

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
 Data File : BM034928.D
 Acq On : 04 May 2022 14:14
 Operator : CG/JU
 Sample : PB144559BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS559

Quant Time: May 05 04:12:17 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

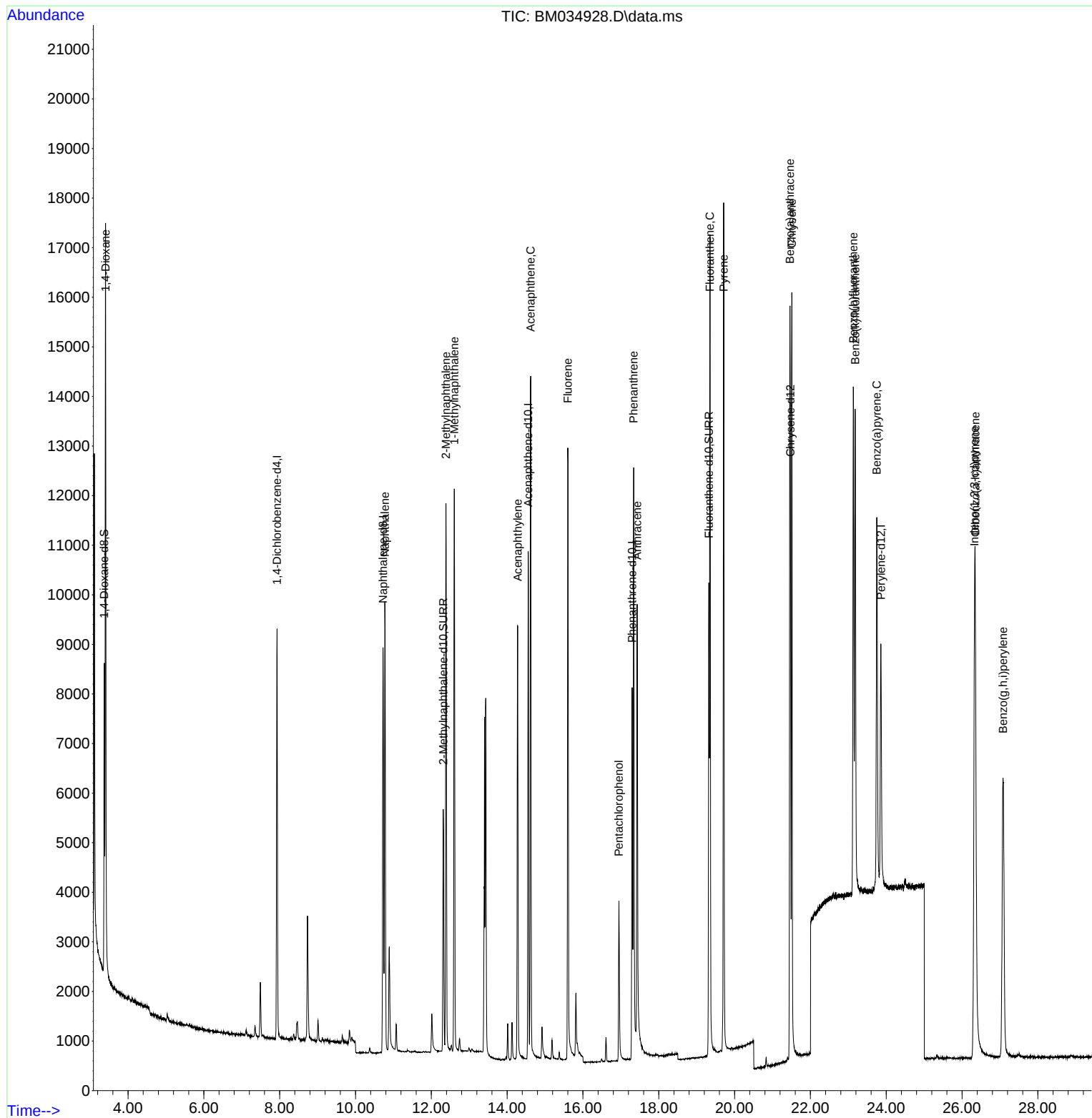
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	4317	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	11090	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.556	164	5554	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	9951	0.400	ng/ul #	0.00
17) Chrysene-d12	21.473	240	7481	0.400	ng/ul #	0.00
23) Perylene-d12	23.859	264	7000	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	3732	0.782	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	6405	0.411	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	10263	0.435	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.407	88	8811	1.939	ng/ul#	82
5) Naphthalene	10.776	128	12532	0.395	ng/ul#	88
7) 2-Methylnaphthalene	12.387	142	7820	0.371	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	7734	0.374	ng/ul	99
10) Acenaphthylene	14.279	152	10818	0.446	ng/ul#	90
11) Acenaphthene	14.621	153	8195	0.399	ng/ul	96
12) Fluorene	15.602	166	8636	0.373	ng/ul#	97
14) Pentachlorophenol	16.950	266	2311	0.783	ng/ul	98
15) Phenanthrene	17.339	178	13143	0.400	ng/ul	95
16) Anthracene	17.431	178	11537	0.394	ng/ul	93
19) Fluoranthene	19.350	202	14910	0.415	ng/ul	100
20) Pyrene	19.712	202	14992	0.416	ng/ul	97
21) Benzo(a)anthracene	21.459	228	12258	0.421	ng/ul	98
22) Chrysene	21.509	228	13662	0.440	ng/ul	99
24) Benzo(b)fluoranthene	23.134	252	13543	0.424	ng/ul	92
25) Benzo(k)fluoranthene	23.180	252	13258	0.415	ng/ul	90
26) Benzo(a)pyrene	23.750	252	12493	0.479	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.329	276	15494	0.423	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.350	278	12493	0.419	ng/ul	92
29) Benzo(g,h,i)perylene	27.081	276	13648	0.432	ng/ul#	93

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

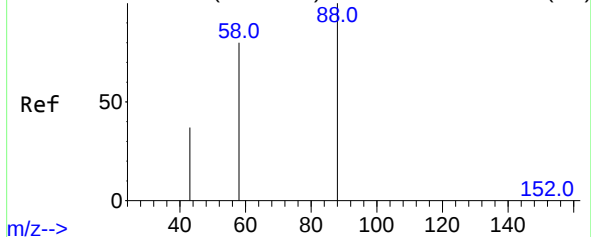
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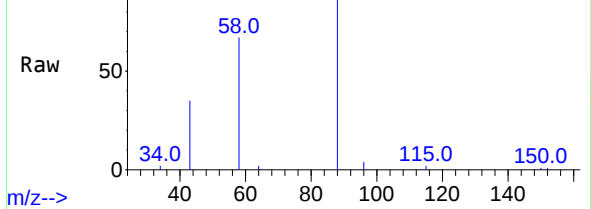


Abundance Scan 77 (3.407 min): BM034919.D\data.ms (-71)



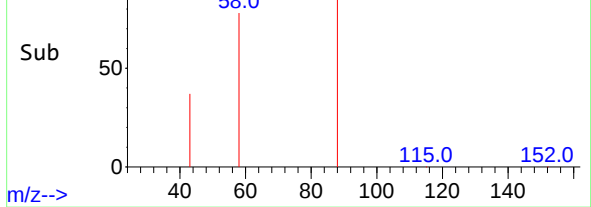
m/z-->

Abundance Scan 77 (3.407 min): BM034928.D\data.ms



m/z-->

Abundance Scan 77 (3.407 min): BM034928.D\data.ms (-65)



m/z-->

#2

1,4-Dioxane

Concen: 1.939 ng/ul

RT: 3.407 min Scan# 71

Delta R.T. -0.000 min

Lab File: BM034928.D

Acq: 04 May 2022 14:14

Instrument :

BNA_M

ClientSampleId :

SLCS559

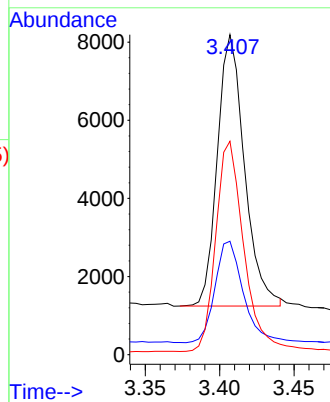
Tgt Ion: 88 Resp: 8811

Ion Ratio Lower Upper

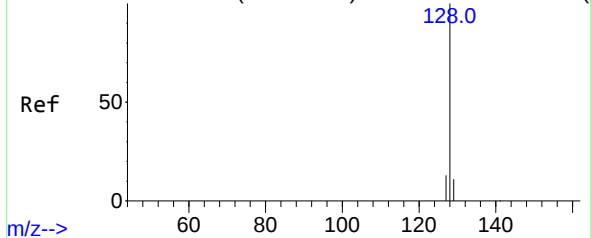
88 100

43 35.5 49.7 74.5#

58 66.7 52.5 78.7

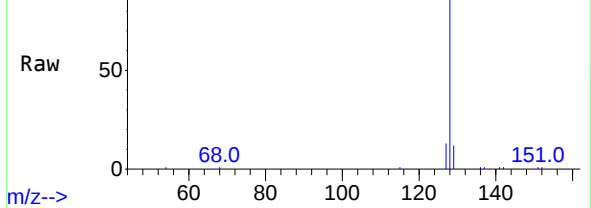


Abundance Scan 1784 (10.776 min): BM034919.D\data.ms (-71)



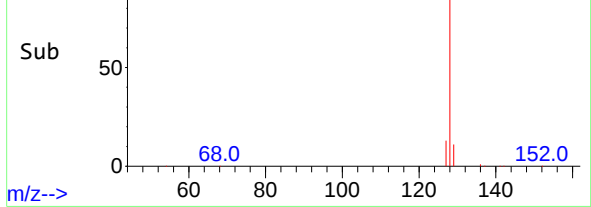
m/z-->

Abundance Scan 1784 (10.776 min): BM034928.D\data.ms



m/z-->

Abundance Scan 1784 (10.776 min): BM034928.D\data.ms (-65)



m/z-->

#5

Naphthalene

Concen: 0.395 ng/ul

RT: 10.776 min Scan# 1784

Delta R.T. -0.006 min

Lab File: BM034928.D

Acq: 04 May 2022 14:14

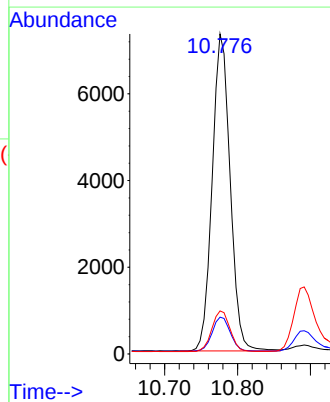
Tgt Ion:128 Resp: 12532

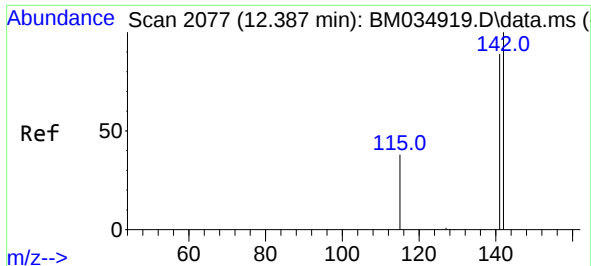
Ion Ratio Lower Upper

128 100

129 11.5 13.4 20.2#

127 13.5 15.2 22.8#

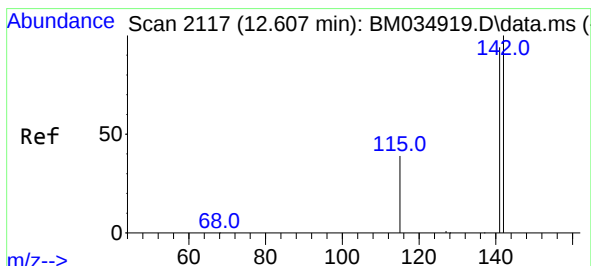
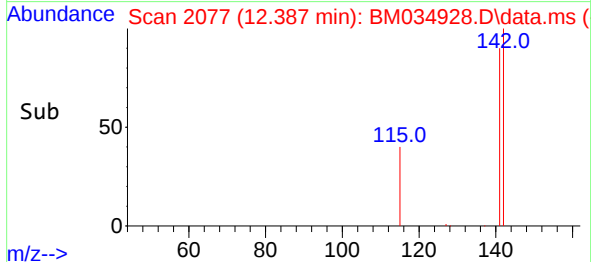
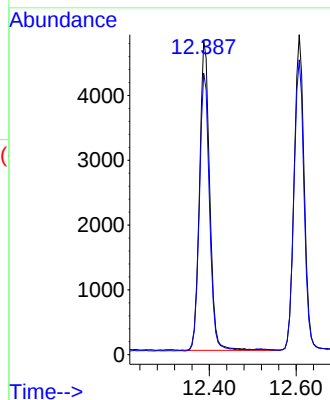
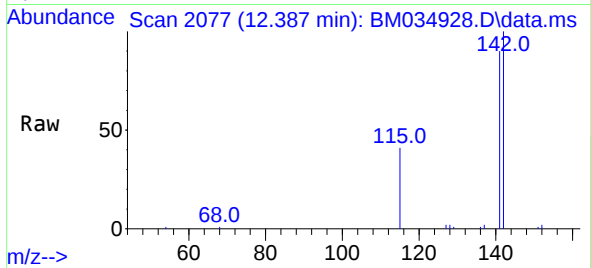




#7
2-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM034928.D
Acq: 04 May 2022 14:14

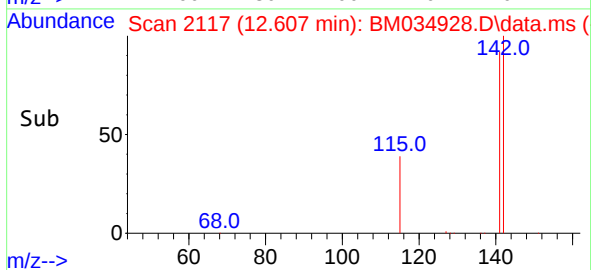
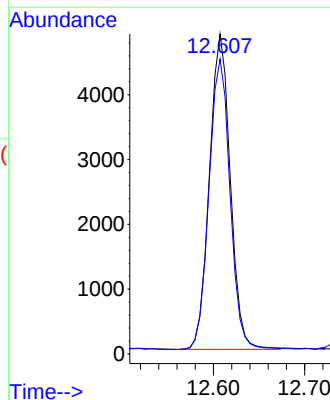
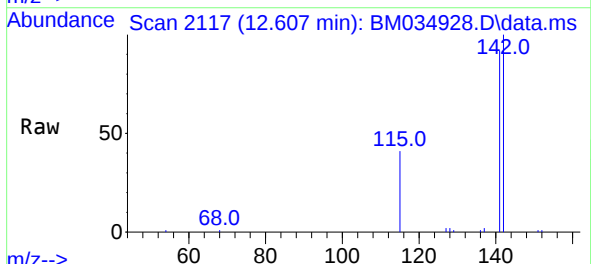
Instrument :
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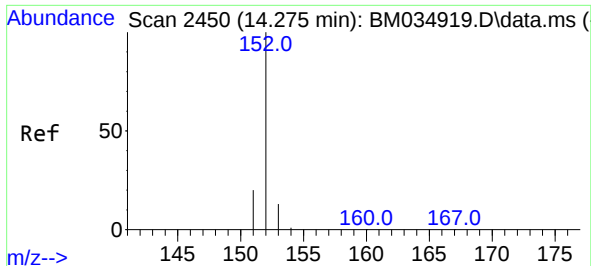
Tgt Ion:142 Resp: 7820
Ion Ratio Lower Upper
142 100
141 89.7 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM034928.D
Acq: 04 May 2022 14:14

Tgt Ion:142 Resp: 7734
Ion Ratio Lower Upper
142 100
141 93.0 75.0 112.4

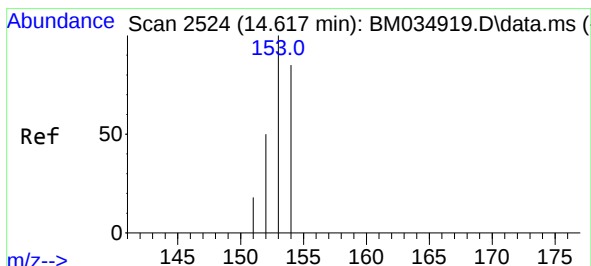
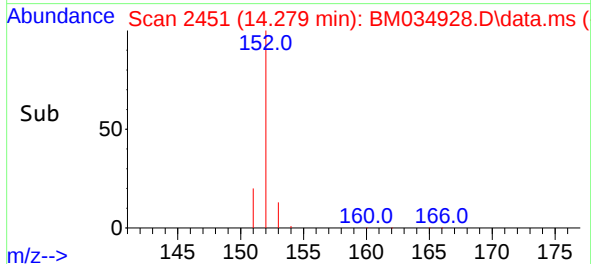
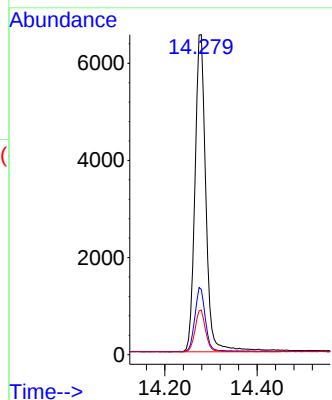
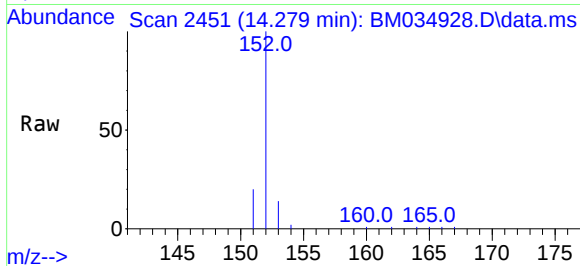




#10
Acenaphthylene
Concen: 0.446 ng/ul
RT: 14.279 min Scan# 2450
Delta R.T. -0.001 min
Lab File: BM034928.D
Acq: 04 May 2022 14:14

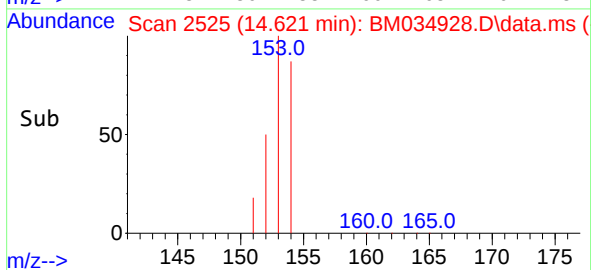
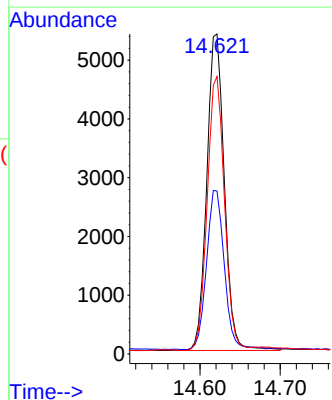
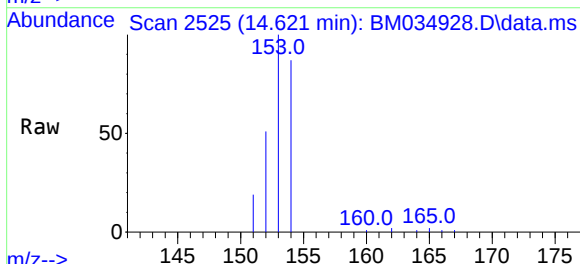
Instrument :
BNA_M
ClientSampleId :
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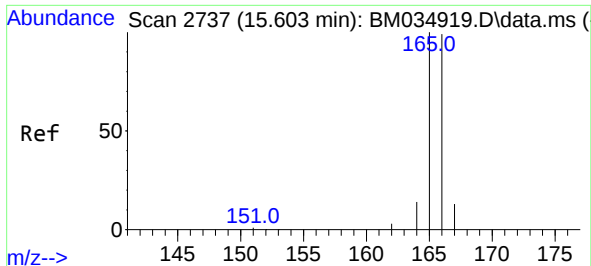
Tgt Ion:152 Resp: 10818
Ion Ratio Lower Upper
152 100
151 20.4 19.9 29.9
153 13.9 15.0 22.4#



#11
Acenaphthene
Concen: 0.399 ng/ul
RT: 14.621 min Scan# 2525
Delta R.T. -0.001 min
Lab File: BM034928.D
Acq: 04 May 2022 14:14

Tgt Ion:153 Resp: 8195
Ion Ratio Lower Upper
153 100
152 50.9 42.4 63.6
154 86.7 66.2 99.2

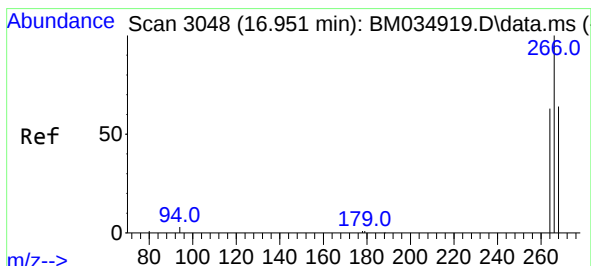
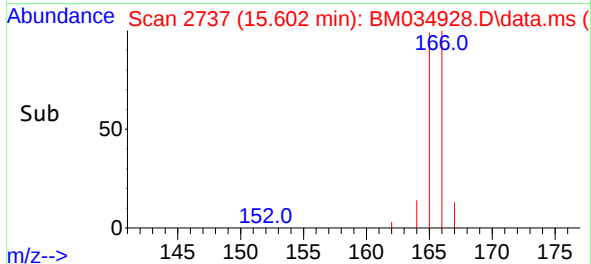
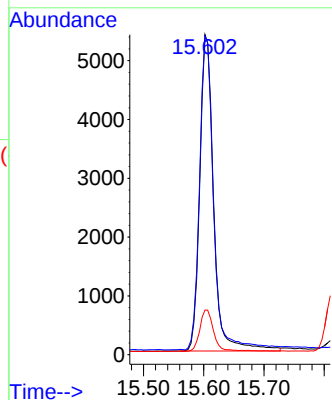
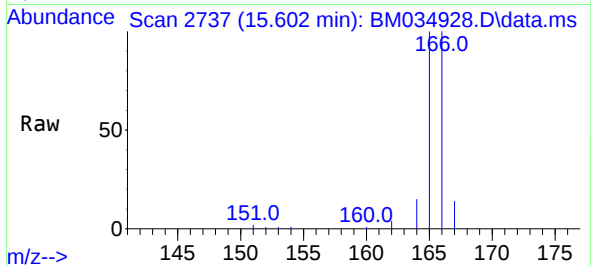




#12
Fluorene
Concen: 0.373 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034928.D
Acq: 04 May 2022 14:14

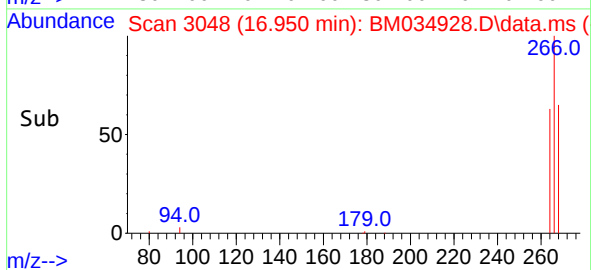
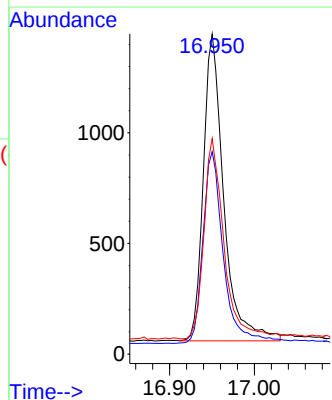
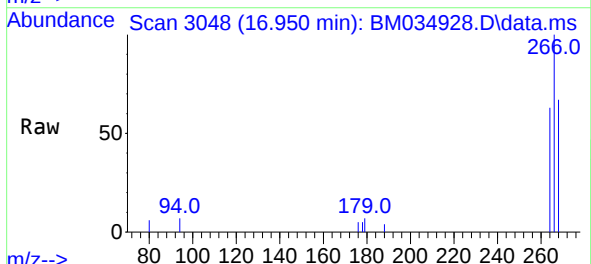
Instrument :
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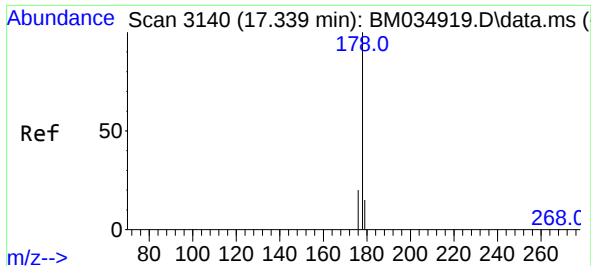
Tgt Ion:166 Resp: 8636
Ion Ratio Lower Upper
166 100
165 99.6 81.1 121.7
167 14.0 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.783 ng/ul
RT: 16.950 min Scan# 3048
Delta R.T. -0.001 min
Lab File: BM034928.D
Acq: 04 May 2022 14:14

Tgt Ion:266 Resp: 2311
Ion Ratio Lower Upper
266 100
264 62.9 51.4 77.0
268 64.4 53.1 79.7

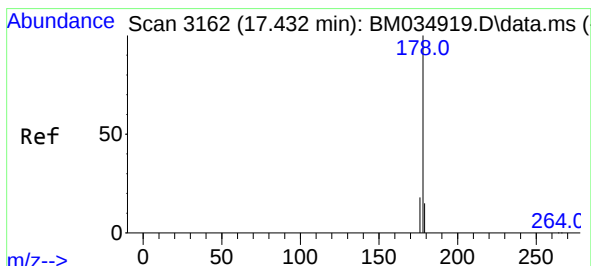
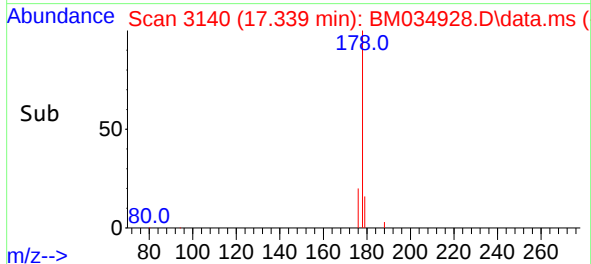
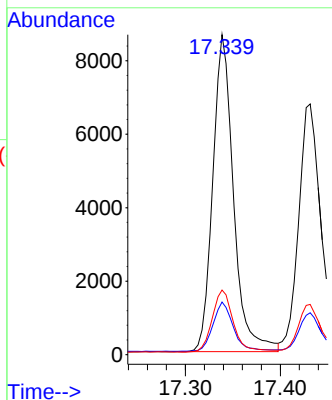
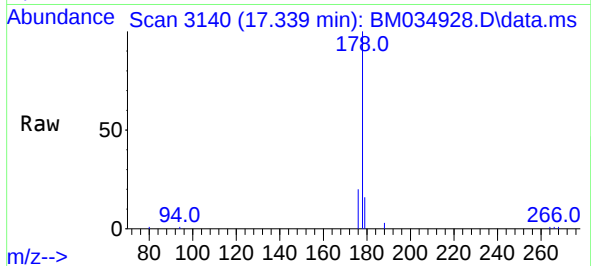




#15
Phenanthrene
Concen: 0.400 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. -0.001 min
Lab File: BM034928.D
Acq: 04 May 2022 14:14

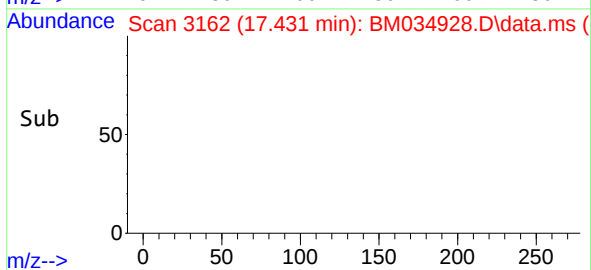
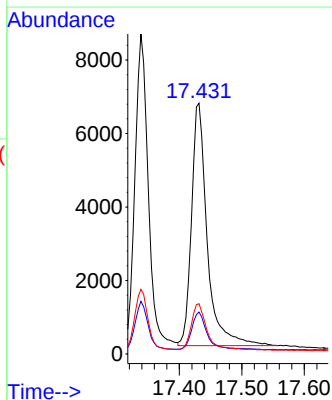
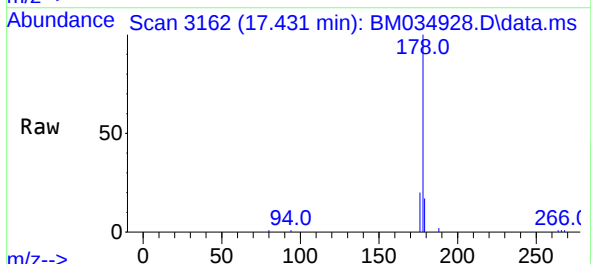
Instrument :
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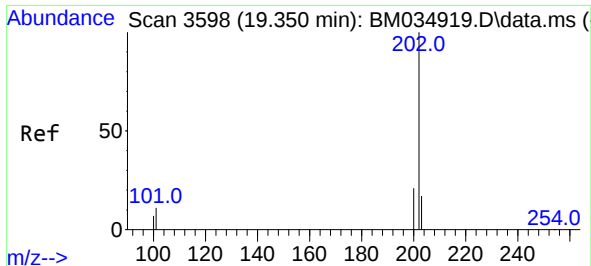
Tgt Ion:	178	Resp:	13143
Ion Ratio	Lower	Upper	
178	100		
179	16.4	15.0	22.6
176	20.2	17.9	26.9



#16
Anthracene
Concen: 0.394 ng/ul
RT: 17.431 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BM034928.D
Acq: 04 May 2022 14:14

Tgt Ion:	178	Resp:	11537
Ion Ratio	Lower	Upper	
178	100		
179	16.7	16.5	24.7
176	20.0	18.3	27.5





#19

Fluoranthene

Concen: 0.415 ng/ul

RT: 19.350 min Scan# 3598

Delta R.T. -0.006 min

Lab File: BM034928.D

Acq: 04 May 2022 14:14

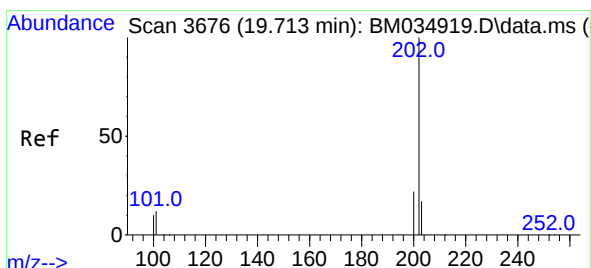
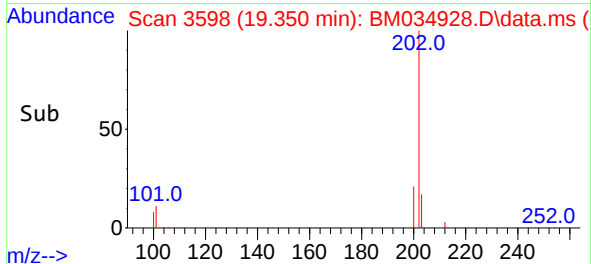
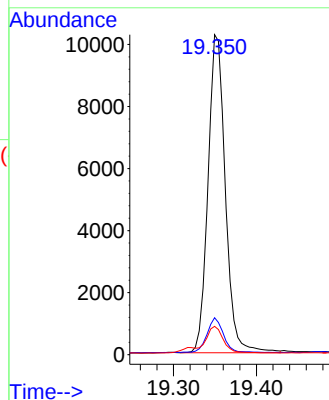
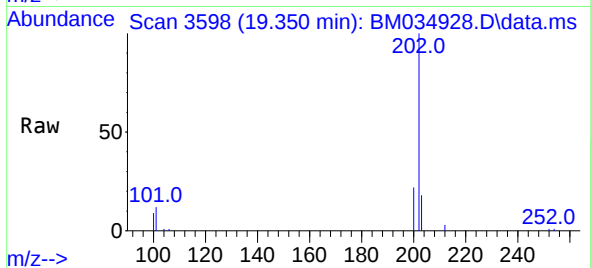
Instrument :

BNA_M

ClientSampleId :

SLCS559

Tgt Ion:	202	Resp:	14910
Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.2	13.8
100	8.8	7.2	10.8



#20

Pyrene

Concen: 0.416 ng/ul

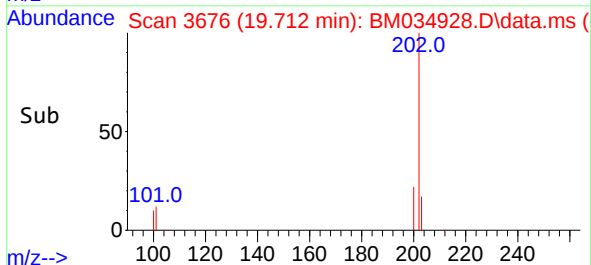
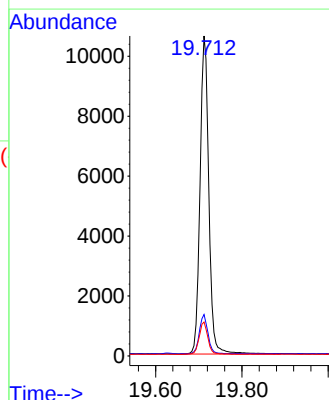
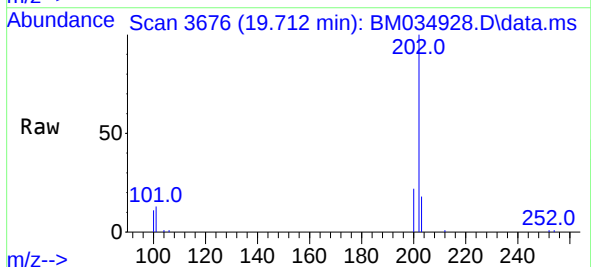
RT: 19.712 min Scan# 3676

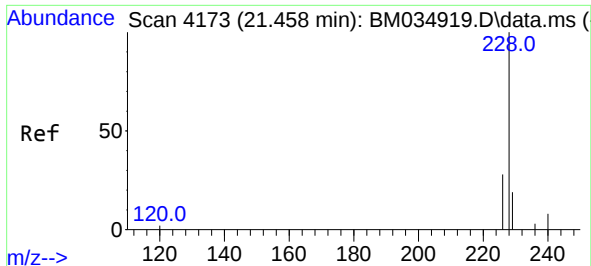
Delta R.T. -0.001 min

Lab File: BM034928.D

Acq: 04 May 2022 14:14

Tgt Ion:	202	Resp:	14992
Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.3	13.9
100	10.6	7.8	11.6

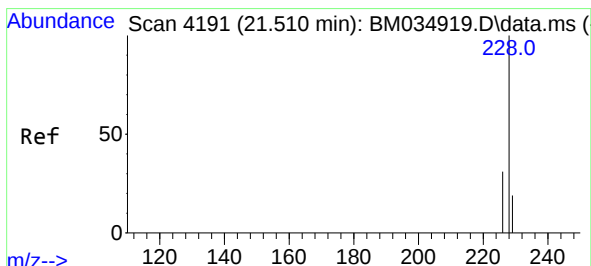
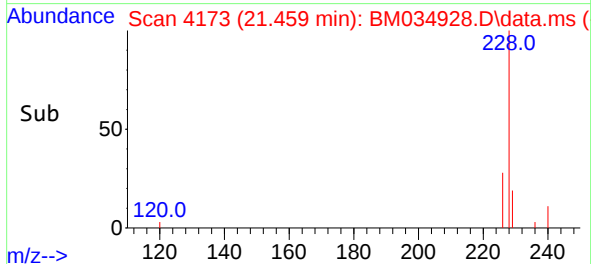
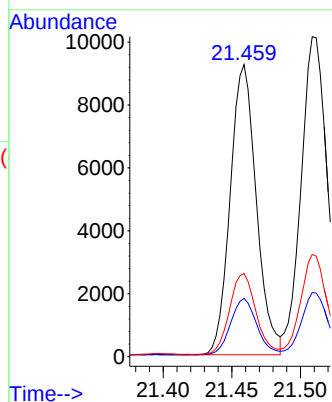
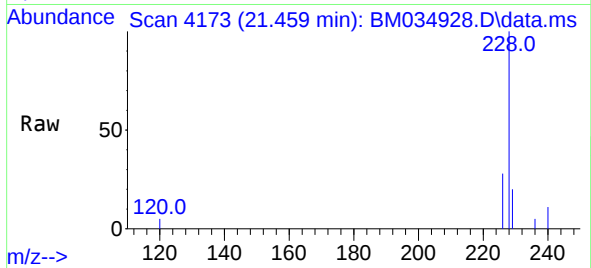




#21
Benzo(a)anthracene
Concen: 0.421 ng/ul
RT: 21.459 min Scan# 4173
Delta R.T. 0.001 min
Lab File: BM034928.D
Acq: 04 May 2022 14:14

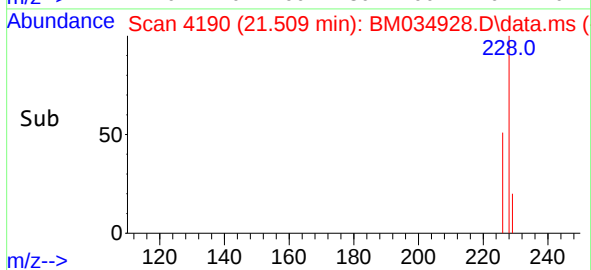
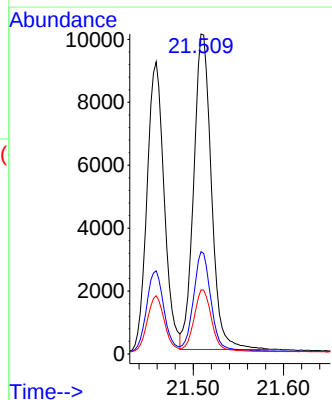
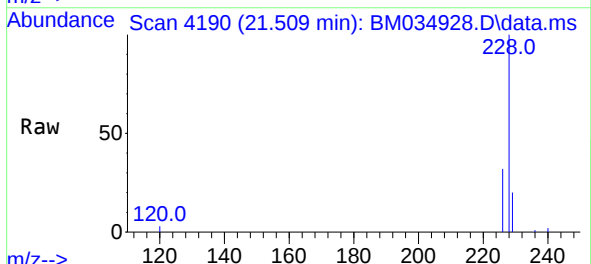
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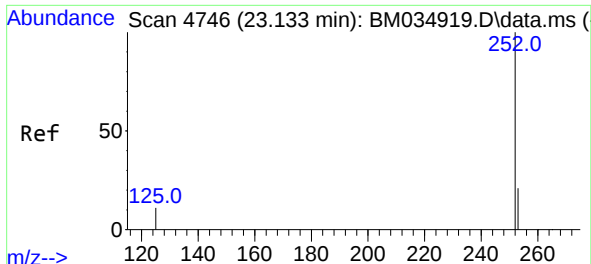
Tgt Ion:228 Resp: 12258
Ion Ratio Lower Upper
228 100
229 20.0 17.3 25.9
226 28.5 23.2 34.8



#22
Chrysene
Concen: 0.440 ng/ul
RT: 21.509 min Scan# 4190
Delta R.T. -0.002 min
Lab File: BM034928.D
Acq: 04 May 2022 14:14

Tgt Ion:228 Resp: 13662
Ion Ratio Lower Upper
228 100
226 32.0 25.8 38.8
229 20.0 16.7 25.1

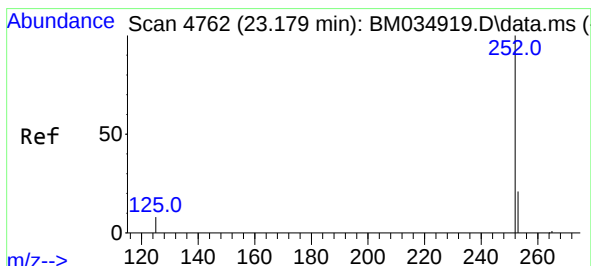
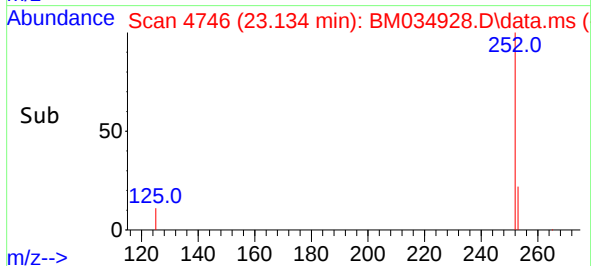
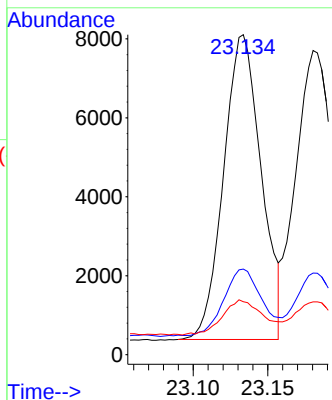
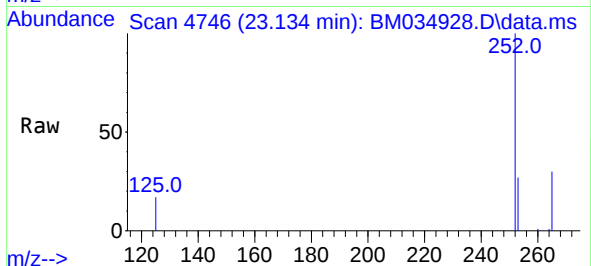




#24
Benzo(b)fluoranthene
Concen: 0.424 ng/ul
RT: 23.134 min Scan# 4746
Delta R.T. -0.002 min
Lab File: BM034928.D
Acq: 04 May 2022 14:14

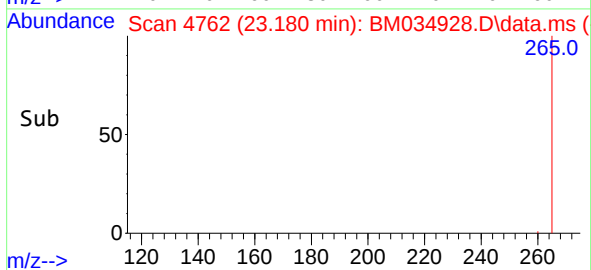
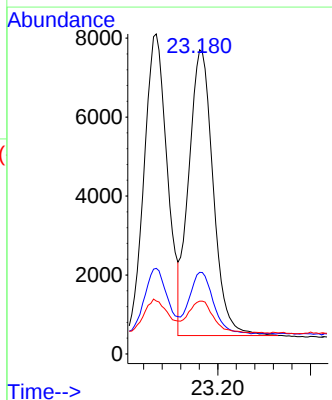
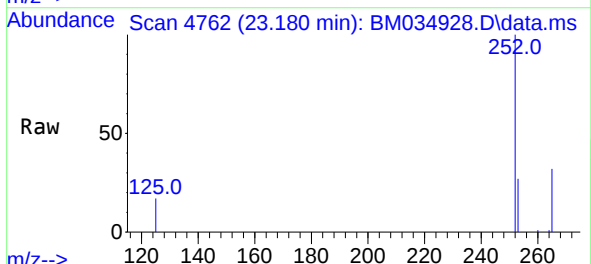
Instrument :
BNA_M
ClientSampleId :
SLCS559

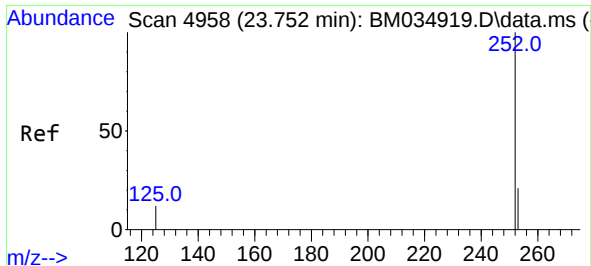
Tgt Ion:	252	Resp:	13543
Ion	Ratio	Lower	Upper
252	100		
253	26.7	0.0	64.2
125	16.5	0.0	28.8



#25
Benzo(k)fluoranthene
Concen: 0.415 ng/ul
RT: 23.180 min Scan# 4762
Delta R.T. -0.002 min
Lab File: BM034928.D
Acq: 04 May 2022 14:14

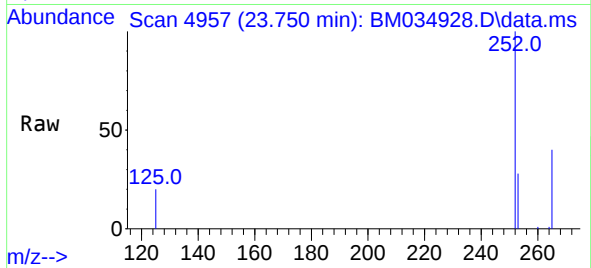
Tgt Ion:	252	Resp:	13258
Ion	Ratio	Lower	Upper
252	100		
253	26.8	26.8	40.2
125	17.4	12.0	18.0



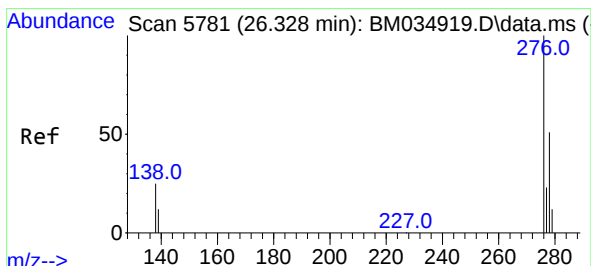
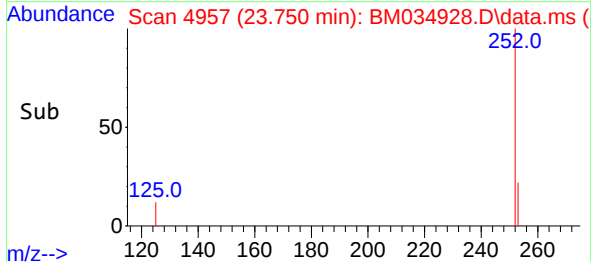
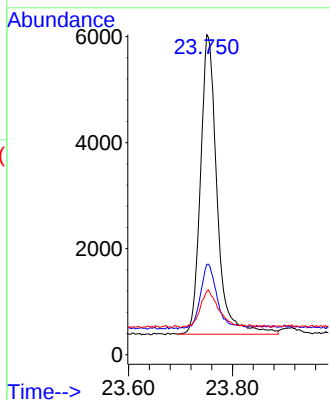


#26
Benzo(a)pyrene
Concen: 0.479 ng/ul
RT: 23.750 min Scan# 4958
Delta R.T. -0.005 min
Lab File: BM034928.D
Acq: 04 May 2022 14:14

Instrument :
BNA_M
ClientSampleId :
SLCS559

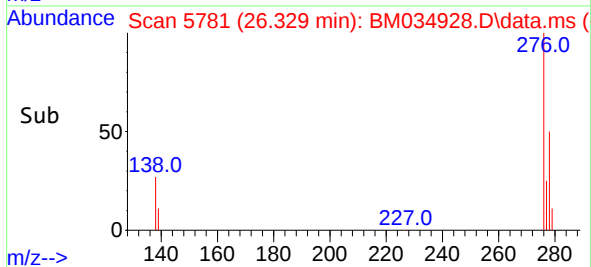
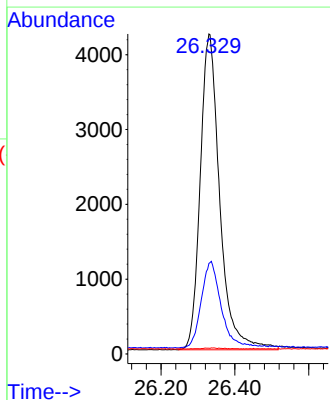
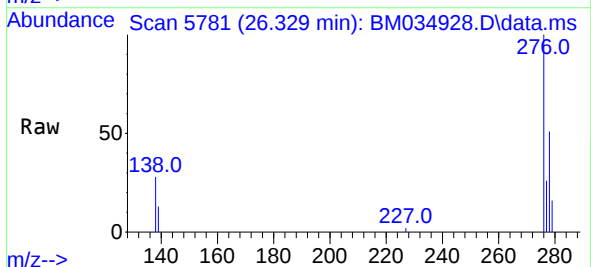


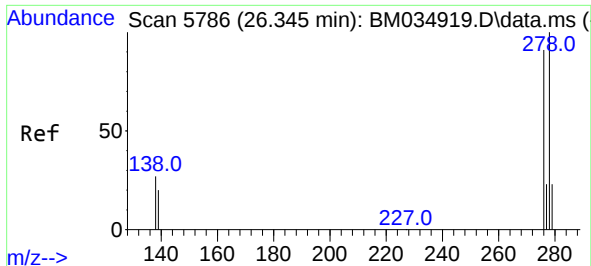
Tgt Ion:252 Resp: 12493
Ion Ratio Lower Upper
252 100
253 28.2 32.0 48.0#
125 19.8 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. -0.006 min
Lab File: BM034928.D
Acq: 04 May 2022 14:14

Tgt Ion:276 Resp: 15494
Ion Ratio Lower Upper
276 100
138 28.0 15.8 23.6#
227 0.0 0.0 0.0#

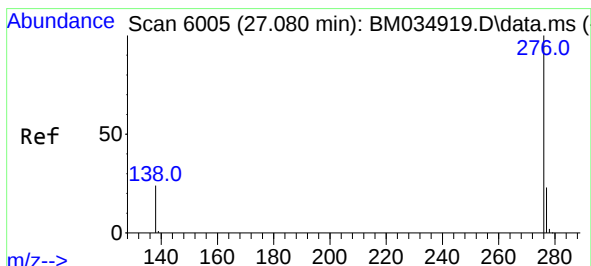
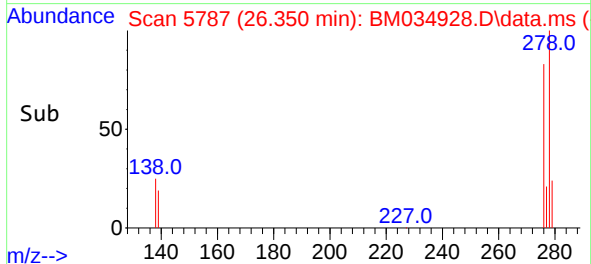
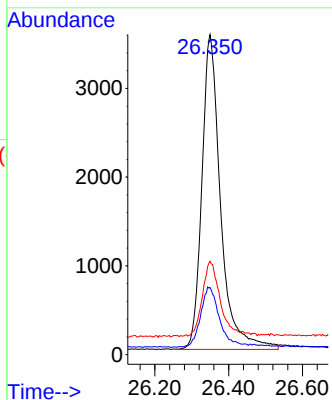
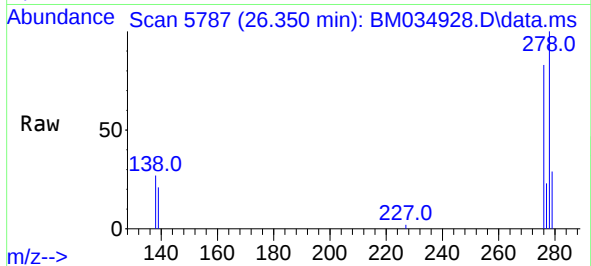




#28
Dibenzo(a,h)anthracene
Concen: 0.419 ng/ul
RT: 26.350 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM034928.D
Acq: 04 May 2022 14:14

Instrument :
BNA_M
ClientSampleId :
SLCS559

Tgt Ion:278 Resp: 12493
Ion Ratio Lower Upper
278 100
139 21.0 18.0 27.0
279 29.2 28.6 42.8



#29
Benzo(g,h,i)perylene
Concen: 0.432 ng/ul
RT: 27.081 min Scan# 6005
Delta R.T. -0.006 min
Lab File: BM034928.D
Acq: 04 May 2022 14:14

Tgt Ion:276 Resp: 13648
Ion Ratio Lower Upper
276 100
138 26.0 17.4 26.0#
277 25.2 22.6 33.8

