

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031293.D
 Acq On : 31 Jul 2021 02:52
 Operator : CG/JU
 Sample : PB137904BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS904

Quant Time: Jul 31 05:59:48 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 : Sat Jul 31 05:54:32 2021
 Response via : Initial Calibration

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

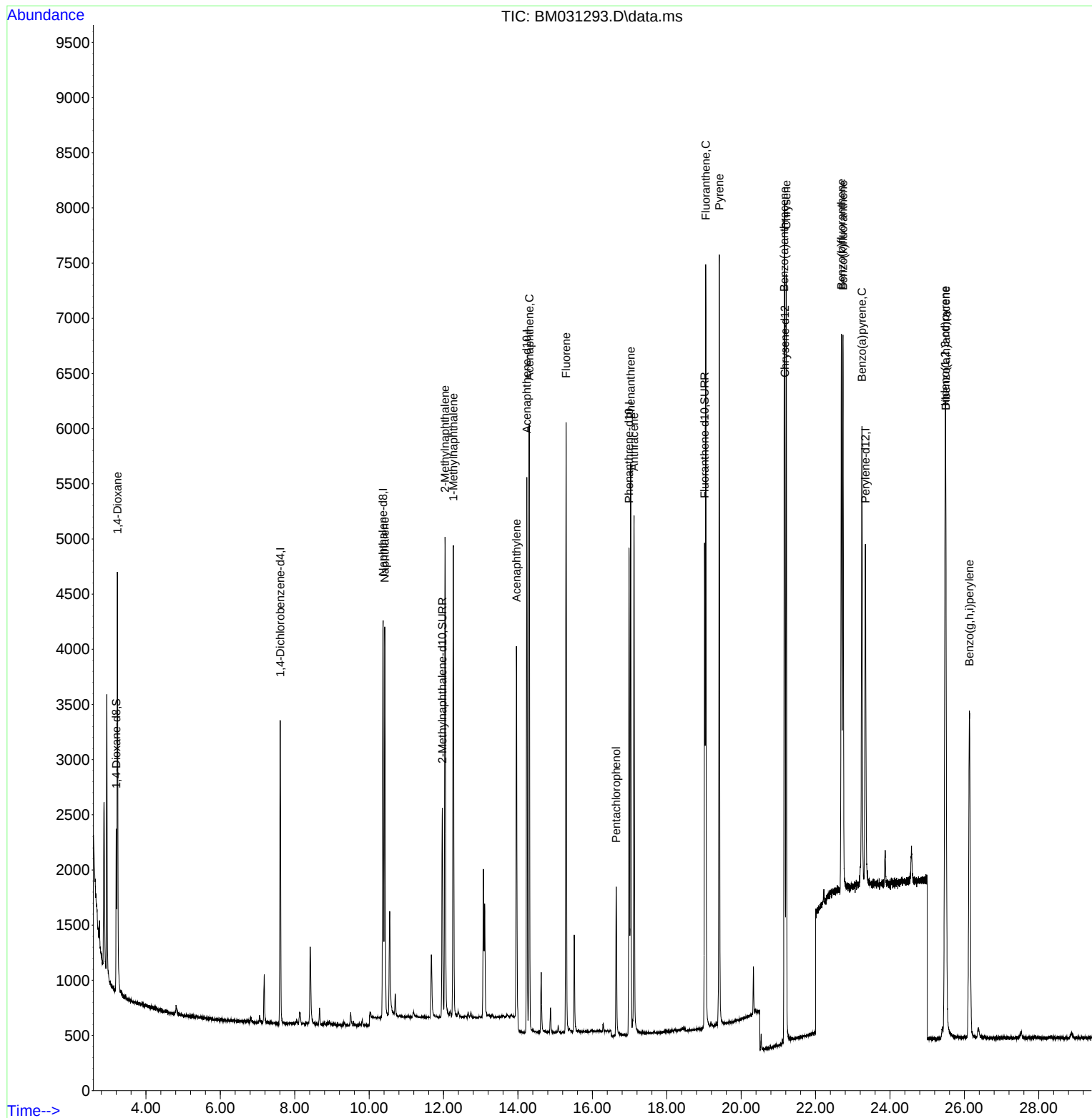
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1362	0.400	ng/ul	0.00
4) Naphthalene-d8	10.374	136	4968	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.239	164	2827	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	5439	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.176	240	4115	0.400	ng/ul	0.00
23) Perylene-d12	23.341	264	4051	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	894	0.591	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.967	152	2643	0.316	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	4914	0.358	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	2392	1.565	ng/ul#	84
5) Naphthalene	10.419	128	4861	0.328	ng/ul	99
7) 2-Methylnaphthalene	12.039	142	3259	0.322	ng/ul	99
8) 1-Methylnaphthalene	12.263	142	2994	0.300	ng/ul	100
10) Acenaphthylene	13.959	152	4064	0.338	ng/ul	100
11) Acenaphthene	14.303	153	3252	0.321	ng/ul	98
12) Fluorene	15.293	166	3639	0.312	ng/ul	98
14) Pentachlorophenol	16.642	266	993	0.570	ng/ul	100
15) Phenanthrene	17.030	178	5548	0.321	ng/ul	99
16) Anthracene	17.121	178	5141	0.318	ng/ul	100
19) Fluoranthene	19.047	202	6177	0.352	ng/ul	96
20) Pyrene	19.413	202	6201	0.348	ng/ul	97
21) Benzo(a)anthracene	21.159	228	5735	0.345	ng/ul	99
22) Chrysene	21.212	228	5923	0.345	ng/ul	99
24) Benzo(b)fluoranthene	22.694	252	6113	0.335	ng/ul	95
25) Benzo(k)fluoranthene	22.738	252	6287	0.333	ng/ul	97
26) Benzo(a)pyrene	23.246	252	5367	0.336	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.483	276	7005	0.339	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.500	278	5688	0.342	ng/ul	96
29) Benzo(g,h,i)perylene	26.134	276	5931	0.336	ng/ul	96

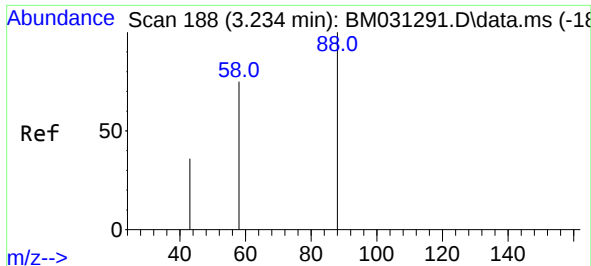
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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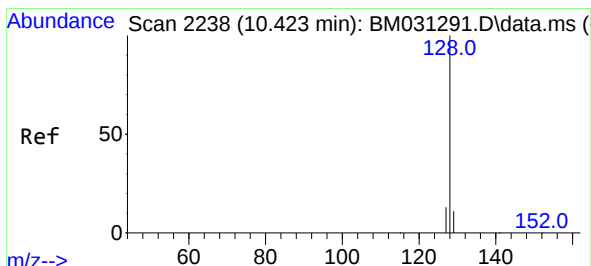
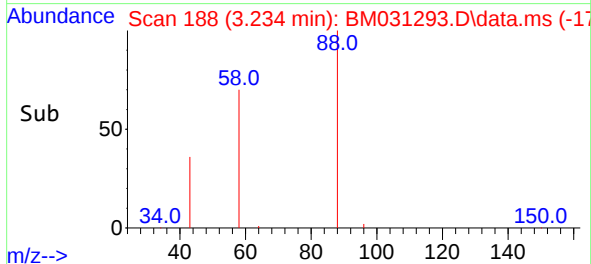
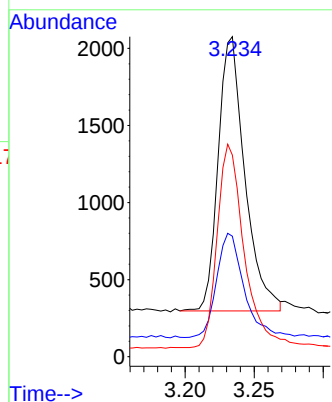
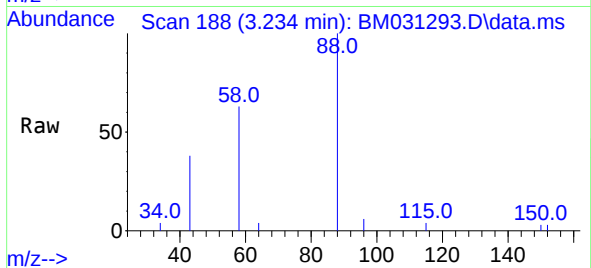




#2
1,4-Dioxane
Concen: 1.565 ng/ul
RT: 3.234 min Scan# 188
Delta R.T. 0.000 min
Lab File: BM031293.D
Acq: 31 Jul 2021 02:52

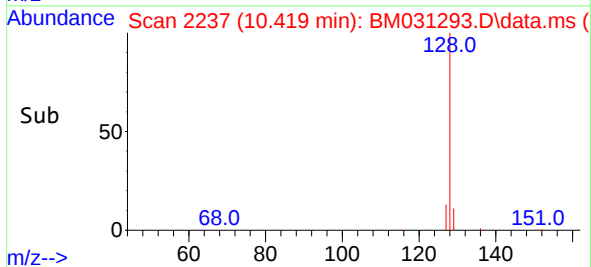
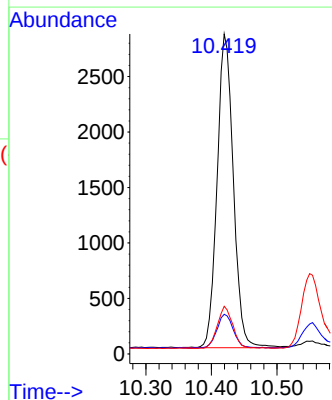
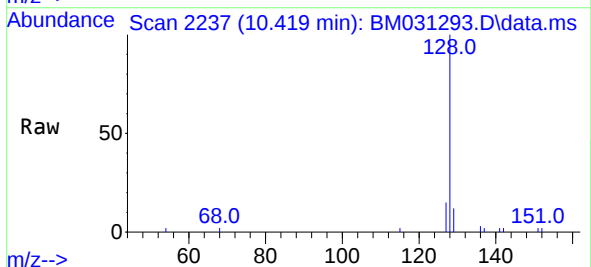
Instrument :
BNA_M
ClientSampleId :
SLCS904

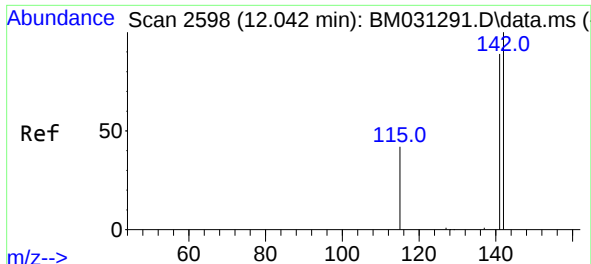
Tgt Ion:	88	Resp:	2392
Ion	Ratio	Lower	Upper
88	100		
43	37.7	29.7	44.5
58	63.0	35.6	53.4#



#5
Naphthalene
Concen: 0.328 ng/ul
RT: 10.419 min Scan# 2237
Delta R.T. -0.003 min
Lab File: BM031293.D
Acq: 31 Jul 2021 02:52

Tgt Ion:	128	Resp:	4861
Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.0	15.0
127	14.9	11.6	17.4

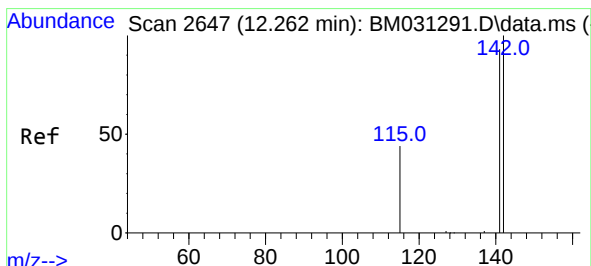
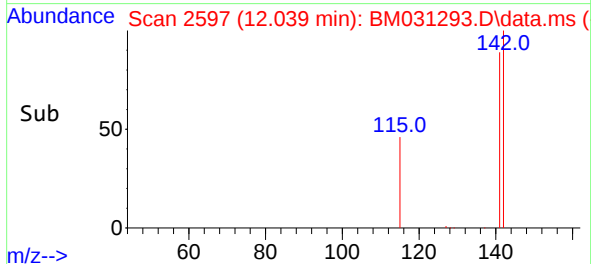
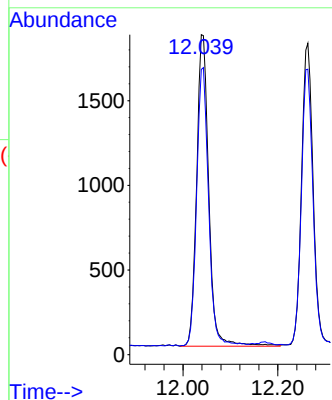
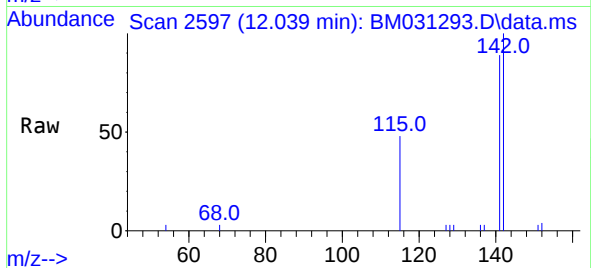




#7
2-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.039 min Scan# 2597
Delta R.T. -0.003 min
Lab File: BM031293.D
Acq: 31 Jul 2021 02:52

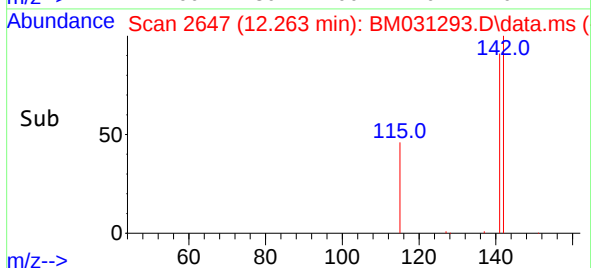
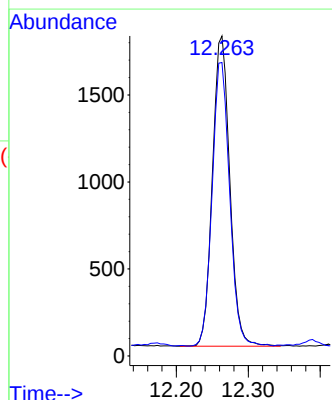
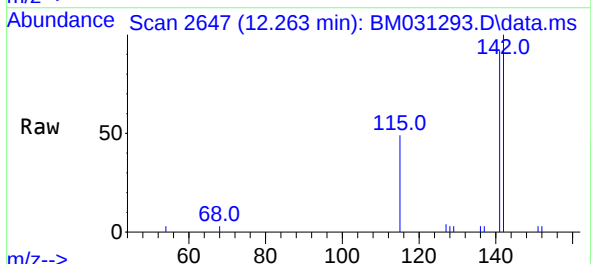
Instrument :
BNA_M
ClientSampled :
SLCS904

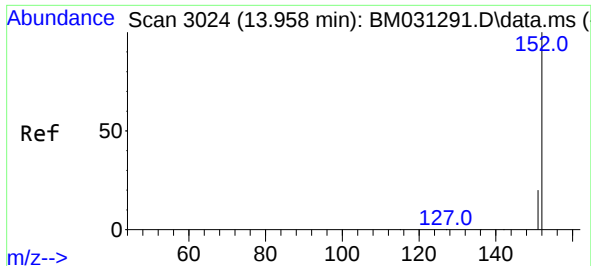
Tgt Ion:142 Resp: 3259
Ion Ratio Lower Upper
142 100
141 88.1 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 12.263 min Scan# 2647
Delta R.T. -0.003 min
Lab File: BM031293.D
Acq: 31 Jul 2021 02:52

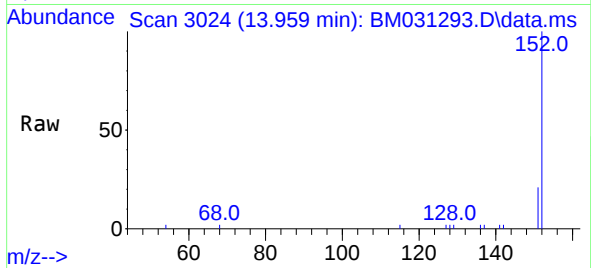
Tgt Ion:142 Resp: 2994
Ion Ratio Lower Upper
142 100
141 92.4 74.1 111.1





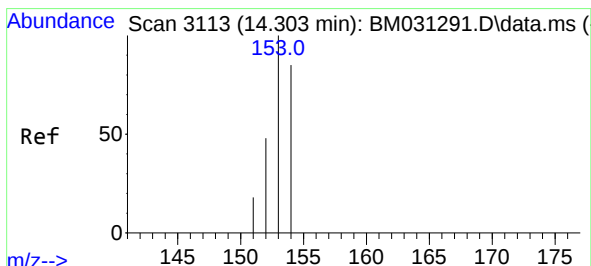
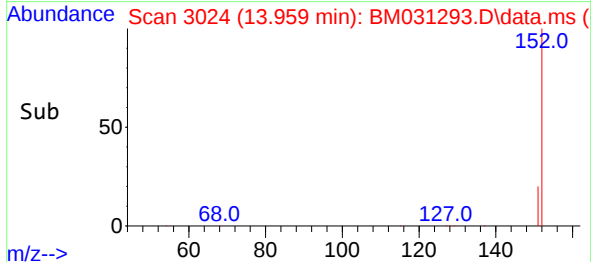
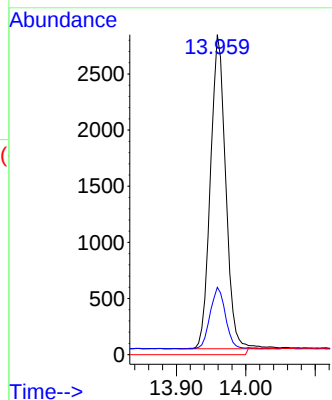
#10
Acenaphthylene
Concen: 0.338 ng/ul
RT: 13.959 min Scan# 3024
Delta R.T. -0.003 min
Lab File: BM031293.D
Acq: 31 Jul 2021 02:52

Instrument :
BNA_M
ClientSampleId :
SLCS904



Tgt Ion:152 Resp: 4064

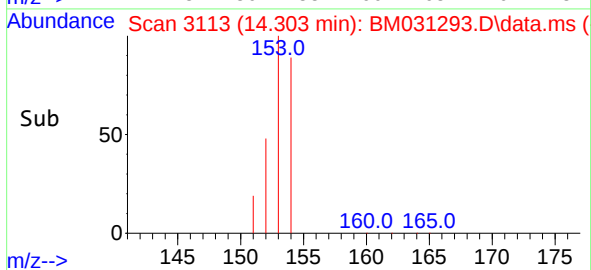
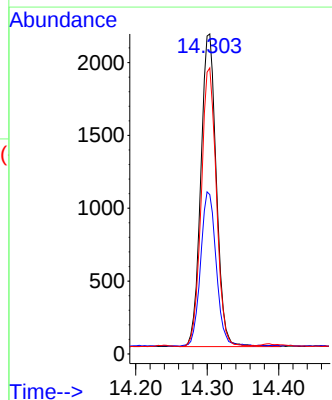
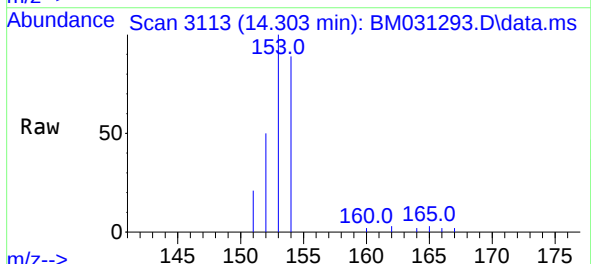
Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.9	25.3
153	0.0	0.0	0.0

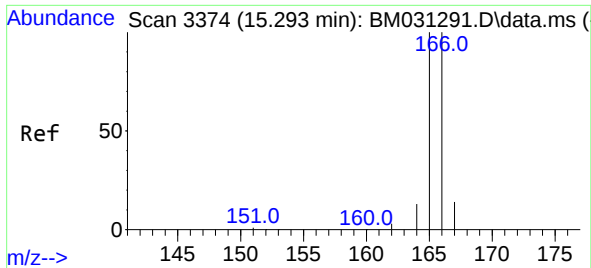


#11
Acenaphthene
Concen: 0.321 ng/ul
RT: 14.303 min Scan# 3113
Delta R.T. 0.001 min
Lab File: BM031293.D
Acq: 31 Jul 2021 02:52

Tgt Ion:153 Resp: 3252

Ion	Ratio	Lower	Upper
153	100		
152	49.8	40.7	61.1
154	89.4	70.2	105.2



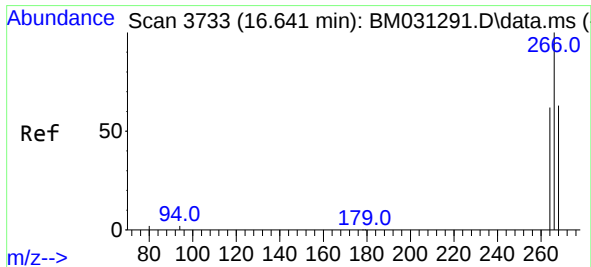
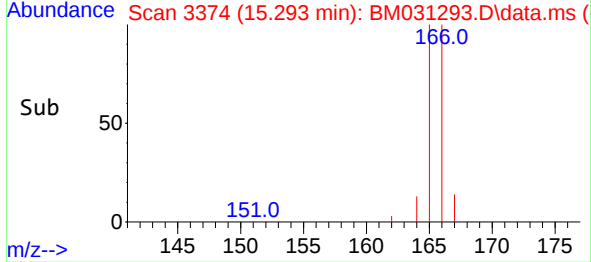
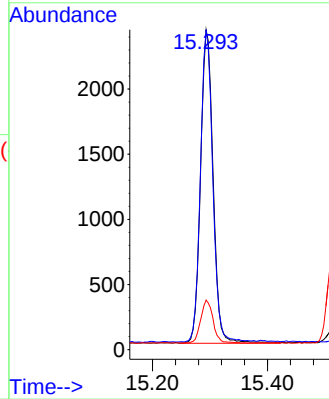
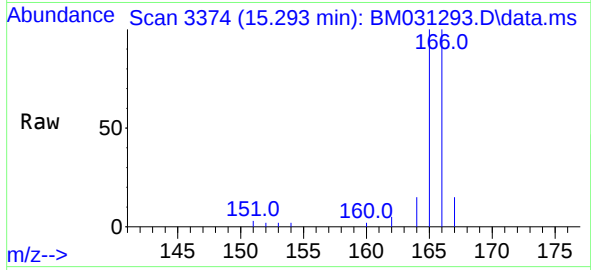


#12
Fluorene
Concen: 0.312 ng/ul
RT: 15.293 min Scan# 3374
Delta R.T. -0.003 min
Lab File: BM031293.D
Acq: 31 Jul 2021 02:52

Instrument :
BNA_M
ClientSampleId :
SLCS904

Tgt Ion:166 Resp: 3639

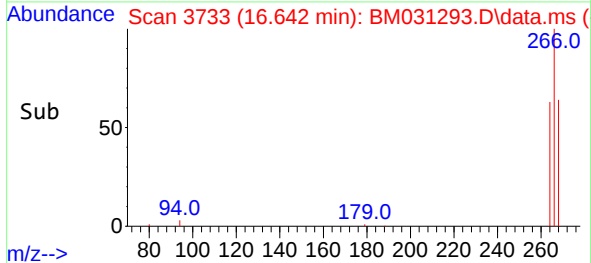
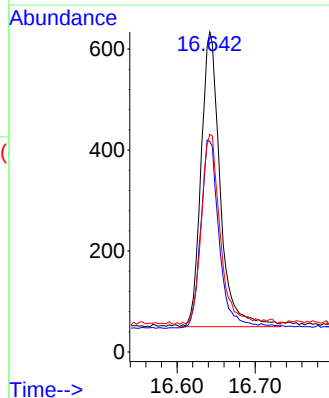
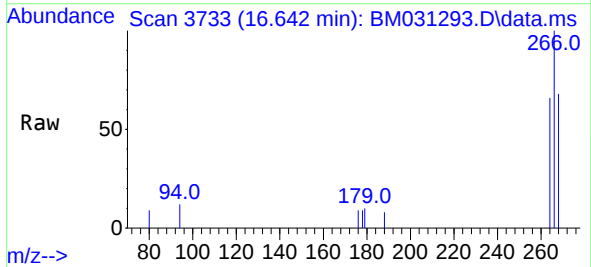
Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.0	117.0
167	15.5	12.0	18.0

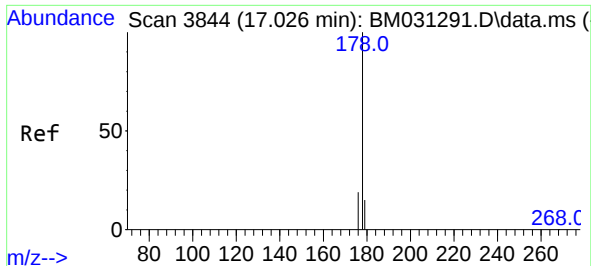


#14
Pentachlorophenol
Concen: 0.570 ng/ul
RT: 16.642 min Scan# 3733
Delta R.T. -0.003 min
Lab File: BM031293.D
Acq: 31 Jul 2021 02:52

Tgt Ion:266 Resp: 993

Ion	Ratio	Lower	Upper
266	100		
264	62.3	50.1	75.1
268	64.5	51.3	76.9

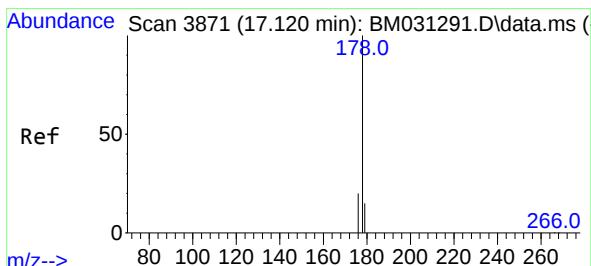
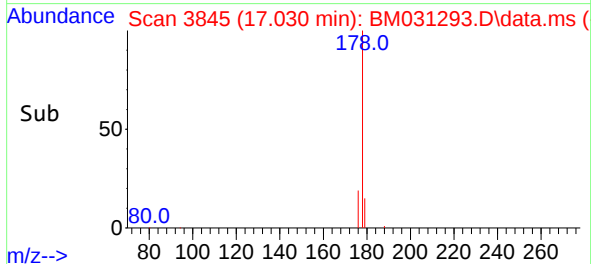
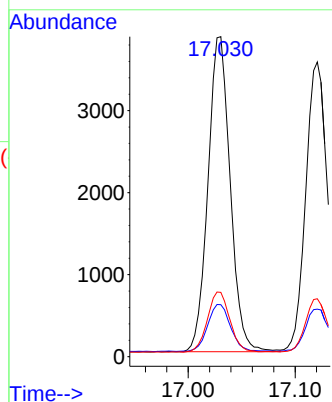
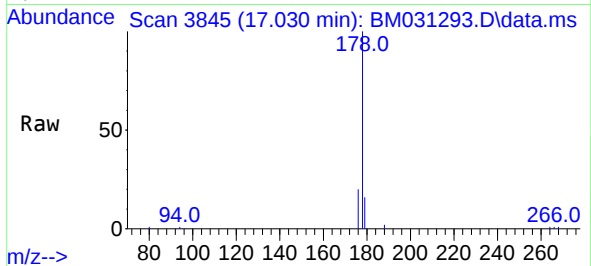




#15
Phenanthrene
Concen: 0.321 ng/u1
RT: 17.030 min Scan# 3845
Delta R.T. 0.001 min
Lab File: BM031293.D
Acq: 31 Jul 2021 02:52

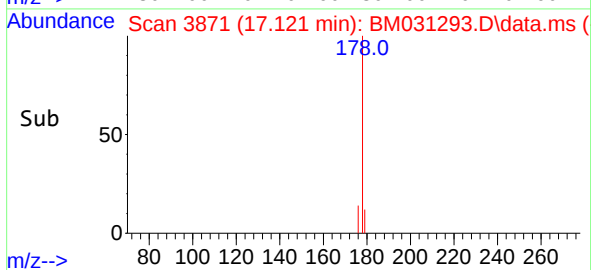
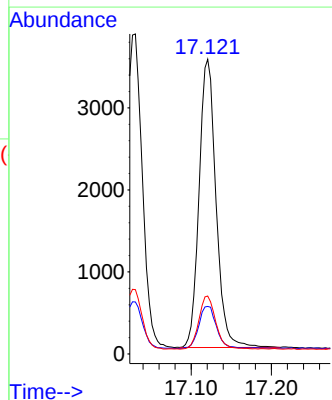
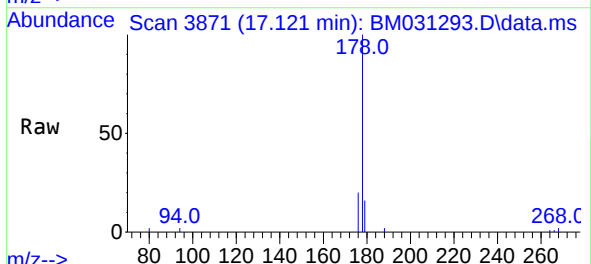
Instrument :
BNA_M
ClientSampled :
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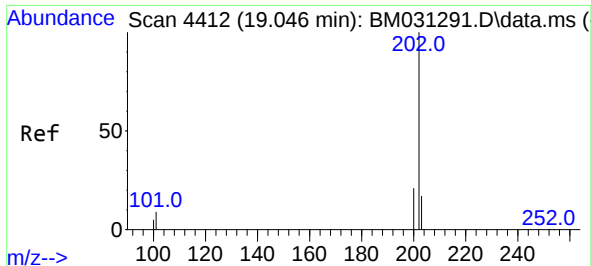
Tgt Ion:	178	Resp:	5548
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.3	19.9
176	20.1	16.2	24.4



#16
Anthracene
Concen: 0.318 ng/u1
RT: 17.121 min Scan# 3871
Delta R.T. 0.001 min
Lab File: BM031293.D
Acq: 31 Jul 2021 02:52

Tgt Ion:	178	Resp:	5141
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.0	19.6
176	19.6	15.6	23.4

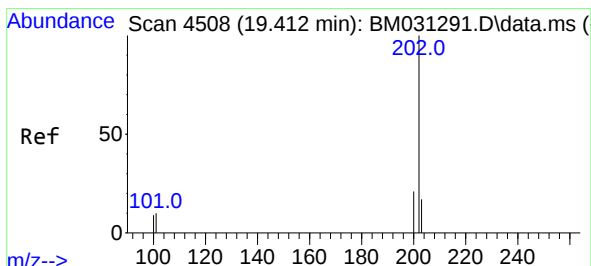
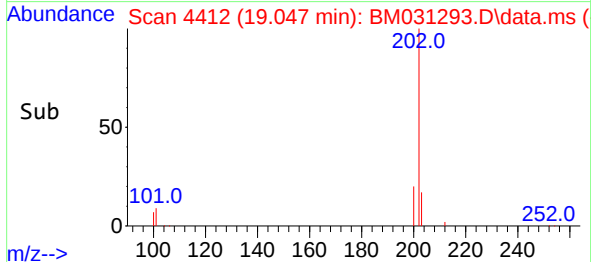
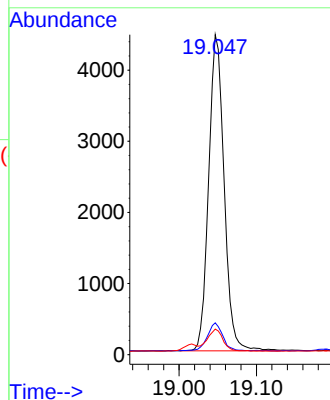
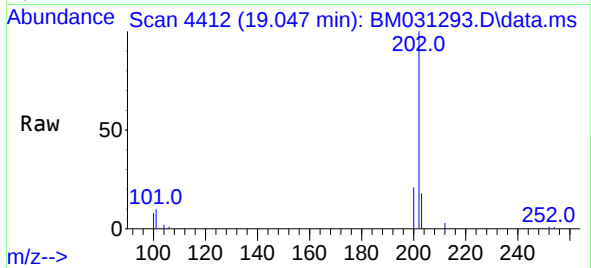




#19
Fluoranthene
Concen: 0.352 ng/ul
RT: 19.047 min Scan# 4412
Delta R.T. -0.003 min
Lab File: BM031293.D
Acq: 31 Jul 2021 02:52

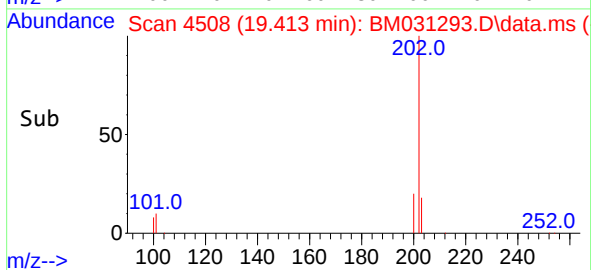
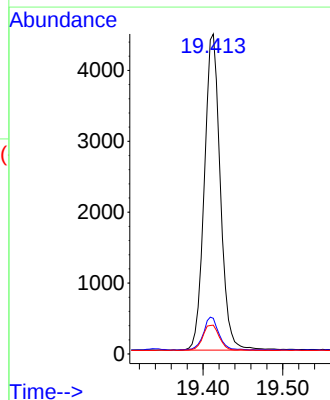
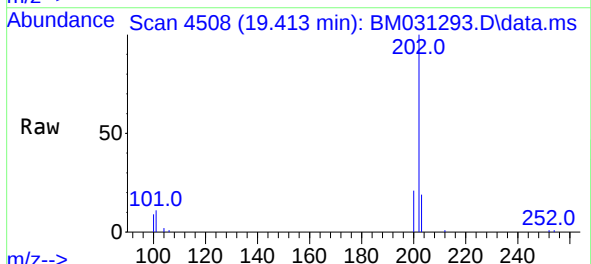
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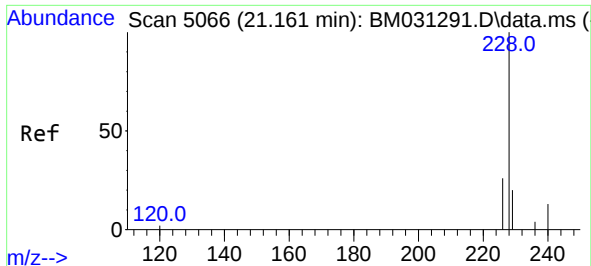
Tgt Ion:202	Resp:	6177
Ion Ratio	Lower	Upper
202	100	
101	9.9	6.6 10.0
100	8.0	5.4 8.0



#20
Pyrene
Concen: 0.348 ng/ul
RT: 19.413 min Scan# 4508
Delta R.T. 0.001 min
Lab File: BM031293.D
Acq: 31 Jul 2021 02:52

Tgt Ion:202	Resp:	6201
Ion Ratio	Lower	Upper
202	100	
101	11.2	7.8 11.6
100	9.0	6.6 10.0



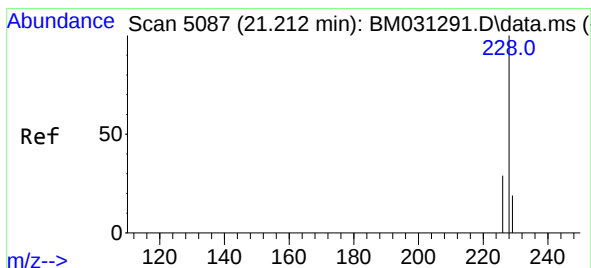
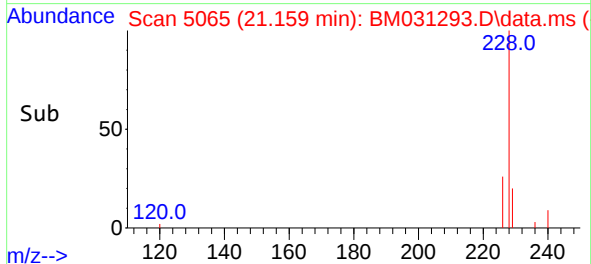
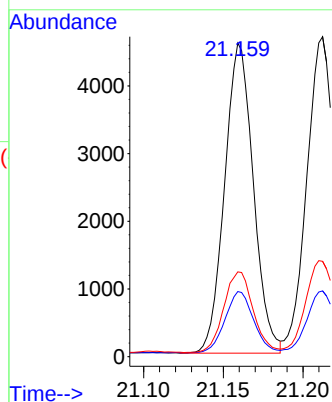
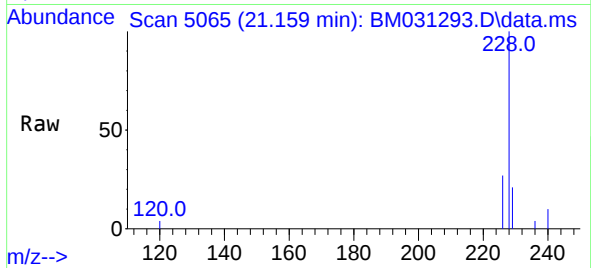


#21
Benzo(a)anthracene
Concen: 0.345 ng/ul
RT: 21.159 min Scan# 5065
Delta R.T. -0.002 min
Lab File: BM031293.D
Acq: 31 Jul 2021 02:52

Instrument :
BNA_M
ClientSampleId :
SLCS904

Tgt Ion:228 Resp: 5735

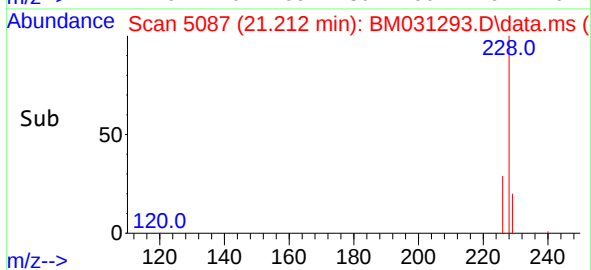
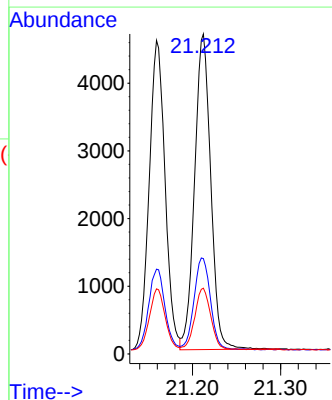
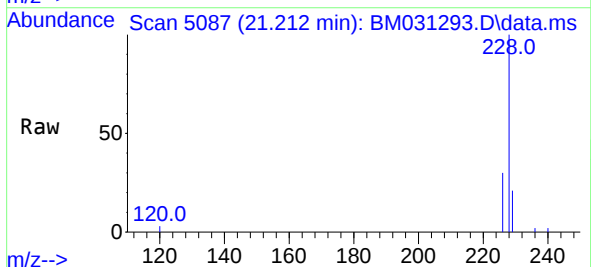
Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.6	23.4
226	27.1	21.7	32.5

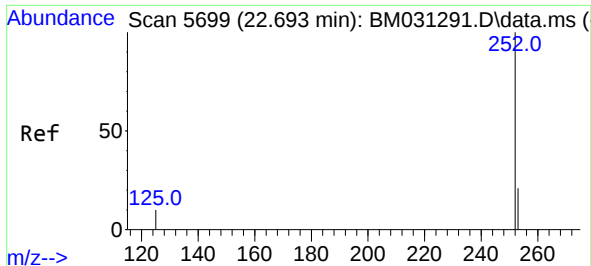


#22
Chrysene
Concen: 0.345 ng/ul
RT: 21.212 min Scan# 5087
Delta R.T. -0.002 min
Lab File: BM031293.D
Acq: 31 Jul 2021 02:52

Tgt Ion:228 Resp: 5923

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.7	37.1
229	20.5	16.2	24.2

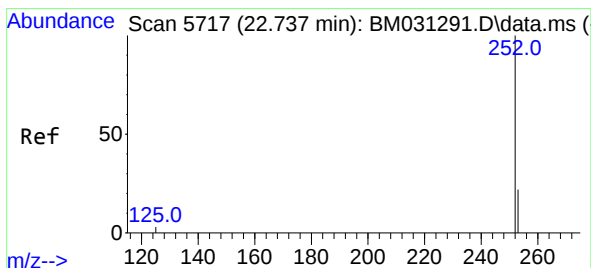
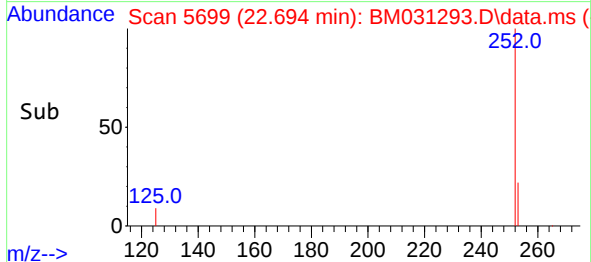
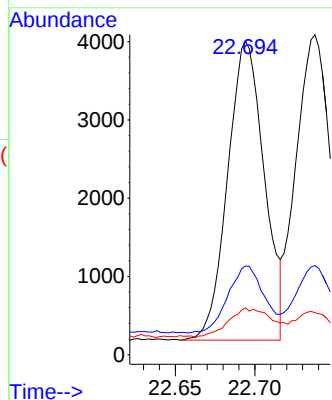
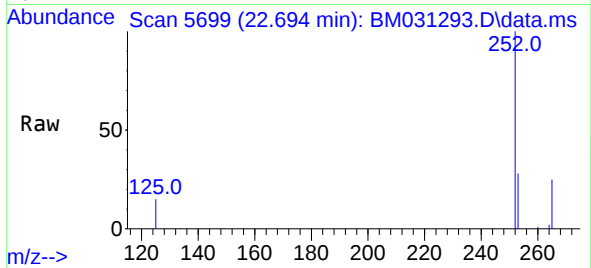




#24
Benzo(b)fluoranthene
Concen: 0.335 ng/ul
RT: 22.694 min Scan# 5699
Delta R.T. -0.004 min
Lab File: BM031293.D
Acq: 31 Jul 2021 02:52

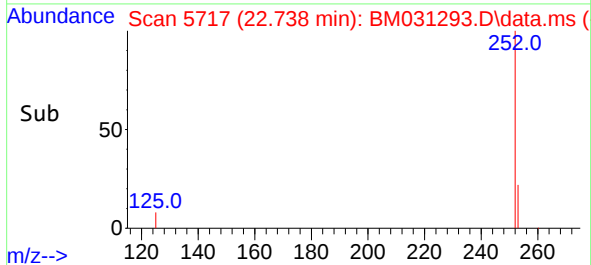
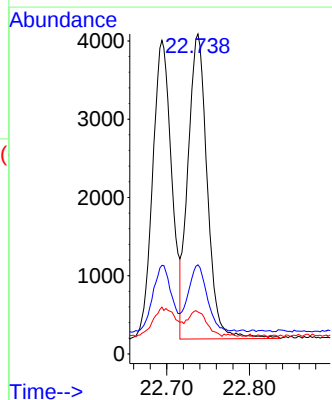
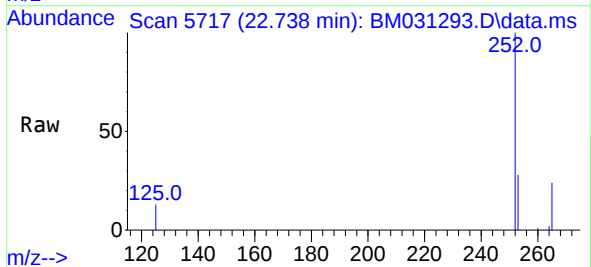
Instrument :
BNA_M
ClientSampleId :
SLCS904

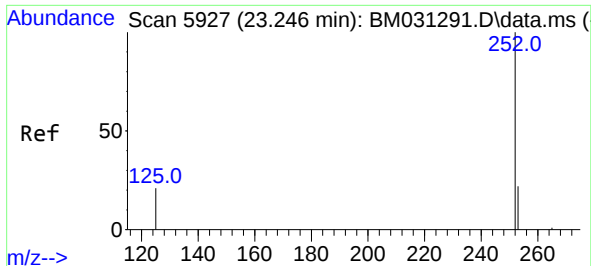
Tgt Ion:252	Resp:	6113
Ion Ratio	Lower	Upper
252	100	
253	28.3	0.0 53.0
125	14.9	0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.333 ng/ul
RT: 22.738 min Scan# 5717
Delta R.T. -0.002 min
Lab File: BM031293.D
Acq: 31 Jul 2021 02:52

Tgt Ion:252	Resp:	6287
Ion Ratio	Lower	Upper
252	100	
253	27.8	21.3 31.9
125	13.1	8.8 13.2

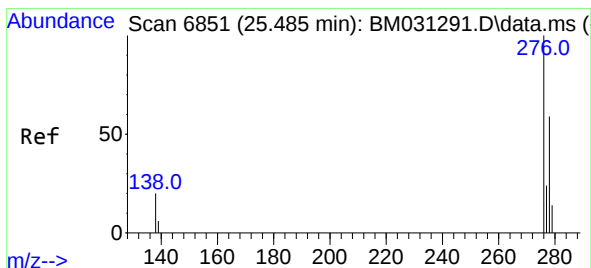
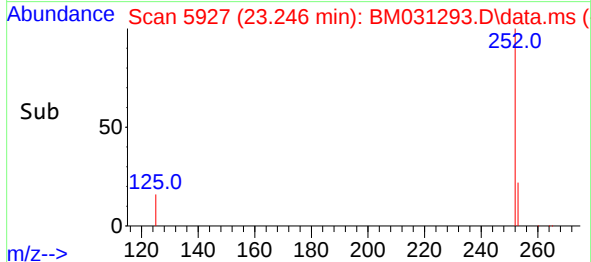
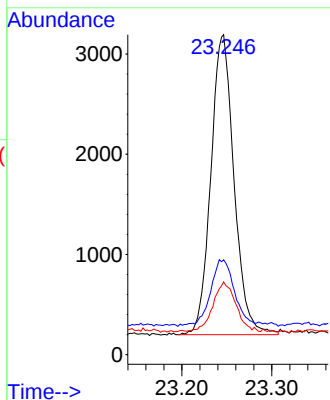
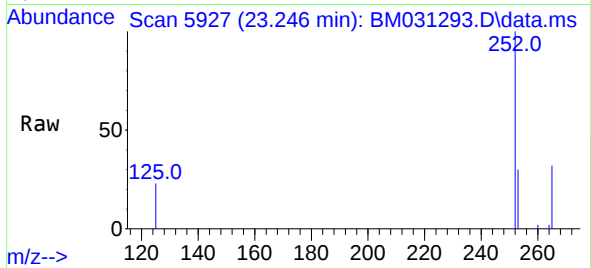




#26
Benzo(a)pyrene
Concen: 0.336 ng/ul
RT: 23.246 min Scan# 5927
Delta R.T. -0.002 min
Lab File: BM031293.D
Acq: 31 Jul 2021 02:52

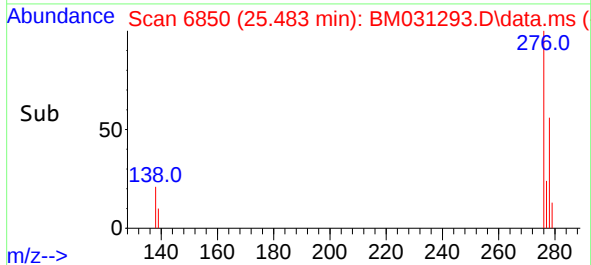
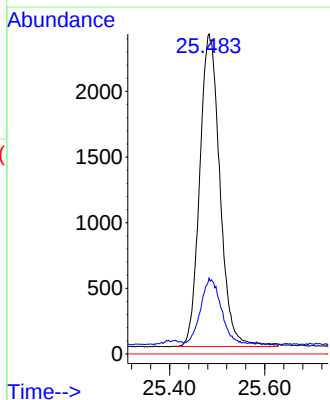
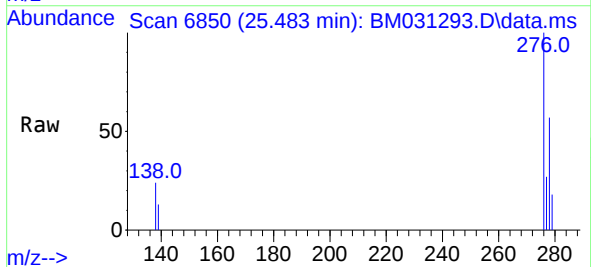
Instrument :
BNA_M
ClientSampleId :
SLCS904

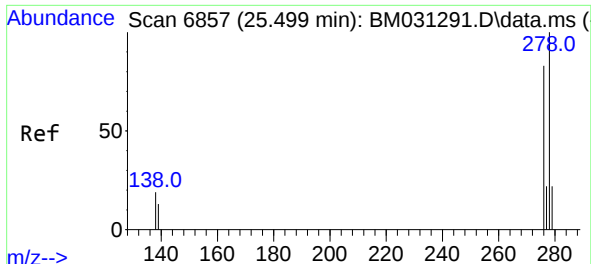
Tgt Ion:252 Resp: 5367
Ion Ratio Lower Upper
252 100
253 29.7 22.4 33.6
125 22.8 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.339 ng/ul
RT: 25.483 min Scan# 6850
Delta R.T. -0.007 min
Lab File: BM031293.D
Acq: 31 Jul 2021 02:52

Tgt Ion:276 Resp: 7005
Ion Ratio Lower Upper
276 100
138 21.1 15.8 23.8
227 0.0 0.0 0.0

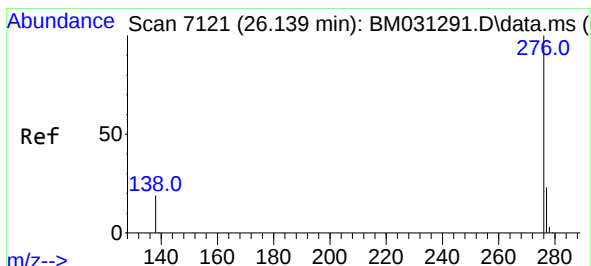
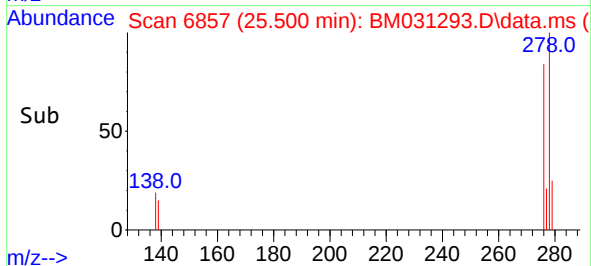
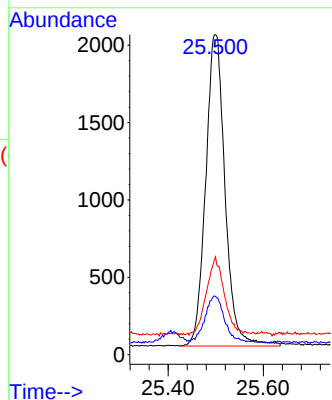
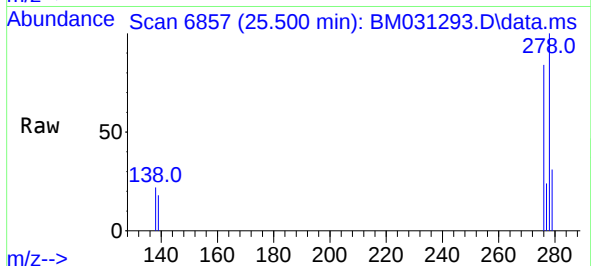




#28
Dibenzo(a,h)anthracene
Concen: 0.342 ng/ul
RT: 25.500 min Scan# 6857
Delta R.T. -0.004 min
Lab File: BM031293.D
Acq: 31 Jul 2021 02:52

Instrument :
BNA_M
ClientSampled :
SLCS904

Tgt Ion:278 Resp: 5688
Ion Ratio Lower Upper
278 100
139 18.2 13.3 19.9
279 30.6 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.336 ng/ul
RT: 26.134 min Scan# 7119
Delta R.T. -0.009 min
Lab File: BM031293.D
Acq: 31 Jul 2021 02:52

Tgt Ion:276 Resp: 5931
Ion Ratio Lower Upper
276 100
138 20.8 15.4 23.2
277 27.1 19.9 29.9

