

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
 Data File : BM045469.D
 Acq On : 21 Apr 2024 19:22
 Operator : MA/JU
 Sample : PB160317BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS317

Quant Time: Apr 22 02:05:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 02:01:19 2024
 Response via : Initial Calibration

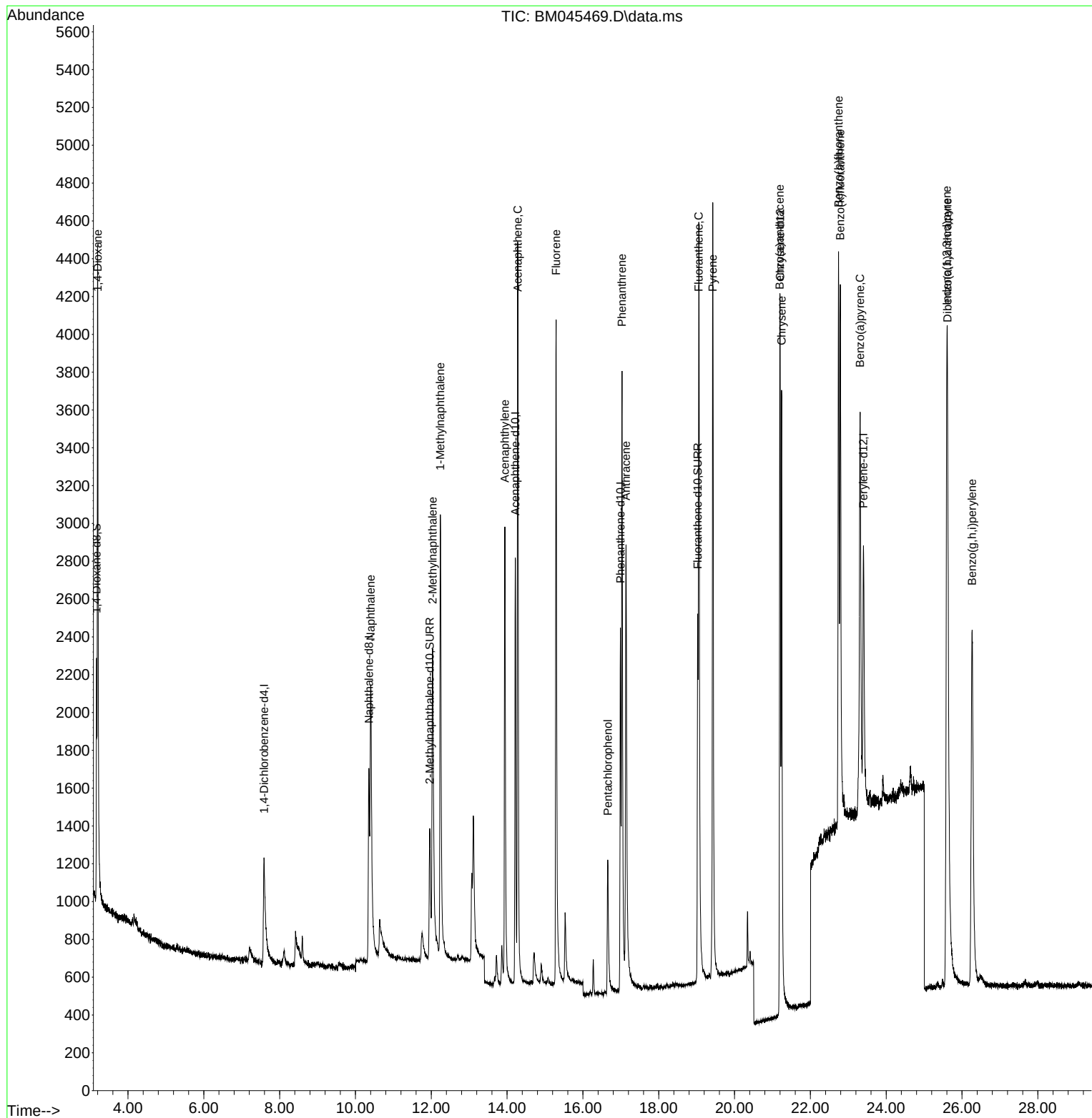
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	747	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.353	136	2431	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.219	164	1493	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	3033	0.400	ng/ul	-0.02
17) Chrysene-d12	21.202	240	1752	0.400	ng/ul	-0.01
23) Perylene-d12	23.397	264	2169	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	870	0.869	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.958	152	1622	0.506	ng/ul	-0.02
18) Fluoranthene-d10	19.029	212	2924	0.530	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.201	88	2572	2.670	ng/ul#	82
5) Naphthalene	10.402	128	3341	0.512	ng/ul	95
7) 2-Methylnaphthalene	12.035	142	2092	0.561	ng/ul	99
8) 1-Methylnaphthalene	12.239	142	2214	0.530	ng/ul	99
10) Acenaphthylene	13.941	152	3727	0.506	ng/ul	97
11) Acenaphthene	14.279	153	2834	0.518	ng/ul	99
12) Fluorene	15.292	166	3062	0.524	ng/ul	97
14) Pentachlorophenol	16.655	266	730	1.207	ng/ul	92
15) Phenanthrene	17.031	178	4359	0.493	ng/ul	98
16) Anthracene	17.136	178	4417	0.534	ng/ul	96
19) Fluoranthene	19.057	202	4623	0.572	ng/ul	96
20) Pyrene	19.424	202	4728	0.569	ng/ul	98
21) Benzo(a)anthracene	21.193	228	3246	0.580	ng/ul	95
22) Chrysene	21.240	228	3985	0.463	ng/ul	99
24) Benzo(b)fluoranthene	22.742	252	3998	0.548	ng/ul	99
25) Benzo(k)fluoranthene	22.789	252	4563	0.495	ng/ul	98
26) Benzo(a)pyrene	23.312	252	4116	0.544	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.598	276	5923	0.539	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.615	278	4753	0.545	ng/ul	95
29) Benzo(g,h,i)perylene	26.266	276	5086	0.515	ng/ul	98

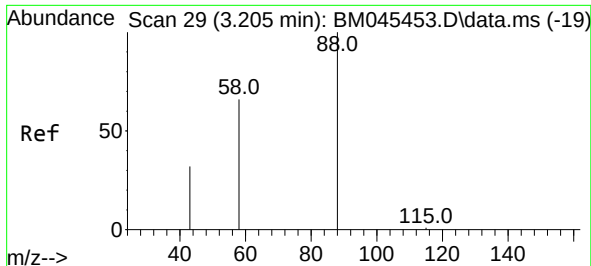
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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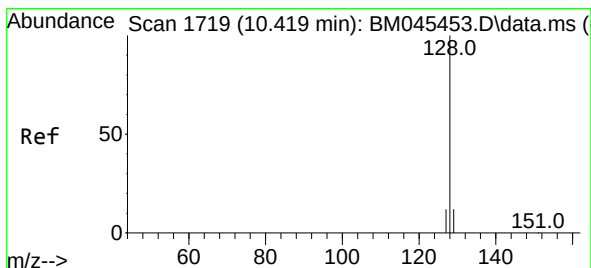
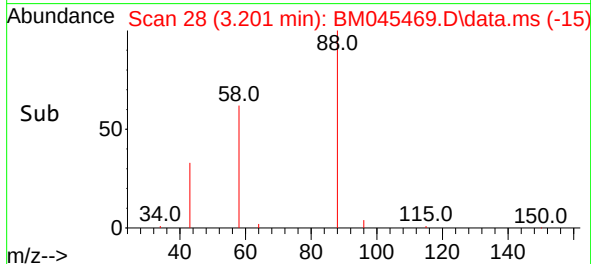
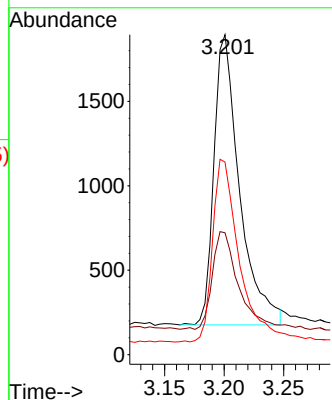
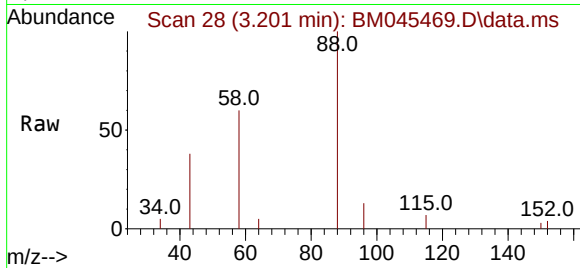




#2
1,4-Dioxane
Concen: 2.670 ng/ul
RT: 3.201 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

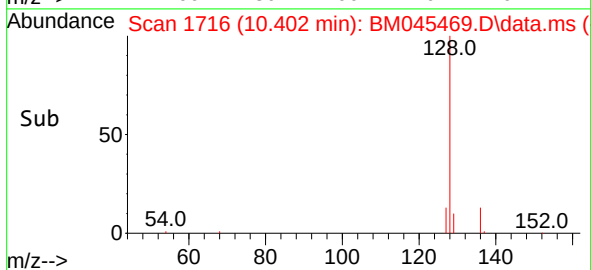
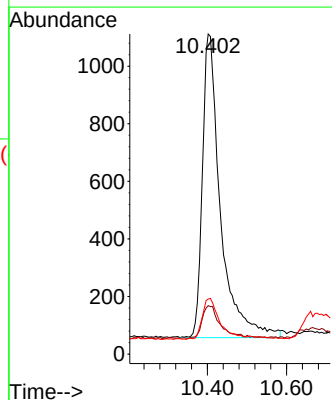
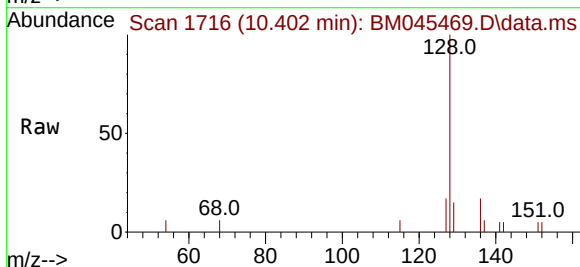
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BNA_M
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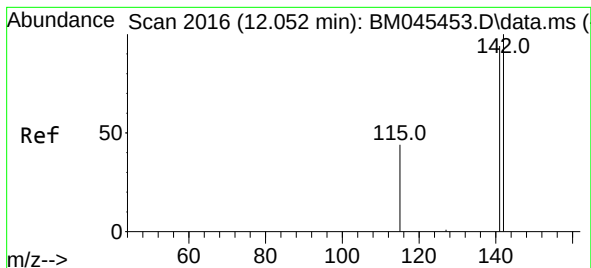
Tgt Ion: 88 Resp: 2572
Ion Ratio Lower Upper
88 100
43 38.1 36.8 55.2
58 60.2 35.4 53.2#



#5
Naphthalene
Concen: 0.512 ng/ul
RT: 10.402 min Scan# 1716
Delta R.T. -0.016 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Tgt Ion: 128 Resp: 3341
Ion Ratio Lower Upper
128 100
129 15.1 14.0 21.0
127 17.2 15.4 23.2

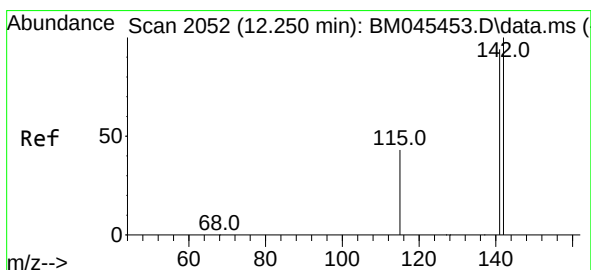
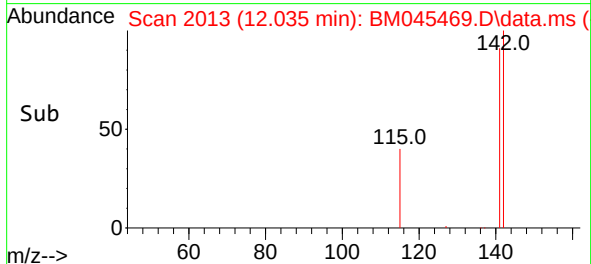
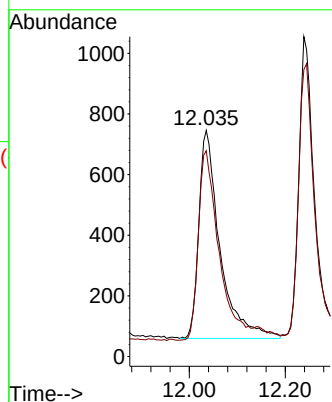
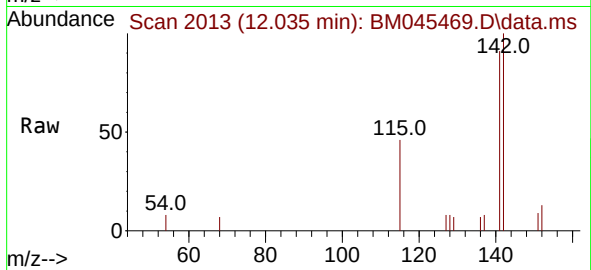




#7
2-Methylnaphthalene
Concen: 0.561 ng/ul
RT: 12.035 min Scan# 2013
Delta R.T. -0.016 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

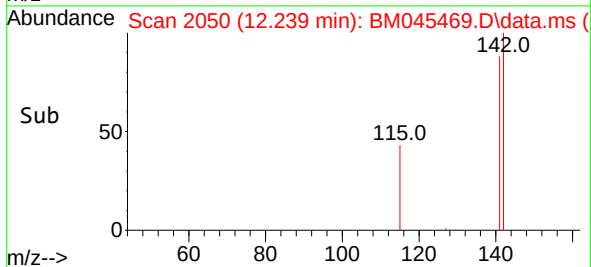
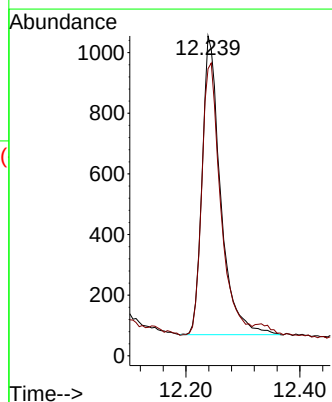
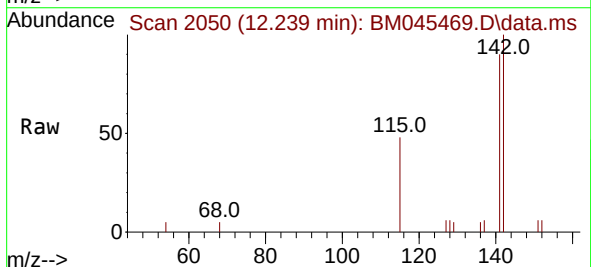
Instrument :
BNA_M
ClientSampleId :
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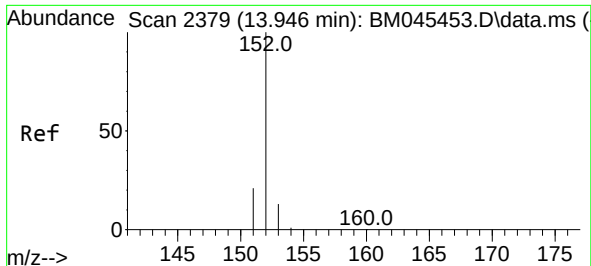
Tgt Ion:142 Resp: 2092
Ion Ratio Lower Upper
142 100
141 94.4 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.530 ng/ul
RT: 12.239 min Scan# 2050
Delta R.T. -0.011 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Tgt Ion:142 Resp: 2214
Ion Ratio Lower Upper
142 100
141 95.8 76.1 114.1

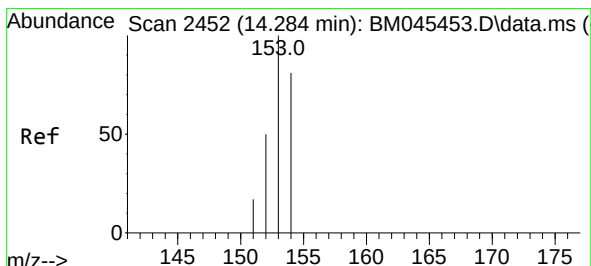
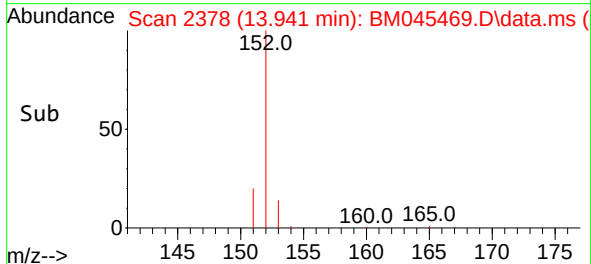
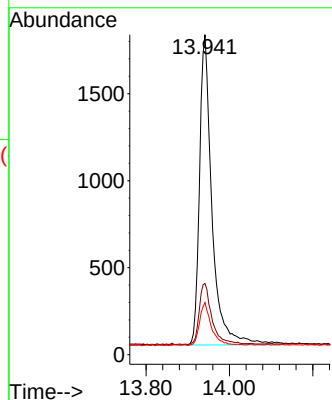
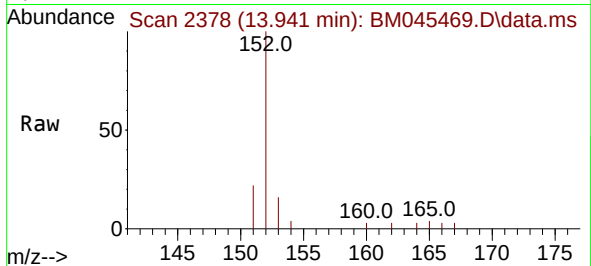




#10
Acenaphthylene
Concen: 0.506 ng/ul
RT: 13.941 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

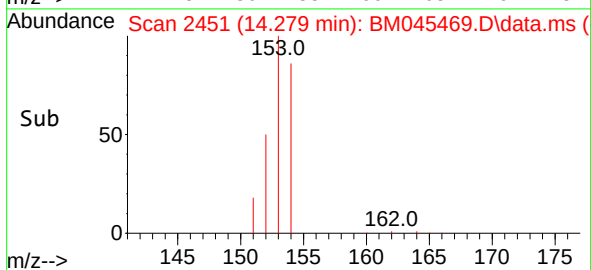
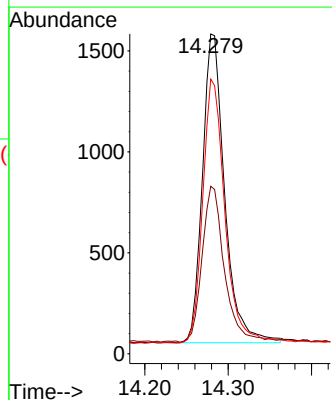
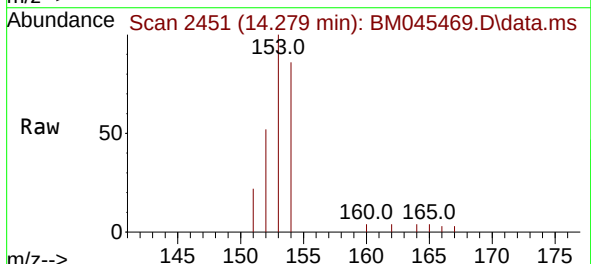
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ClientSampleId :
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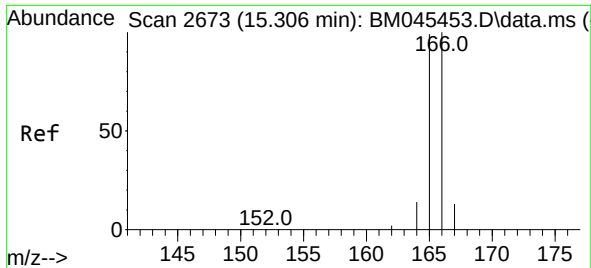
Tgt Ion:152 Resp: 3727
Ion Ratio Lower Upper
152 100
151 22.2 18.6 28.0
153 16.3 14.1 21.1



#11
Acenaphthene
Concen: 0.518 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. -0.005 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Tgt Ion:153 Resp: 2834
Ion Ratio Lower Upper
153 100
152 52.4 43.4 65.2
154 85.9 69.0 103.6

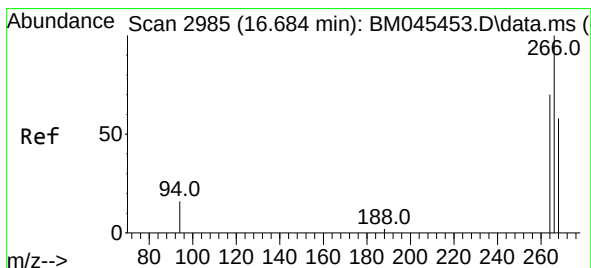
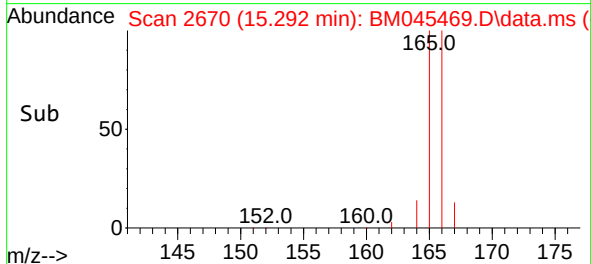
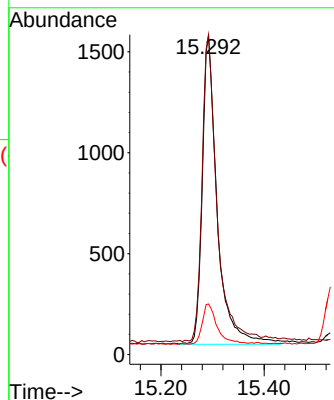
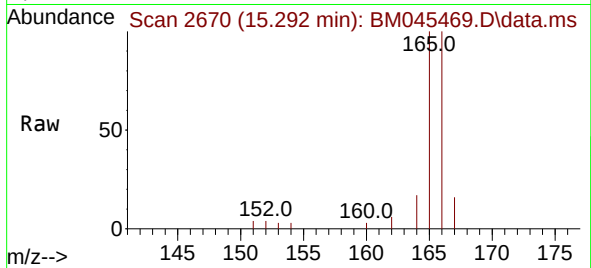




#12
Fluorene
Concen: 0.524 ng/ul
RT: 15.292 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

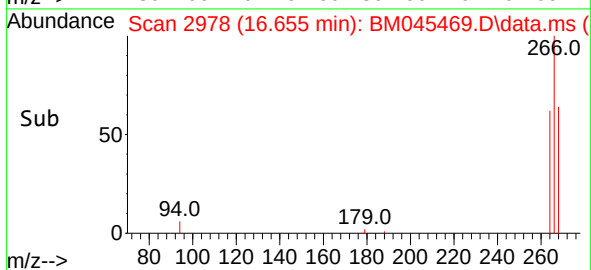
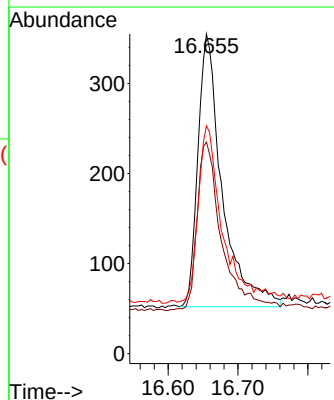
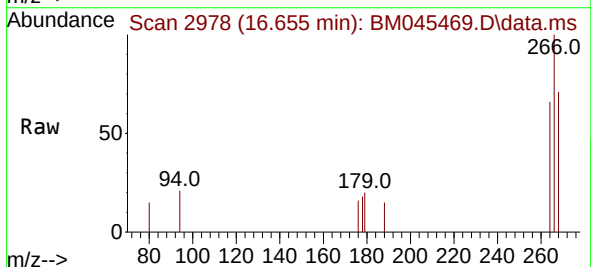
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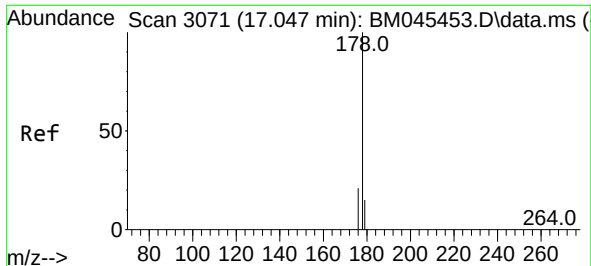
Tgt Ion:166 Resp: 3062
Ion Ratio Lower Upper
166 100
165 100.1 82.2 123.2
167 15.9 14.8 22.2



#14
Pentachlorophenol
Concen: 1.207 ng/ul
RT: 16.655 min Scan# 2978
Delta R.T. -0.029 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Tgt Ion:266 Resp: 730
Ion Ratio Lower Upper
266 100
264 65.1 45.5 68.3
268 65.9 56.1 84.1

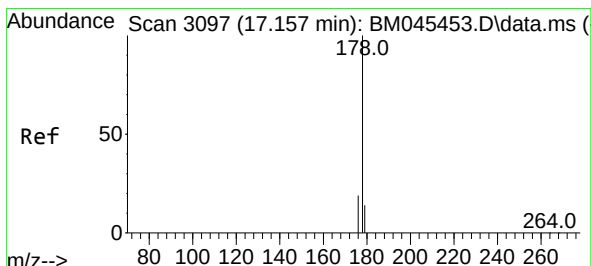
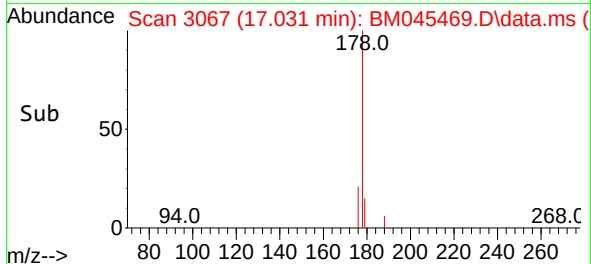
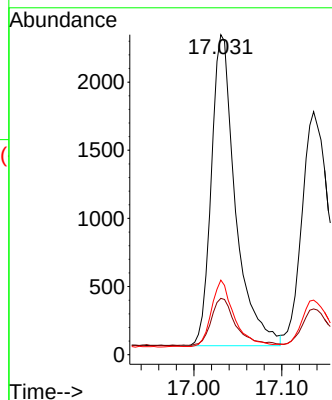
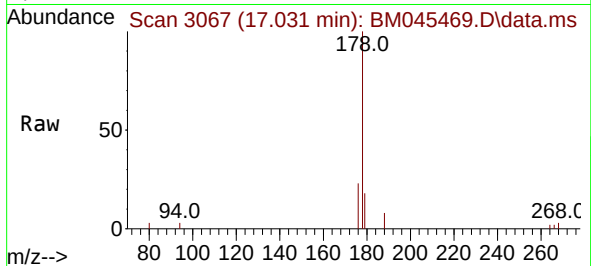




#15
Phenanthrene
Concen: 0.493 ng/ul
RT: 17.031 min Scan# 3067
Delta R.T. -0.017 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

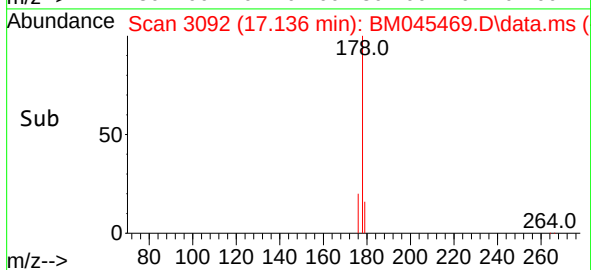
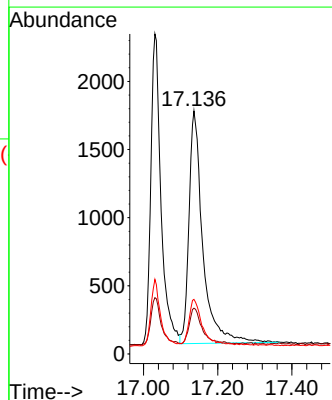
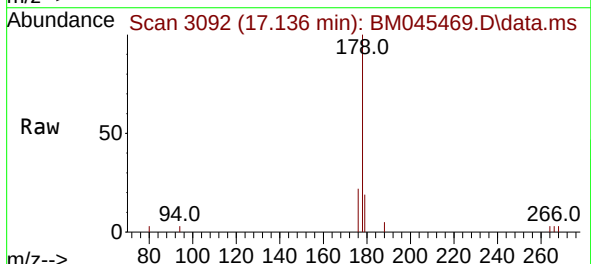
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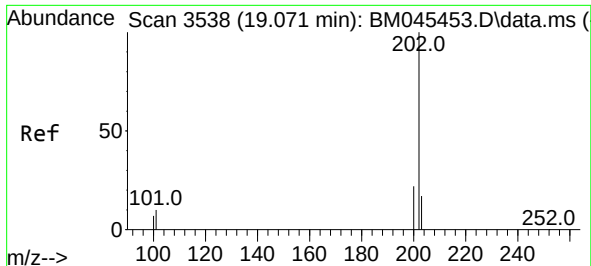
Tgt Ion:178 Resp: 4359
Ion Ratio Lower Upper
178 100
179 17.6 15.4 23.2
176 23.3 19.0 28.4



#16
Anthracene
Concen: 0.534 ng/ul
RT: 17.136 min Scan# 3092
Delta R.T. -0.021 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Tgt Ion:178 Resp: 4417
Ion Ratio Lower Upper
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179 18.8 17.8 26.6
176 22.5 18.7 28.1

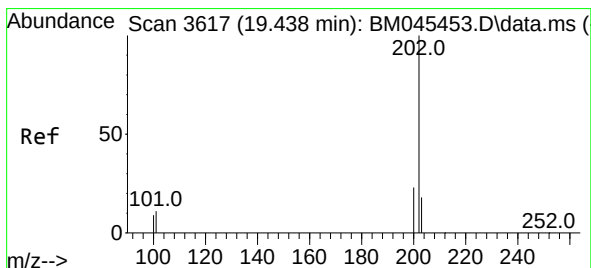
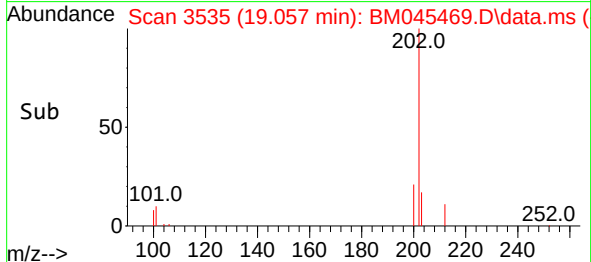
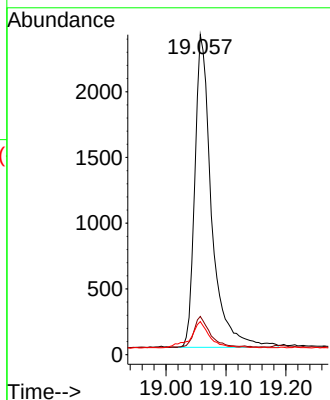
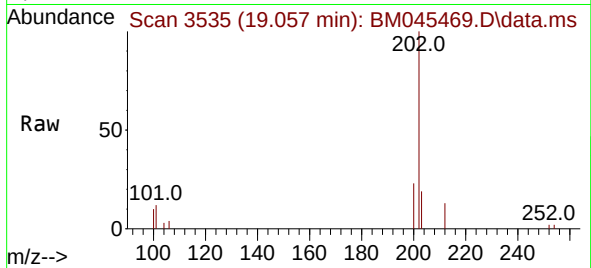




#19
Fluoranthene
Concen: 0.572 ng/u1
RT: 19.057 min Scan# 31
Delta R.T. -0.014 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

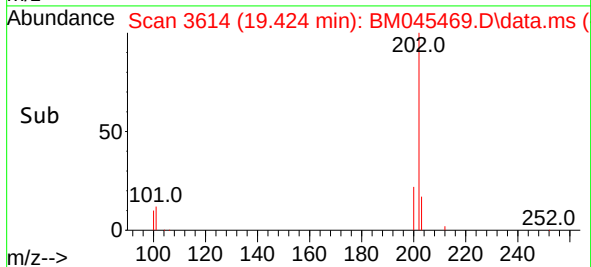
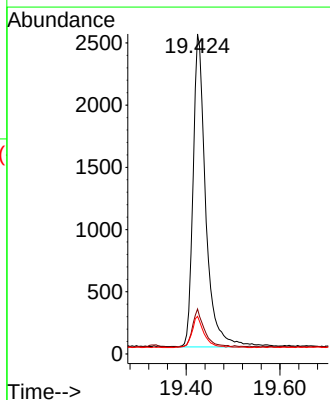
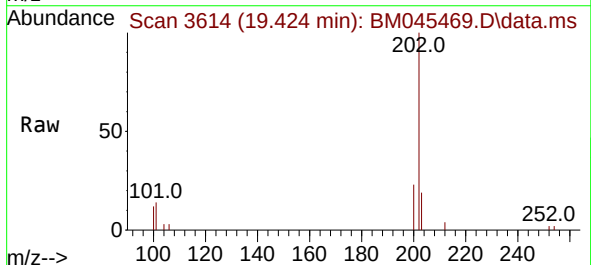
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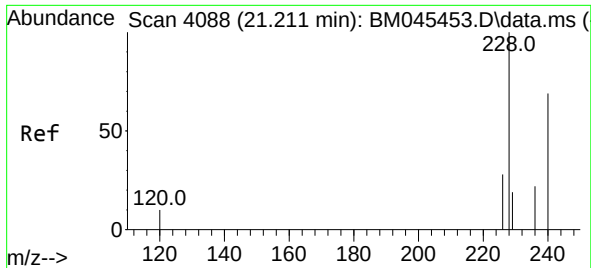
Tgt Ion:202 Resp: 4623
Ion Ratio Lower Upper
202 100
101 12.0 11.2 16.8
100 10.4 9.1 13.7



#20
Pyrene
Concen: 0.569 ng/u1
RT: 19.424 min Scan# 3614
Delta R.T. -0.014 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

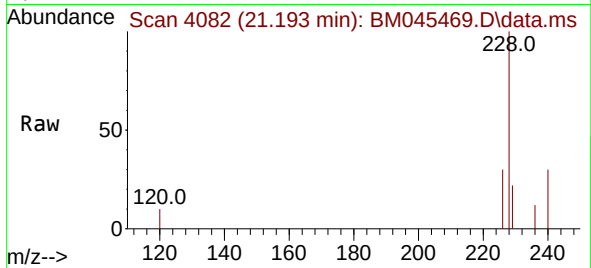
Tgt Ion:202 Resp: 4728
Ion Ratio Lower Upper
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101 14.1 11.5 17.3
100 11.7 10.6 15.8



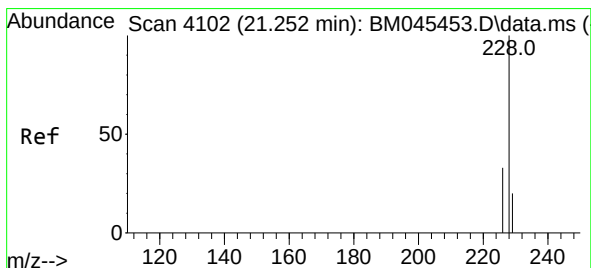
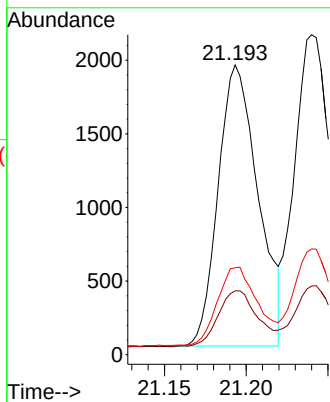
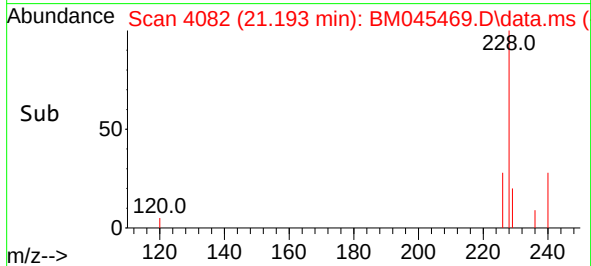


#21
Benzo(a)anthracene
Concen: 0.580 ng/ul
RT: 21.193 min Scan# 4082
Delta R.T. -0.017 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Instrument :
BNA_M
ClientSampleId :
SLCS317

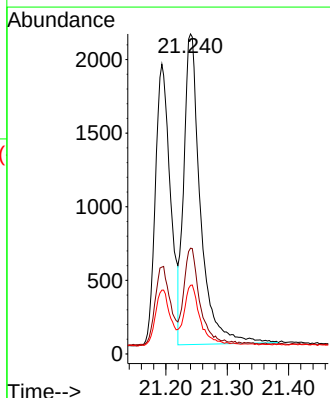
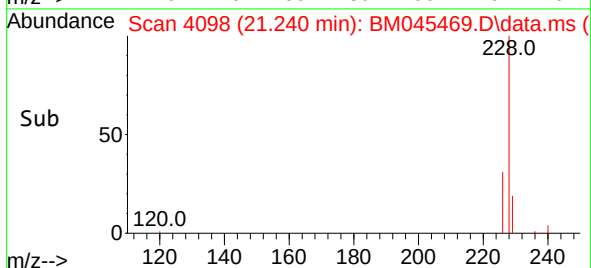
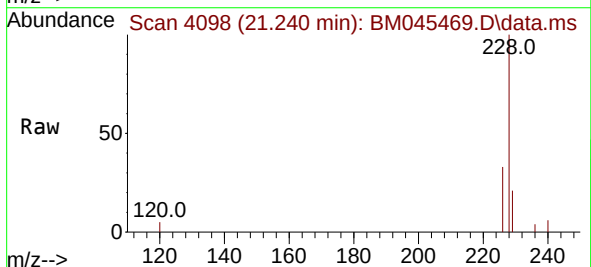


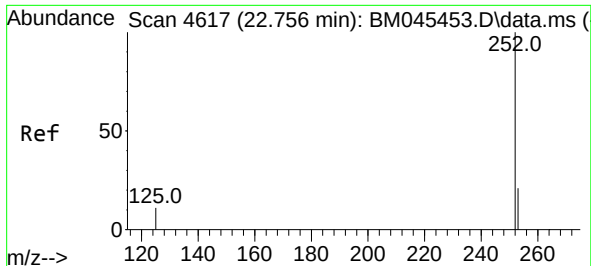
Tgt Ion:228 Resp: 3246
Ion Ratio Lower Upper
228 100
229 22.0 19.4 29.2
226 30.0 26.3 39.5



#22
Chrysene
Concen: 0.463 ng/ul
RT: 21.240 min Scan# 4098
Delta R.T. -0.012 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

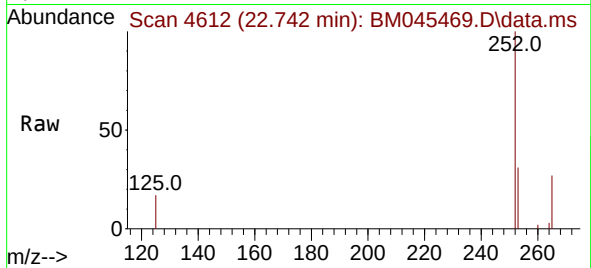
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Ion Ratio Lower Upper
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226 33.1 26.3 39.5
229 21.5 17.8 26.8



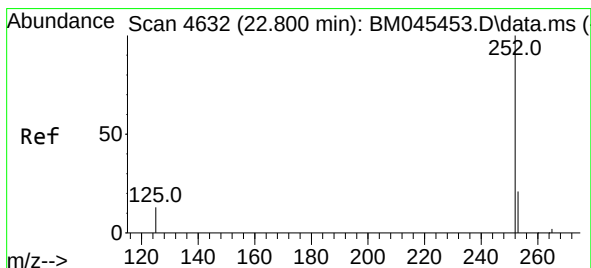
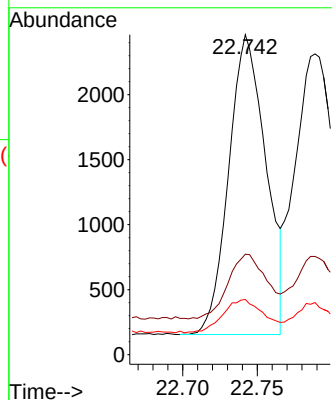


#24
Benzo(b)fluoranthene
Concen: 0.548 ng/ul
RT: 22.742 min Scan# 4612
Delta R.T. -0.015 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Instrument :
BNA_M
ClientSampleId :
SLCS317

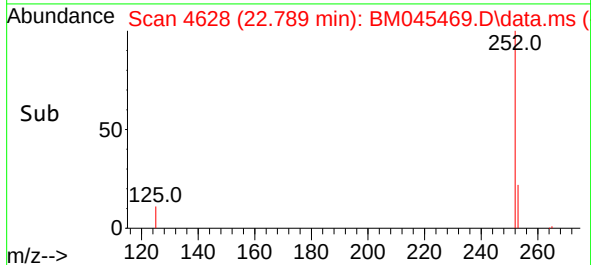
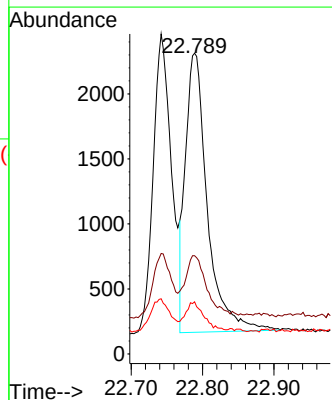
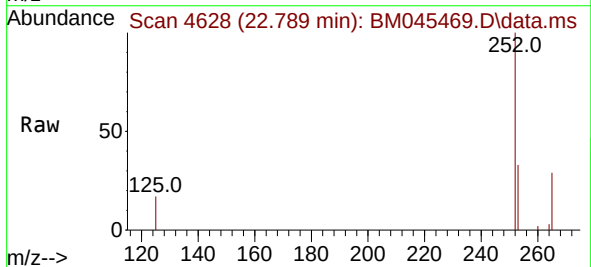


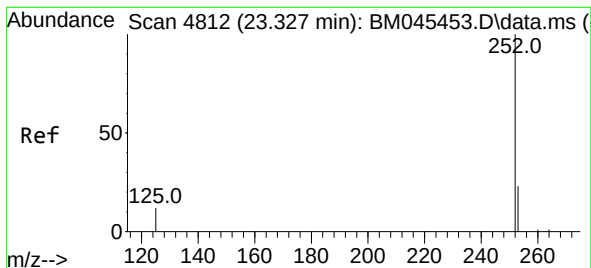
Tgt Ion:252 Resp: 3998
Ion Ratio Lower Upper
252 100
253 31.4 0.0 63.4
125 17.2 0.0 36.8



#25
Benzo(k)fluoranthene
Concen: 0.495 ng/ul
RT: 22.789 min Scan# 4628
Delta R.T. -0.012 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Tgt Ion:252 Resp: 4563
Ion Ratio Lower Upper
252 100
253 32.6 25.4 38.0
125 17.3 14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.544 ng/ul

RT: 23.312 min Scan# 41

Delta R.T. -0.015 min

Lab File: BM045469.D

Acq: 21 Apr 2024 19:22

Instrument :

BNA_M

ClientSampleId :

SLCS317

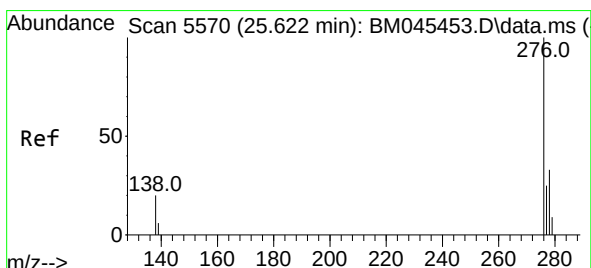
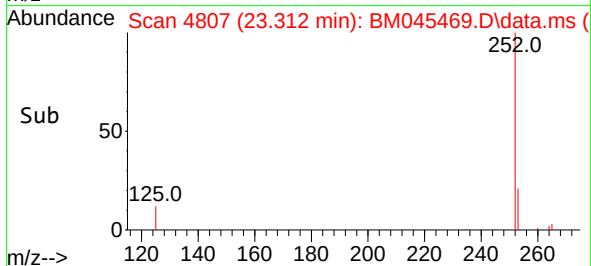
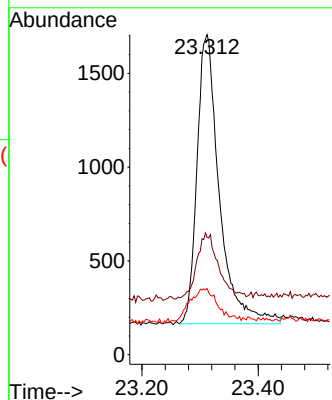
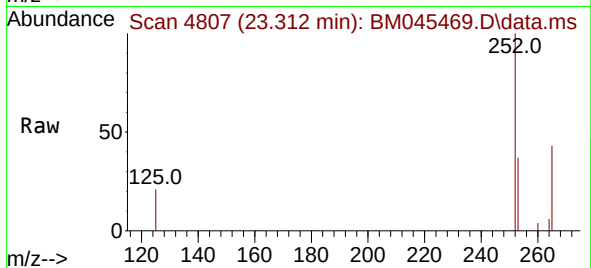
Tgt Ion:252 Resp: 4116

Ion Ratio Lower Upper

252 100

253 36.6 31.6 47.4

125 20.7 19.5 29.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.539 ng/ul

RT: 25.598 min Scan# 5563

Delta R.T. -0.023 min

Lab File: BM045469.D

Acq: 21 Apr 2024 19:22

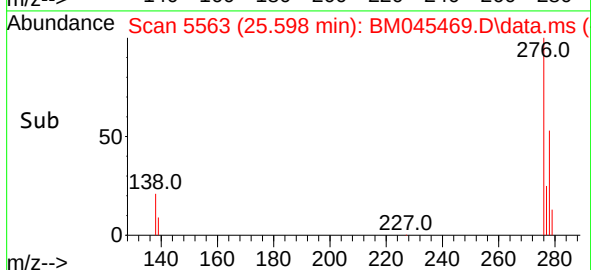
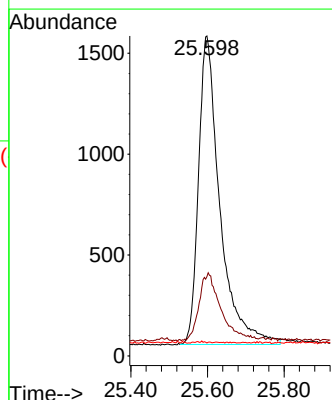
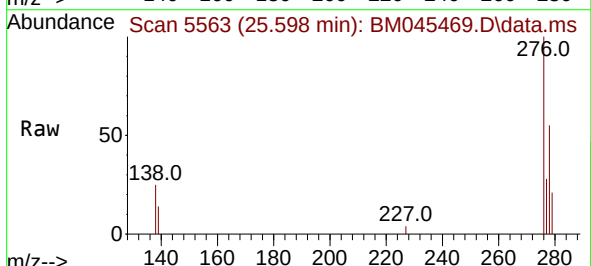
Tgt Ion:276 Resp: 5923

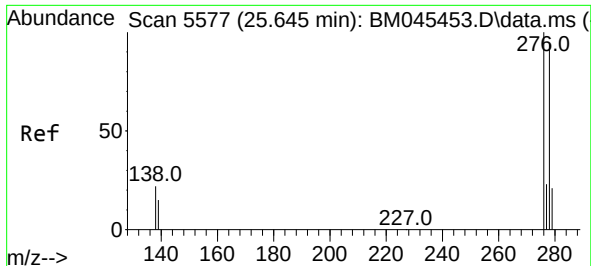
Ion Ratio Lower Upper

276 100

138 22.4 19.8 29.6

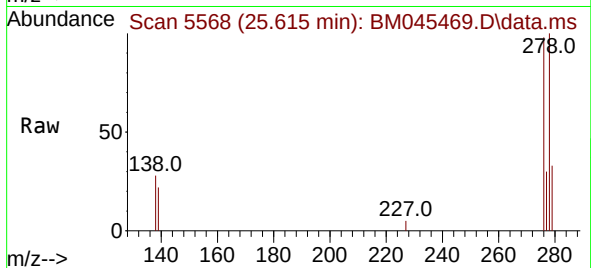
227 0.1 0.2 0.2#



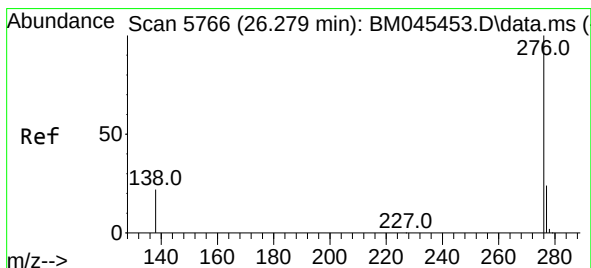
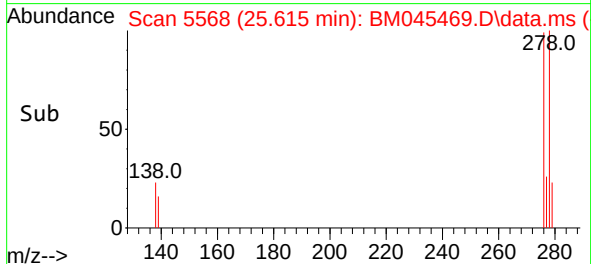
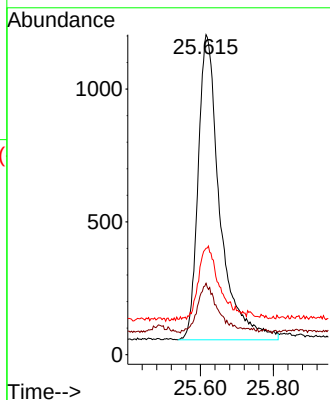


#28
Dibenzo(a,h)anthracene
Concen: 0.545 ng/ul
RT: 25.615 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Instrument :
BNA_M
ClientSampleId :
SLCS317



Tgt Ion:278 Resp: 4753
Ion Ratio Lower Upper
278 100
139 22.3 19.0 28.6
279 33.3 29.4 44.2



#29
Benzo(g,h,i)perylene
Concen: 0.515 ng/ul
RT: 26.266 min Scan# 5762
Delta R.T. -0.013 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Tgt Ion:276 Resp: 5086
Ion Ratio Lower Upper
276 100
138 24.4 20.8 31.2
277 26.5 21.8 32.8

