

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
 Data File : BM030905.D
 Acq On : 09 Jul 2021 04:11
 Operator : CG/JU
 Sample : PB137515BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS515

Quant Time: Jul 09 05:22:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 10:44:22 2021
 Response via : Initial Calibration

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

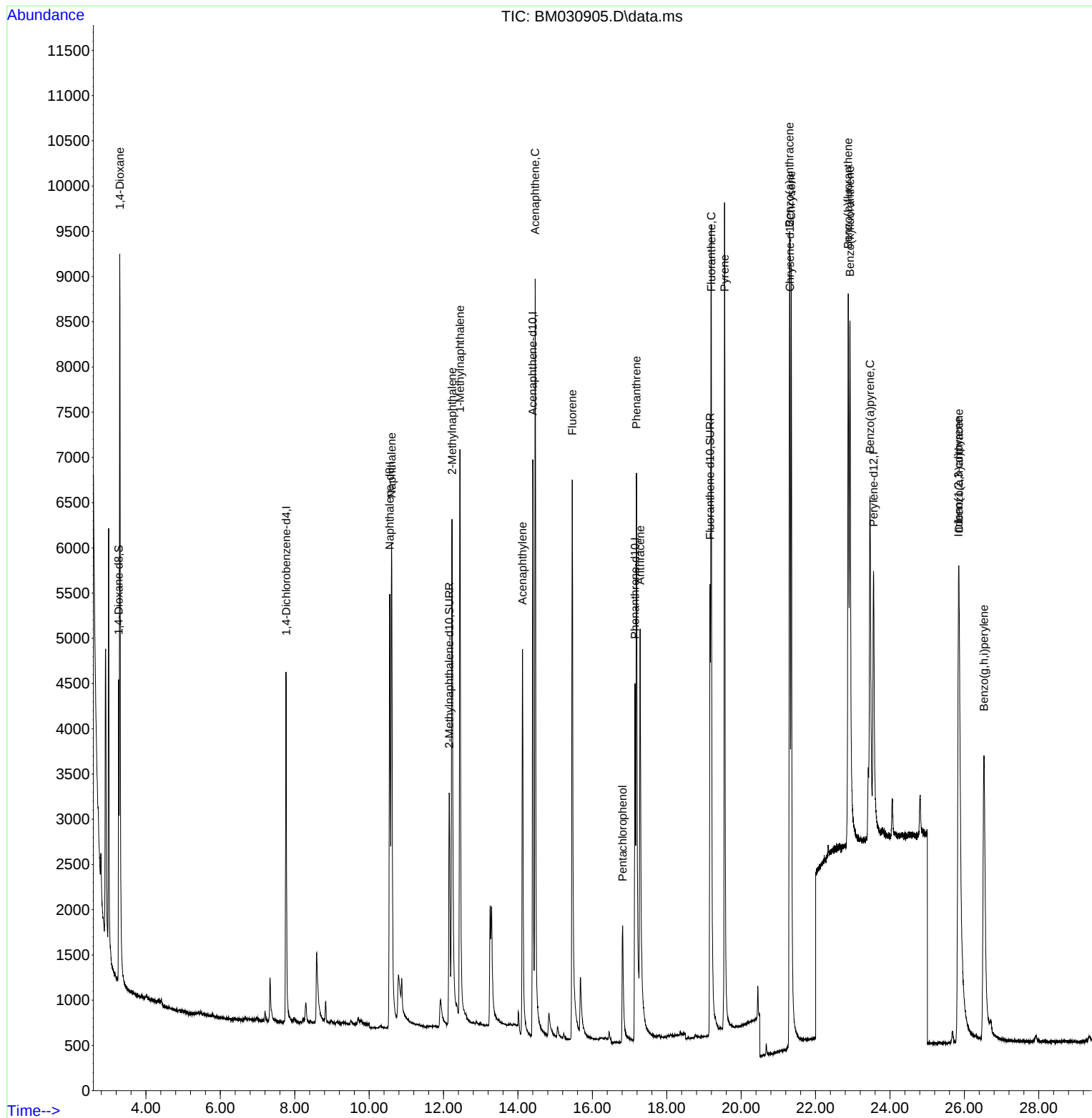
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	2365	0.400	ng/ul	0.00
4) Naphthalene-d8	10.554	136	9013	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.398	164	4439	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.145	188	7013	0.400	ng/ul	0.00
17) Chrysene-d12	21.311	240	5200	0.400	ng/ul	0.00
23) Perylene-d12	23.559	264	4983	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	2115	0.821	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.151	152	5377	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.165	212	7356	0.493	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.296	88	5139	1.930	ng/ul#	84
5) Naphthalene	10.604	128	9662	0.376	ng/ul	98
7) 2-Methylnaphthalene	12.227	142	6201	0.359	ng/ul	97
8) 1-Methylnaphthalene	12.443	142	5714	0.340	ng/ul	100
10) Acenaphthylene	14.121	152	7264	0.367	ng/ul	96
11) Acenaphthene	14.463	153	6240	0.389	ng/ul	98
12) Fluorene	15.460	166	6293	0.355	ng/ul	97
14) Pentachlorophenol	16.812	266	1632	0.713	ng/ul	93
15) Phenanthrene	17.186	178	8653	0.367	ng/ul	97
16) Anthracene	17.284	178	7783	0.377	ng/ul	97
19) Fluoranthene	19.195	202	9601	0.418	ng/ul	100
20) Pyrene	19.554	202	9996	0.433	ng/ul	99
21) Benzo(a)anthracene	21.299	228	7555	0.364	ng/ul	99
22) Chrysene	21.345	228	9467	0.408	ng/ul	99
24) Benzo(b)fluoranthene	22.878	252	9410	0.426	ng/ul	93
25) Benzo(k)fluoranthene	22.924	252	10367	0.456	ng/ul	93
26) Benzo(a)pyrene	23.464	252	8211	0.437	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.841	276	10922	0.447	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.856	278	8802	0.449	ng/ul#	91
29) Benzo(g,h,i)perylene	26.527	276	9735	0.458	ng/ul	97

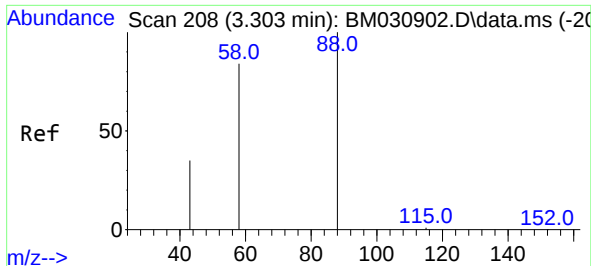
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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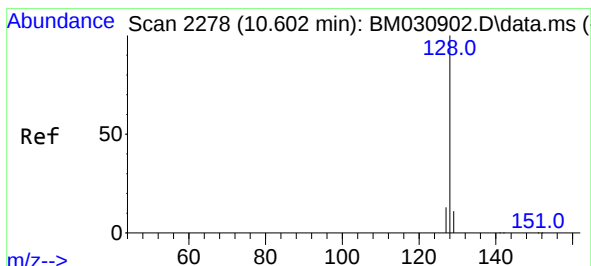
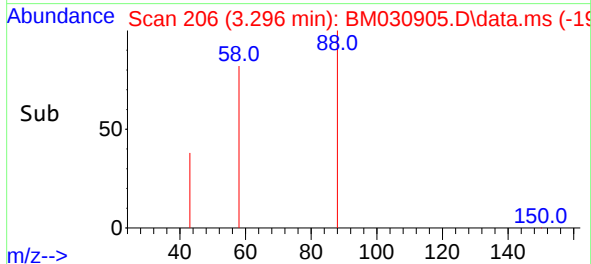
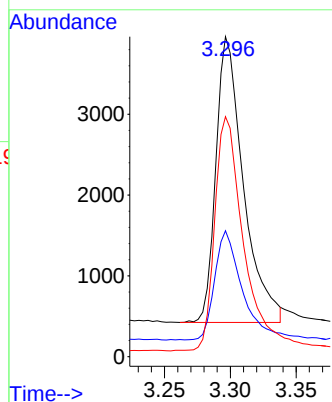
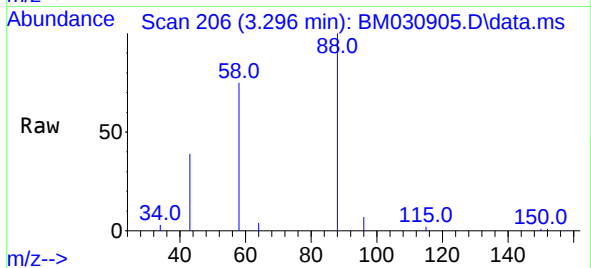




#2
1,4-Dioxane
Concen: 1.930 ng/ul
RT: 3.296 min Scan# 206
Delta R.T. -0.007 min
Lab File: BM030905.D
Acq: 09 Jul 2021 04:11

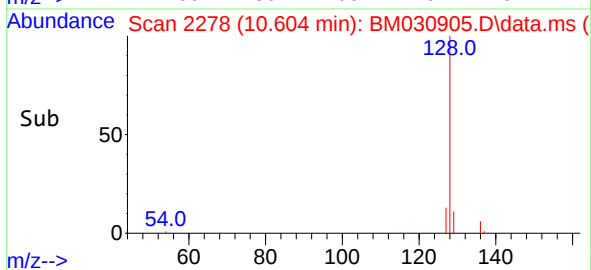
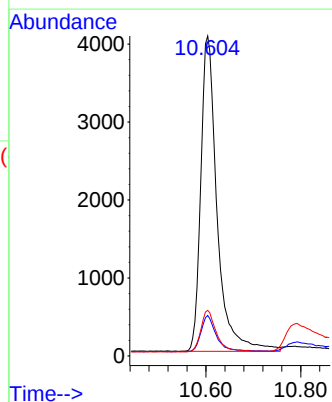
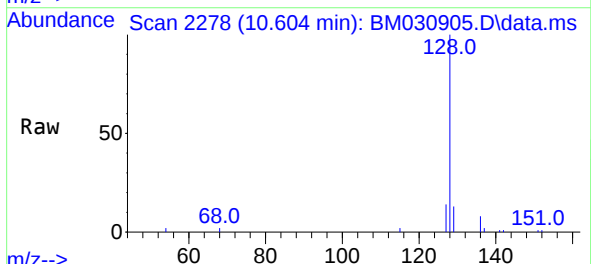
Instrument :
BNA_M
ClientSampleId :
SLCS515

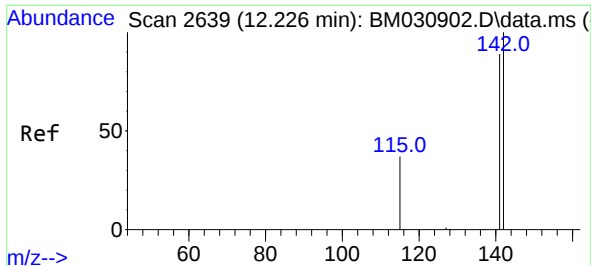
Tgt Ion: 88 Resp: 5139
Ion Ratio Lower Upper
88 100
43 39.4 37.7 56.5
58 75.0 48.5 72.7#



#5
Naphthalene
Concen: 0.376 ng/ul
RT: 10.604 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BM030905.D
Acq: 09 Jul 2021 04:11

Tgt Ion: 128 Resp: 9662
Ion Ratio Lower Upper
128 100
129 12.7 9.0 13.6
127 14.2 10.9 16.3

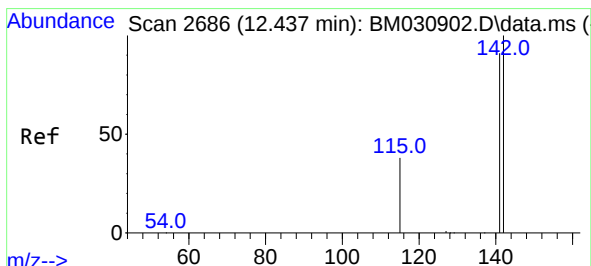
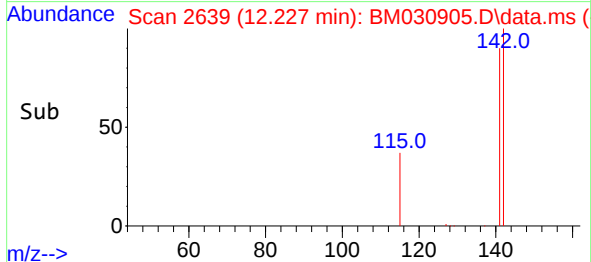
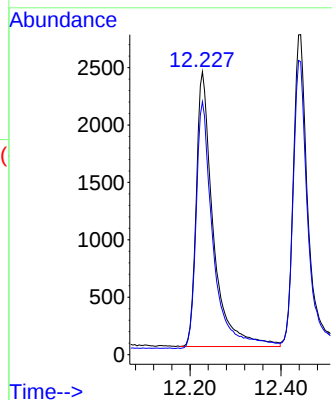
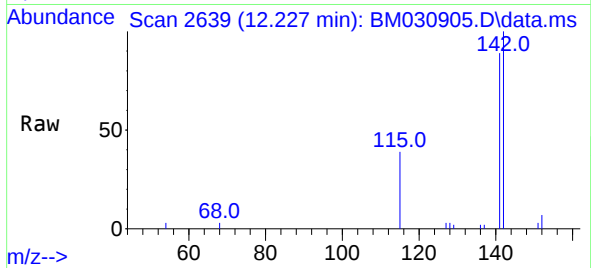




#7
2-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. -0.004 min
Lab File: BM030905.D
Acq: 09 Jul 2021 04:11

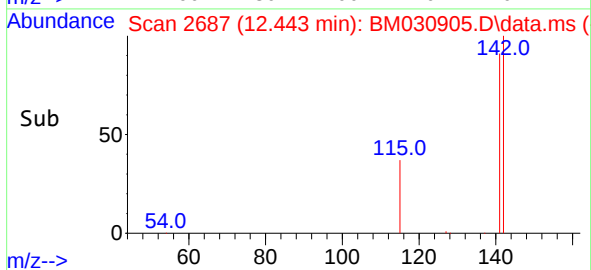
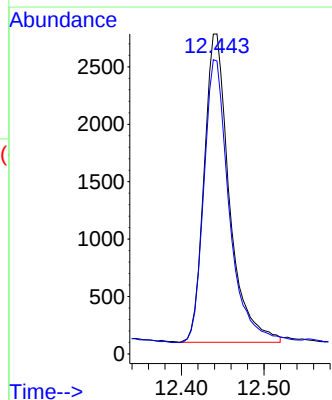
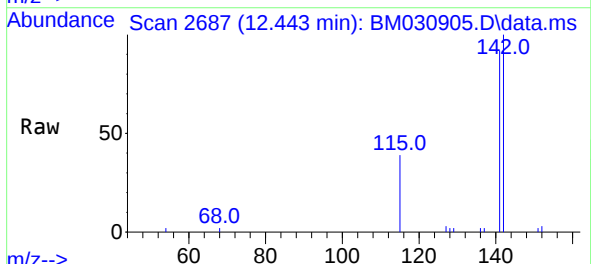
Instrument :
BNA_M
ClientSampled :
SLCS515

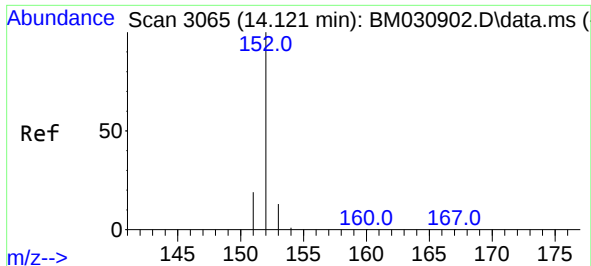
Tgt Ion:142 Resp: 6201
Ion Ratio Lower Upper
142 100
141 91.6 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.443 min Scan# 2687
Delta R.T. 0.000 min
Lab File: BM030905.D
Acq: 09 Jul 2021 04:11

Tgt Ion:142 Resp: 5714
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.0

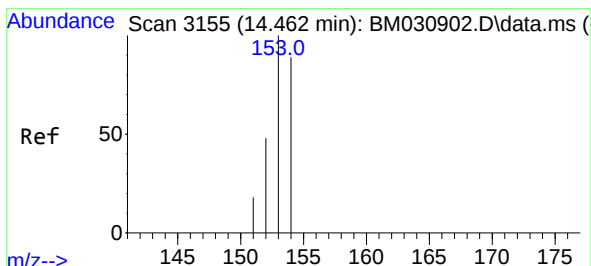
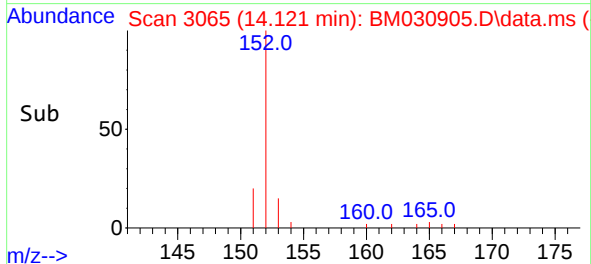
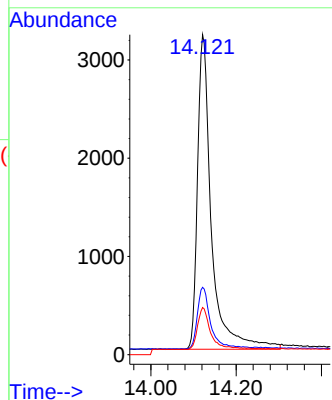
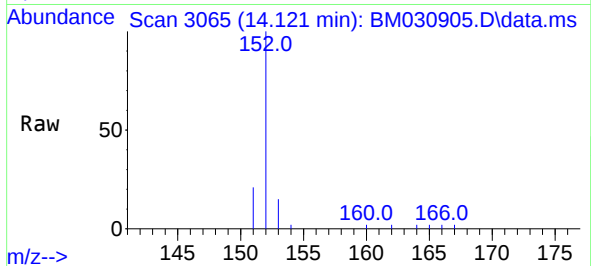




#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 14.121 min Scan# 3065
Delta R.T. -0.004 min
Lab File: BM030905.D
Acq: 09 Jul 2021 04:11

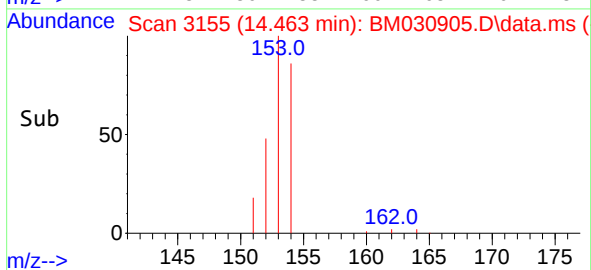
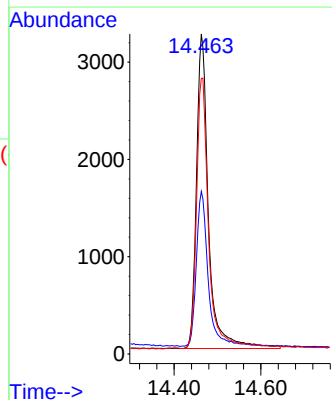
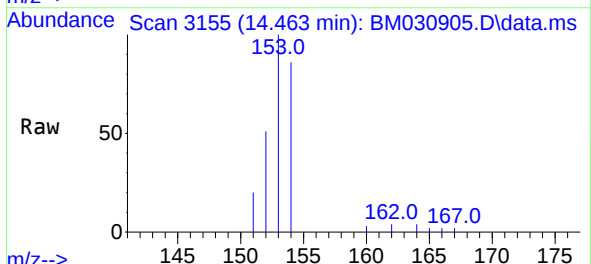
Instrument :
BNA_M
ClientSampled :
SLCS515

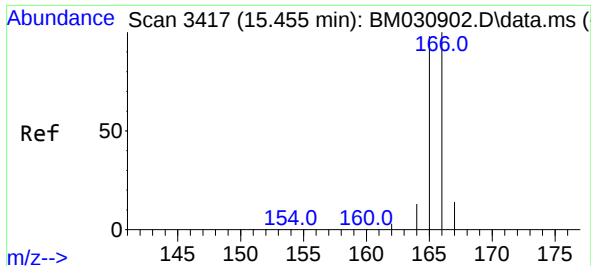
Tgt Ion:	152	Resp:	7264
Ion Ratio	Lower	Upper	
152	100		
151	21.1	15.5	23.3
153	14.7	10.7	16.1



#11
Acenaphthene
Concen: 0.389 ng/ul
RT: 14.463 min Scan# 3155
Delta R.T. -0.004 min
Lab File: BM030905.D
Acq: 09 Jul 2021 04:11

Tgt Ion:	153	Resp:	6240
Ion Ratio	Lower	Upper	
153	100		
152	50.8	40.2	60.2
154	86.1	71.2	106.8

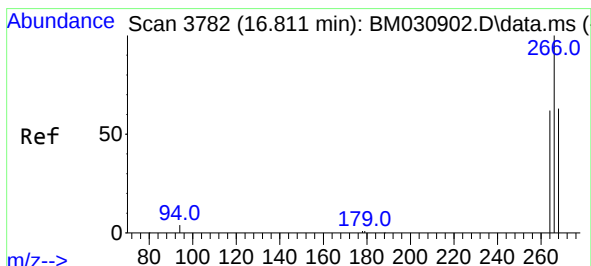
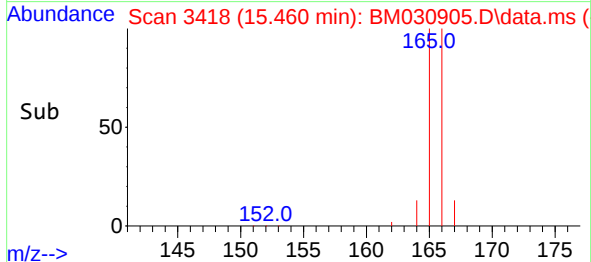
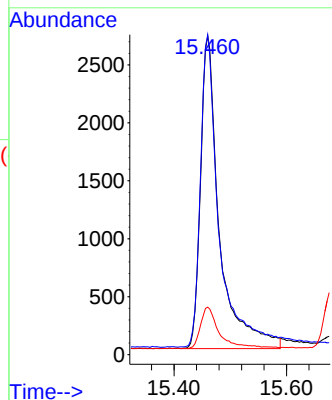
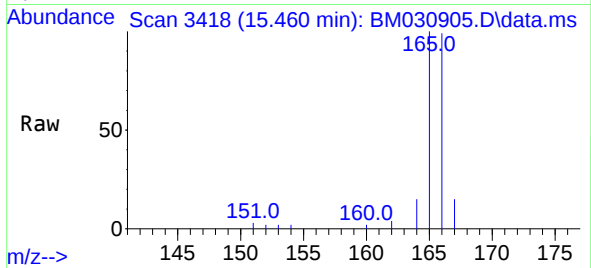




#12
Fluorene
Concen: 0.355 ng/ul
RT: 15.460 min Scan# 3418
Delta R.T. -0.004 min
Lab File: BM030905.D
Acq: 09 Jul 2021 04:11

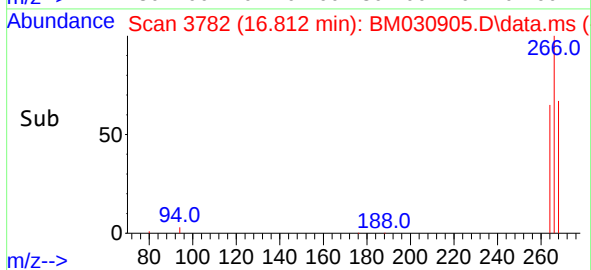
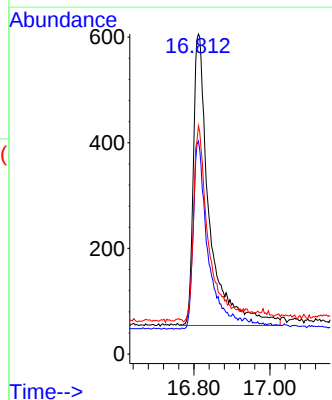
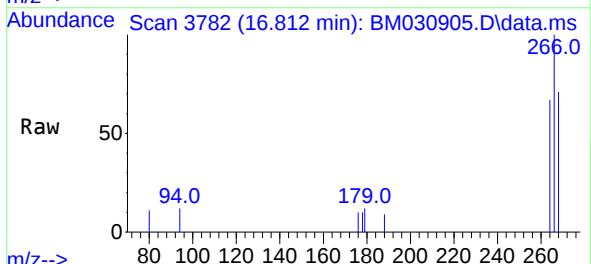
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ClientSampleId :
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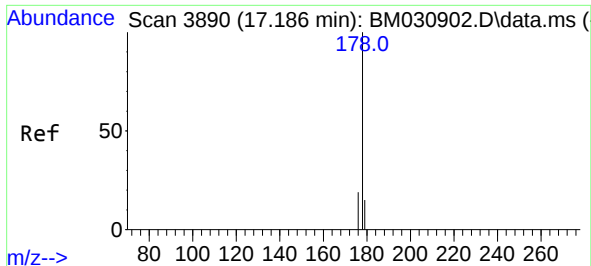
Tgt Ion:166 Resp: 6293
Ion Ratio Lower Upper
166 100
165 100.5 77.7 116.5
167 14.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.713 ng/ul
RT: 16.812 min Scan# 3782
Delta R.T. -0.021 min
Lab File: BM030905.D
Acq: 09 Jul 2021 04:11

Tgt Ion:266 Resp: 1632
Ion Ratio Lower Upper
266 100
264 62.3 47.7 71.5
268 67.6 47.5 71.3

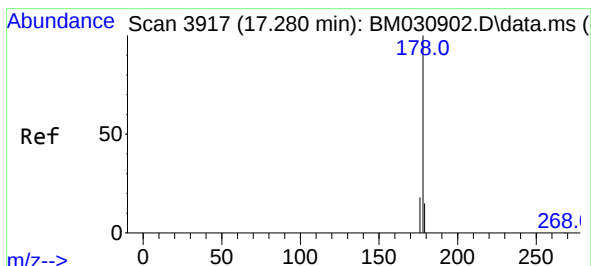
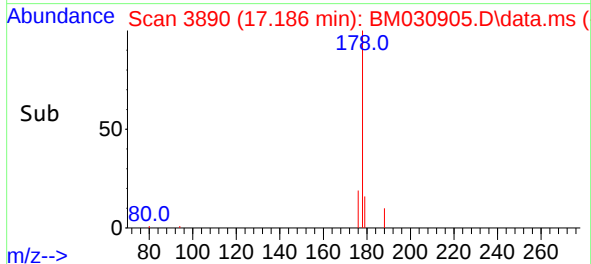
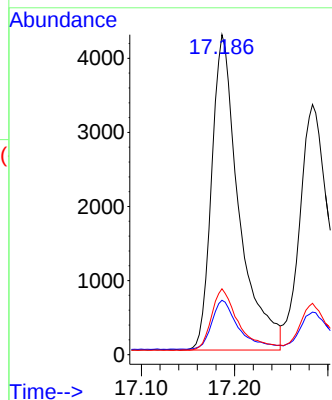
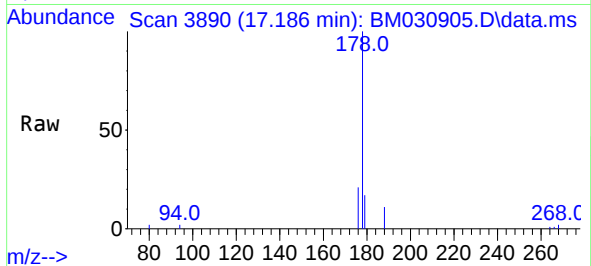




#15
Phenanthrene
Concen: 0.367 ng/ul
RT: 17.186 min Scan# 3890
Delta R.T. -0.007 min
Lab File: BM030905.D
Acq: 09 Jul 2021 04:11

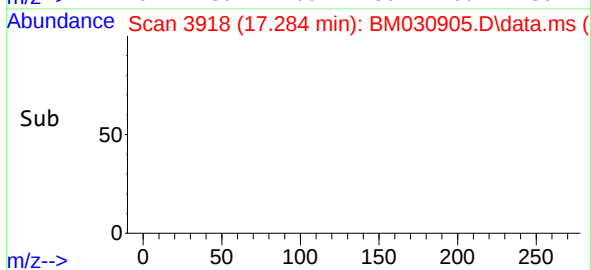
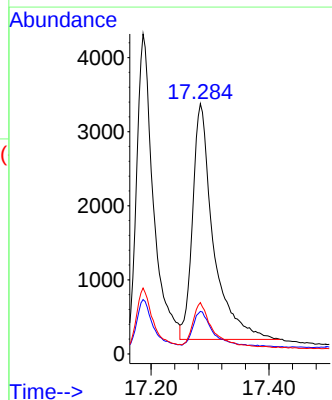
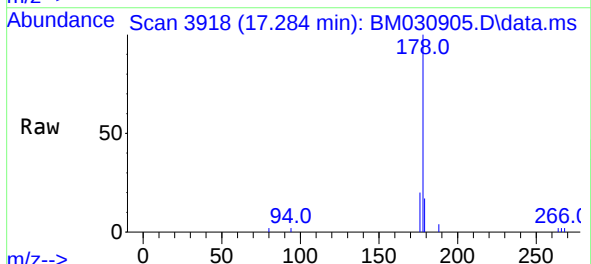
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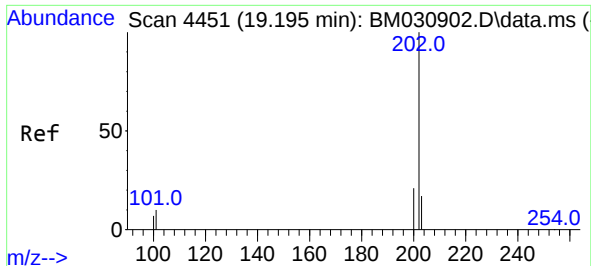
Tgt Ion:	178	Resp:	8653
Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.6	19.0
176	20.6	15.5	23.3



#16
Anthracene
Concen: 0.377 ng/ul
RT: 17.284 min Scan# 3918
Delta R.T. -0.007 min
Lab File: BM030905.D
Acq: 09 Jul 2021 04:11

Tgt Ion:	178	Resp:	7783
Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.7	19.1
176	20.5	15.2	22.8

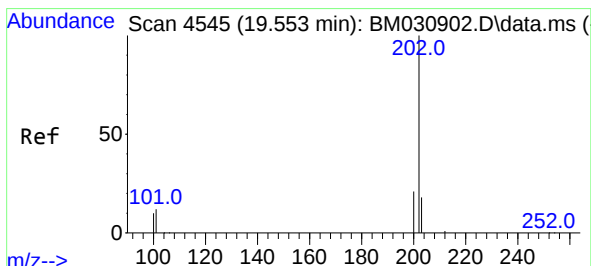
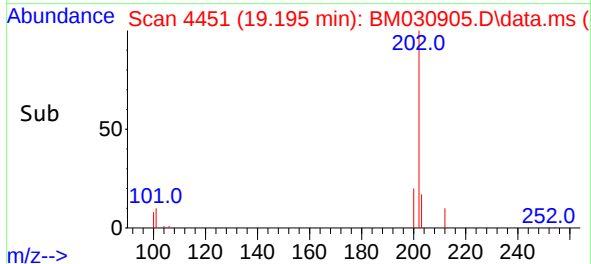
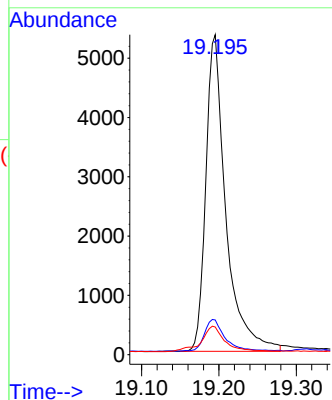
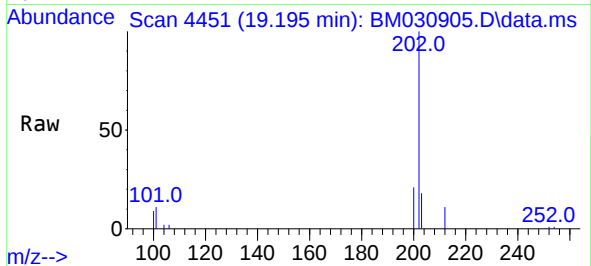




#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.195 min Scan# 4451
Delta R.T. -0.004 min
Lab File: BM030905.D
Acq: 09 Jul 2021 04:11

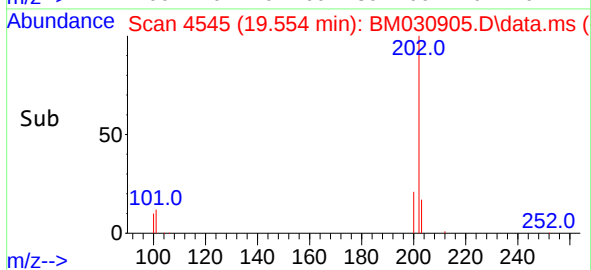
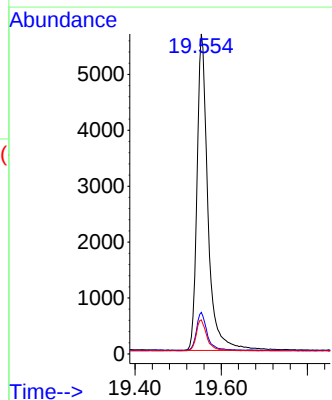
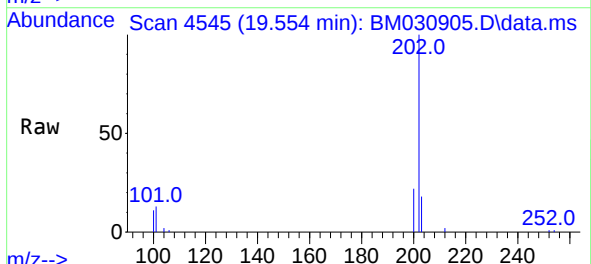
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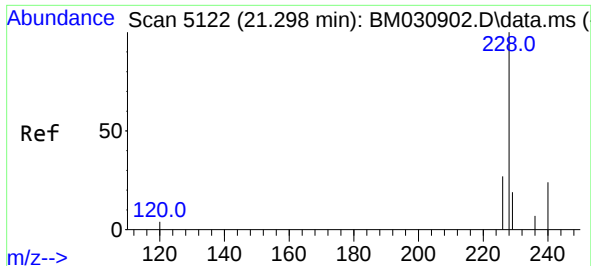
Tgt Ion:202	Resp:	9601
Ion Ratio	Lower	Upper
202	100	
101	10.8	8.8 13.2
100	8.7	6.9 10.3



#20
Pyrene
Concen: 0.433 ng/ul
RT: 19.554 min Scan# 4545
Delta R.T. -0.004 min
Lab File: BM030905.D
Acq: 09 Jul 2021 04:11

Tgt Ion:202	Resp:	9996
Ion Ratio	Lower	Upper
202	100	
101	13.0	10.1 15.1
100	10.7	8.2 12.2

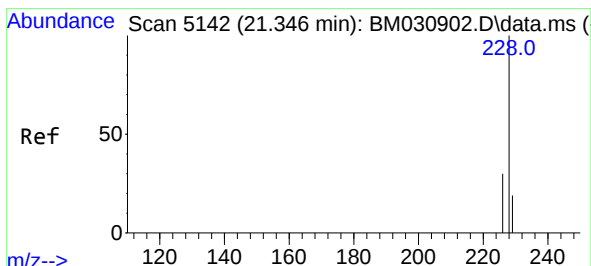
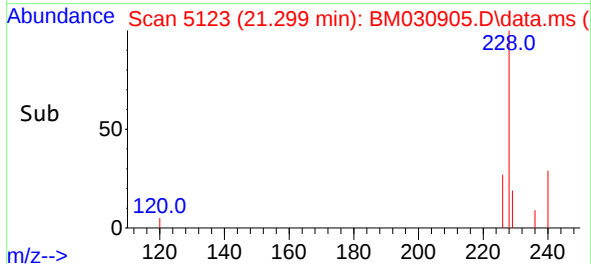
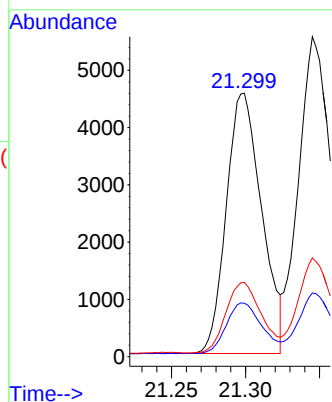
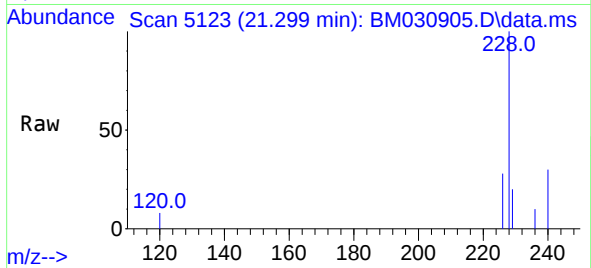




#21
Benzo(a)anthracene
Concen: 0.364 ng/ul
RT: 21.299 min Scan# 5123
Delta R.T. -0.005 min
Lab File: BM030905.D
Acq: 09 Jul 2021 04:11

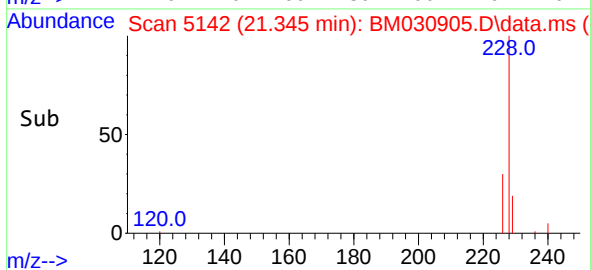
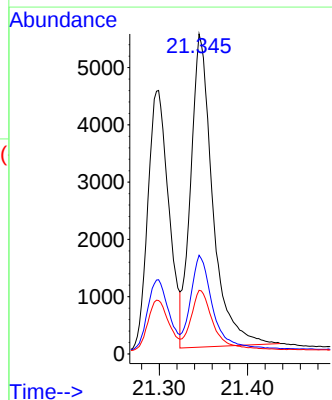
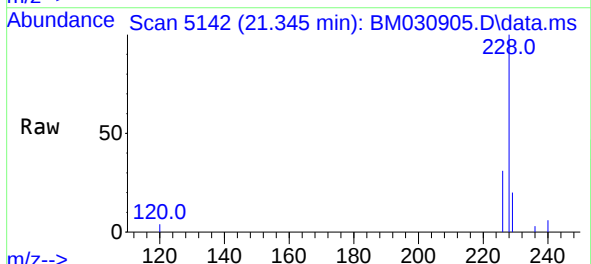
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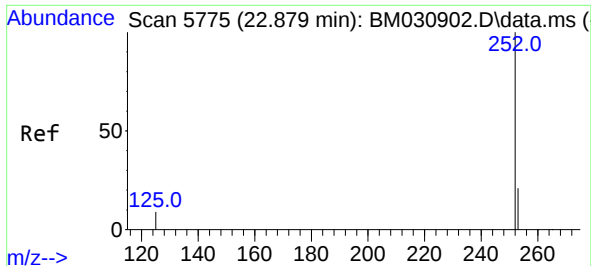
Tgt Ion:228	Resp:	7555
Ion Ratio	Lower	Upper
228	100	
229	20.3	15.8 23.6
226	28.1	22.2 33.4



#22
Chrysene
Concen: 0.408 ng/ul
RT: 21.345 min Scan# 5142
Delta R.T. -0.007 min
Lab File: BM030905.D
Acq: 09 Jul 2021 04:11

Tgt Ion:228	Resp:	9467
Ion Ratio	Lower	Upper
228	100	
226	30.9	24.4 36.6
229	19.9	15.4 23.0

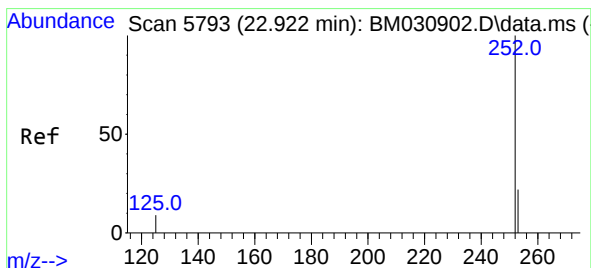
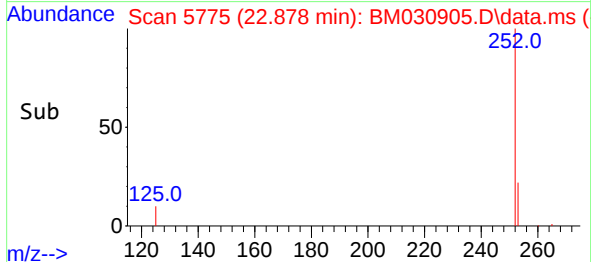
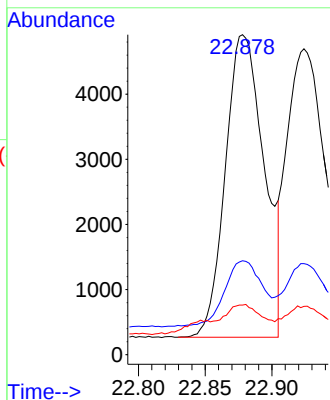
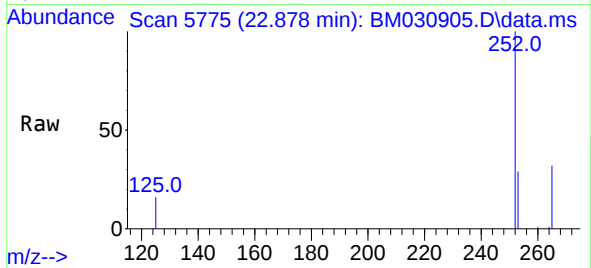




#24
Benzo(b)fluoranthene
Concen: 0.426 ng/ul
RT: 22.878 min Scan# 5775
Delta R.T. -0.007 min
Lab File: BM030905.D
Acq: 09 Jul 2021 04:11

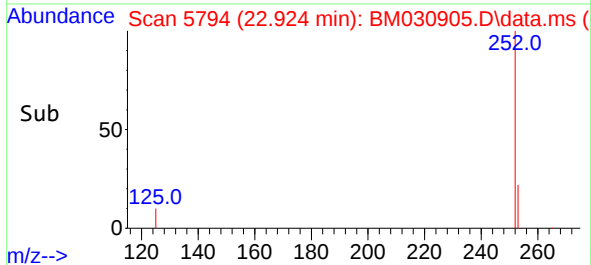
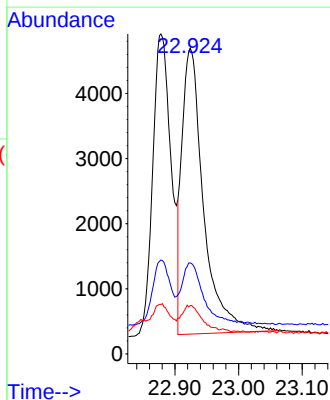
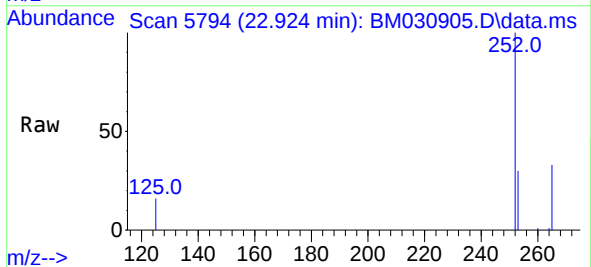
Instrument :
BNA_M
ClientSampleId :
SLCS515

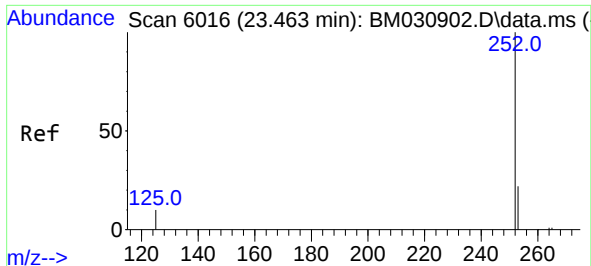
Tgt Ion:252	Resp:	9410
Ion Ratio	Lower	Upper
252	100	
253	29.3	0.0 50.2
125	15.5	0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.456 ng/ul
RT: 22.924 min Scan# 5794
Delta R.T. -0.007 min
Lab File: BM030905.D
Acq: 09 Jul 2021 04:11

Tgt Ion:252	Resp:	10367
Ion Ratio	Lower	Upper
252	100	
253	29.8	20.6 31.0
125	15.8	11.0 16.4

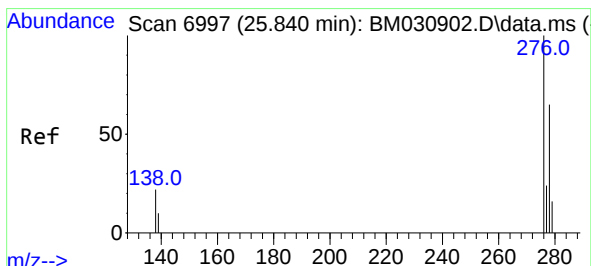
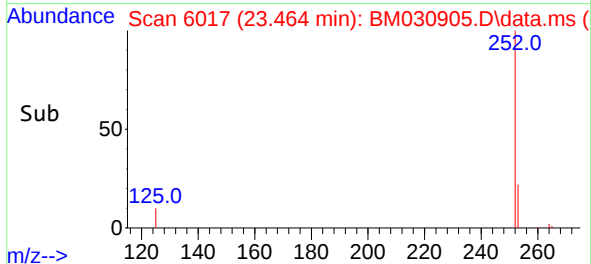
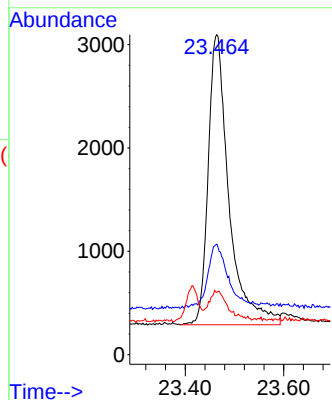
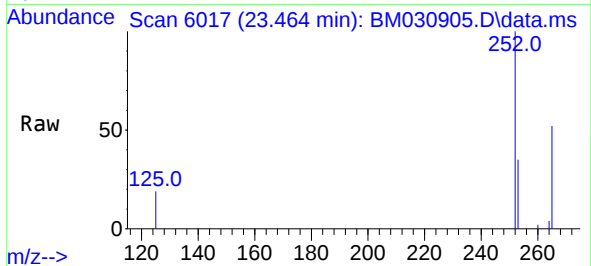




#26
Benzo(a)pyrene
Concen: 0.437 ng/ul
RT: 23.464 min Scan# 6017
Delta R.T. -0.005 min
Lab File: BM030905.D
Acq: 09 Jul 2021 04:11

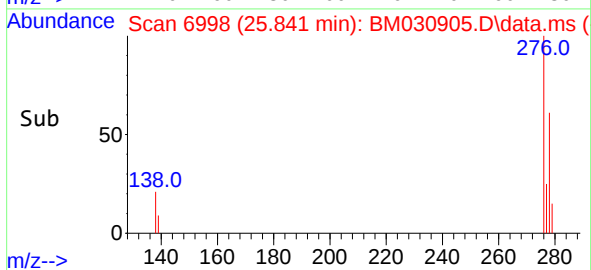
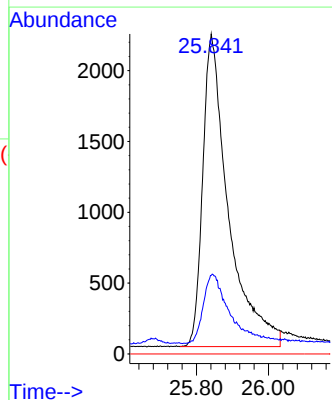
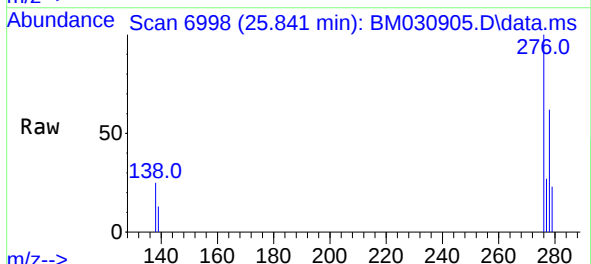
Instrument :
BNA_M
ClientSampled :
SLCS515

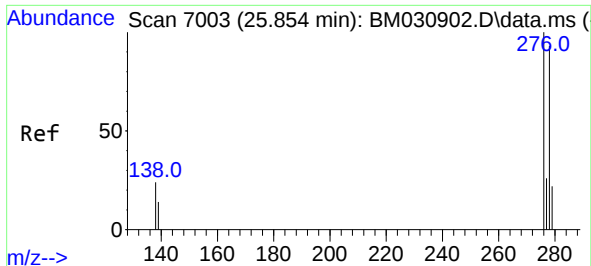
Tgt Ion:252 Resp: 8211
Ion Ratio Lower Upper
252 100
253 34.5 22.0 33.0#
125 19.4 13.4 20.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.447 ng/ul
RT: 25.841 min Scan# 6998
Delta R.T. -0.012 min
Lab File: BM030905.D
Acq: 09 Jul 2021 04:11

Tgt Ion:276 Resp: 10922
Ion Ratio Lower Upper
276 100
138 23.4 19.1 28.7
227 0.0 0.0 0.0

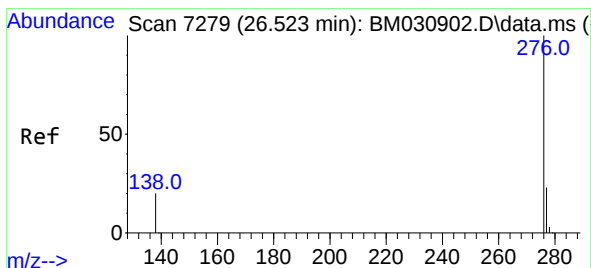
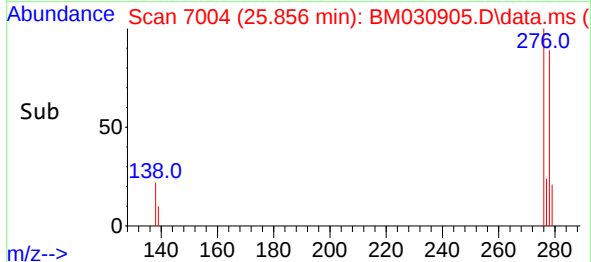
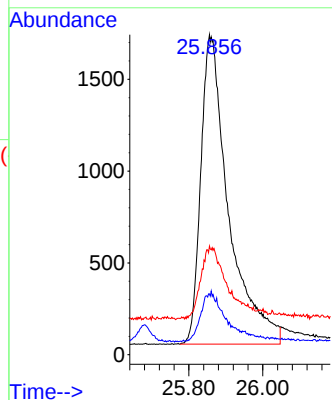
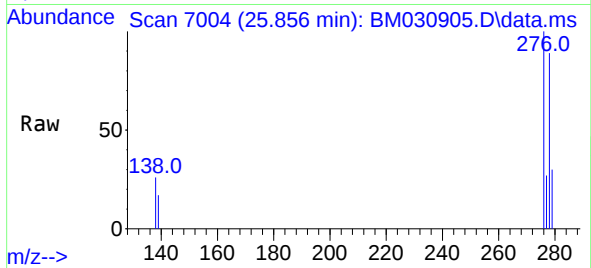




#28
Dibenzo(a,h)anthracene
Concen: 0.449 ng/ul
RT: 25.856 min Scan# 7004
Delta R.T. -0.012 min
Lab File: BM030905.D
Acq: 09 Jul 2021 04:11

Instrument :
BNA_M
ClientSampleId :
SLCS515

Tgt Ion:278 Resp: 8802
Ion Ratio Lower Upper
278 100
139 19.0 14.2 21.4
279 34.0 21.6 32.4#



#29
Benzo(g,h,i)perylene
Concen: 0.458 ng/ul
RT: 26.527 min Scan# 7281
Delta R.T. -0.012 min
Lab File: BM030905.D
Acq: 09 Jul 2021 04:11

Tgt Ion:276 Resp: 9735
Ion Ratio Lower Upper
276 100
138 22.2 18.0 27.0
277 26.8 19.5 29.3

