

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040493.D
 Acq On : 01 Jul 2023 04:25
 Operator : MA/JU
 Sample : PB153636BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS636

Quant Time: Jul 01 04:55:53 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 : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

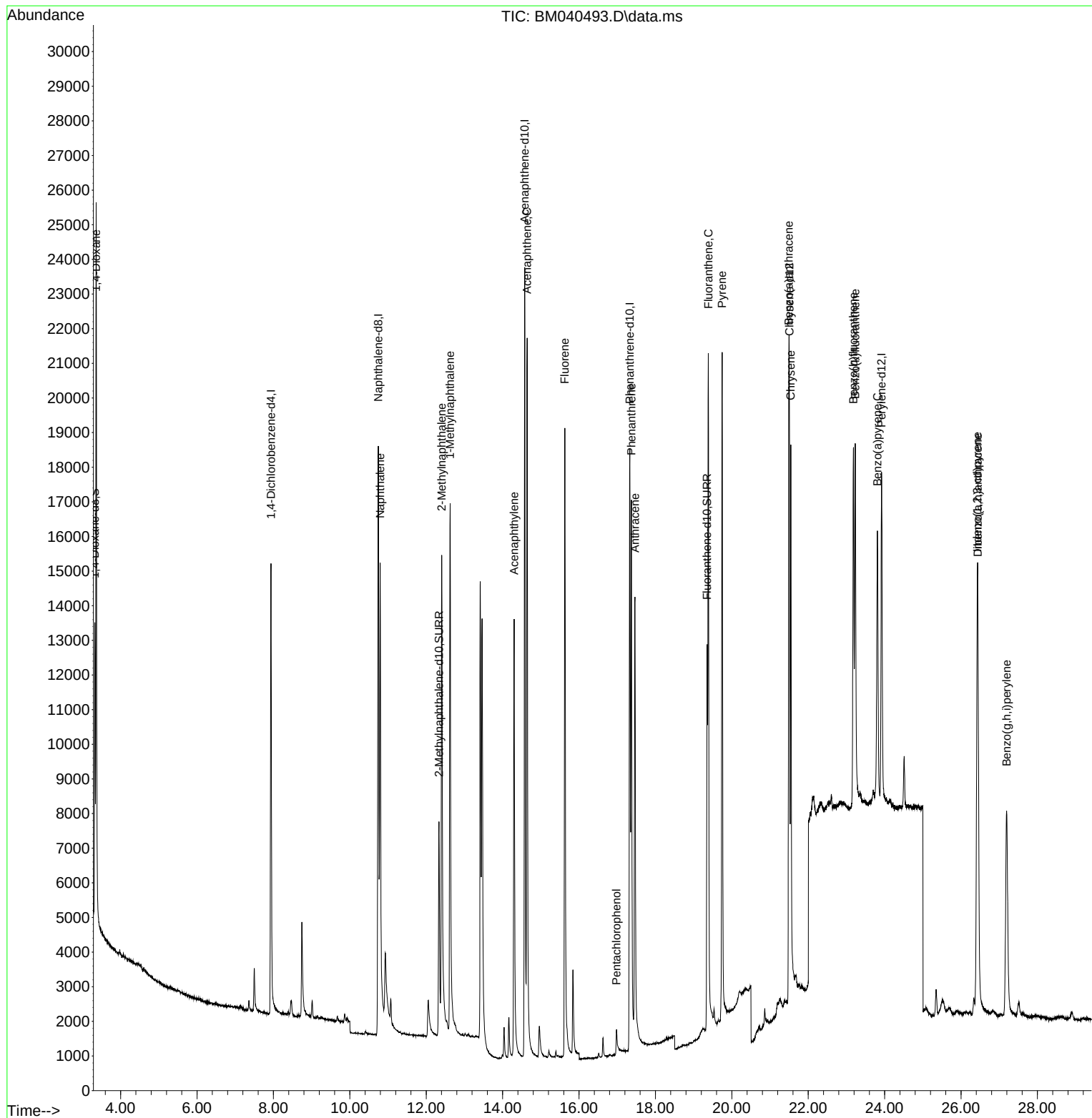
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	7714	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	29497	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.577	164	14351	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	25242	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	14255	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	14547	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	5075	0.419	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	11160	0.270	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	14364	0.314	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.359	88	13753	1.115	ng/ul	89
5) Naphthalene	10.795	128	21811	0.268	ng/ul	99
7) 2-Methylnaphthalene	12.406	142	13051	0.273	ng/ul	99
8) 1-Methylnaphthalene	12.626	142	12777	0.268	ng/ul	99
10) Acenaphthylene	14.300	152	18537	0.289	ng/ul	99
11) Acenaphthene	14.642	153	13813	0.255	ng/ul	99
12) Fluorene	15.627	166	14622	0.253	ng/ul	100
14) Pentachlorophenol	16.982	266	967	0.199	ng/ul	93
15) Phenanthrene	17.370	178	19699	0.251	ng/ul	99
16) Anthracene	17.463	178	18030	0.274	ng/ul	98
19) Fluoranthene	19.384	202	19170	0.317	ng/ul	98
20) Pyrene	19.747	202	19911	0.307	ng/ul	100
21) Benzo(a)anthracene	21.491	228	15063	0.312	ng/ul	96
22) Chrysene	21.544	228	15035	0.273	ng/ul	97
24) Benzo(b)fluoranthene	23.184	252	14960	0.266	ng/ul	84
25) Benzo(k)fluoranthene	23.230	252	14783	0.266	ng/ul#	82
26) Benzo(a)pyrene	23.812	252	13203	0.260	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.424	276	18036	0.255	ng/ul	93
28) Dibenzo(a,h)anthracene	26.441	278	14353	0.260	ng/ul	90
29) Benzo(g,h,i)perylene	27.192	276	15037	0.243	ng/ul	94

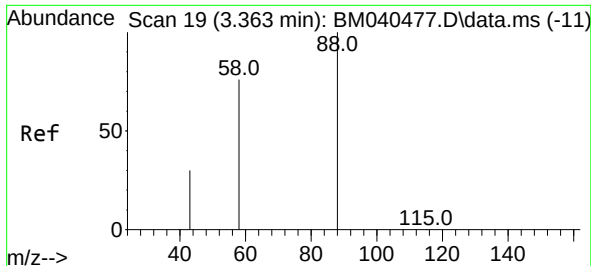
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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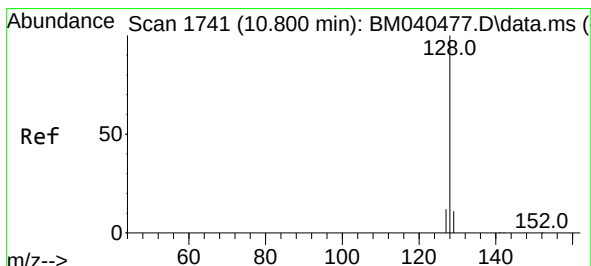
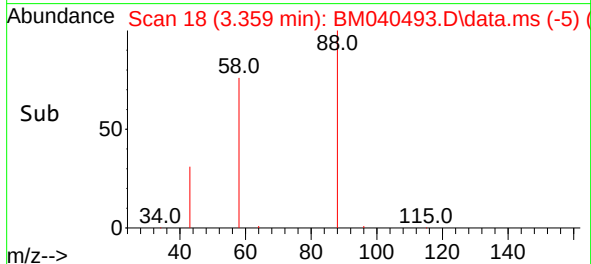
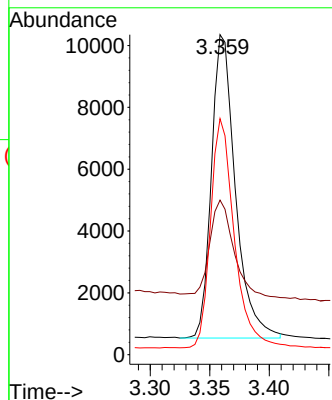
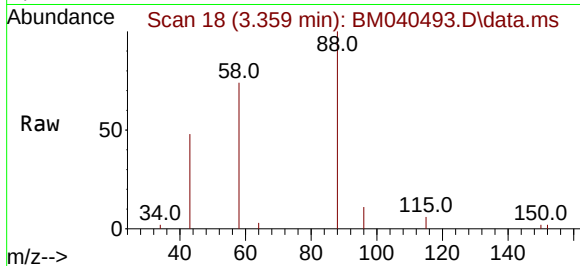




#2
1,4-Dioxane
Concen: 1.115 ng/ul
RT: 3.359 min Scan# 11
Delta R.T. -0.004 min
Lab File: BM040493.D
Acq: 01 Jul 2023 04:25

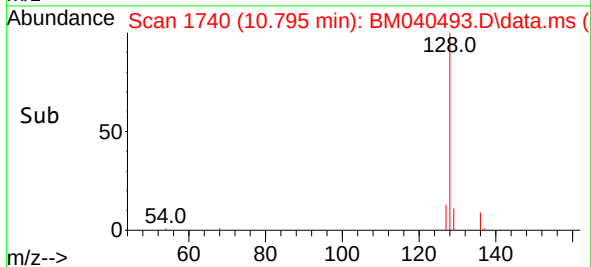
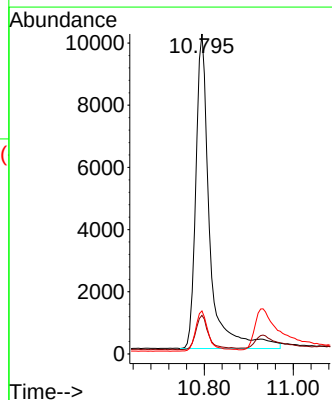
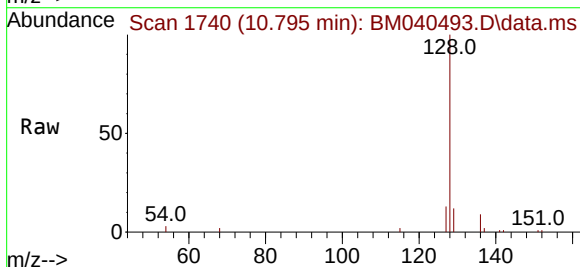
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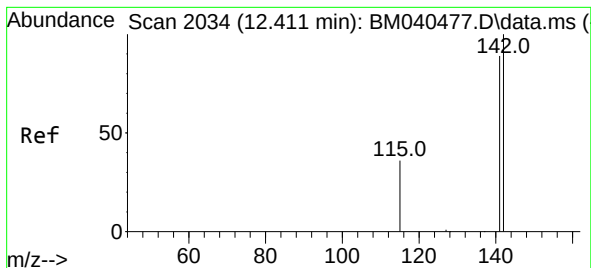
Tgt Ion: 88 Resp: 13753
Ion Ratio Lower Upper
88 100
43 48.3 36.1 54.1
58 73.8 49.8 74.8



#5
Naphthalene
Concen: 0.268 ng/ul
RT: 10.795 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM040493.D
Acq: 01 Jul 2023 04:25

Tgt Ion: 128 Resp: 21811
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.5 10.6 15.8

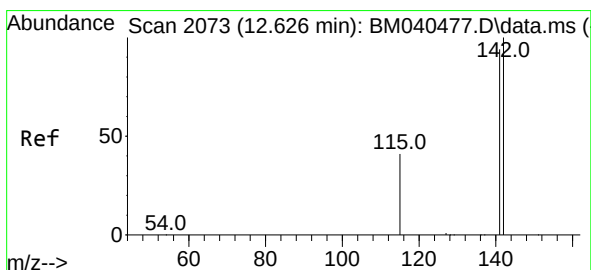
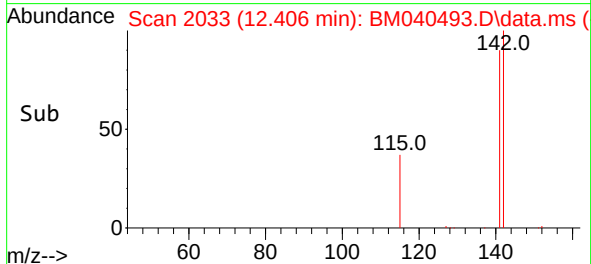
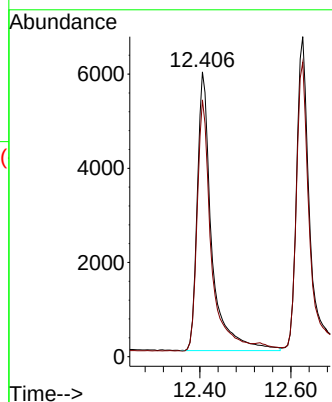
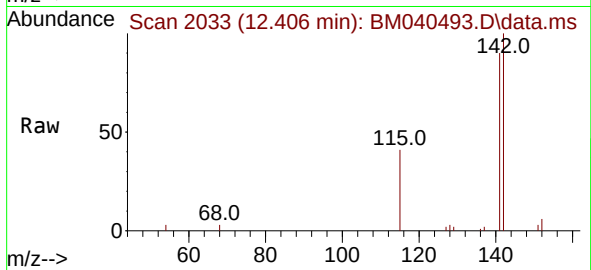




#7
2-Methylnaphthalene
Concen: 0.273 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040493.D
Acq: 01 Jul 2023 04:25

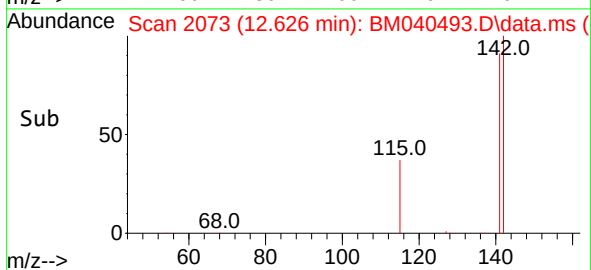
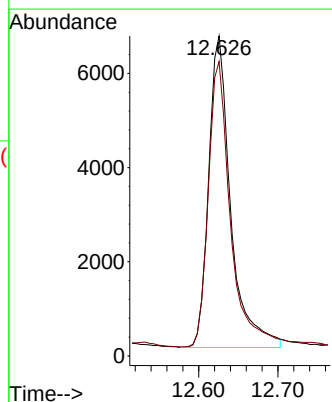
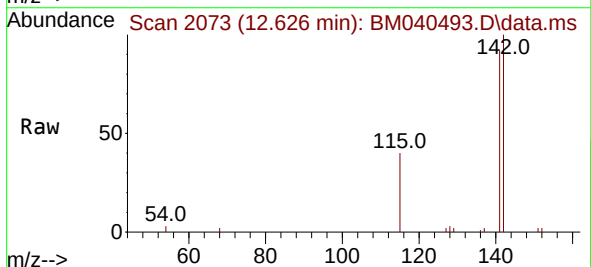
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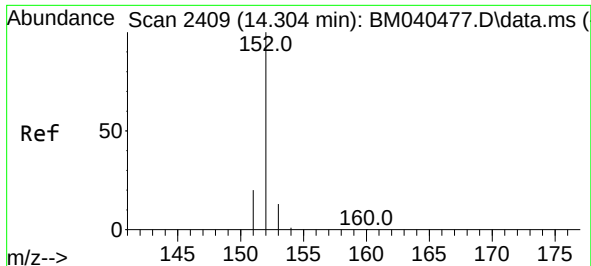
Tgt Ion:142 Resp: 13051
Ion Ratio Lower Upper
142 100
141 91.1 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.268 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM040493.D
Acq: 01 Jul 2023 04:25

Tgt Ion:142 Resp: 12777
Ion Ratio Lower Upper
142 100
141 91.6 73.7 110.5

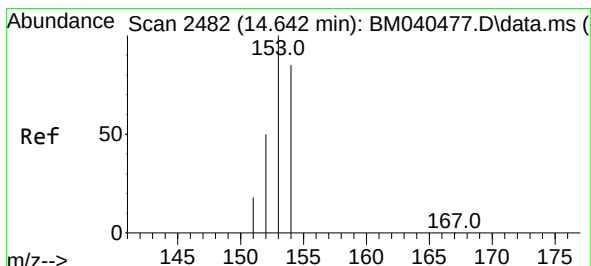
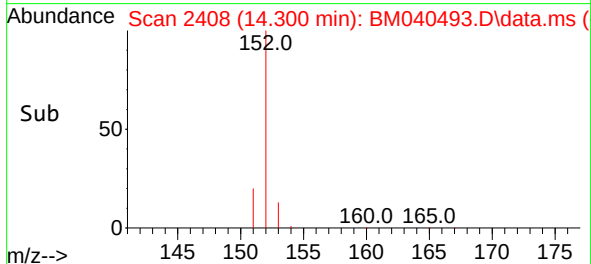
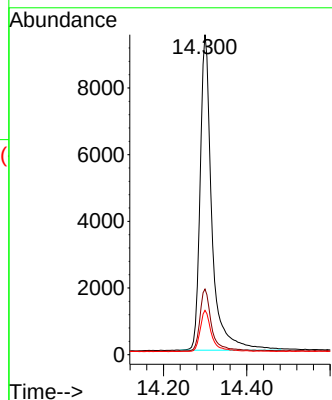
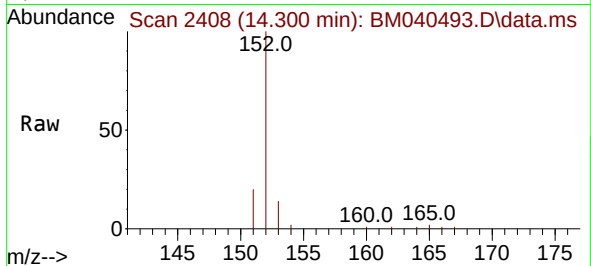




#10
Acenaphthylene
Concen: 0.289 ng/ul
RT: 14.300 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BM040493.D
Acq: 01 Jul 2023 04:25

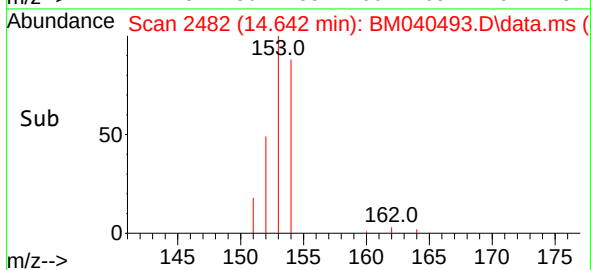
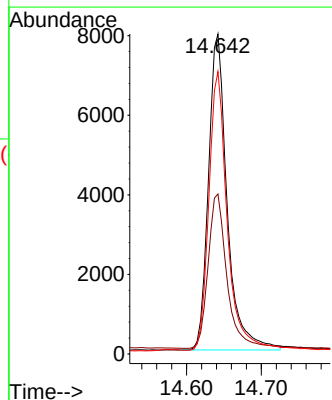
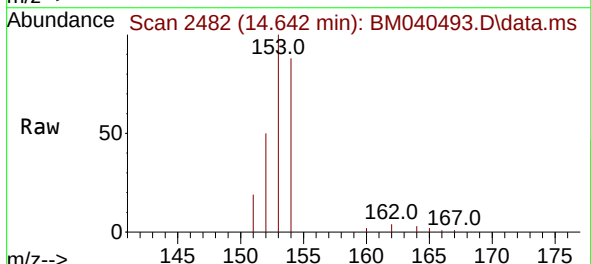
Instrument :
BNA_M
ClientSampleId :
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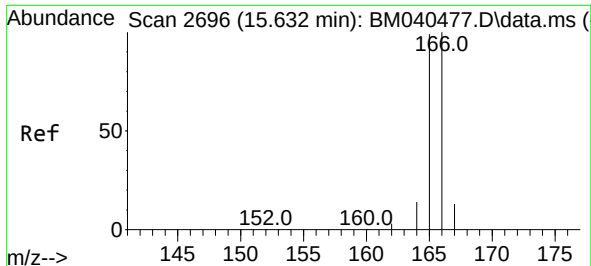
Tgt Ion:152 Resp: 18537
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.8 10.9 16.3



#11
Acenaphthene
Concen: 0.255 ng/ul
RT: 14.642 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BM040493.D
Acq: 01 Jul 2023 04:25

Tgt Ion:153 Resp: 13813
Ion Ratio Lower Upper
153 100
152 50.0 41.0 61.4
154 88.3 70.8 106.2

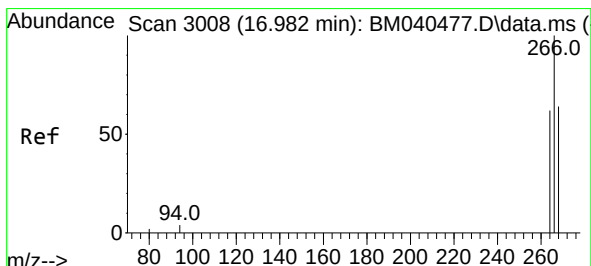
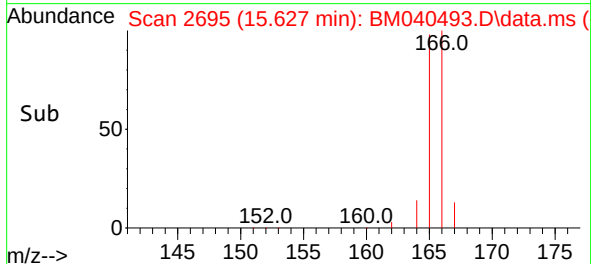
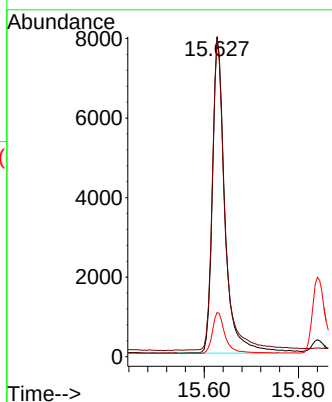
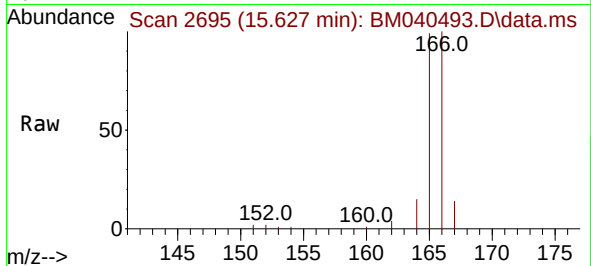




#12
 Fluorene
 Concen: 0.253 ng/ul
 RT: 15.627 min Scan# 2
 Delta R.T. -0.004 min
 Lab File: BM040493.D
 Acq: 01 Jul 2023 04:25

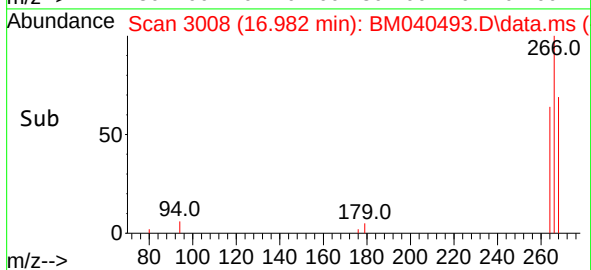
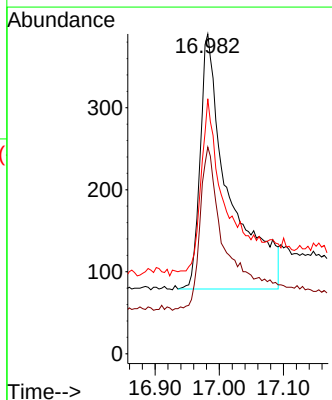
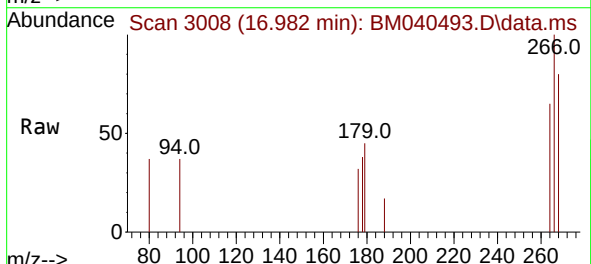
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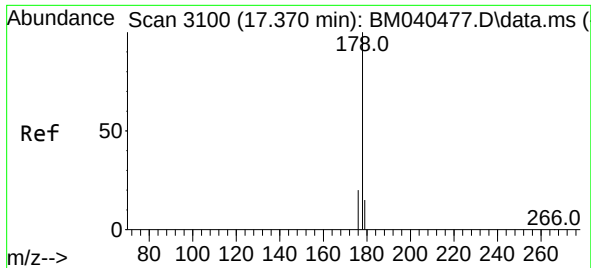
Tgt Ion:166	Resp:	14622
Ion Ratio	Lower	Upper
166	100	
165	99.2	79.6 119.4
167	13.8	11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.199 ng/ul
 RT: 16.982 min Scan# 3008
 Delta R.T. 0.000 min
 Lab File: BM040493.D
 Acq: 01 Jul 2023 04:25

Tgt Ion:266	Resp:	967
Ion Ratio	Lower	Upper
266	100	
264	63.3	45.4 68.0
268	62.6	47.2 70.8

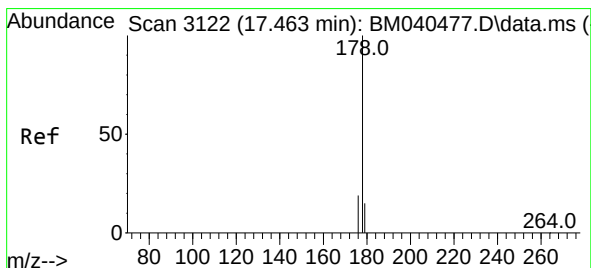
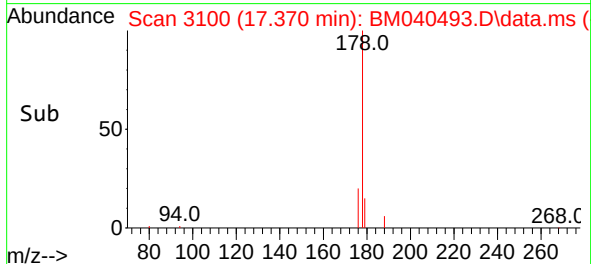
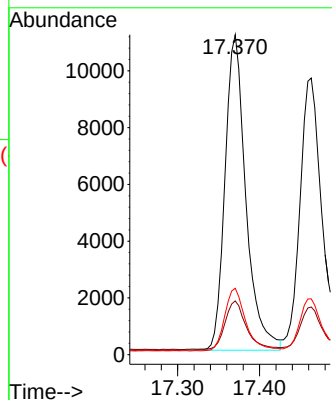
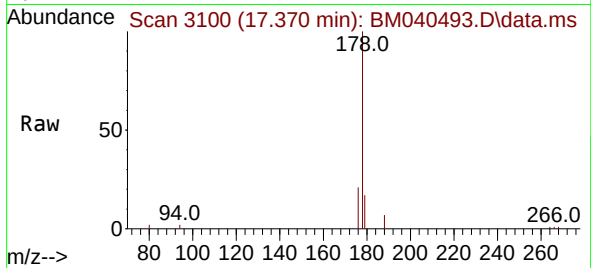




#15
Phenanthrene
Concen: 0.251 ng/u1
RT: 17.370 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM040493.D
Acq: 01 Jul 2023 04:25

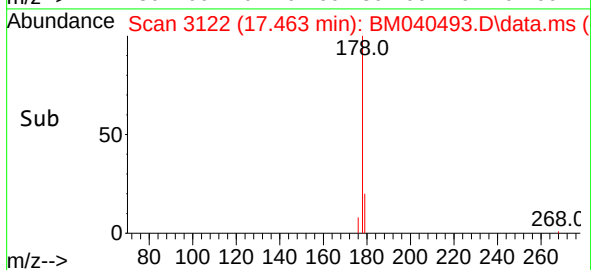
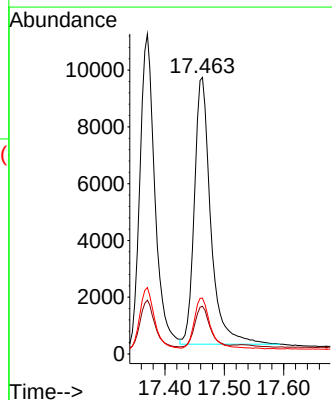
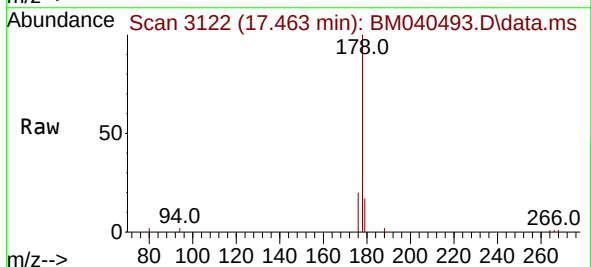
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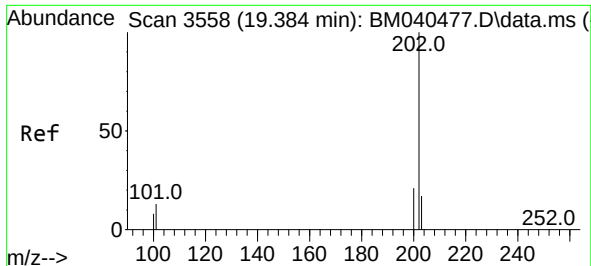
Tgt Ion:178 Resp: 19699
Ion Ratio Lower Upper
178 100
179 16.8 12.8 19.2
176 20.8 16.4 24.6



#16
Anthracene
Concen: 0.274 ng/u1
RT: 17.463 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BM040493.D
Acq: 01 Jul 2023 04:25

Tgt Ion:178 Resp: 18030
Ion Ratio Lower Upper
178 100
179 17.3 12.9 19.3
176 20.2 15.8 23.6

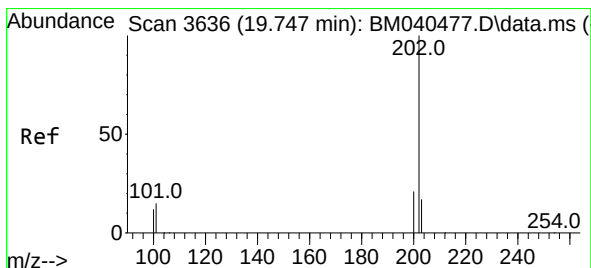
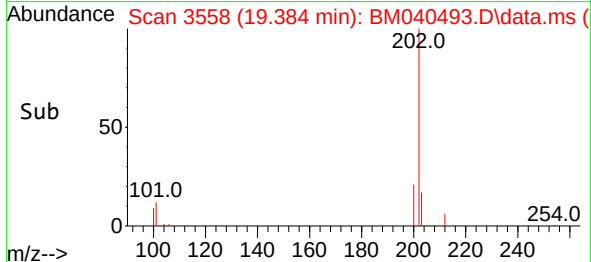
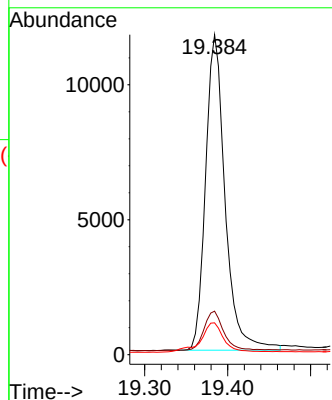
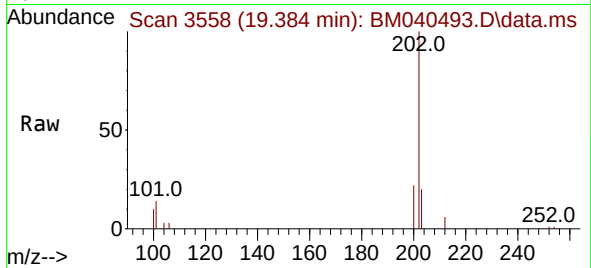




#19
Fluoranthene
Concen: 0.317 ng/ul
RT: 19.384 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BM040493.D
Acq: 01 Jul 2023 04:25

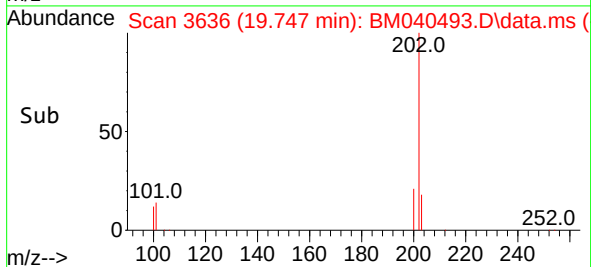
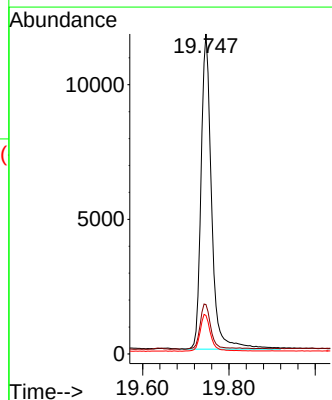
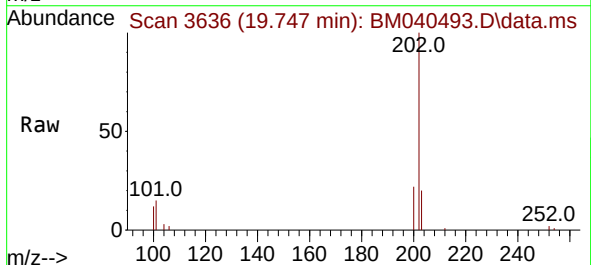
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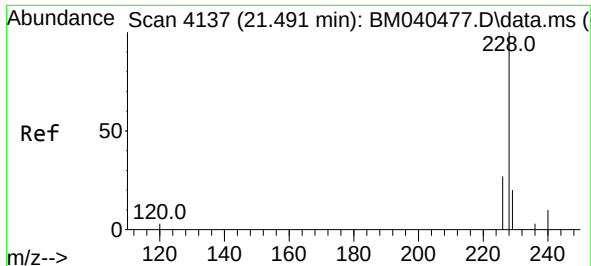
Tgt Ion:202 Resp: 19170
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 10.0 8.7 13.1



#20
Pyrene
Concen: 0.307 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM040493.D
Acq: 01 Jul 2023 04:25

Tgt Ion:202 Resp: 19911
Ion Ratio Lower Upper
202 100
101 15.5 12.6 18.8
100 12.1 9.8 14.6

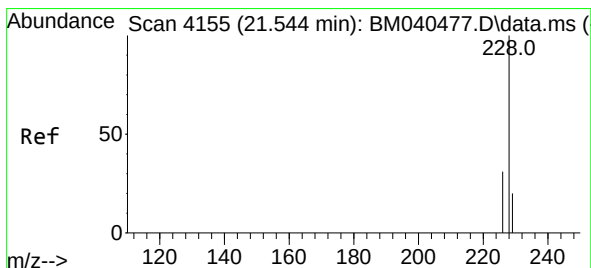
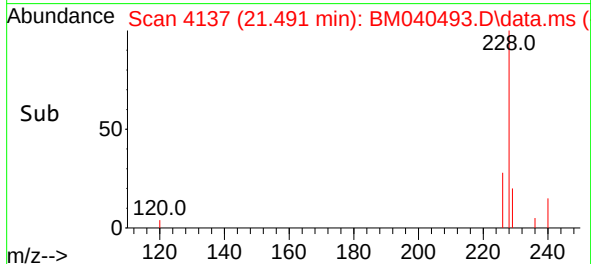
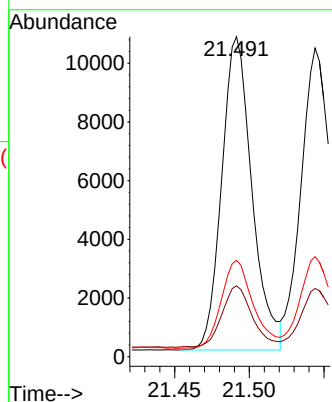
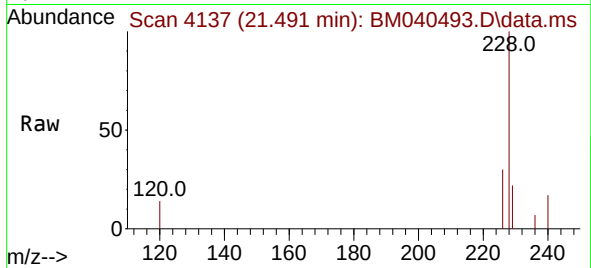




#21
Benzo(a)anthracene
Concen: 0.312 ng/ul
RT: 21.491 min Scan# 4137
Delta R.T. 0.000 min
Lab File: BM040493.D
Acq: 01 Jul 2023 04:25

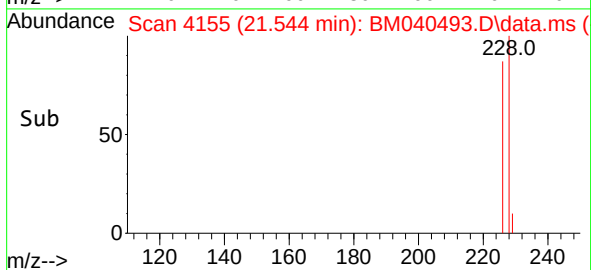
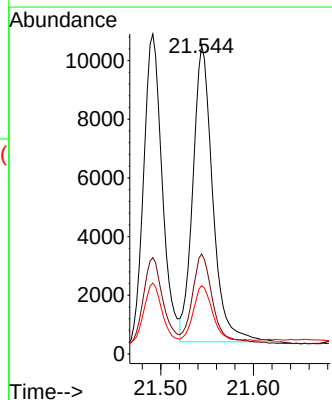
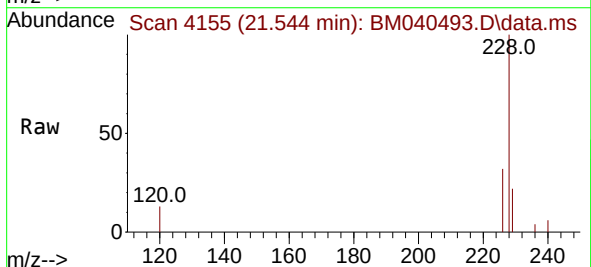
Instrument :
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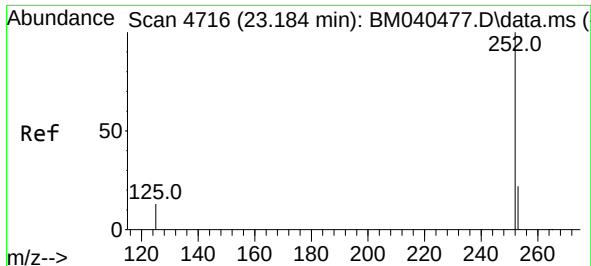
Tgt Ion:228 Resp: 15063
Ion Ratio Lower Upper
228 100
229 22.2 16.0 24.0
226 30.1 22.3 33.5



#22
Chrysene
Concen: 0.273 ng/ul
RT: 21.544 min Scan# 4155
Delta R.T. 0.000 min
Lab File: BM040493.D
Acq: 01 Jul 2023 04:25

Tgt Ion:228 Resp: 15035
Ion Ratio Lower Upper
228 100
226 32.4 24.9 37.3
229 22.1 15.8 23.6

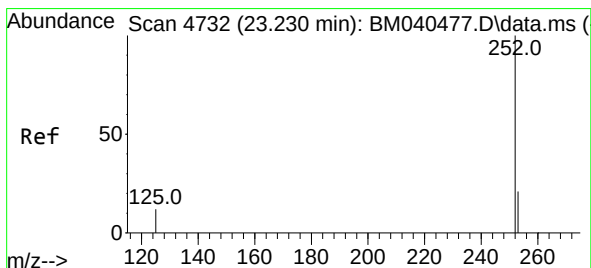
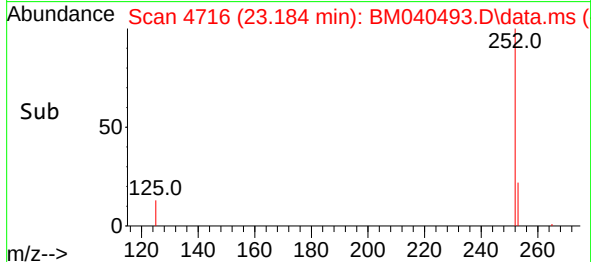
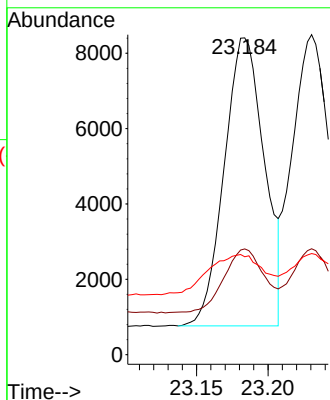
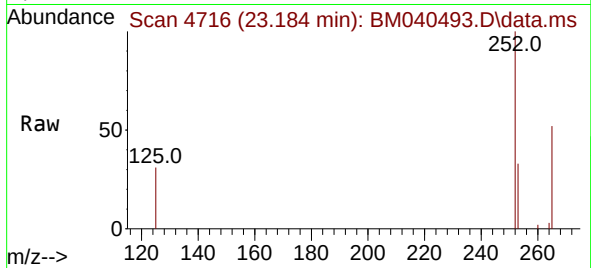




#24
Benzo(b)fluoranthene
Concen: 0.266 ng/ul
RT: 23.184 min Scan# 4716
Delta R.T. 0.003 min
Lab File: BM040493.D
Acq: 01 Jul 2023 04:25

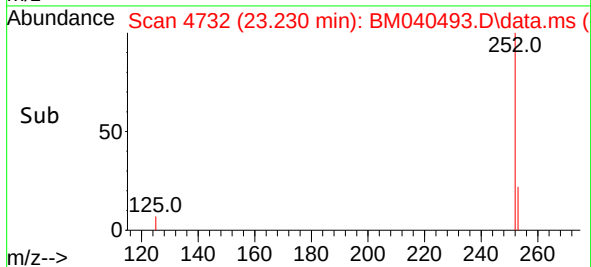
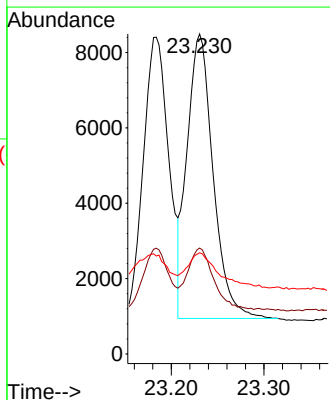
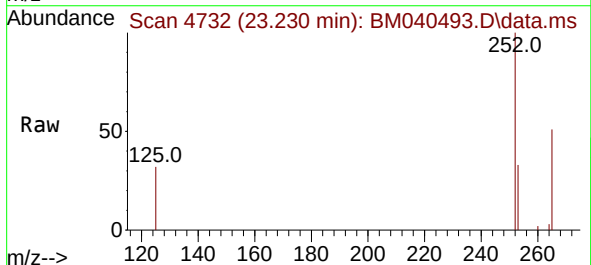
Instrument :
BNA_M
ClientSampleId :
SLCS636

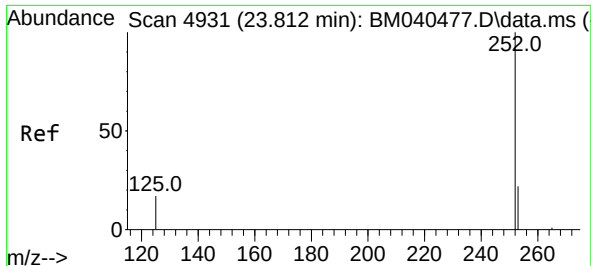
Tgt Ion:252 Resp: 14960
Ion Ratio Lower Upper
252 100
253 33.4 0.0 52.8
125 30.9 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.266 ng/ul
RT: 23.230 min Scan# 4732
Delta R.T. 0.003 min
Lab File: BM040493.D
Acq: 01 Jul 2023 04:25

Tgt Ion:252 Resp: 14783
Ion Ratio Lower Upper
252 100
253 33.1 21.2 31.8#
125 31.6 16.4 24.6#

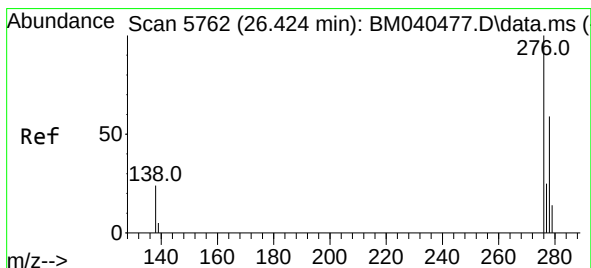
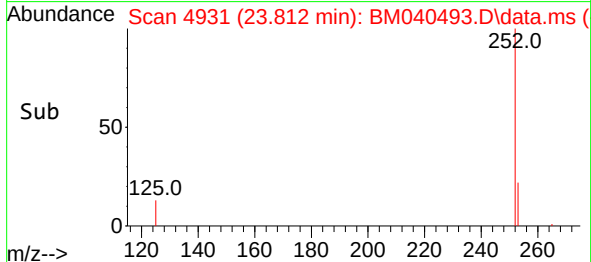
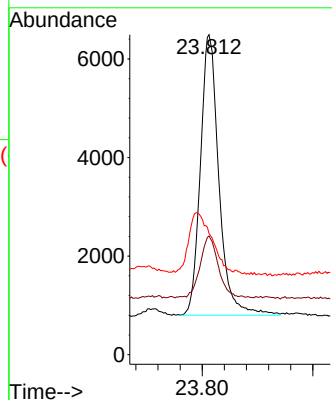
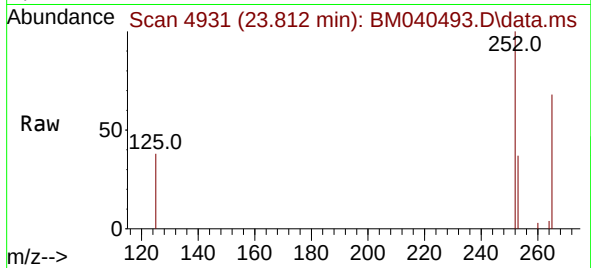




#26
Benzo(a)pyrene
Concen: 0.260 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. 0.000 min
Lab File: BM040493.D
Acq: 01 Jul 2023 04:25

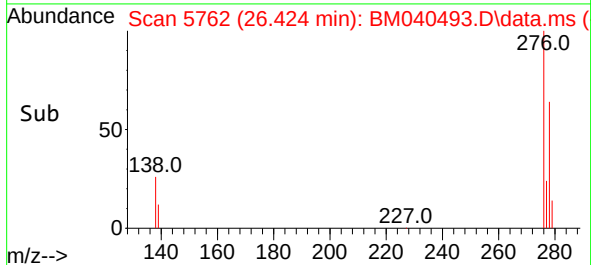
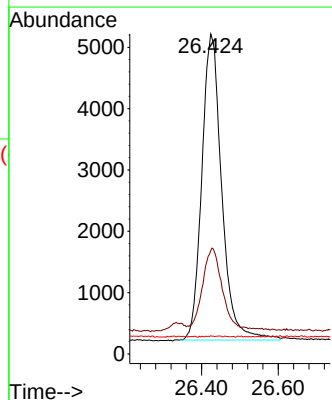
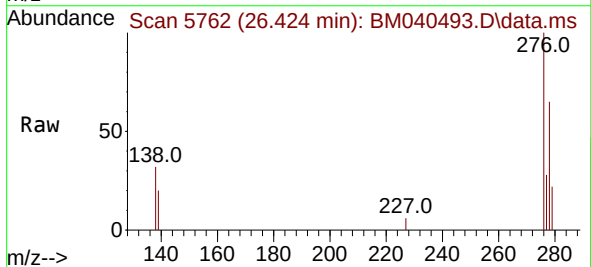
Instrument :
BNA_M
ClientSampleId :
SLCS636

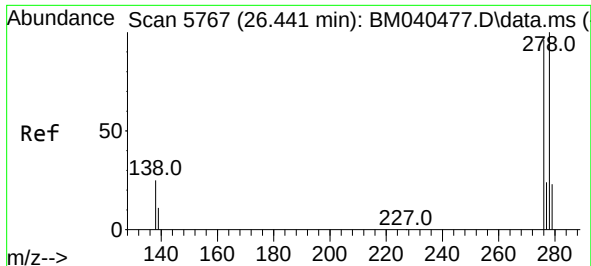
Tgt Ion:252 Resp: 13203
Ion Ratio Lower Upper
252 100
253 37.1 22.9 34.3#
125 37.9 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.255 ng/ul
RT: 26.424 min Scan# 5762
Delta R.T. 0.004 min
Lab File: BM040493.D
Acq: 01 Jul 2023 04:25

Tgt Ion:276 Resp: 18036
Ion Ratio Lower Upper
276 100
138 27.0 24.5 36.7
227 0.1 0.1 0.1

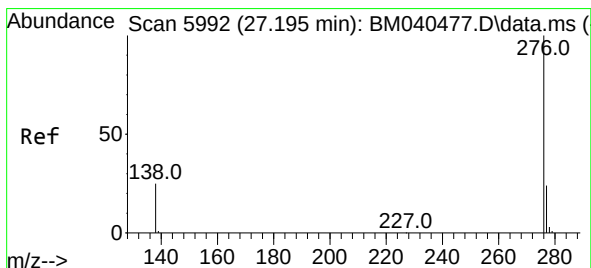
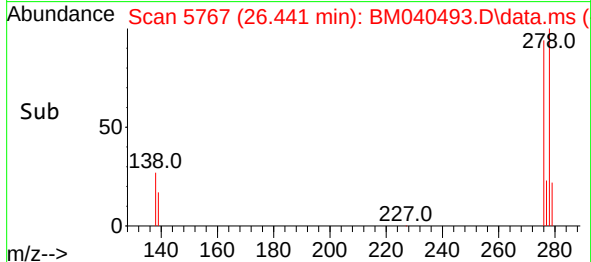
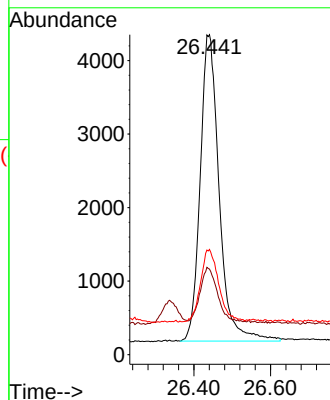
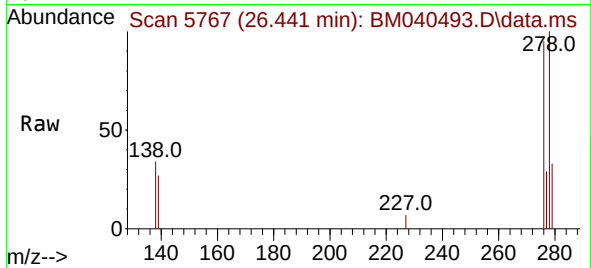




#28
 Dibenzo(a,h)anthracene
 Concen: 0.260 ng/ul
 RT: 26.441 min Scan# 51
 Delta R.T. 0.004 min
 Lab File: BM040493.D
 Acq: 01 Jul 2023 04:25

Instrument :
 BNA_M
 ClientSampleId :
 SLCS636

Tgt Ion:	278	Resp:	14353
Ion	Ratio	Lower	Upper
278	100		
139	26.7	17.9	26.9
279	32.9	22.0	33.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.243 ng/ul
 RT: 27.192 min Scan# 5991
 Delta R.T. 0.007 min
 Lab File: BM040493.D
 Acq: 01 Jul 2023 04:25

Tgt Ion:	276	Resp:	15037
Ion	Ratio	Lower	Upper
276	100		
138	31.9	23.0	34.6
277	28.8	20.3	30.5

