

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037628.D
 Acq On : 22 Nov 2022 02:00
 Operator : CG/JU
 Sample : PB149198BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS198

Quant Time: Nov 22 03:49:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 22:36:32 2022
 Response via : Initial Calibration

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

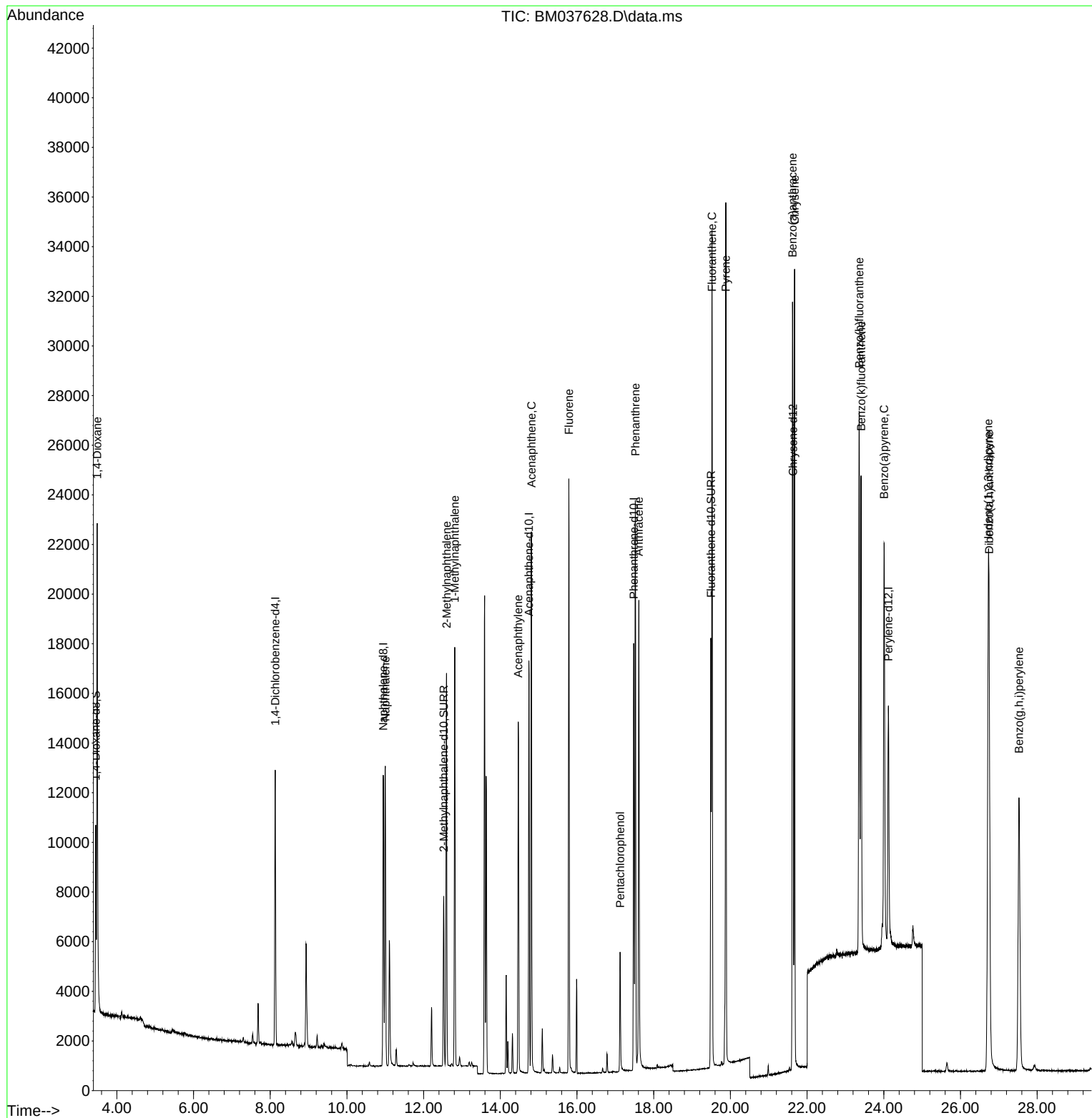
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	5519	0.400	ng/ul	0.00
4) Naphthalene-d8	10.946	136	15207	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.746	164	8815	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.478	188	20075	0.400	ng/ul	0.00
17) Chrysene-d12	21.634	240	14626	0.400	ng/ul	# 0.00
23) Perylene-d12	24.121	264	13707	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	4687	0.730	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.524	152	8353	0.331	ng/ul	0.00
18) Fluoranthene-d10	19.493	212	17863	0.370	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.488	88	13192	1.975	ng/ul#	50
5) Naphthalene	11.001	128	16356	0.354	ng/ul	98
7) 2-Methylnaphthalene	12.596	142	10545	0.336	ng/ul	100
8) 1-Methylnaphthalene	12.810	142	10916	0.339	ng/ul	99
10) Acenaphthylene	14.468	152	15791	0.323	ng/ul	100
11) Acenaphthene	14.811	153	12213	0.357	ng/ul	98
12) Fluorene	15.787	166	14441	0.351	ng/ul	99
14) Pentachlorophenol	17.123	266	3304	0.734	ng/ul	100
15) Phenanthrene	17.520	178	24312	0.354	ng/ul	99
16) Anthracene	17.613	178	21278	0.321	ng/ul	99
19) Fluoranthene	19.521	202	28203	0.400	ng/ul	96
20) Pyrene	19.879	202	28628	0.390	ng/ul	96
21) Benzo(a)anthracene	21.619	228	24167	0.370	ng/ul	99
22) Chrysene	21.672	228	26743	0.412	ng/ul	99
24) Benzo(b)fluoranthene	23.358	252	28451	0.455	ng/ul	92
25) Benzo(k)fluoranthene	23.408	252	25958	0.411	ng/ul#	93
26) Benzo(a)pyrene	24.007	252	25603	0.471	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.725	276	29030	0.403	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.745	278	23121	0.409	ng/ul	96
29) Benzo(g,h,i)perylene	27.526	276	24800	0.406	ng/ul	96

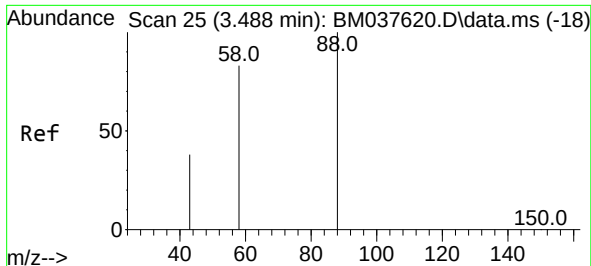
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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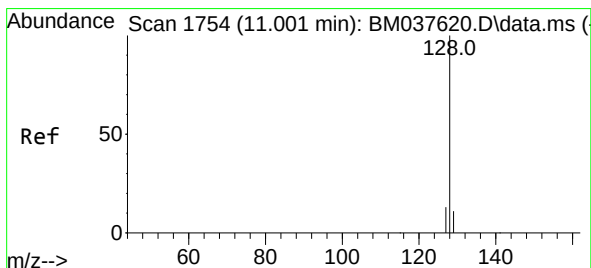
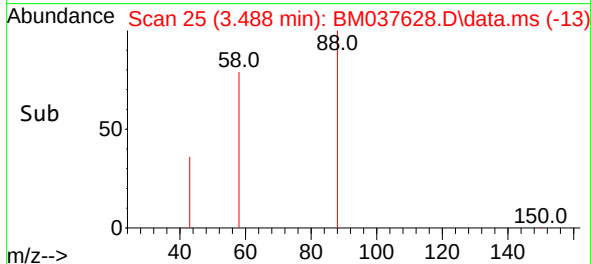
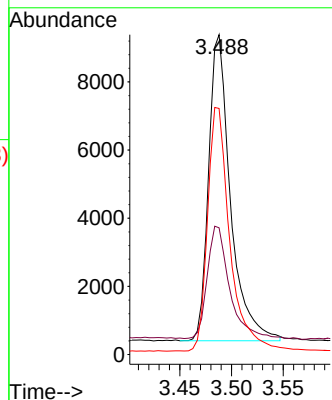
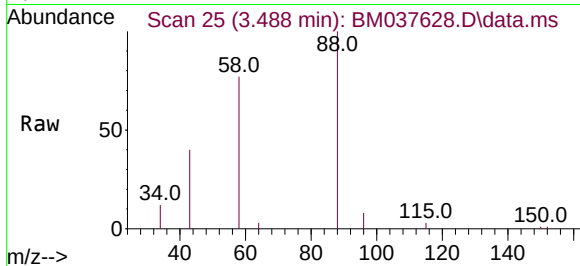




#2
1,4-Dioxane
Concen: 1.975 ng/ul
RT: 3.488 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037628.D
Acq: 22 Nov 2022 02:00

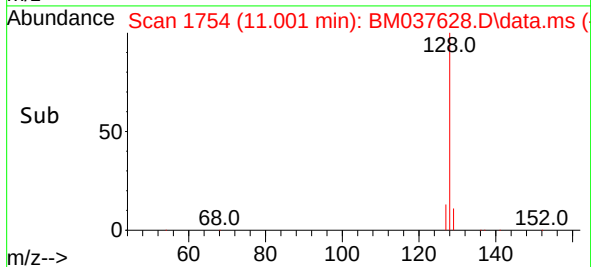
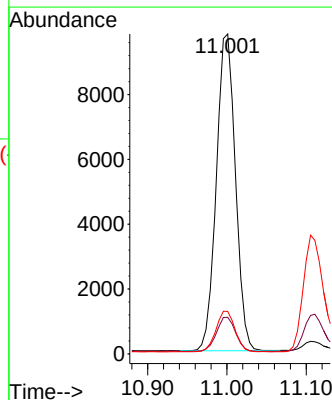
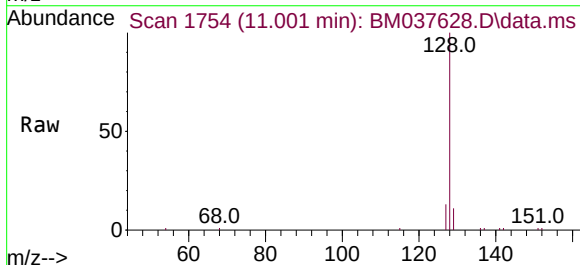
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SLCS198

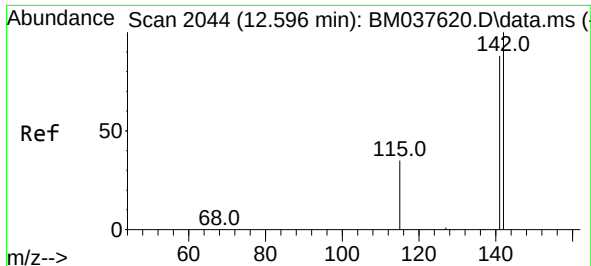
Tgt Ion: 88 Resp: 13192
Ion Ratio Lower Upper
88 100
43 39.6 102.8 154.2#
58 76.9 67.3 100.9



#5
Naphthalene
Concen: 0.354 ng/ul
RT: 11.001 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BM037628.D
Acq: 22 Nov 2022 02:00

Tgt Ion:128 Resp: 16356
Ion Ratio Lower Upper
128 100
129 11.4 9.8 14.8
127 13.3 11.0 16.4

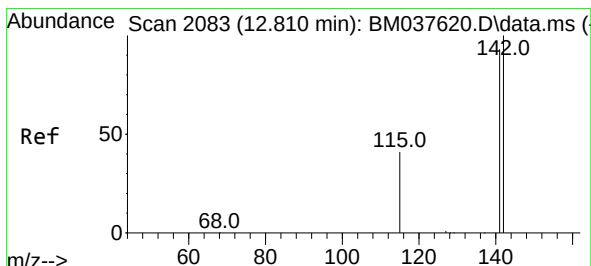
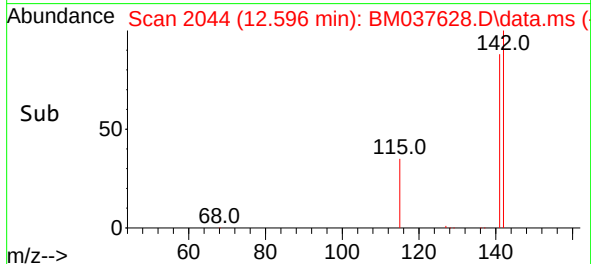
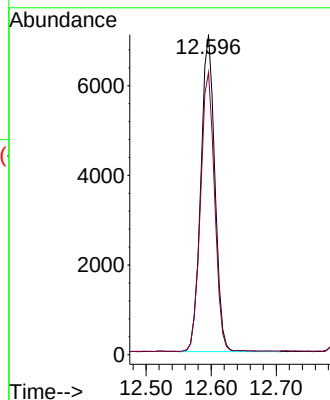
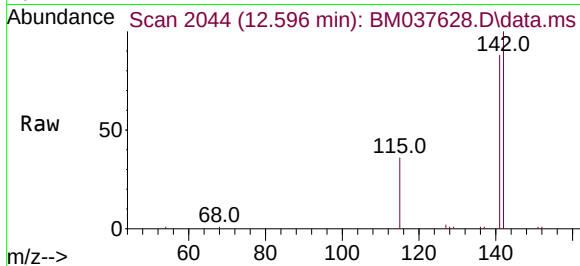




#7
2-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.596 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BM037628.D
Acq: 22 Nov 2022 02:00

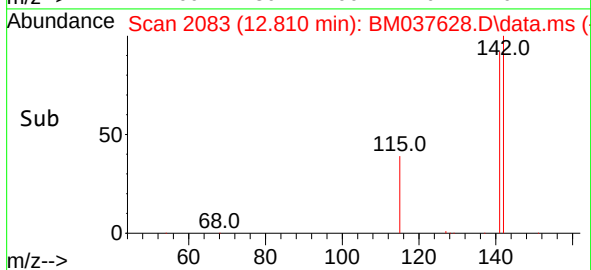
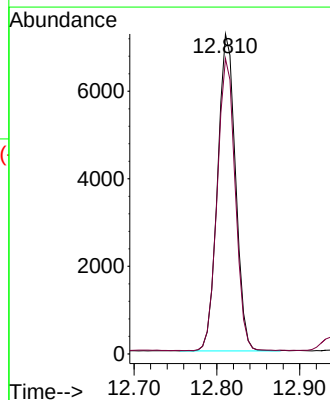
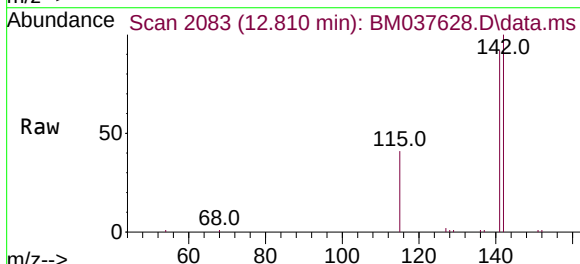
Instrument :
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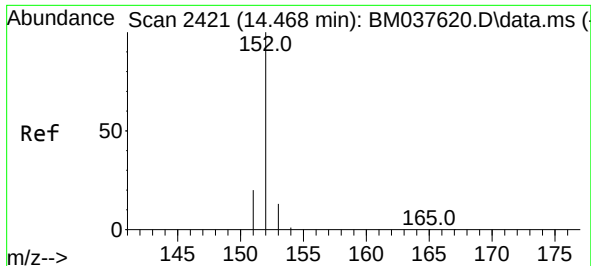
Tgt Ion:142 Resp: 10545
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.810 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM037628.D
Acq: 22 Nov 2022 02:00

Tgt Ion:142 Resp: 10916
Ion Ratio Lower Upper
142 100
141 92.5 73.4 110.0

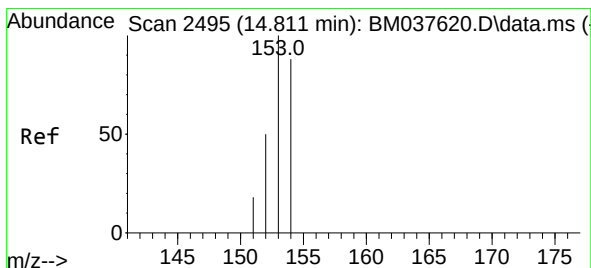
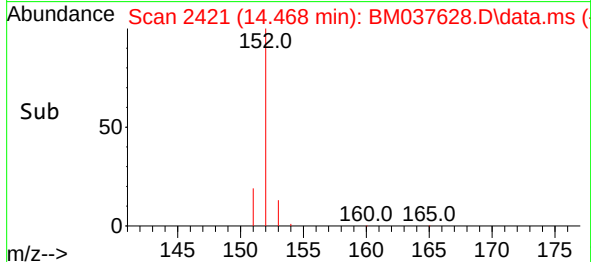
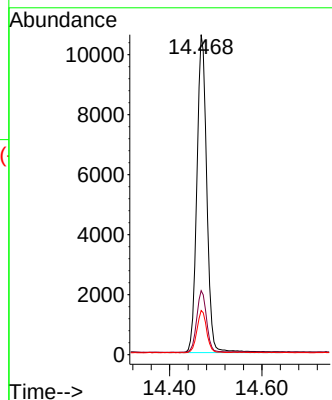
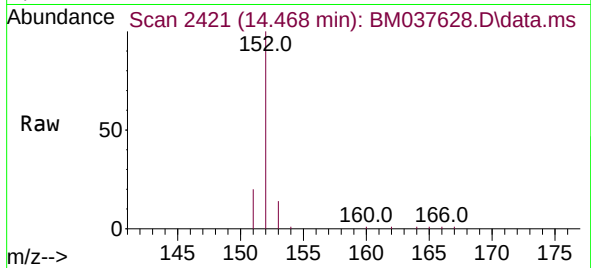




#10
Acenaphthylene
Concen: 0.323 ng/ul
RT: 14.468 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BM037628.D
Acq: 22 Nov 2022 02:00

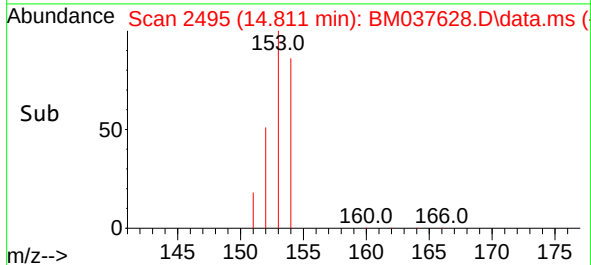
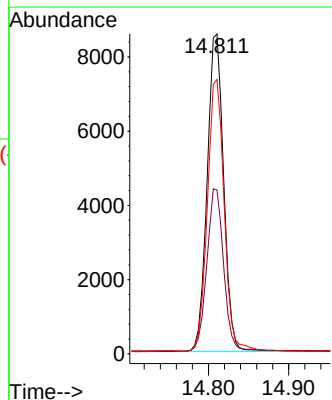
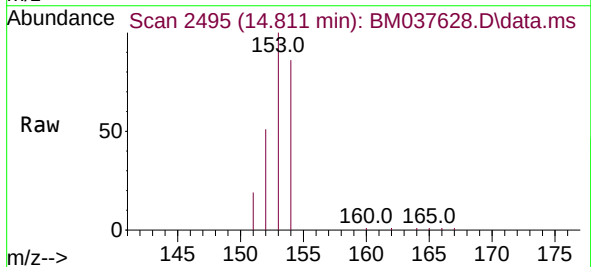
Instrument :
BNA_M
ClientSampleId :
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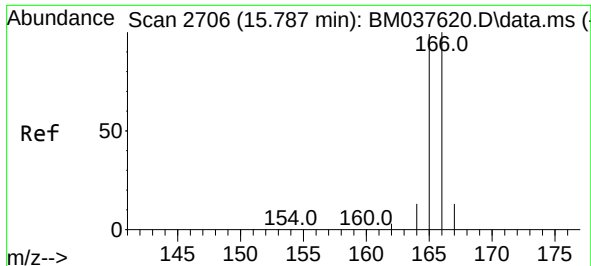
Tgt Ion:152 Resp: 15791
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.8 11.0 16.4



#11
Acenaphthene
Concen: 0.357 ng/ul
RT: 14.811 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BM037628.D
Acq: 22 Nov 2022 02:00

Tgt Ion:153 Resp: 12213
Ion Ratio Lower Upper
153 100
152 51.2 39.4 59.0
154 85.7 69.5 104.3

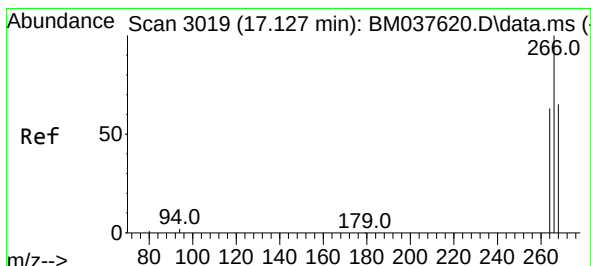
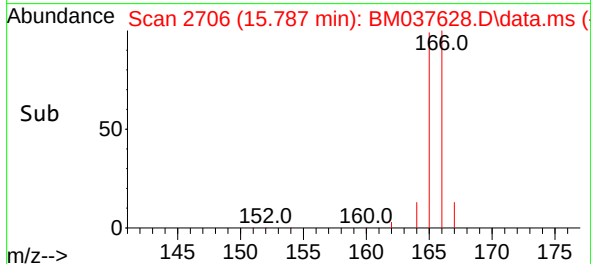
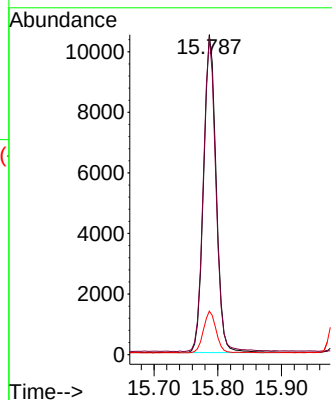
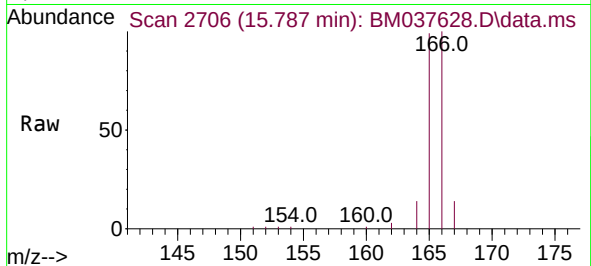




#12
Fluorene
Concen: 0.351 ng/ul
RT: 15.787 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037628.D
Acq: 22 Nov 2022 02:00

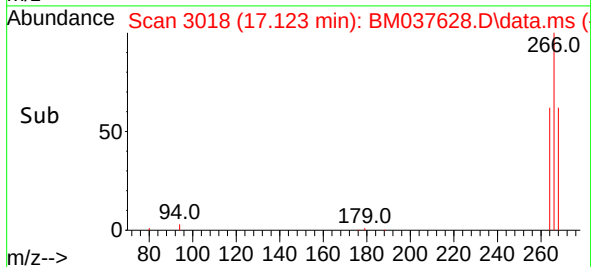
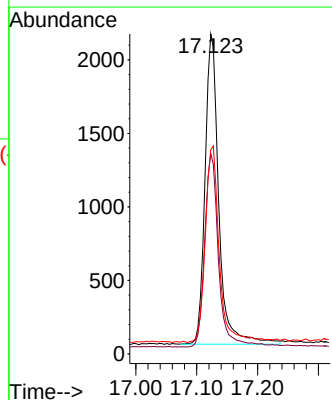
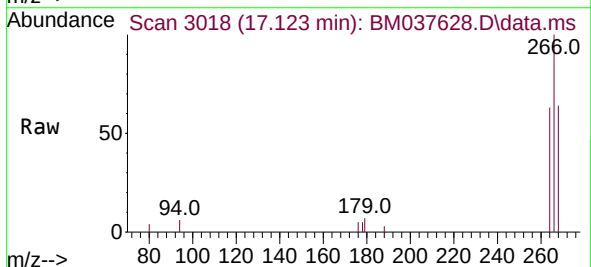
Instrument :
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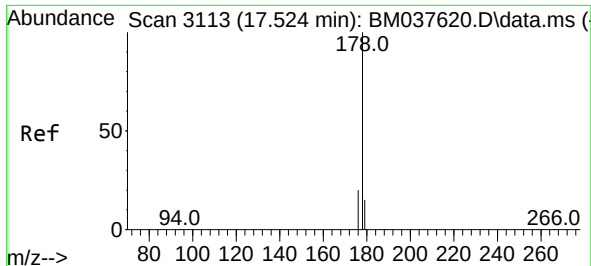
Tgt Ion:166 Resp: 14441
Ion Ratio Lower Upper
166 100
165 99.2 78.7 118.1
167 13.6 11.3 16.9



#14
Pentachlorophenol
Concen: 0.734 ng/ul
RT: 17.123 min Scan# 3018
Delta R.T. -0.004 min
Lab File: BM037628.D
Acq: 22 Nov 2022 02:00

Tgt Ion:266 Resp: 3304
Ion Ratio Lower Upper
266 100
264 62.8 50.2 75.2
268 65.3 52.0 78.0

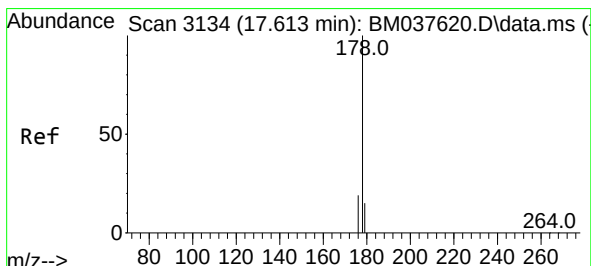
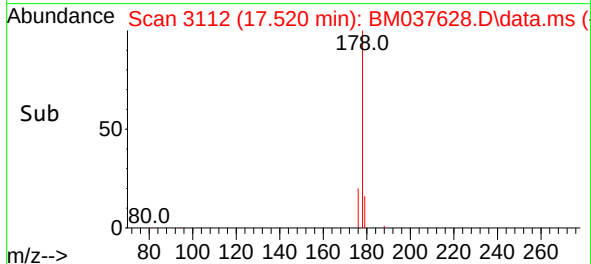
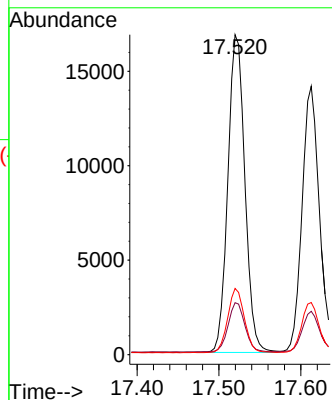
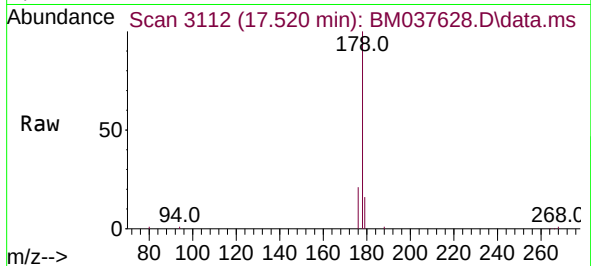




#15
Phenanthrene
Concen: 0.354 ng/ul
RT: 17.520 min Scan# 3113
Delta R.T. -0.004 min
Lab File: BM037628.D
Acq: 22 Nov 2022 02:00

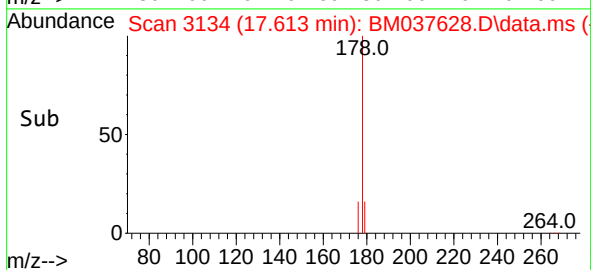
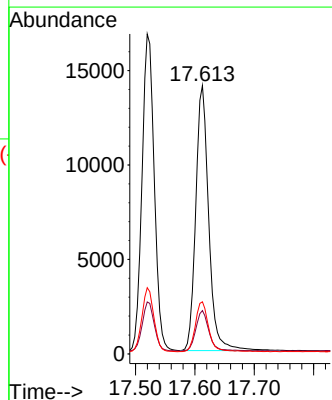
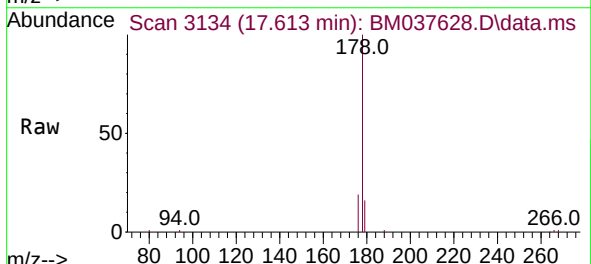
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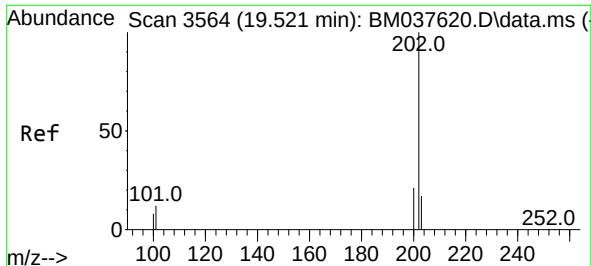
Tgt Ion:178 Resp: 24312
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 20.7 16.0 24.0



#16
Anthracene
Concen: 0.321 ng/ul
RT: 17.613 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BM037628.D
Acq: 22 Nov 2022 02:00

Tgt Ion:178 Resp: 21278
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 19.4 15.0 22.6

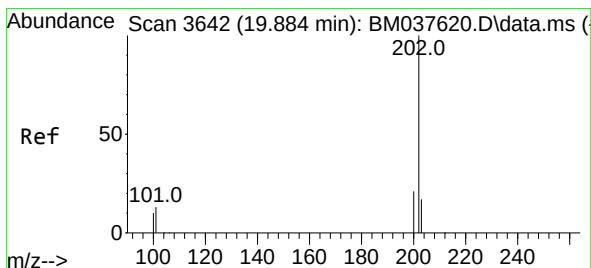
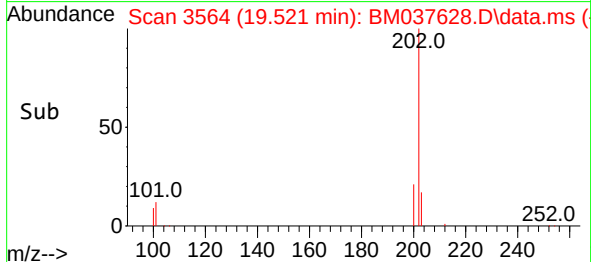
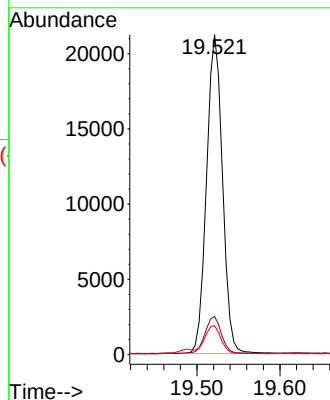
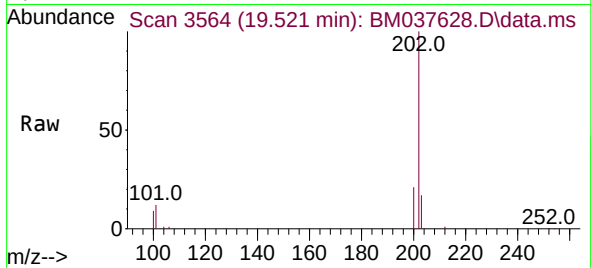




#19
Fluoranthene
Concen: 0.400 ng/ul
RT: 19.521 min Scan# 3564
Delta R.T. -0.000 min
Lab File: BM037628.D
Acq: 22 Nov 2022 02:00

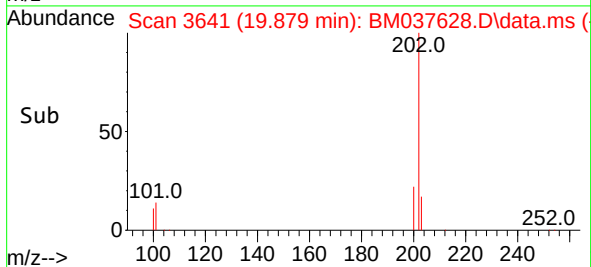
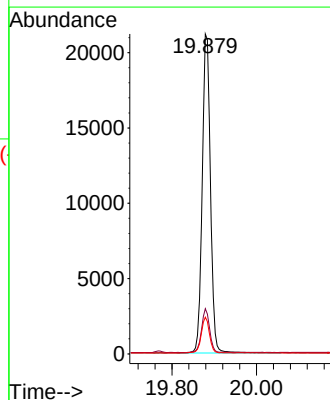
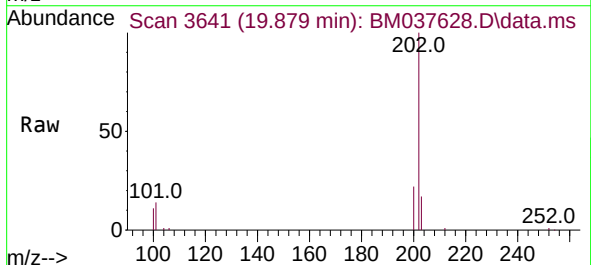
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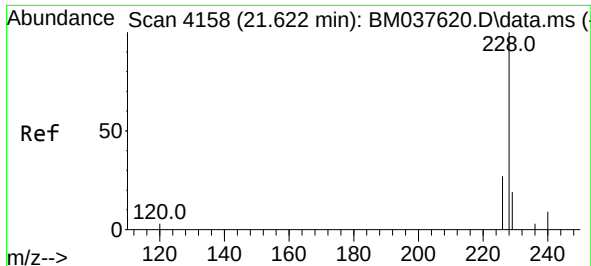
Tgt Ion:202 Resp: 28203
Ion Ratio Lower Upper
202 100
101 11.9 8.2 12.2
100 9.0 6.1 9.1



#20
Pyrene
Concen: 0.390 ng/ul
RT: 19.879 min Scan# 3641
Delta R.T. -0.005 min
Lab File: BM037628.D
Acq: 22 Nov 2022 02:00

Tgt Ion:202 Resp: 28628
Ion Ratio Lower Upper
202 100
101 14.1 10.1 15.1
100 11.5 8.0 12.0

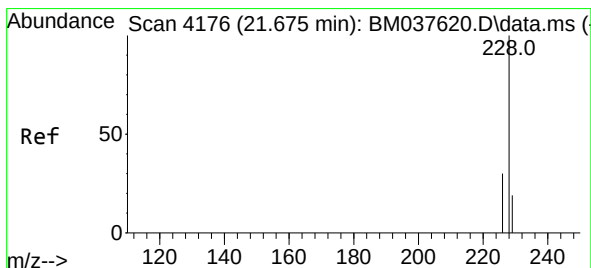
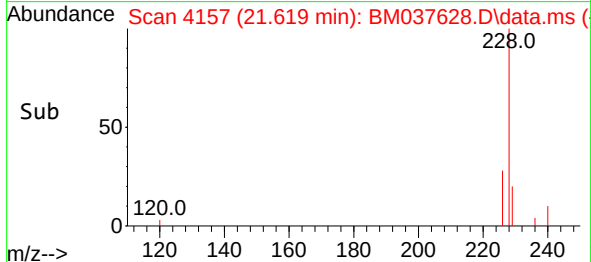
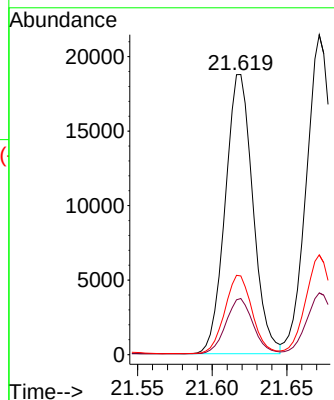
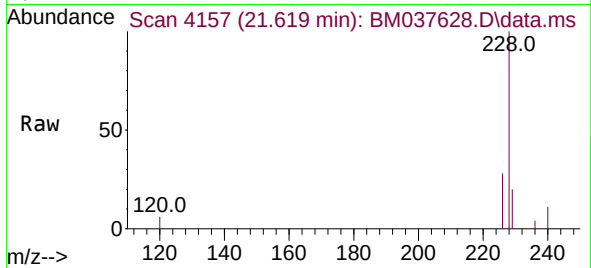




#21
Benzo(a)anthracene
Concen: 0.370 ng/ul
RT: 21.619 min Scan# 4158
Delta R.T. -0.003 min
Lab File: BM037628.D
Acq: 22 Nov 2022 02:00

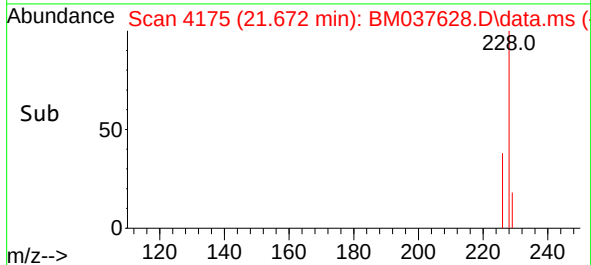
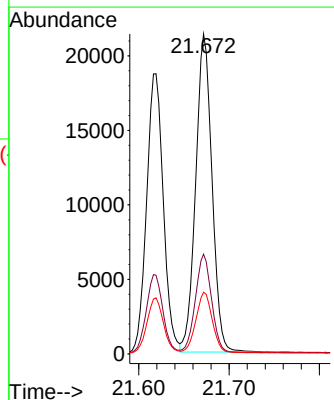
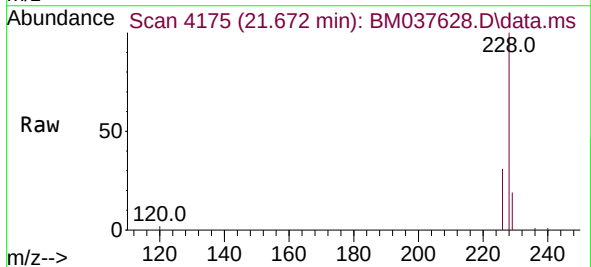
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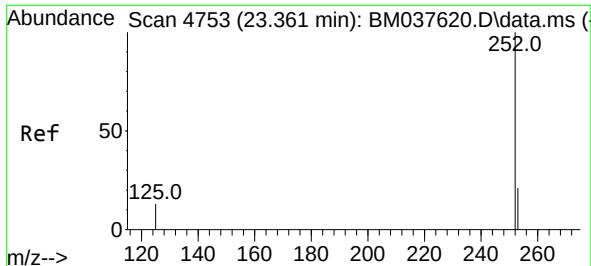
Tgt Ion:228 Resp: 24167
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 28.1 22.2 33.2



#22
Chrysene
Concen: 0.412 ng/ul
RT: 21.672 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BM037628.D
Acq: 22 Nov 2022 02:00

Tgt Ion:228 Resp: 26743
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 19.3 15.5 23.3

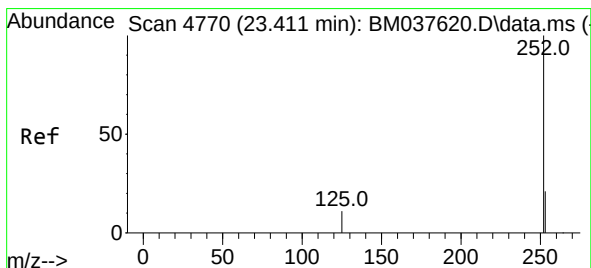
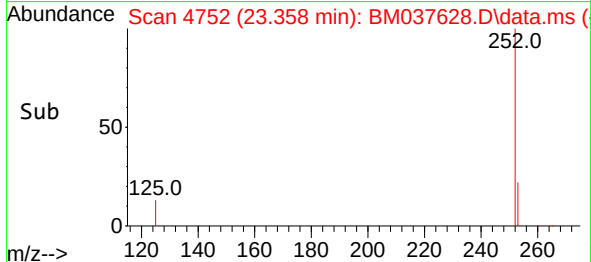
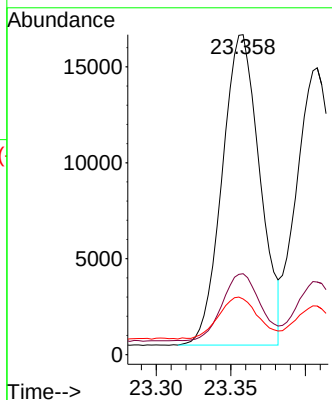
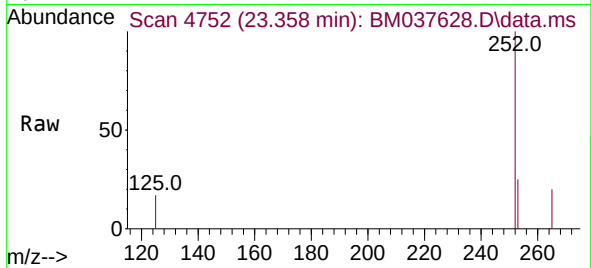




#24
Benzo(b)fluoranthene
Concen: 0.455 ng/ul
RT: 23.358 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BM037628.D
Acq: 22 Nov 2022 02:00

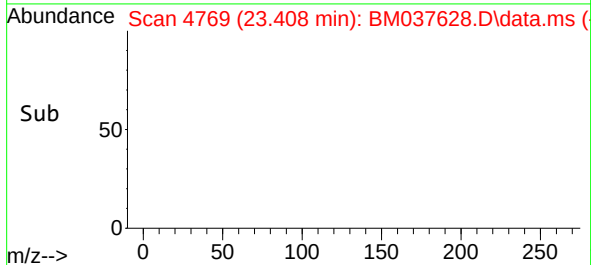
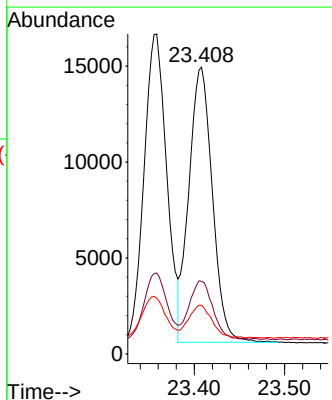
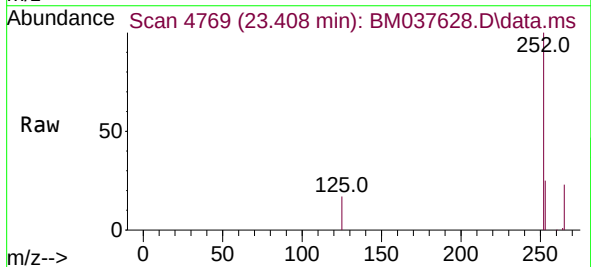
Instrument :
BNA_M
ClientSampleId :
SLCS198

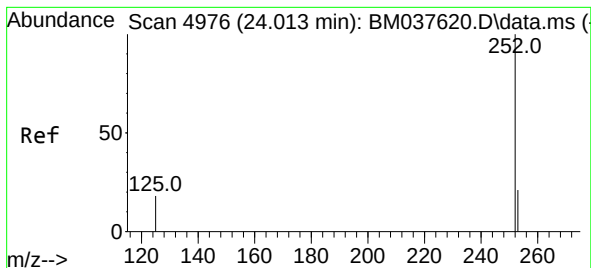
Tgt Ion:252 Resp: 28451
Ion Ratio Lower Upper
252 100
253 25.3 0.0 46.2
125 17.4 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.411 ng/ul
RT: 23.408 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM037628.D
Acq: 22 Nov 2022 02:00

Tgt Ion:252 Resp: 25958
Ion Ratio Lower Upper
252 100
253 25.3 18.8 28.2
125 16.9 9.8 14.6#





#26

Benzo(a)pyrene

Concen: 0.471 ng/ul

RT: 24.007 min Scan# 4976

Delta R.T. -0.006 min

Lab File: BM037628.D

Acq: 22 Nov 2022 02:00

Instrument :

BNA_M

ClientSampleId :

SLCS198

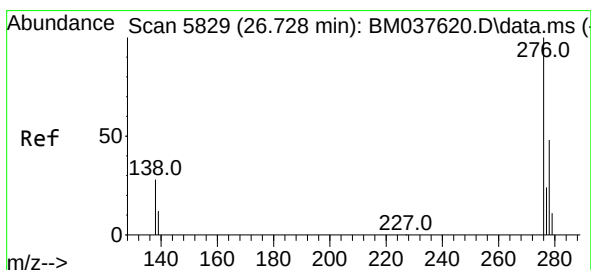
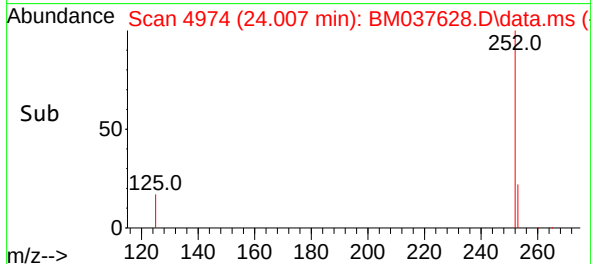
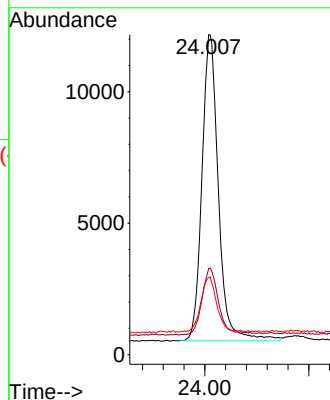
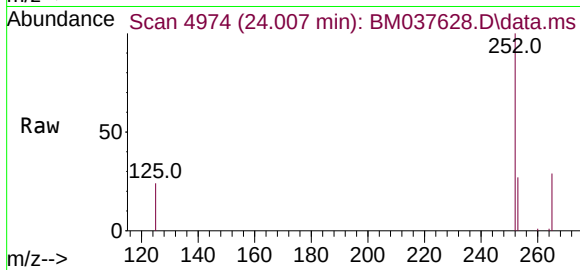
Tgt Ion:252 Resp: 25603

Ion Ratio Lower Upper

252 100

253 26.9 18.8 28.2

125 24.0 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.403 ng/ul

RT: 26.725 min Scan# 5828

Delta R.T. -0.003 min

Lab File: BM037628.D

Acq: 22 Nov 2022 02:00

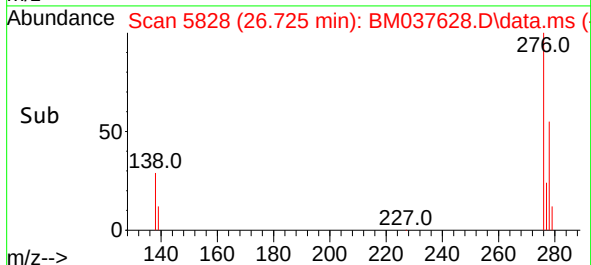
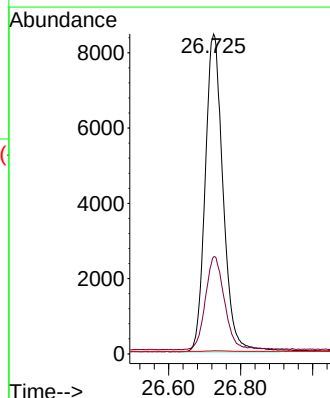
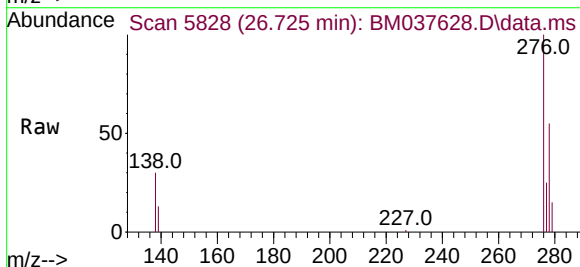
Tgt Ion:276 Resp: 29030

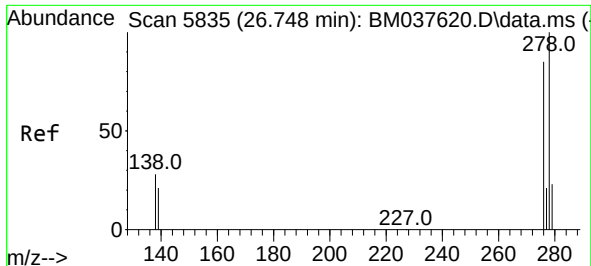
Ion Ratio Lower Upper

276 100

138 31.4 21.2 31.8

227 0.2 0.1 0.1#

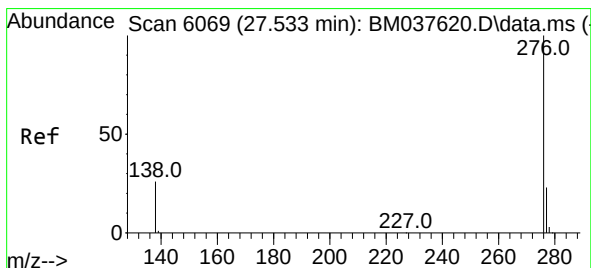
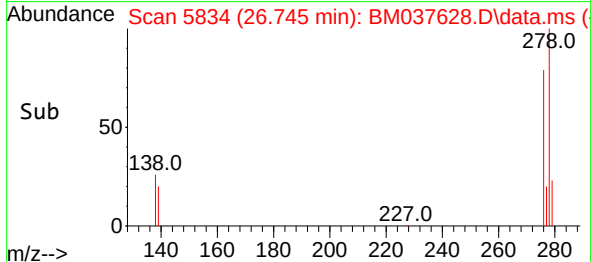
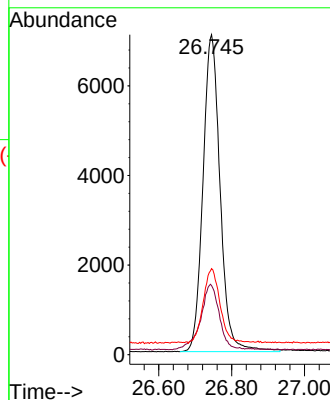
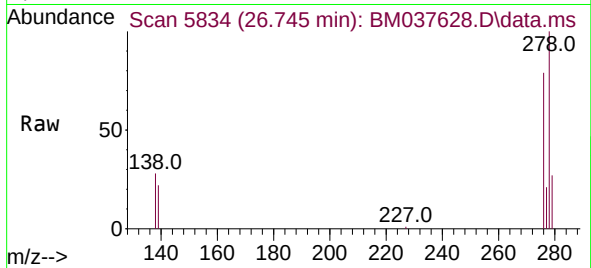




#28
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 26.745 min Scan# 5835
Delta R.T. -0.003 min
Lab File: BM037628.D
Acq: 22 Nov 2022 02:00

Instrument :
BNA_M
ClientSampleId :
SLCS198

Tgt Ion:278 Resp: 23121
Ion Ratio Lower Upper
278 100
139 21.6 15.2 22.8
279 26.9 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.406 ng/ul
RT: 27.526 min Scan# 6067
Delta R.T. -0.007 min
Lab File: BM037628.D
Acq: 22 Nov 2022 02:00

Tgt Ion:276 Resp: 24800
Ion Ratio Lower Upper
276 100
138 27.1 19.0 28.4
277 23.9 19.4 29.2

