

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040440.D
 Acq On : 29 Jun 2023 16:41
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4137

Quant Time: Jun 30 03:06:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

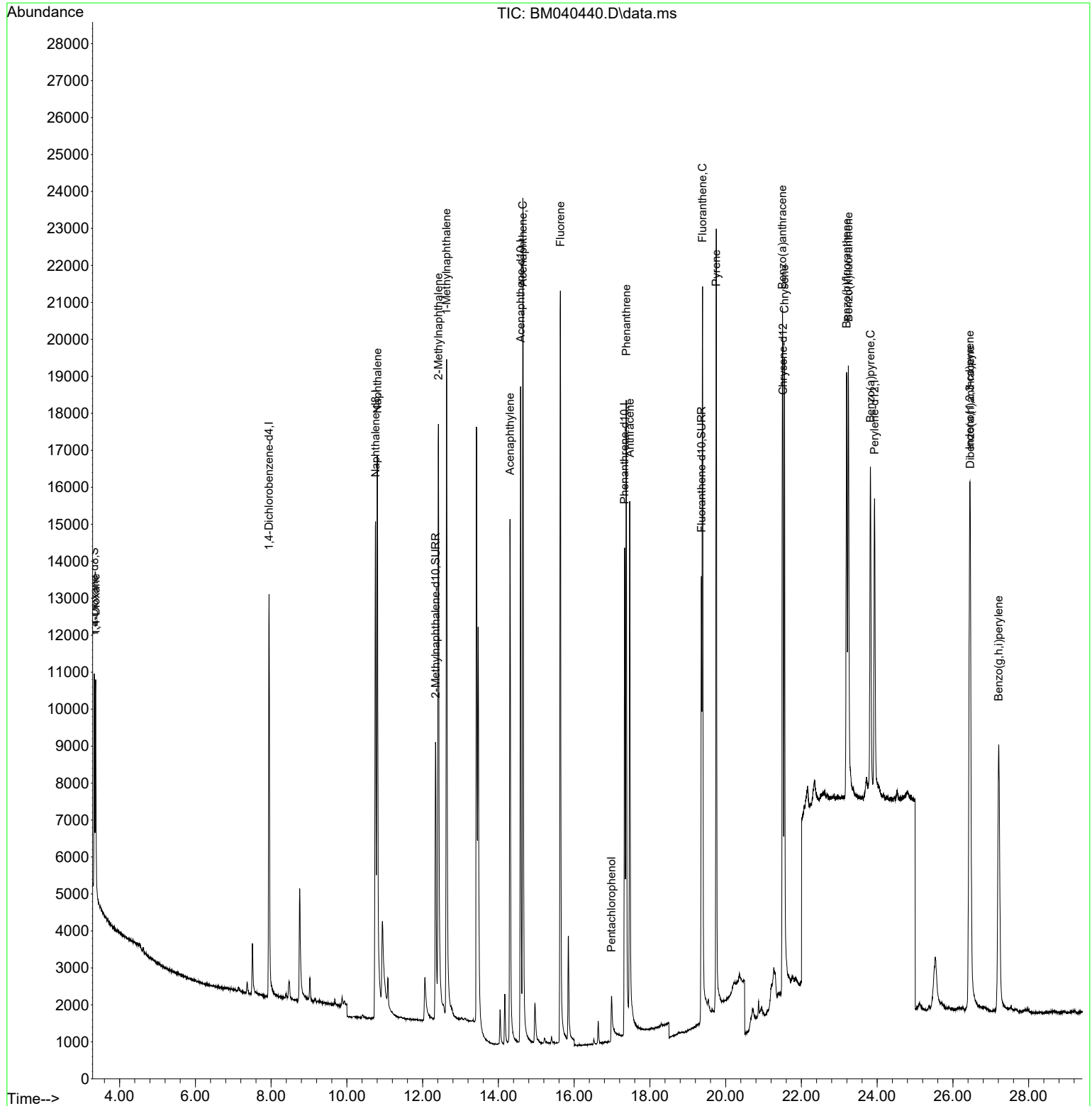
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	6401	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	23290	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.586	164	10768	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	17700	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	11403	0.400	ng/ul	0.00
23) Perylene-d12	23.932	264	12356	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	3617	0.360	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	13018	0.399	ng/ul	-0.01
18) Fluoranthene-d10	19.361	212	14718	0.403	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.367	88	3661	0.358	ng/ul#	72
5) Naphthalene	10.805	128	25476	0.397	ng/ul	99
7) 2-Methylnaphthalene	12.417	142	14670	0.389	ng/ul	99
8) 1-Methylnaphthalene	12.631	142	14514	0.385	ng/ul	100
10) Acenaphthylene	14.309	152	20078	0.417	ng/ul	99
11) Acenaphthene	14.646	153	15172	0.373	ng/ul	99
12) Fluorene	15.636	166	15609	0.360	ng/ul	100
14) Pentachlorophenol	16.986	266	1835	0.538	ng/ul	90
15) Phenanthrene	17.374	178	20286	0.369	ng/ul	99
16) Anthracene	17.467	178	18369	0.398	ng/ul	98
19) Fluoranthene	19.389	202	19021	0.393	ng/ul	97
20) Pyrene	19.751	202	20107	0.387	ng/ul	100
21) Benzo(a)anthracene	21.497	228	15813	0.410	ng/ul	98
22) Chrysene	21.553	228	16240	0.369	ng/ul	98
24) Benzo(b)fluoranthene	23.192	252	16550	0.346	ng/ul	89
25) Benzo(k)fluoranthene	23.239	252	16251	0.345	ng/ul#	89
26) Benzo(a)pyrene	23.824	252	15189	0.353	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.444	276	20833	0.347	ng/ul	97
28) Dibenzo(a,h)anthracene	26.457	278	16487	0.351	ng/ul	95
29) Benzo(g,h,i)perylene	27.208	276	17466	0.332	ng/ul	98

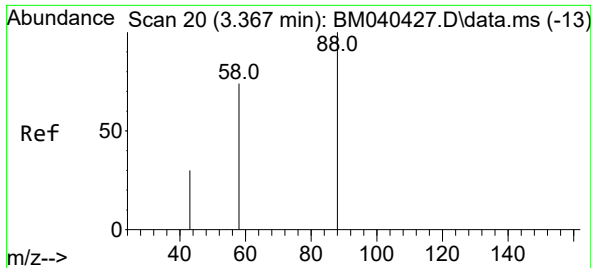
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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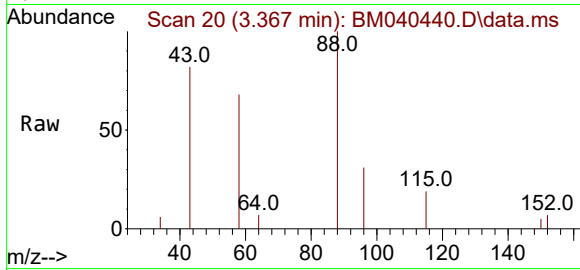
Quant Time: Jun 30 03:06:18 2023
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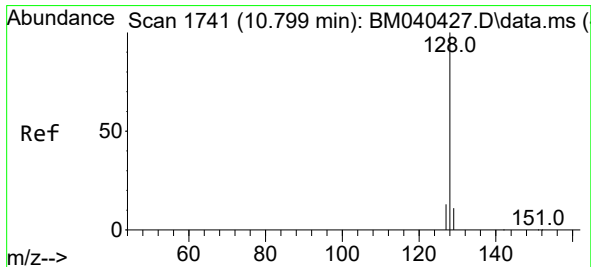
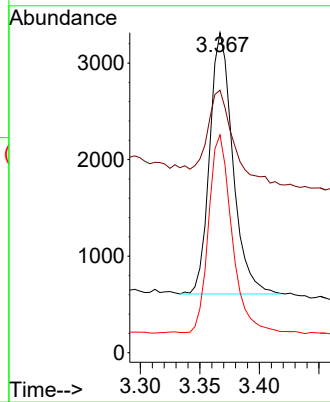
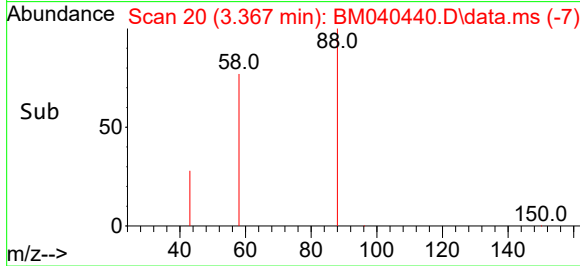


#2
1,4-Dioxane
Concen: 0.358 ng/ul
RT: 3.367 min Scan# 20
Delta R.T. -0.004 min
Lab File: BM040440.D
Acq: 29 Jun 2023 16:41

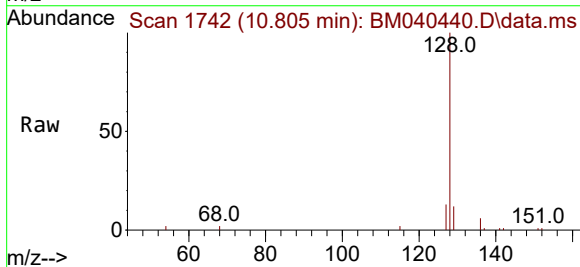
Instrument :
BNA_M
ClientSampleId :
SSTD0.4137



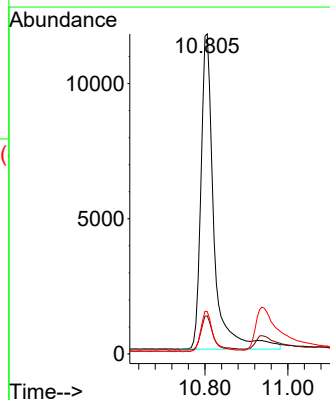
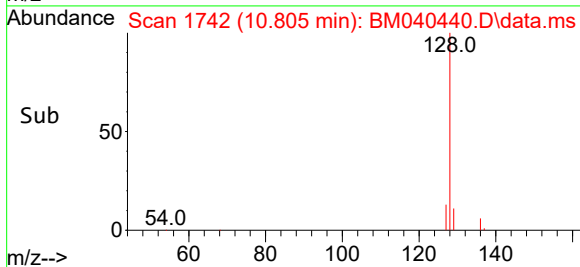
Tgt Ion: 88 Resp: 3661
Ion Ratio Lower Upper
88 100
43 82.0 36.1 54.1#
58 68.1 49.8 74.8

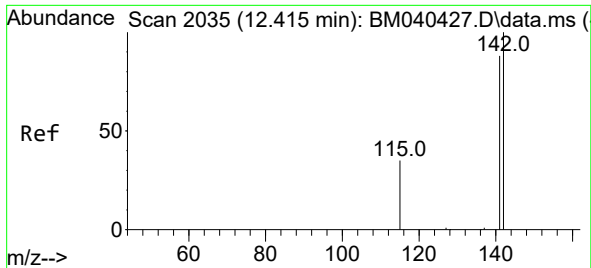


#5
Naphthalene
Concen: 0.397 ng/ul
RT: 10.805 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM040440.D
Acq: 29 Jun 2023 16:41



Tgt Ion: 128 Resp: 25476
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.3 10.6 15.8

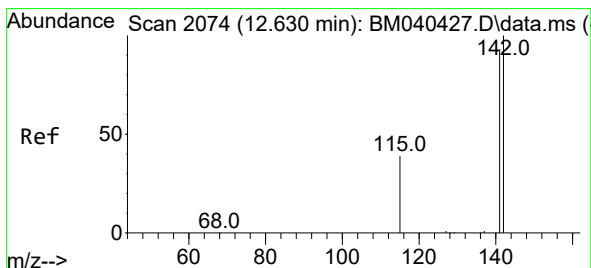
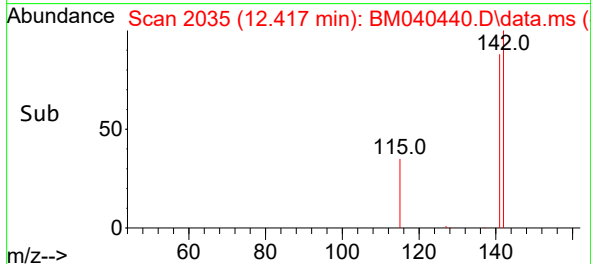
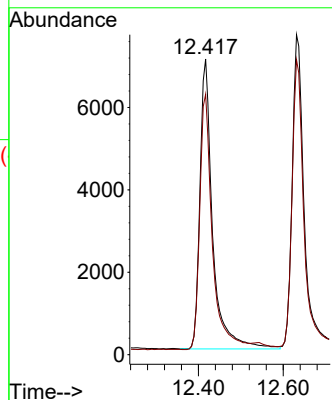
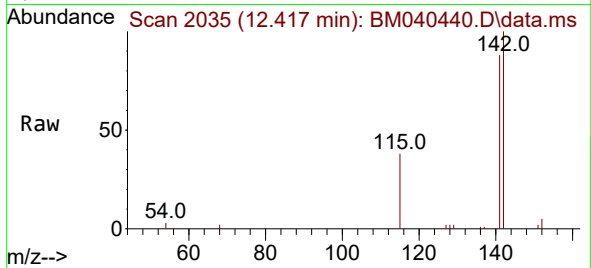




#7
2-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM040440.D
Acq: 29 Jun 2023 16:41

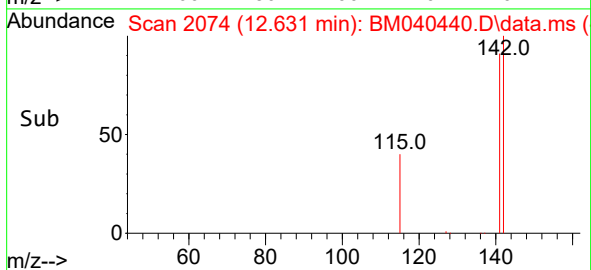
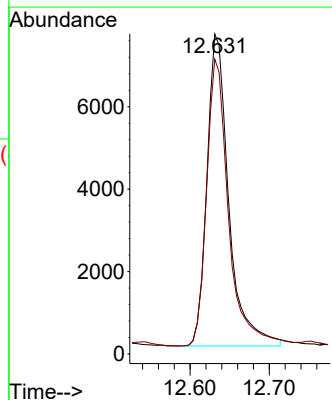
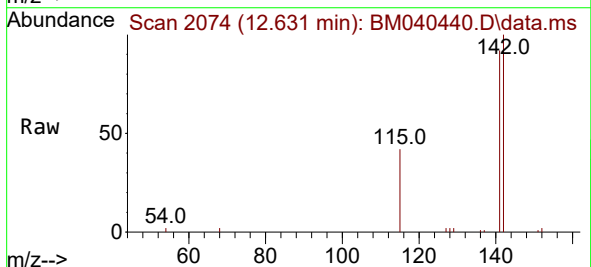
Instrument :
BNA_M
ClientSampleId :
SSTD0.4137

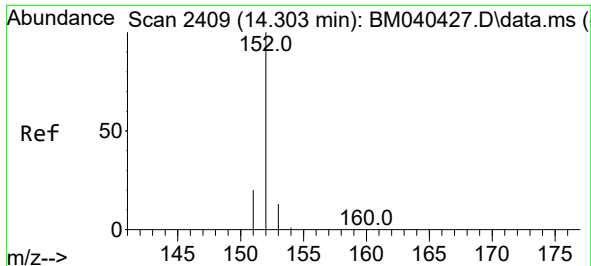
Tgt Ion:142 Resp: 14670
Ion Ratio Lower Upper
142 100
141 91.0 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.631 min Scan# 2074
Delta R.T. -0.011 min
Lab File: BM040440.D
Acq: 29 Jun 2023 16:41

Tgt Ion:142 Resp: 14514
Ion Ratio Lower Upper
142 100
141 92.0 73.7 110.5

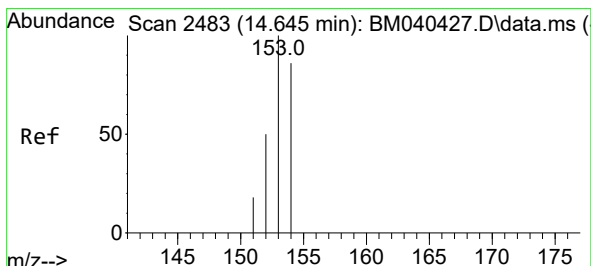
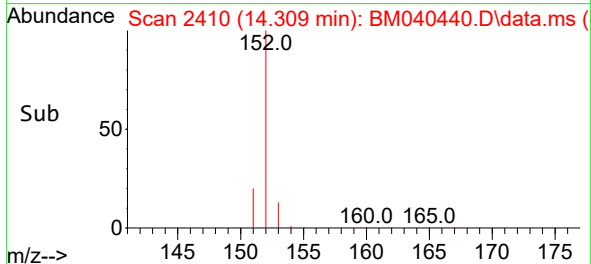
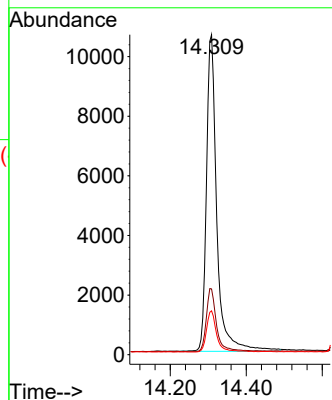
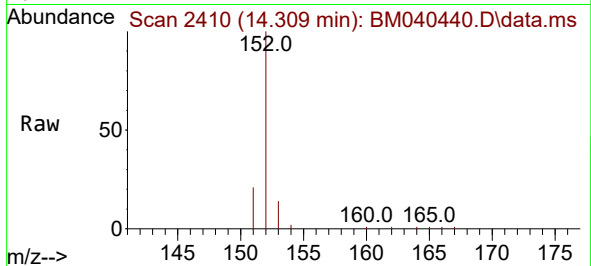




#10
Acenaphthylene
Concen: 0.417 ng/ul
RT: 14.309 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BM040440.D
Acq: 29 Jun 2023 16:41

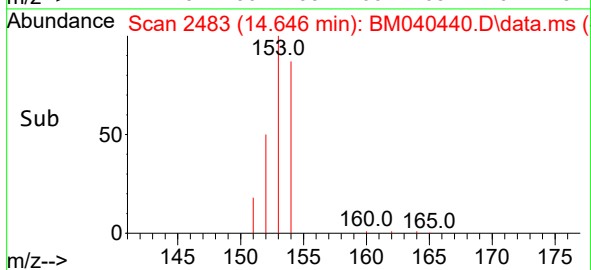
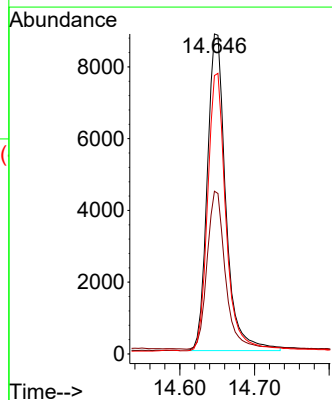
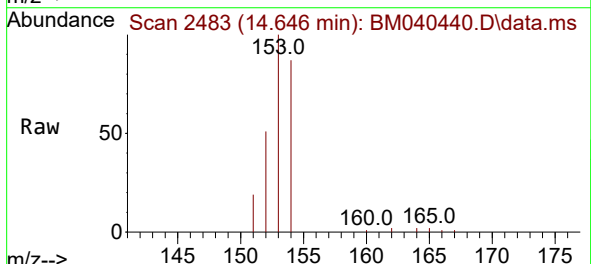
Instrument :
BNA_M
ClientSampleId :
SSTD0.4137

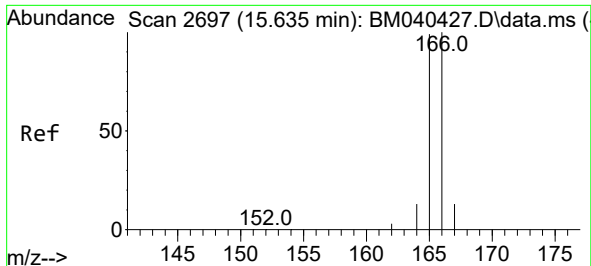
Tgt Ion:152 Resp: 20078
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.7 10.9 16.3



#11
Acenaphthene
Concen: 0.373 ng/ul
RT: 14.646 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BM040440.D
Acq: 29 Jun 2023 16:41

Tgt Ion:153 Resp: 15172
Ion Ratio Lower Upper
153 100
152 50.9 41.0 61.4
154 87.0 70.8 106.2

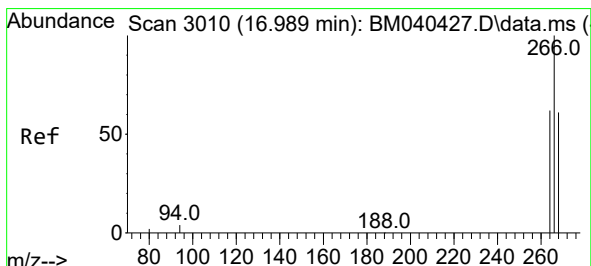
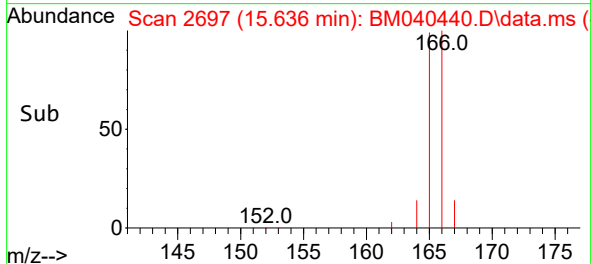
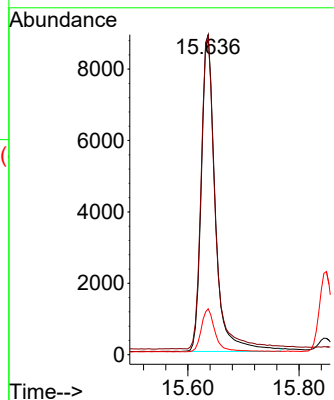
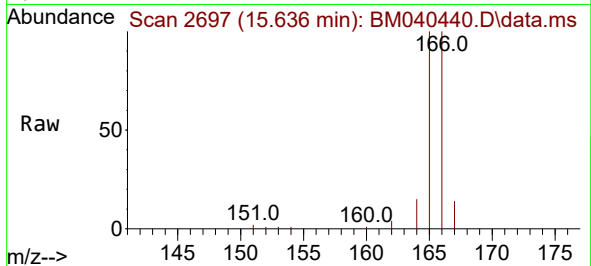




#12
Fluorene
Concen: 0.360 ng/ul
RT: 15.636 min Scan# 2009
Delta R.T. -0.005 min
Lab File: BM040440.D
Acq: 29 Jun 2023 16:41

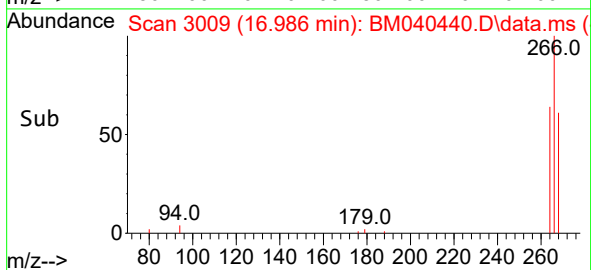
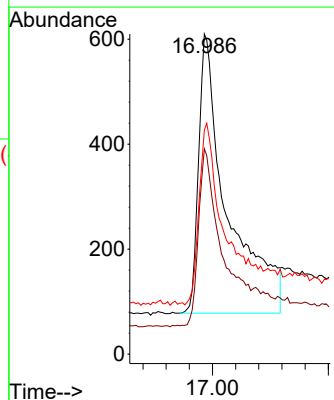
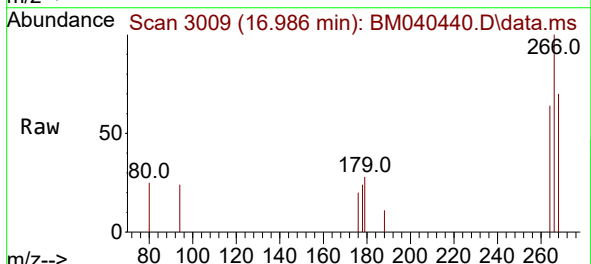
Instrument :
BNA_M
ClientSampleId :
SSTD0.4137

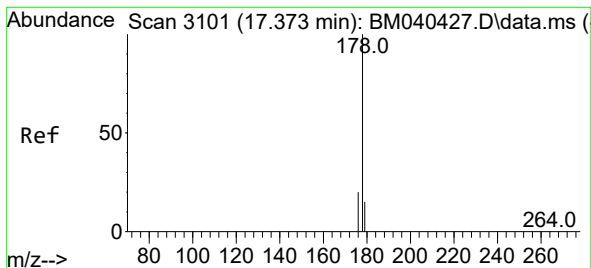
Tgt Ion:	166	Resp:	15609
Ion Ratio	Lower	Upper	
166	100		
165	99.7	79.6	119.4
167	14.3	11.4	17.0



#14
Pentachlorophenol
Concen: 0.538 ng/ul
RT: 16.986 min Scan# 3009
Delta R.T. -0.025 min
Lab File: BM040440.D
Acq: 29 Jun 2023 16:41

Tgt Ion:	266	Resp:	1835
Ion Ratio	Lower	Upper	
266	100		
264	64.3	45.4	68.0
268	66.8	47.2	70.8





#15

Phenanthrene

Concen: 0.369 ng/ul

RT: 17.374 min Scan# 3101

Delta R.T. -0.004 min

Lab File: BM040440.D

Acq: 29 Jun 2023 16:41

Instrument :

BNA_M

ClientSampleId :

SSTD0.4137

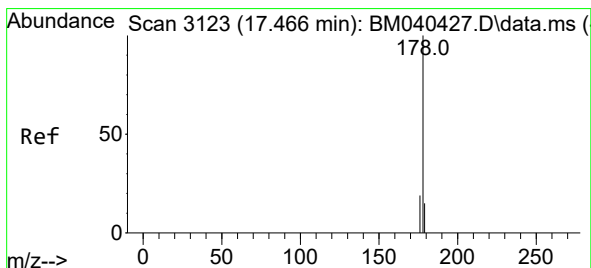
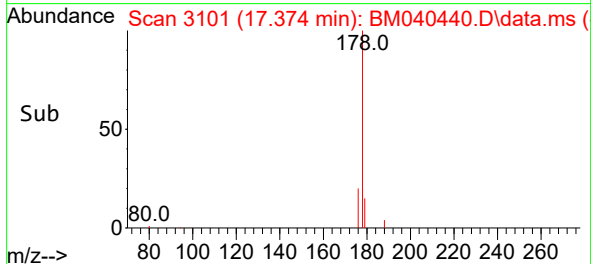
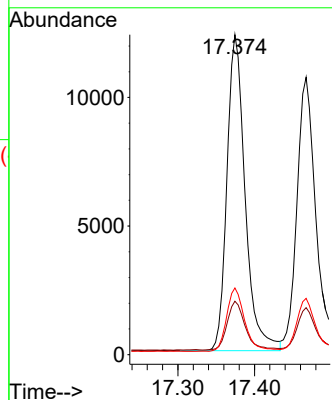
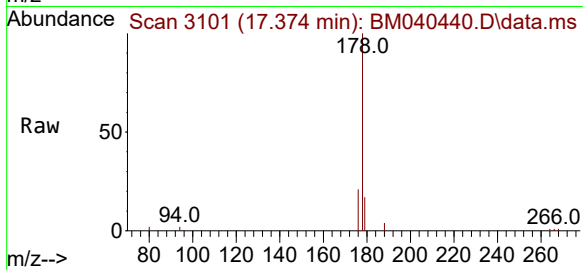
Tgt Ion:178 Resp: 20286

Ion Ratio Lower Upper

178 100

179 16.7 12.8 19.2

176 20.8 16.4 24.6



#16

Anthracene

Concen: 0.398 ng/ul

RT: 17.467 min Scan# 3123

Delta R.T. -0.004 min

Lab File: BM040440.D

Acq: 29 Jun 2023 16:41

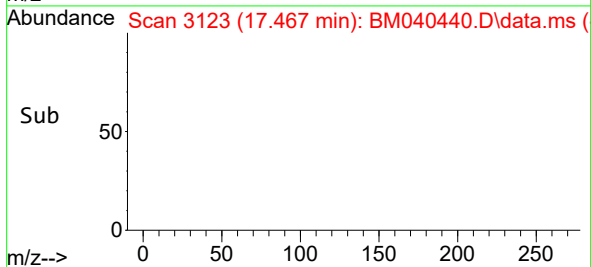
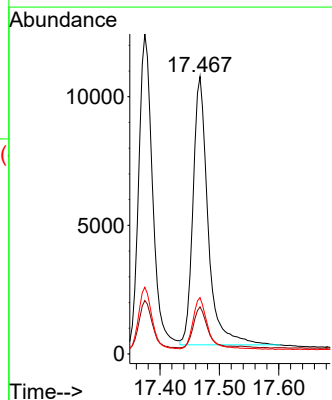
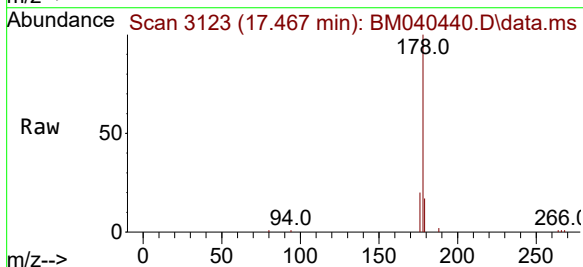
Tgt Ion:178 Resp: 18369

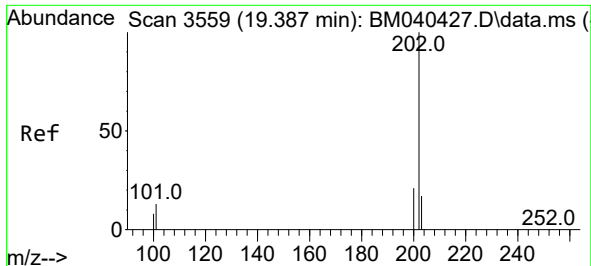
Ion Ratio Lower Upper

178 100

179 17.0 12.9 19.3

176 20.3 15.8 23.6

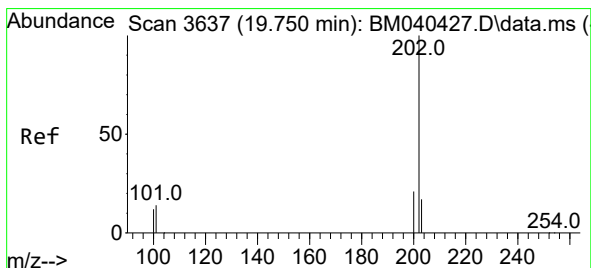
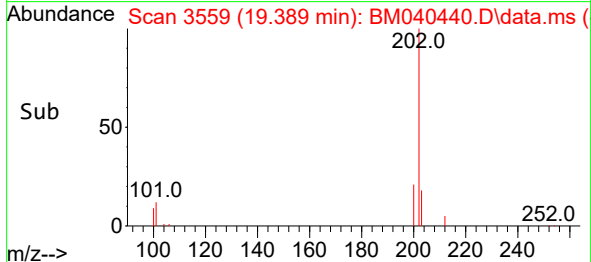
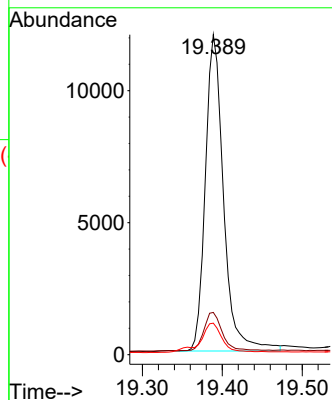
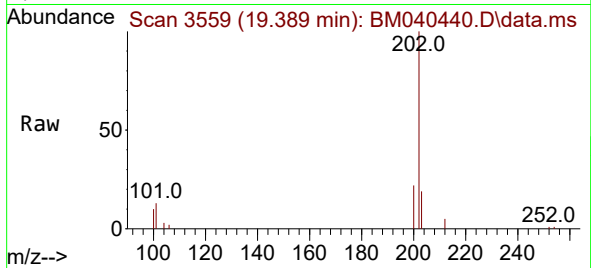




#19
Fluoranthene
Concen: 0.393 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040440.D
Acq: 29 Jun 2023 16:41

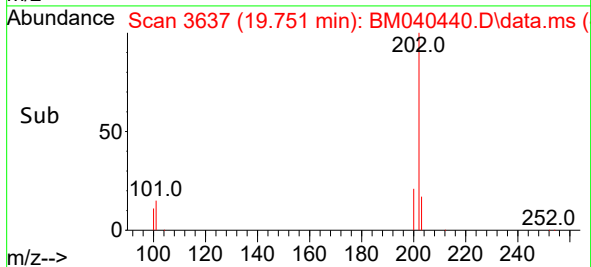
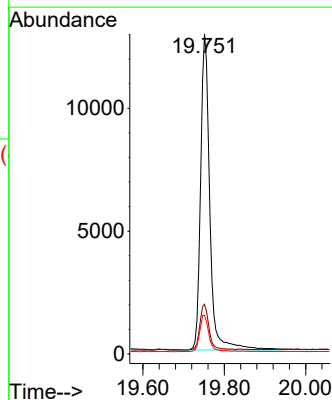
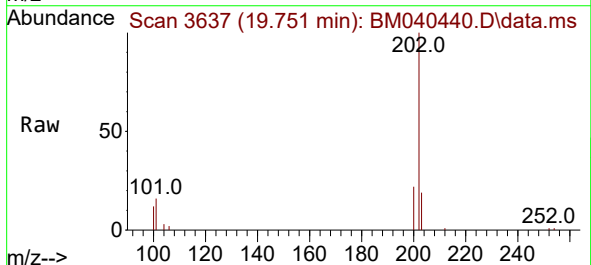
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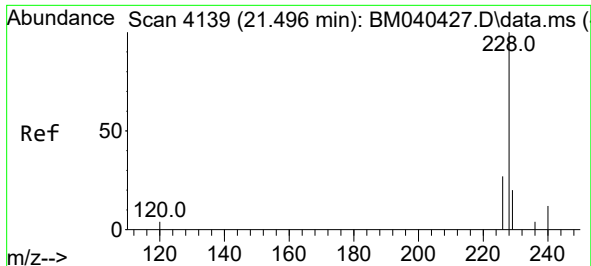
Tgt Ion:202 Resp: 19021
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 9.9 8.7 13.1



#20
Pyrene
Concen: 0.387 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040440.D
Acq: 29 Jun 2023 16:41

Tgt Ion:202 Resp: 20107
Ion Ratio Lower Upper
202 100
101 15.6 12.6 18.8
100 12.1 9.8 14.6

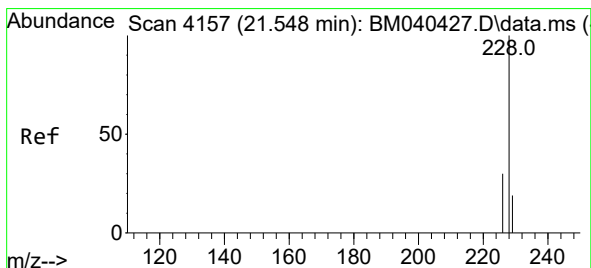
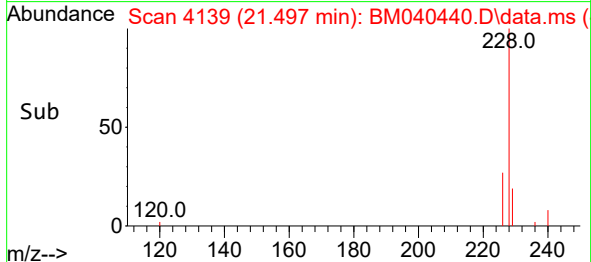
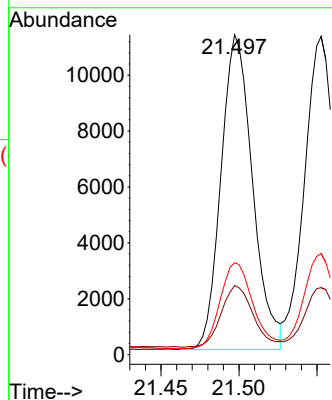
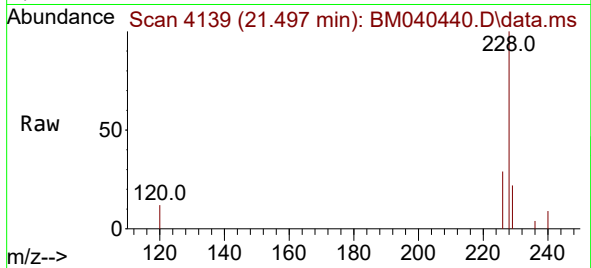




#21
Benzo(a)anthracene
Concen: 0.410 ng/ul
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040440.D
Acq: 29 Jun 2023 16:41

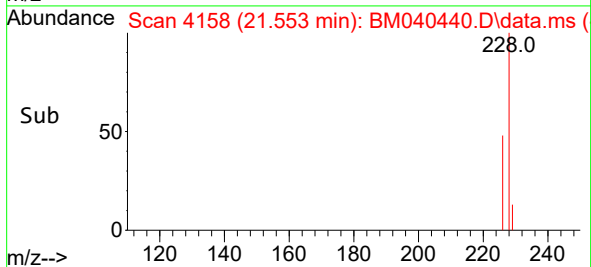
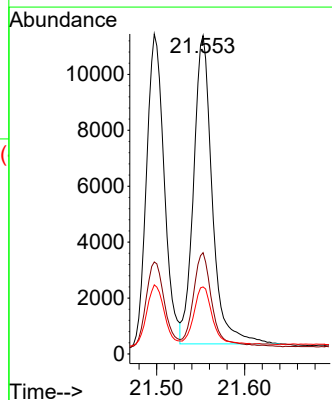
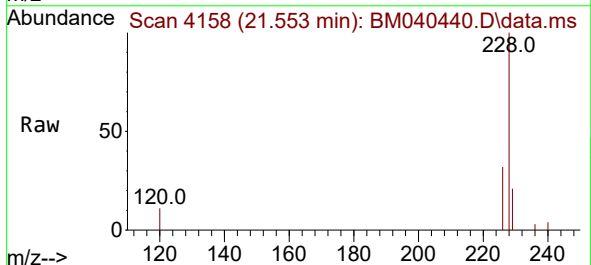
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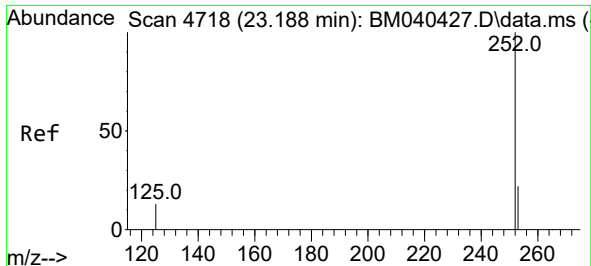
Tgt Ion:228 Resp: 15813
Ion Ratio Lower Upper
228 100
229 21.6 16.0 24.0
226 28.8 22.3 33.5



#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.553 min Scan# 4158
Delta R.T. -0.000 min
Lab File: BM040440.D
Acq: 29 Jun 2023 16:41

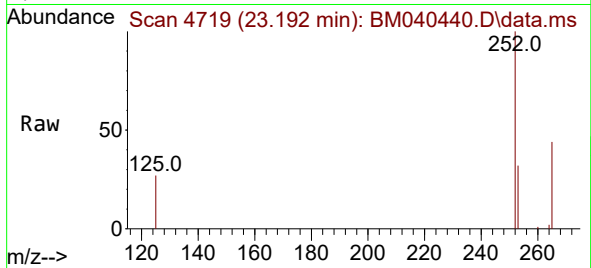
Tgt Ion:228 Resp: 16240
Ion Ratio Lower Upper
228 100
226 31.8 24.9 37.3
229 21.1 15.8 23.6



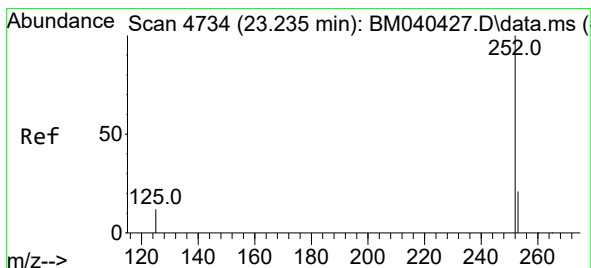
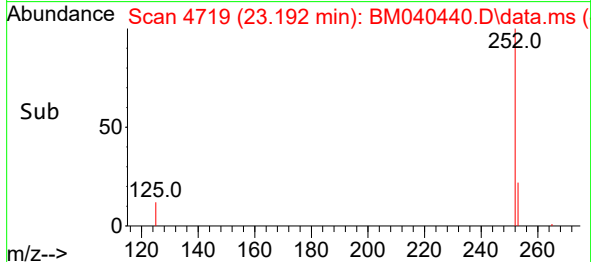
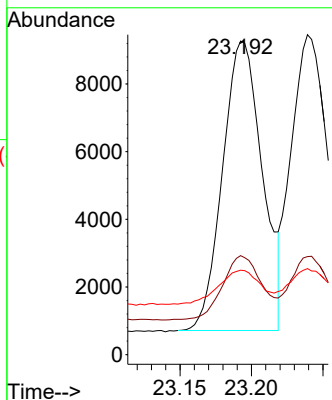


#24
Benzo(b)fluoranthene
Concen: 0.346 ng/ul
RT: 23.192 min Scan# 4719
Delta R.T. -0.000 min
Lab File: BM040440.D
Acq: 29 Jun 2023 16:41

Instrument :
BNA_M
ClientSampleId :
SSTD0.4137

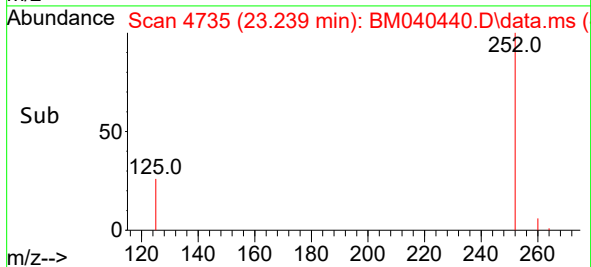
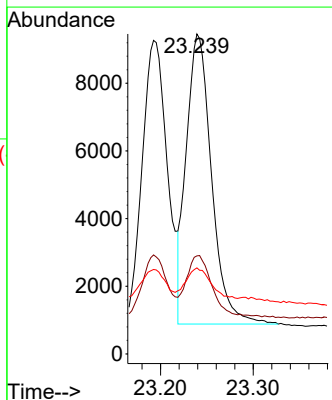
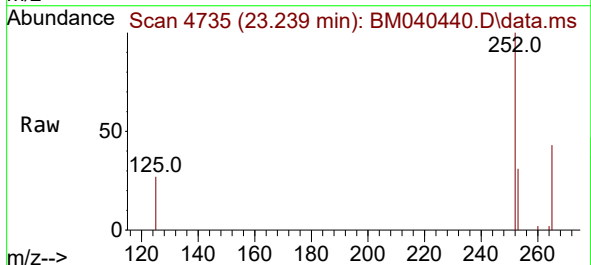


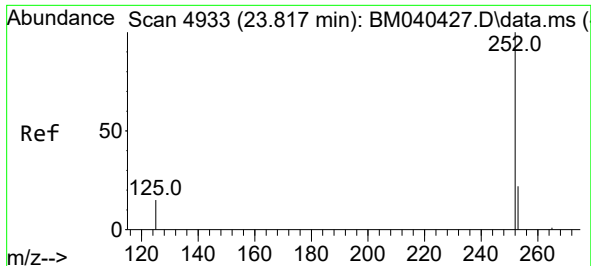
Tgt Ion:252 Resp: 16550
Ion Ratio Lower Upper
252 100
253 31.6 0.0 52.8
125 26.9 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.345 ng/ul
RT: 23.239 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BM040440.D
Acq: 29 Jun 2023 16:41

Tgt Ion:252 Resp: 16251
Ion Ratio Lower Upper
252 100
253 30.7 21.2 31.8
125 26.9 16.4 24.6#

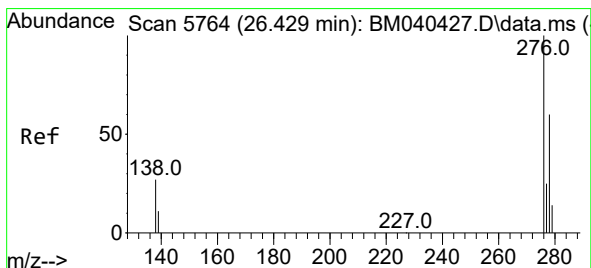
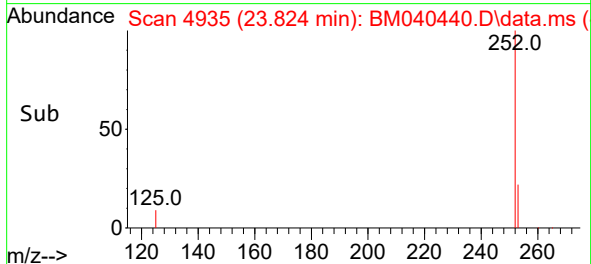
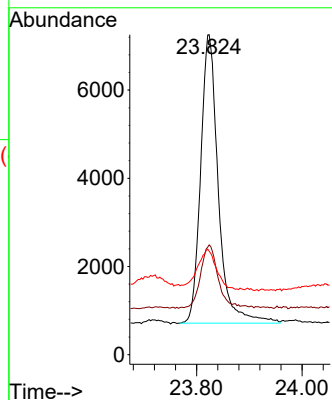
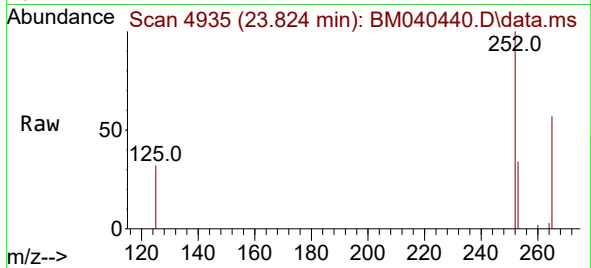




#26
Benzo(a)pyrene
Concen: 0.353 ng/ul
RT: 23.824 min Scan# 4933
Delta R.T. -0.000 min
Lab File: BM040440.D
Acq: 29 Jun 2023 16:41

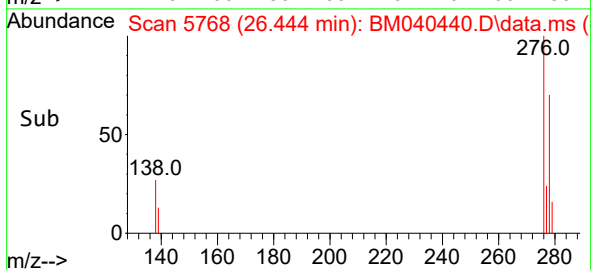
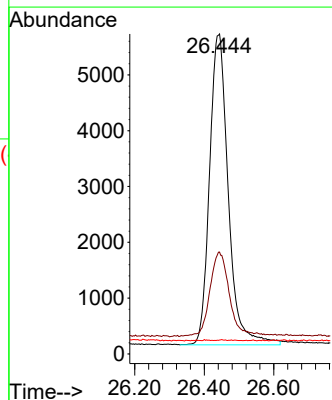
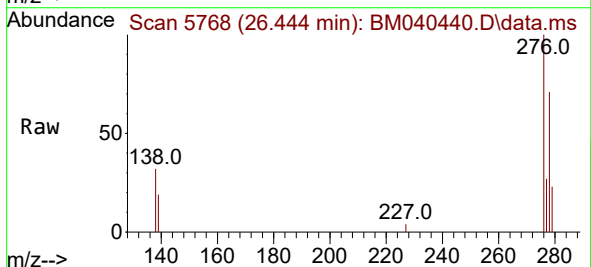
Instrument :
BNA_M
ClientSampleId :
SSTD0.4137

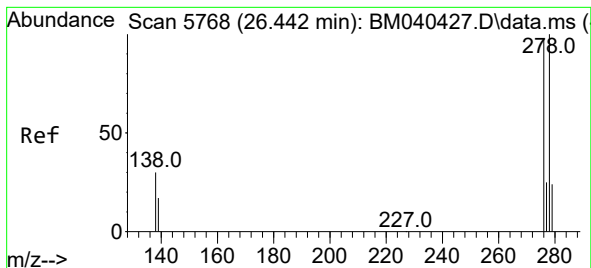
Tgt Ion:252 Resp: 15189
Ion Ratio Lower Upper
252 100
253 34.3 22.9 34.3
125 32.4 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.347 ng/ul
RT: 26.444 min Scan# 5768
Delta R.T. 0.010 min
Lab File: BM040440.D
Acq: 29 Jun 2023 16:41

Tgt Ion:276 Resp: 20833
Ion Ratio Lower Upper
276 100
138 28.9 24.5 36.7
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.351 ng/ul

RT: 26.457 min Scan# 5

Delta R.T. 0.003 min

Lab File: BM040440.D

Acq: 29 Jun 2023 16:41

Instrument :

BNA_M

ClientSampleId :

SSTD0.4137

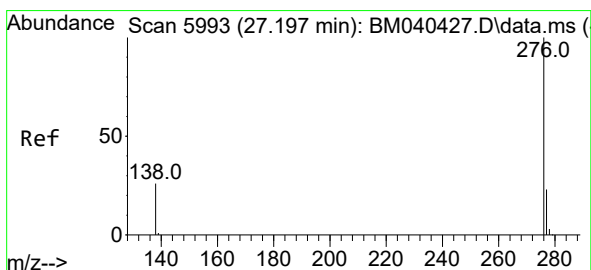
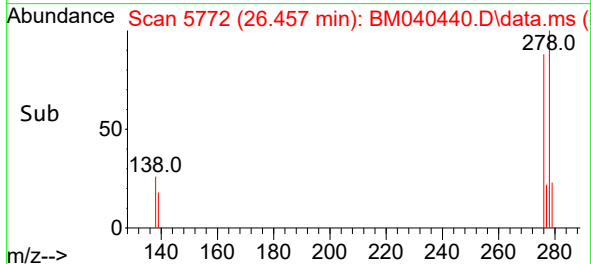
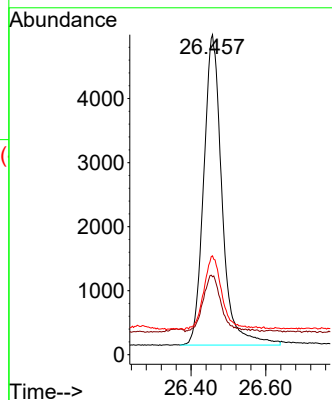
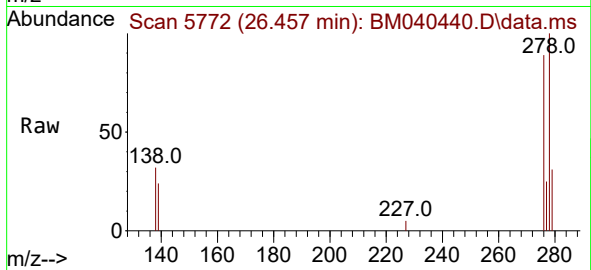
Tgt Ion:278 Resp: 16487

Ion Ratio Lower Upper

278 100

139 24.3 17.9 26.9

279 30.9 22.0 33.0



#29

Benzo(g,h,i)perylene

Concen: 0.332 ng/ul

RT: 27.208 min Scan# 5996

Delta R.T. 0.003 min

Lab File: BM040440.D

Acq: 29 Jun 2023 16:41

Tgt Ion:276 Resp: 17466

Ion Ratio Lower Upper

276 100

138 29.6 23.0 34.6

277 26.9 20.3 30.5

