

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031307.D
 Acq On : 31 Jul 2021 12:02
 Operator : CG/JU
 Sample : PB137950BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS950

Quant Time: Aug 02 01:07:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 30 14:16:52 2021
 Response via : Initial Calibration

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

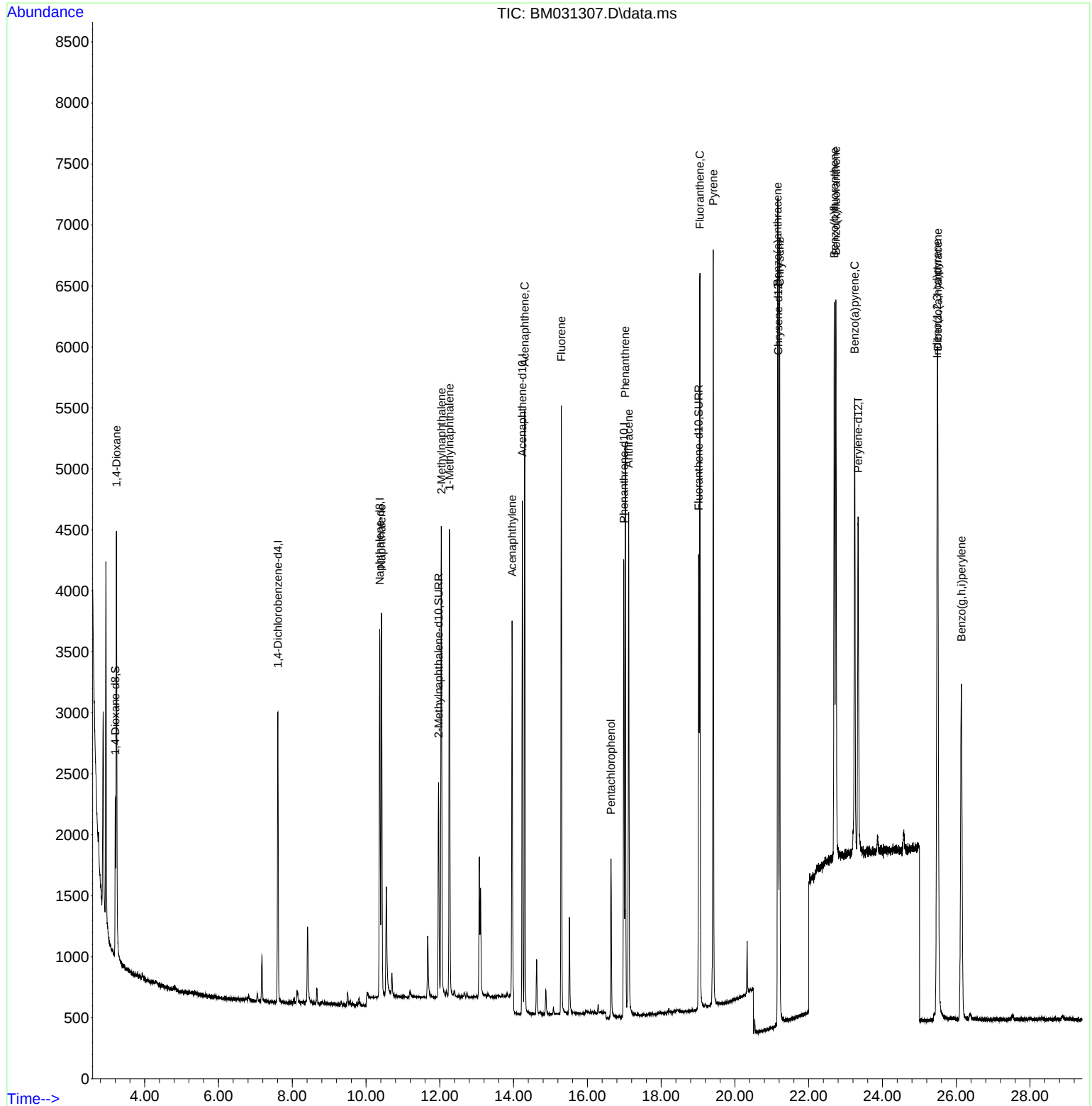
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1189	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	4235	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.239	164	2354	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.989	188	4589	0.400	ng/ul	0.00
17) Chrysene-d12	21.176	240	3541	0.400	ng/ul	0.00
23) Perylene-d12	23.341	264	3514	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	814	0.616	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	2393	0.335	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	4453	0.377	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	2183	1.636	ng/ul#	85
5) Naphthalene	10.419	128	4295	0.340	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	2869	0.333	ng/ul	98
8) 1-Methylnaphthalene	12.263	142	2672	0.314	ng/ul	99
10) Acenaphthylene	13.959	152	3526	0.352	ng/ul	99
11) Acenaphthene	14.299	153	2915	0.345	ng/ul	99
12) Fluorene	15.293	166	3196	0.329	ng/ul	99
14) Pentachlorophenol	16.642	266	946	0.644	ng/ul	96
15) Phenanthrene	17.027	178	4961	0.340	ng/ul	98
16) Anthracene	17.120	178	4660	0.342	ng/ul	98
19) Fluoranthene	19.050	202	5466	0.362	ng/ul	97
20) Pyrene	19.413	202	5559	0.362	ng/ul	98
21) Benzo(a)anthracene	21.161	228	5227	0.366	ng/ul	99
22) Chrysene	21.212	228	5499	0.372	ng/ul	99
24) Benzo(b)fluoranthene	22.694	252	5569	0.352	ng/ul	95
25) Benzo(k)fluoranthene	22.737	252	5780	0.353	ng/ul#	95
26) Benzo(a)pyrene	23.246	252	5044	0.364	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.485	276	6609	0.369	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.499	278	5316	0.368	ng/ul	98
29) Benzo(g,h,i)perylene	26.139	276	5671	0.371	ng/ul	96

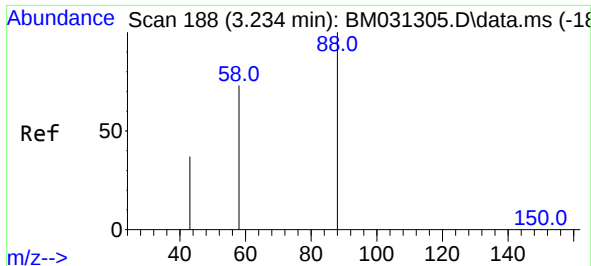
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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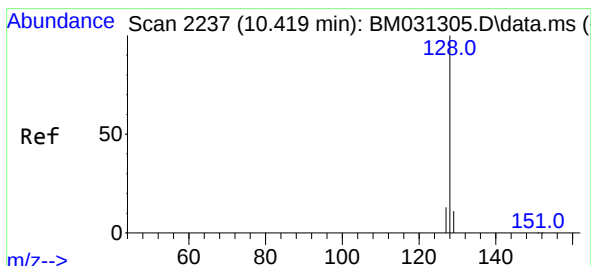
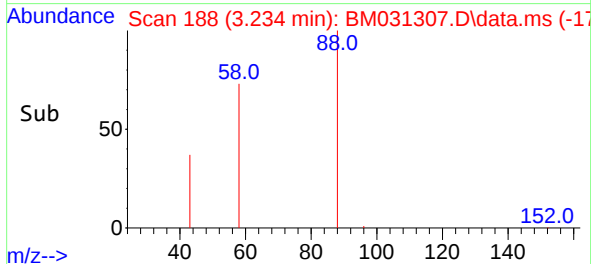
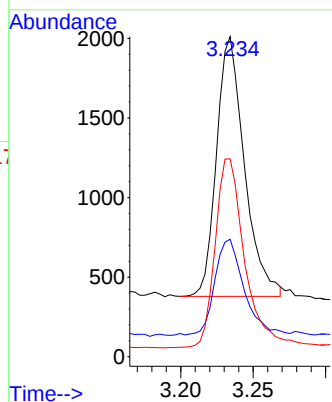
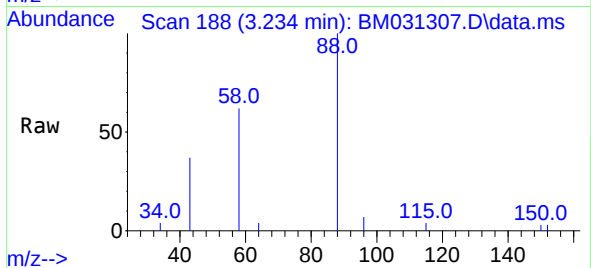




#2
1,4-Dioxane
Concen: 1.636 ng/ul
RT: 3.234 min Scan# 188
Delta R.T. 0.000 min
Lab File: BM031307.D
Acq: 31 Jul 2021 12:02

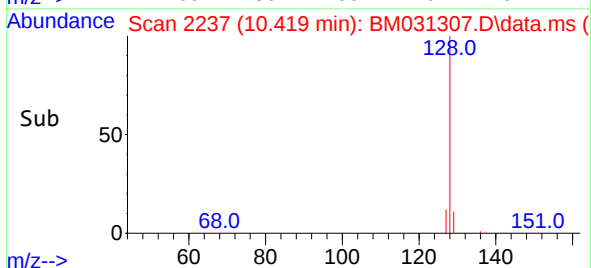
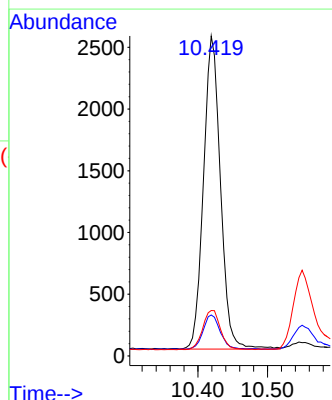
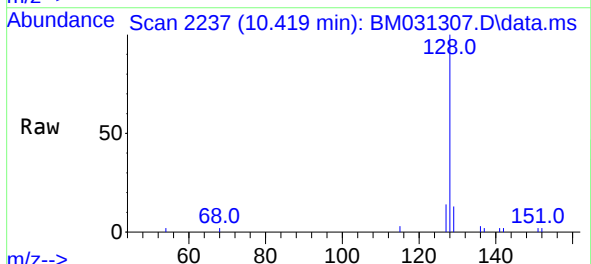
Instrument :
BNA_M
ClientSampled :
SLCS950

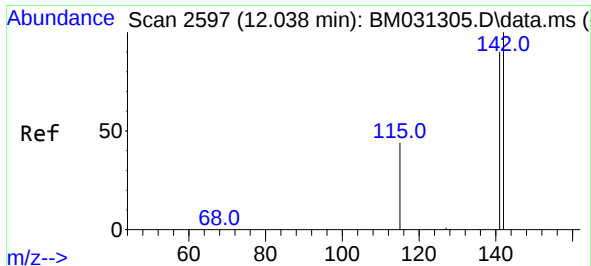
Tgt Ion: 88 Resp: 2183
Ion Ratio Lower Upper
88 100
43 36.7 29.7 44.5
58 61.8 35.6 53.4#



#5
Naphthalene
Concen: 0.340 ng/ul
RT: 10.419 min Scan# 2237
Delta R.T. -0.003 min
Lab File: BM031307.D
Acq: 31 Jul 2021 12:02

Tgt Ion: 128 Resp: 4295
Ion Ratio Lower Upper
128 100
129 12.8 10.0 15.0
127 14.2 11.6 17.4

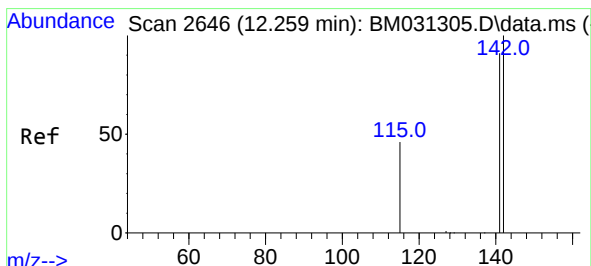
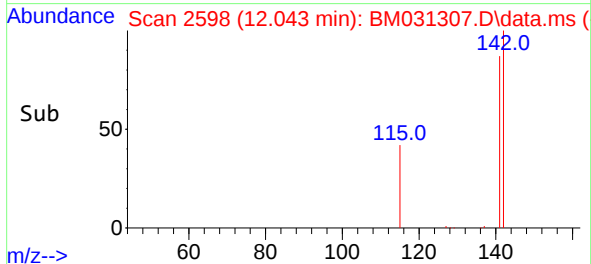
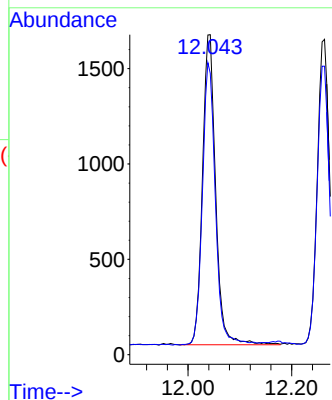
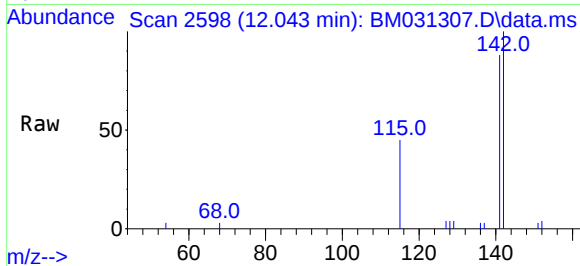




#7
2-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.043 min Scan# 2598
Delta R.T. 0.001 min
Lab File: BM031307.D
Acq: 31 Jul 2021 12:02

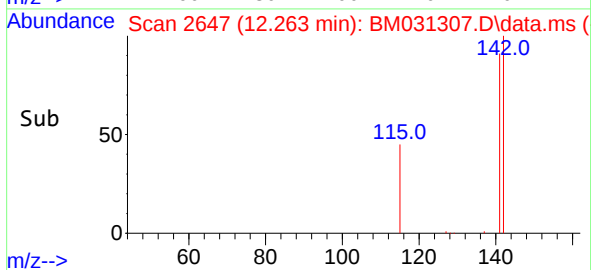
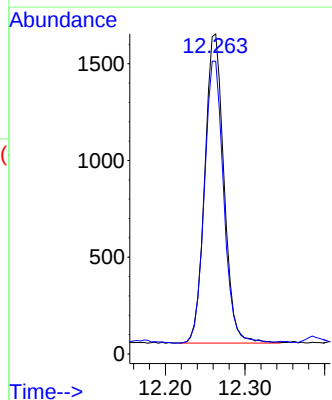
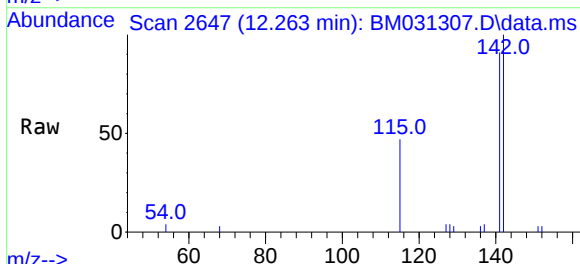
Instrument :
BNA_M
ClientSampled :
SLCS950

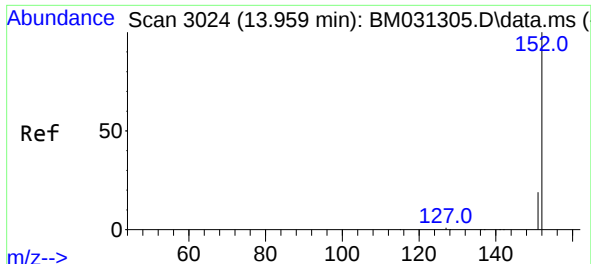
Tgt Ion:142 Resp: 2869
Ion Ratio Lower Upper
142 100
141 90.7 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.263 min Scan# 2647
Delta R.T. -0.003 min
Lab File: BM031307.D
Acq: 31 Jul 2021 12:02

Tgt Ion:142 Resp: 2672
Ion Ratio Lower Upper
142 100
141 92.0 74.1 111.1



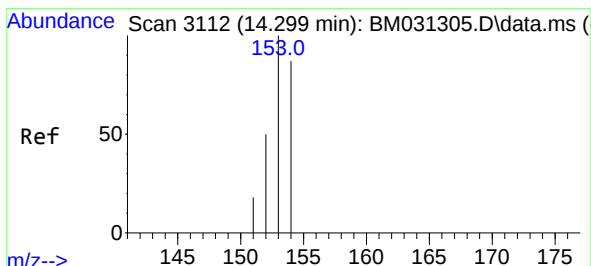
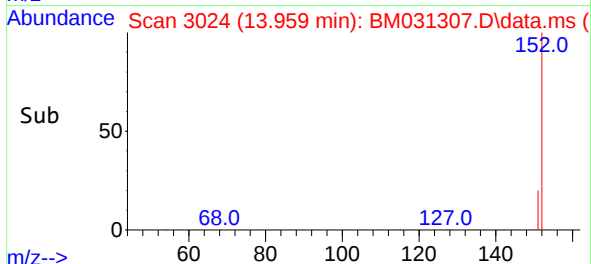
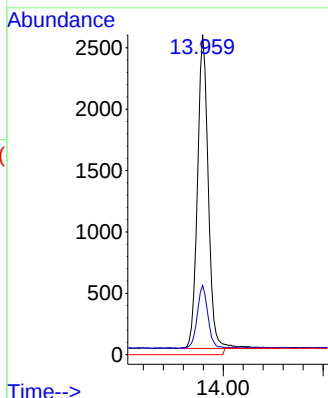
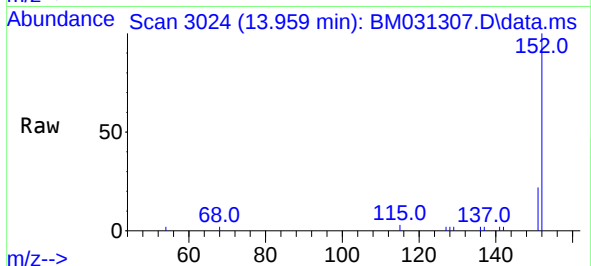


#10
Acenaphthylene
Concen: 0.352 ng/ul
RT: 13.959 min Scan# 3024
Delta R.T. -0.003 min
Lab File: BM031307.D
Acq: 31 Jul 2021 12:02

Instrument :
BNA_M
ClientSampleId :
SLCS950

Tgt Ion:152 Resp: 3526

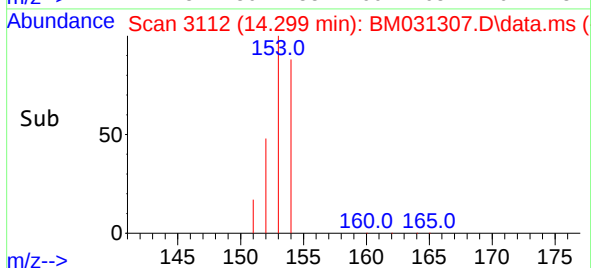
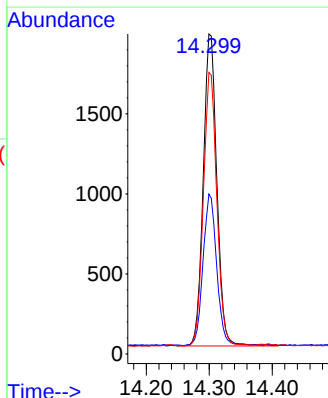
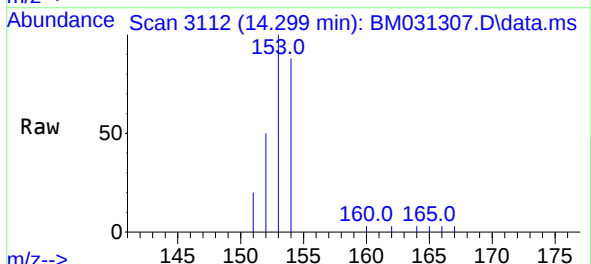
Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.9	25.3
153	0.0	0.0	0.0

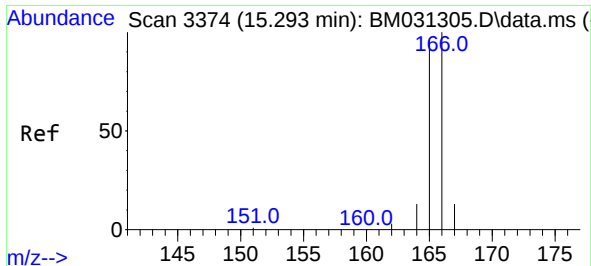


#11
Acenaphthene
Concen: 0.345 ng/ul
RT: 14.299 min Scan# 3112
Delta R.T. -0.003 min
Lab File: BM031307.D
Acq: 31 Jul 2021 12:02

Tgt Ion:153 Resp: 2915

Ion	Ratio	Lower	Upper
153	100		
152	50.0	40.7	61.1
154	87.9	70.2	105.2

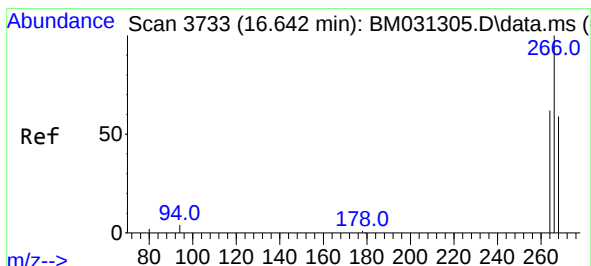
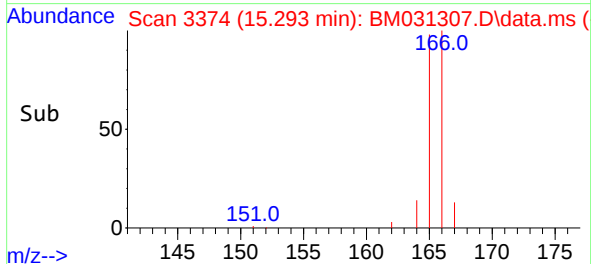
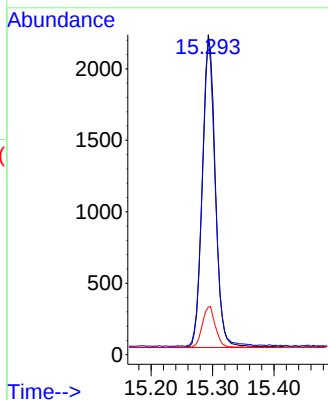
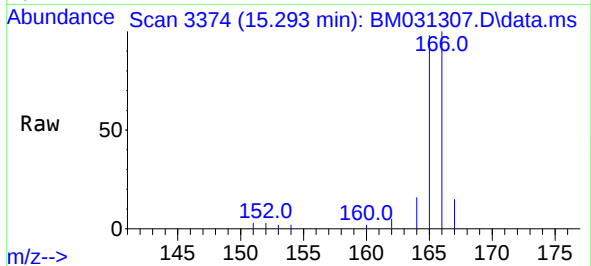




#12
Fluorene
Concen: 0.329 ng/ul
RT: 15.293 min Scan# 3374
Delta R.T. -0.003 min
Lab File: BM031307.D
Acq: 31 Jul 2021 12:02

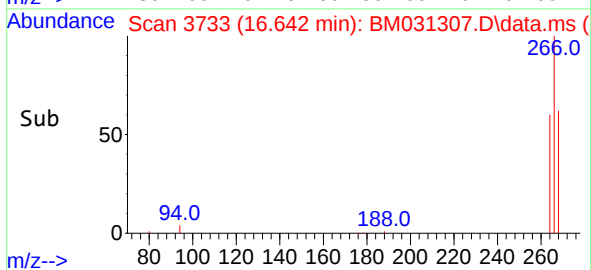
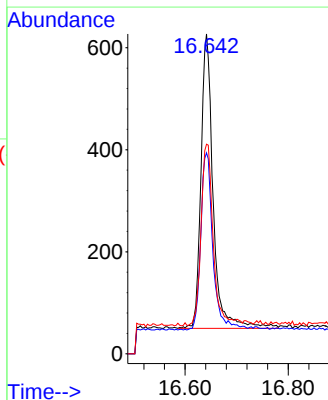
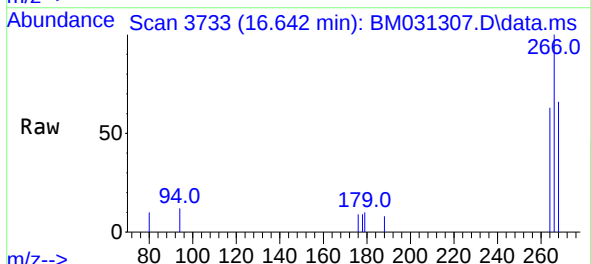
Instrument :
BNA_M
ClientSampleId :
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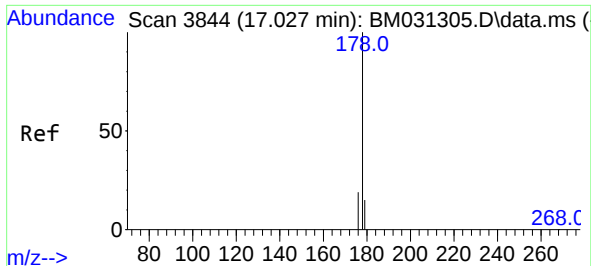
Tgt Ion:166 Resp: 3196
Ion Ratio Lower Upper
166 100
165 98.3 78.0 117.0
167 14.9 12.0 18.0



#14
Pentachlorophenol
Concen: 0.644 ng/ul
RT: 16.642 min Scan# 3733
Delta R.T. -0.003 min
Lab File: BM031307.D
Acq: 31 Jul 2021 12:02

Tgt Ion:266 Resp: 946
Ion Ratio Lower Upper
266 100
264 59.8 50.1 75.1
268 61.3 51.3 76.9

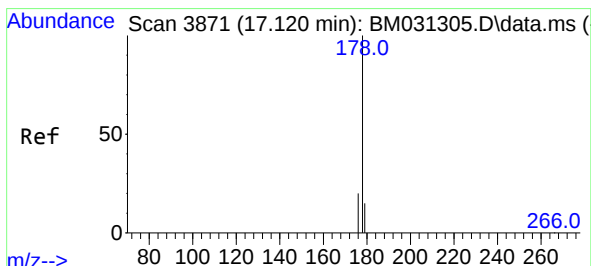
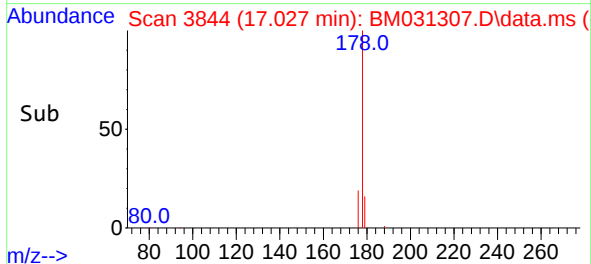
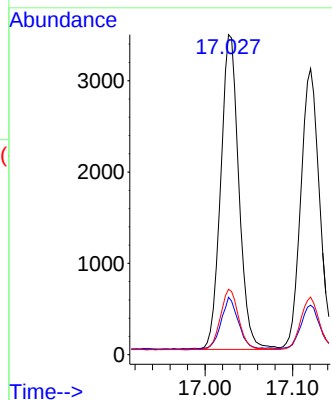
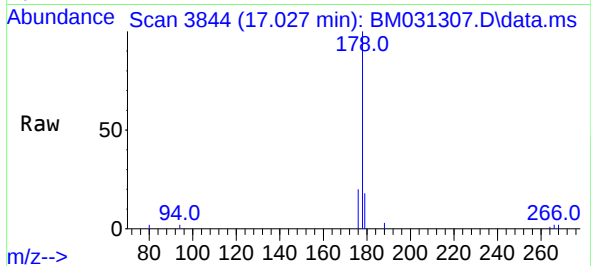




#15
Phenanthrene
Concen: 0.340 ng/ul
RT: 17.027 min Scan# 3844
Delta R.T. -0.003 min
Lab File: BM031307.D
Acq: 31 Jul 2021 12:02

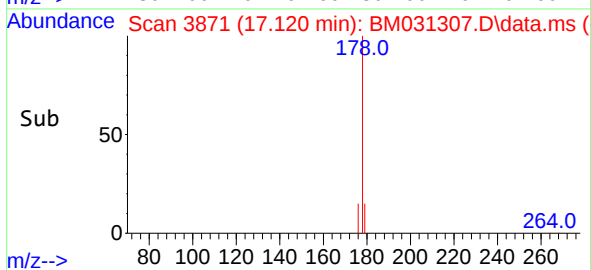
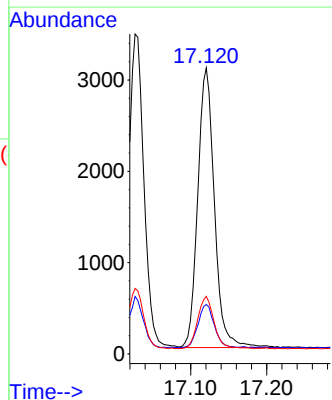
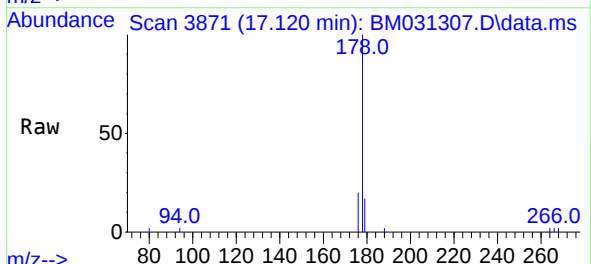
Instrument :
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ClientSampled :
SLCS950

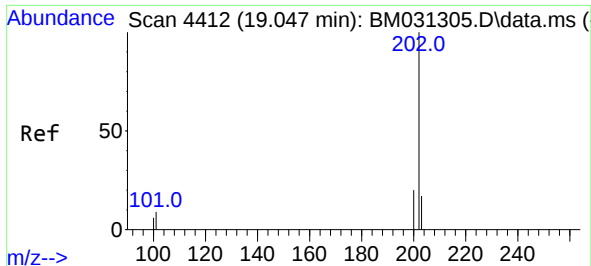
Tgt Ion:	178	Resp:	4961
Ion	Ratio	Lower	Upper
178	100		
179	18.0	13.3	19.9
176	20.5	16.2	24.4



#16
Anthracene
Concen: 0.342 ng/ul
RT: 17.120 min Scan# 3871
Delta R.T. 0.000 min
Lab File: BM031307.D
Acq: 31 Jul 2021 12:02

Tgt Ion:	178	Resp:	4660
Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.0	19.6
176	20.1	15.6	23.4

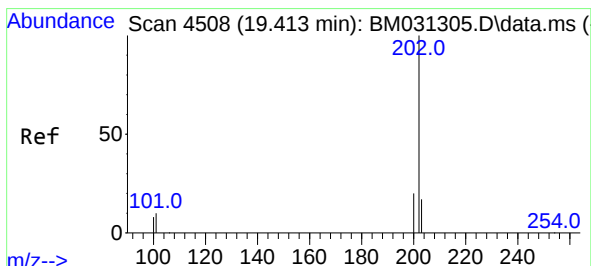
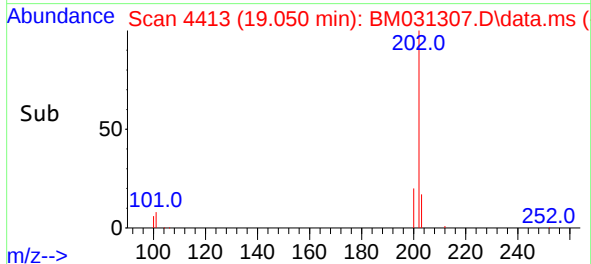
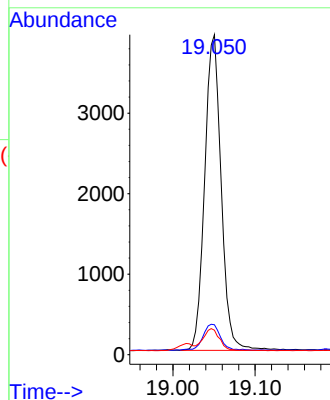
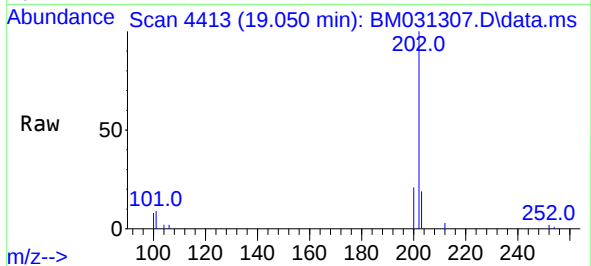




#19
Fluoranthene
Concen: 0.362 ng/ul
RT: 19.050 min Scan# 4413
Delta R.T. 0.000 min
Lab File: BM031307.D
Acq: 31 Jul 2021 12:02

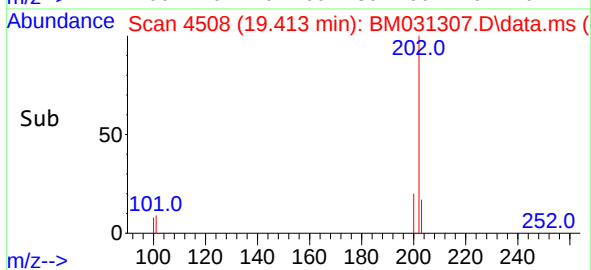
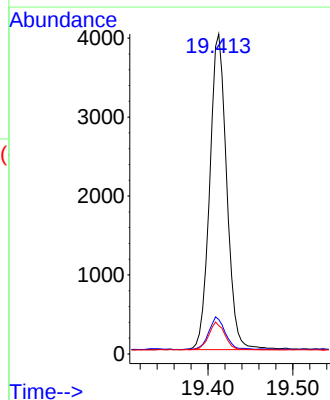
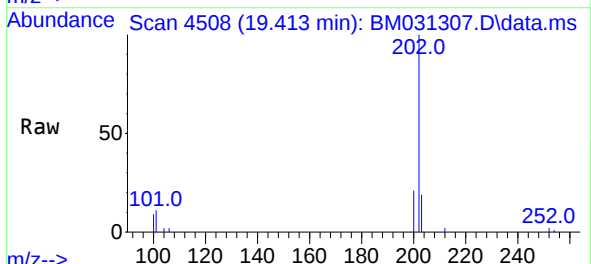
Instrument :
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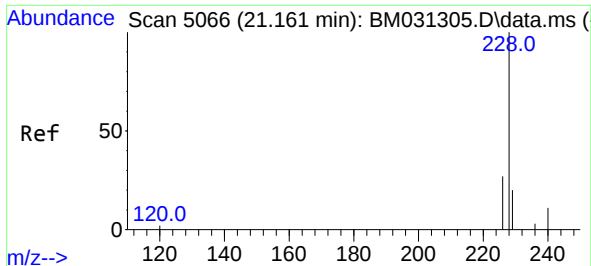
Tgt Ion:	202	Resp:	5466
Ion Ratio	Lower	Upper	
202	100		
101	9.4	6.6	10.0
100	7.7	5.4	8.0



#20
Pyrene
Concen: 0.362 ng/ul
RT: 19.413 min Scan# 4508
Delta R.T. 0.000 min
Lab File: BM031307.D
Acq: 31 Jul 2021 12:02

Tgt Ion:	202	Resp:	5559
Ion Ratio	Lower	Upper	
202	100		
101	10.8	7.8	11.6
100	8.8	6.6	10.0



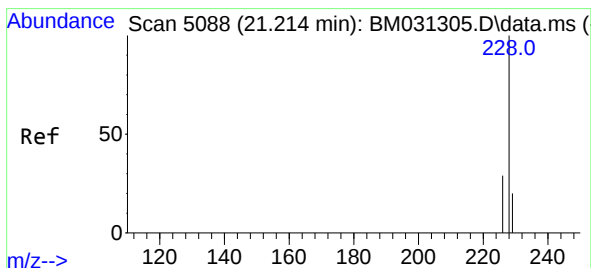
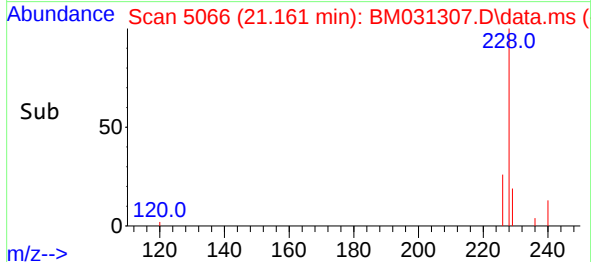
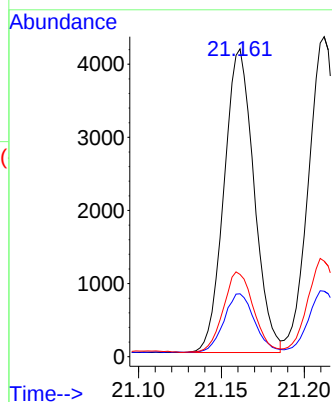
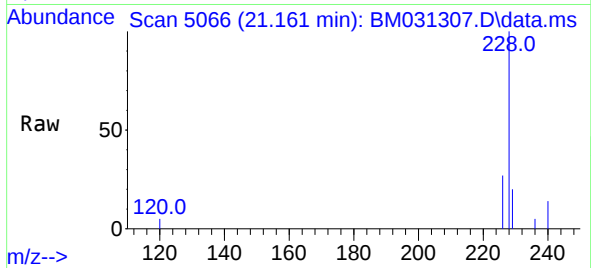


#21
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.161 min Scan# 5066
Delta R.T. 0.000 min
Lab File: BM031307.D
Acq: 31 Jul 2021 12:02

Instrument :
BNA_M
ClientSampleId :
SLCS950

Tgt Ion:228 Resp: 5227

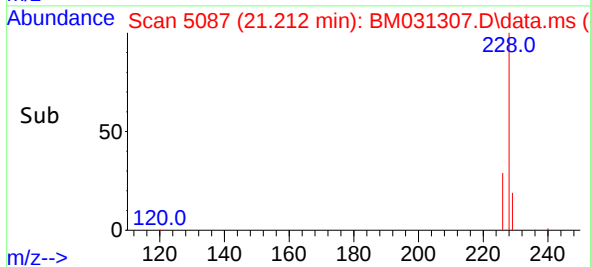
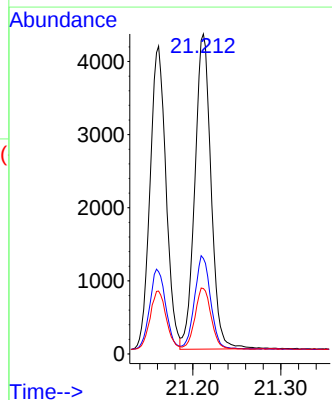
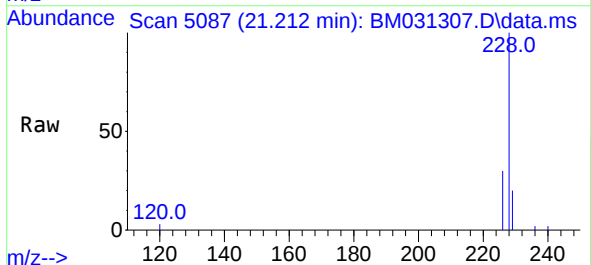
Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.6	23.4
226	26.7	21.7	32.5

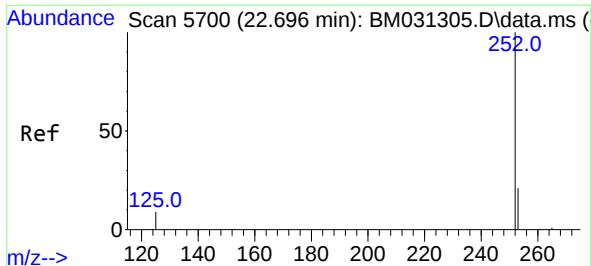


#22
Chrysene
Concen: 0.372 ng/ul
RT: 21.212 min Scan# 5087
Delta R.T. -0.002 min
Lab File: BM031307.D
Acq: 31 Jul 2021 12:02

Tgt Ion:228 Resp: 5499

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	20.5	16.2	24.2

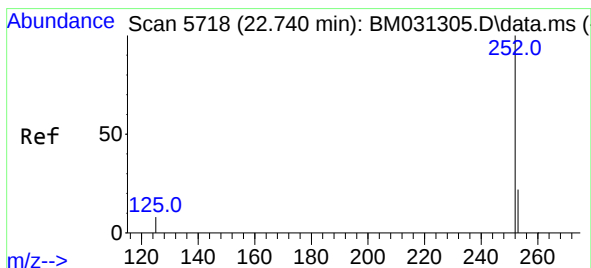
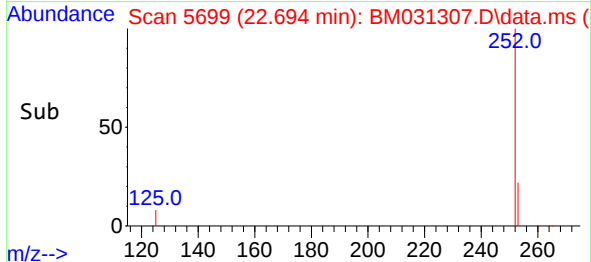
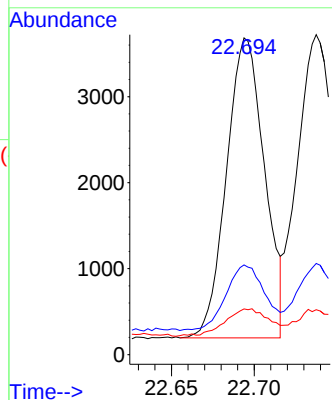
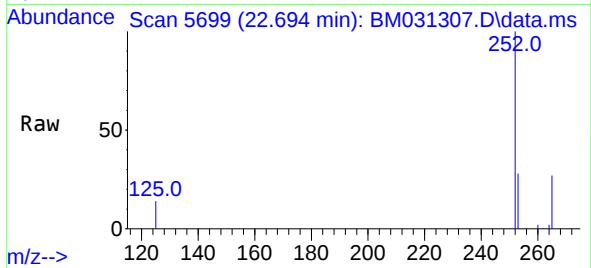




#24
Benzo(b)fluoranthene
Concen: 0.352 ng/ul
RT: 22.694 min Scan# 5699
Delta R.T. -0.004 min
Lab File: BM031307.D
Acq: 31 Jul 2021 12:02

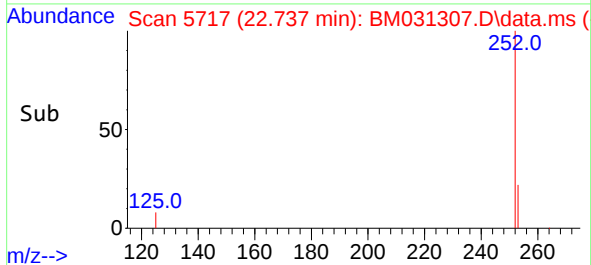
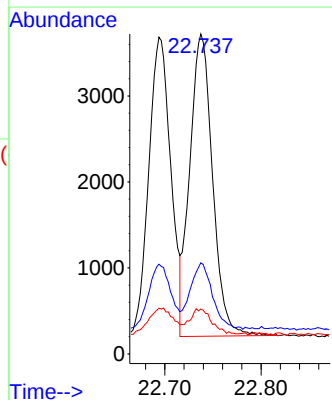
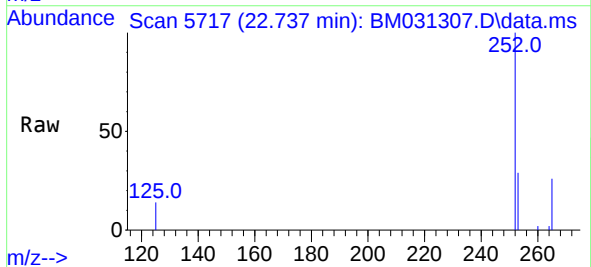
Instrument :
BNA_M
ClientSampleId :
SLCS950

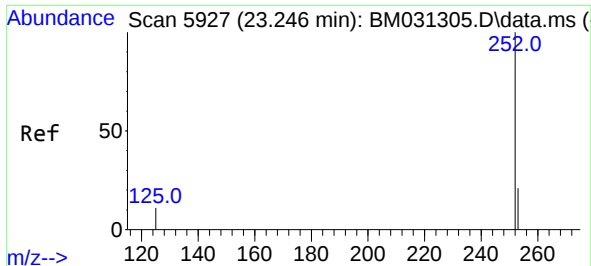
Tgt Ion:252	Resp:	5569
Ion Ratio	Lower	Upper
252	100	
253	28.3	0.0 53.0
125	14.4	0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.353 ng/ul
RT: 22.737 min Scan# 5717
Delta R.T. -0.002 min
Lab File: BM031307.D
Acq: 31 Jul 2021 12:02

Tgt Ion:252	Resp:	5780
Ion Ratio	Lower	Upper
252	100	
253	28.5	21.3 31.9
125	14.1	8.8 13.2#



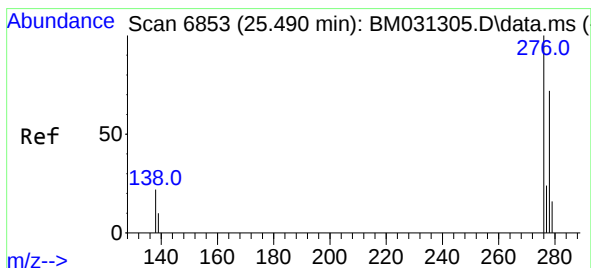
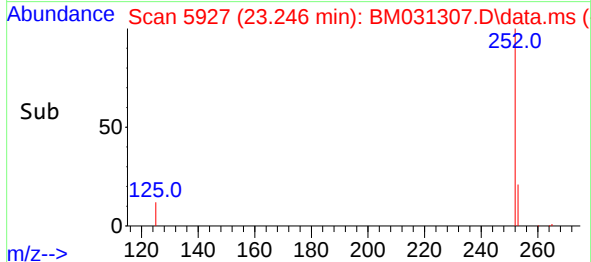
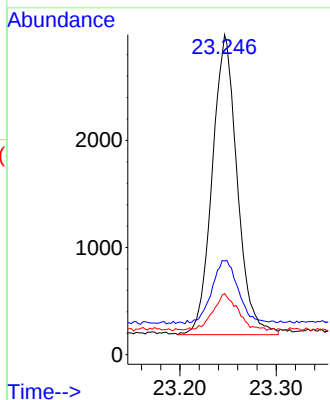
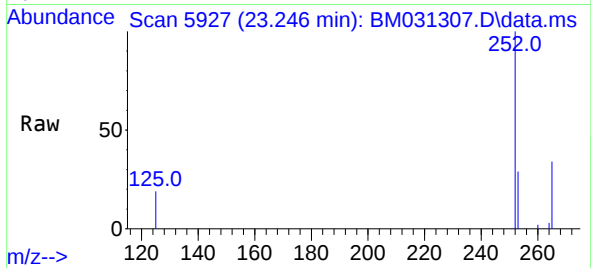


#26
Benzo(a)pyrene
Concen: 0.364 ng/ul
RT: 23.246 min Scan# 5927
Delta R.T. -0.002 min
Lab File: BM031307.D
Acq: 31 Jul 2021 12:02

Instrument :
BNA_M
ClientSampleId :
SLCS950

Tgt Ion:252 Resp: 5044

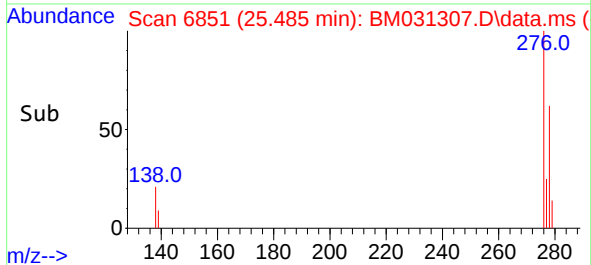
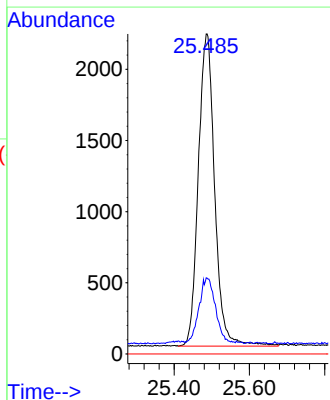
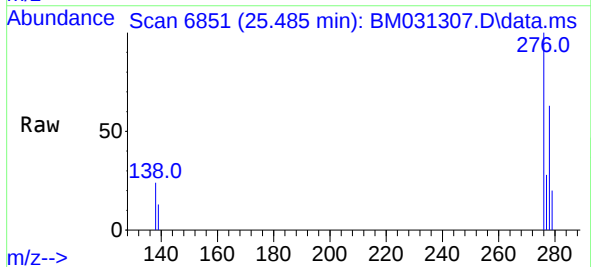
Ion	Ratio	Lower	Upper
252	100		
253	29.3	22.4	33.6
125	19.1	13.0	19.4

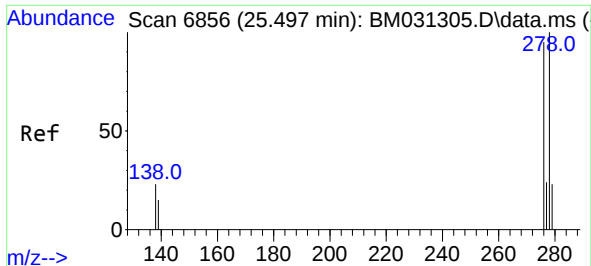


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng/ul
RT: 25.485 min Scan# 6851
Delta R.T. -0.004 min
Lab File: BM031307.D
Acq: 31 Jul 2021 12:02

Tgt Ion:276 Resp: 6609

Ion	Ratio	Lower	Upper
276	100		
138	20.7	15.8	23.8
227	0.0	0.0	0.0

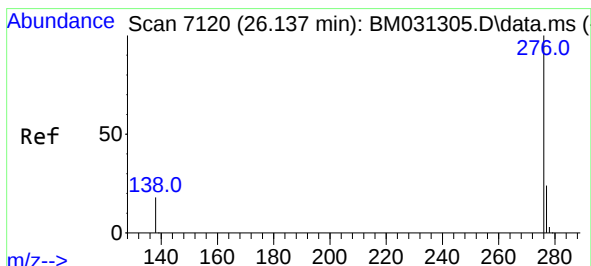
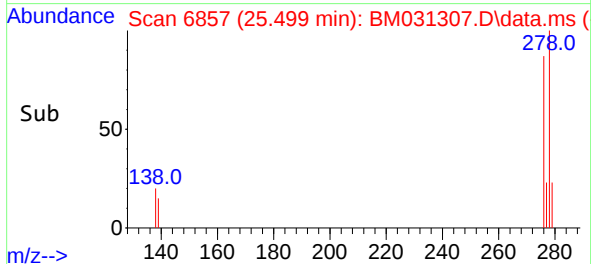
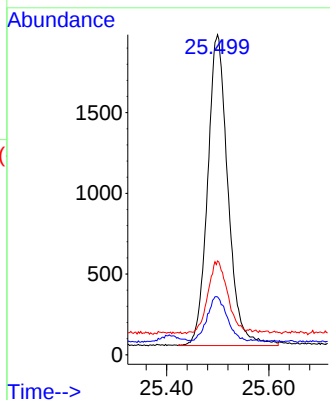
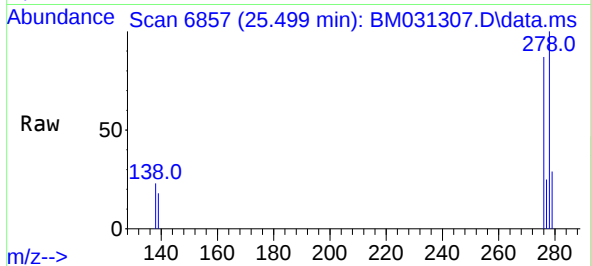




#28
Dibenzo(a,h)anthracene
Concen: 0.368 ng/ul
RT: 25.499 min Scan# 6857
Delta R.T. -0.004 min
Lab File: BM031307.D
Acq: 31 Jul 2021 12:02

Instrument :
BNA_M
ClientSampleId :
SLCS950

Tgt Ion:278 Resp: 5316
Ion Ratio Lower Upper
278 100
139 18.1 13.3 19.9
279 29.3 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.371 ng/ul
RT: 26.139 min Scan# 7121
Delta R.T. -0.004 min
Lab File: BM031307.D
Acq: 31 Jul 2021 12:02

Tgt Ion:276 Resp: 5671
Ion Ratio Lower Upper
276 100
138 20.8 15.4 23.2
277 27.1 19.9 29.9

