

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031442.D
 Acq On : 04 Aug 2021 11:47
 Operator : CG/JU
 Sample : PB137942BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS942

Quant Time: Aug 04 12:32:05 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 : Wed Aug 04 12:17:22 2021
 Response via : Initial Calibration

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

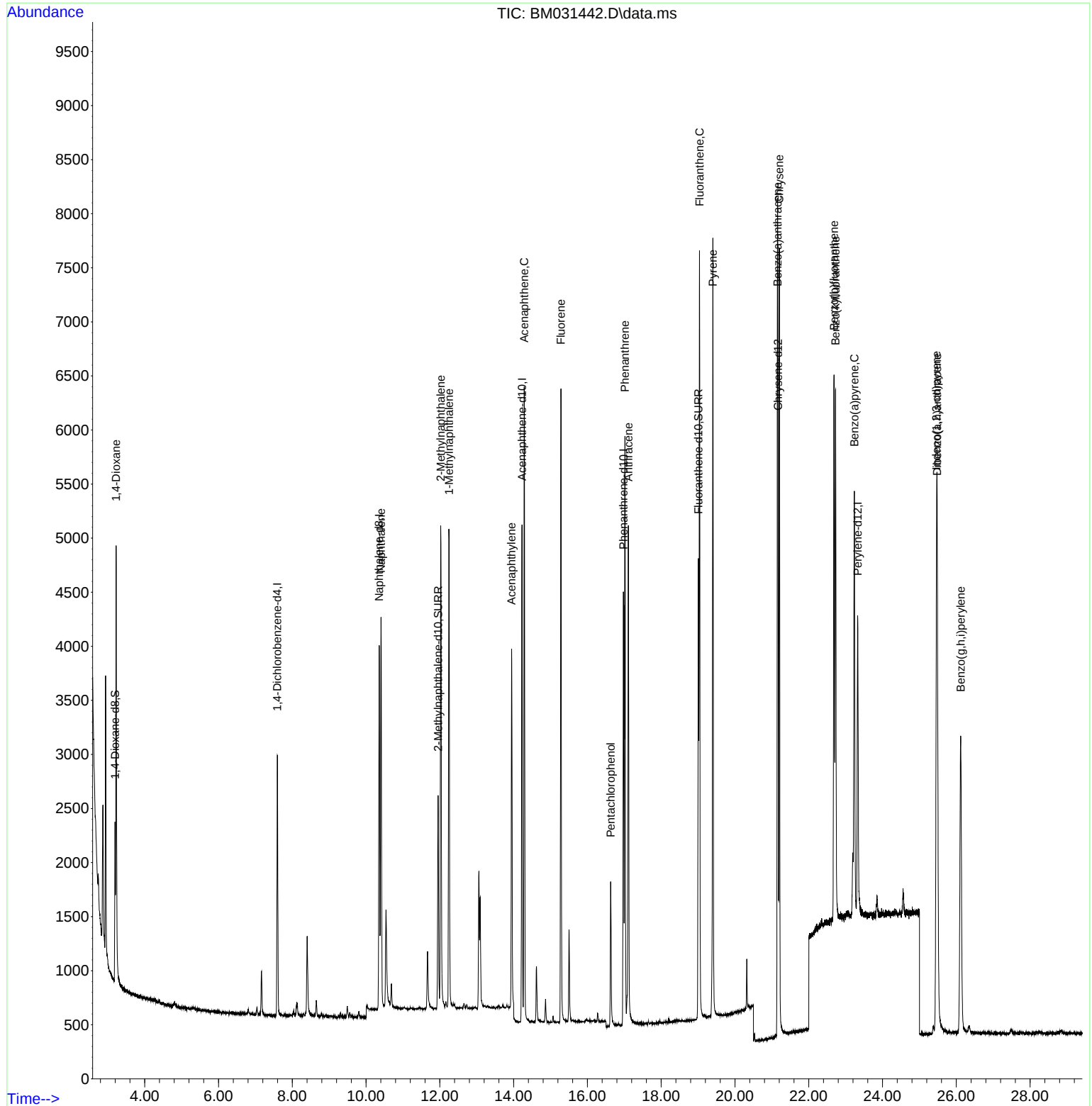
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.594	152	1210	0.400	ng/ul	0.00
4) Naphthalene-d8	10.356	136	4626	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.228	164	2661	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	5156	0.400	ng/ul	0.00
17) Chrysene-d12	21.169	240	3890	0.400	ng/ul	0.00
23) Perylene-d12	23.329	264	3579	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	918	0.683	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	2803	0.360	ng/ul	0.00
18) Fluoranthene-d10	19.009	212	5116	0.394	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.224	88	2461	1.813	ng/ul#	79
5) Naphthalene	10.406	128	4995	0.362	ng/ul	99
7) 2-Methylnaphthalene	12.025	142	3411	0.362	ng/ul	98
8) 1-Methylnaphthalene	12.250	142	3103	0.334	ng/ul	99
10) Acenaphthylene	13.945	152	4129	0.364	ng/ul	100
11) Acenaphthene	14.288	153	3394	0.356	ng/ul	99
12) Fluorene	15.282	166	3731	0.340	ng/ul	99
14) Pentachlorophenol	16.631	266	1010	0.612	ng/ul	99
15) Phenanthrene	17.016	178	5771	0.352	ng/ul	99
16) Anthracene	17.110	178	5342	0.349	ng/ul	99
19) Fluoranthene	19.039	202	6414	0.386	ng/ul	99
20) Pyrene	19.401	202	6542	0.388	ng/ul	99
21) Benzo(a)anthracene	21.152	228	5924	0.377	ng/ul	99
22) Chrysene	21.202	228	6297	0.387	ng/ul	100
24) Benzo(b)fluoranthene	22.684	252	6156	0.382	ng/ul	98
25) Benzo(k)fluoranthene	22.728	252	6278	0.377	ng/ul	100
26) Benzo(a)pyrene	23.237	252	5448	0.386	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.466	276	6870	0.376	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.483	278	5377	0.365	ng/ul	99
29) Benzo(g,h,i)perylene	26.120	276	5928	0.381	ng/ul	97

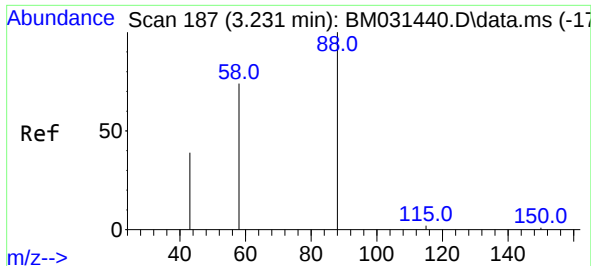
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 04 12:17:22 2021
Response via : Initial Calibration

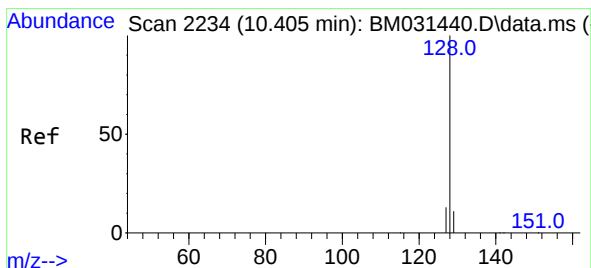
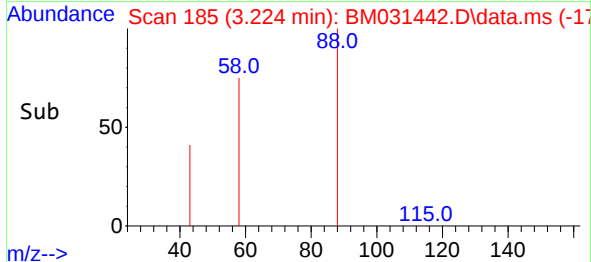
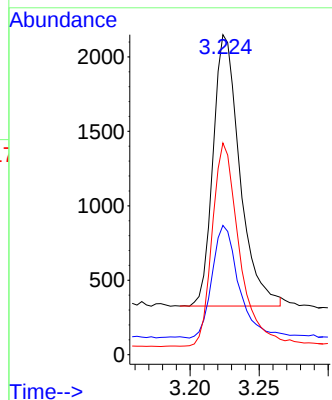
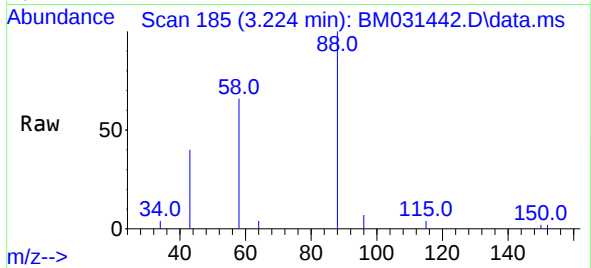




#2
1,4-Dioxane
Concen: 1.813 ng/ul
RT: 3.224 min Scan# 185
Delta R.T. -0.007 min
Lab File: BM031442.D
Acq: 04 Aug 2021 11:47

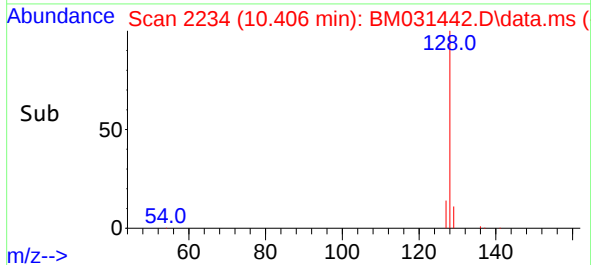
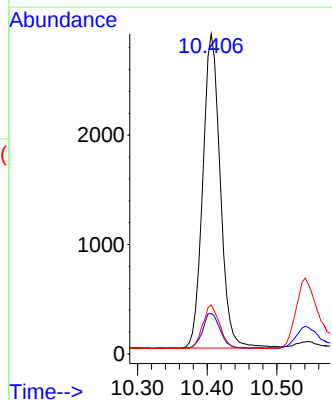
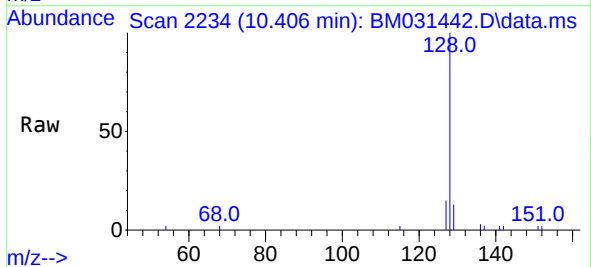
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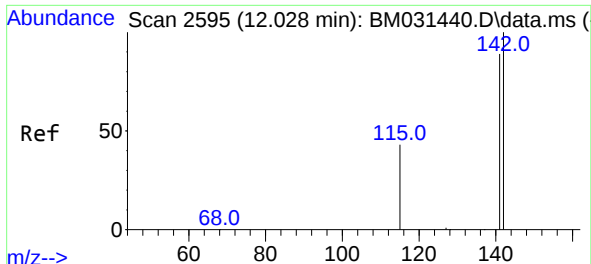
Tgt Ion: 88 Resp: 2461
Ion Ratio Lower Upper
88 100
43 40.4 29.7 44.5
58 66.2 35.6 53.4#



#5
Naphthalene
Concen: 0.362 ng/ul
RT: 10.406 min Scan# 2234
Delta R.T. 0.001 min
Lab File: BM031442.D
Acq: 04 Aug 2021 11:47

Tgt Ion: 128 Resp: 4995
Ion Ratio Lower Upper
128 100
129 12.6 10.0 15.0
127 15.3 11.6 17.4

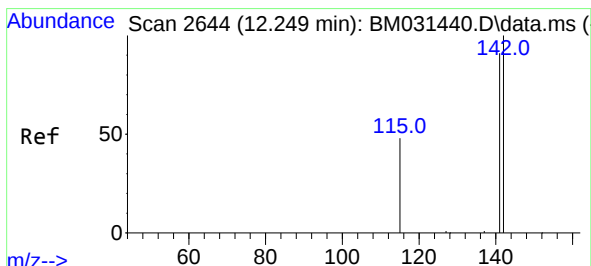
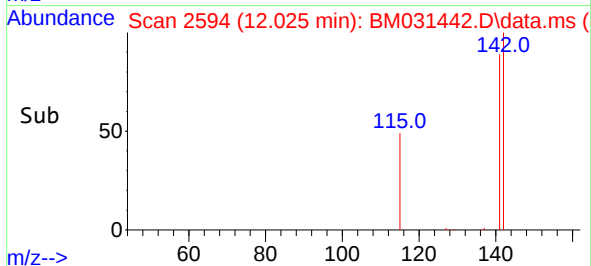
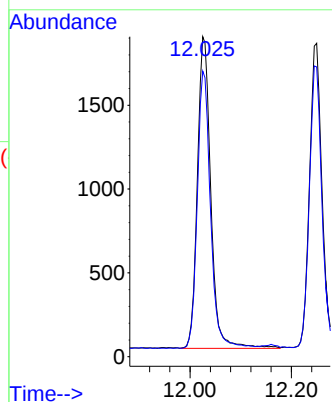
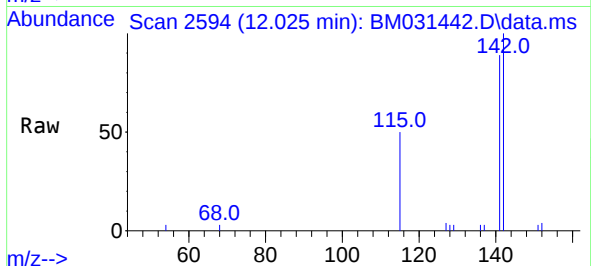




#7
2-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.025 min Scan# 2594
Delta R.T. -0.003 min
Lab File: BM031442.D
Acq: 04 Aug 2021 11:47

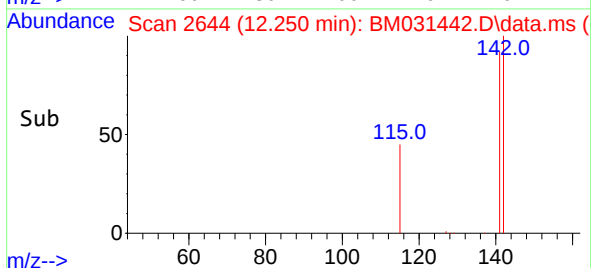
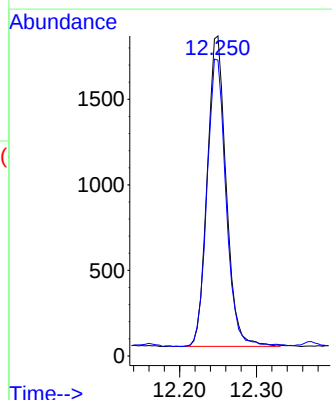
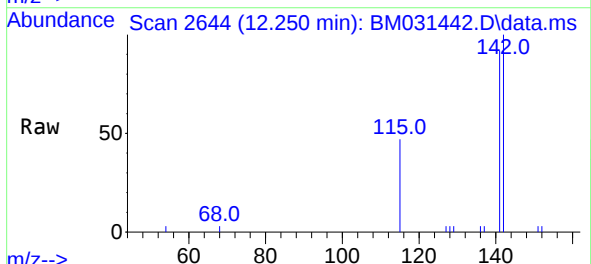
Instrument :
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ClientSampleId :
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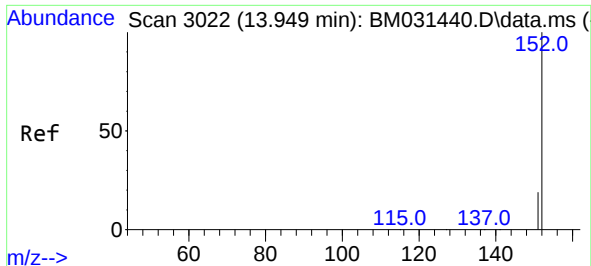
Tgt Ion:142 Resp: 3411
Ion Ratio Lower Upper
142 100
141 87.6 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. 0.001 min
Lab File: BM031442.D
Acq: 04 Aug 2021 11:47

Tgt Ion:142 Resp: 3103
Ion Ratio Lower Upper
142 100
141 93.6 74.1 111.1

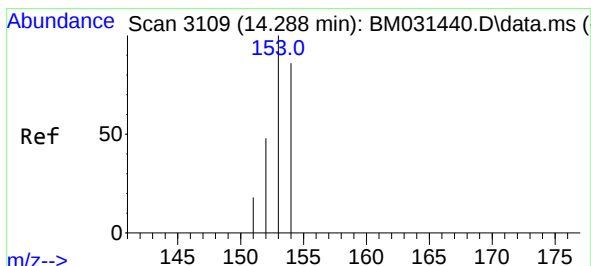
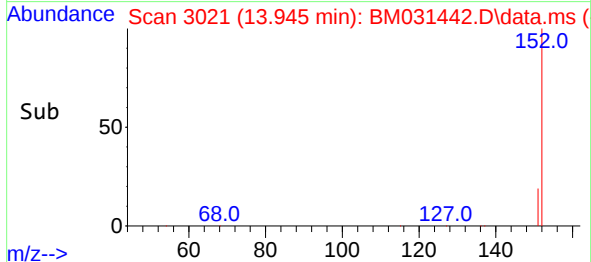
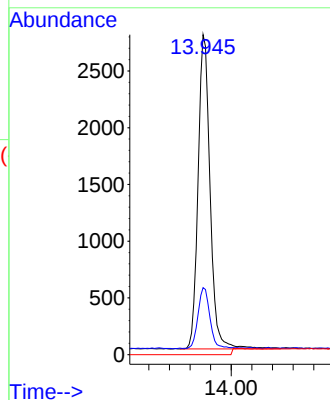
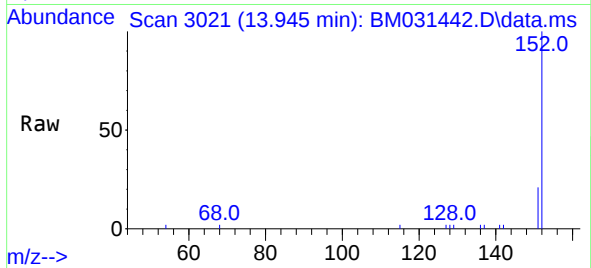




#10
Acenaphthylene
Concen: 0.364 ng/ul
RT: 13.945 min Scan# 3021
Delta R.T. -0.003 min
Lab File: BM031442.D
Acq: 04 Aug 2021 11:47

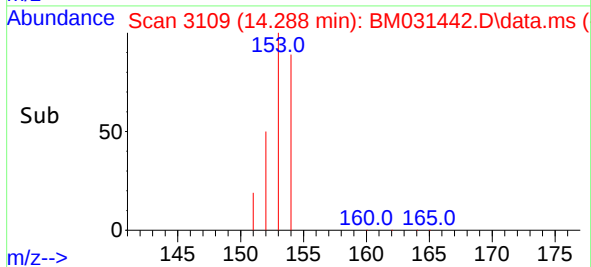
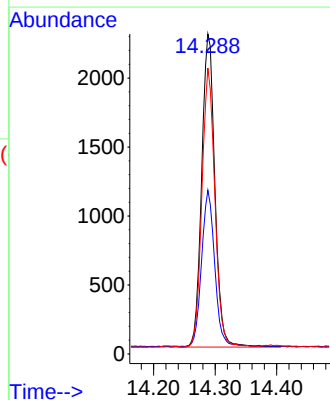
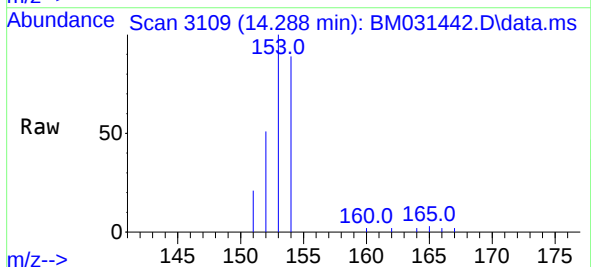
Instrument :
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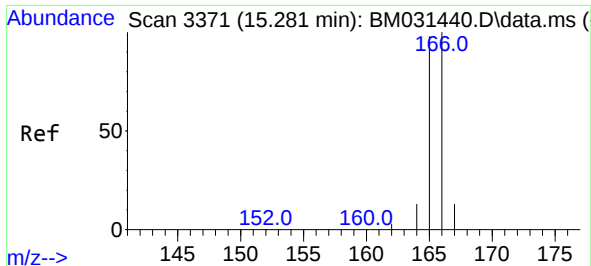
Tgt Ion:152 Resp: 4129
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.356 ng/ul
RT: 14.288 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BM031442.D
Acq: 04 Aug 2021 11:47

Tgt Ion:153 Resp: 3394
Ion Ratio Lower Upper
153 100
152 51.1 40.7 61.1
154 89.4 70.2 105.2

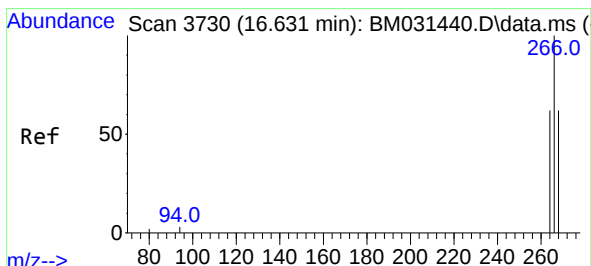
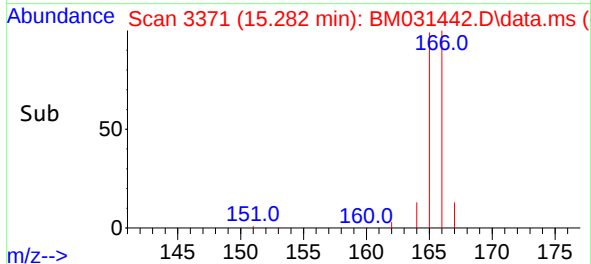
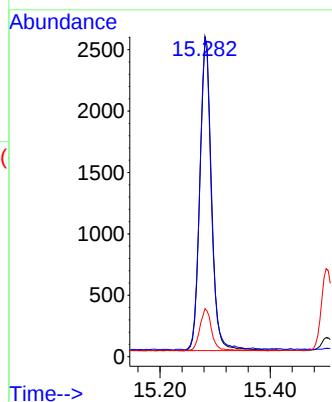
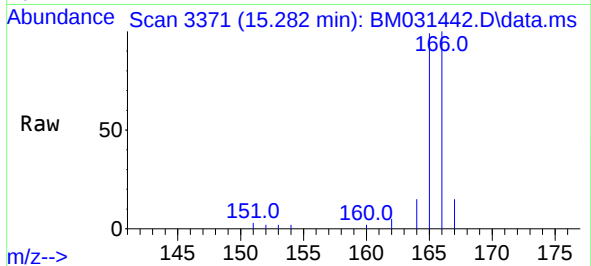




#12
Fluorene
Concen: 0.340 ng/ul
RT: 15.282 min Scan# 3371
Delta R.T. 0.000 min
Lab File: BM031442.D
Acq: 04 Aug 2021 11:47

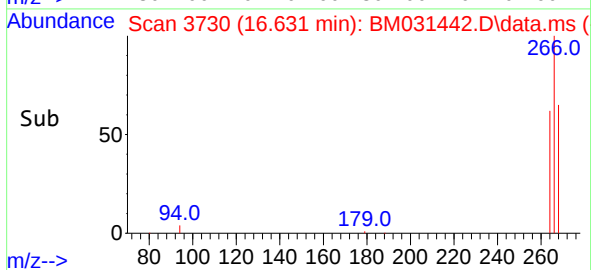
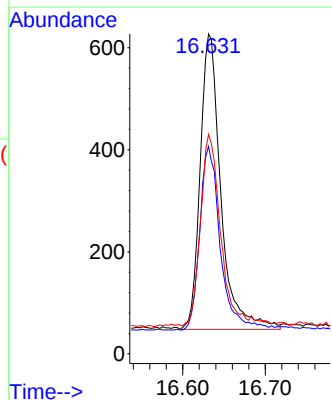
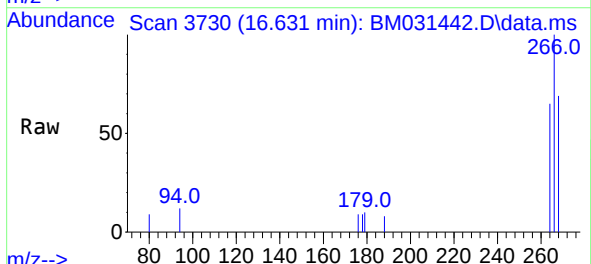
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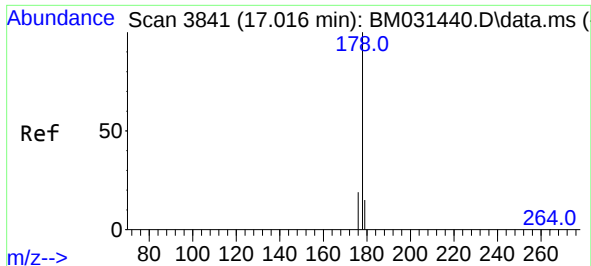
Tgt Ion:	166	Resp:	3731
Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.0	117.0
167	15.0	12.0	18.0



#14
Pentachlorophenol
Concen: 0.612 ng/ul
RT: 16.631 min Scan# 3730
Delta R.T. 0.000 min
Lab File: BM031442.D
Acq: 04 Aug 2021 11:47

Tgt Ion:	266	Resp:	1010
Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.1	75.1
268	63.5	51.3	76.9

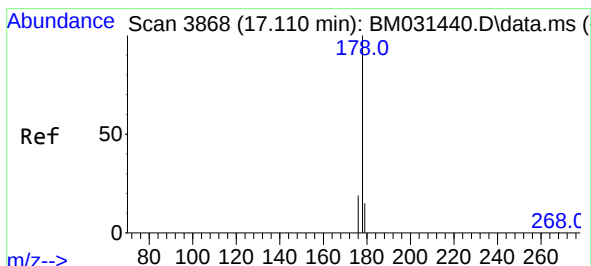
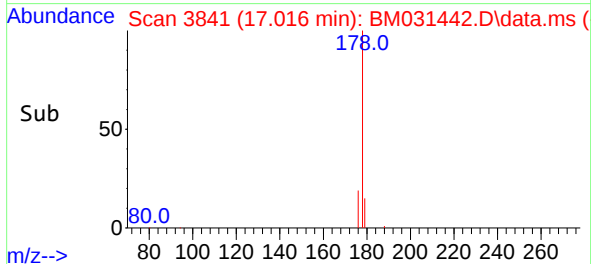
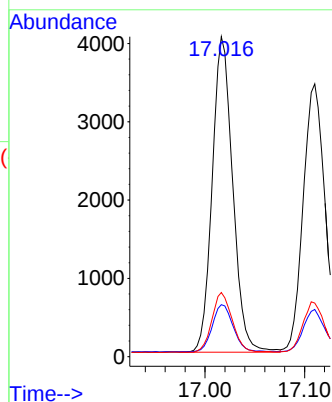
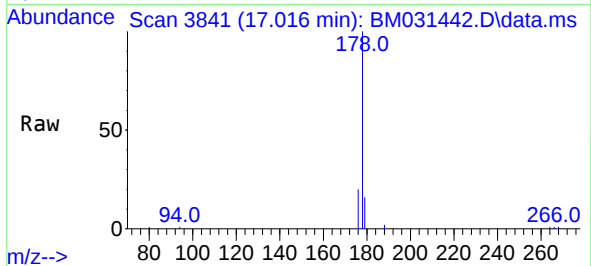




#15
Phenanthrene
Concen: 0.352 ng/ul
RT: 17.016 min Scan# 3841
Delta R.T. 0.000 min
Lab File: BM031442.D
Acq: 04 Aug 2021 11:47

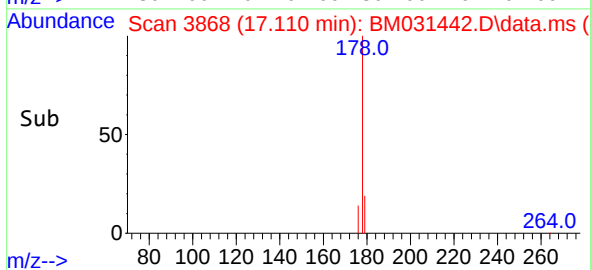
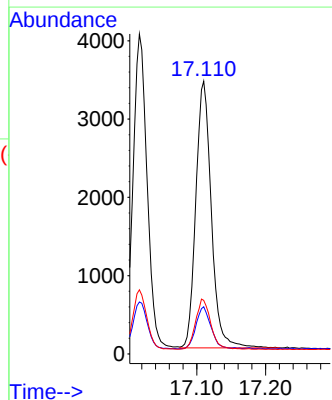
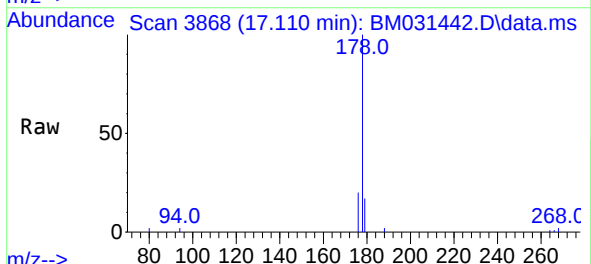
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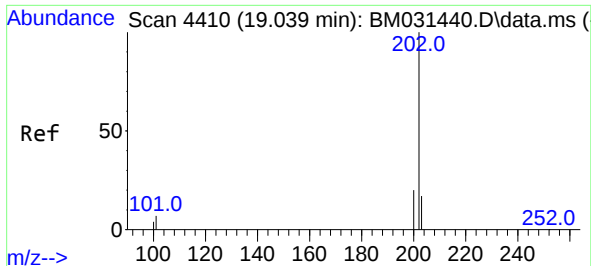
Tgt Ion:	178	Resp:	5771
Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.3	19.9
176	20.1	16.2	24.4



#16
Anthracene
Concen: 0.349 ng/ul
RT: 17.110 min Scan# 3868
Delta R.T. 0.000 min
Lab File: BM031442.D
Acq: 04 Aug 2021 11:47

Tgt Ion:	178	Resp:	5342
Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.0	19.6
176	19.6	15.6	23.4

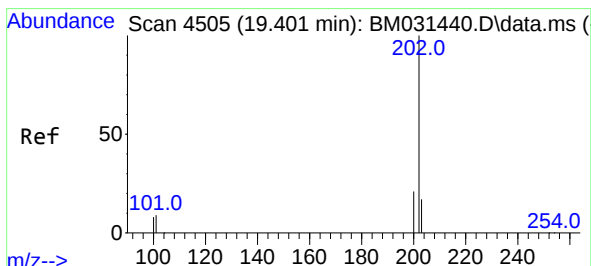
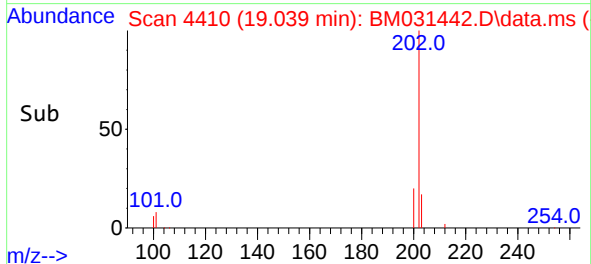
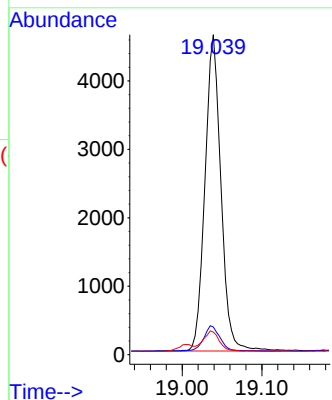
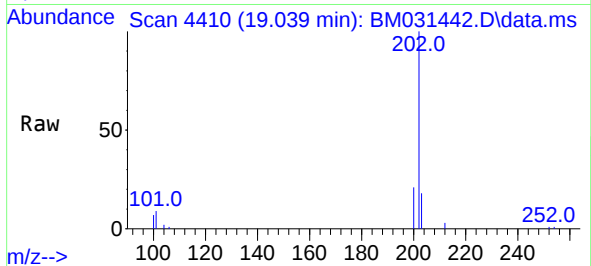




#19
Fluoranthene
Concen: 0.386 ng/u1
RT: 19.039 min Scan# 4410
Delta R.T. 0.000 min
Lab File: BM031442.D
Acq: 04 Aug 2021 11:47

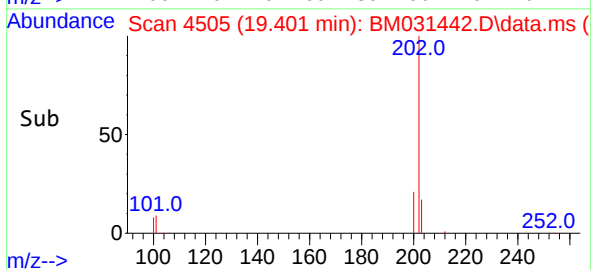
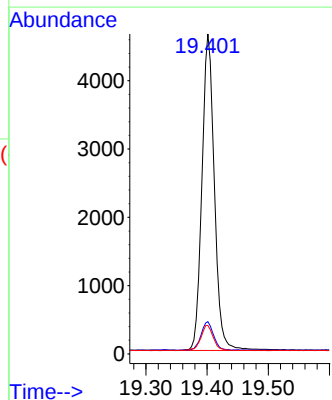
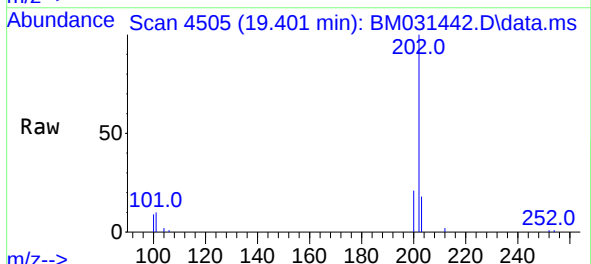
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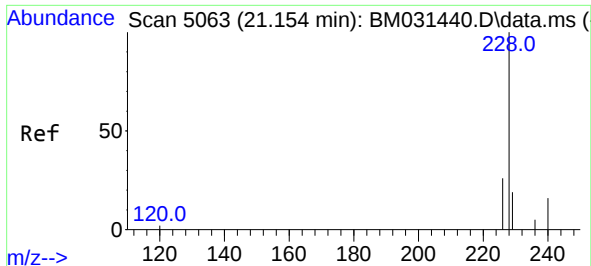
Tgt Ion:	202	Resp:	6414
Ion Ratio	Lower	Upper	
202	100		
101	8.6	6.6	10.0
100	7.0	5.4	8.0



#20
Pyrene
Concen: 0.388 ng/u1
RT: 19.401 min Scan# 4505
Delta R.T. 0.000 min
Lab File: BM031442.D
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Tgt Ion:	202	Resp:	6542
Ion Ratio	Lower	Upper	
202	100		
101	10.1	7.8	11.6
100	8.9	6.6	10.0

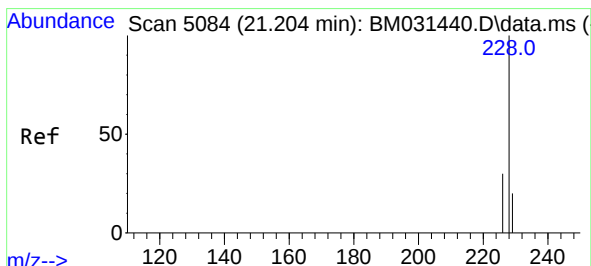
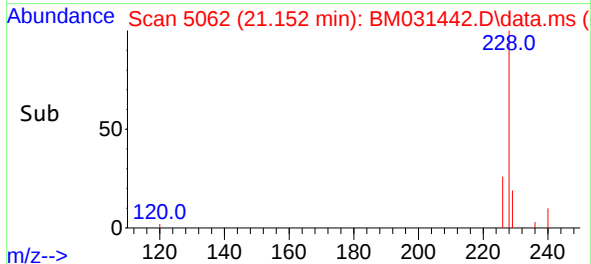
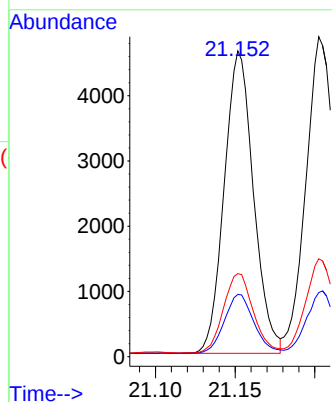
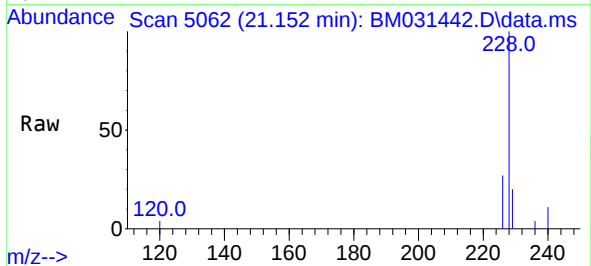




#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.152 min Scan# 5062
Delta R.T. -0.002 min
Lab File: BM031442.D
Acq: 04 Aug 2021 11:47

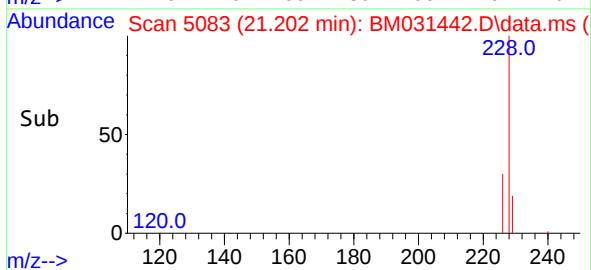
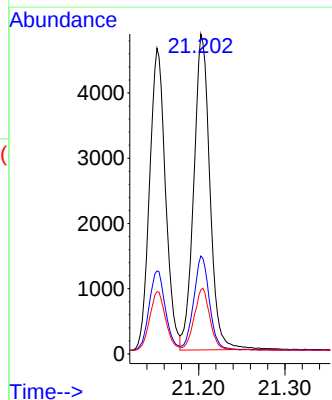
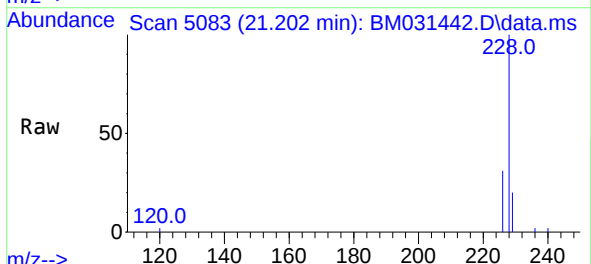
Instrument :
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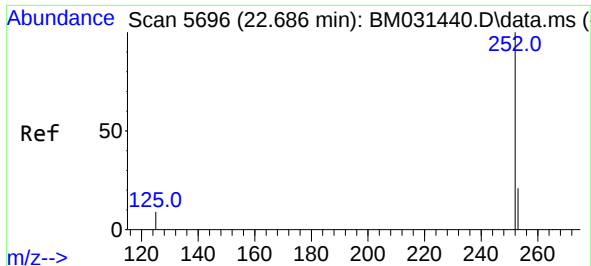
Tgt Ion:228	Resp:	5924
Ion Ratio	Lower	Upper
228	100	
229	20.4	15.6 23.4
226	27.1	21.7 32.5



#22
Chrysene
Concen: 0.387 ng/ul
RT: 21.202 min Scan# 5083
Delta R.T. -0.002 min
Lab File: BM031442.D
Acq: 04 Aug 2021 11:47

Tgt Ion:228	Resp:	6297
Ion Ratio	Lower	Upper
228	100	
226	30.6	24.7 37.1
229	20.0	16.2 24.2

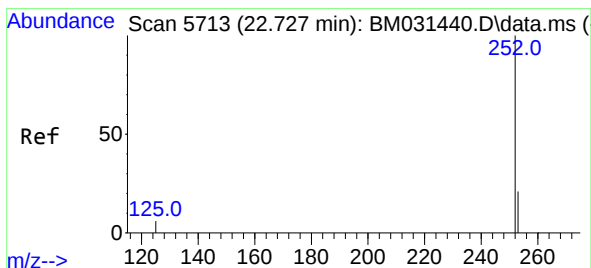
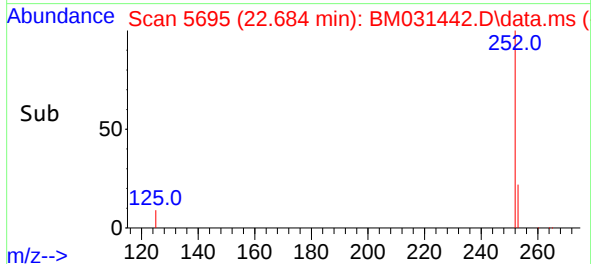
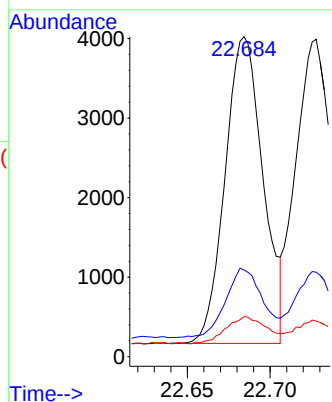
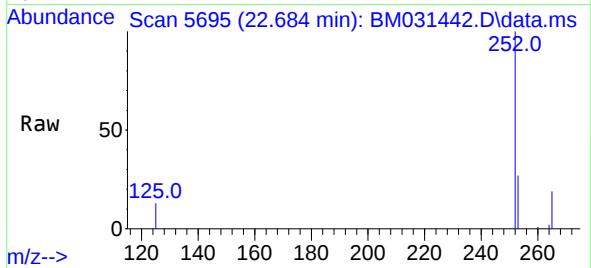




#24
Benzo(b)fluoranthene
Concen: 0.382 ng/ul
RT: 22.684 min Scan# 5695
Delta R.T. -0.002 min
Lab File: BM031442.D
Acq: 04 Aug 2021 11:47

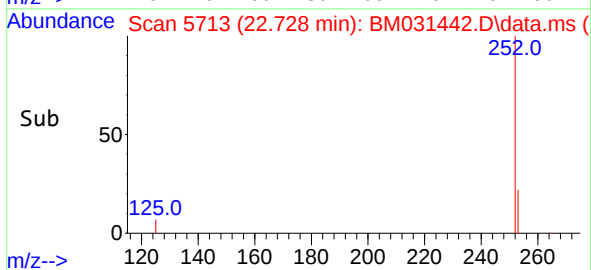
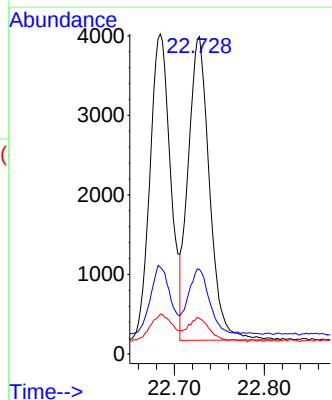
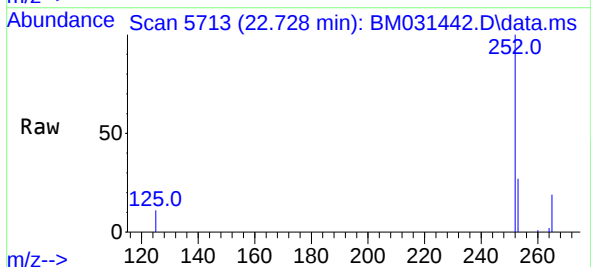
Instrument :
BNA_M
ClientSampleId :
SLCS942

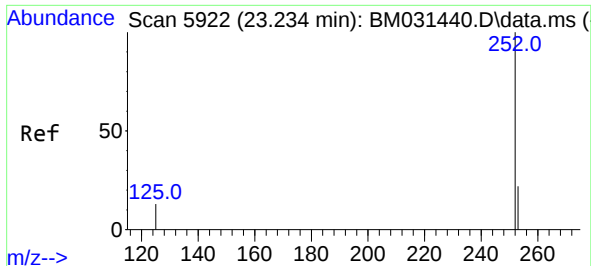
Tgt Ion:252	Resp:	6156
Ion Ratio	Lower	Upper
252	100	
253	27.1	0.0 53.0
125	12.5	0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.377 ng/ul
RT: 22.728 min Scan# 5713
Delta R.T. 0.000 min
Lab File: BM031442.D
Acq: 04 Aug 2021 11:47

Tgt Ion:252	Resp:	6278
Ion Ratio	Lower	Upper
252	100	
253	26.6	21.3 31.9
125	11.2	8.8 13.2

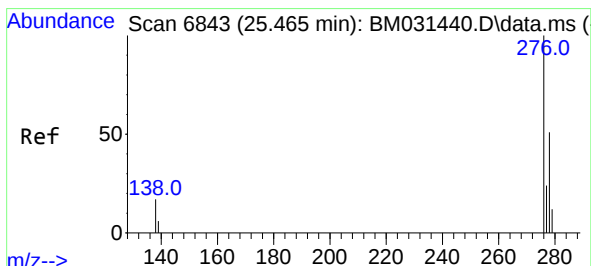
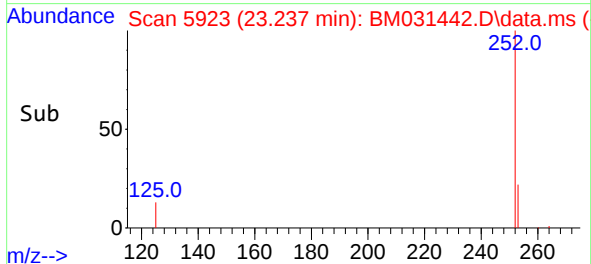
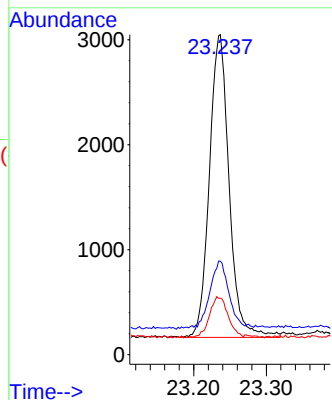
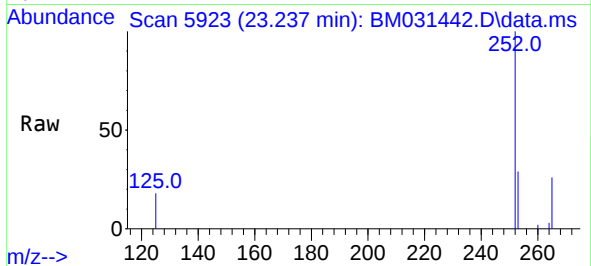




#26
Benzo(a)pyrene
Concen: 0.386 ng/ul
RT: 23.237 min Scan# 5923
Delta R.T. 0.003 min
Lab File: BM031442.D
Acq: 04 Aug 2021 11:47

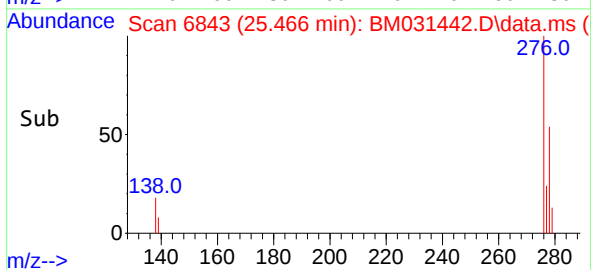
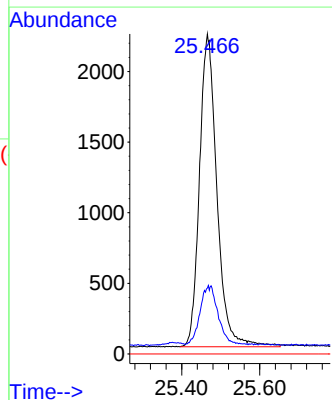
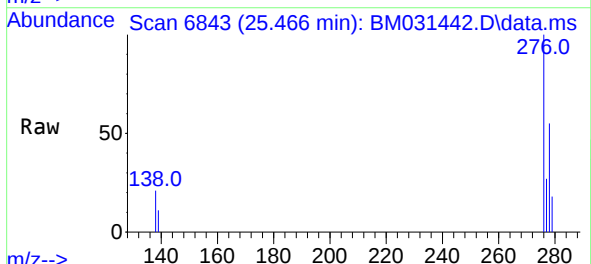
Instrument :
BNA_M
ClientSampleId :
SLCS942

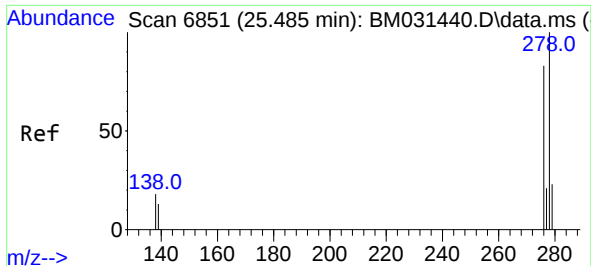
Tgt Ion:252	Resp:	5448
Ion Ratio	Lower	Upper
252	100	
253	29.2	22.4 33.6
125	17.7	13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng/ul
RT: 25.466 min Scan# 6843
Delta R.T. 0.000 min
Lab File: BM031442.D
Acq: 04 Aug 2021 11:47

Tgt Ion:276	Resp:	6870
Ion Ratio	Lower	Upper
276	100	
138	19.6	15.8 23.8
227	0.0	0.0 0.0

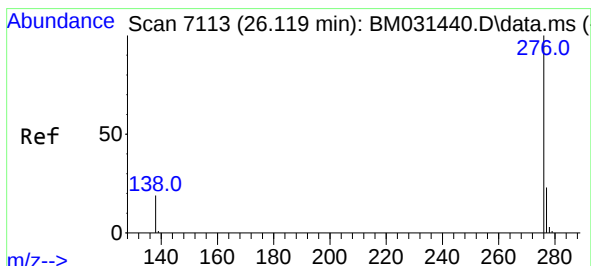
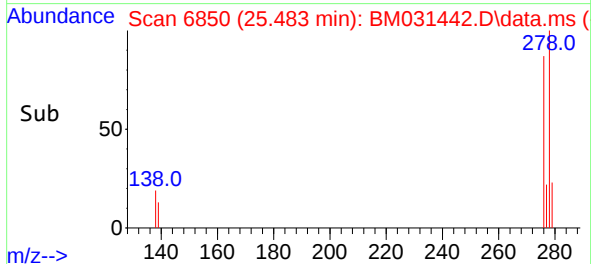
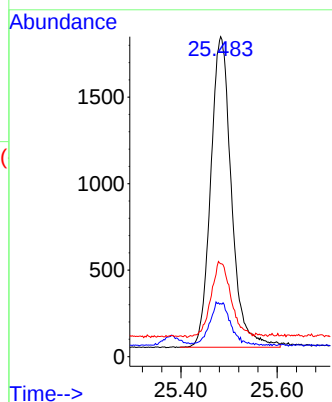
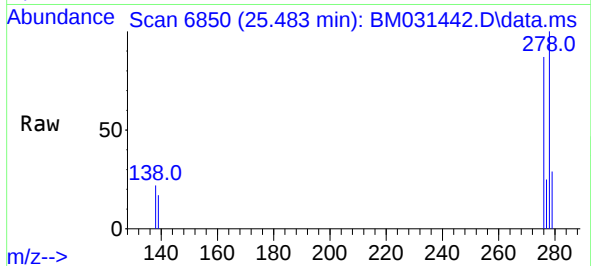




#28
Dibenzo(a,h)anthracene
Concen: 0.365 ng/ul
RT: 25.483 min Scan# 6850
Delta R.T. -0.002 min
Lab File: BM031442.D
Acq: 04 Aug 2021 11:47

Instrument :
BNA_M
ClientSampleId :
SLCS942

Tgt Ion:	278	Resp:	5377
Ion Ratio	Lower	Upper	
278	100		
139	16.6	13.3	19.9
279	29.0	22.8	34.2



#29
Benzo(g,h,i)perylene
Concen: 0.381 ng/ul
RT: 26.120 min Scan# 7113
Delta R.T. 0.000 min
Lab File: BM031442.D
Acq: 04 Aug 2021 11:47

Tgt Ion:	276	Resp:	5928
Ion Ratio	Lower	Upper	
276	100		
138	19.5	15.4	23.2
277	27.2	19.9	29.9

