

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
 Data File : BM045435.D
 Acq On : 20 Apr 2024 21:40
 Operator : MA/JU
 Sample : PB160333BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS333

Quant Time: Apr 21 05:23:15 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 : Sun Apr 21 05:11:22 2024
 Response via : Initial Calibration

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

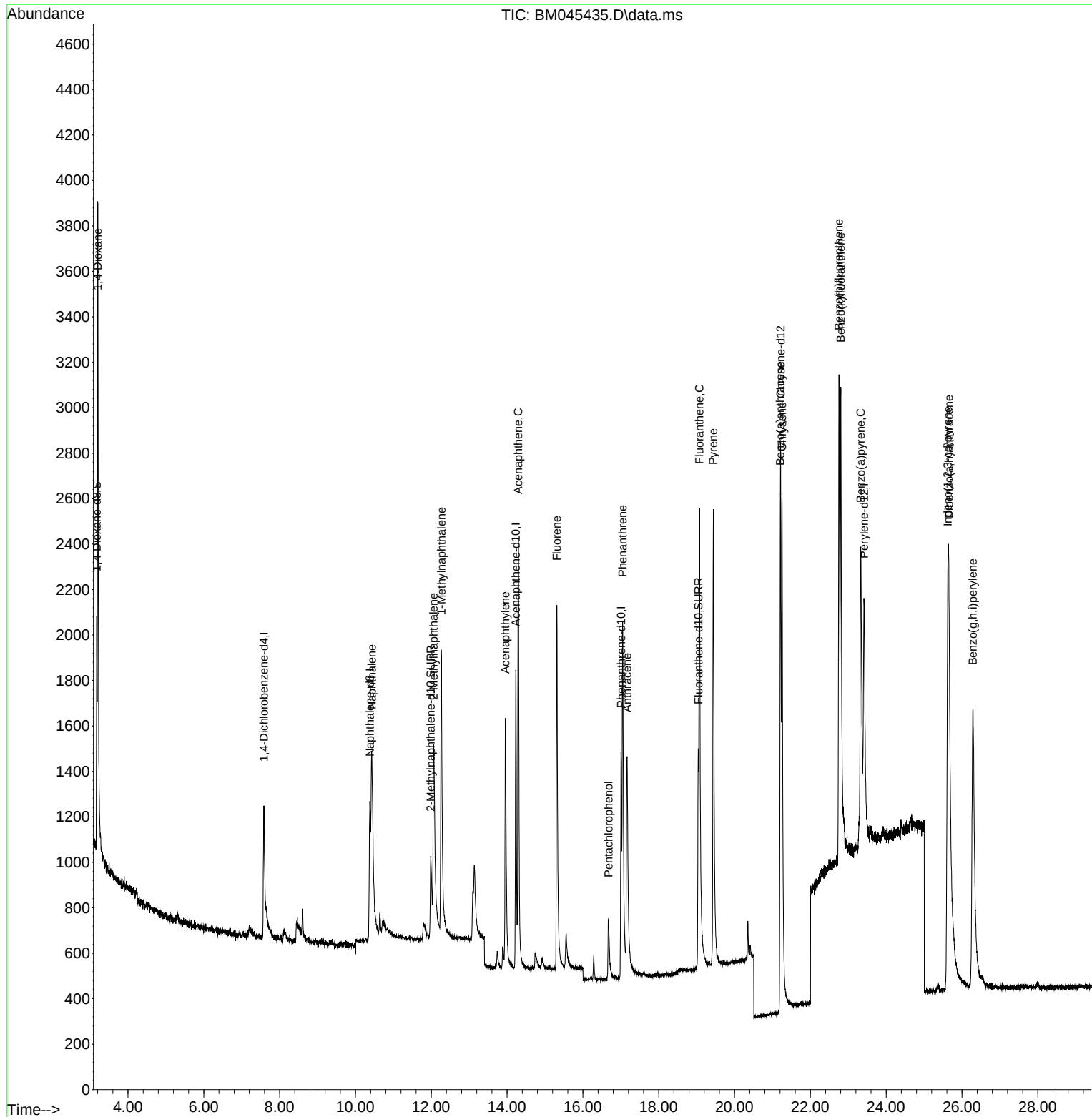
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.585	152	634	0.400	ng/ul	0.00
4) Naphthalene-d8	10.380	136	1829	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.233	164	960	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.005	188	1916	0.400	ng/ul	0.00
17) Chrysene-d12	21.214	240	1423	0.400	ng/ul	0.00
23) Perylene-d12	23.414	264	1931	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	725	0.853	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.986	152	968	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.043	212	1683	0.376	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	1988	2.432	ng/ul#	85
5) Naphthalene	10.430	128	2191	0.446	ng/ul	99
7) 2-Methylnaphthalene	12.063	142	1274	0.454	ng/ul	99
8) 1-Methylnaphthalene	12.266	142	1293	0.411	ng/ul	96
10) Acenaphthylene	13.955	152	1990	0.420	ng/ul	96
11) Acenaphthene	14.293	153	1548	0.440	ng/ul	96
12) Fluorene	15.311	166	1588	0.422	ng/ul	98
14) Pentachlorophenol	16.676	266	351	0.919	ng/ul	90
15) Phenanthrene	17.047	178	2399	0.430	ng/ul	99
16) Anthracene	17.166	178	2191	0.420	ng/ul	97
19) Fluoranthene	19.071	202	2663	0.406	ng/ul	98
20) Pyrene	19.438	202	2797	0.414	ng/ul	97
21) Benzo(a)anthracene	21.205	228	2091	0.460	ng/ul	98
22) Chrysene	21.252	228	3174	0.454	ng/ul	98
24) Benzo(b)fluoranthene	22.754	252	3134	0.482	ng/ul	96
25) Benzo(k)fluoranthene	22.800	252	3936	0.480	ng/ul	99
26) Benzo(a)pyrene	23.327	252	3155	0.468	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.625	276	4564	0.466	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.652	278	3592	0.463	ng/ul	95
29) Benzo(g,h,i)perylene	26.286	276	4099	0.466	ng/ul	99

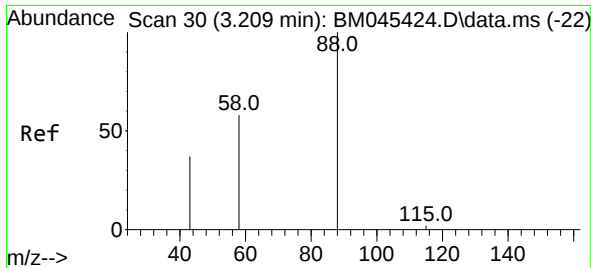
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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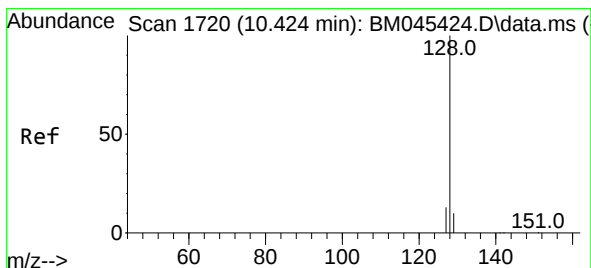
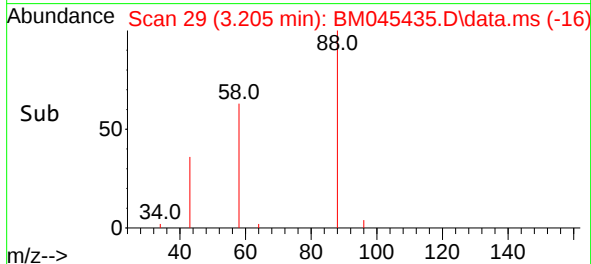
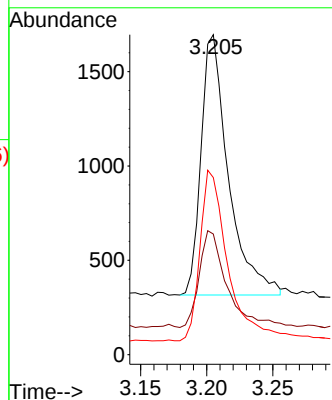
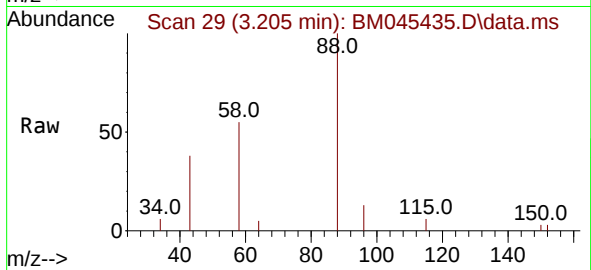




#2
1,4-Dioxane
Concen: 2.432 ng/ul
RT: 3.205 min Scan# 29
Delta R.T. -0.004 min
Lab File: BM045435.D
Acq: 20 Apr 2024 21:40

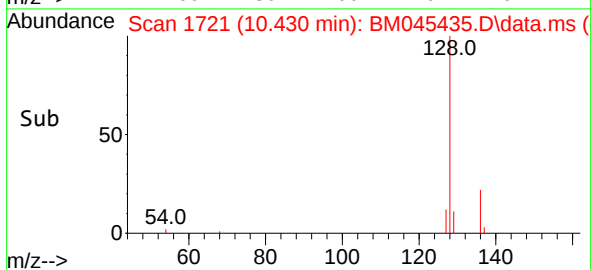
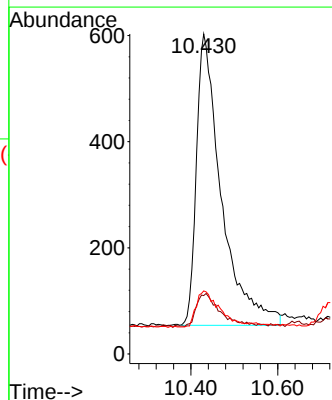
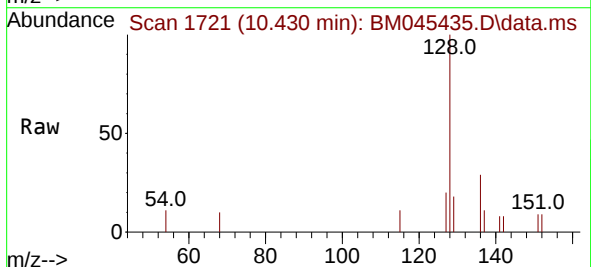
Instrument :
BNA_M
ClientSampleId :
SLCS333

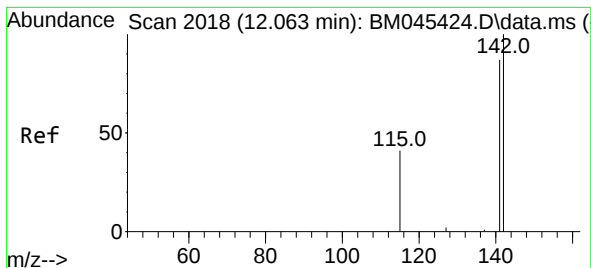
Tgt Ion: 88 Resp: 1988
Ion Ratio Lower Upper
88 100
43 37.7 36.8 55.2
58 55.4 35.4 53.2#



#5
Naphthalene
Concen: 0.446 ng/ul
RT: 10.430 min Scan# 1721
Delta R.T. 0.006 min
Lab File: BM045435.D
Acq: 20 Apr 2024 21:40

Tgt Ion: 128 Resp: 2191
Ion Ratio Lower Upper
128 100
129 18.2 14.0 21.0
127 19.7 15.4 23.2

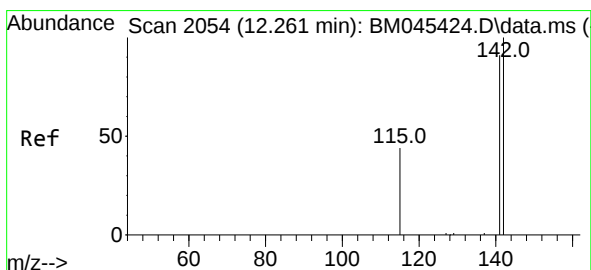
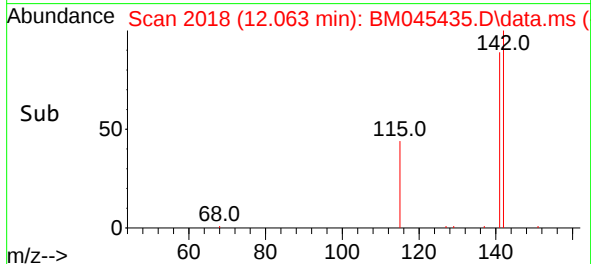
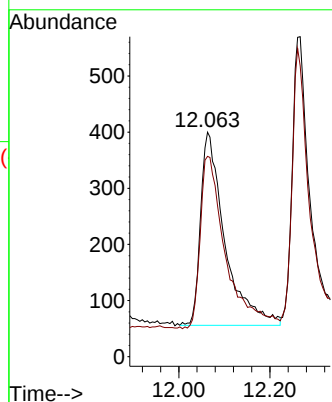
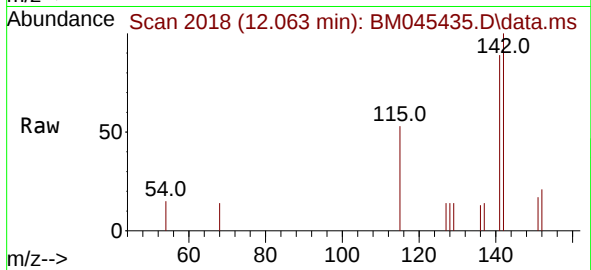




#7
2-Methylnaphthalene
Concen: 0.454 ng/ul
RT: 12.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BM045435.D
Acq: 20 Apr 2024 21:40

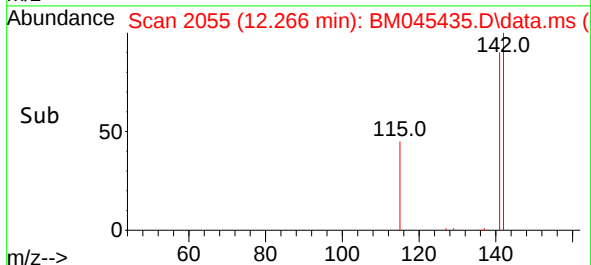
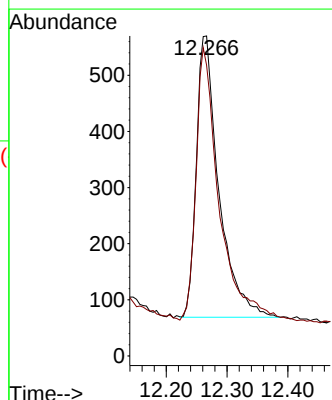
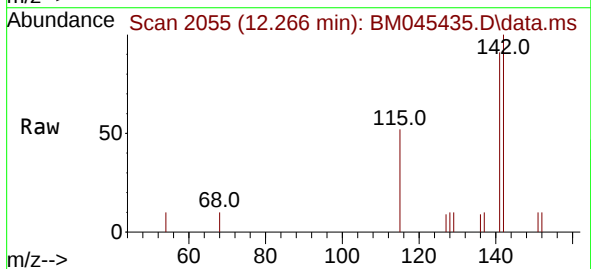
Instrument :
BNA_M
ClientSampleId :
SLCS333

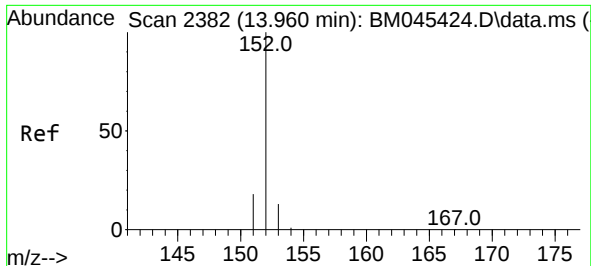
Tgt Ion:142 Resp: 1274
Ion Ratio Lower Upper
142 100
141 94.4 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.266 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BM045435.D
Acq: 20 Apr 2024 21:40

Tgt Ion:142 Resp: 1293
Ion Ratio Lower Upper
142 100
141 98.7 76.1 114.1

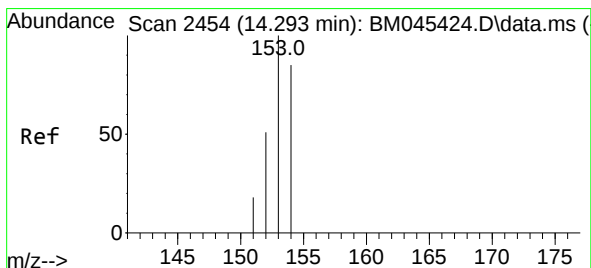
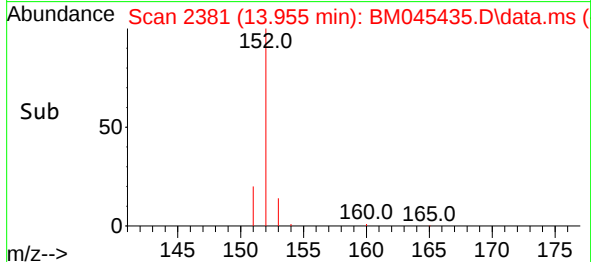
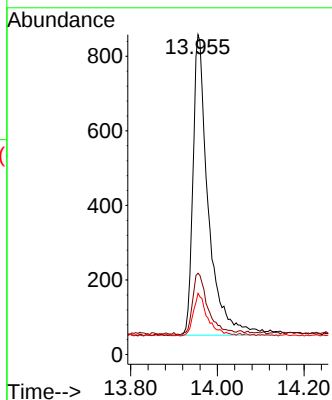
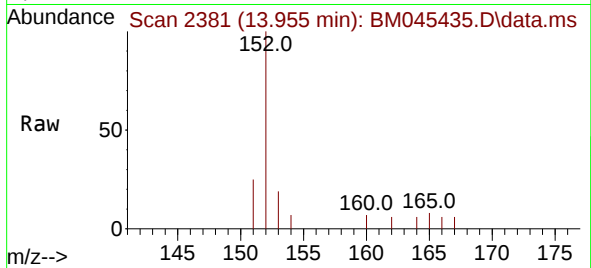




#10
Acenaphthylene
Concen: 0.420 ng/ul
RT: 13.955 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM045435.D
Acq: 20 Apr 2024 21:40

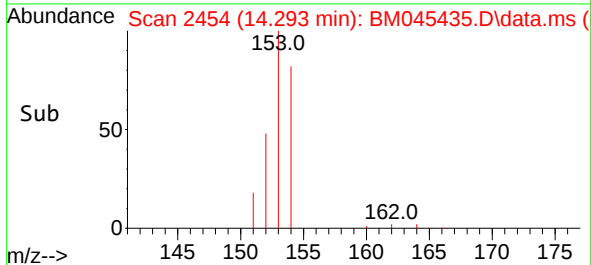
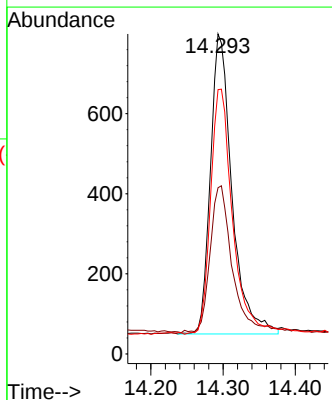
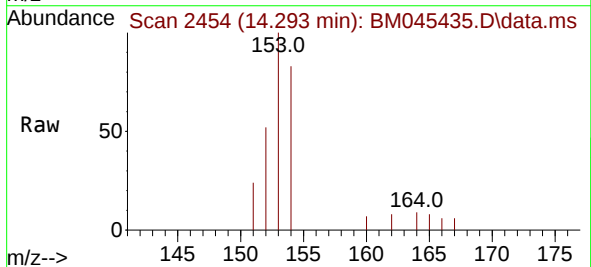
Instrument :
BNA_M
ClientSampleId :
SLCS333

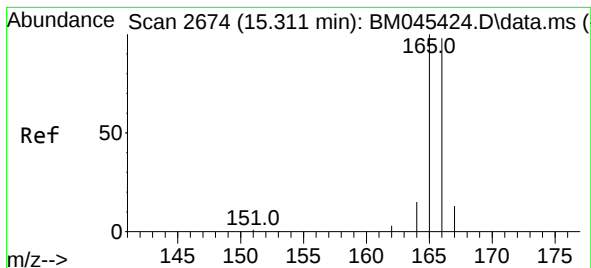
Tgt Ion:	152	Resp:	1990
Ion Ratio	Lower	Upper	
152	100		
151	25.4	18.6	28.0
153	19.1	14.1	21.1



#11
Acenaphthene
Concen: 0.440 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. 0.000 min
Lab File: BM045435.D
Acq: 20 Apr 2024 21:40

Tgt Ion:	153	Resp:	1548
Ion Ratio	Lower	Upper	
153	100		
152	51.9	43.4	65.2
154	82.6	69.0	103.6





#12

Fluorene

Concen: 0.422 ng/ul

RT: 15.311 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM045435.D

Acq: 20 Apr 2024 21:40

Instrument :

BNA_M

ClientSampleId :

SLCS333

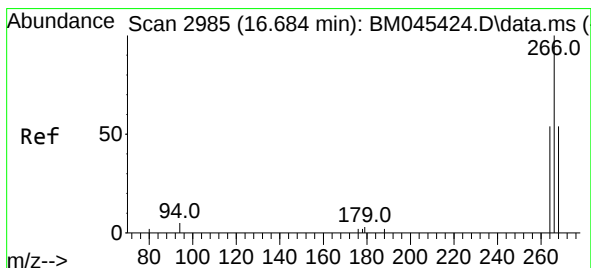
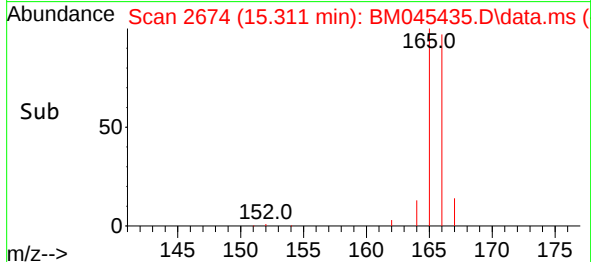
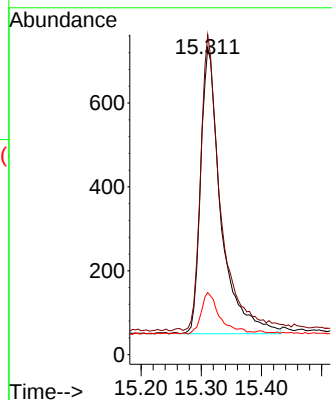
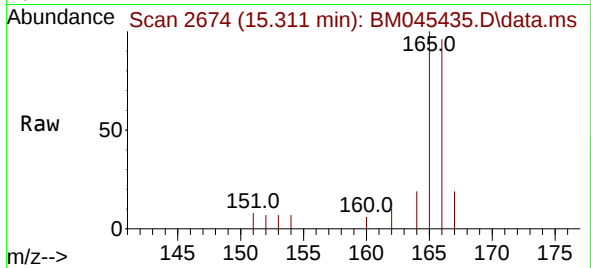
Tgt Ion:166 Resp: 1588

Ion Ratio Lower Upper

166 100

165 104.2 82.2 123.2

167 20.2 14.8 22.2



#14

Pentachlorophenol

Concen: 0.919 ng/ul

RT: 16.676 min Scan# 2983

Delta R.T. -0.008 min

Lab File: BM045435.D

Acq: 20 Apr 2024 21:40

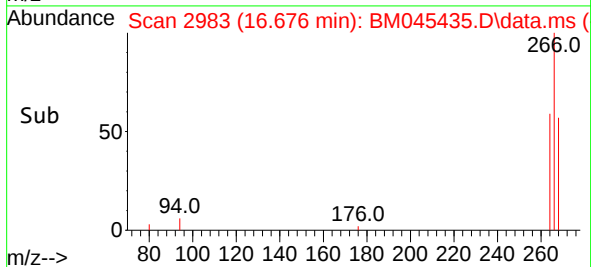
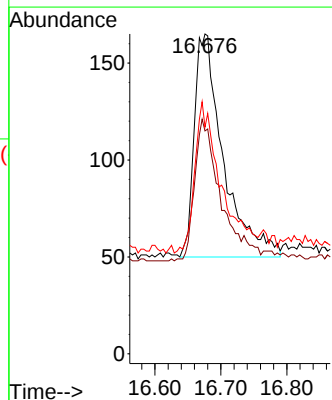
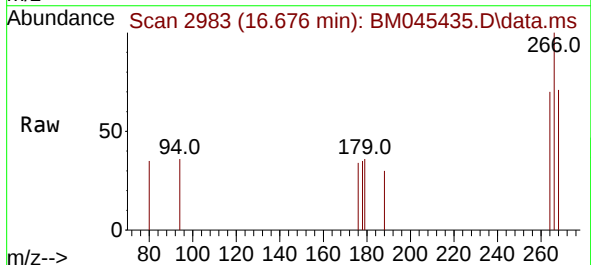
Tgt Ion:266 Resp: 351

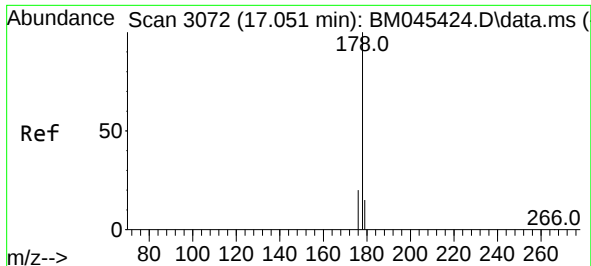
Ion Ratio Lower Upper

266 100

264 61.3 45.5 68.3

268 59.5 56.1 84.1

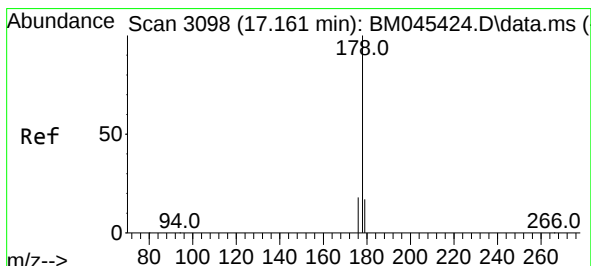
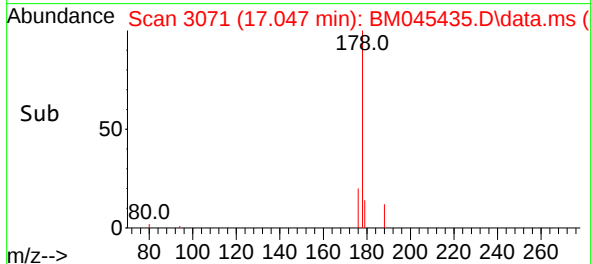
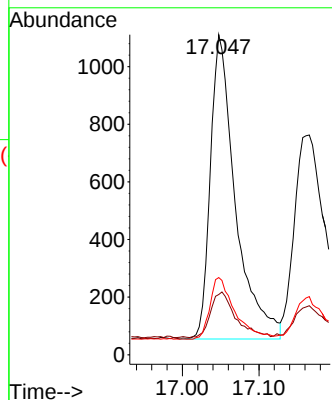
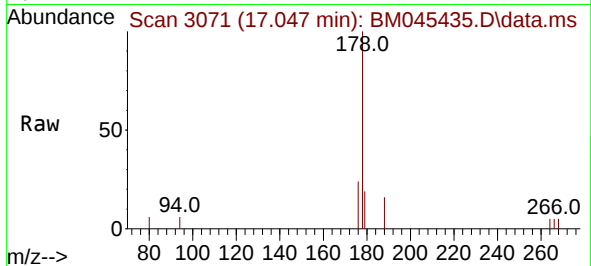




#15
Phenanthrene
Concen: 0.430 ng/ul
RT: 17.047 min Scan# 3072
Delta R.T. -0.004 min
Lab File: BM045435.D
Acq: 20 Apr 2024 21:40

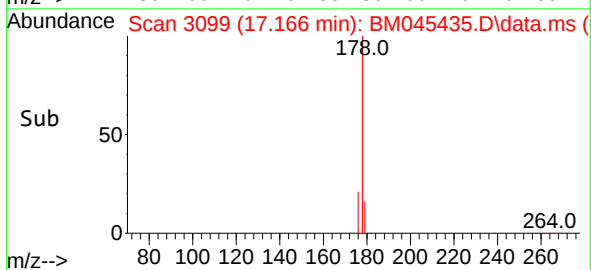
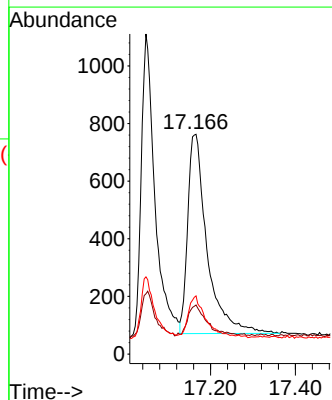
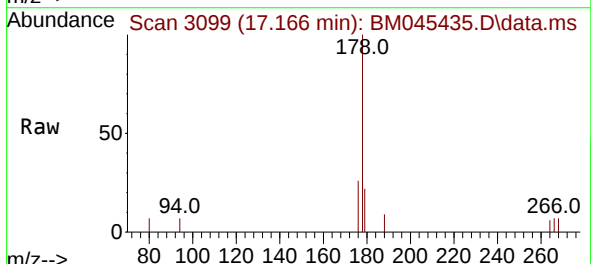
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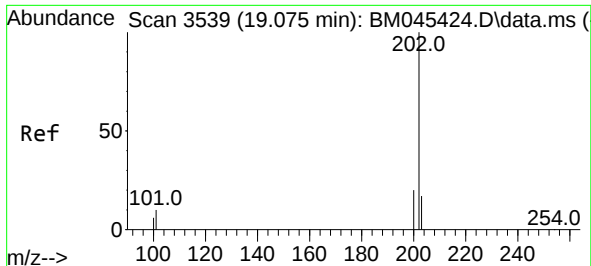
Tgt Ion:178	Resp:	2399
Ion Ratio	Lower	Upper
178	100	
179	18.8	15.4 23.2
176	24.1	19.0 28.4



#16
Anthracene
Concen: 0.420 ng/ul
RT: 17.166 min Scan# 3099
Delta R.T. 0.004 min
Lab File: BM045435.D
Acq: 20 Apr 2024 21:40

Tgt Ion:178	Resp:	2191
Ion Ratio	Lower	Upper
178	100	
179	22.3	17.8 26.6
176	26.5	18.7 28.1

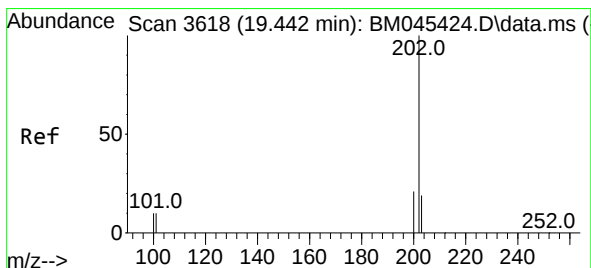
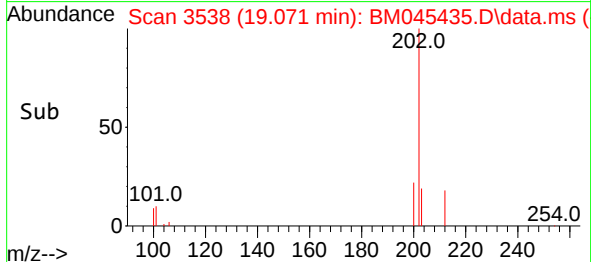
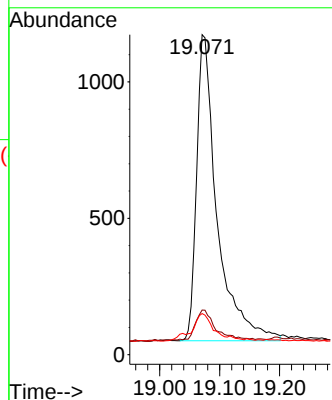
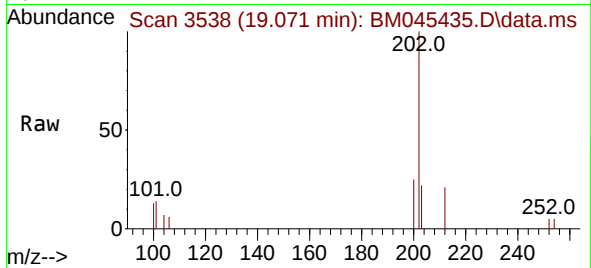




#19
Fluoranthene
Concen: 0.406 ng/ul
RT: 19.071 min Scan# 3539
Delta R.T. -0.004 min
Lab File: BM045435.D
Acq: 20 Apr 2024 21:40

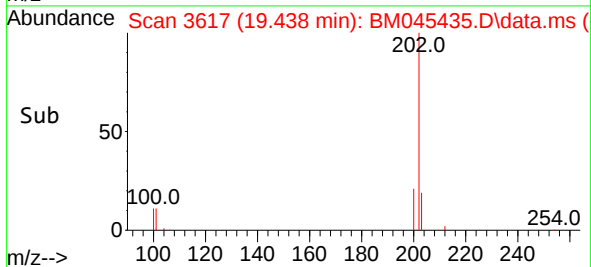
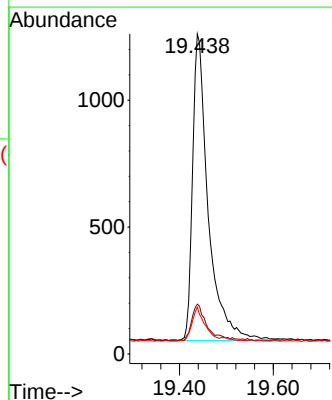
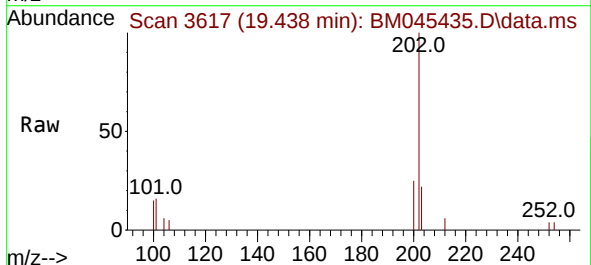
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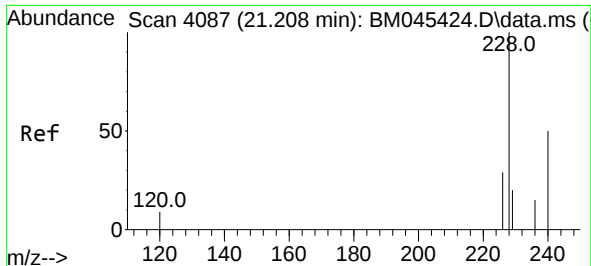
Tgt Ion:202 Resp: 2663
Ion Ratio Lower Upper
202 100
101 14.0 11.2 16.8
100 12.9 9.1 13.7



#20
Pyrene
Concen: 0.414 ng/ul
RT: 19.438 min Scan# 3617
Delta R.T. -0.004 min
Lab File: BM045435.D
Acq: 20 Apr 2024 21:40

Tgt Ion:202 Resp: 2797
Ion Ratio Lower Upper
202 100
101 15.5 11.5 17.3
100 14.6 10.6 15.8

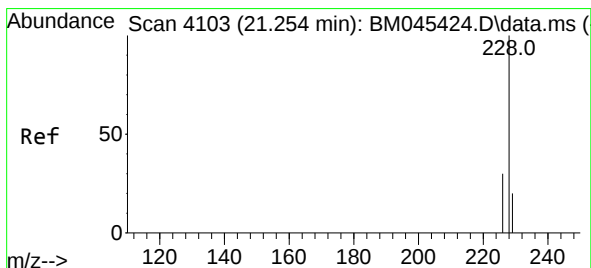
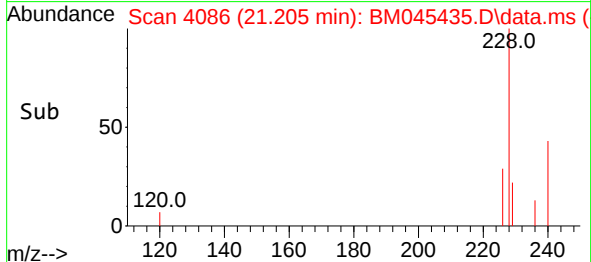
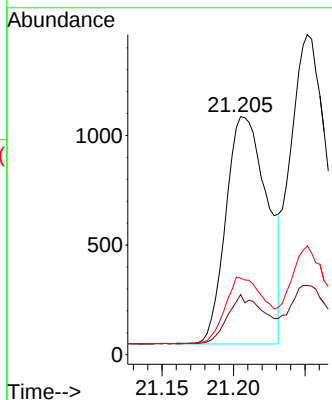
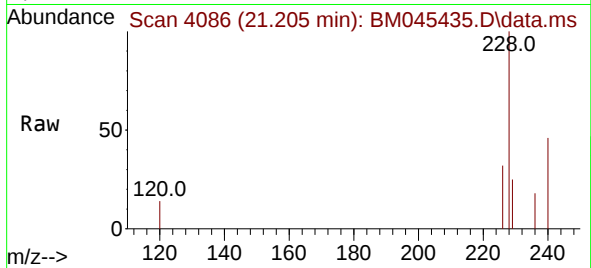




#21
Benzo(a)anthracene
Concen: 0.460 ng/ul
RT: 21.205 min Scan# 4086
Delta R.T. -0.003 min
Lab File: BM045435.D
Acq: 20 Apr 2024 21:40

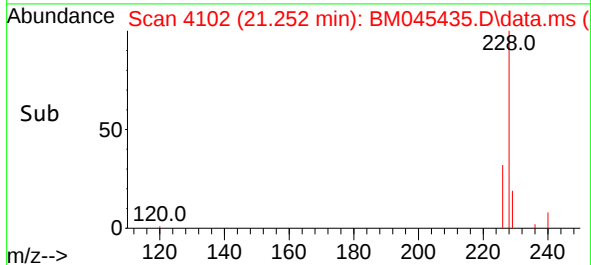
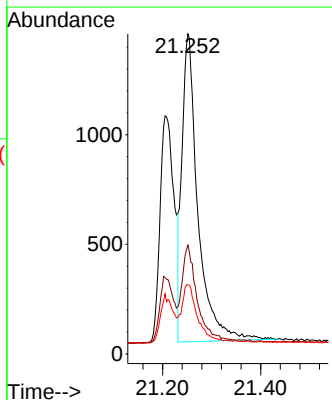
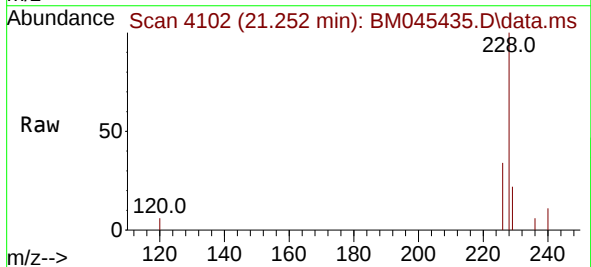
Instrument :
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SLCS333

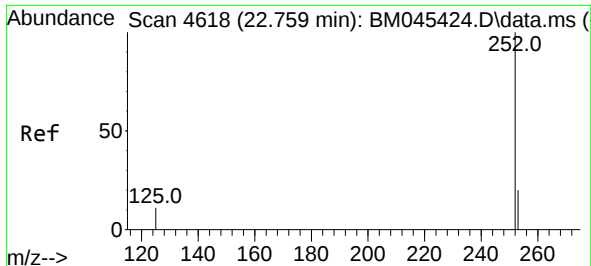
Tgt Ion:228 Resp: 2091
Ion Ratio Lower Upper
228 100
229 25.2 19.4 29.2
226 32.1 26.3 39.5



#22
Chrysene
Concen: 0.454 ng/ul
RT: 21.252 min Scan# 4102
Delta R.T. -0.003 min
Lab File: BM045435.D
Acq: 20 Apr 2024 21:40

Tgt Ion:228 Resp: 3174
Ion Ratio Lower Upper
228 100
226 34.0 26.3 39.5
229 21.6 17.8 26.8

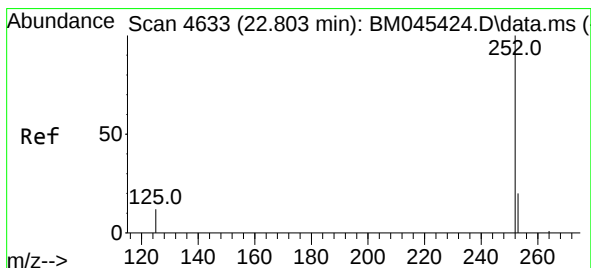
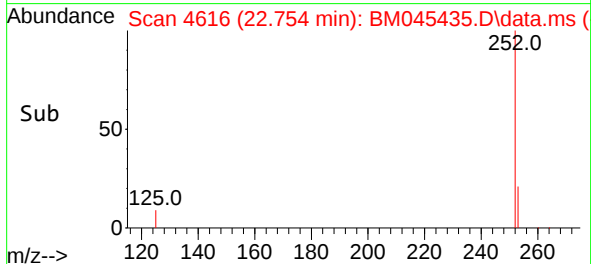
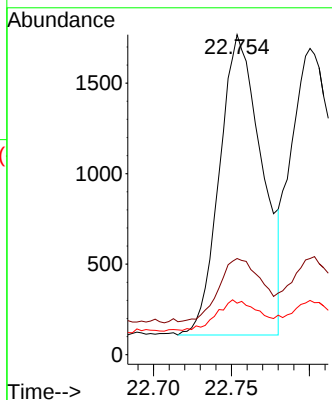
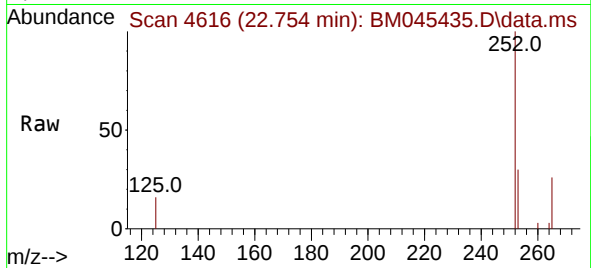




#24
Benzo(b)fluoranthene
Concen: 0.482 ng/ul
RT: 22.754 min Scan# 4616
Delta R.T. -0.006 min
Lab File: BM045435.D
Acq: 20 Apr 2024 21:40

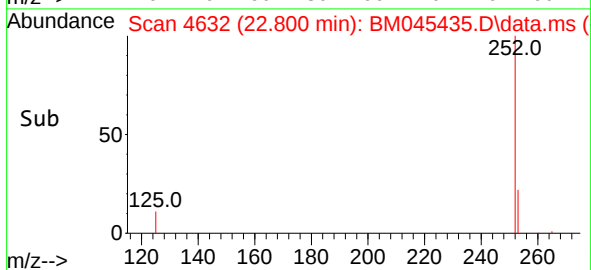
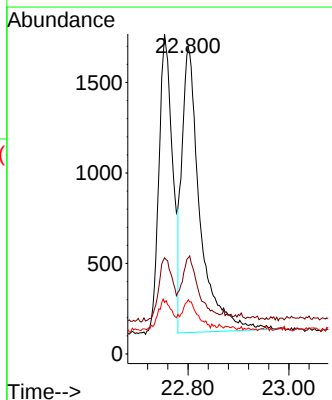
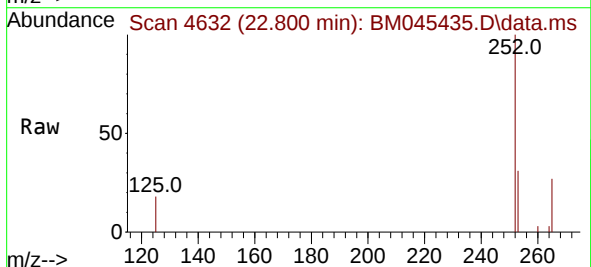
Instrument :
BNA_M
ClientSampleId :
SLCS333

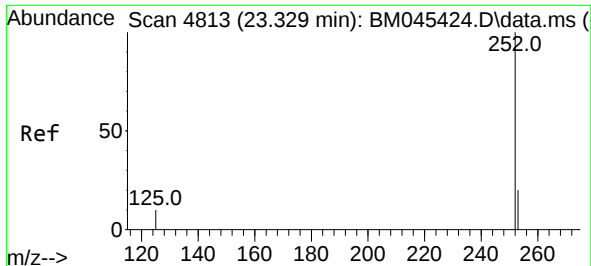
Tgt Ion:252 Resp: 3134
Ion Ratio Lower Upper
252 100
253 30.0 0.0 63.4
125 16.1 0.0 36.8



#25
Benzo(k)fluoranthene
Concen: 0.480 ng/ul
RT: 22.800 min Scan# 4632
Delta R.T. -0.003 min
Lab File: BM045435.D
Acq: 20 Apr 2024 21:40

Tgt Ion:252 Resp: 3936
Ion Ratio Lower Upper
252 100
253 31.4 25.4 38.0
125 17.7 14.8 22.2

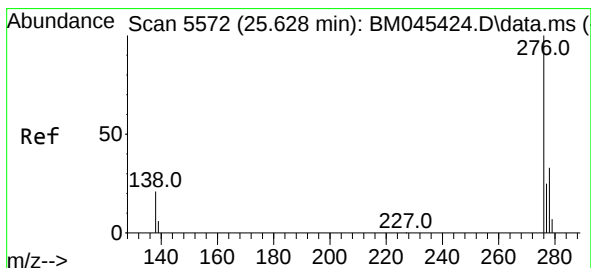
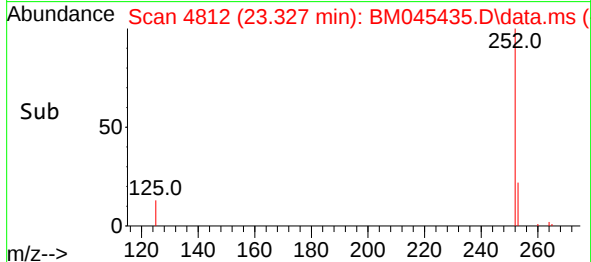
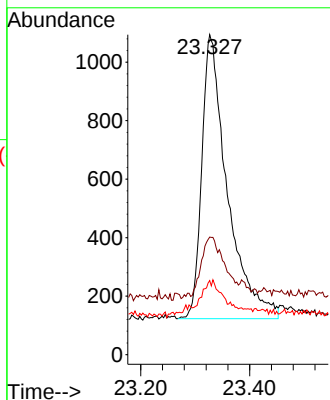
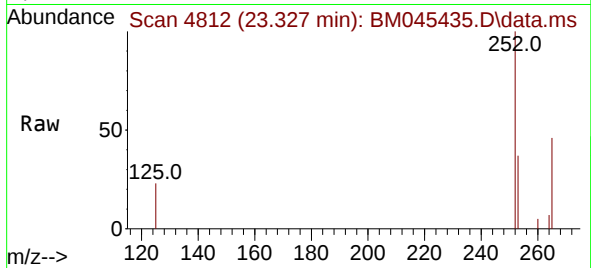




#26
Benzo(a)pyrene
Concen: 0.468 ng/ul
RT: 23.327 min Scan# 4813
Delta R.T. -0.003 min
Lab File: BM045435.D
Acq: 20 Apr 2024 21:40

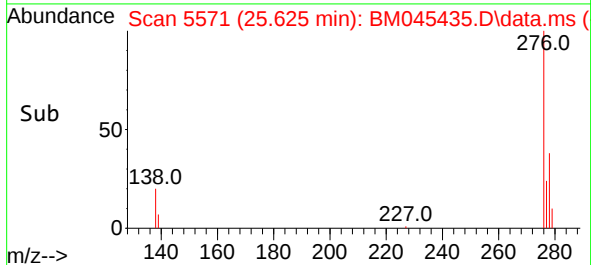
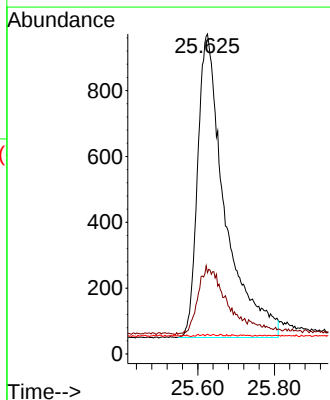
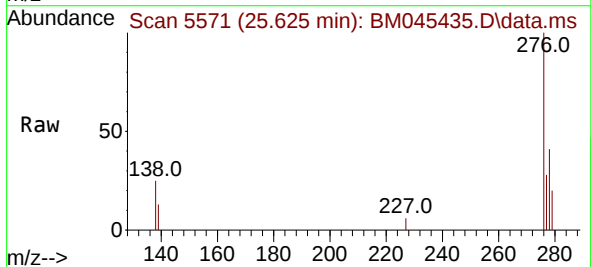
Instrument :
BNA_M
ClientSampleId :
SLCS333

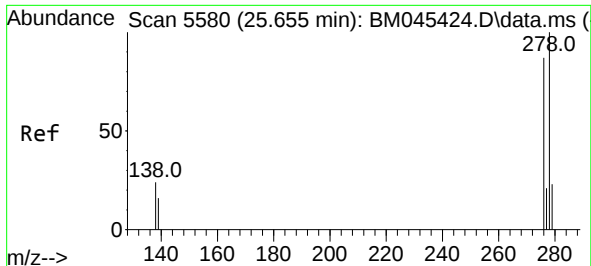
Tgt Ion:252	Resp:	3155
Ion Ratio	Lower	Upper
252	100	
253	36.7	31.6 47.4
125	23.1	19.5 29.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.466 ng/ul
RT: 25.625 min Scan# 5571
Delta R.T. -0.003 min
Lab File: BM045435.D
Acq: 20 Apr 2024 21:40

Tgt Ion:276	Resp:	4564
Ion Ratio	Lower	Upper
276	100	
138	22.3	19.8 29.6
227	0.0	0.2 0.2

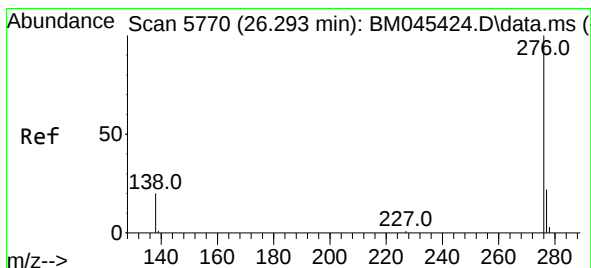
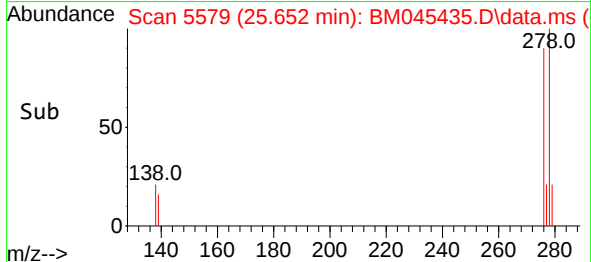
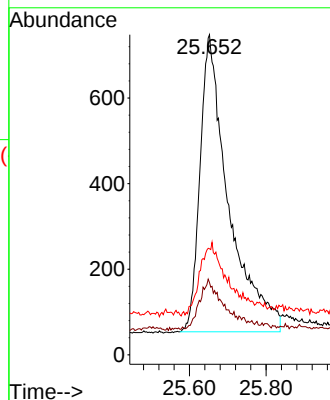
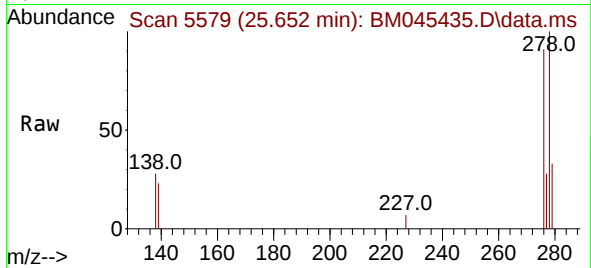




#28
Dibenzo(a,h)anthracene
Concen: 0.463 ng/ul
RT: 25.652 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM045435.D
Acq: 20 Apr 2024 21:40

Instrument :
BNA_M
ClientSampleId :
SLCS333

Tgt Ion:278 Resp: 3592
Ion Ratio Lower Upper
278 100
139 22.6 19.0 28.6
279 33.2 29.4 44.2



#29
Benzo(g,h,i)perylene
Concen: 0.466 ng/ul
RT: 26.286 min Scan# 5768
Delta R.T. -0.007 min
Lab File: BM045435.D
Acq: 20 Apr 2024 21:40

Tgt Ion:276 Resp: 4099
Ion Ratio Lower Upper
276 100
138 25.9 20.8 31.2
277 28.3 21.8 32.8

