

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
 Data File : BM034943.D
 Acq On : 04 May 2022 23:15
 Operator : CG/JU
 Sample : PB144570BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS570

Quant Time: May 05 04:14:20 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 02:59:36 2022
 Response via : Initial Calibration

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

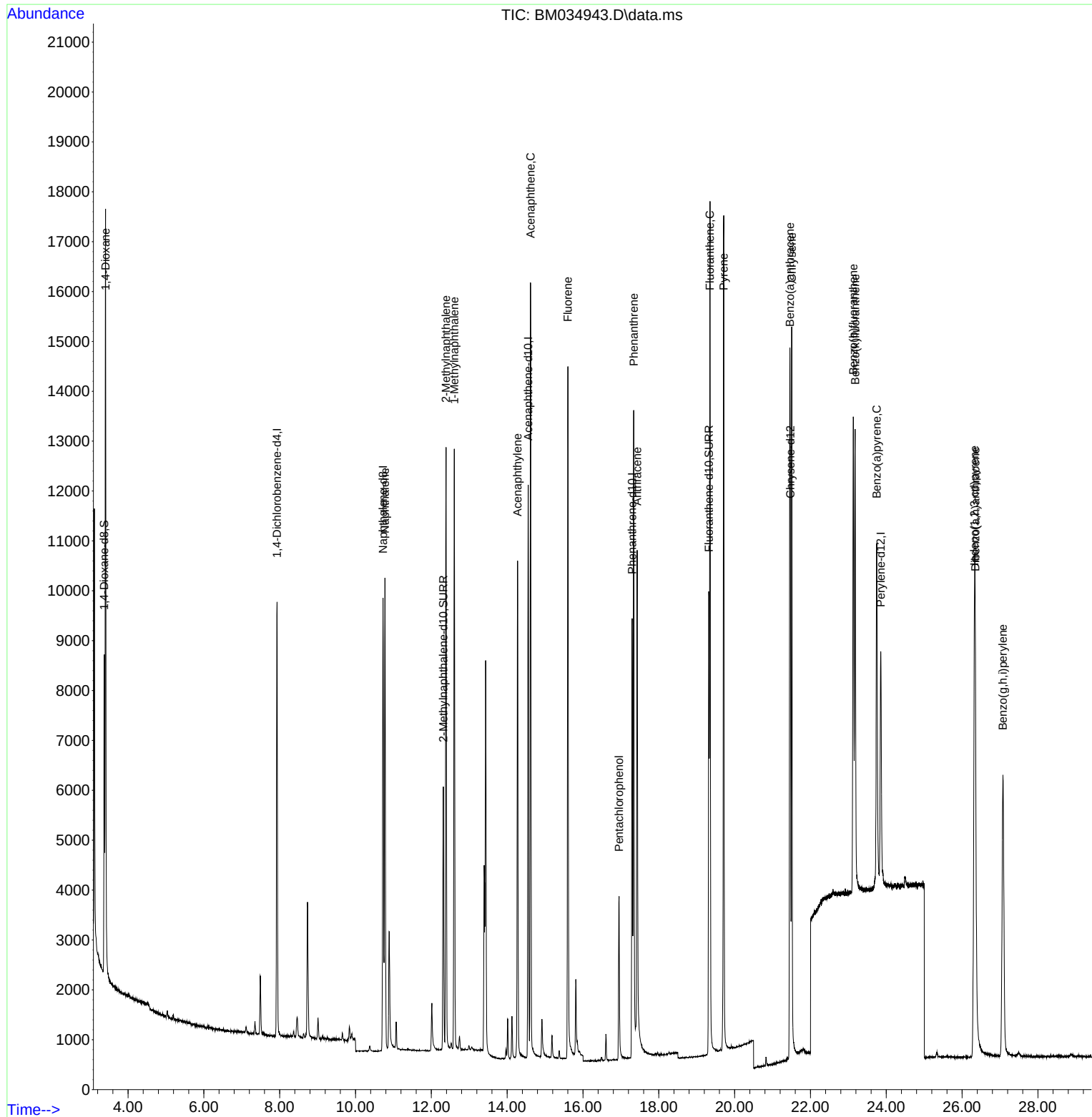
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	4603	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	12222	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.557	164	6336	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	11309	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	7361	0.400	ng/ul #	0.00
23) Perylene-d12	23.855	264	6890	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	3686	0.724	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	6845	0.398	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	10433	0.449	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.407	88	9270	1.913	ng/ul#	82
5) Naphthalene	10.776	128	13054	0.374	ng/ul#	88
7) 2-Methylnaphthalene	12.387	142	8236	0.355	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	8197	0.359	ng/ul	100
10) Acenaphthylene	14.275	152	11570	0.418	ng/ul#	90
11) Acenaphthene	14.617	153	8896	0.380	ng/ul	97
12) Fluorene	15.603	166	9538	0.361	ng/ul#	97
14) Pentachlorophenol	16.951	266	2407	0.717	ng/ul	98
15) Phenanthrene	17.339	178	14256	0.381	ng/ul	95
16) Anthracene	17.428	178	12434	0.373	ng/ul	93
19) Fluoranthene	19.350	202	14959	0.423	ng/ul	99
20) Pyrene	19.713	202	14905	0.420	ng/ul	99
21) Benzo(a)anthracene	21.455	228	11292	0.394	ng/ul	98
22) Chrysene	21.508	228	12747	0.417	ng/ul	98
24) Benzo(b)fluoranthene	23.133	252	12656	0.402	ng/ul	91
25) Benzo(k)fluoranthene	23.179	252	12660	0.403	ng/ul#	90
26) Benzo(a)pyrene	23.750	252	11584	0.451	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.325	276	14718	0.408	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.349	278	11884	0.405	ng/ul	92
29) Benzo(g,h,i)perylene	27.076	276	12908	0.415	ng/ul#	92

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

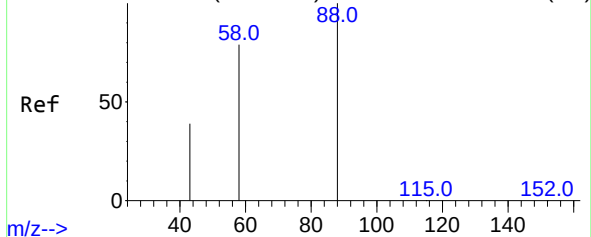
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
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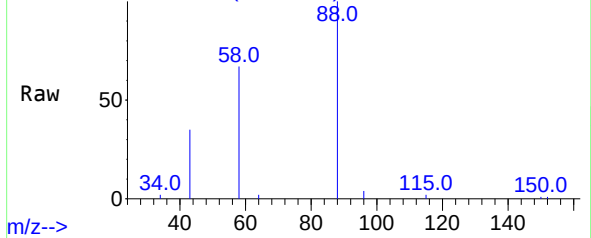


Abundance Scan 77 (3.407 min): BM034931.D\data.ms (-70)



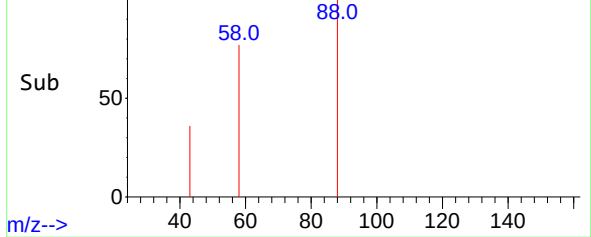
m/z-->

Abundance Scan 77 (3.407 min): BM034943.D\data.ms



m/z-->

Abundance Scan 77 (3.407 min): BM034943.D\data.ms (-65)



m/z-->

#2

1,4-Dioxane

Concen: 1.913 ng/ul

RT: 3.407 min Scan# 71

Delta R.T. -0.000 min

Lab File: BM034943.D

Acq: 04 May 2022 23:15

Instrument :

BNA_M

ClientSampleId :

SLCS570

Tgt Ion: 88 Resp: 9270

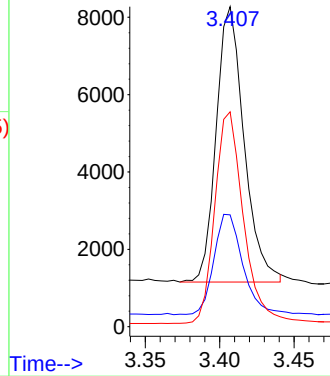
Ion Ratio Lower Upper

88 100

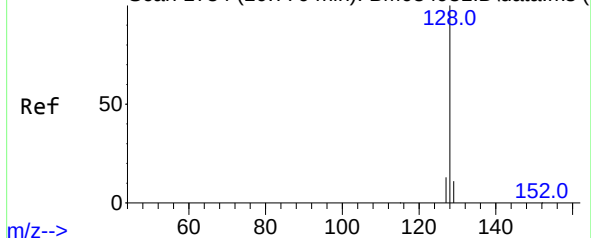
43 34.9 49.7 74.5#

58 67.2 52.5 78.7

Abundance

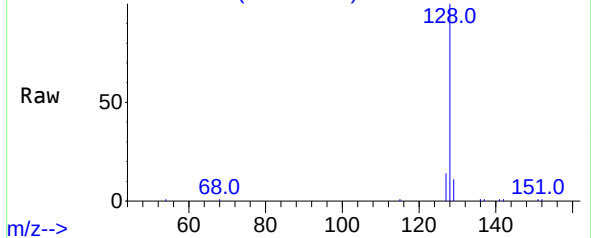


Abundance Scan 1784 (10.776 min): BM034931.D\data.ms (-70)



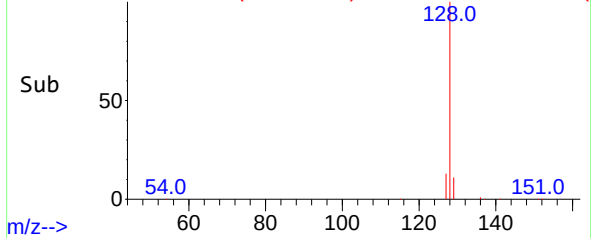
m/z-->

Abundance Scan 1784 (10.776 min): BM034943.D\data.ms



m/z-->

Abundance Scan 1784 (10.776 min): BM034943.D\data.ms (-65)



m/z-->

#5

Naphthalene

Concen: 0.374 ng/ul

RT: 10.776 min Scan# 1784

Delta R.T. -0.006 min

Lab File: BM034943.D

Acq: 04 May 2022 23:15

Tgt Ion: 128 Resp: 13054

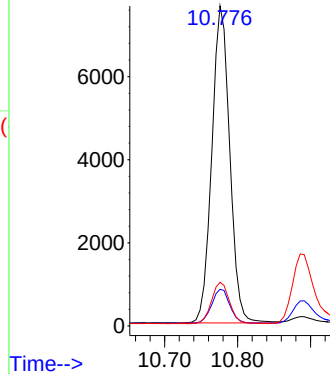
Ion Ratio Lower Upper

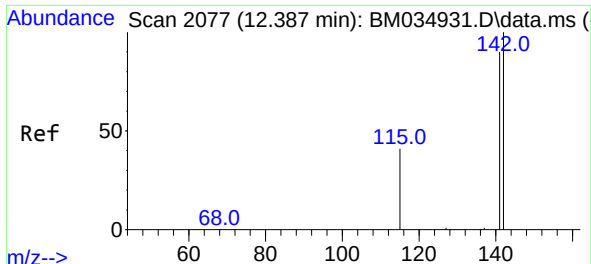
128 100

129 11.4 13.4 20.2#

127 13.6 15.2 22.8#

Abundance

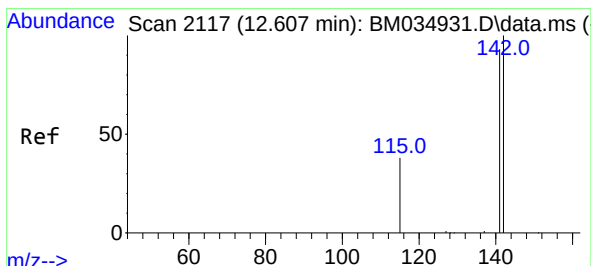
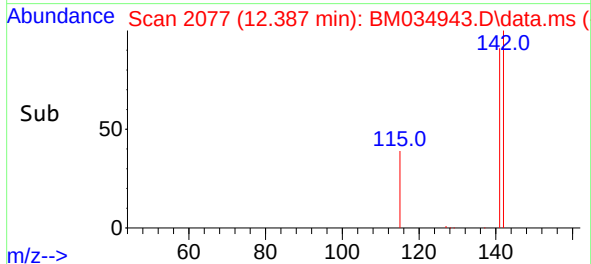
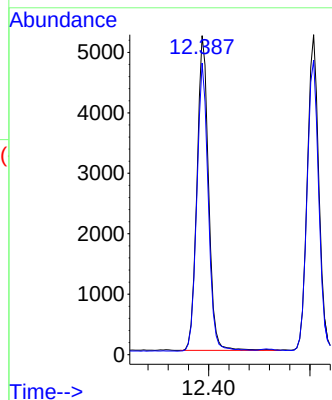
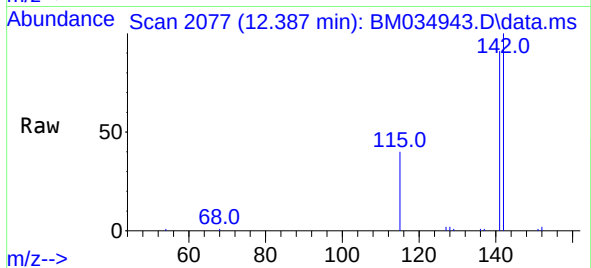




#7
2-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM034943.D
Acq: 04 May 2022 23:15

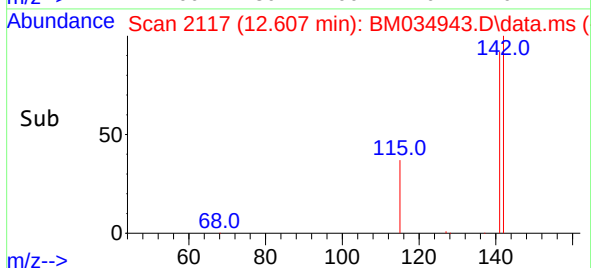
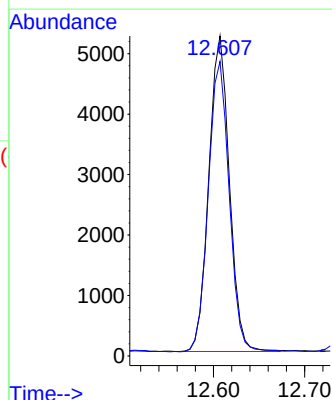
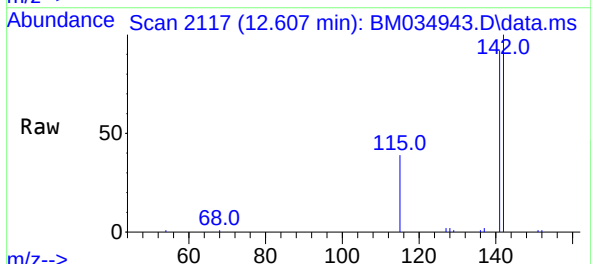
Instrument :
BNA_M
ClientSampleId :
SLCS570

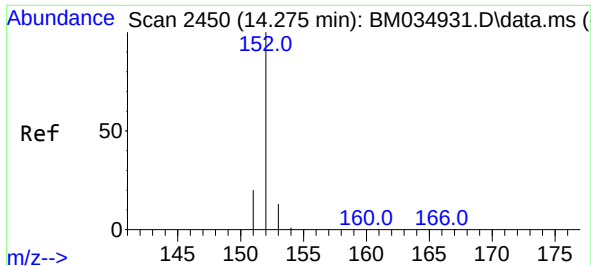
Tgt Ion:142 Resp: 8236
Ion Ratio Lower Upper
142 100
141 90.7 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM034943.D
Acq: 04 May 2022 23:15

Tgt Ion:142 Resp: 8197
Ion Ratio Lower Upper
142 100
141 93.5 75.0 112.4

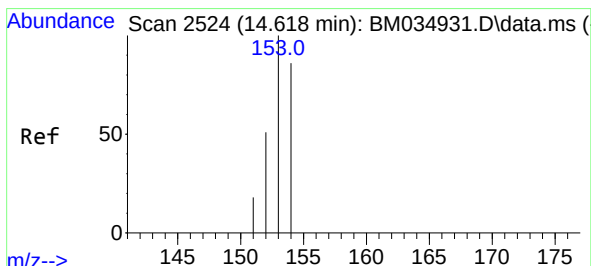
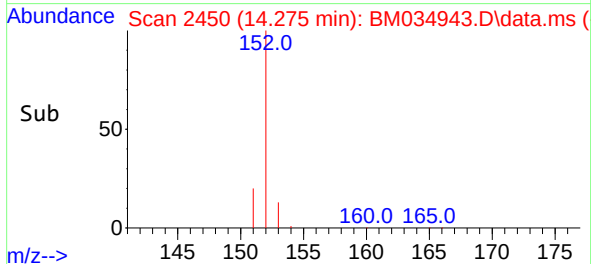
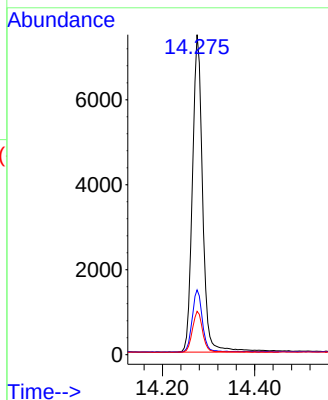
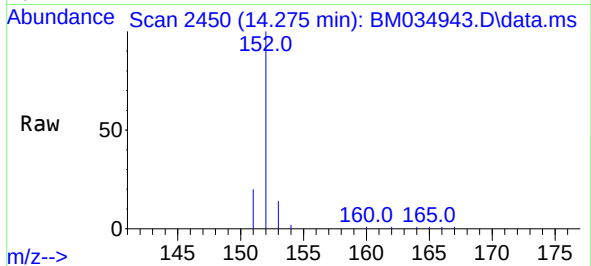




#10
Acenaphthylene
Concen: 0.418 ng/ul
RT: 14.275 min Scan# 2450
Delta R.T. -0.005 min
Lab File: BM034943.D
Acq: 04 May 2022 23:15

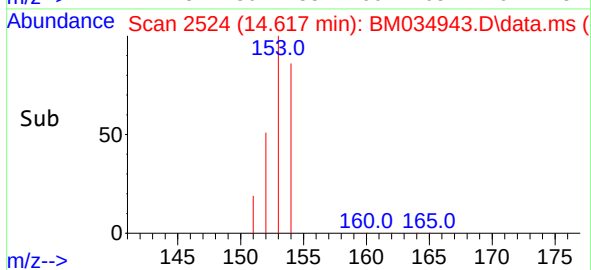
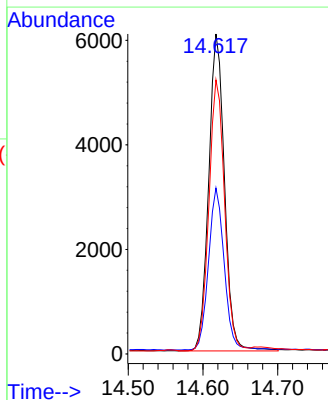
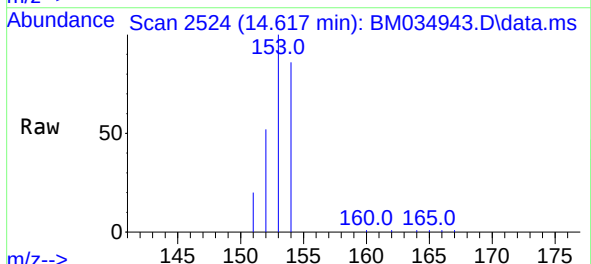
Instrument :
BNA_M
ClientSampleId :
SLCS570

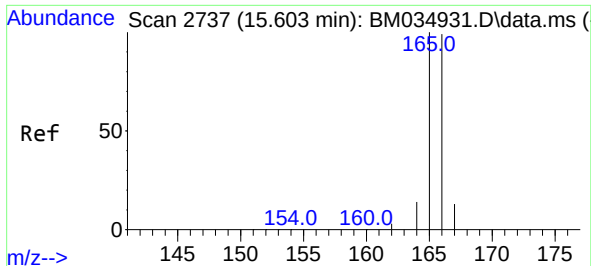
Tgt Ion:152 Resp: 11570
Ion Ratio Lower Upper
152 100
151 20.3 19.9 29.9
153 13.5 15.0 22.4#



#11
Acenaphthene
Concen: 0.380 ng/ul
RT: 14.617 min Scan# 2524
Delta R.T. -0.005 min
Lab File: BM034943.D
Acq: 04 May 2022 23:15

Tgt Ion:153 Resp: 8896
Ion Ratio Lower Upper
153 100
152 51.8 42.4 63.6
154 85.7 66.2 99.2

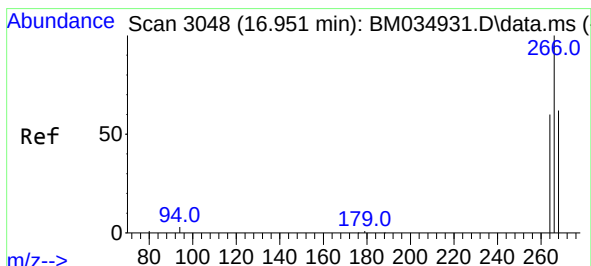
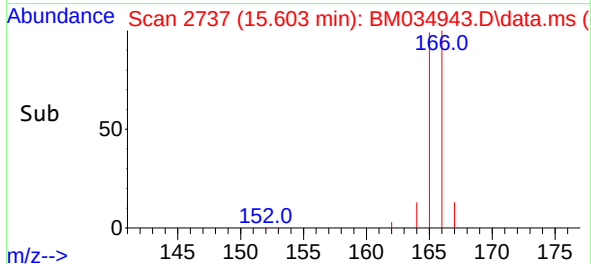
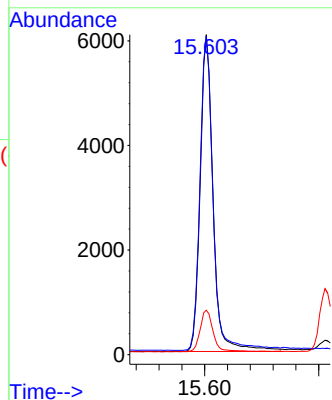
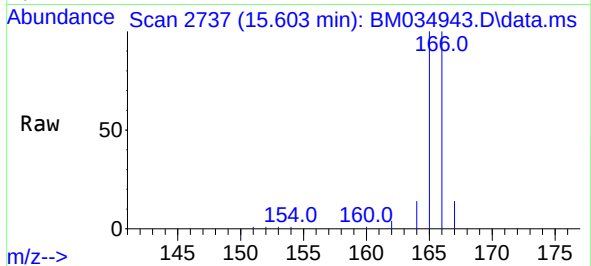




#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.603 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM034943.D
Acq: 04 May 2022 23:15

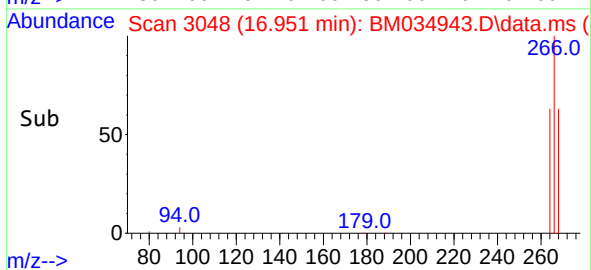
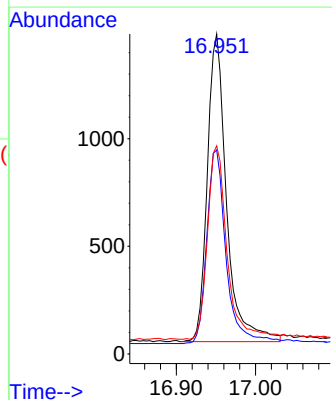
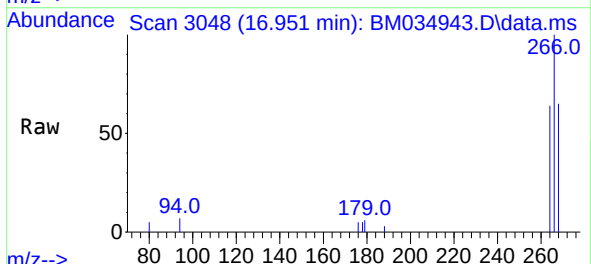
Instrument :
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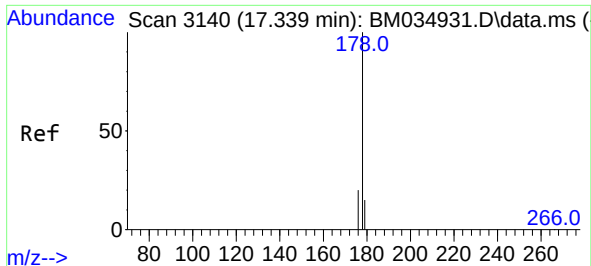
Tgt Ion:166 Resp: 9538
Ion Ratio Lower Upper
166 100
165 99.6 81.1 121.7
167 13.9 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.717 ng/ul
RT: 16.951 min Scan# 3048
Delta R.T. -0.000 min
Lab File: BM034943.D
Acq: 04 May 2022 23:15

Tgt Ion:266 Resp: 2407
Ion Ratio Lower Upper
266 100
264 63.4 51.4 77.0
268 64.1 53.1 79.7

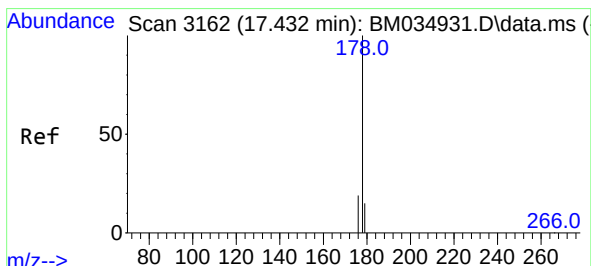
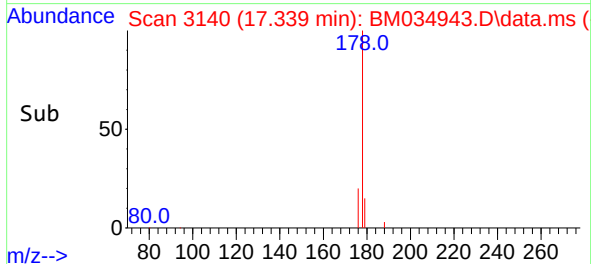
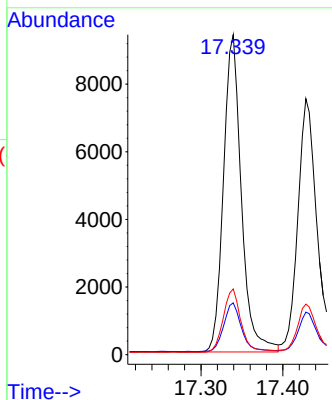
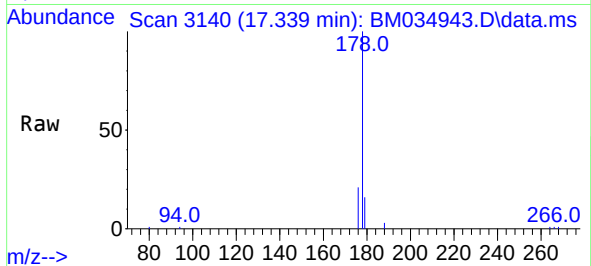




#15
Phenanthrene
Concen: 0.381 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BM034943.D
Acq: 04 May 2022 23:15

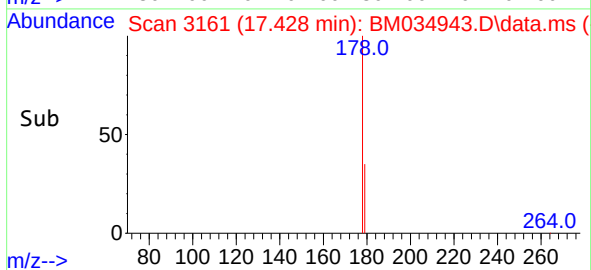
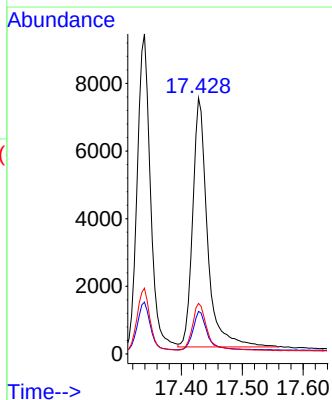
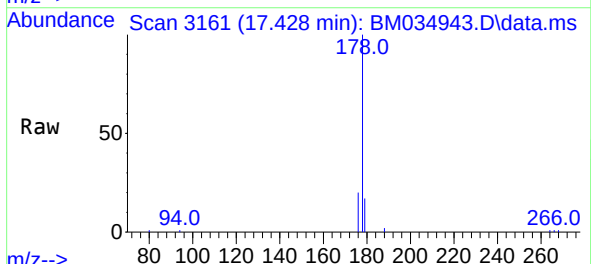
Instrument :
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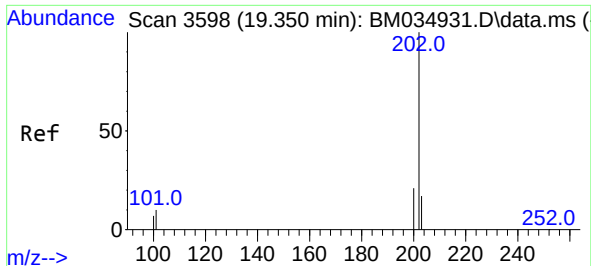
Tgt Ion:	178	Resp:	14256
Ion	Ratio	Lower	Upper
178	100		
179	16.2	15.0	22.6
176	20.5	17.9	26.9



#16
Anthracene
Concen: 0.373 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM034943.D
Acq: 04 May 2022 23:15

Tgt Ion:	178	Resp:	12434
Ion	Ratio	Lower	Upper
178	100		
179	16.6	16.5	24.7
176	19.7	18.3	27.5

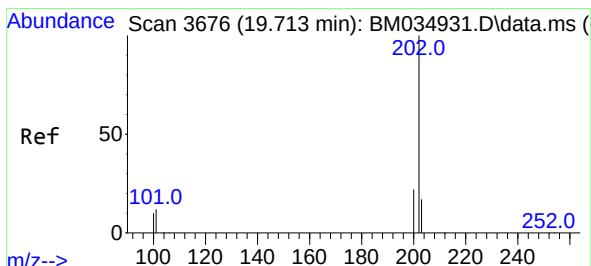
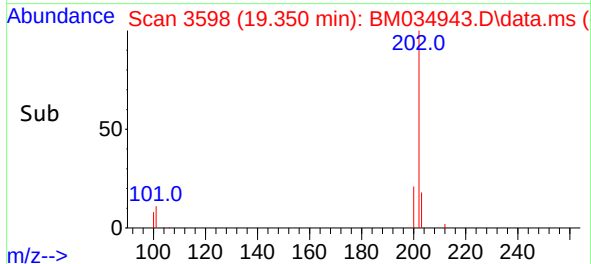
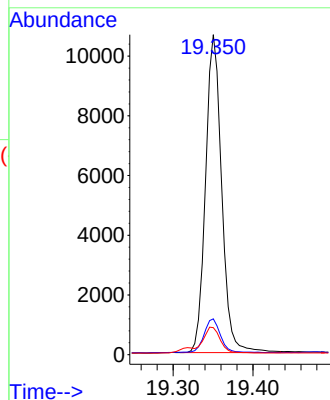
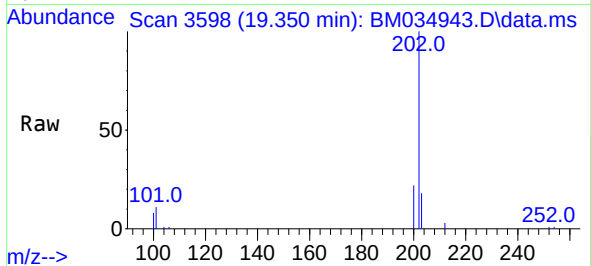




#19
Fluoranthene
Concen: 0.423 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. -0.005 min
Lab File: BM034943.D
Acq: 04 May 2022 23:15

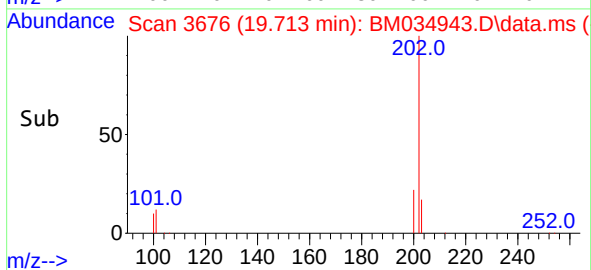
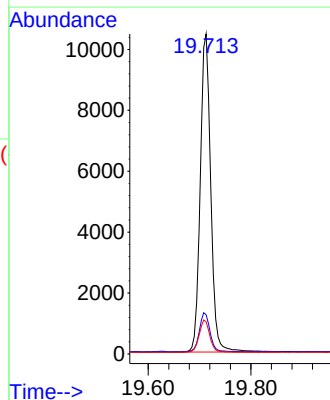
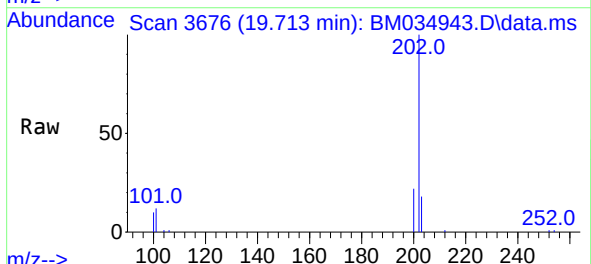
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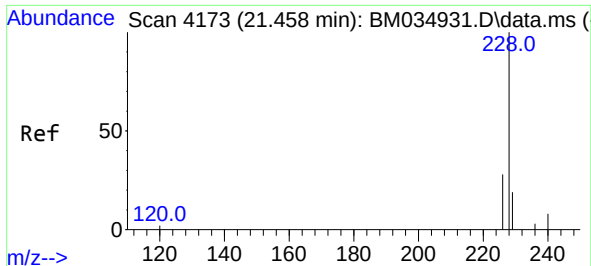
Tgt Ion:	202	Resp:	14959
Ion Ratio	Lower	Upper	
202	100		
101	11.2	9.2	13.8
100	8.5	7.2	10.8



#20
Pyrene
Concen: 0.420 ng/u1
RT: 19.713 min Scan# 3676
Delta R.T. -0.000 min
Lab File: BM034943.D
Acq: 04 May 2022 23:15

Tgt Ion:	202	Resp:	14905
Ion Ratio	Lower	Upper	
202	100		
101	12.2	9.3	13.9
100	10.0	7.8	11.6

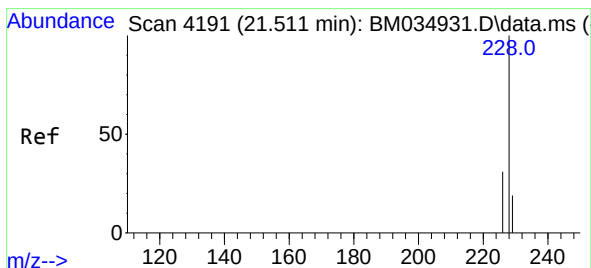
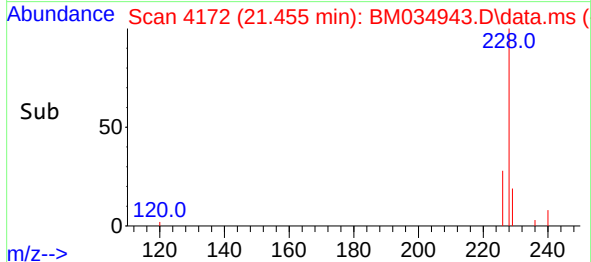
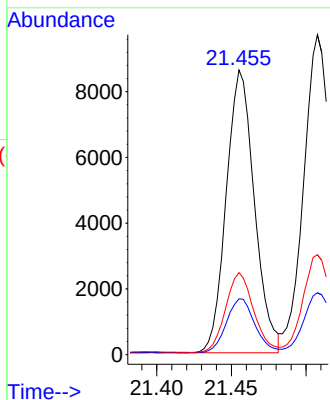
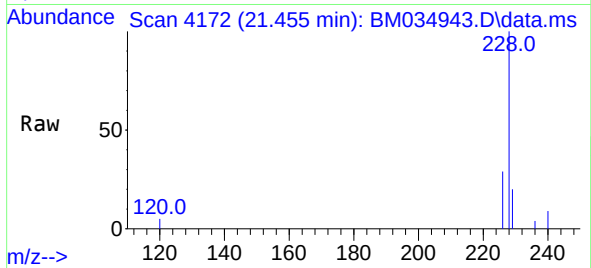




#21
Benzo(a)anthracene
Concen: 0.394 ng/ul
RT: 21.455 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM034943.D
Acq: 04 May 2022 23:15

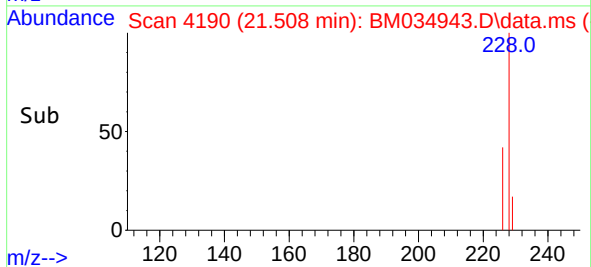
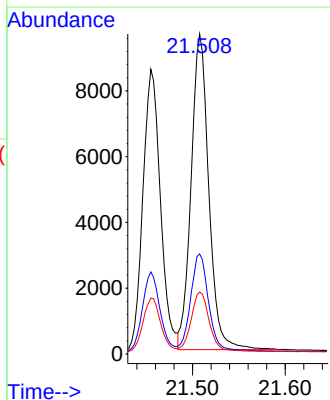
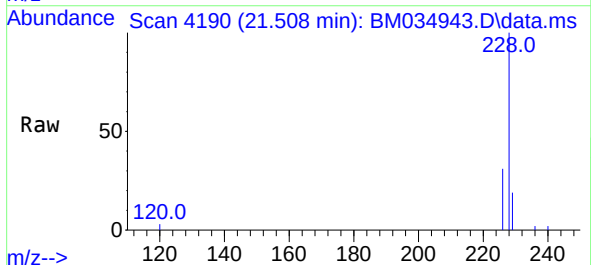
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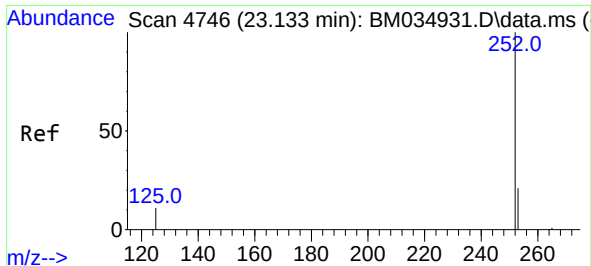
Tgt Ion:228 Resp: 11292
Ion Ratio Lower Upper
228 100
229 19.6 17.3 25.9
226 28.8 23.2 34.8



#22
Chrysene
Concen: 0.417 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM034943.D
Acq: 04 May 2022 23:15

Tgt Ion:228 Resp: 12747
Ion Ratio Lower Upper
228 100
226 31.3 25.8 38.8
229 19.3 16.7 25.1

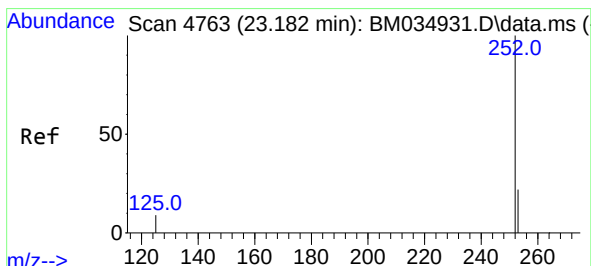
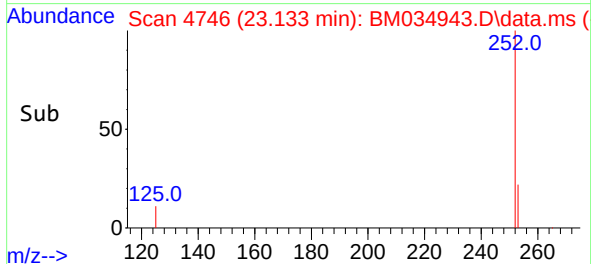
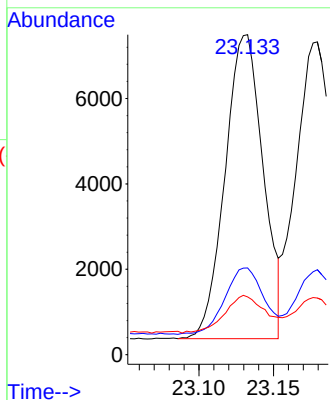
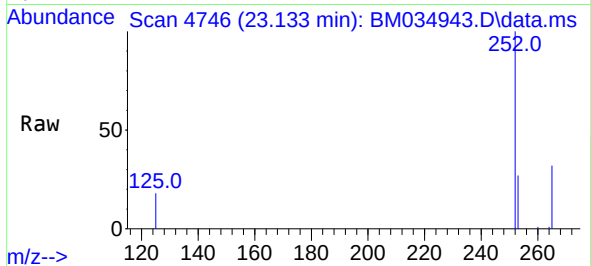




#24
Benzo(b)fluoranthene
Concen: 0.402 ng/ul
RT: 23.133 min Scan# 4746
Delta R.T. -0.003 min
Lab File: BM034943.D
Acq: 04 May 2022 23:15

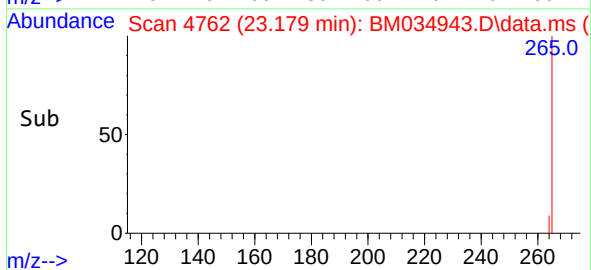
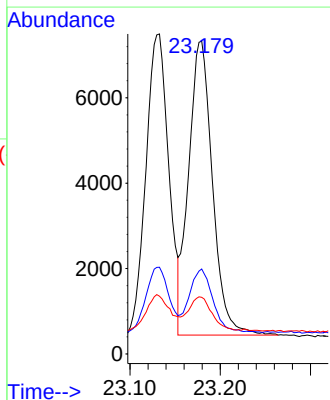
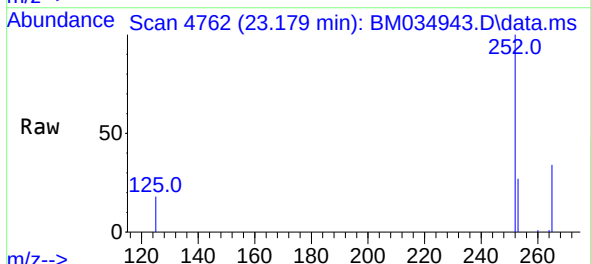
Instrument :
BNA_M
ClientSampleId :
SLCS570

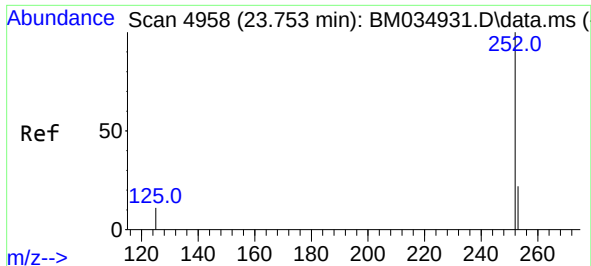
Tgt Ion:	252	Resp:	12656
Ion Ratio	Lower	Upper	
252	100		
253	27.1	0.0	64.2
125	18.0	0.0	28.8



#25
Benzo(k)fluoranthene
Concen: 0.403 ng/ul
RT: 23.179 min Scan# 4762
Delta R.T. -0.003 min
Lab File: BM034943.D
Acq: 04 May 2022 23:15

Tgt Ion:	252	Resp:	12660
Ion Ratio	Lower	Upper	
252	100		
253	27.2	26.8	40.2
125	18.1	12.0	18.0

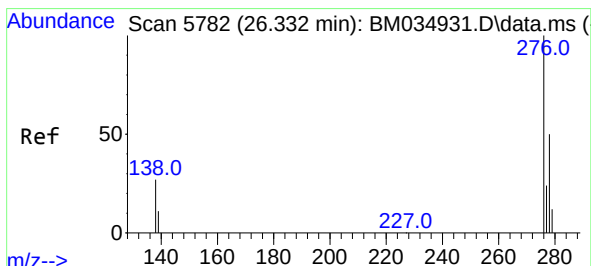
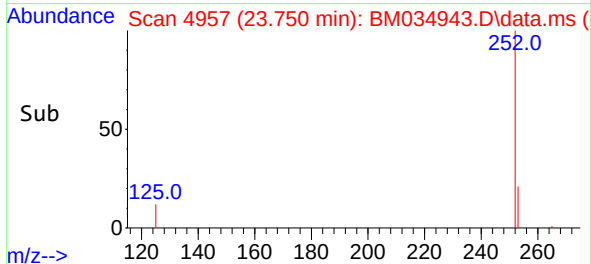
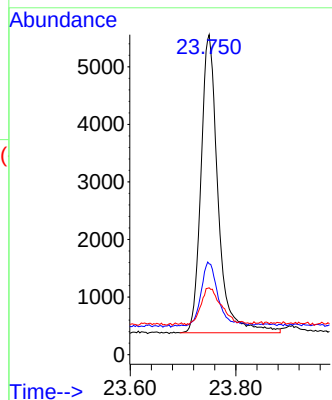
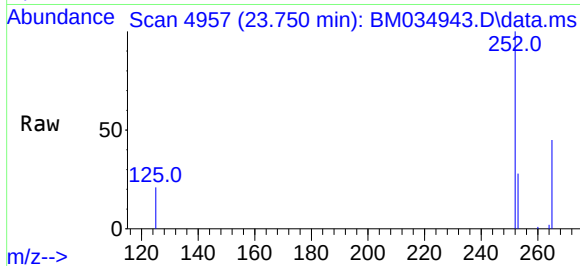




#26
Benzo(a)pyrene
Concen: 0.451 ng/ul
RT: 23.750 min Scan# 4958
Delta R.T. -0.006 min
Lab File: BM034943.D
Acq: 04 May 2022 23:15

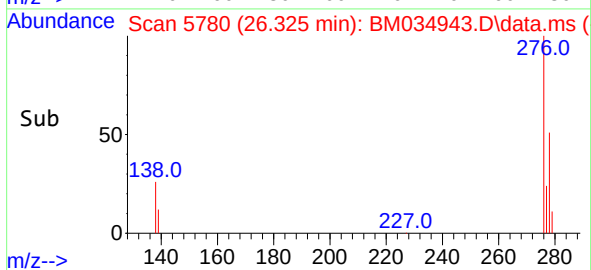
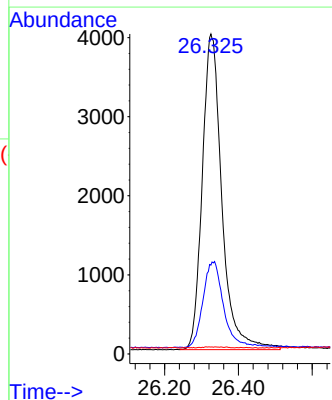
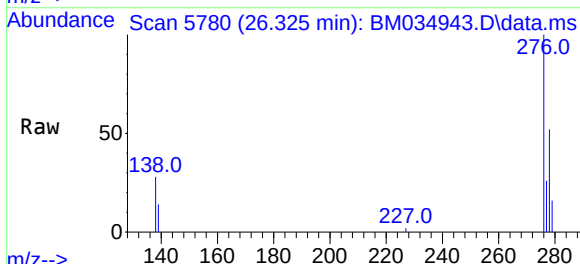
Instrument :
BNA_M
ClientSampleId :
SLCS570

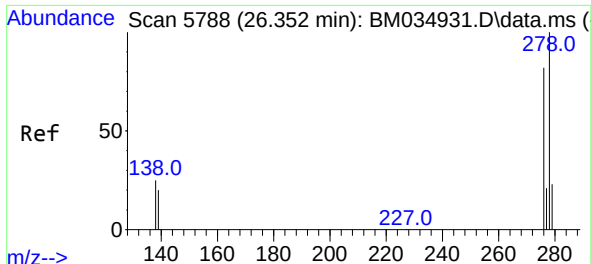
Tgt Ion:252 Resp: 11584
Ion Ratio Lower Upper
252 100
253 28.4 32.0 48.0#
125 20.9 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng/ul
RT: 26.325 min Scan# 5780
Delta R.T. -0.010 min
Lab File: BM034943.D
Acq: 04 May 2022 23:15

Tgt Ion:276 Resp: 14718
Ion Ratio Lower Upper
276 100
138 29.3 15.8 23.6#
227 0.0 0.0 0.0

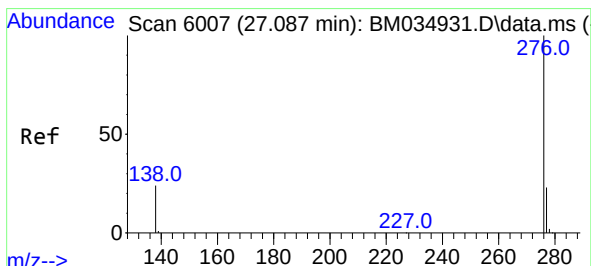
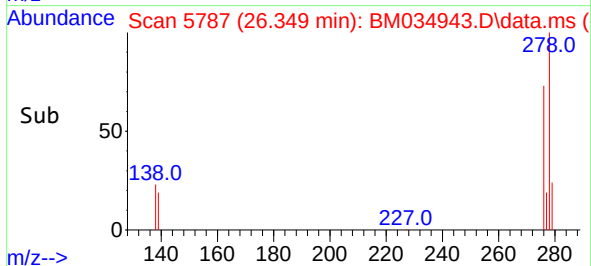
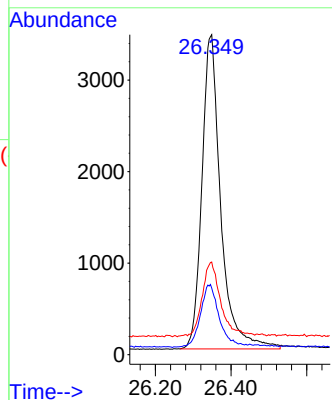
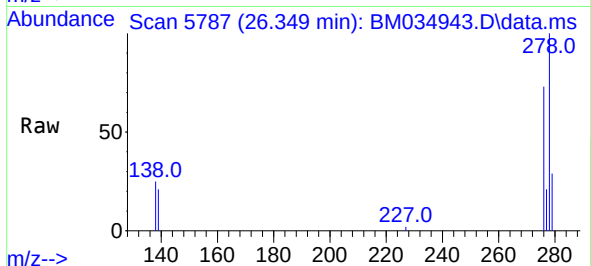




#28
 Dibenzo(a,h)anthracene
 Concen: 0.405 ng/ul
 RT: 26.349 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: BM034943.D
 Acq: 04 May 2022 23:15

Instrument :
 BNA_M
 ClientSampleId :
 SLCS570

Tgt Ion:278 Resp: 11884
 Ion Ratio Lower Upper
 278 100
 139 20.8 18.0 27.0
 279 28.9 28.6 42.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.415 ng/ul
 RT: 27.076 min Scan# 6004
 Delta R.T. -0.010 min
 Lab File: BM034943.D
 Acq: 04 May 2022 23:15

Tgt Ion:276 Resp: 12908
 Ion Ratio Lower Upper
 276 100
 138 26.6 17.4 26.0#
 277 25.4 22.6 33.8

