

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031331.D
 Acq On : 01 Aug 2021 03:26
 Operator : CG/JU
 Sample : PB137930BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS930

Quant Time: Aug 02 01:15:07 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)

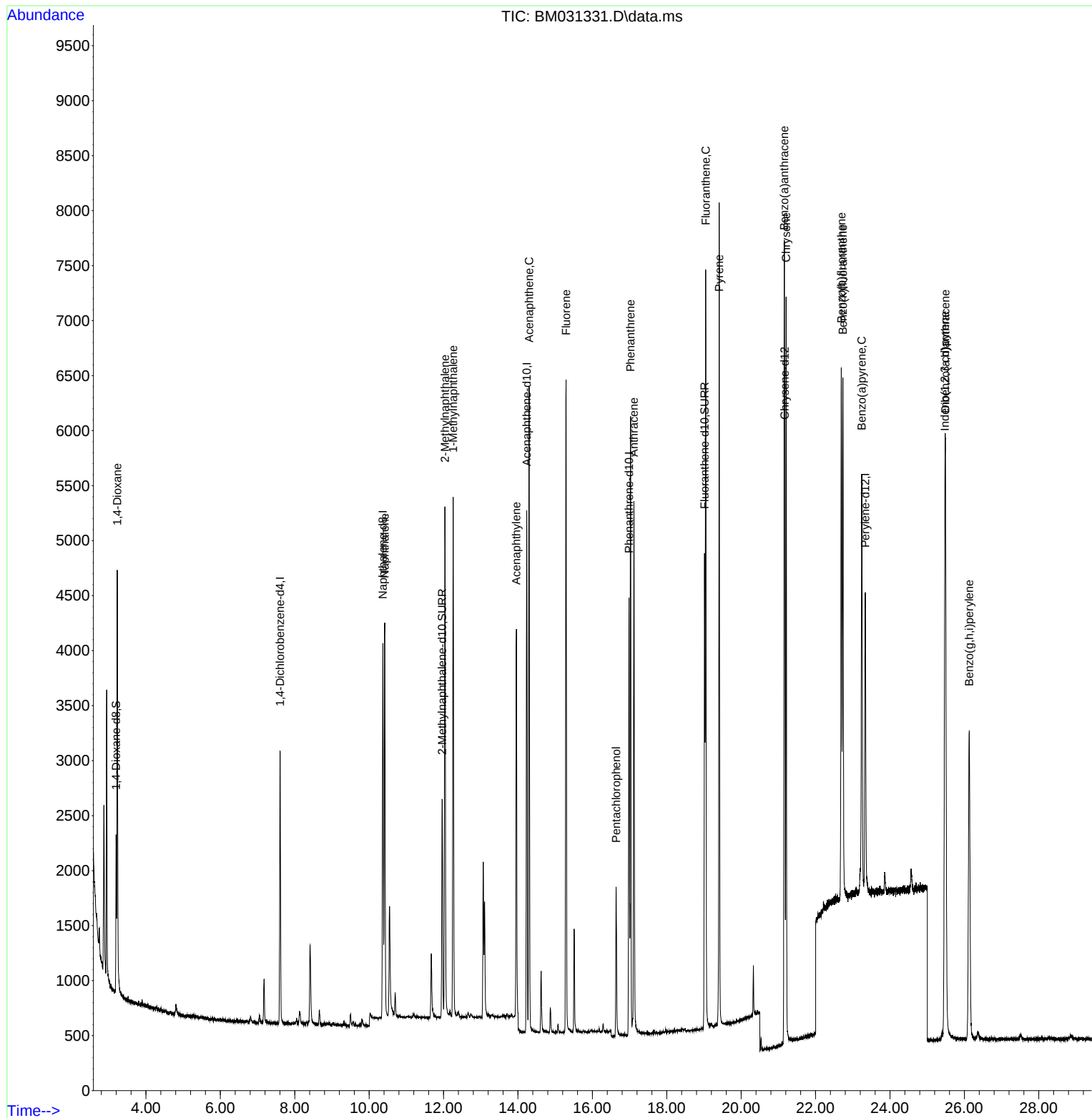
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	1216	0.400	ng/ul	0.00
4) Naphthalene-d8	10.369	136	4628	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.235	164	2680	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	5021	0.400	ng/ul	0.00
17) Chrysene-d12	21.173	240	3634	0.400	ng/ul	0.00
23) Perylene-d12	23.336	264	3446	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	890	0.659	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.961	152	2860	0.367	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	5021	0.414	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.227	88	2328	1.706	ng/ul#	80
5) Naphthalene	10.418	128	4948	0.359	ng/ul	99
7) 2-Methylnaphthalene	12.037	142	3399	0.361	ng/ul	100
8) 1-Methylnaphthalene	12.258	142	3170	0.341	ng/ul	100
10) Acenaphthylene	13.958	152	4316	0.378	ng/ul	100
11) Acenaphthene	14.299	153	3443	0.358	ng/ul	99
12) Fluorene	15.293	166	3809	0.345	ng/ul	99
14) Pentachlorophenol	16.638	266	955	0.594	ng/ul	99
15) Phenanthrene	17.026	178	5830	0.366	ng/ul	98
16) Anthracene	17.117	178	5434	0.364	ng/ul	100
19) Fluoranthene	19.046	202	6248	0.403	ng/ul	97
20) Pyrene	19.408	202	6242	0.397	ng/ul	96
21) Benzo(a)anthracene	21.156	228	5669	0.386	ng/ul	99
22) Chrysene	21.207	228	5892	0.388	ng/ul	99
24) Benzo(b)fluoranthene	22.691	252	5933	0.382	ng/ul	96
25) Benzo(k)fluoranthene	22.732	252	6023	0.375	ng/ul	97
26) Benzo(a)pyrene	23.241	252	5227	0.384	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.477	276	6653	0.379	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.492	278	5429	0.383	ng/ul	98
29) Benzo(g,h,i)perylene	26.131	276	5713	0.381	ng/ul	97

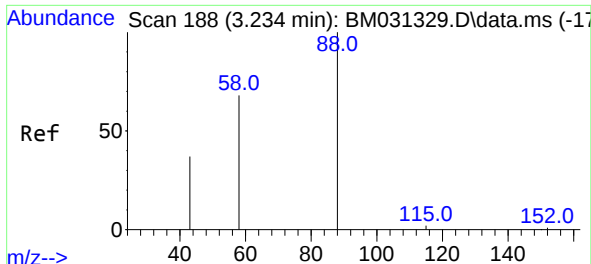
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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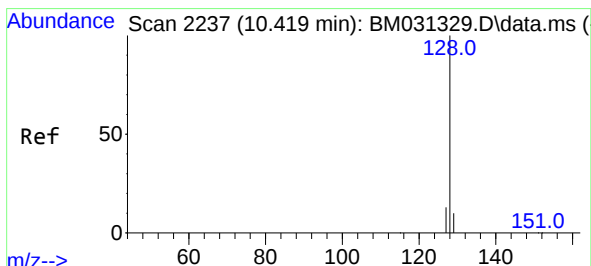
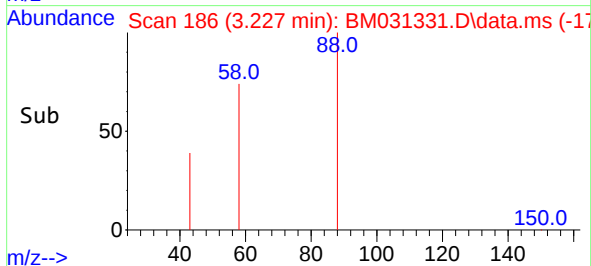
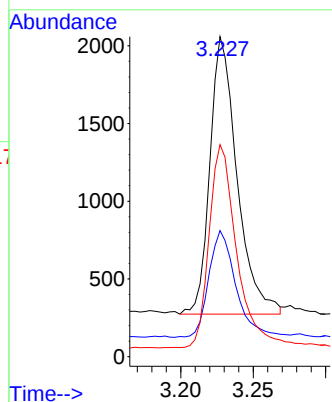
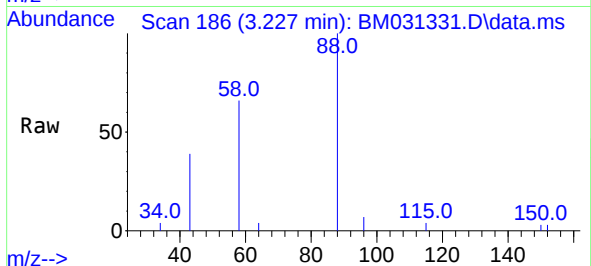




#2
1,4-Dioxane
Concen: 1.706 ng/ul
RT: 3.227 min Scan# 186
Delta R.T. -0.007 min
Lab File: BM031331.D
Acq: 01 Aug 2021 03:26

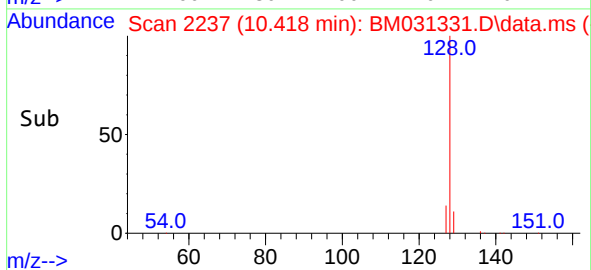
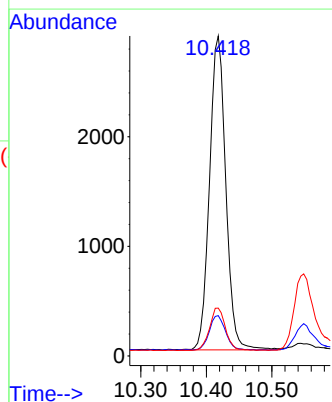
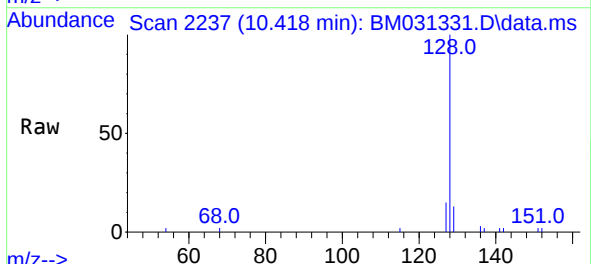
Instrument :
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ClientSampleId :
SLCS930

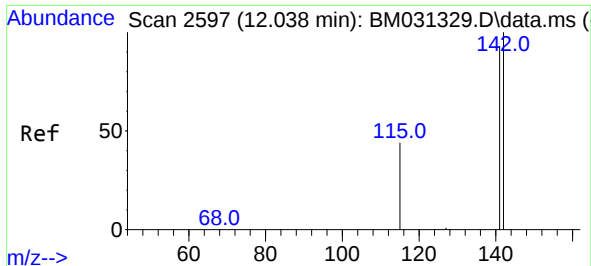
Tgt Ion: 88 Resp: 2328
Ion Ratio Lower Upper
88 100
43 39.4 29.7 44.5
58 66.2 35.6 53.4#



#5
Naphthalene
Concen: 0.359 ng/ul
RT: 10.418 min Scan# 2237
Delta R.T. -0.004 min
Lab File: BM031331.D
Acq: 01 Aug 2021 03:26

Tgt Ion:128 Resp: 4948
Ion Ratio Lower Upper
128 100
129 12.6 10.0 15.0
127 14.9 11.6 17.4

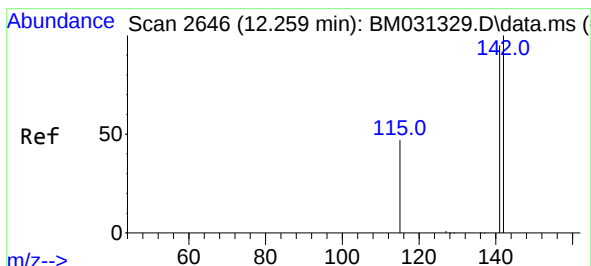
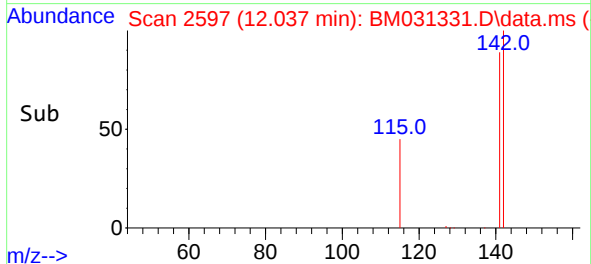
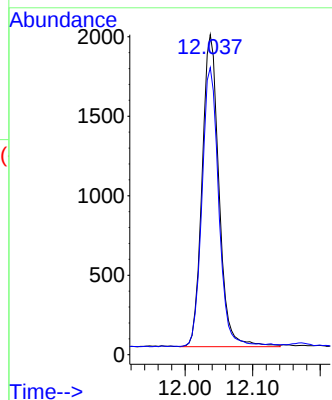
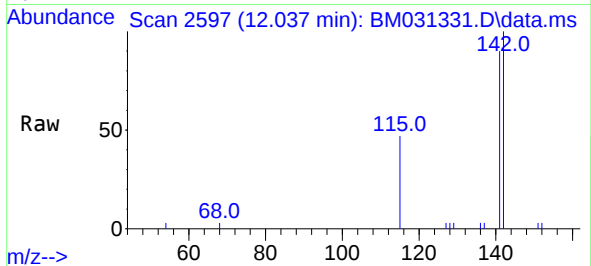




#7
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.037 min Scan# 2597
Delta R.T. -0.004 min
Lab File: BM031331.D
Acq: 01 Aug 2021 03:26

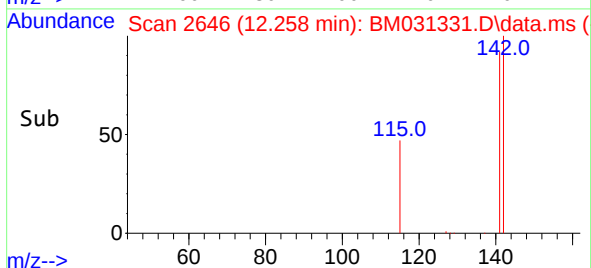
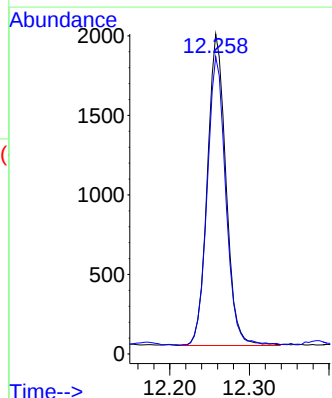
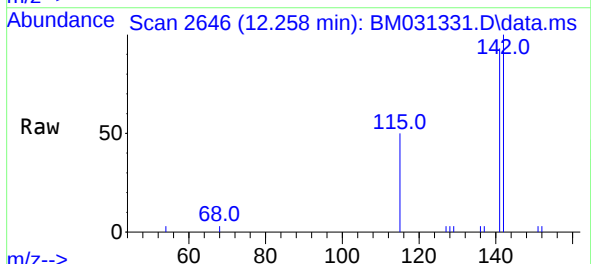
Instrument :
BNA_M
ClientSampleId :
SLCS930

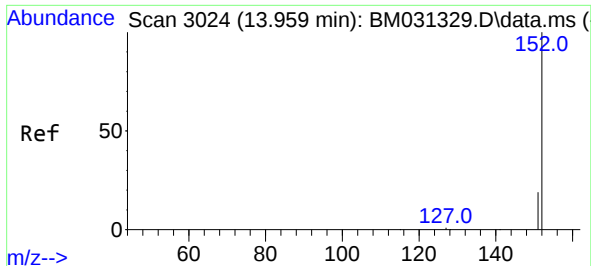
Tgt Ion:142 Resp: 3399
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.258 min Scan# 2646
Delta R.T. -0.009 min
Lab File: BM031331.D
Acq: 01 Aug 2021 03:26

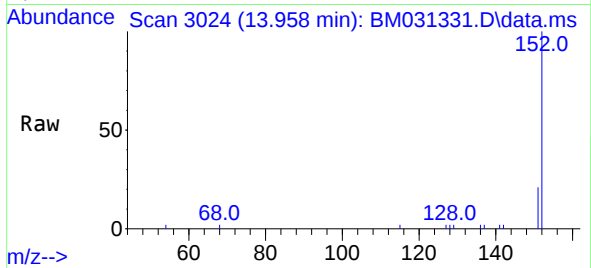
Tgt Ion:142 Resp: 3170
Ion Ratio Lower Upper
142 100
141 92.5 74.1 111.1





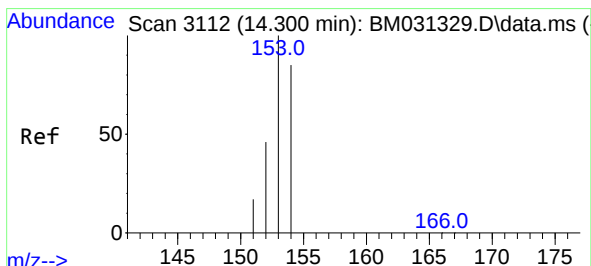
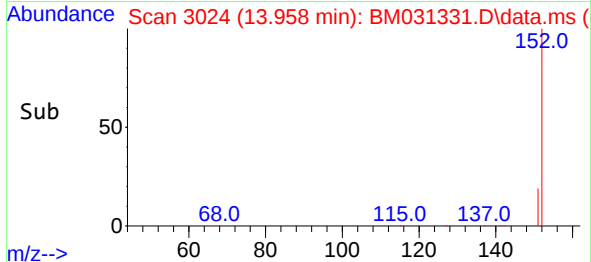
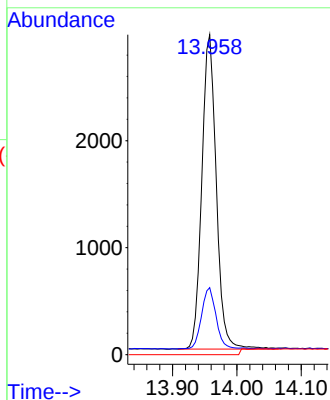
#10
Acenaphthylene
Concen: 0.378 ng/ul
RT: 13.958 min Scan# 3024
Delta R.T. -0.004 min
Lab File: BM031331.D
Acq: 01 Aug 2021 03:26

Instrument :
BNA_M
ClientSampled :
SLCS930

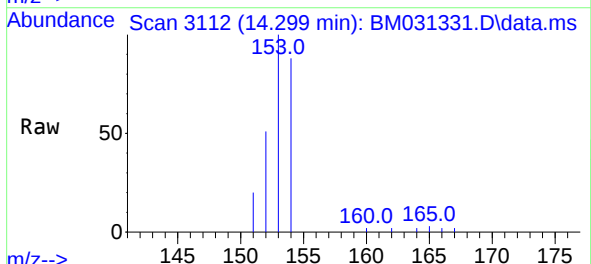


Tgt Ion:152 Resp: 4316

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	0.0	0.0	0.0

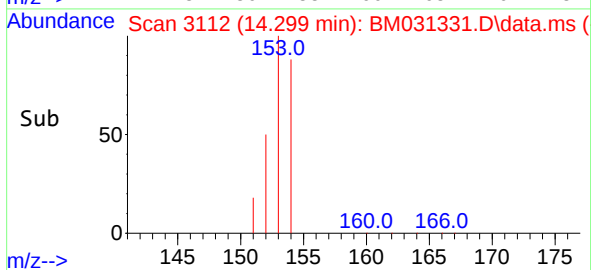
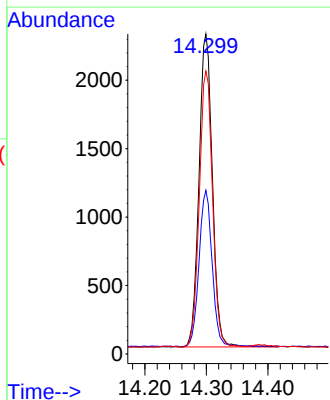


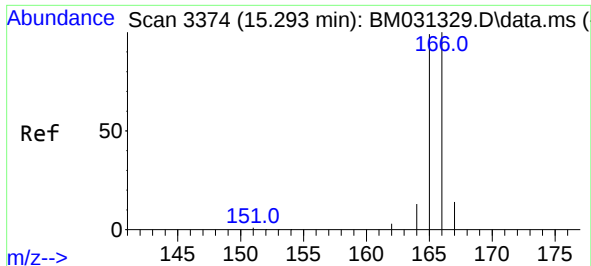
#11
Acenaphthene
Concen: 0.358 ng/ul
RT: 14.299 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BM031331.D
Acq: 01 Aug 2021 03:26



Tgt Ion:153 Resp: 3443

Ion	Ratio	Lower	Upper
153	100		
152	51.1	40.7	61.1
154	88.4	70.2	105.2

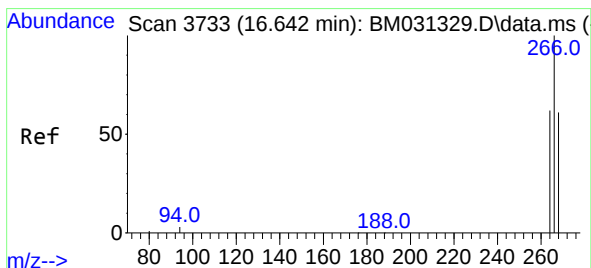
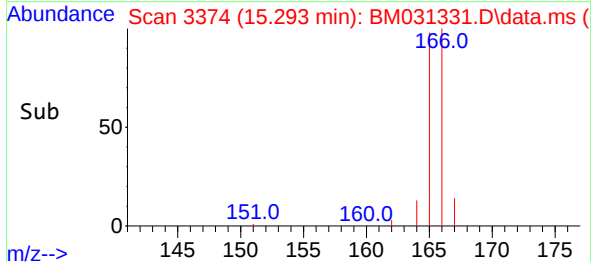
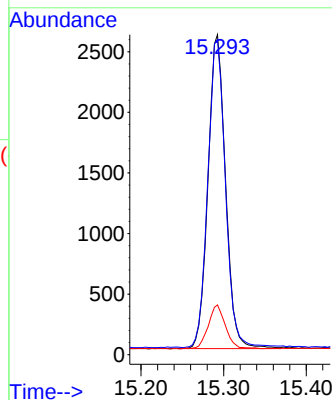
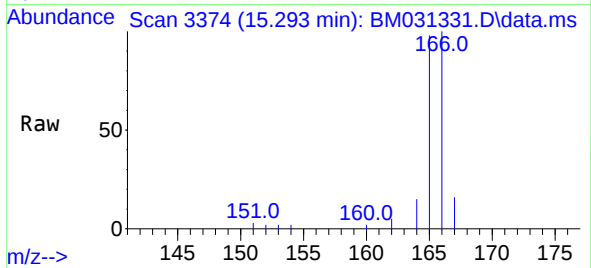




#12
Fluorene
Concen: 0.345 ng/ul
RT: 15.293 min Scan# 3374
Delta R.T. -0.004 min
Lab File: BM031331.D
Acq: 01 Aug 2021 03:26

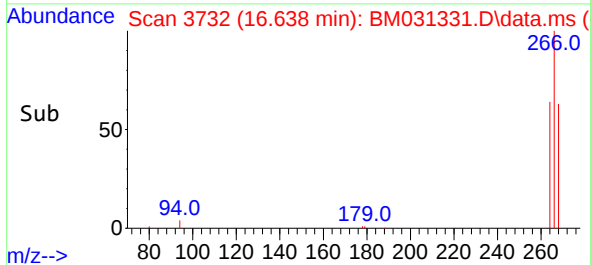
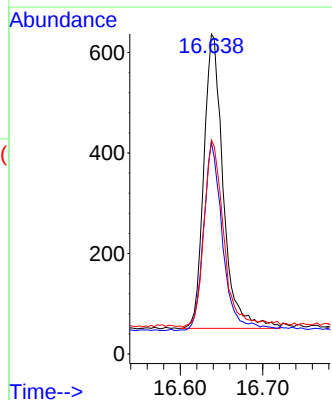
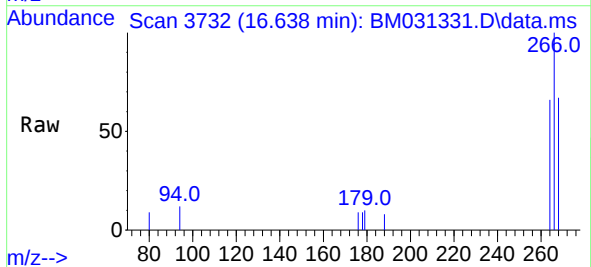
Instrument :
BNA_M
ClientSampleId :
SLCS930

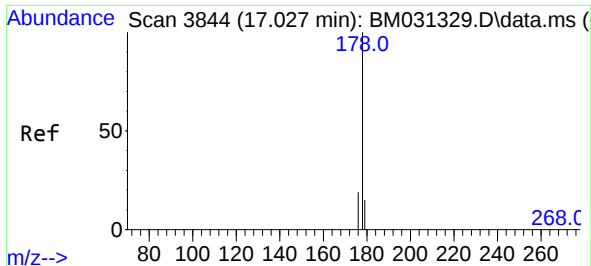
Tgt Ion:	166	Resp:	3809
Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.0	117.0
167	15.6	12.0	18.0



#14
Pentachlorophenol
Concen: 0.594 ng/ul
RT: 16.638 min Scan# 3732
Delta R.T. -0.007 min
Lab File: BM031331.D
Acq: 01 Aug 2021 03:26

Tgt Ion:	266	Resp:	955
Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.1	75.1
268	65.2	51.3	76.9

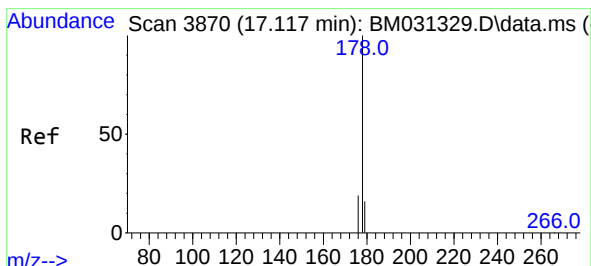
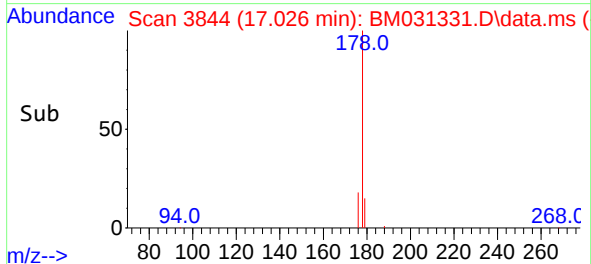
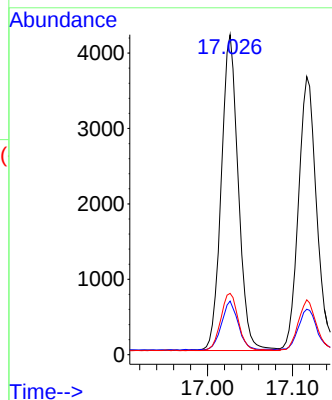
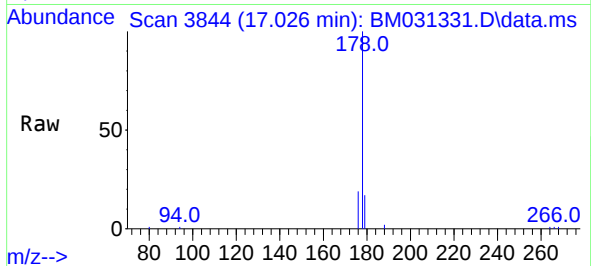




#15
Phenanthrene
Concen: 0.366 ng/u1
RT: 17.026 min Scan# 3844
Delta R.T. -0.003 min
Lab File: BM031331.D
Acq: 01 Aug 2021 03:26

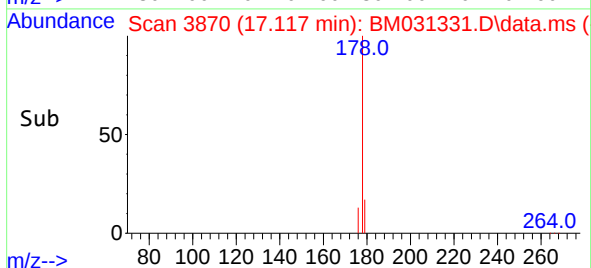
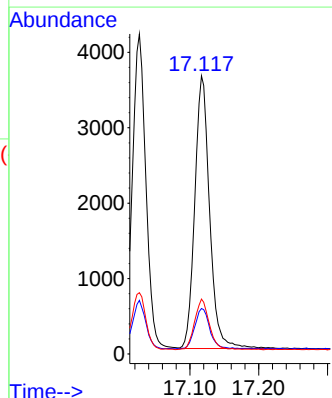
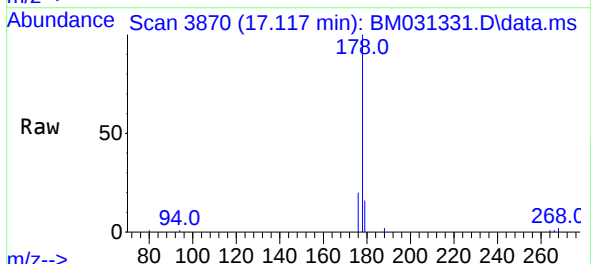
Instrument :
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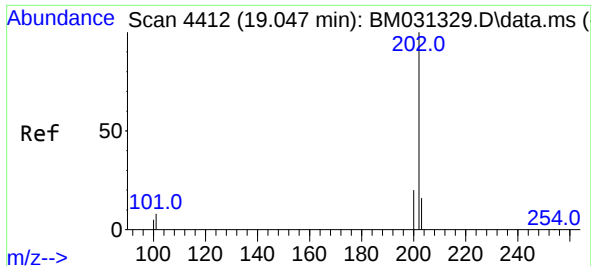
Tgt Ion:	178	Resp:	5830
Ion Ratio	Lower	Upper	
178	100		
179	16.8	13.3	19.9
176	19.1	16.2	24.4



#16
Anthracene
Concen: 0.364 ng/u1
RT: 17.117 min Scan# 3870
Delta R.T. -0.003 min
Lab File: BM031331.D
Acq: 01 Aug 2021 03:26

Tgt Ion:	178	Resp:	5434
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.0	19.6
176	19.7	15.6	23.4

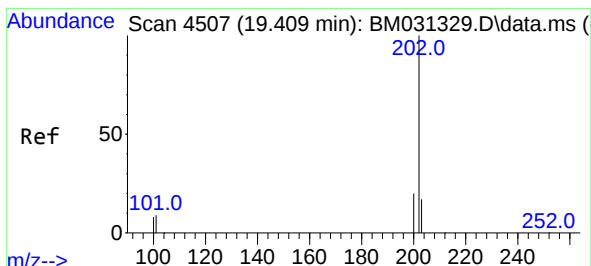
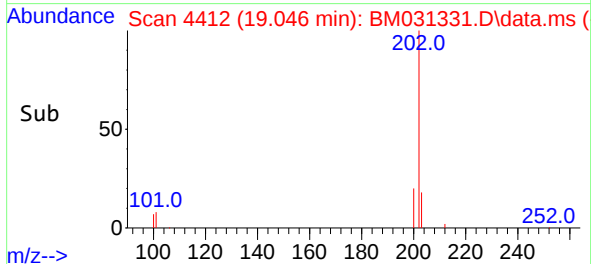
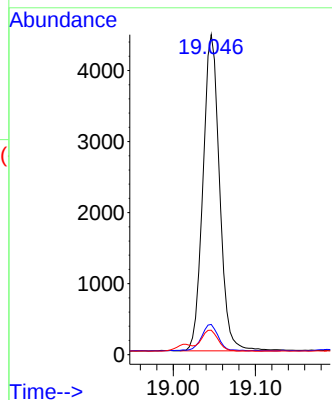
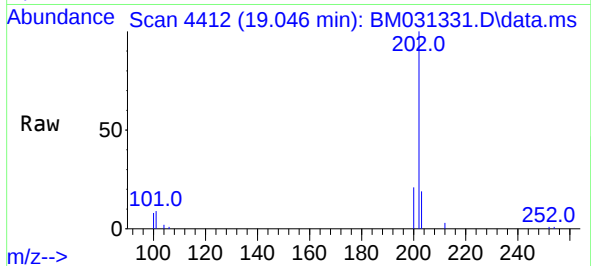




#19
Fluoranthene
Concen: 0.403 ng/u1
RT: 19.046 min Scan# 4412
Delta R.T. -0.004 min
Lab File: BM031331.D
Acq: 01 Aug 2021 03:26

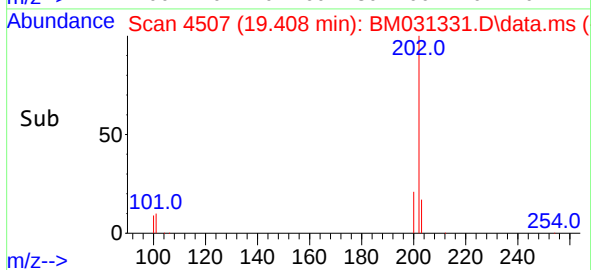
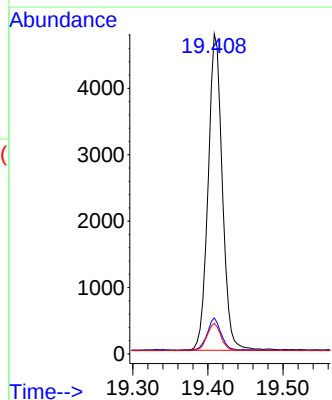
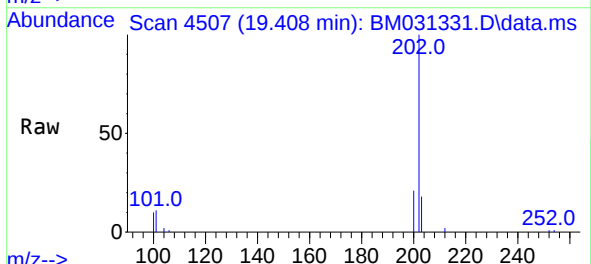
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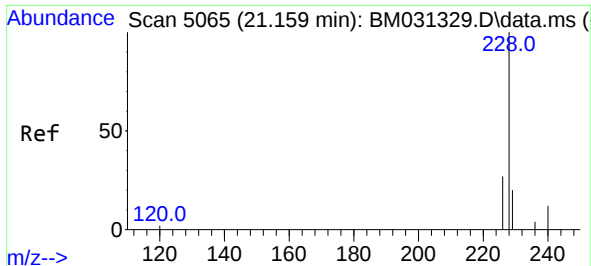
Tgt Ion:202	Resp:	6248
Ion Ratio	Lower	Upper
202	100	
101	9.4	6.6 10.0
100	7.6	5.4 8.0



#20
Pyrene
Concen: 0.397 ng/u1
RT: 19.408 min Scan# 4507
Delta R.T. -0.004 min
Lab File: BM031331.D
Acq: 01 Aug 2021 03:26

Tgt Ion:202	Resp:	6242
Ion Ratio	Lower	Upper
202	100	
101	11.2	7.8 11.6
100	9.6	6.6 10.0

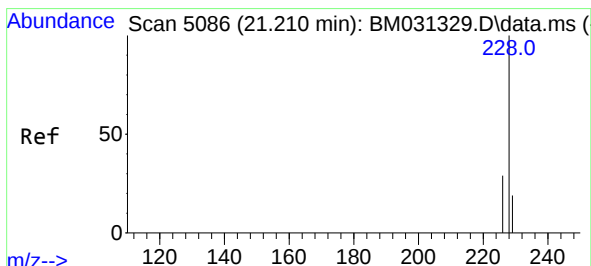
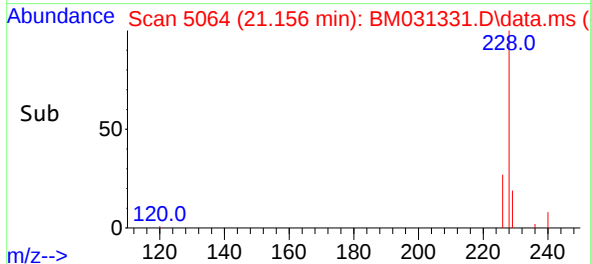
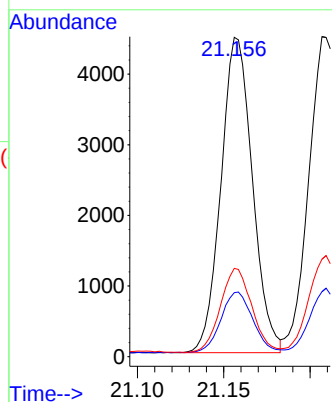
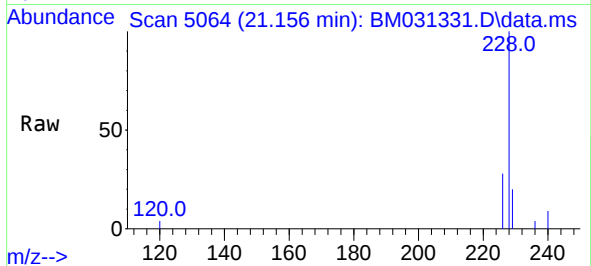




#21
Benzo(a)anthracene
Concen: 0.386 ng/ul
RT: 21.156 min Scan# 5064
Delta R.T. -0.005 min
Lab File: BM031331.D
Acq: 01 Aug 2021 03:26

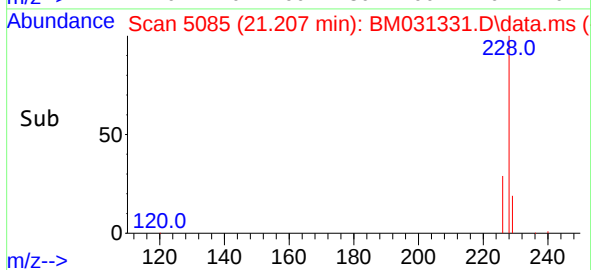
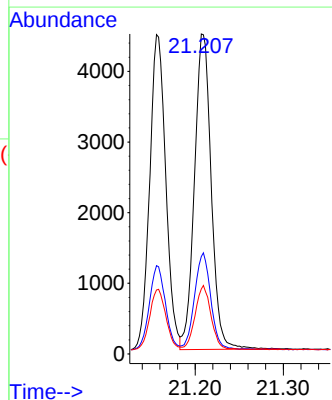
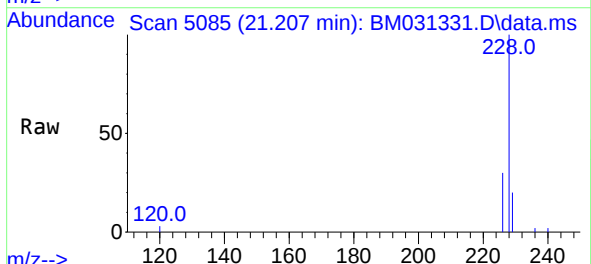
Instrument :
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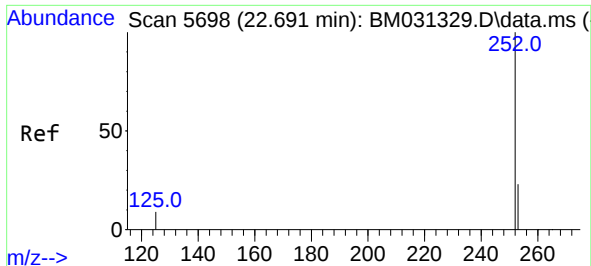
Tgt Ion:	228	Resp:	5669
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.6	23.4
226	27.7	21.7	32.5



#22
Chrysene
Concen: 0.388 ng/ul
RT: 21.207 min Scan# 5085
Delta R.T. -0.007 min
Lab File: BM031331.D
Acq: 01 Aug 2021 03:26

Tgt Ion:	228	Resp:	5892
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.7	37.1
229	20.3	16.2	24.2

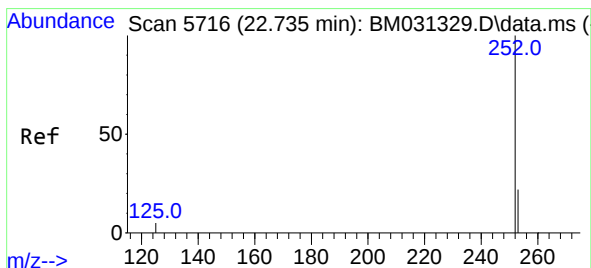
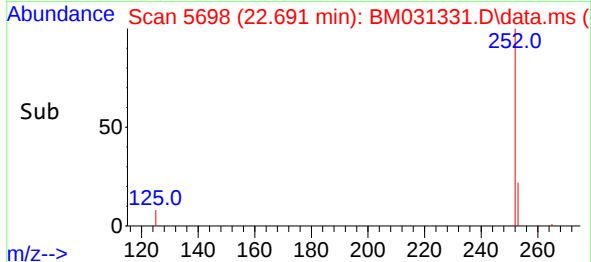
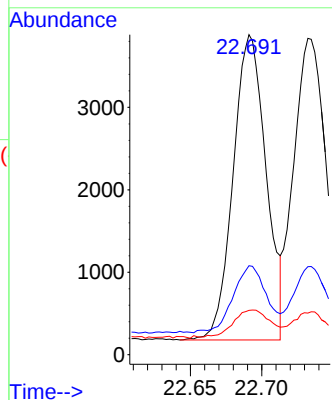
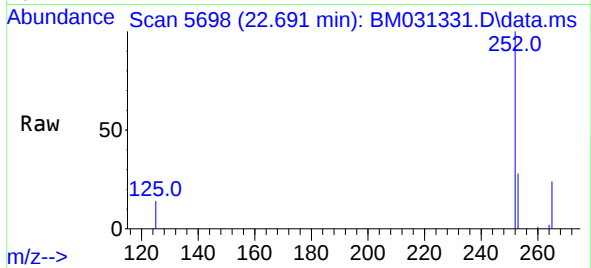




#24
Benzo(b)fluoranthene
Concen: 0.382 ng/ul
RT: 22.691 min Scan# 5698
Delta R.T. -0.007 min
Lab File: BM031331.D
Acq: 01 Aug 2021 03:26

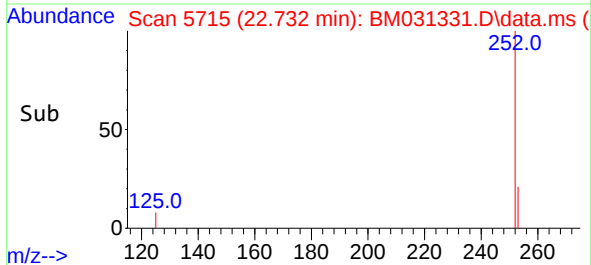
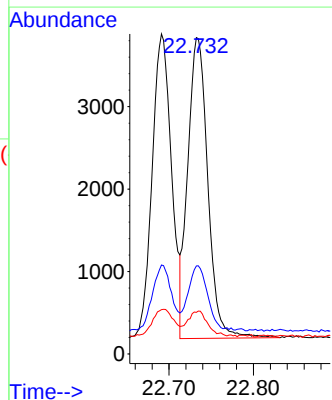
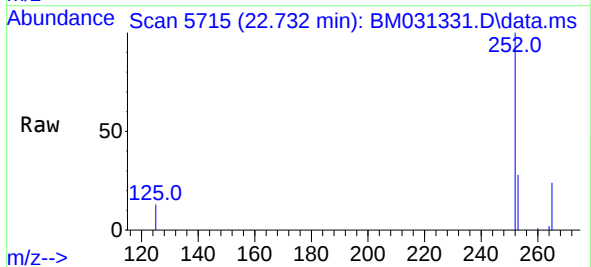
Instrument :
BNA_M
ClientSampled :
SLCS930

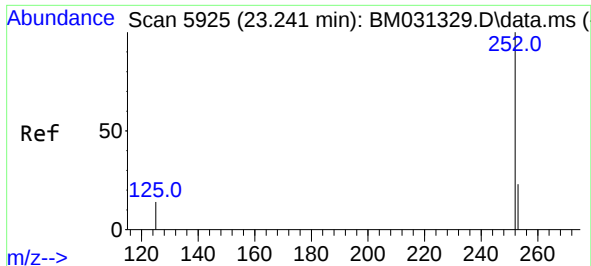
Tgt Ion:252 Resp: 5933
Ion Ratio Lower Upper
252 100
253 27.8 0.0 53.0
125 13.9 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.375 ng/ul
RT: 22.732 min Scan# 5715
Delta R.T. -0.007 min
Lab File: BM031331.D
Acq: 01 Aug 2021 03:26

Tgt Ion:252 Resp: 6023
Ion Ratio Lower Upper
252 100
253 27.8 21.3 31.9
125 13.2 8.8 13.2

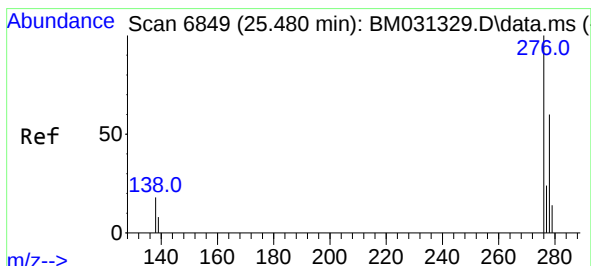
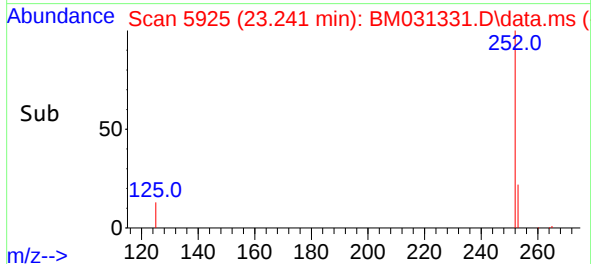
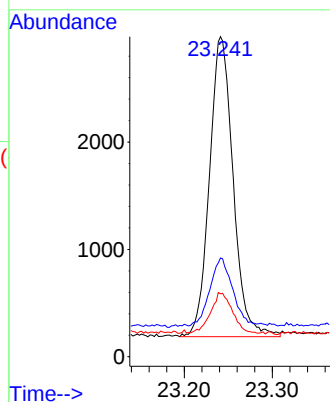
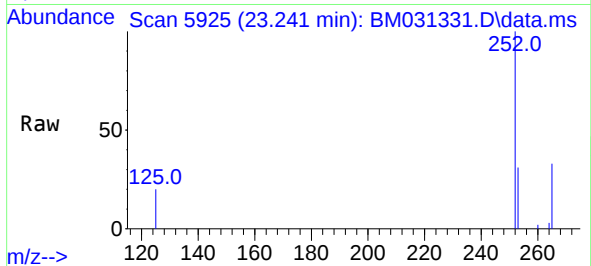




#26
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 23.241 min Scan# 5925
Delta R.T. -0.007 min
Lab File: BM031331.D
Acq: 01 Aug 2021 03:26

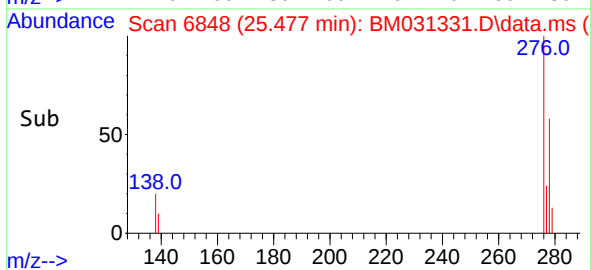
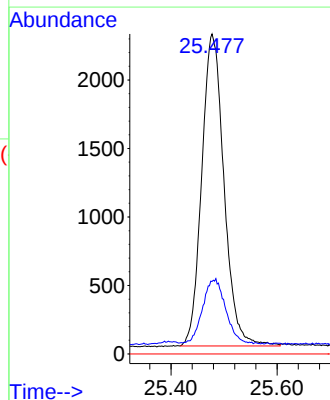
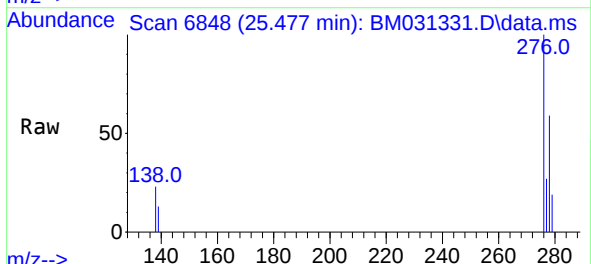
Instrument :
BNA_M
ClientSampleId :
SLCS930

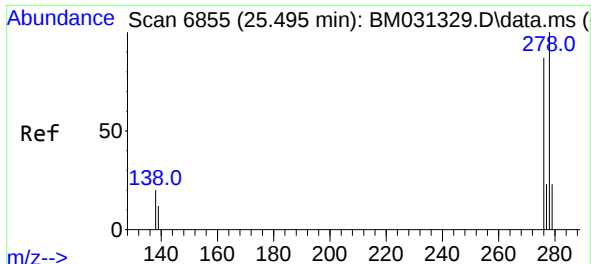
Tgt Ion:	252	Resp:	5227
Ion Ratio	Lower	Upper	
252	100		
253	30.9	22.4	33.6
125	19.7	13.0	19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng/ul
RT: 25.477 min Scan# 6848
Delta R.T. -0.012 min
Lab File: BM031331.D
Acq: 01 Aug 2021 03:26

Tgt Ion:	276	Resp:	6653
Ion Ratio	Lower	Upper	
276	100		
138	21.3	15.8	23.8
227	0.0	0.0	0.0

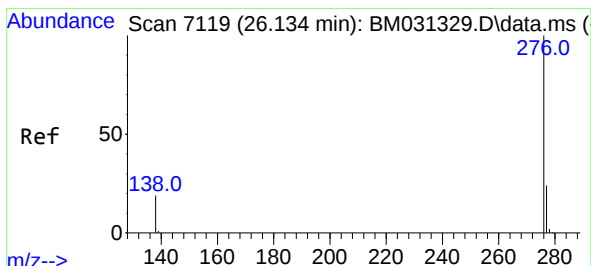
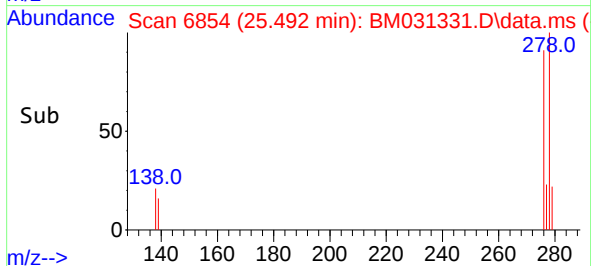
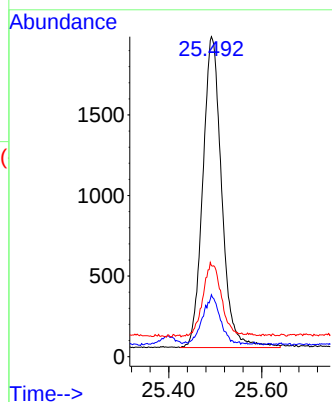
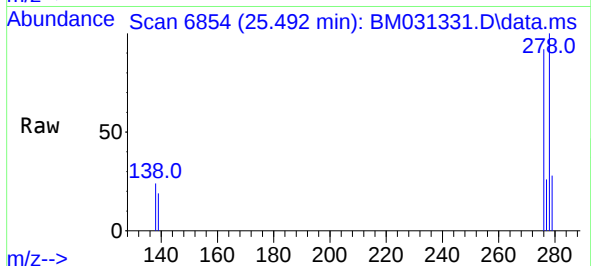




#28
Dibenzo(a,h)anthracene
Concen: 0.383 ng/ul
RT: 25.492 min Scan# 6854
Delta R.T. -0.012 min
Lab File: BM031331.D
Acq: 01 Aug 2021 03:26

Instrument :
BNA_M
ClientSampled :
SLCS930

Tgt Ion:278 Resp: 5429
Ion Ratio Lower Upper
278 100
139 19.3 13.3 19.9
279 28.4 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.381 ng/ul
RT: 26.131 min Scan# 7118
Delta R.T. -0.012 min
Lab File: BM031331.D
Acq: 01 Aug 2021 03:26

Tgt Ion:276 Resp: 5713
Ion Ratio Lower Upper
276 100
138 20.6 15.4 23.2
277 26.1 19.9 29.9

