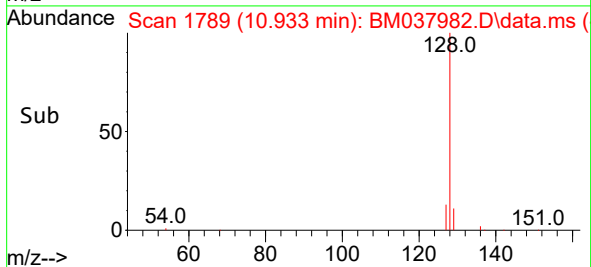
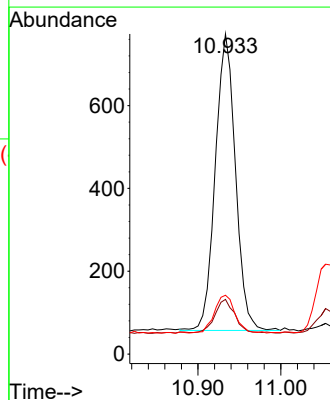
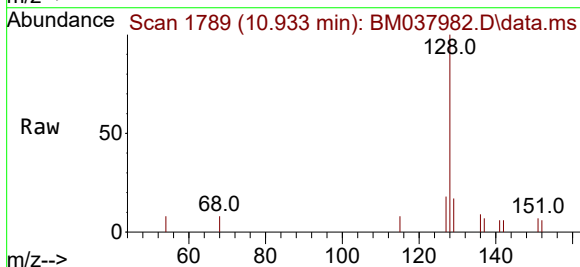
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ClientSampleId :
SSTD0.1008

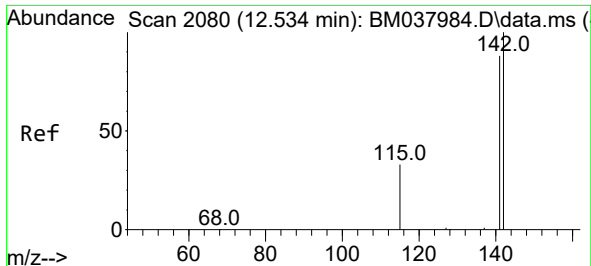
Tgt Ion: 88 Resp: 324
Ion Ratio Lower Upper
88 100
43 33.9 25.5 38.3
58 20.0 33.8 50.8#



#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.933 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM037982.D
Acq: 13 Dec 2022 13:19

Tgt Ion: 128 Resp: 1213
Ion Ratio Lower Upper
128 100
129 17.1 9.7 14.5#
127 18.4 10.8 16.2#

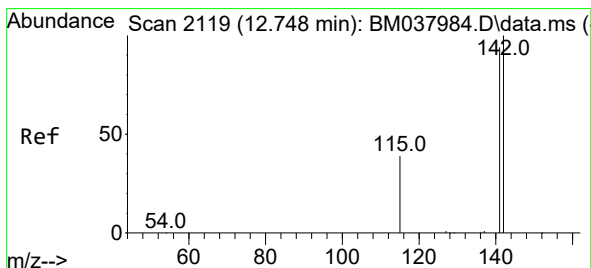
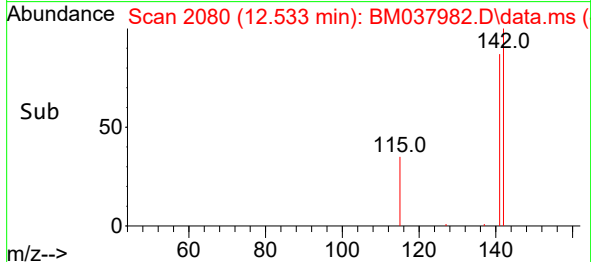
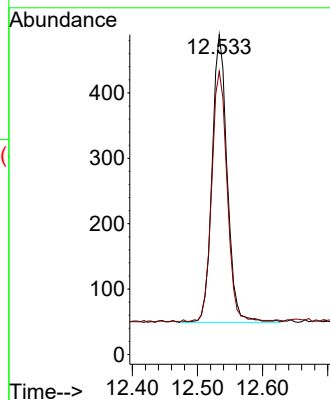
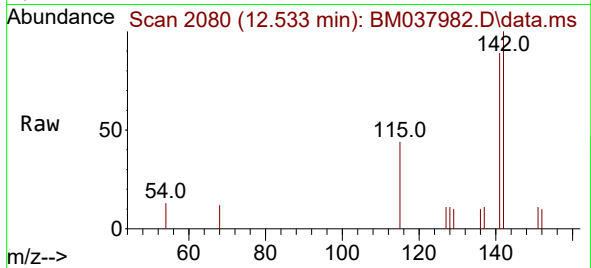




#7
2-Methylnaphthalene
Concen: 0.092 ng/ul
RT: 12.533 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BM037982.D
Acq: 13 Dec 2022 13:19

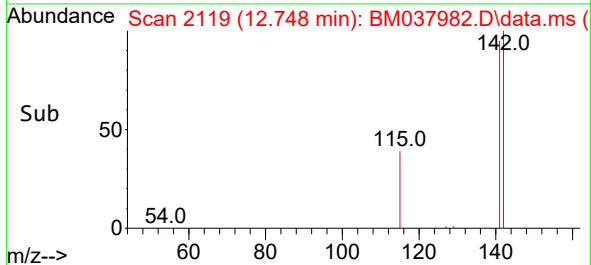
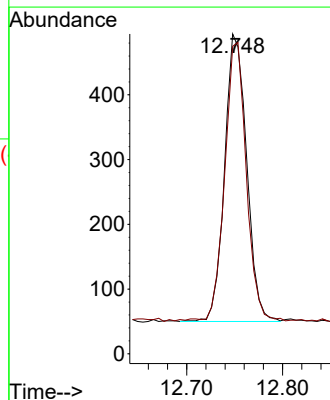
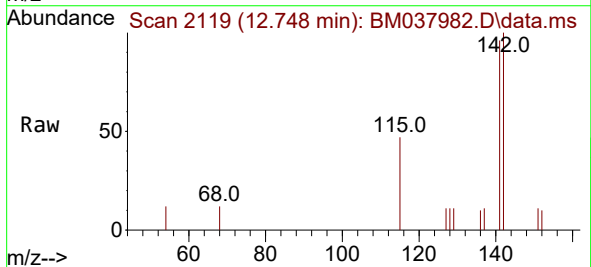
Instrument :
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ClientSampleId :
SSTD0.1008

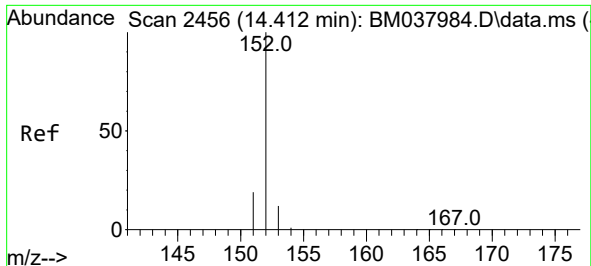
Tgt Ion:142 Resp: 706
Ion Ratio Lower Upper
142 100
141 89.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM037982.D
Acq: 13 Dec 2022 13:19

Tgt Ion:142 Resp: 708
Ion Ratio Lower Upper
142 100
141 94.6 73.1 109.7

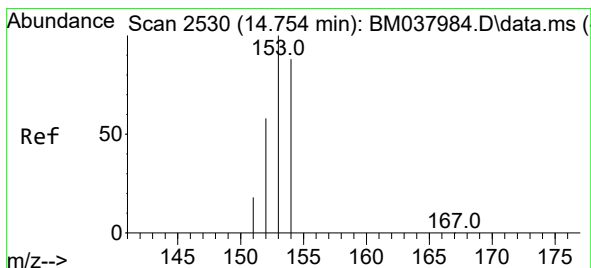
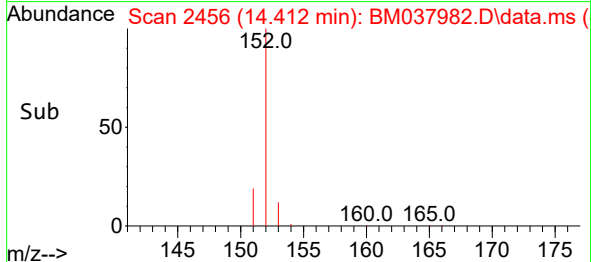
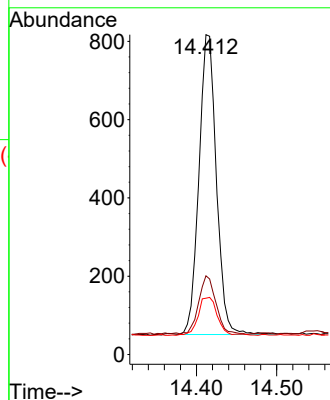
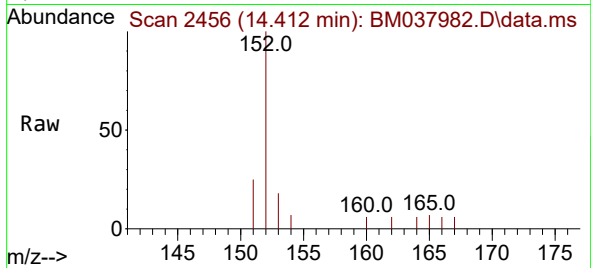




#10
Acenaphthylene
Concen: 0.117 ng/ul
RT: 14.412 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BM037982.D
Acq: 13 Dec 2022 13:19

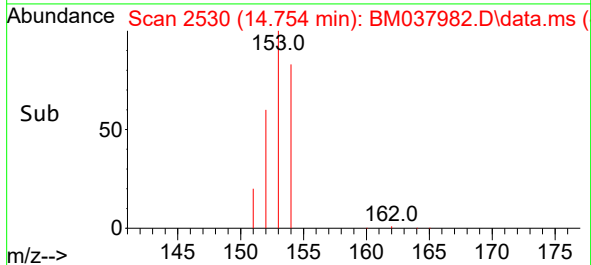
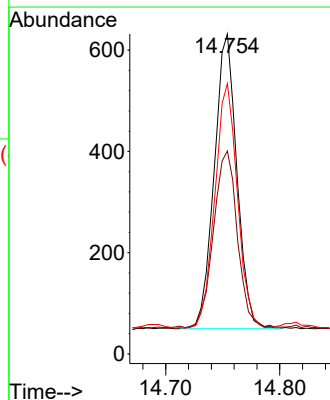
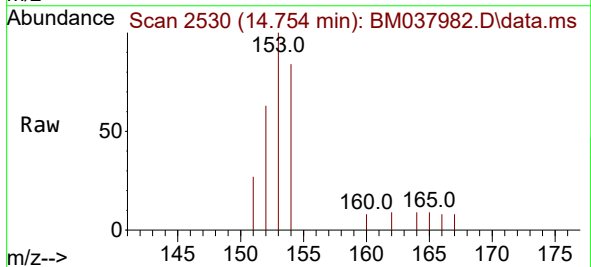
Instrument :
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ClientSampleId :
SSTD0.1008

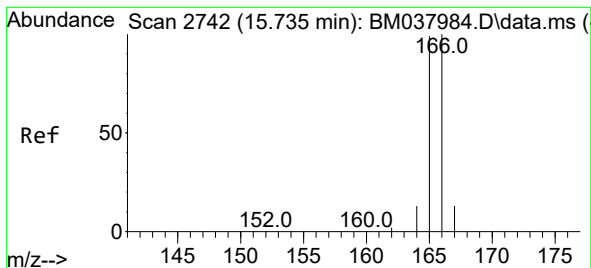
Tgt Ion:152 Resp: 1158
Ion Ratio Lower Upper
152 100
151 24.6 15.8 23.8#
153 17.6 10.7 16.1#



#11
Acenaphthene
Concen: 0.098 ng/ul
RT: 14.754 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BM037982.D
Acq: 13 Dec 2022 13:19

Tgt Ion:153 Resp: 801
Ion Ratio Lower Upper
153 100
152 63.4 47.1 70.7
154 84.5 70.7 106.1





#12

Fluorene

Concen: 0.102 ng/ul

RT: 15.735 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM037982.D

Acq: 13 Dec 2022 13:19

Instrument :

BNA_M

ClientSampleId :

SSTD0.1008

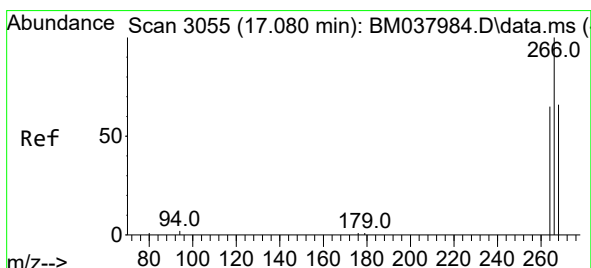
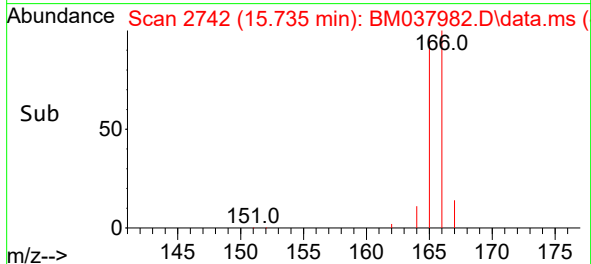
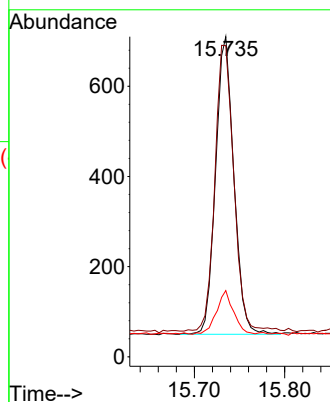
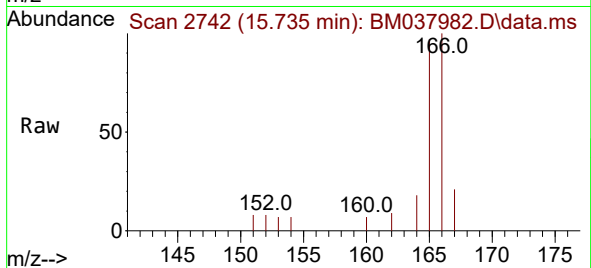
Tgt Ion:166 Resp: 925

Ion Ratio Lower Upper

166 100

165 97.2 79.8 119.6

167 20.7 11.7 17.5#



#14

Pentachlorophenol

Concen: 0.144 ng/ul

RT: 17.080 min Scan# 3055

Delta R.T. -0.000 min

Lab File: BM037982.D

Acq: 13 Dec 2022 13:19

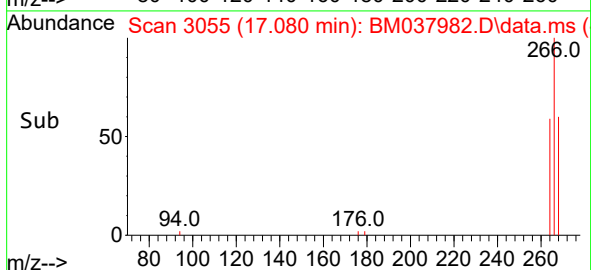
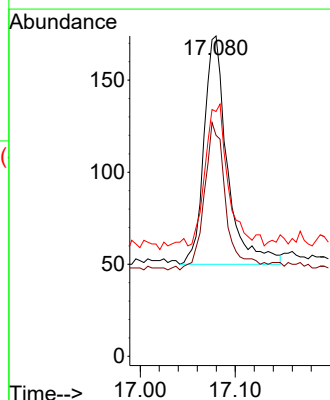
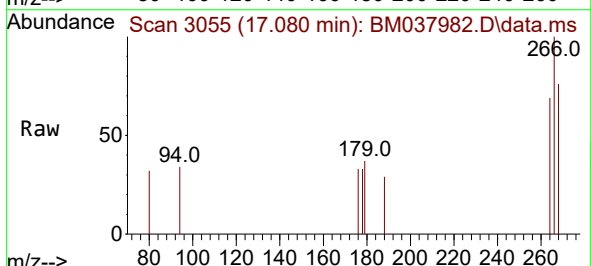
Tgt Ion:266 Resp: 212

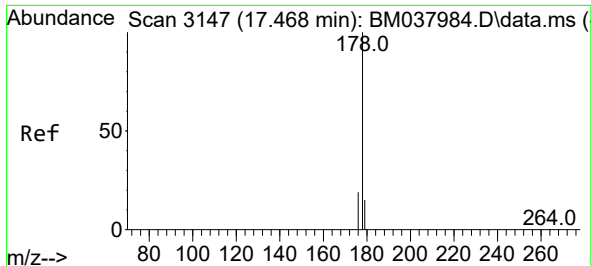
Ion Ratio Lower Upper

266 100

264 59.4 50.9 76.3

268 60.4 50.4 75.6

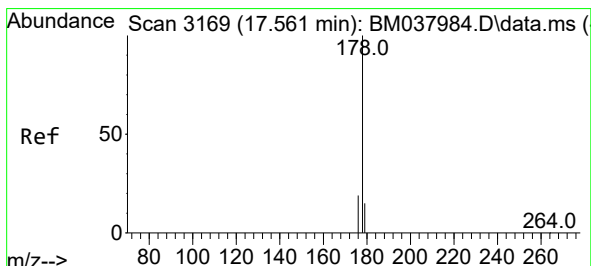
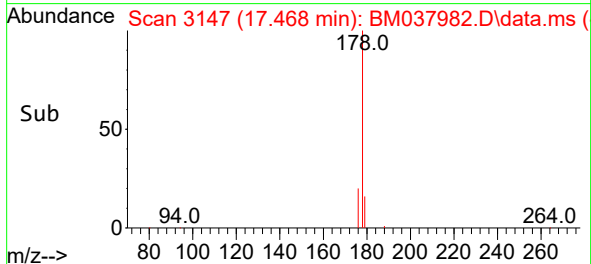
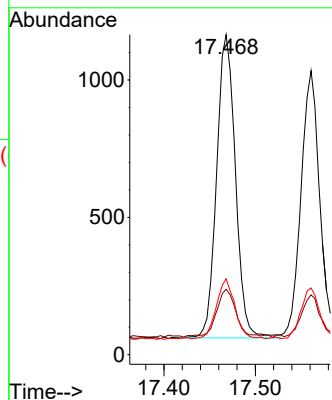
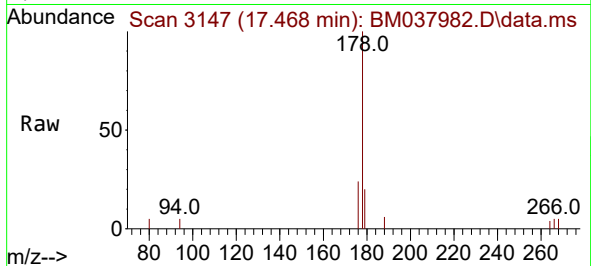




#15
Phenanthrene
Concen: 0.097 ng/ul
RT: 17.468 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BM037982.D
Acq: 13 Dec 2022 13:19

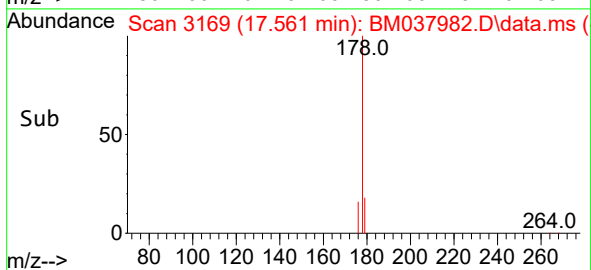
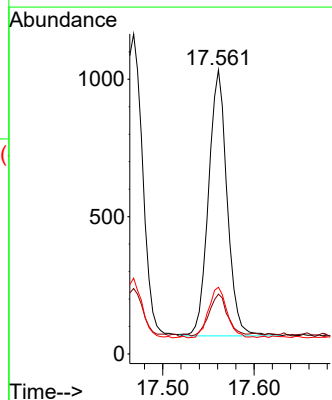
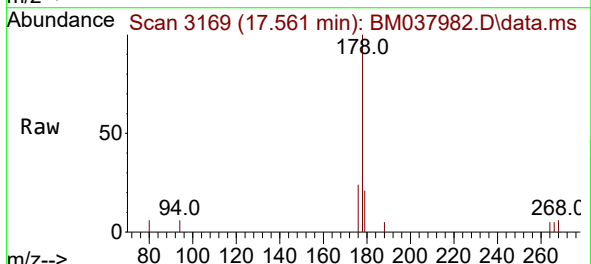
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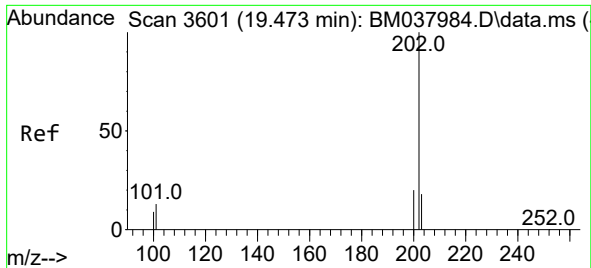
Tgt Ion:178 Resp: 1576
Ion Ratio Lower Upper
178 100
179 20.4 12.7 19.1#
176 23.7 16.2 24.2



#16
Anthracene
Concen: 0.095 ng/ul
RT: 17.561 min Scan# 3169
Delta R.T. -0.000 min
Lab File: BM037982.D
Acq: 13 Dec 2022 13:19

Tgt Ion:178 Resp: 1372
Ion Ratio Lower Upper
178 100
179 21.1 13.4 20.0#
176 23.5 15.8 23.6

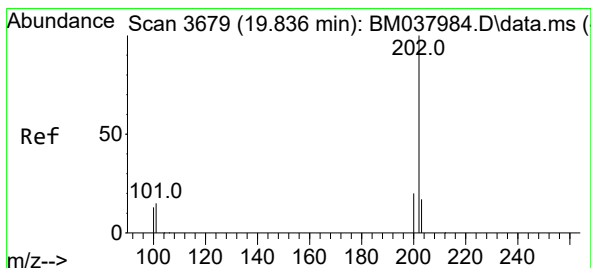
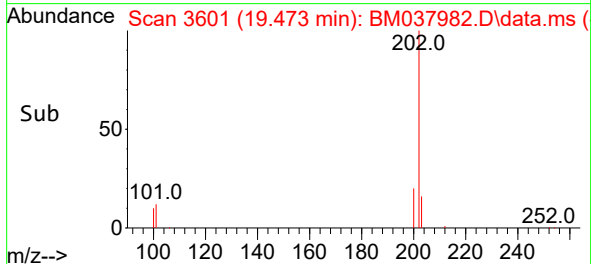
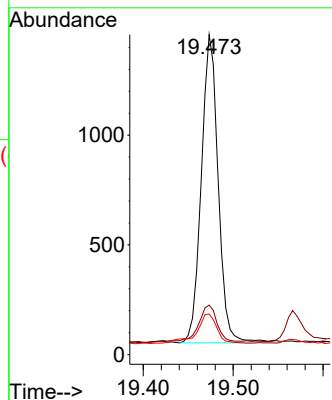
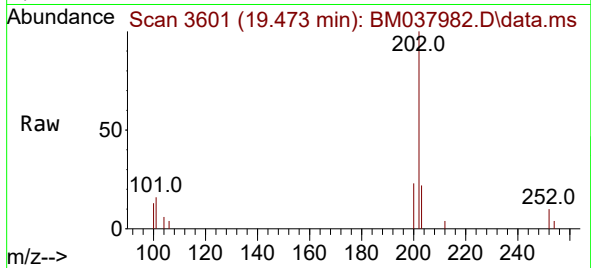




#19
Fluoranthene
Concen: 0.103 ng/u1
RT: 19.473 min Scan# 3601
Delta R.T. -0.000 min
Lab File: BM037982.D
Acq: 13 Dec 2022 13:19

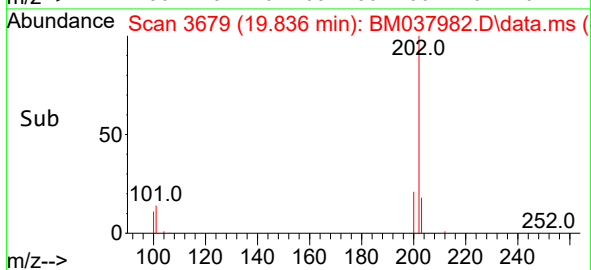
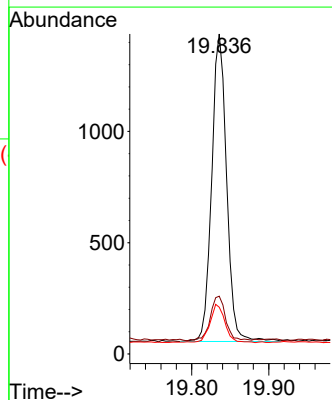
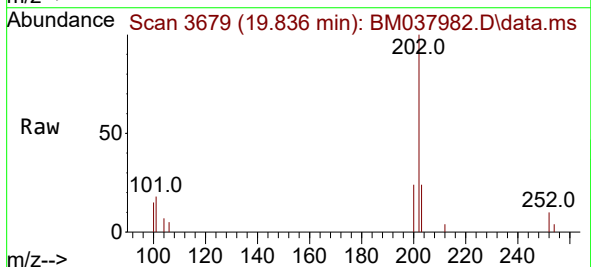
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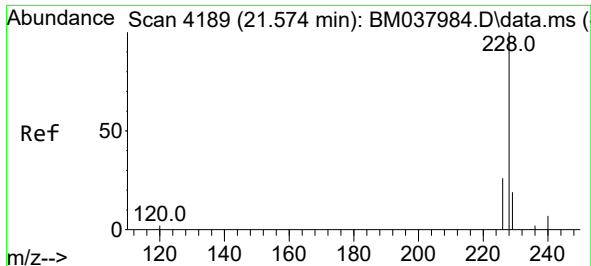
Tgt Ion:202 Resp: 1837
Ion Ratio Lower Upper
202 100
101 15.5 10.9 16.3
100 12.7 8.5 12.7



#20
Pyrene
Concen: 0.099 ng/u1
RT: 19.836 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM037982.D
Acq: 13 Dec 2022 13:19

Tgt Ion:202 Resp: 1860
Ion Ratio Lower Upper
202 100
101 18.1 12.6 19.0
100 14.6 10.6 15.8

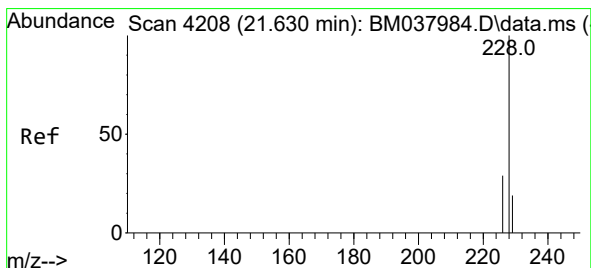
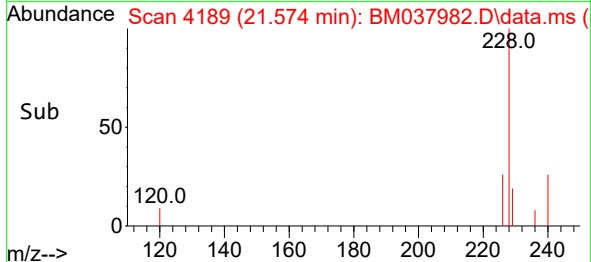
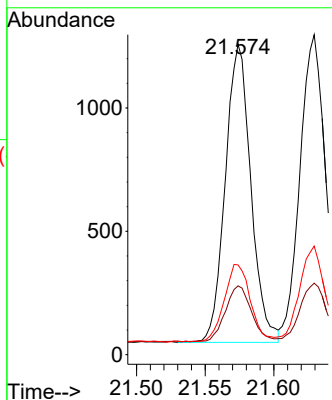
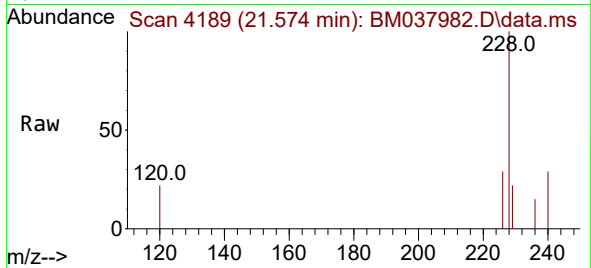




#21
Benzo(a)anthracene
Concen: 0.100 ng/ul
RT: 21.574 min Scan# 4189
Delta R.T. -0.000 min
Lab File: BM037982.D
Acq: 13 Dec 2022 13:19

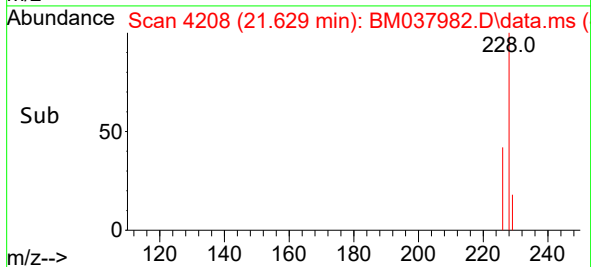
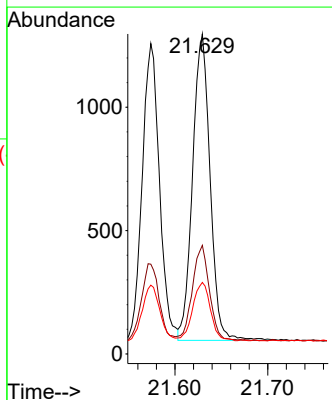
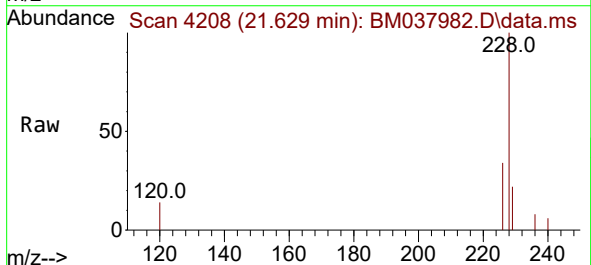
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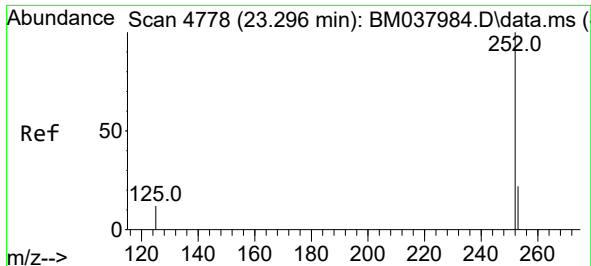
Tgt Ion:228 Resp: 1566
Ion Ratio Lower Upper
228 100
229 22.2 15.8 23.6
226 28.9 21.0 31.4



#22
Chrysene
Concen: 0.103 ng/ul
RT: 21.629 min Scan# 4208
Delta R.T. -0.000 min
Lab File: BM037982.D
Acq: 13 Dec 2022 13:19

Tgt Ion:228 Resp: 1630
Ion Ratio Lower Upper
228 100
226 33.9 23.7 35.5
229 22.4 15.8 23.8

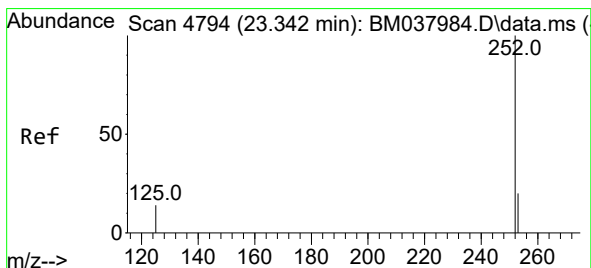
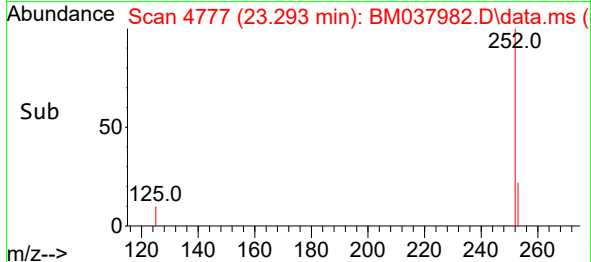
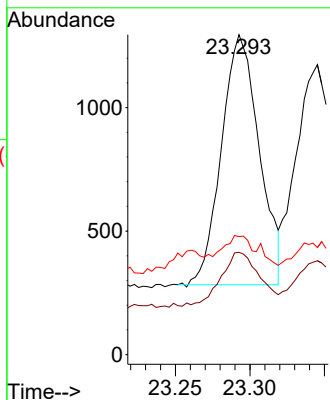
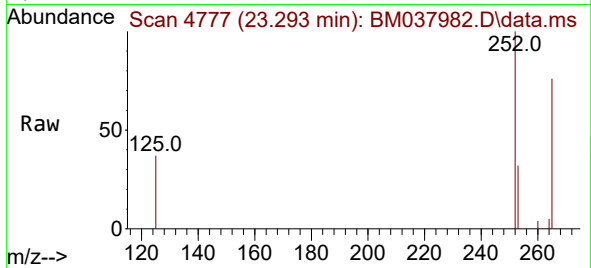




#24
Benzo(b)fluoranthene
Concen: 0.114 ng/ul
RT: 23.293 min Scan# 4777
Delta R.T. -0.003 min
Lab File: BM037982.D
Acq: 13 Dec 2022 13:19

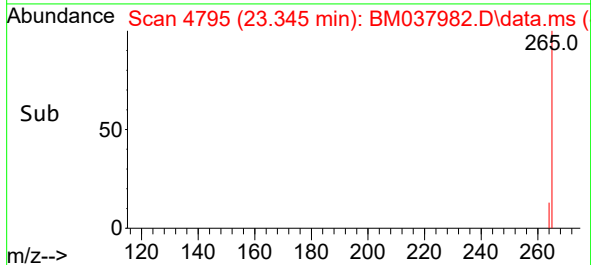
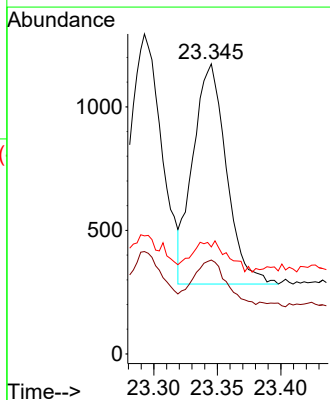
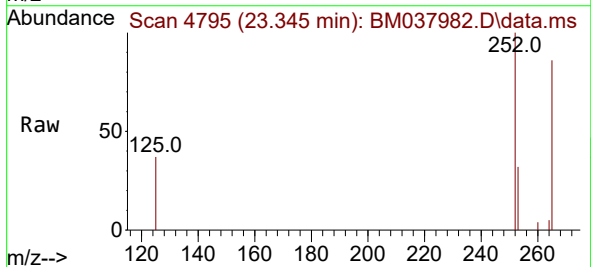
Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

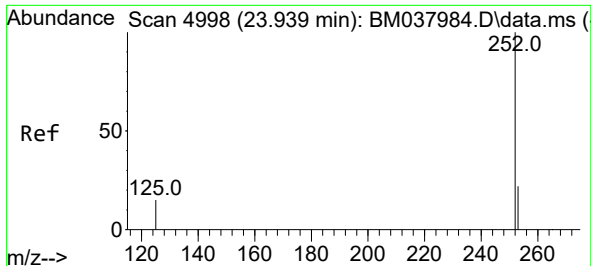
Tgt Ion:252 Resp: 1781
Ion Ratio Lower Upper
252 100
253 32.0 0.0 49.6
125 36.9 0.0 39.6



#25
Benzo(k)fluoranthene
Concen: 0.108 ng/ul
RT: 23.345 min Scan# 4795
Delta R.T. 0.003 min
Lab File: BM037982.D
Acq: 13 Dec 2022 13:19

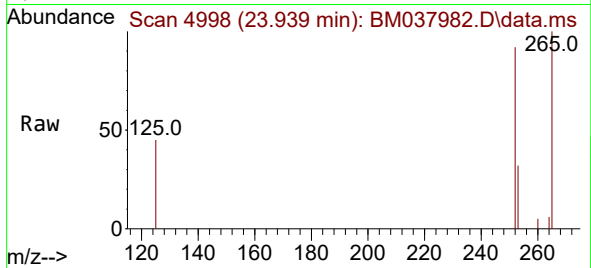
Tgt Ion:252 Resp: 1632
Ion Ratio Lower Upper
252 100
253 32.4 19.4 29.0#
125 36.9 16.7 25.1#



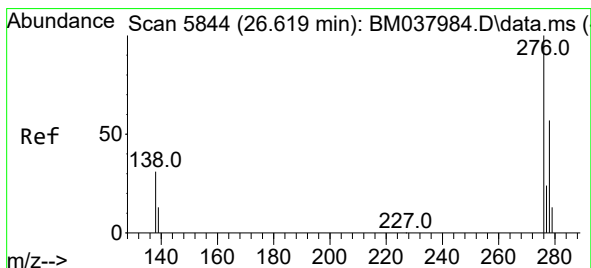
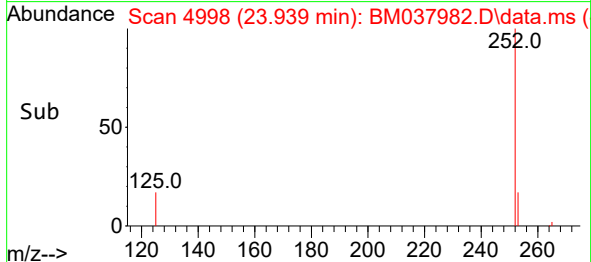
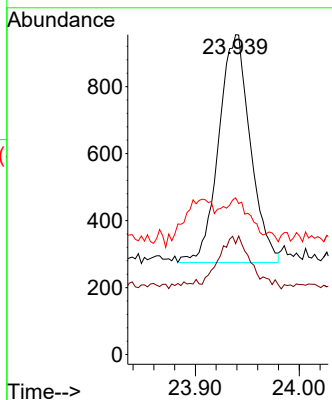


#26
Benzo(a)pyrene
Concen: 0.108 ng/ul
RT: 23.939 min Scan# 4998
Delta R.T. -0.000 min
Lab File: BM037982.D
Acq: 13 Dec 2022 13:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

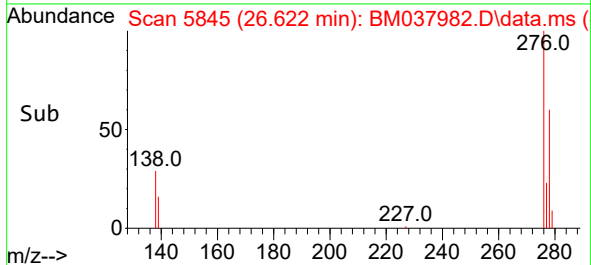
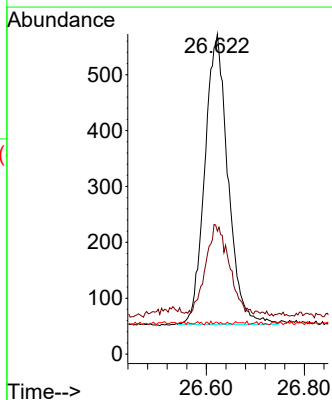
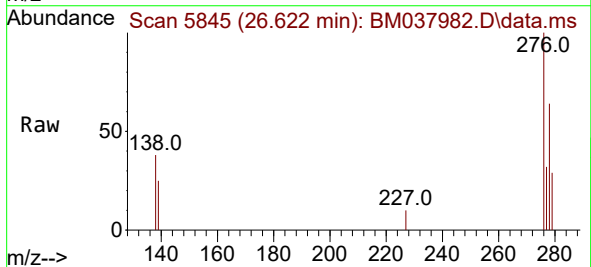


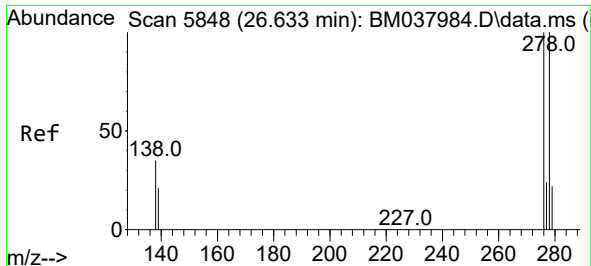
Tgt Ion:252 Resp: 1435
Ion Ratio Lower Upper
252 100
253 34.7 21.7 32.5#
125 49.0 20.4 30.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.098 ng/ul
RT: 26.622 min Scan# 5845
Delta R.T. 0.003 min
Lab File: BM037982.D
Acq: 13 Dec 2022 13:19

Tgt Ion:276 Resp: 1706
Ion Ratio Lower Upper
276 100
138 32.9 0.0 0.0#
227 0.2 0.1 0.1#

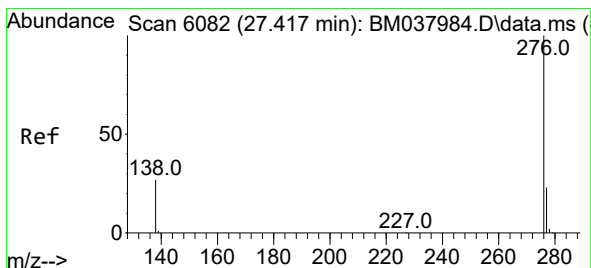
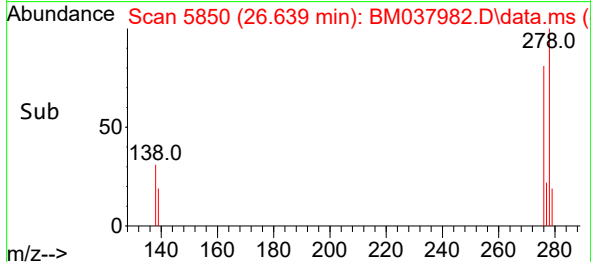
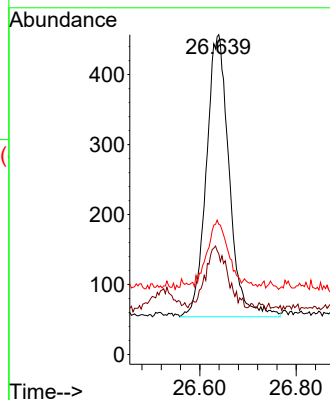
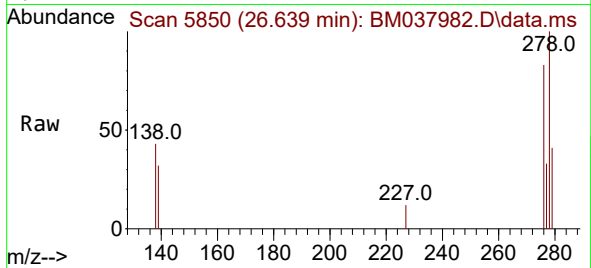




#28
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul
RT: 26.639 min Scan# 5848
Delta R.T. 0.007 min
Lab File: BM037982.D
Acq: 13 Dec 2022 13:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

Tgt Ion:278 Resp: 1324
Ion Ratio Lower Upper
278 100
139 31.5 19.4 29.0#
279 40.7 21.2 31.8#



#29
Benzo(g,h,i)perylene
Concen: 0.097 ng/ul
RT: 27.417 min Scan# 6082
Delta R.T. -0.000 min
Lab File: BM037982.D
Acq: 13 Dec 2022 13:19

Tgt Ion:276 Resp: 1422
Ion Ratio Lower Upper
276 100
138 37.6 23.5 35.3#
277 33.3 20.0 30.0#

