

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050522\
 Data File : BM034948.D
 Acq On : 05 May 2022 11:20
 Operator : CG/JU
 Sample : PB144575BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS575

Quant Time: May 06 02:45:32 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)

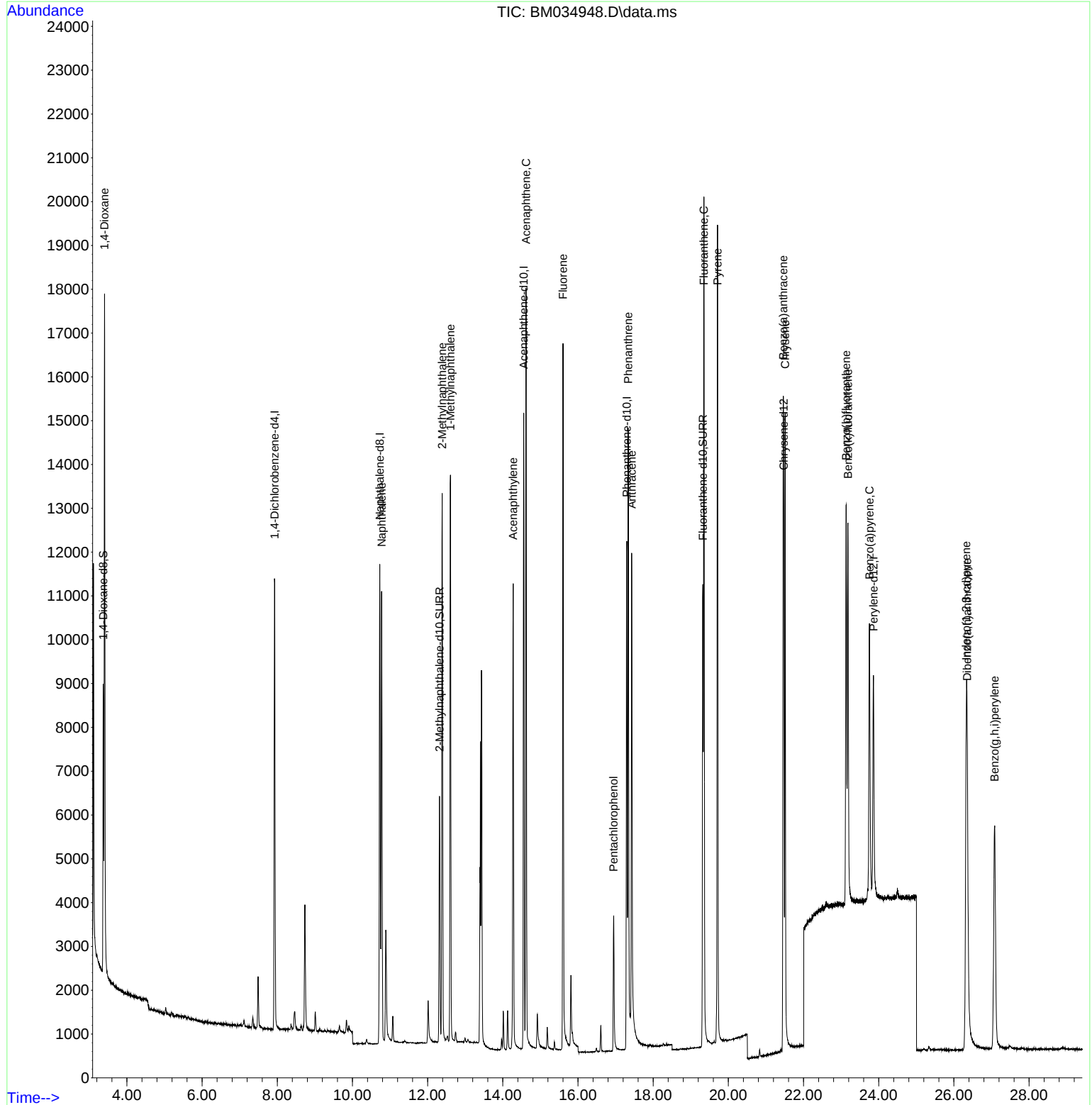
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	5402	0.400	ng/ul	0.00
4) Naphthalene-d8	10.727	136	14819	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.557	164	7941	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	14781	0.400	ng/ul #	0.00
17) Chrysene-d12	21.474	240	8482	0.400	ng/ul #	0.00
23) Perylene-d12	23.859	264	7270	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	3806	0.637	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	7395	0.355	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	11669	0.436	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.403	88	9438	1.660	ng/ul#	82
5) Naphthalene	10.776	128	14078	0.332	ng/ul#	87
7) 2-Methylnaphthalene	12.388	142	8899	0.316	ng/ul	99
8) 1-Methylnaphthalene	12.608	142	8890	0.321	ng/ul	100
10) Acenaphthylene	14.275	152	12629	0.364	ng/ul#	90
11) Acenaphthene	14.617	153	9849	0.335	ng/ul	96
12) Fluorene	15.602	166	10666	0.322	ng/ul#	98
14) Pentachlorophenol	16.951	266	2391	0.545	ng/ul	96
15) Phenanthrene	17.335	178	16247	0.332	ng/ul	95
16) Anthracene	17.428	178	13937	0.320	ng/ul#	92
19) Fluoranthene	19.350	202	17014	0.418	ng/ul	99
20) Pyrene	19.712	202	16691	0.408	ng/ul	98
21) Benzo(a)anthracene	21.459	228	11452	0.347	ng/ul	98
22) Chrysene	21.509	228	12945	0.368	ng/ul	98
24) Benzo(b)fluoranthene	23.134	252	12110	0.365	ng/ul	91
25) Benzo(k)fluoranthene	23.181	252	11800	0.356	ng/ul#	90
26) Benzo(a)pyrene	23.754	252	10752	0.397	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.330	276	13388	0.352	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.353	278	10688	0.345	ng/ul	95
29) Benzo(g,h,i)perylene	27.084	276	11995	0.365	ng/ul	93

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

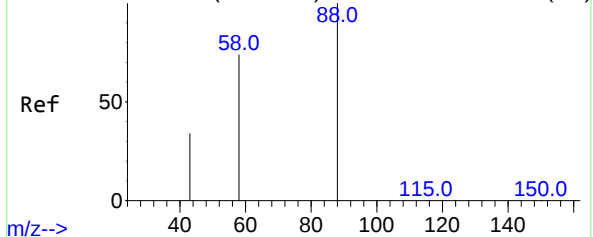
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050522\
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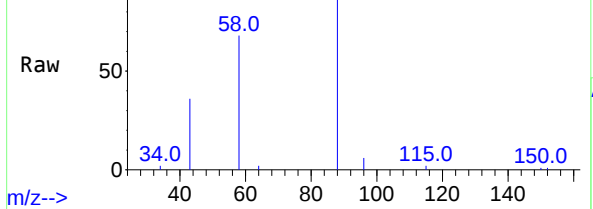


Abundance Scan 77 (3.407 min): BM034946.D\data.ms (-71)



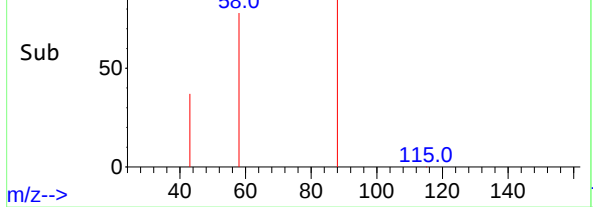
m/z-->

Abundance Scan 76 (3.403 min): BM034948.D\data.ms



m/z-->

Abundance Scan 76 (3.403 min): BM034948.D\data.ms (-65)



m/z-->

#2

1,4-Dioxane

Concen: 1.660 ng/ul

RT: 3.403 min Scan# 7

Delta R.T. -0.004 min

Lab File: BM034948.D

Acq: 05 May 2022 11:20

Instrument :

BNA_M

ClientSampleId :

SLCS575

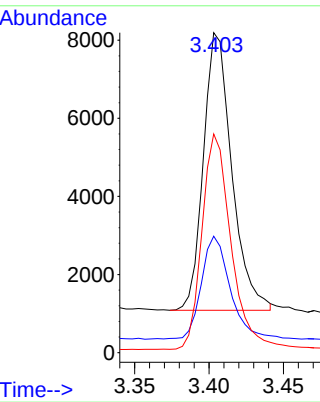
Tgt Ion: 88 Resp: 9438

Ion Ratio Lower Upper

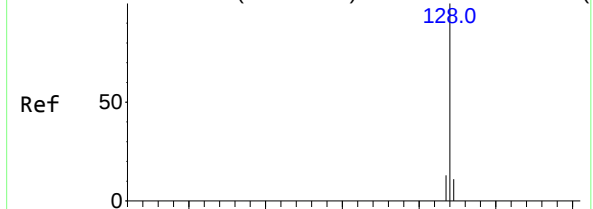
88 100

43 36.4 49.7 74.5#

58 68.4 52.5 78.7

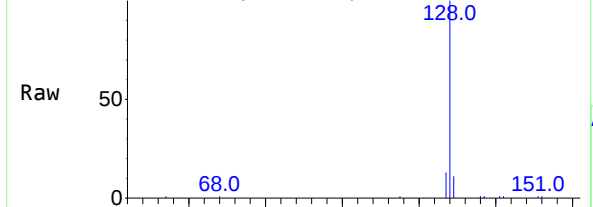


Abundance Scan 1784 (10.776 min): BM034946.D\data.ms (-71)



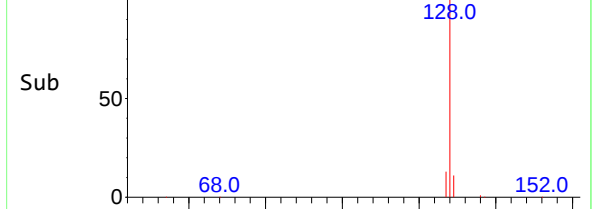
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Abundance Scan 1784 (10.776 min): BM034948.D\data.ms



m/z-->

Abundance Scan 1784 (10.776 min): BM034948.D\data.ms (-65)



m/z-->

#5

Naphthalene

Concen: 0.332 ng/ul

RT: 10.776 min Scan# 1784

Delta R.T. -0.005 min

Lab File: BM034948.D

Acq: 05 May 2022 11:20

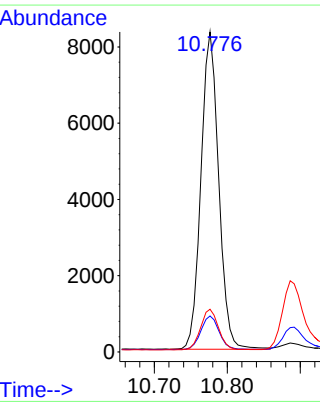
Tgt Ion:128 Resp: 14078

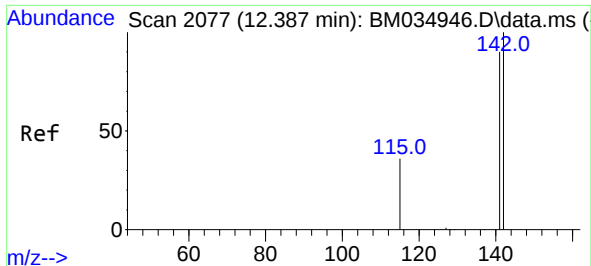
Ion Ratio Lower Upper

128 100

129 11.2 13.4 20.2#

127 13.3 15.2 22.8#

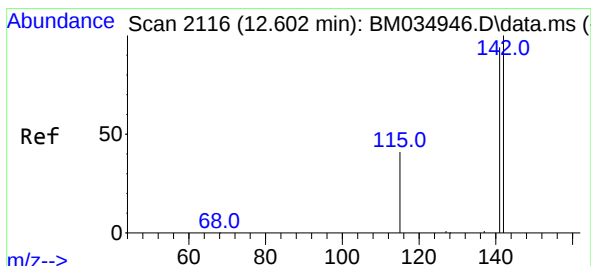
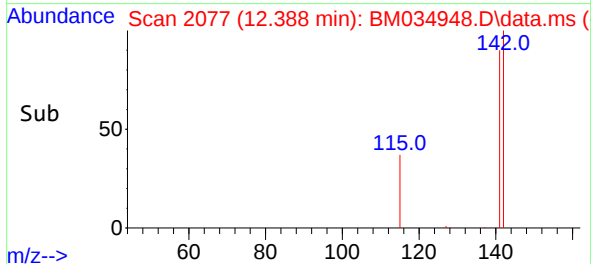
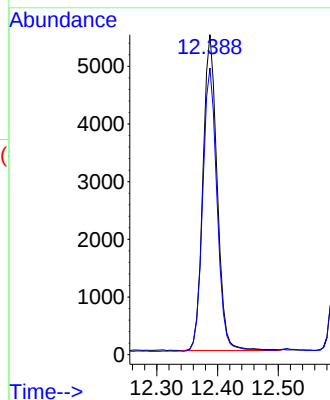
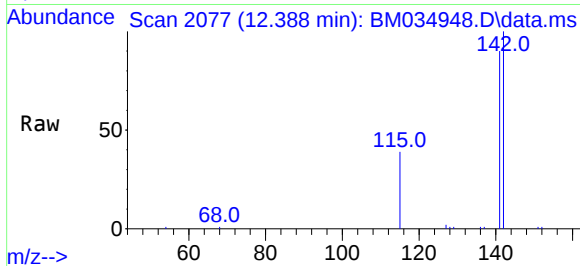




#7
2-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.388 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM034948.D
Acq: 05 May 2022 11:20

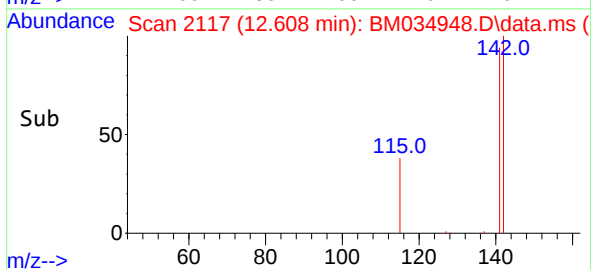
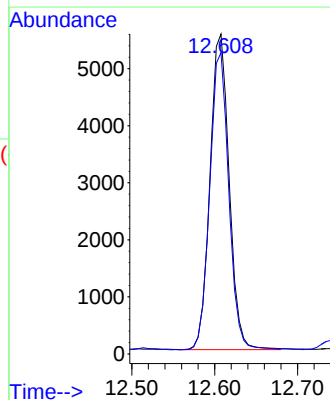
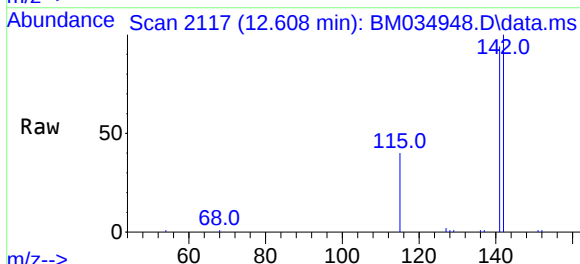
Instrument :
BNA_M
ClientSampleId :
SLCS575

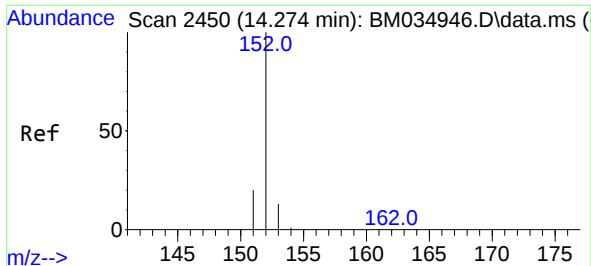
Tgt Ion:142 Resp: 8899
Ion Ratio Lower Upper
142 100
141 90.4 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.321 ng/ul
RT: 12.608 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM034948.D
Acq: 05 May 2022 11:20

Tgt Ion:142 Resp: 8890
Ion Ratio Lower Upper
142 100
141 93.3 75.0 112.4

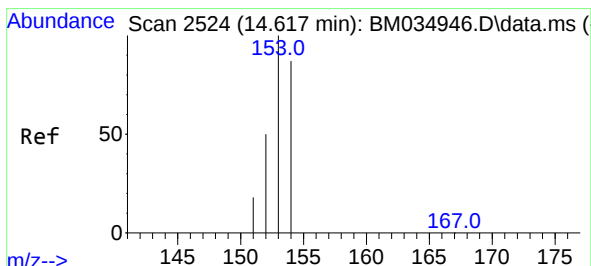
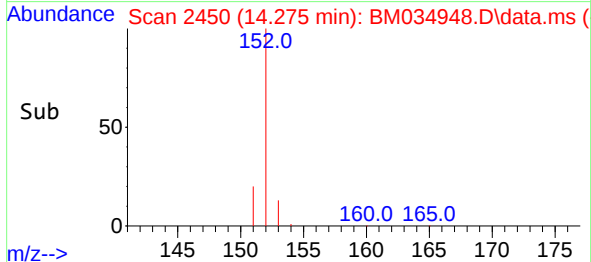
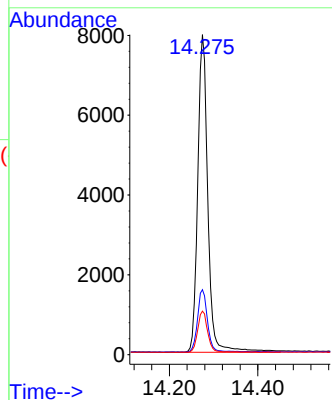
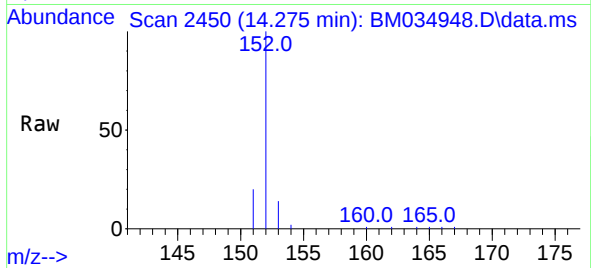




#10
Acenaphthylene
Concen: 0.364 ng/ul
RT: 14.275 min Scan# 2450
Delta R.T. -0.005 min
Lab File: BM034948.D
Acq: 05 May 2022 11:20

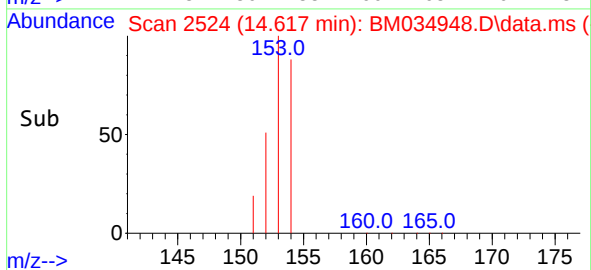
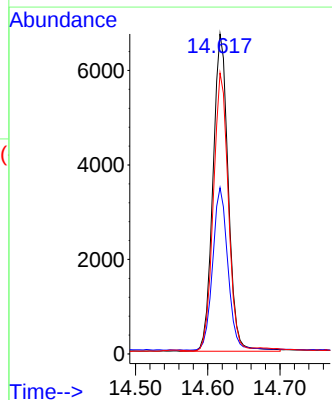
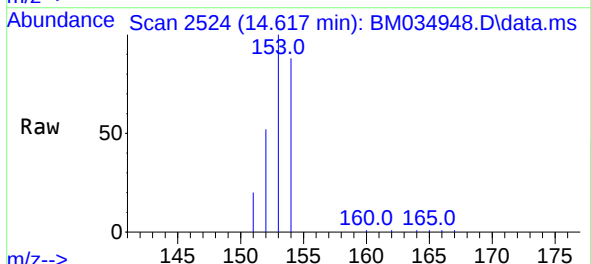
Instrument :
BNA_M
ClientSampleId :
SLCS575

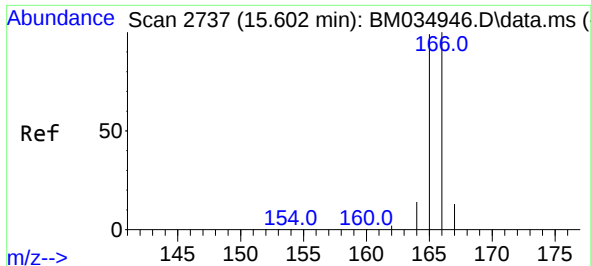
Tgt Ion:	152	Resp:	12629
Ion Ratio	Lower	Upper	
152	100		
151	20.3	19.9	29.9
153	13.6	15.0	22.4



#11
Acenaphthene
Concen: 0.335 ng/ul
RT: 14.617 min Scan# 2524
Delta R.T. -0.005 min
Lab File: BM034948.D
Acq: 05 May 2022 11:20

Tgt Ion:	153	Resp:	9849
Ion Ratio	Lower	Upper	
153	100		
152	51.9	42.4	63.6
154	87.8	66.2	99.2

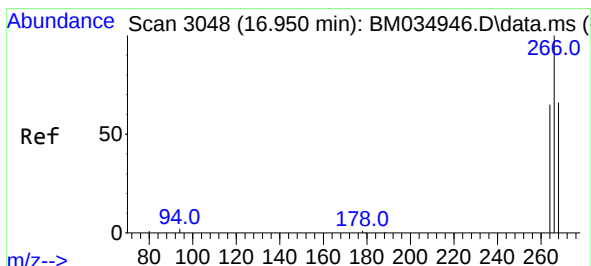
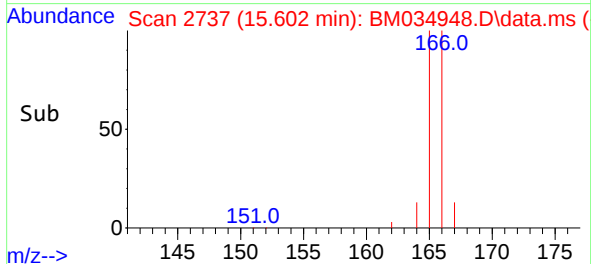
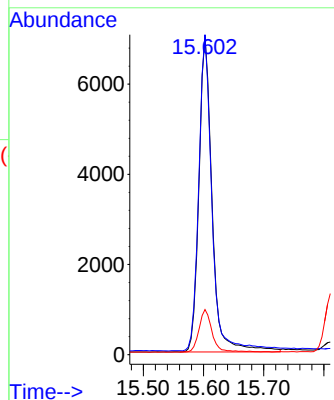
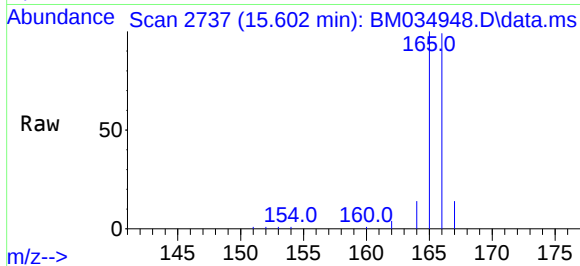




#12
Fluorene
Concen: 0.322 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM034948.D
Acq: 05 May 2022 11:20

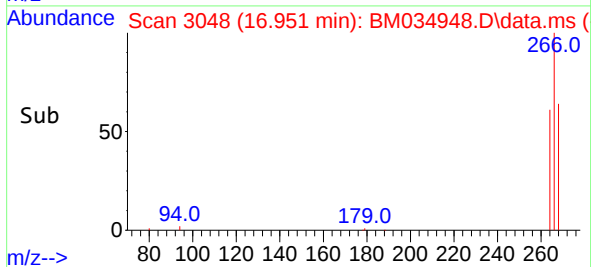
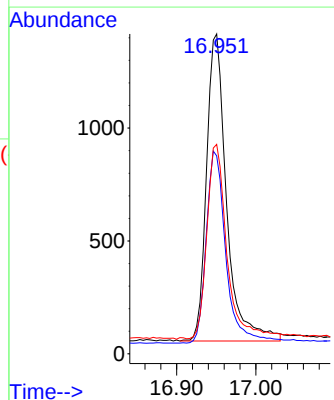
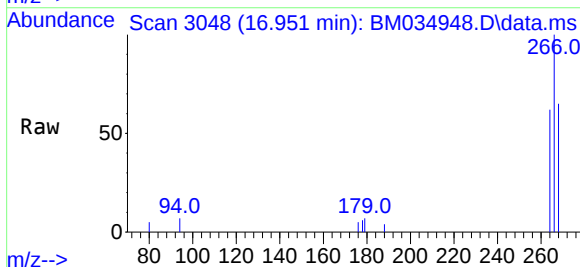
Instrument :
BNA_M
ClientSampleId :
SLCS575

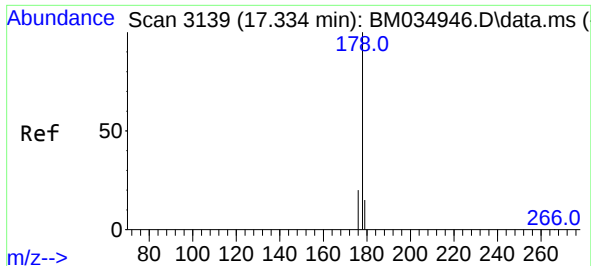
Tgt Ion:166 Resp: 10666
Ion Ratio Lower Upper
166 100
165 100.6 81.1 121.7
167 14.2 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.545 ng/ul
RT: 16.951 min Scan# 3048
Delta R.T. -0.001 min
Lab File: BM034948.D
Acq: 05 May 2022 11:20

Tgt Ion:266 Resp: 2391
Ion Ratio Lower Upper
266 100
264 61.4 51.4 77.0
268 63.4 53.1 79.7

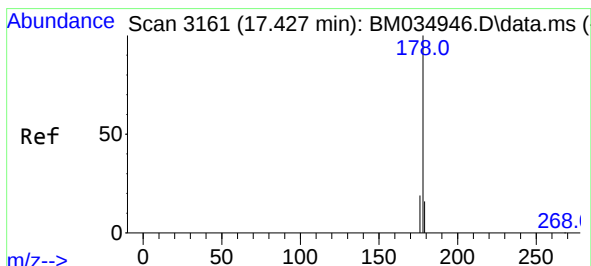
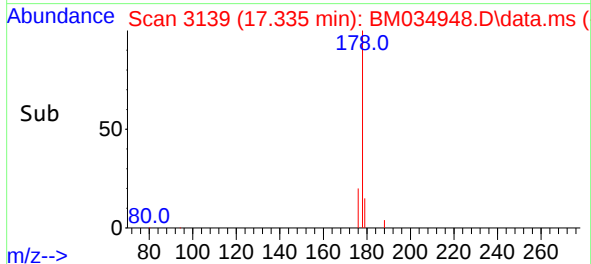
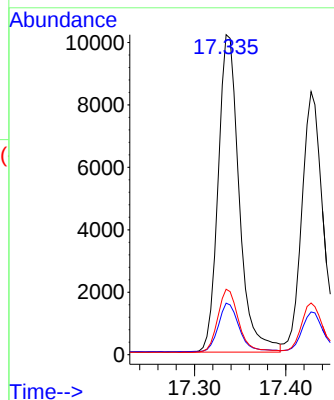
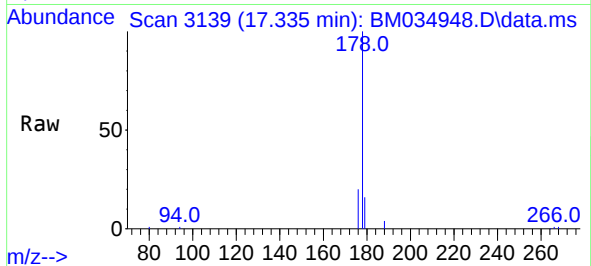




#15
Phenanthrene
Concen: 0.332 ng/ul
RT: 17.335 min Scan# 3139
Delta R.T. -0.005 min
Lab File: BM034948.D
Acq: 05 May 2022 11:20

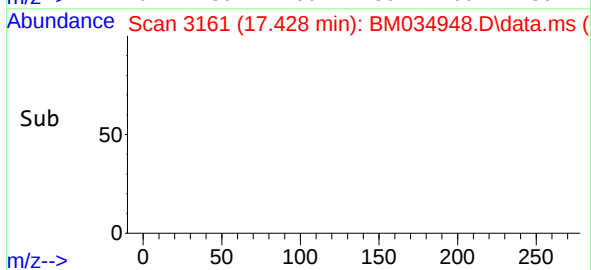
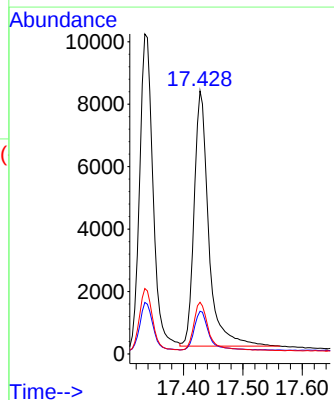
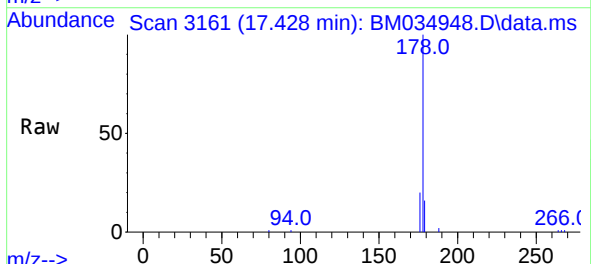
Instrument :
BNA_M
ClientSampleId :
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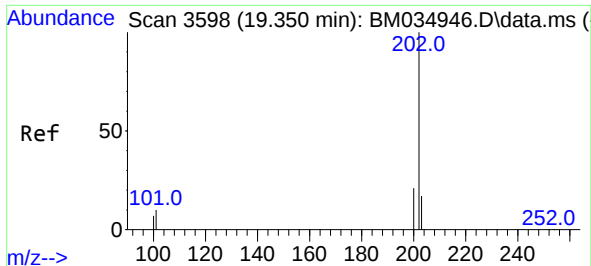
Tgt Ion:	178	Resp:	16247
Ion	Ratio	Lower	Upper
178	100		
179	16.1	15.0	22.6
176	20.5	17.9	26.9



#16
Anthracene
Concen: 0.320 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BM034948.D
Acq: 05 May 2022 11:20

Tgt Ion:	178	Resp:	13937
Ion	Ratio	Lower	Upper
178	100		
179	16.3	16.5	24.7#
176	19.7	18.3	27.5

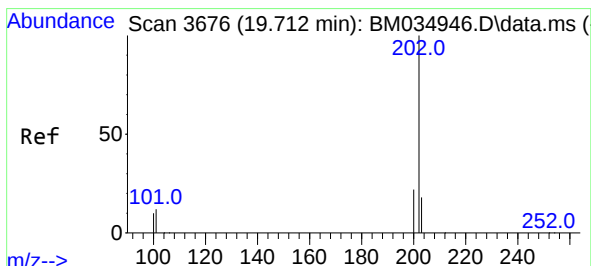
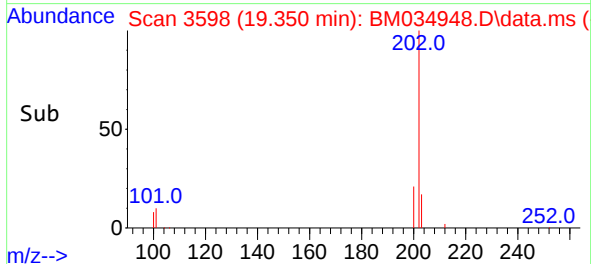
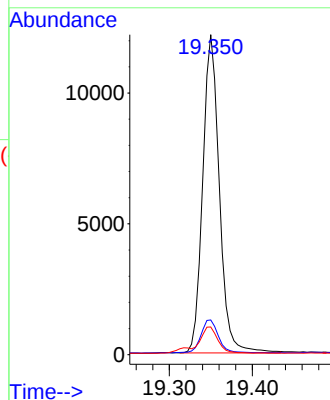
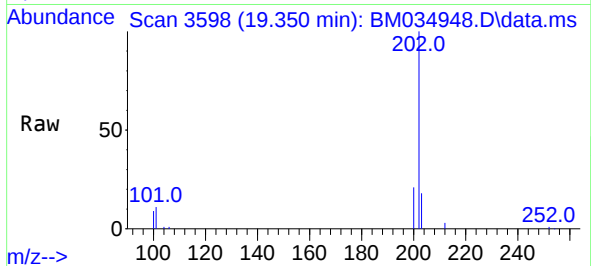




#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.350 min Scan# 3598
Delta R.T. -0.005 min
Lab File: BM034948.D
Acq: 05 May 2022 11:20

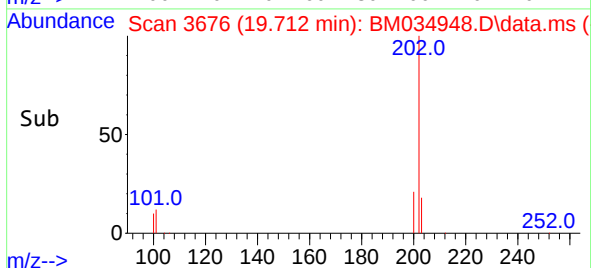
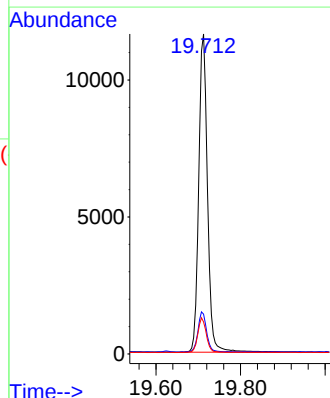
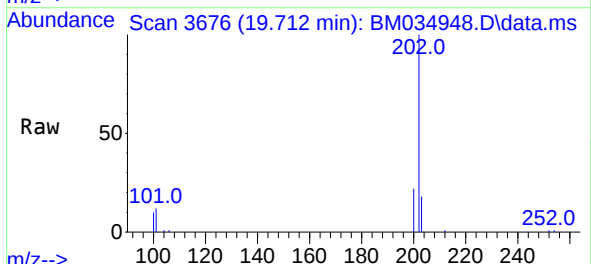
Instrument :
BNA_M
ClientSampleId :
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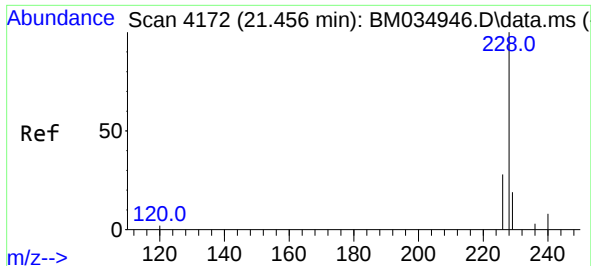
Tgt Ion:202 Resp: 17014
Ion Ratio Lower Upper
202 100
101 10.9 9.2 13.8
100 8.7 7.2 10.8



#20
Pyrene
Concen: 0.408 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. -0.001 min
Lab File: BM034948.D
Acq: 05 May 2022 11:20

Tgt Ion:202 Resp: 16691
Ion Ratio Lower Upper
202 100
101 12.4 9.3 13.9
100 10.0 7.8 11.6

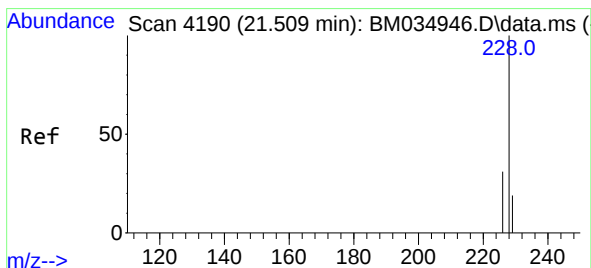
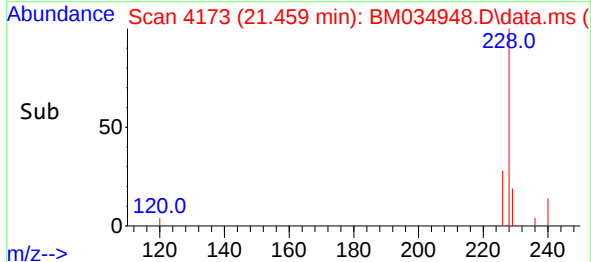
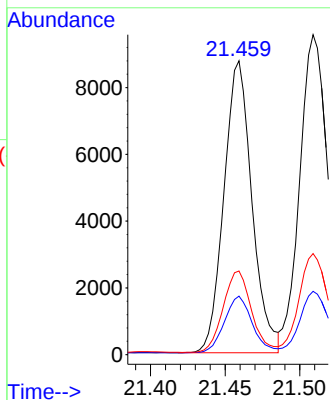
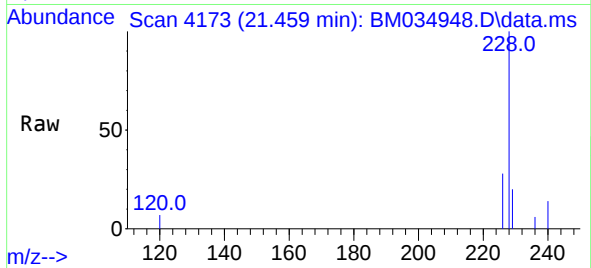




#21
Benzo(a)anthracene
Concen: 0.347 ng/ul
RT: 21.459 min Scan# 4173
Delta R.T. 0.001 min
Lab File: BM034948.D
Acq: 05 May 2022 11:20

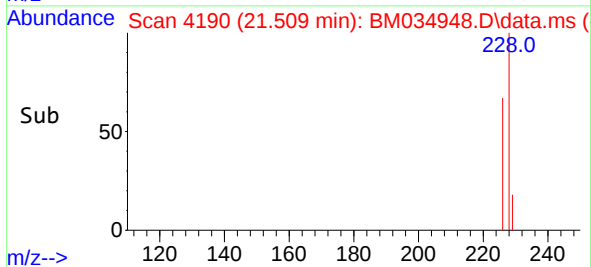
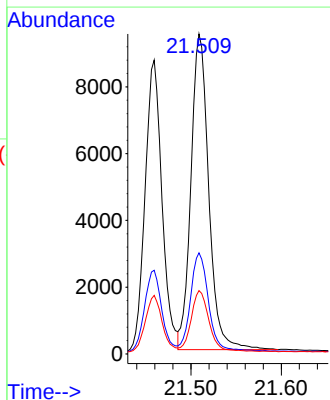
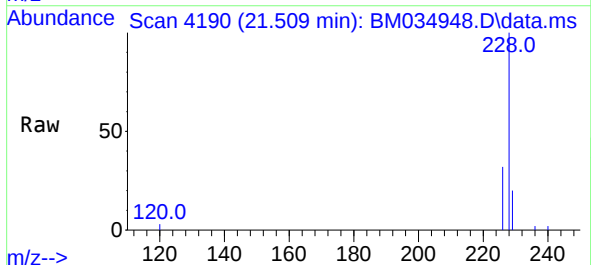
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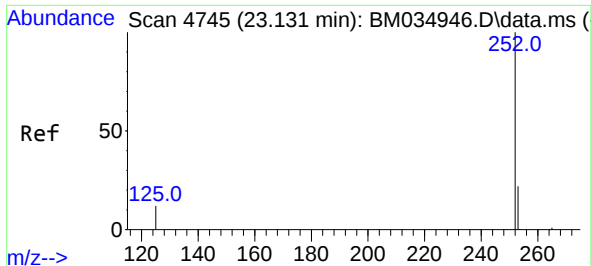
Tgt Ion:228	Resp:	11452
Ion Ratio	Lower	Upper
228	100	
229	19.9	17.3 25.9
226	28.5	23.2 34.8



#22
Chrysene
Concen: 0.368 ng/ul
RT: 21.509 min Scan# 4190
Delta R.T. -0.002 min
Lab File: BM034948.D
Acq: 05 May 2022 11:20

Tgt Ion:228	Resp:	12945
Ion Ratio	Lower	Upper
228	100	
226	31.6	25.8 38.8
229	19.8	16.7 25.1

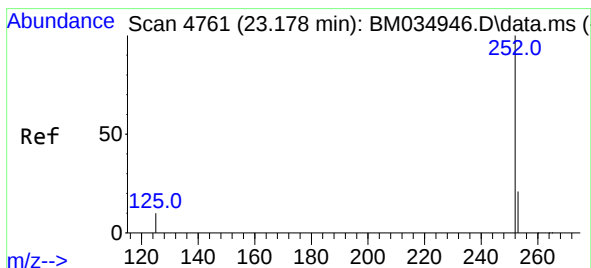
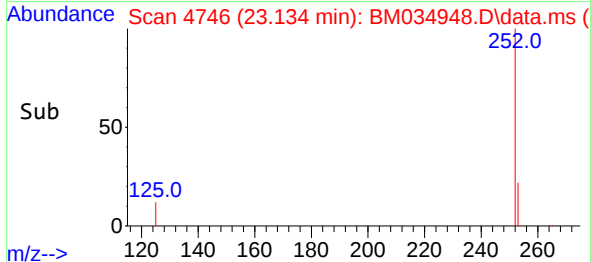
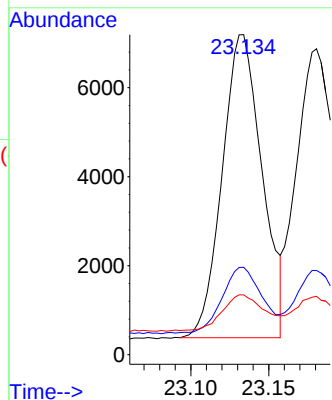
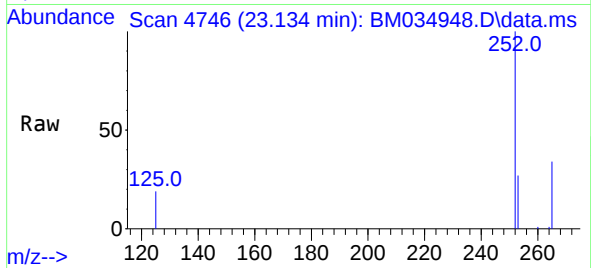




#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 23.134 min Scan# 4745
Delta R.T. -0.002 min
Lab File: BM034948.D
Acq: 05 May 2022 11:20

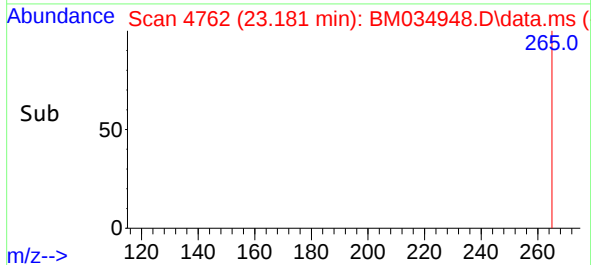
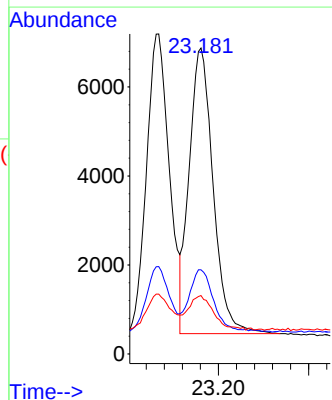
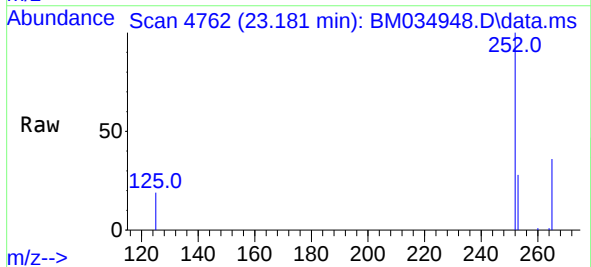
Instrument :
BNA_M
ClientSampleId :
SLCS575

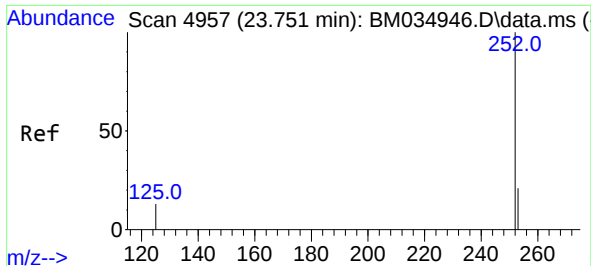
Tgt Ion:252 Resp: 12110
Ion Ratio Lower Upper
252 100
253 27.3 0.0 64.2
125 18.7 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.356 ng/ul
RT: 23.181 min Scan# 4762
Delta R.T. -0.002 min
Lab File: BM034948.D
Acq: 05 May 2022 11:20

Tgt Ion:252 Resp: 11800
Ion Ratio Lower Upper
252 100
253 27.5 26.8 40.2
125 19.1 12.0 18.0#

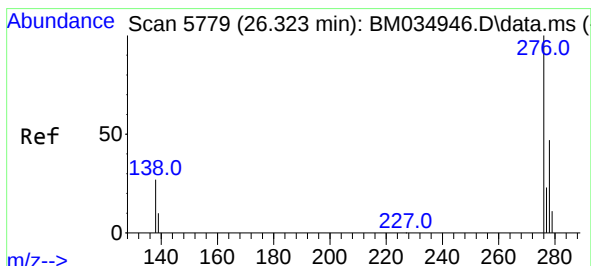
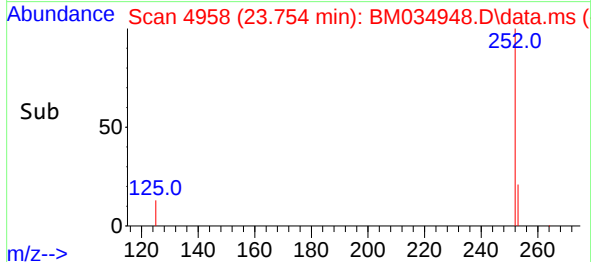
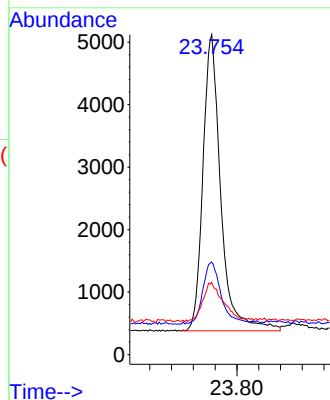
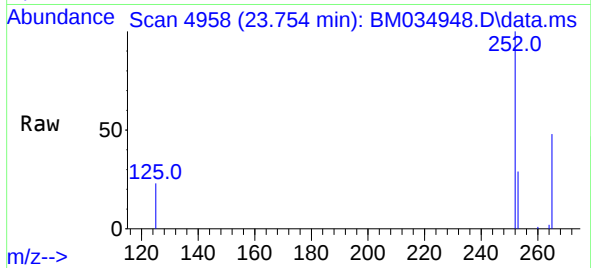




#26
Benzo(a)pyrene
Concen: 0.397 ng/ul
RT: 23.754 min Scan# 4957
Delta R.T. -0.002 min
Lab File: BM034948.D
Acq: 05 May 2022 11:20

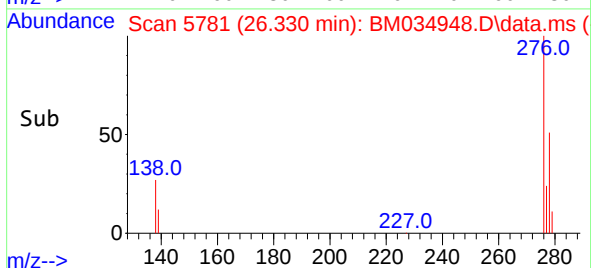
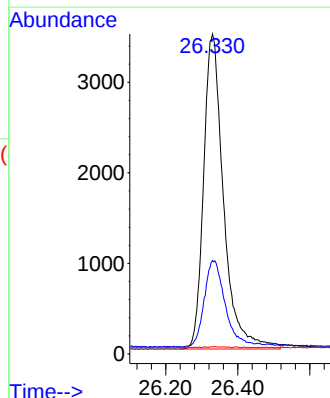
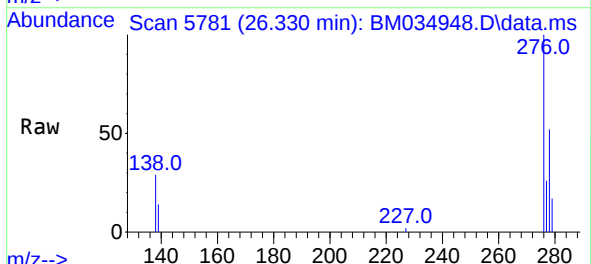
Instrument :
BNA_M
ClientSampleId :
SLCS575

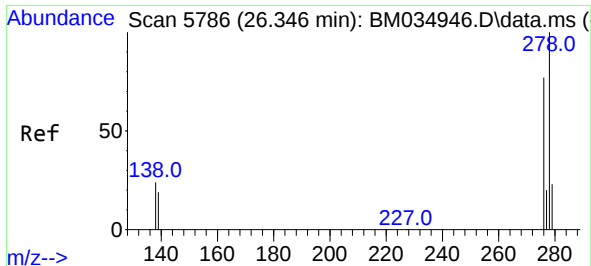
Tgt Ion:252 Resp: 10752
Ion Ratio Lower Upper
252 100
253 28.9 32.0 48.0#
125 22.6 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng/ul
RT: 26.330 min Scan# 5781
Delta R.T. -0.006 min
Lab File: BM034948.D
Acq: 05 May 2022 11:20

Tgt Ion:276 Resp: 13388
Ion Ratio Lower Upper
276 100
138 29.6 15.8 23.6#
227 0.1 0.0 0.0#

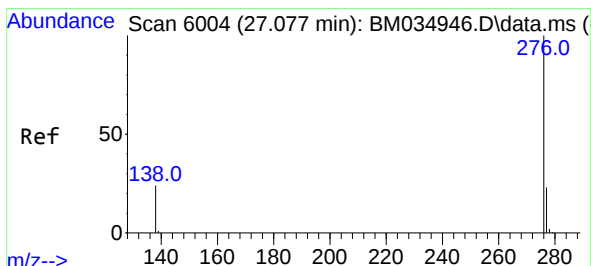
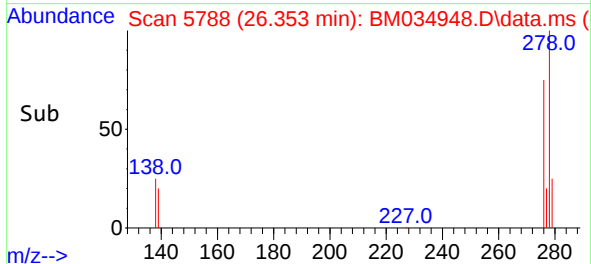
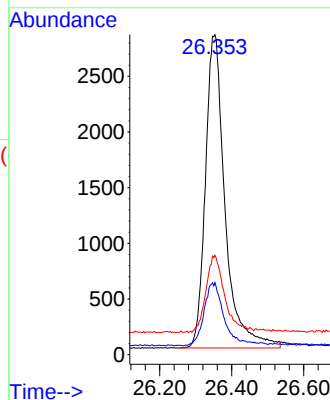
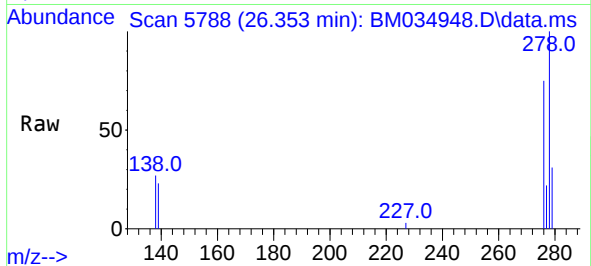




#28
Dibenzo(a,h)anthracene
Concen: 0.345 ng/ul
RT: 26.353 min Scan# 51
Delta R.T. 0.001 min
Lab File: BM034948.D
Acq: 05 May 2022 11:20

Instrument :
BNA_M
ClientSampleId :
SLCS575

Tgt Ion:278 Resp: 10688
Ion Ratio Lower Upper
278 100
139 22.6 18.0 27.0
279 31.0 28.6 42.8



#29
Benzo(g,h,i)perylene
Concen: 0.365 ng/ul
RT: 27.084 min Scan# 6006
Delta R.T. -0.002 min
Lab File: BM034948.D
Acq: 05 May 2022 11:20

Tgt Ion:276 Resp: 11995
Ion Ratio Lower Upper
276 100
138 25.8 17.4 26.0
277 25.2 22.6 33.8

