

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032224\
 Data File : BM044728.D
 Acq On : 22 Mar 2024 09:08
 Operator : MA/JU
 Sample : PB159722BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS722

Quant Time: Mar 22 10:44:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM031124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 10:51:03 2024
 Response via : Initial Calibration

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

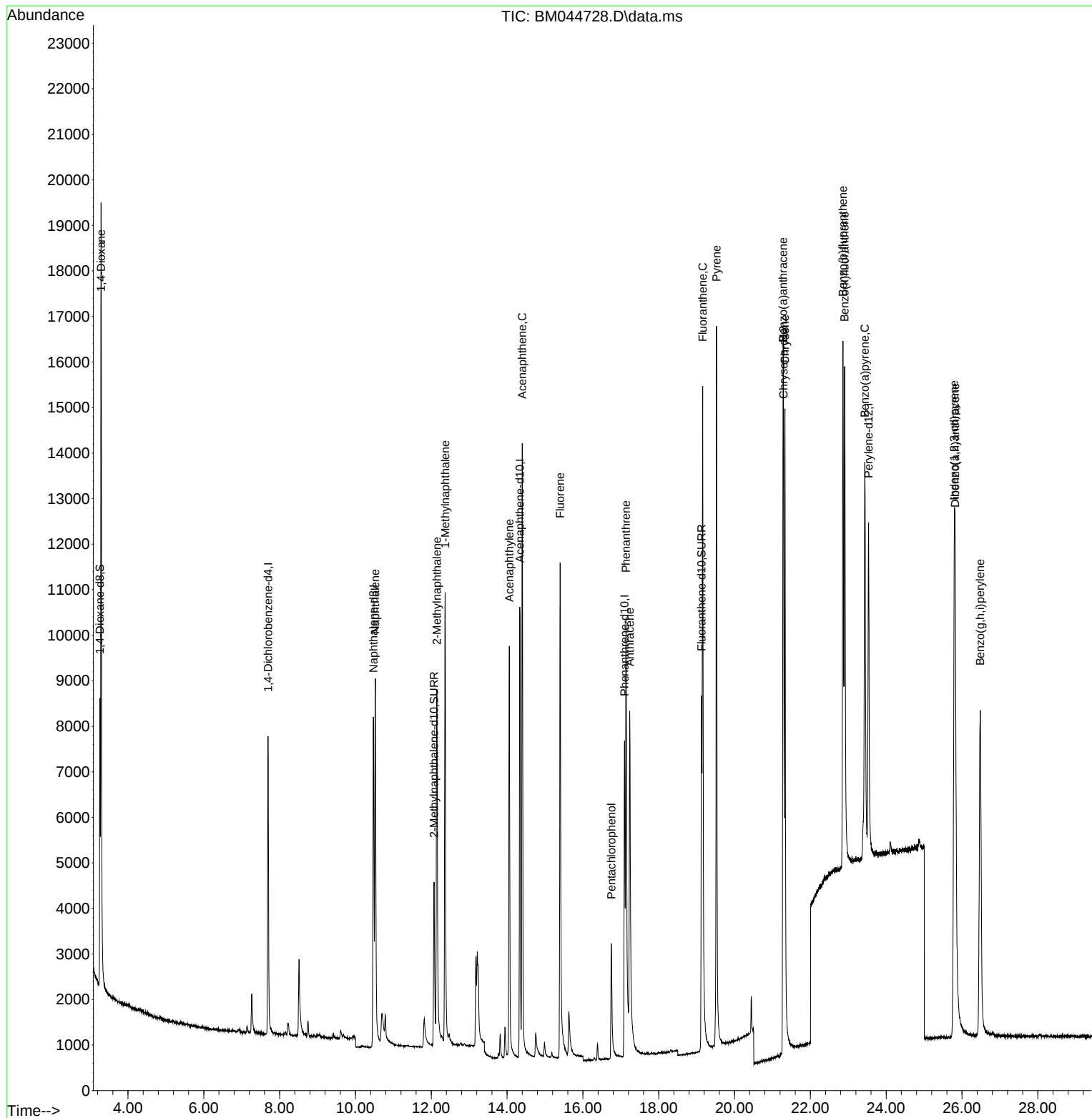
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.694	152	3862	0.400	ng/ul	0.00
4) Naphthalene-d8	10.474	136	12103	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.335	164	5902	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.098	188	11444	0.400	ng/ul	0.00
17) Chrysene-d12	21.293	240	9078	0.400	ng/ul	0.00
23) Perylene-d12	23.534	264	10839	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	3933	0.777	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	6555	0.377	ng/ul	0.00
18) Fluoranthene-d10	19.127	212	11083	0.348	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.289	88	10940	2.115	ng/ul#	65
5) Naphthalene	10.523	128	13208	0.388	ng/ul	98
7) 2-Methylnaphthalene	12.145	142	7771	0.361	ng/ul	98
8) 1-Methylnaphthalene	12.365	142	8022	0.369	ng/ul	100
10) Acenaphthylene	14.057	152	12213	0.407	ng/ul	98
11) Acenaphthene	14.399	153	8558	0.395	ng/ul	99
12) Fluorene	15.399	166	9161	0.370	ng/ul	99
14) Pentachlorophenol	16.752	266	2706	0.980	ng/ul	99
15) Phenanthrene	17.136	178	12982	0.378	ng/ul	98
16) Anthracene	17.233	178	14073	0.436	ng/ul	97
19) Fluoranthene	19.159	202	15028	0.338	ng/ul	96
20) Pyrene	19.522	202	15836	0.348	ng/ul	96
21) Benzo(a)anthracene	21.278	228	13662	0.395	ng/ul	98
22) Chrysene	21.331	228	15715	0.405	ng/ul	99
24) Benzo(b)fluoranthene	22.859	252	15306	0.370	ng/ul	91
25) Benzo(k)fluoranthene	22.903	252	17629	0.393	ng/ul#	92
26) Benzo(a)pyrene	23.435	252	15338	0.408	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.793	276	20021	0.463	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.820	278	15798	0.474	ng/ul	96
29) Benzo(g,h,i)perylene	26.481	276	17090	0.450	ng/ul	97

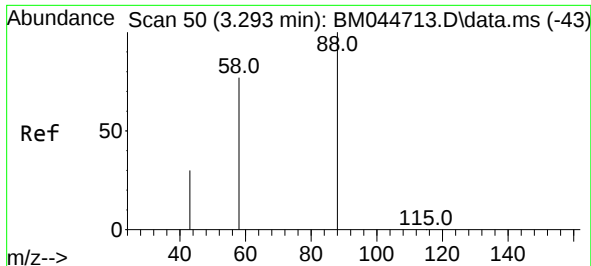
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 20 10:51:03 2024
Response via : Initial Calibration

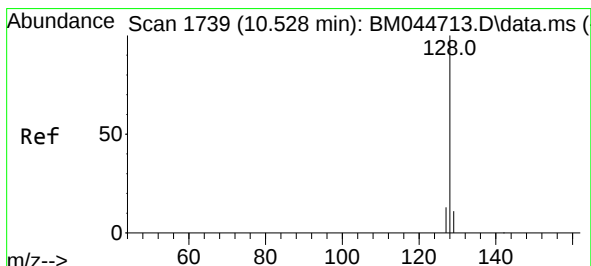
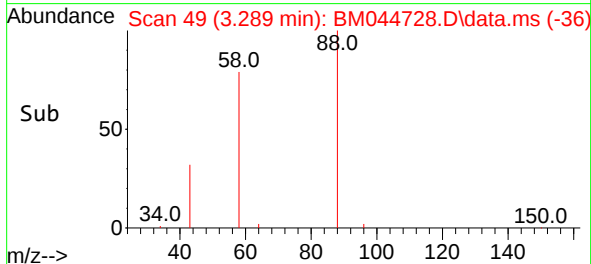
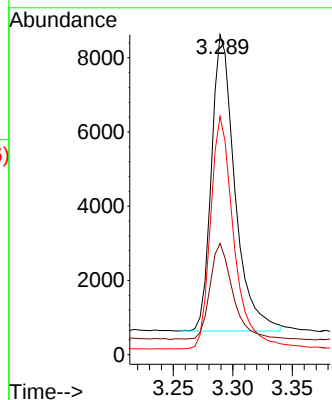
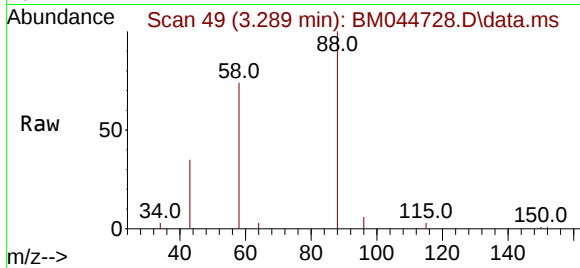




#2
 1,4-Dioxane
 Concen: 2.115 ng/ul
 RT: 3.289 min Scan# 49
 Delta R.T. -0.004 min
 Lab File: BM044728.D
 Acq: 22 Mar 2024 09:08

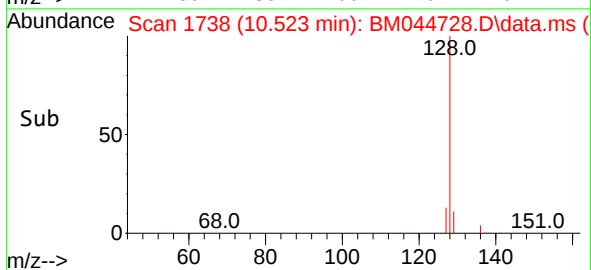
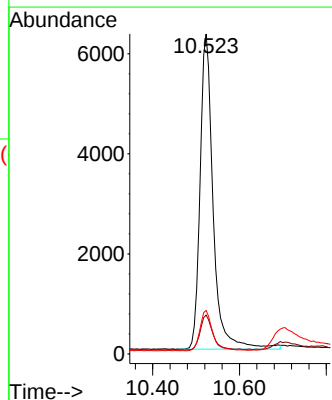
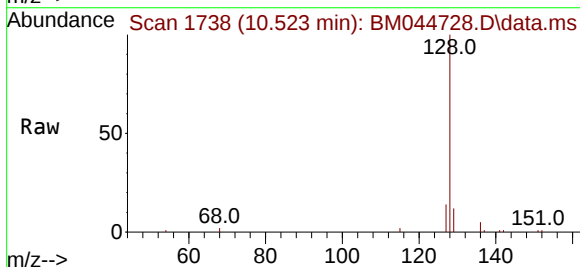
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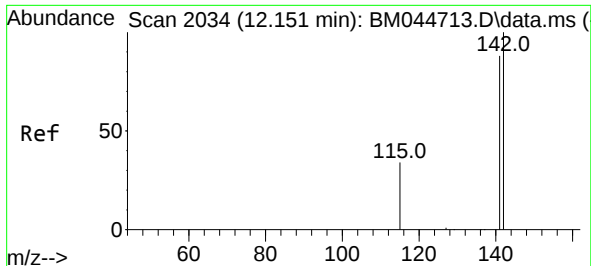
Tgt Ion: 88 Resp: 10940
 Ion Ratio Lower Upper
 88 100
 43 34.8 21.4 32.0#
 58 74.5 35.6 53.4#



#5
 Naphthalene
 Concen: 0.388 ng/ul
 RT: 10.523 min Scan# 1738
 Delta R.T. -0.005 min
 Lab File: BM044728.D
 Acq: 22 Mar 2024 09:08

Tgt Ion: 128 Resp: 13208
 Ion Ratio Lower Upper
 128 100
 129 12.2 9.2 13.8
 127 13.6 10.3 15.5

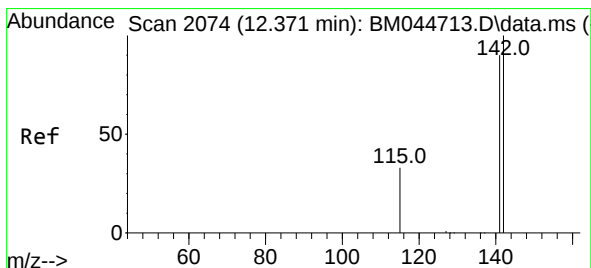
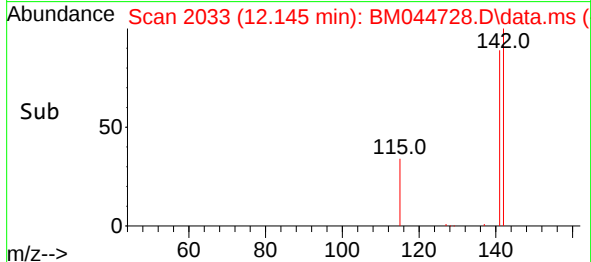
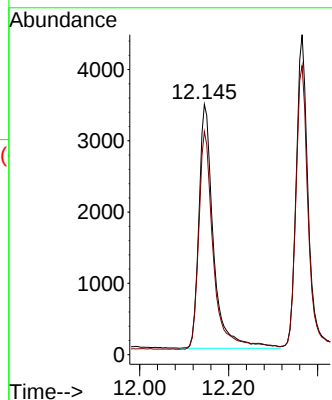
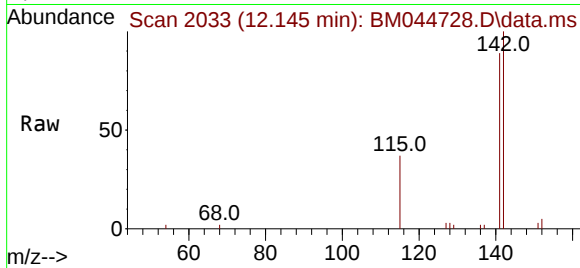




#7
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.145 min Scan# 2033
Delta R.T. -0.011 min
Lab File: BM044728.D
Acq: 22 Mar 2024 09:08

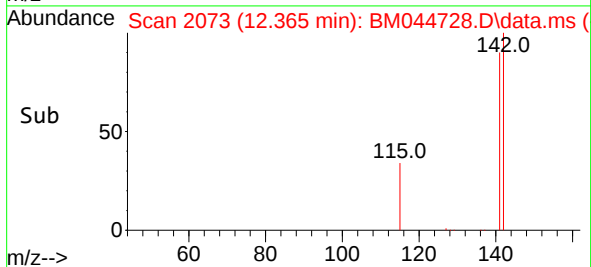
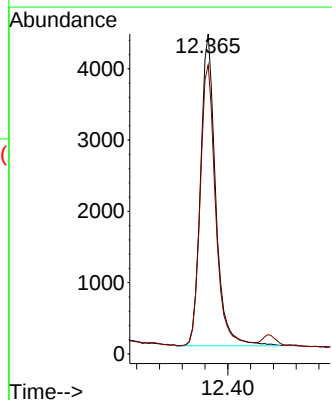
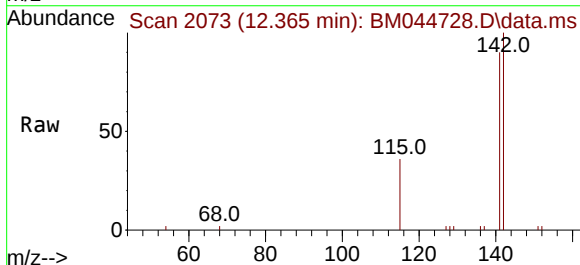
Instrument :
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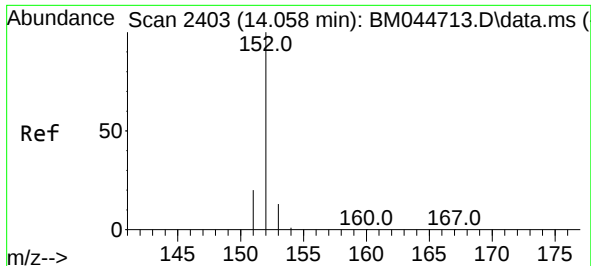
Tgt Ion:142 Resp: 7771
Ion Ratio Lower Upper
142 100
141 91.4 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044728.D
Acq: 22 Mar 2024 09:08

Tgt Ion:142 Resp: 8022
Ion Ratio Lower Upper
142 100
141 91.8 73.1 109.7

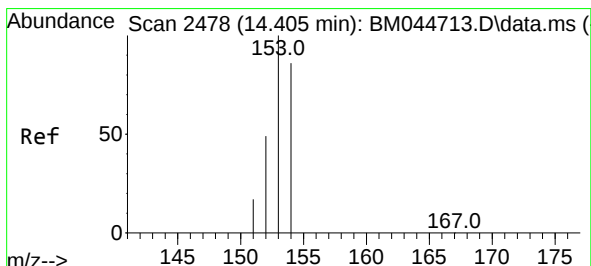
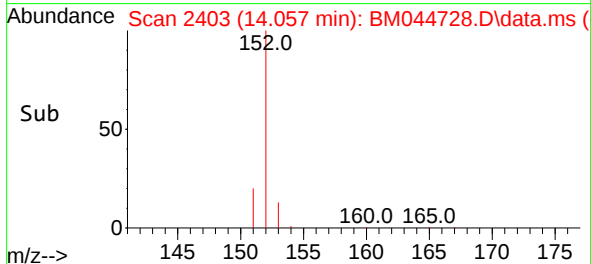
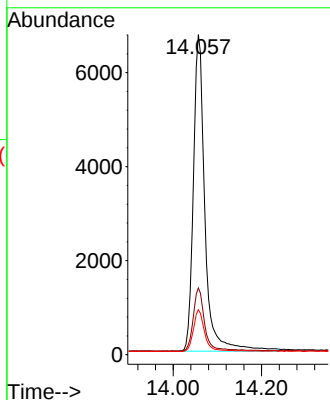
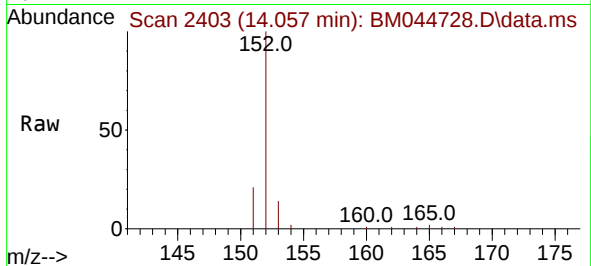




#10
Acenaphthylene
Concen: 0.407 ng/ul
RT: 14.057 min Scan# 2403
Delta R.T. -0.009 min
Lab File: BM044728.D
Acq: 22 Mar 2024 09:08

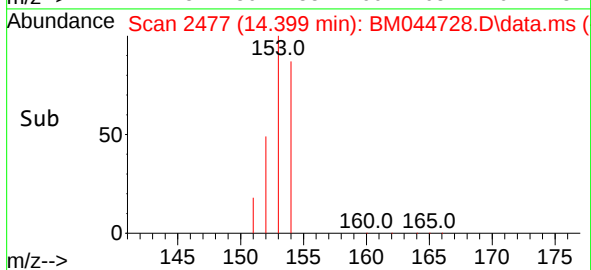
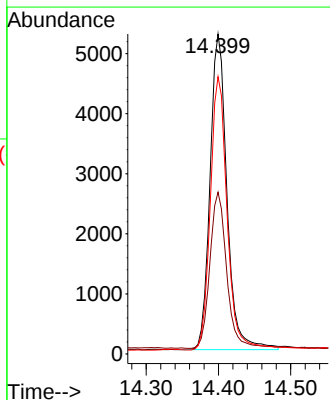
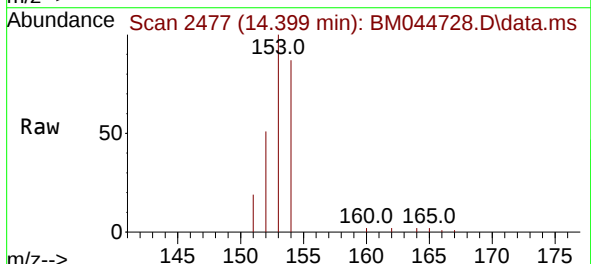
Instrument :
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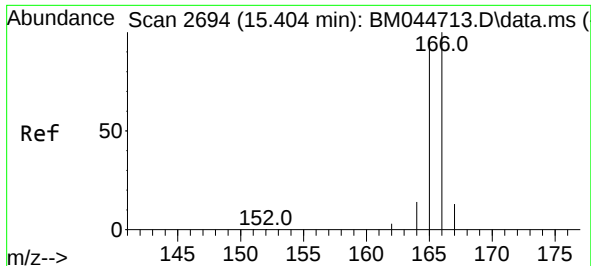
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.8	23.8
153	14.0	10.8	16.2



#11
Acenaphthene
Concen: 0.395 ng/ul
RT: 14.399 min Scan# 2477
Delta R.T. -0.009 min
Lab File: BM044728.D
Acq: 22 Mar 2024 09:08

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.5	40.7	61.1
154	86.6	70.6	106.0

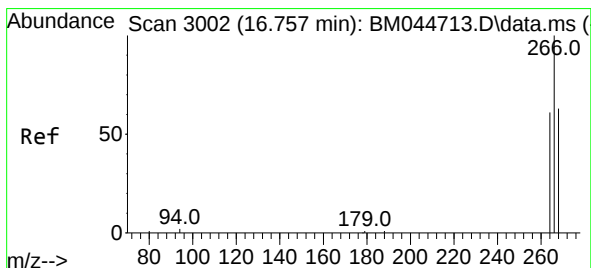
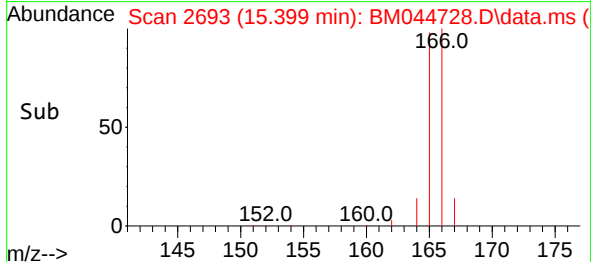
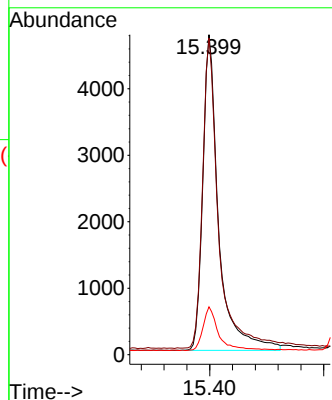
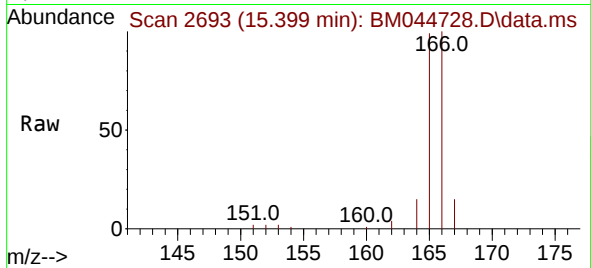




#12
Fluorene
Concen: 0.370 ng/ul
RT: 15.399 min Scan# 20
Delta R.T. -0.009 min
Lab File: BM044728.D
Acq: 22 Mar 2024 09:08

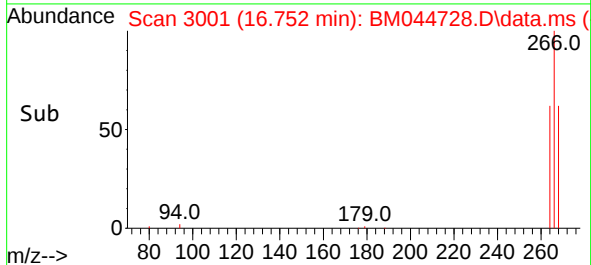
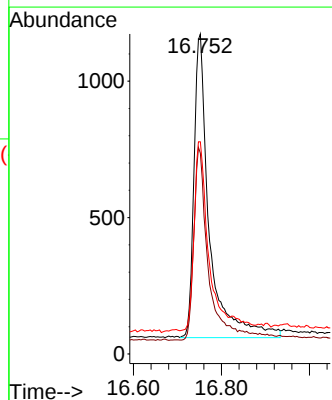
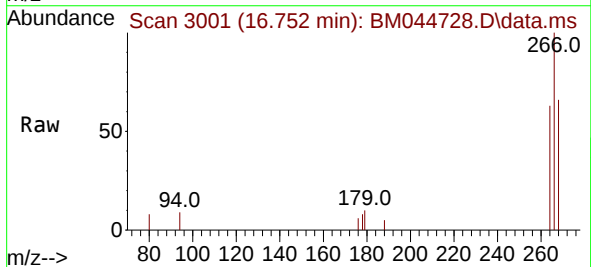
Instrument :
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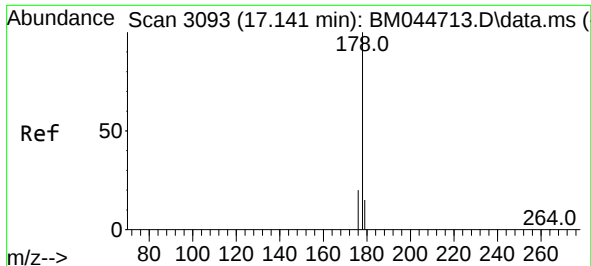
Tgt Ion:166 Resp: 9161
Ion Ratio Lower Upper
166 100
165 99.0 79.4 119.0
167 14.9 11.0 16.6



#14
Pentachlorophenol
Concen: 0.980 ng/ul
RT: 16.752 min Scan# 3001
Delta R.T. -0.012 min
Lab File: BM044728.D
Acq: 22 Mar 2024 09:08

Tgt Ion:266 Resp: 2706
Ion Ratio Lower Upper
266 100
264 61.9 49.5 74.3
268 61.8 48.1 72.1

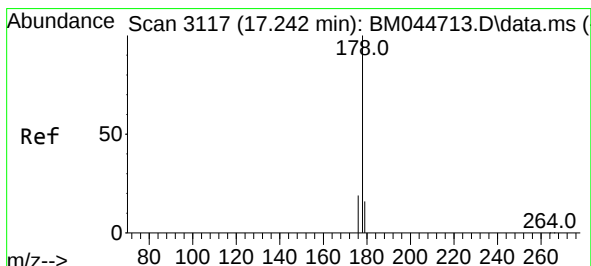
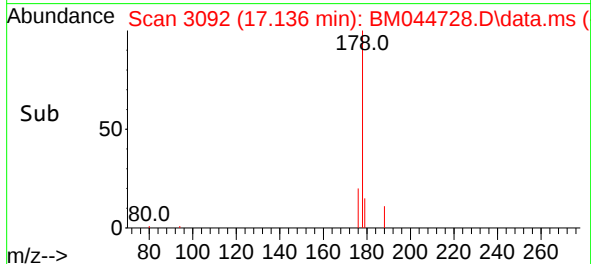
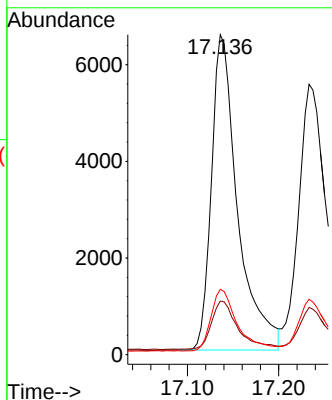
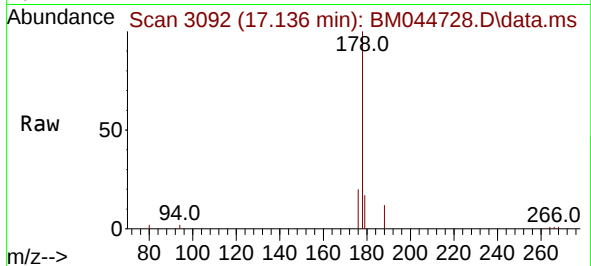




#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 17.136 min Scan# 3092
Delta R.T. -0.008 min
Lab File: BM044728.D
Acq: 22 Mar 2024 09:08

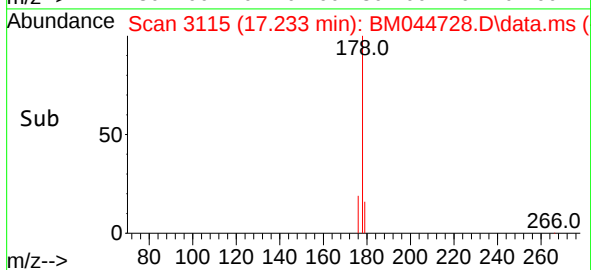
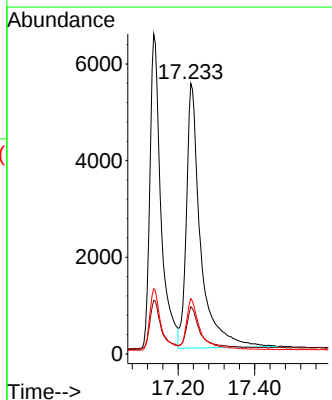
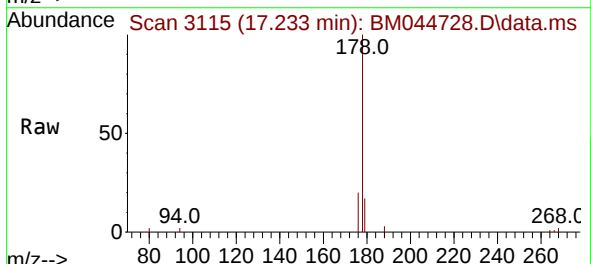
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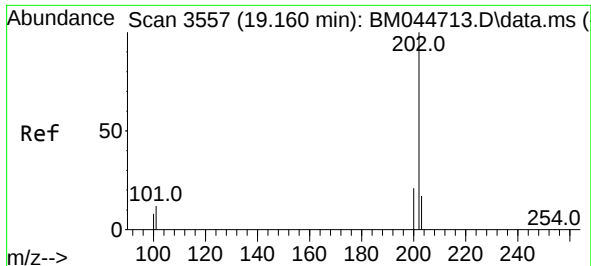
Tgt Ion:178 Resp: 12982
Ion Ratio Lower Upper
178 100
179 16.7 12.5 18.7
176 20.4 15.8 23.8



#16
Anthracene
Concen: 0.436 ng/ul
RT: 17.233 min Scan# 3115
Delta R.T. -0.008 min
Lab File: BM044728.D
Acq: 22 Mar 2024 09:08

Tgt Ion:178 Resp: 14073
Ion Ratio Lower Upper
178 100
179 17.5 12.8 19.2
176 20.5 15.2 22.8

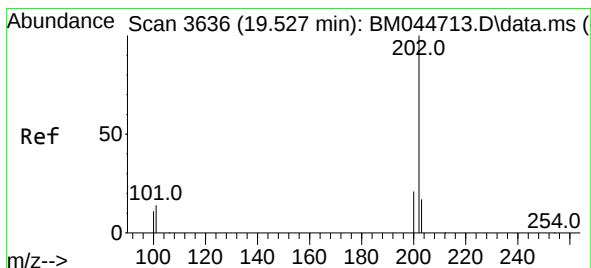
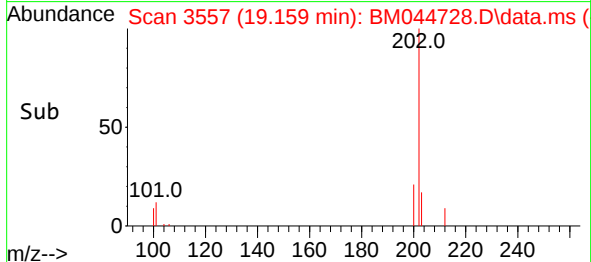
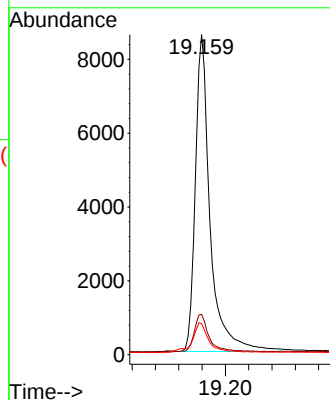
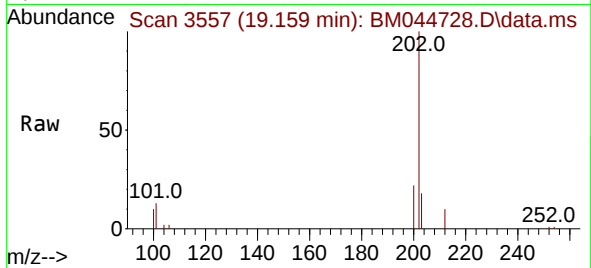




#19
Fluoranthene
Concen: 0.338 ng/ul
RT: 19.159 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM044728.D
Acq: 22 Mar 2024 09:08

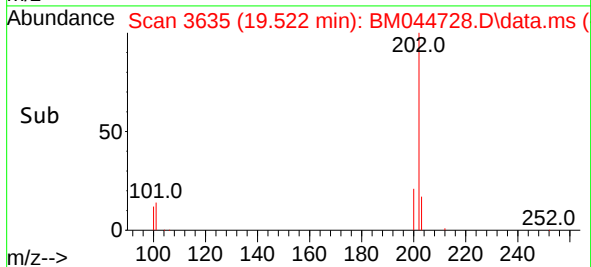
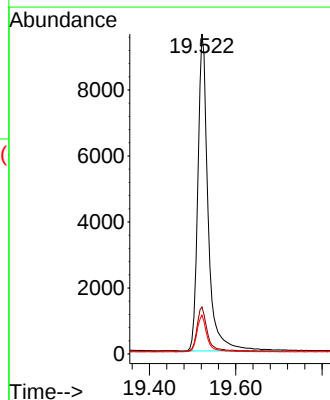
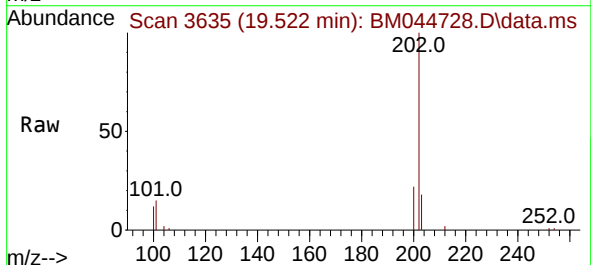
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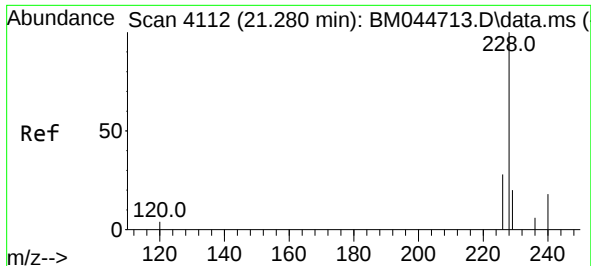
Tgt Ion:202 Resp: 15028
Ion Ratio Lower Upper
202 100
101 12.6 9.0 13.4
100 9.7 6.8 10.2



#20
Pyrene
Concen: 0.348 ng/ul
RT: 19.522 min Scan# 3635
Delta R.T. -0.009 min
Lab File: BM044728.D
Acq: 22 Mar 2024 09:08

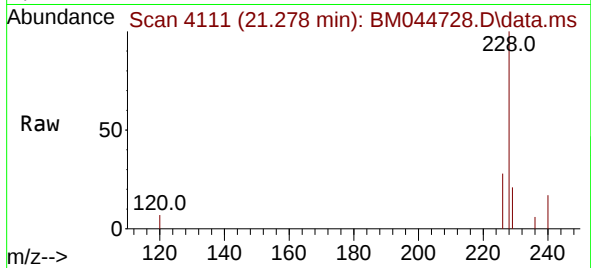
Tgt Ion:202 Resp: 15836
Ion Ratio Lower Upper
202 100
101 14.7 10.8 16.2
100 12.1 8.4 12.6



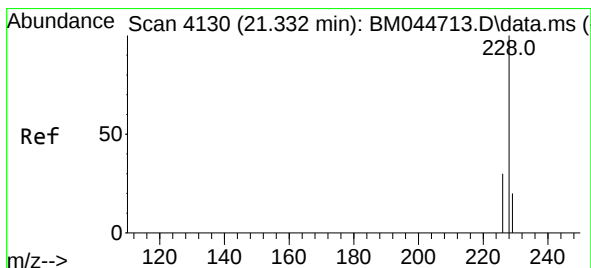
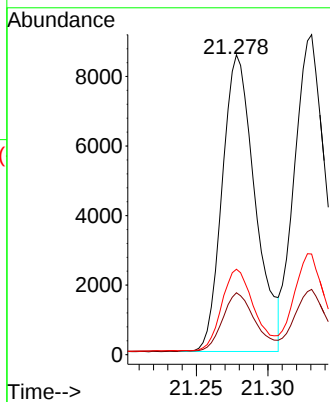
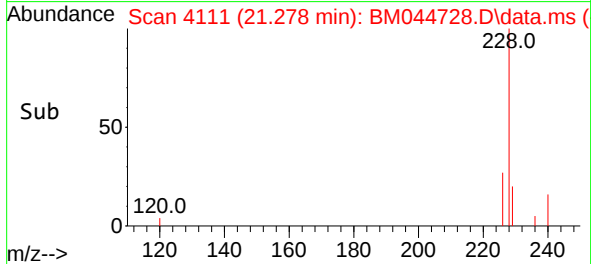


#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.278 min Scan# 4112
Delta R.T. -0.009 min
Lab File: BM044728.D
Acq: 22 Mar 2024 09:08

Instrument :
BNA_M
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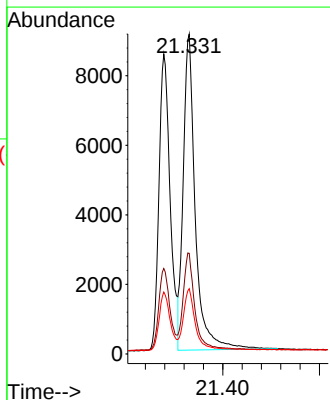
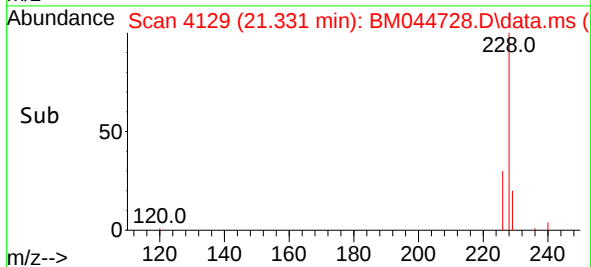
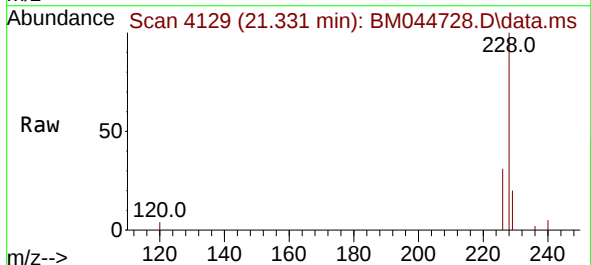


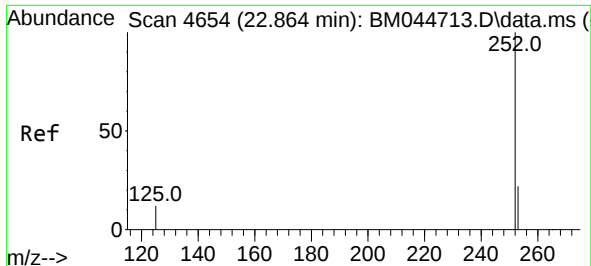
Tgt Ion:228 Resp: 13662
Ion Ratio Lower Upper
228 100
229 20.6 15.9 23.9
226 28.5 22.2 33.2



#22
Chrysene
Concen: 0.405 ng/ul
RT: 21.331 min Scan# 4129
Delta R.T. -0.006 min
Lab File: BM044728.D
Acq: 22 Mar 2024 09:08

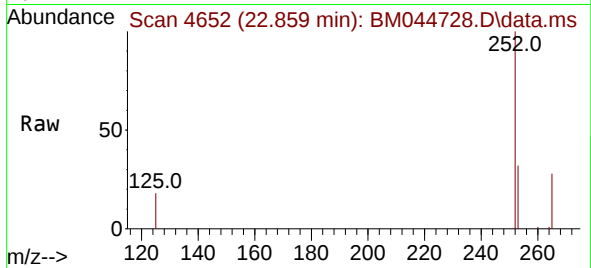
Tgt Ion:228 Resp: 15715
Ion Ratio Lower Upper
228 100
226 31.4 24.6 37.0
229 20.4 15.7 23.5



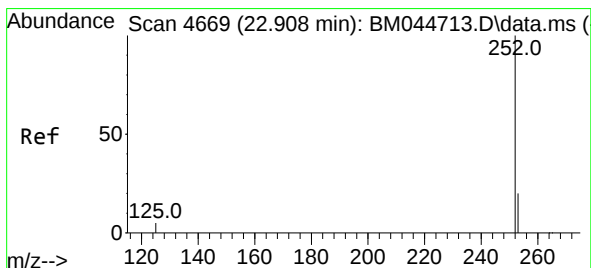
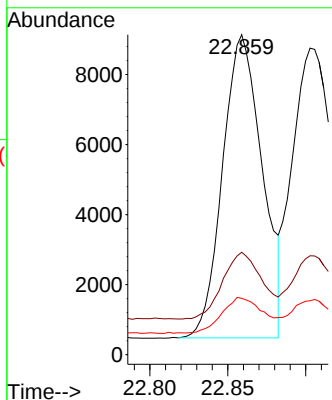


#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul
RT: 22.859 min Scan# 4652
Delta R.T. -0.014 min
Lab File: BM044728.D
Acq: 22 Mar 2024 09:08

Instrument :
BNA_M
ClientSampleId :
SLCS722

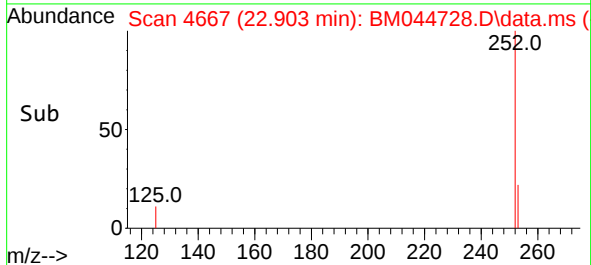
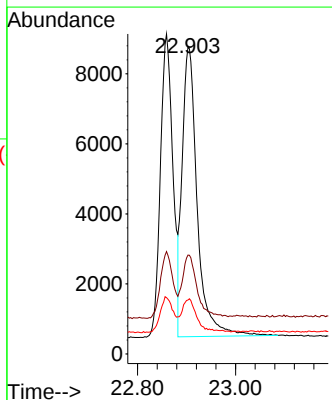
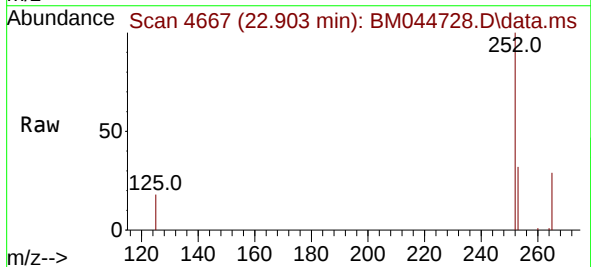


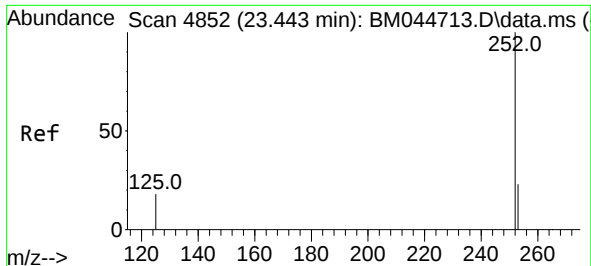
Tgt Ion:252 Resp: 15306
Ion Ratio Lower Upper
252 100
253 32.0 0.0 54.6
125 17.6 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.393 ng/ul
RT: 22.903 min Scan# 4667
Delta R.T. -0.014 min
Lab File: BM044728.D
Acq: 22 Mar 2024 09:08

Tgt Ion:252 Resp: 17629
Ion Ratio Lower Upper
252 100
253 32.3 22.6 33.8
125 17.6 11.4 17.2#

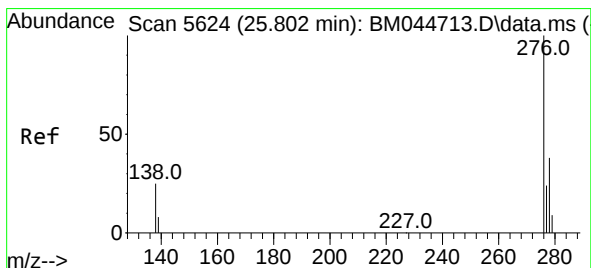
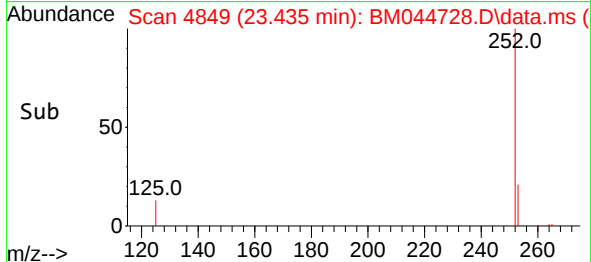
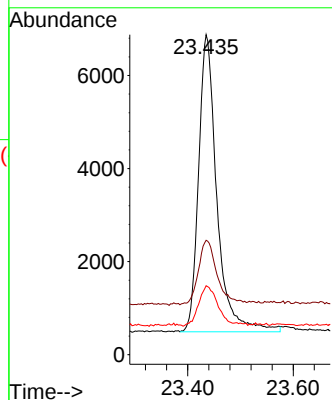
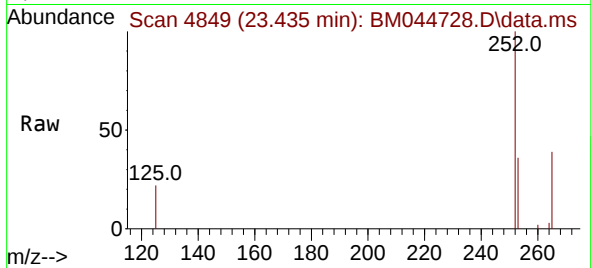




#26
Benzo(a)pyrene
Concen: 0.408 ng/ul
RT: 23.435 min Scan# 4849
Delta R.T. -0.017 min
Lab File: BM044728.D
Acq: 22 Mar 2024 09:08

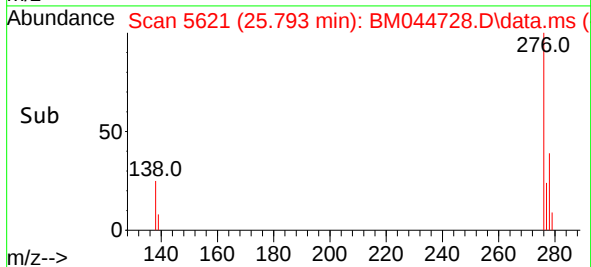
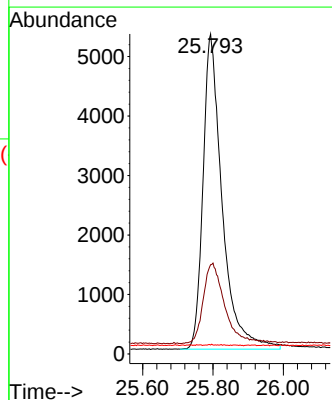
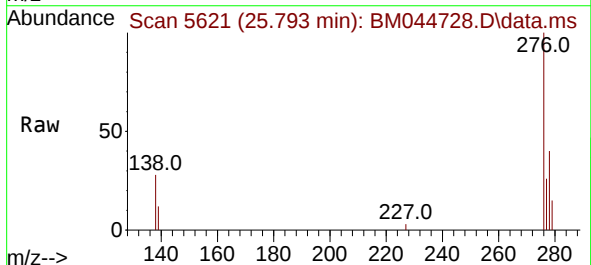
Instrument :
BNA_M
ClientSampleId :
SLCS722

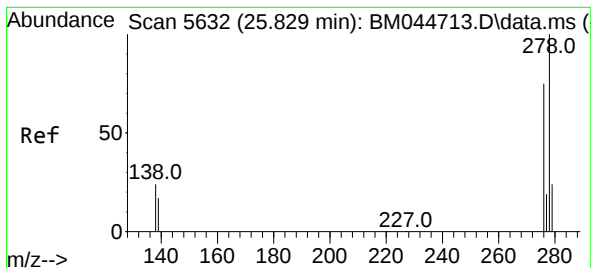
Tgt Ion:252 Resp: 15338
Ion Ratio Lower Upper
252 100
253 35.8 25.2 37.8
125 21.5 14.2 21.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.463 ng/ul
RT: 25.793 min Scan# 5621
Delta R.T. -0.027 min
Lab File: BM044728.D
Acq: 22 Mar 2024 09:08

Tgt Ion:276 Resp: 20021
Ion Ratio Lower Upper
276 100
138 28.9 21.9 32.9
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.474 ng/ul

RT: 25.820 min Scan# 5

Delta R.T. -0.023 min

Lab File: BM044728.D

Acq: 22 Mar 2024 09:08

Instrument :

BNA_M

ClientSampleId :

SLCS722

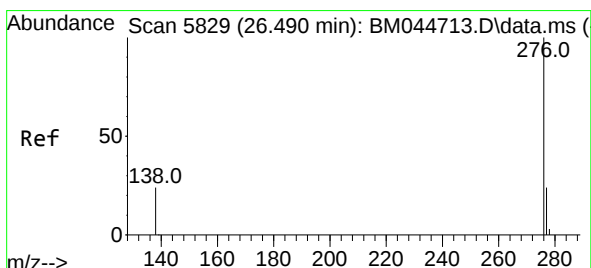
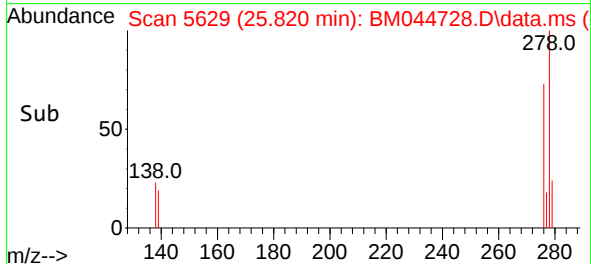
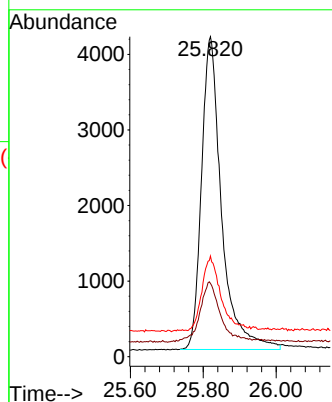
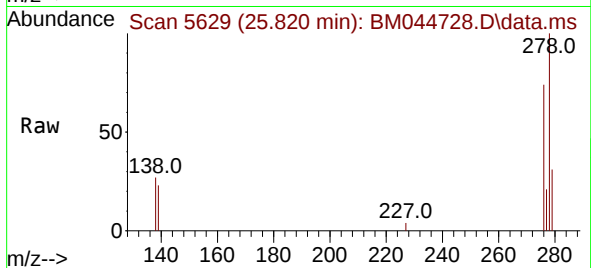
Tgt Ion:278 Resp: 15798

Ion Ratio Lower Upper

278 100

139 22.9 15.9 23.9

279 31.5 24.1 36.1



#29

Benzo(g,h,i)perylene

Concen: 0.450 ng/ul

RT: 26.481 min Scan# 5826

Delta R.T. -0.027 min

Lab File: BM044728.D

Acq: 22 Mar 2024 09:08

Tgt Ion:276 Resp: 17090

Ion Ratio Lower Upper

276 100

138 27.5 20.1 30.1

277 25.0 19.6 29.4

