

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
 Data File : BM044919.D
 Acq On : 04 Apr 2024 17:48
 Operator : MA/JU
 Sample : PB159948BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS948

Quant Time: Apr 04 18:17:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 03 23:34:03 2024
 Response via : Initial Calibration

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

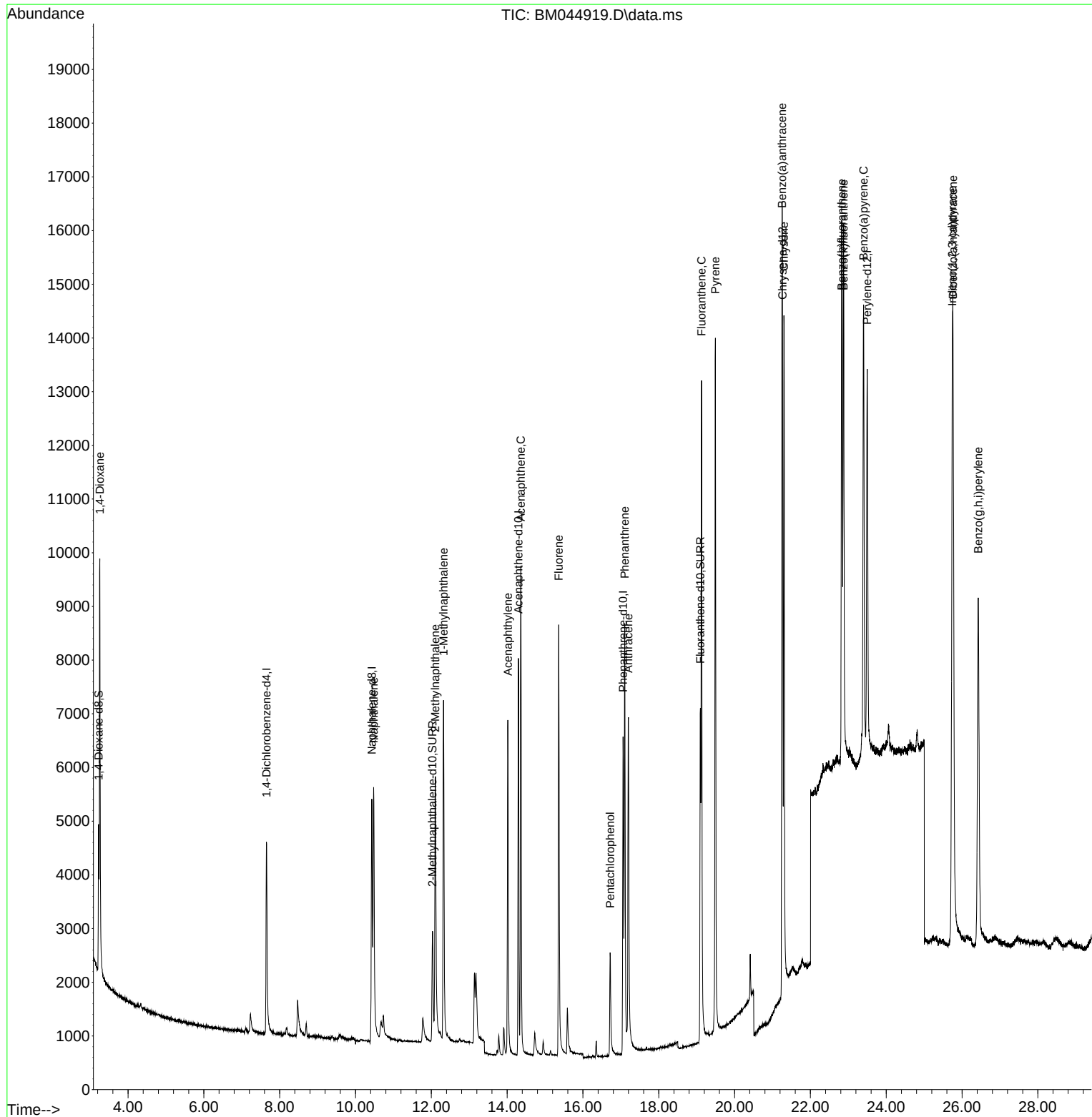
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	2440	0.400	ng/ul	0.00
4) Naphthalene-d8	10.429	136	8362	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.297	164	4377	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.060	188	8659	0.400	ng/ul	0.00
17) Chrysene-d12	21.266	240	8123	0.400	ng/ul	# 0.00
23) Perylene-d12	23.499	264	10201	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.226	96	1942	0.606	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.030	152	4128	0.364	ng/ul	-0.02
18) Fluoranthene-d10	19.099	212	8186	0.399	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.255	88	5625	1.831	ng/ul#	82
5) Naphthalene	10.479	128	8188	0.369	ng/ul	98
7) 2-Methylnaphthalene	12.107	142	5073	0.383	ng/ul	100
8) 1-Methylnaphthalene	12.321	142	5274	0.365	ng/ul	100
10) Acenaphthylene	14.020	152	8528	0.390	ng/ul	98
11) Acenaphthene	14.362	153	5895	0.377	ng/ul	98
12) Fluorene	15.361	166	6222	0.355	ng/ul	100
14) Pentachlorophenol	16.718	266	1887	0.929	ng/ul	98
15) Phenanthrene	17.102	178	9475	0.389	ng/ul	99
16) Anthracene	17.199	178	9664	0.402	ng/ul	99
19) Fluoranthene	19.126	202	11977	0.413	ng/ul	100
20) Pyrene	19.494	202	12720	0.415	ng/ul	100
21) Benzo(a)anthracene	21.251	228	12028	0.425	ng/ul	96
22) Chrysene	21.301	228	12946	0.367	ng/ul	95
24) Benzo(b)fluoranthene	22.826	252	13365	0.363	ng/ul	85
25) Benzo(k)fluoranthene	22.873	252	14979	0.363	ng/ul#	84
26) Benzo(a)pyrene	23.402	252	13380	0.380	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.742	276	17550	0.364	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.763	278	14142	0.370	ng/ul#	84
29) Benzo(g,h,i)perylene	26.427	276	14235	0.342	ng/ul#	89

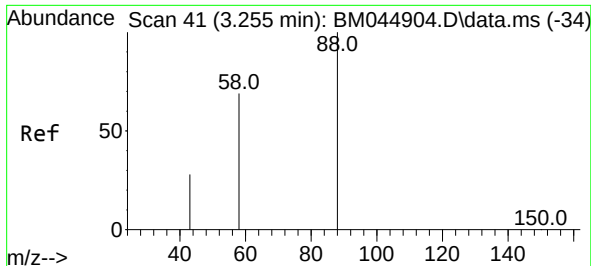
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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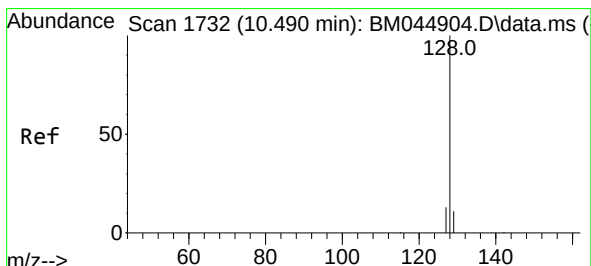
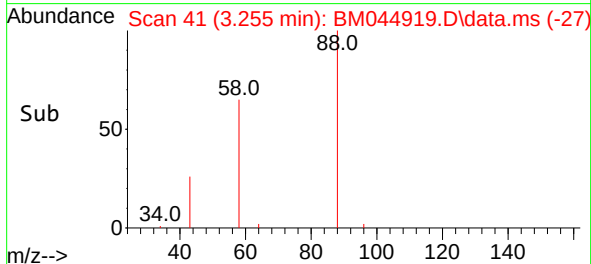
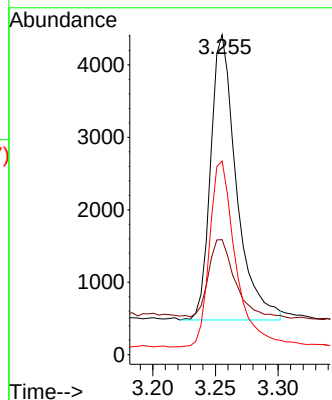
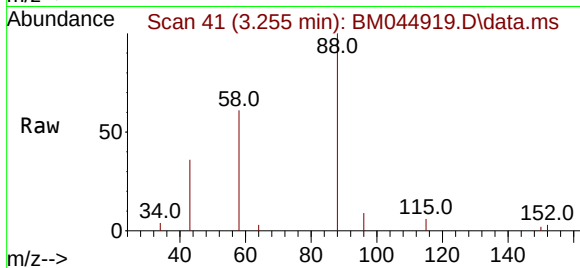




#2
 1,4-Dioxane
 Concen: 1.831 ng/ul
 RT: 3.255 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BM044919.D
 Acq: 04 Apr 2024 17:48

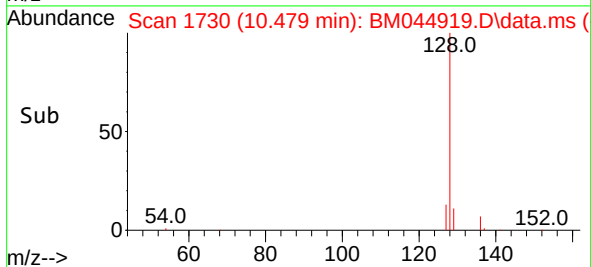
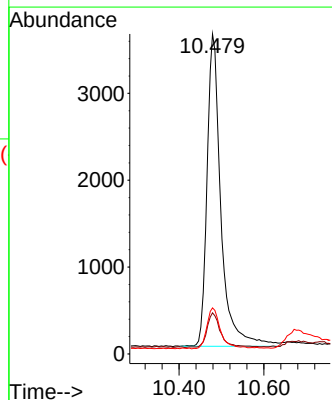
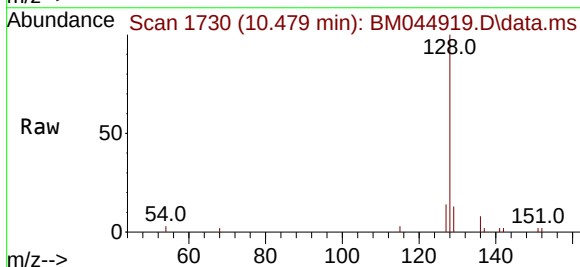
Instrument :
 BNA_M
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 SLCS948

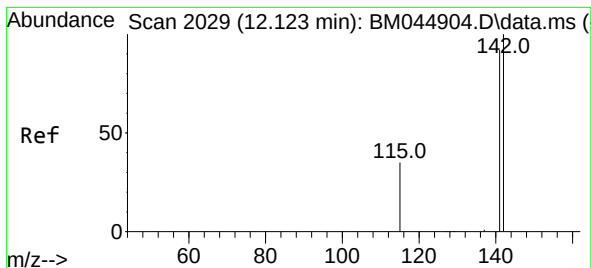
Tgt Ion: 88 Resp: 5625
 Ion Ratio Lower Upper
 88 100
 43 35.9 30.6 46.0
 58 60.5 32.6 48.8#



#5
 Naphthalene
 Concen: 0.369 ng/ul
 RT: 10.479 min Scan# 1730
 Delta R.T. -0.017 min
 Lab File: BM044919.D
 Acq: 04 Apr 2024 17:48

Tgt Ion: 128 Resp: 8188
 Ion Ratio Lower Upper
 128 100
 129 12.8 11.3 16.9
 127 14.4 11.9 17.9

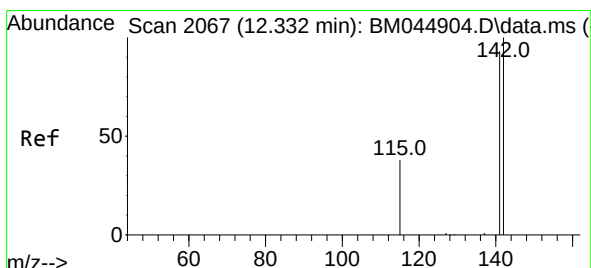
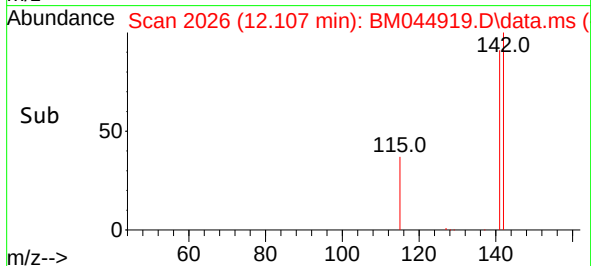
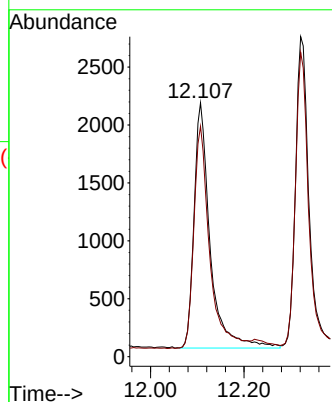
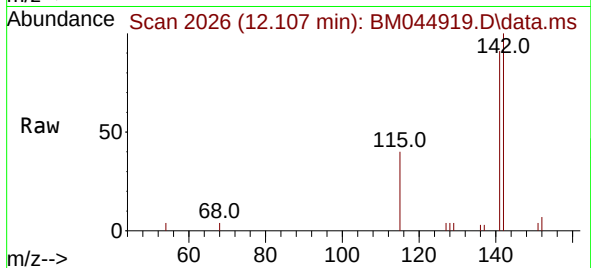




#7
2-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.107 min Scan# 2026
Delta R.T. -0.022 min
Lab File: BM044919.D
Acq: 04 Apr 2024 17:48

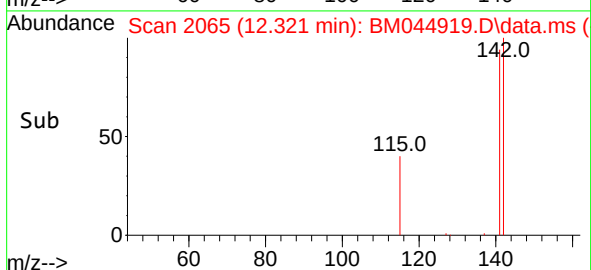
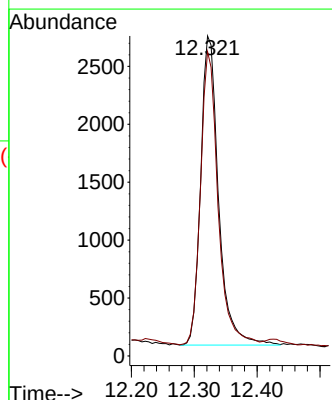
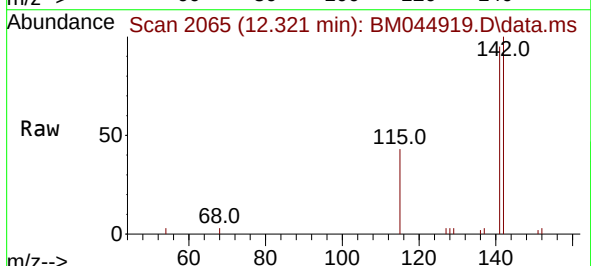
Instrument :
BNA_M
ClientSampleId :
SLCS948

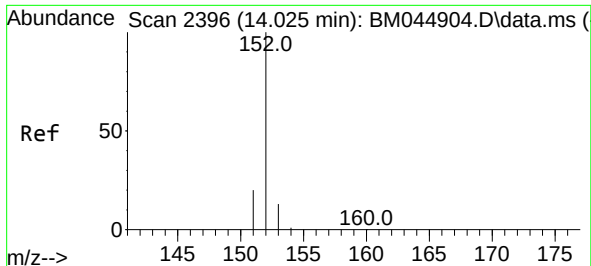
Tgt Ion:142 Resp: 5073
Ion Ratio Lower Upper
142 100
141 92.5 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.321 min Scan# 2065
Delta R.T. -0.017 min
Lab File: BM044919.D
Acq: 04 Apr 2024 17:48

Tgt Ion:142 Resp: 5274
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.2

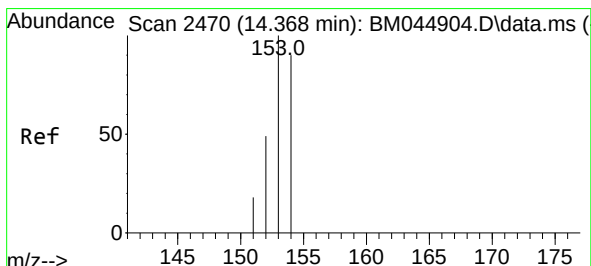
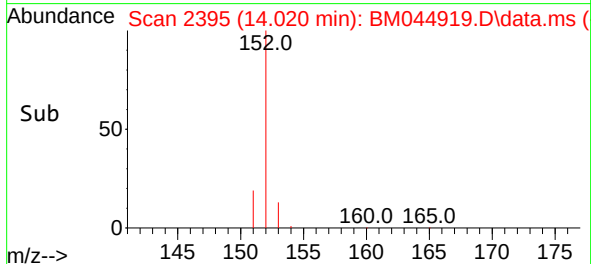
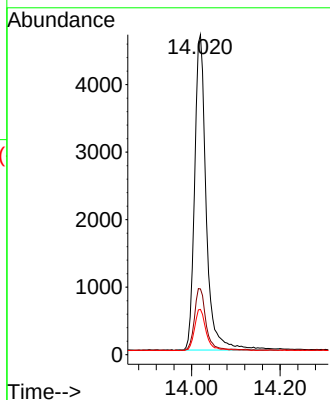
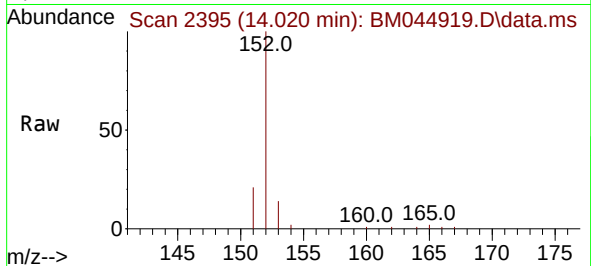




#10
Acenaphthylene
Concen: 0.390 ng/ul
RT: 14.020 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM044919.D
Acq: 04 Apr 2024 17:48

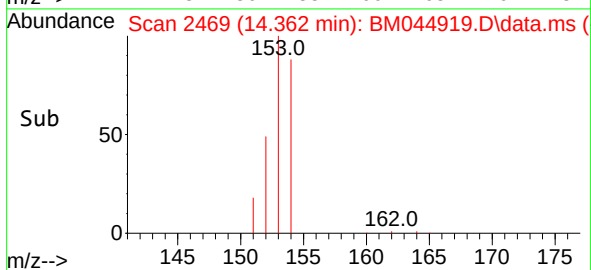
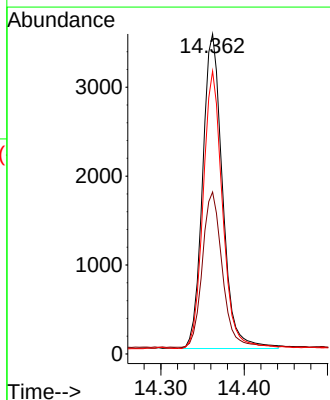
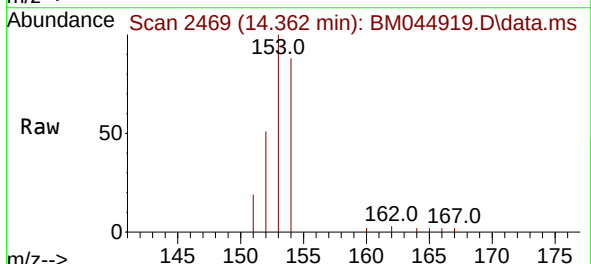
Instrument :
BNA_M
ClientSampleId :
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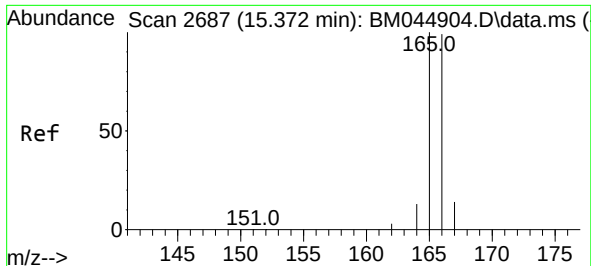
Tgt Ion:152 Resp: 8528
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.4
153 14.1 11.9 17.9



#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.362 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BM044919.D
Acq: 04 Apr 2024 17:48

Tgt Ion:153 Resp: 5895
Ion Ratio Lower Upper
153 100
152 50.6 41.2 61.8
154 88.4 69.4 104.0

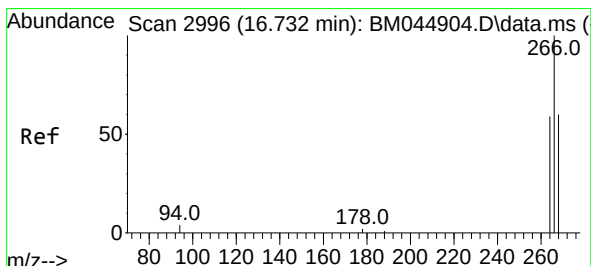
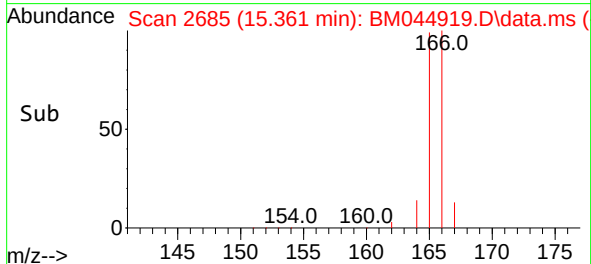
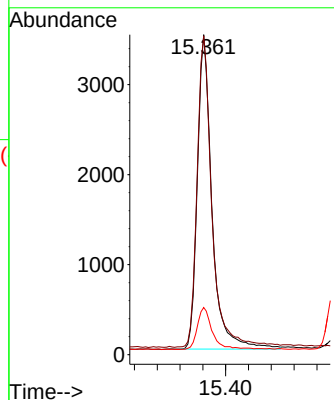
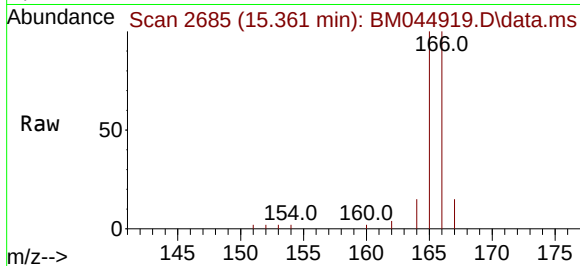




#12
Fluorene
Concen: 0.355 ng/ul
RT: 15.361 min Scan# 2093
Delta R.T. -0.014 min
Lab File: BM044919.D
Acq: 04 Apr 2024 17:48

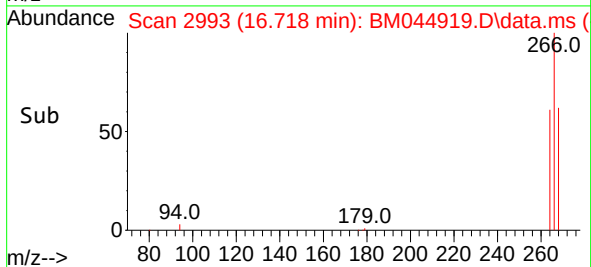
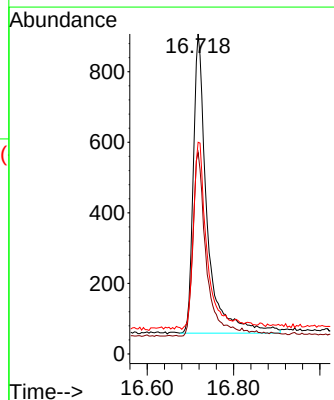
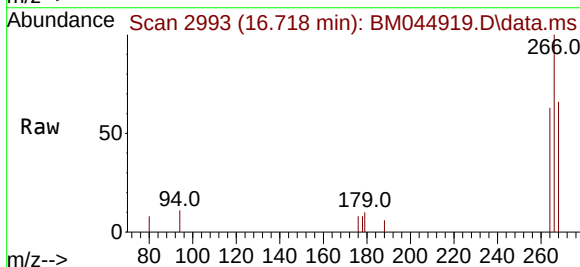
Instrument :
BNA_M
ClientSampleId :
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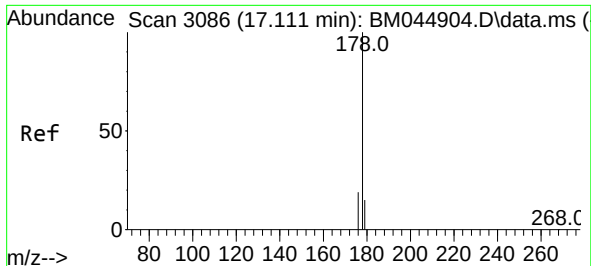
Tgt Ion:166 Resp: 6222
Ion Ratio Lower Upper
166 100
165 99.7 79.9 119.9
167 14.7 12.2 18.2



#14
Pentachlorophenol
Concen: 0.929 ng/ul
RT: 16.718 min Scan# 2993
Delta R.T. -0.017 min
Lab File: BM044919.D
Acq: 04 Apr 2024 17:48

Tgt Ion:266 Resp: 1887
Ion Ratio Lower Upper
266 100
264 61.0 48.3 72.5
268 63.6 52.6 79.0

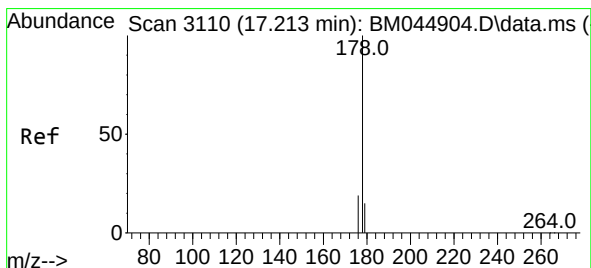
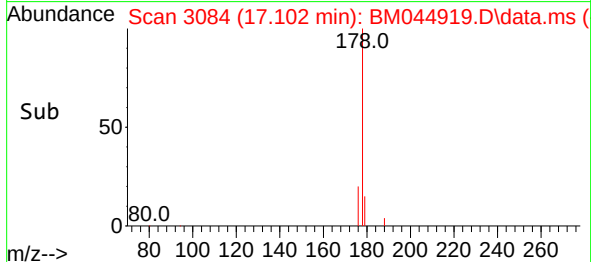
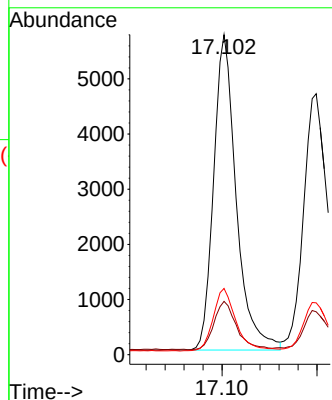
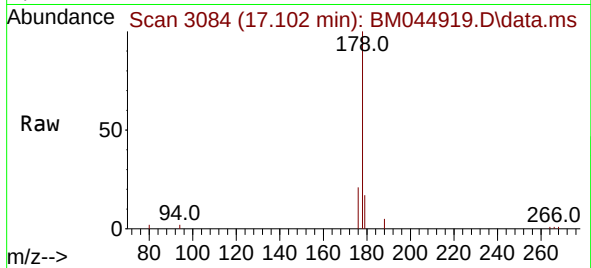




#15
Phenanthrene
Concen: 0.389 ng/ul
RT: 17.102 min Scan# 3107
Delta R.T. -0.009 min
Lab File: BM044919.D
Acq: 04 Apr 2024 17:48

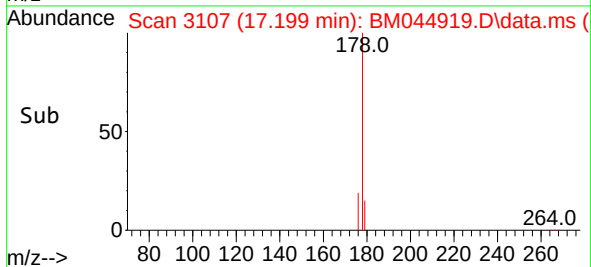
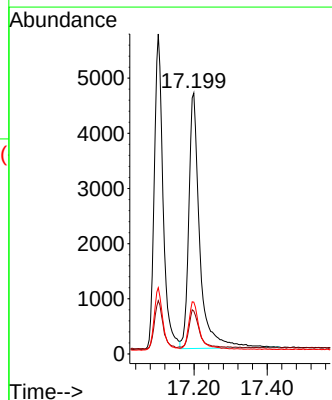
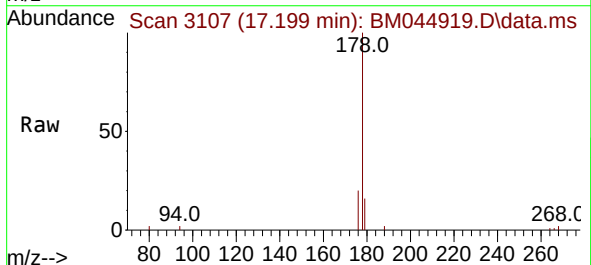
Instrument :
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SLCS948

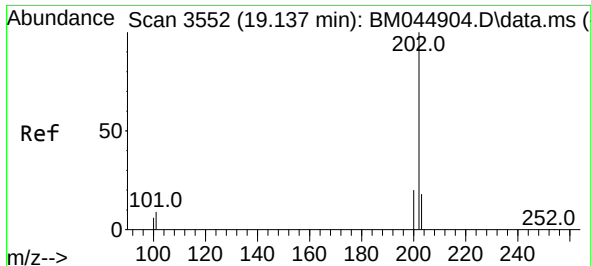
Tgt Ion:178 Resp: 9475
Ion Ratio Lower Upper
178 100
179 16.6 13.7 20.5
176 20.7 17.0 25.4



#16
Anthracene
Concen: 0.402 ng/ul
RT: 17.199 min Scan# 3107
Delta R.T. -0.013 min
Lab File: BM044919.D
Acq: 04 Apr 2024 17:48

Tgt Ion:178 Resp: 9664
Ion Ratio Lower Upper
178 100
179 16.5 13.8 20.8
176 19.9 16.2 24.4

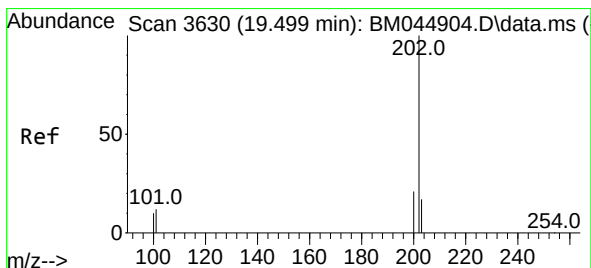
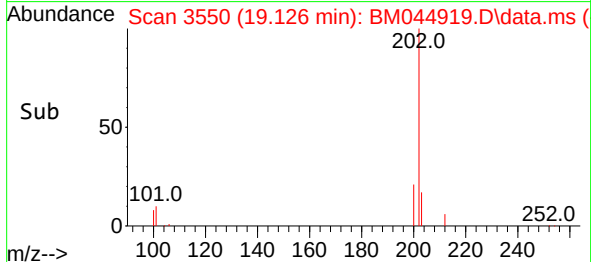
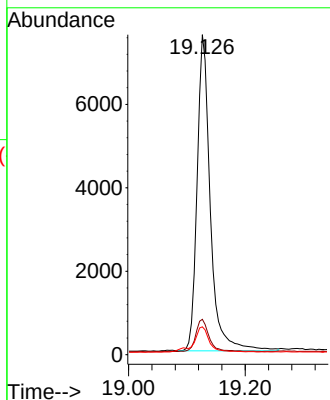
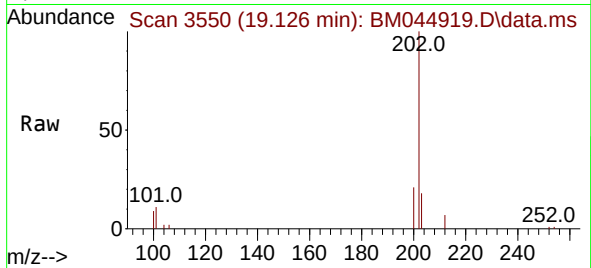




#19
Fluoranthene
Concen: 0.413 ng/ul
RT: 19.126 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM044919.D
Acq: 04 Apr 2024 17:48

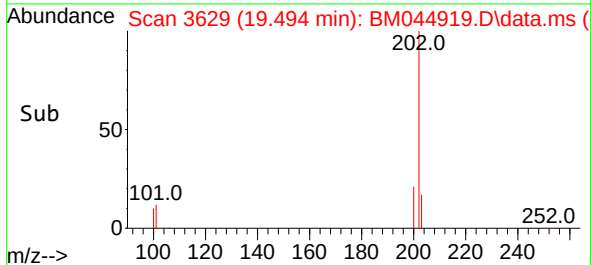
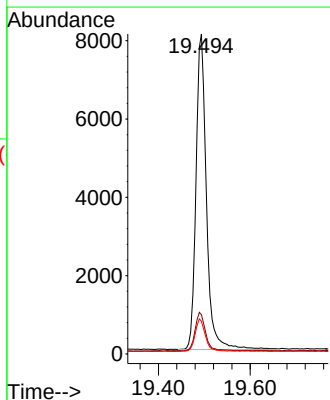
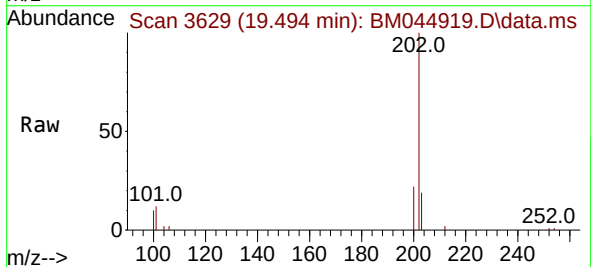
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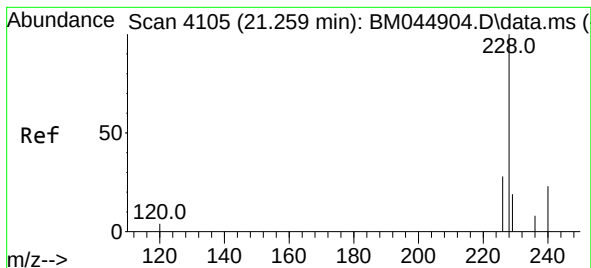
Tgt Ion:202 Resp: 11977
Ion Ratio Lower Upper
202 100
101 11.0 8.8 13.2
100 8.7 7.0 10.4



#20
Pyrene
Concen: 0.415 ng/ul
RT: 19.494 min Scan# 3629
Delta R.T. -0.009 min
Lab File: BM044919.D
Acq: 04 Apr 2024 17:48

Tgt Ion:202 Resp: 12720
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.6
100 10.3 8.1 12.1





#21

Benzo(a)anthracene

Concen: 0.425 ng/ul

RT: 21.251 min Scan# 4119

Delta R.T. -0.009 min

Lab File: BM044919.D

Acq: 04 Apr 2024 17:48

Instrument :

BNA_M

ClientSampleId :

SLCS948

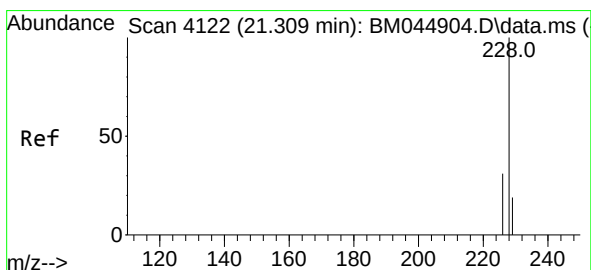
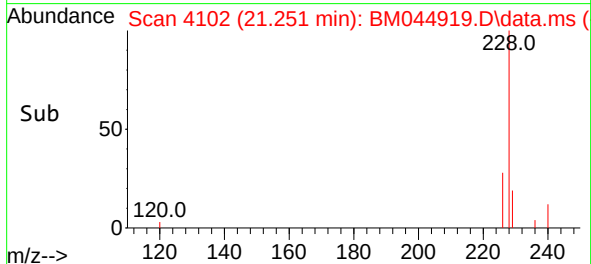
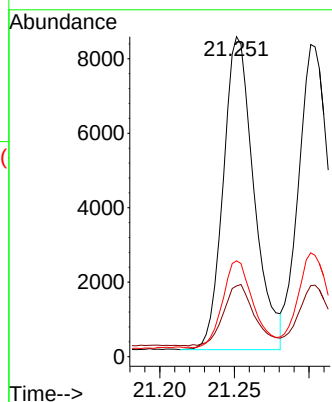
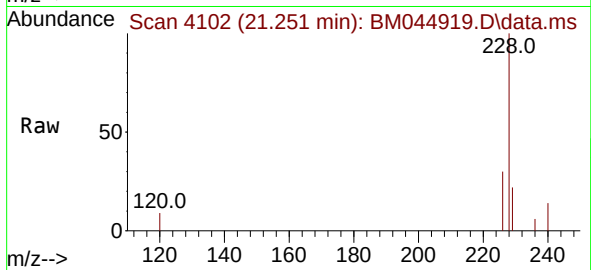
Tgt Ion:228 Resp: 12028

Ion Ratio Lower Upper

228 100

229 22.1 16.4 24.6

226 30.0 22.3 33.5



#22

Chrysene

Concen: 0.367 ng/ul

RT: 21.301 min Scan# 4119

Delta R.T. -0.009 min

Lab File: BM044919.D

Acq: 04 Apr 2024 17:48

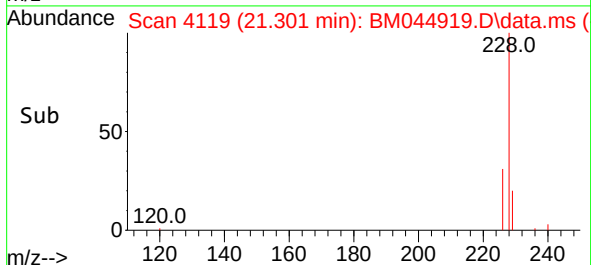
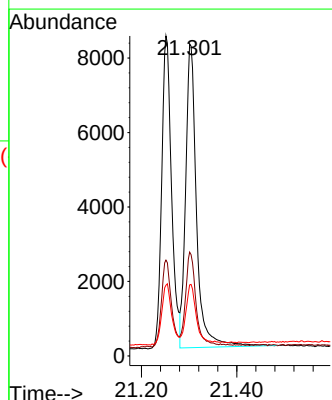
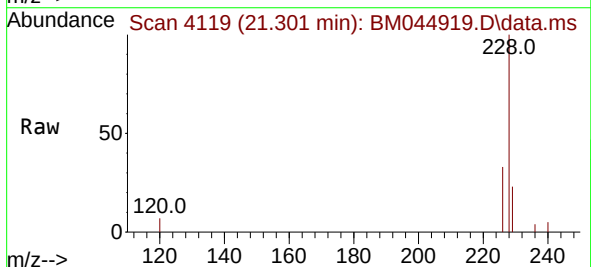
Tgt Ion:228 Resp: 12946

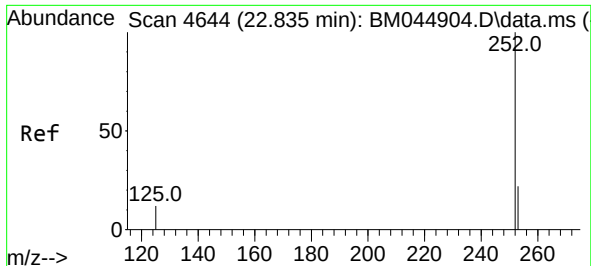
Ion Ratio Lower Upper

228 100

226 33.3 24.9 37.3

229 22.8 15.9 23.9

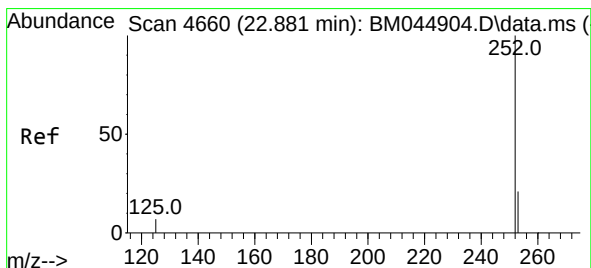
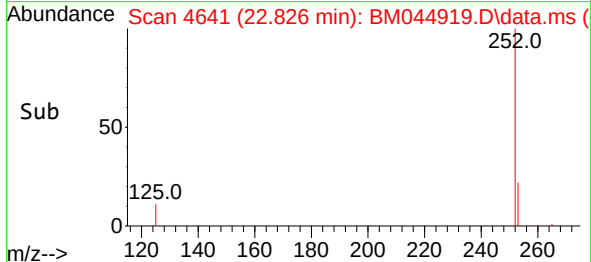
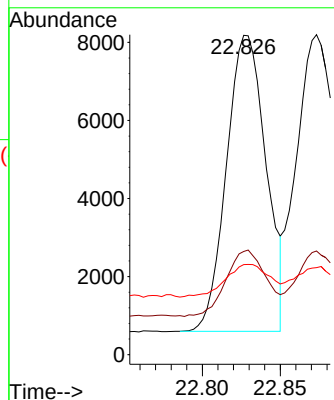
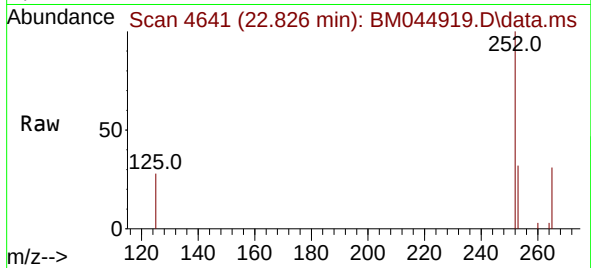




#24
Benzo(b)fluoranthene
Concen: 0.363 ng/ul
RT: 22.826 min Scan# 4641
Delta R.T. -0.009 min
Lab File: BM044919.D
Acq: 04 Apr 2024 17:48

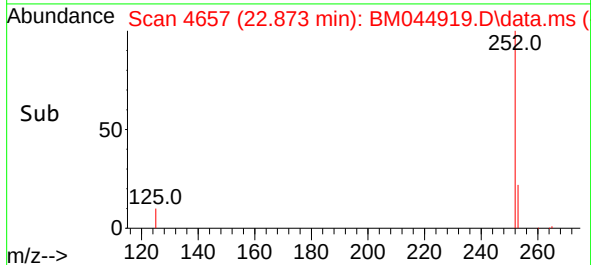
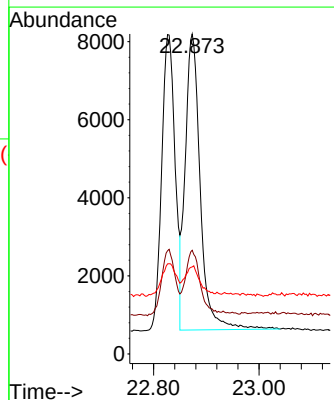
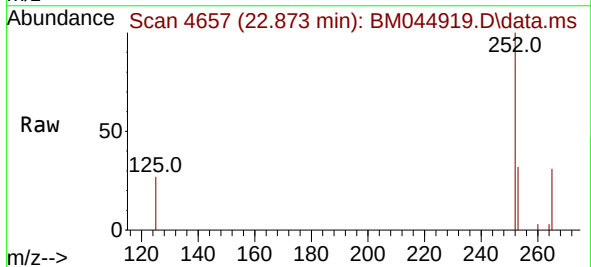
Instrument :
BNA_M
ClientSampleId :
SLCS948

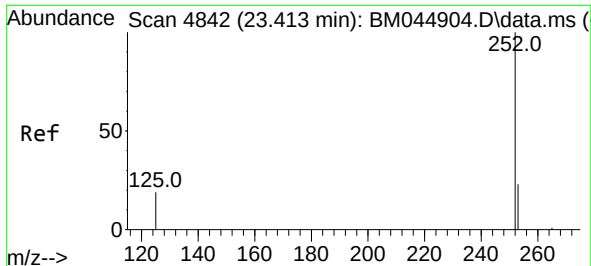
Tgt Ion:252 Resp: 13365
Ion Ratio Lower Upper
252 100
253 32.3 0.0 56.4
125 28.2 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.363 ng/ul
RT: 22.873 min Scan# 4657
Delta R.T. -0.009 min
Lab File: BM044919.D
Acq: 04 Apr 2024 17:48

Tgt Ion:252 Resp: 14979
Ion Ratio Lower Upper
252 100
253 32.4 22.3 33.5
125 27.2 11.6 17.4#

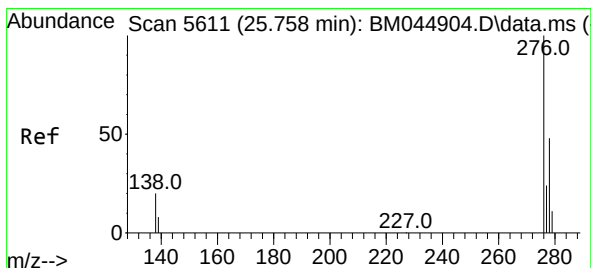
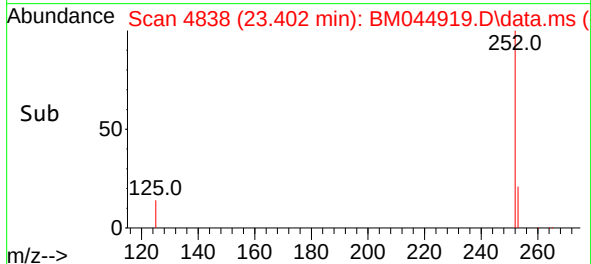
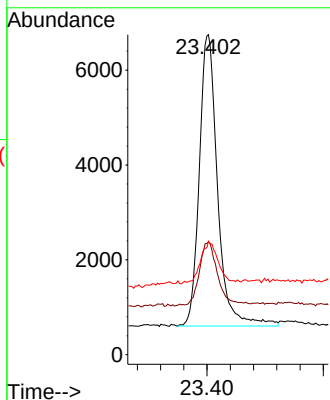
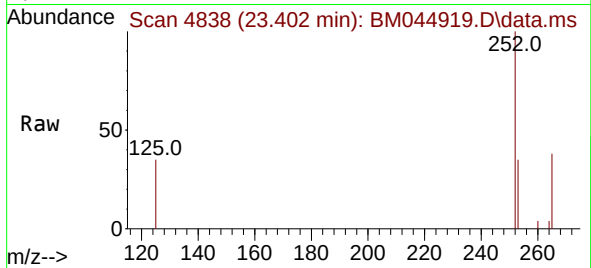




#26
Benzo(a)pyrene
Concen: 0.380 ng/ul
RT: 23.402 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM044919.D
Acq: 04 Apr 2024 17:48

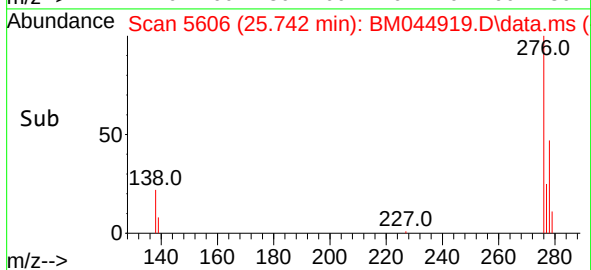
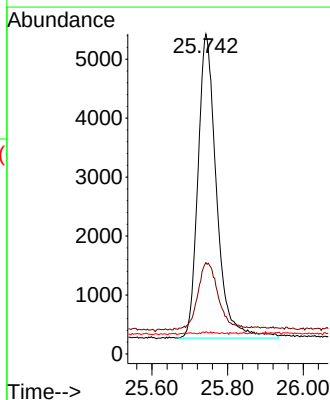
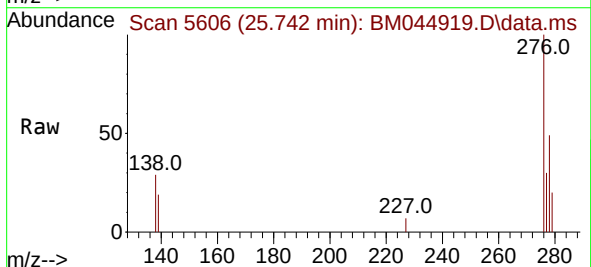
Instrument :
BNA_M
ClientSampleId :
SLCS948

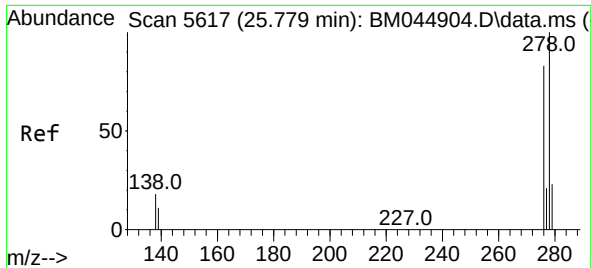
Tgt Ion:252 Resp: 13380
Ion Ratio Lower Upper
252 100
253 35.3 24.6 37.0
125 35.5 18.2 27.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng/ul
RT: 25.742 min Scan# 5606
Delta R.T. -0.014 min
Lab File: BM044919.D
Acq: 04 Apr 2024 17:48

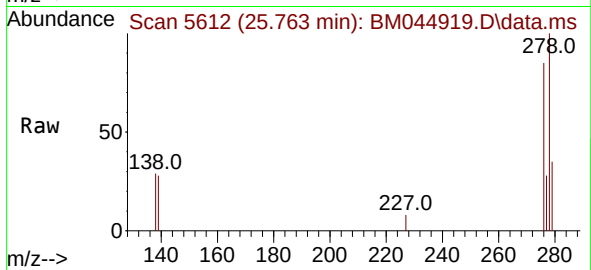
Tgt Ion:276 Resp: 17550
Ion Ratio Lower Upper
276 100
138 24.8 0.0 0.0#
227 0.1 0.1 0.1



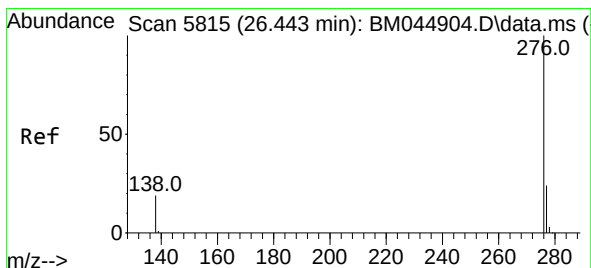
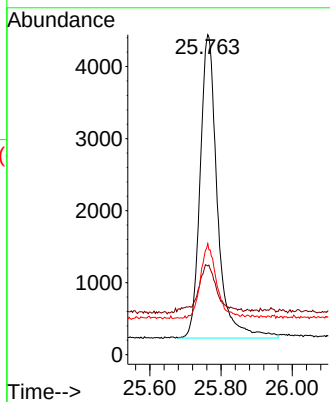
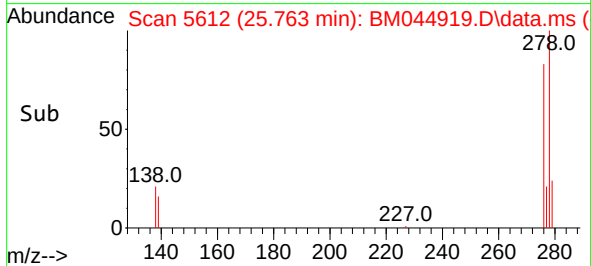


#28
Dibenzo(a,h)anthracene
Concen: 0.370 ng/ul
RT: 25.763 min Scan# 5612
Delta R.T. -0.020 min
Lab File: BM044919.D
Acq: 04 Apr 2024 17:48

Instrument :
BNA_M
ClientSampleId :
SLCS948



Tgt Ion:278 Resp: 14142
Ion Ratio Lower Upper
278 100
139 27.8 13.6 20.4#
279 34.7 23.0 34.4#



#29
Benzo(g,h,i)perylene
Concen: 0.342 ng/ul
RT: 26.427 min Scan# 5810
Delta R.T. -0.014 min
Lab File: BM044919.D
Acq: 04 Apr 2024 17:48

Tgt Ion:276 Resp: 14235
Ion Ratio Lower Upper
276 100
138 28.0 16.8 25.2#
277 29.5 20.3 30.5

