

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012622\
 Data File : BM033902.D
 Acq On : 27 Jan 2022 14:55
 Operator : CG/JU
 Sample : PB142306BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS306

Quant Time: Jan 28 01:50:51 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 24 15:20:03 2022
 Response via : Initial Calibration

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

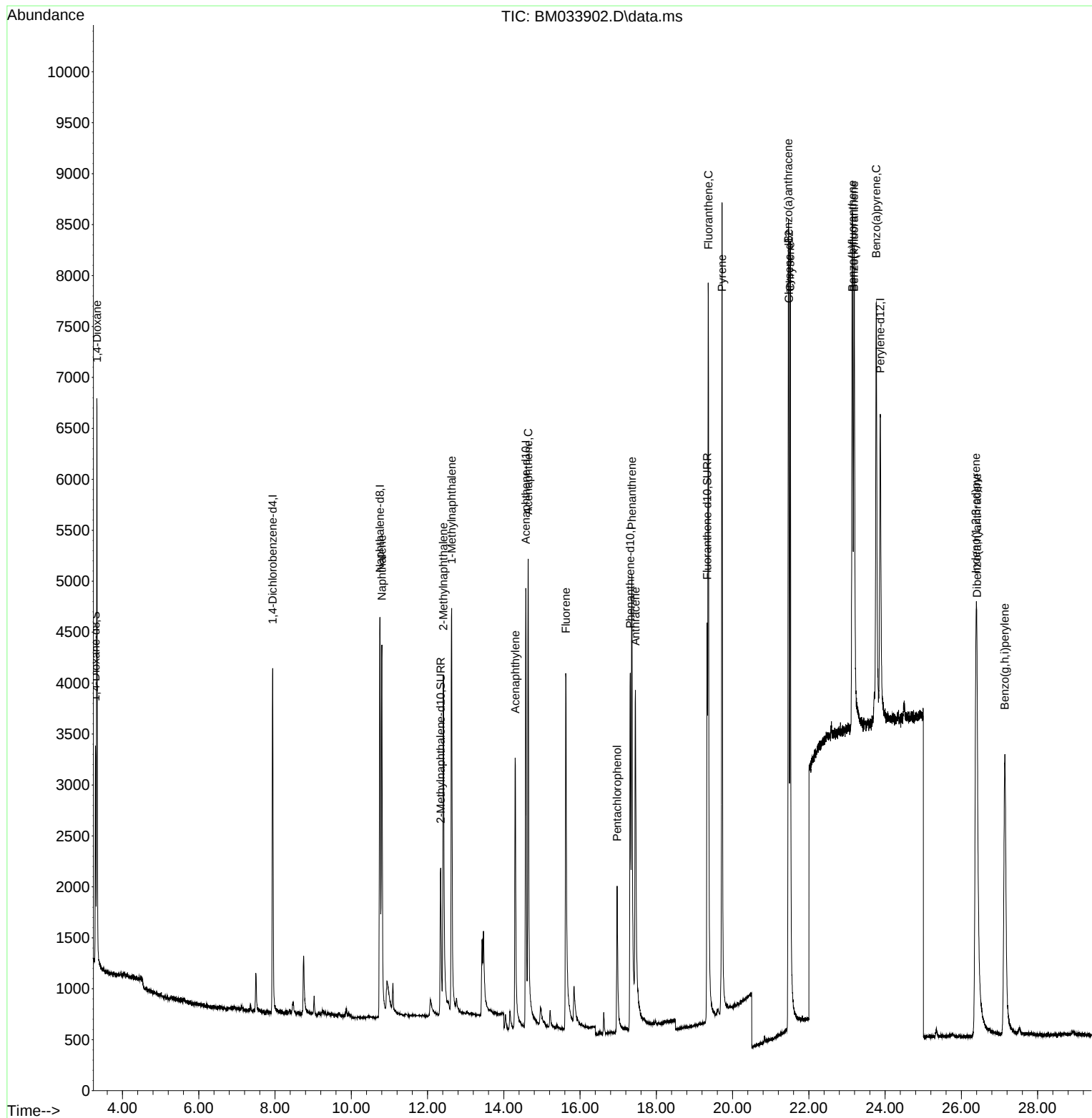
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	1852	0.400	ng/ul	0.00
4) Naphthalene-d8	10.751	136	6300	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.576	164	2805	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	5594	0.400	ng/ul	0.00
17) Chrysene-d12	21.477	240	4808	0.400	ng/ul #	0.00
23) Perylene-d12	23.873	264	4699	0.400	ng/ul #-	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	1293	0.668	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	2720	0.313	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	5199	0.351	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.330	88	3227	1.592	ng/ul#	78
5) Naphthalene	10.801	128	5670	0.327	ng/ul#	90
7) 2-Methylnaphthalene	12.416	142	3274	0.291	ng/ul	98
8) 1-Methylnaphthalene	12.631	142	3206	0.291	ng/ul	99
10) Acenaphthylene	14.299	152	4385	0.350	ng/ul	93
11) Acenaphthene	14.640	153	3210	0.320	ng/ul	97
12) Fluorene	15.630	166	3610	0.315	ng/ul	97
14) Pentachlorophenol	16.972	266	1354	0.527	ng/ul	98
15) Phenanthrene	17.358	178	5856	0.329	ng/ul	98
16) Anthracene	17.451	178	5234	0.314	ng/ul	96
19) Fluoranthene	19.365	202	7332	0.335	ng/ul	99
20) Pyrene	19.723	202	7684	0.342	ng/ul#	94
21) Benzo(a)anthracene	21.463	228	6367	0.324	ng/ul	99
22) Chrysene	21.514	228	7640	0.367	ng/ul	98
24) Benzo(b)fluoranthene	23.141	252	7394	0.350	ng/ul	94
25) Benzo(k)fluoranthene	23.187	252	7886	0.373	ng/ul#	94
26) Benzo(a)pyrene	23.769	252	7102	0.388	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.385	276	8486	0.349	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.410	278	6707	0.349	ng/ul	97
29) Benzo(g,h,i)perylene	27.141	276	7766	0.376	ng/ul	96

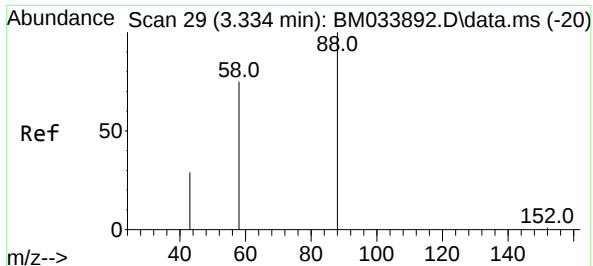
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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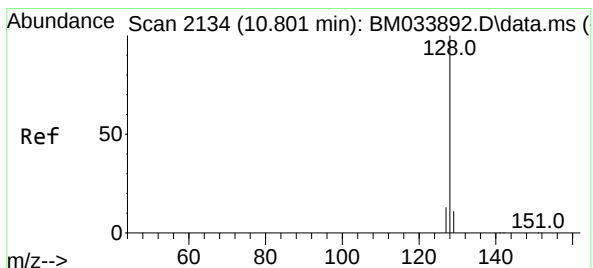
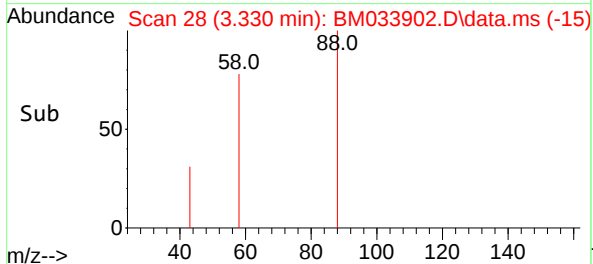
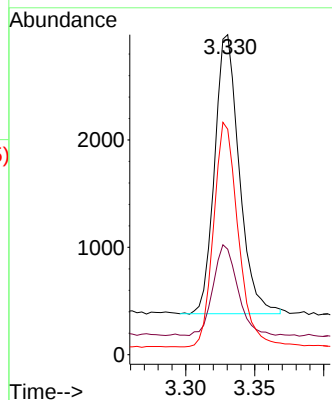
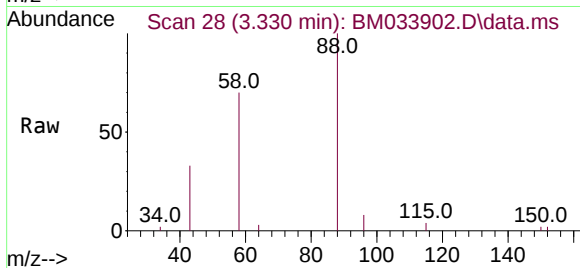




#2
1,4-Dioxane
Concen: 1.592 ng/ul
RT: 3.330 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM033902.D
Acq: 27 Jan 2022 14:55

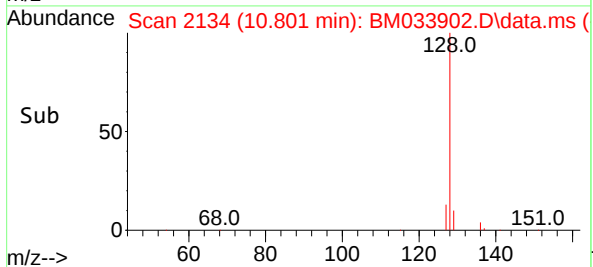
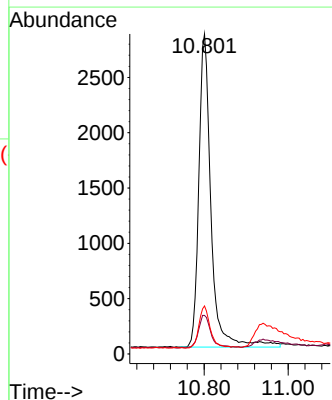
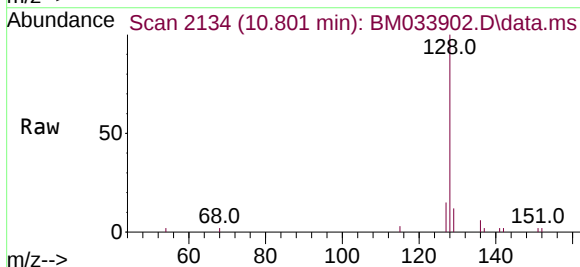
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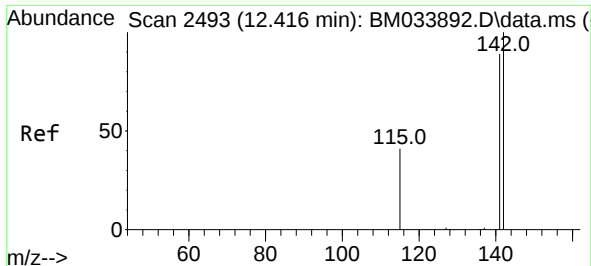
Tgt Ion: 88 Resp: 3227
Ion Ratio Lower Upper
88 100
43 32.9 49.7 74.5#
58 70.4 52.5 78.7



#5
Naphthalene
Concen: 0.327 ng/ul
RT: 10.801 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BM033902.D
Acq: 27 Jan 2022 14:55

Tgt Ion: 128 Resp: 5670
Ion Ratio Lower Upper
128 100
129 12.0 13.4 20.2#
127 15.0 15.2 22.8#

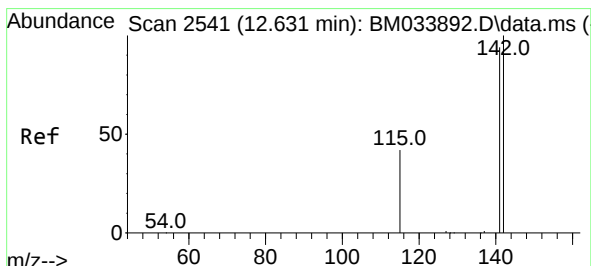
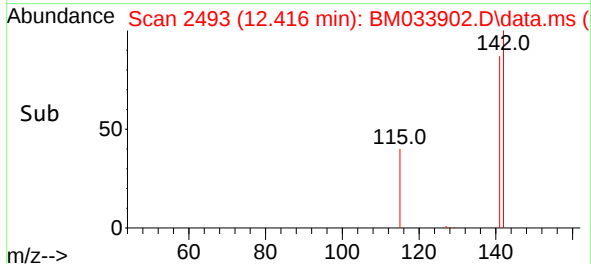
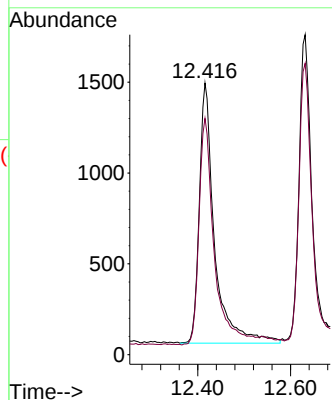
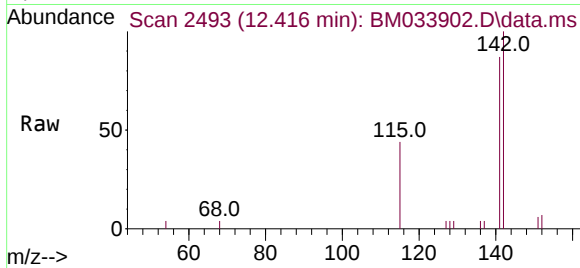




#7
2-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.416 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM033902.D
Acq: 27 Jan 2022 14:55

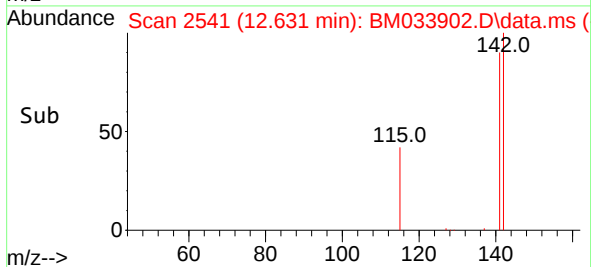
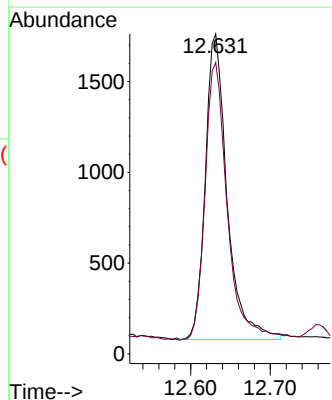
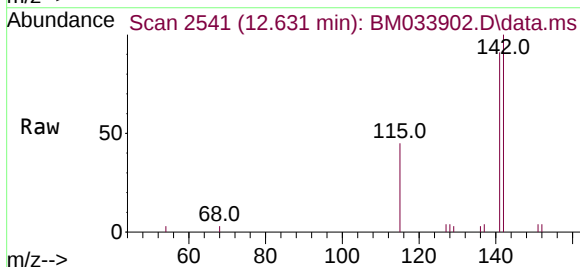
Instrument :
BNA_M
ClientSampleId :
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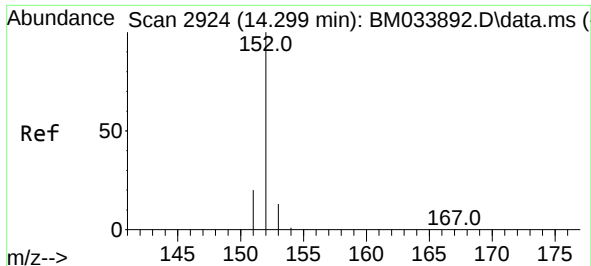
Tgt Ion:142 Resp: 3274
Ion Ratio Lower Upper
142 100
141 91.1 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.631 min Scan# 2541
Delta R.T. -0.005 min
Lab File: BM033902.D
Acq: 27 Jan 2022 14:55

Tgt Ion:142 Resp: 3206
Ion Ratio Lower Upper
142 100
141 92.7 75.0 112.4

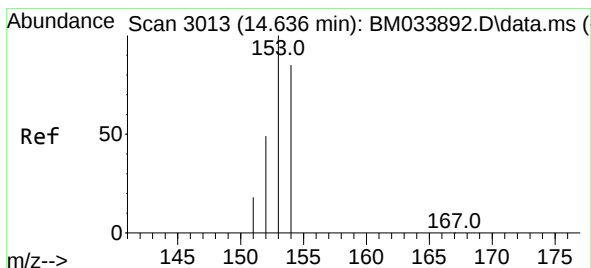
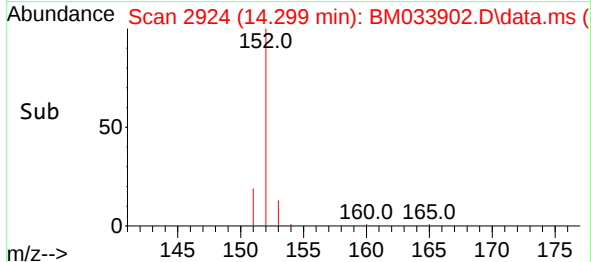
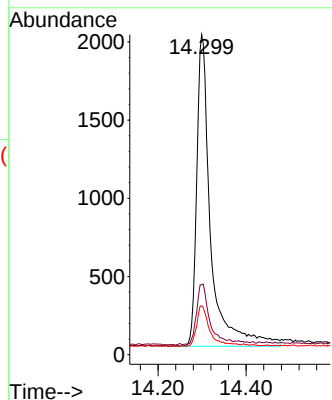
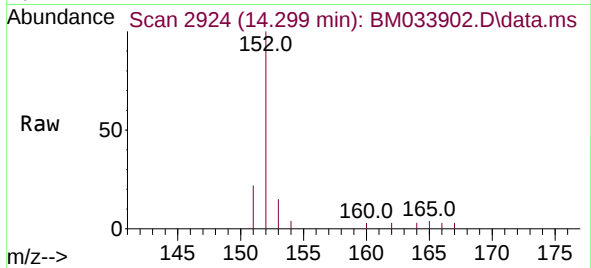




#10
Acenaphthylene
Concen: 0.350 ng/ul
RT: 14.299 min Scan# 2924
Delta R.T. -0.004 min
Lab File: BM033902.D
Acq: 27 Jan 2022 14:55

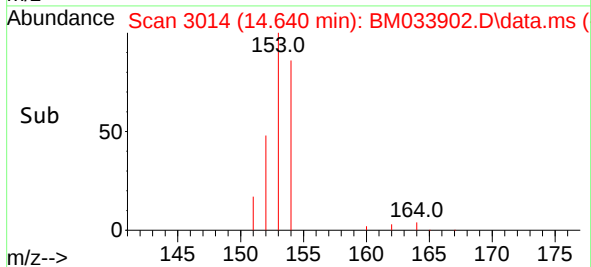
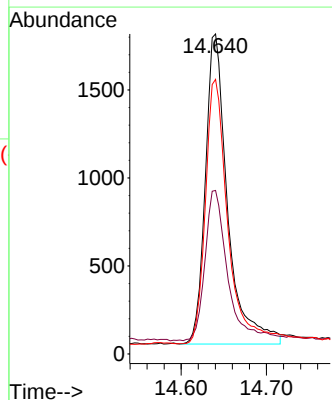
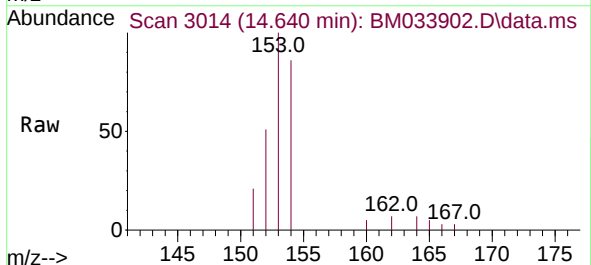
Instrument :
BNA_M
ClientSampleId :
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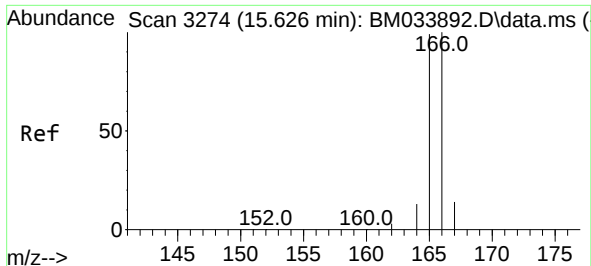
Tgt Ion:152	Resp:	4385
Ion Ratio	Lower	Upper
152	100	
151	21.8	19.9 29.9
153	15.3	15.0 22.4



#11
Acenaphthene
Concen: 0.320 ng/ul
RT: 14.640 min Scan# 3014
Delta R.T. -0.004 min
Lab File: BM033902.D
Acq: 27 Jan 2022 14:55

Tgt Ion:153	Resp:	3210
Ion Ratio	Lower	Upper
153	100	
152	51.1	42.4 63.6
154	85.8	66.2 99.2

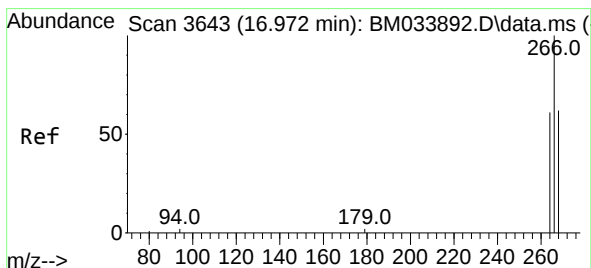
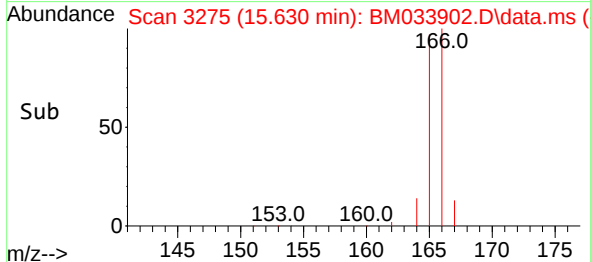
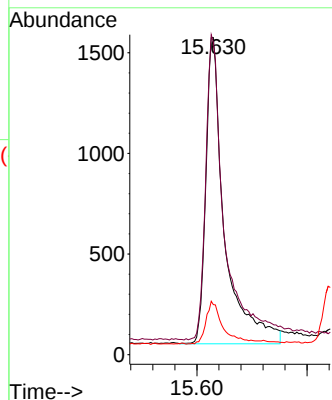
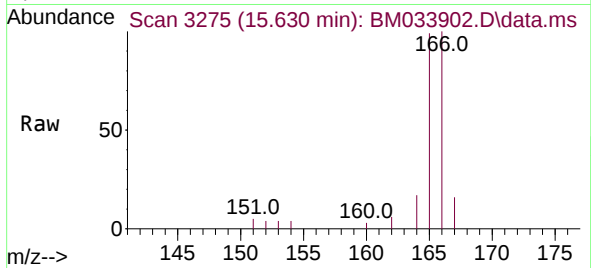




#12
Fluorene
Concen: 0.315 ng/ul
RT: 15.630 min Scan# 31
Delta R.T. 0.004 min
Lab File: BM033902.D
Acq: 27 Jan 2022 14:55

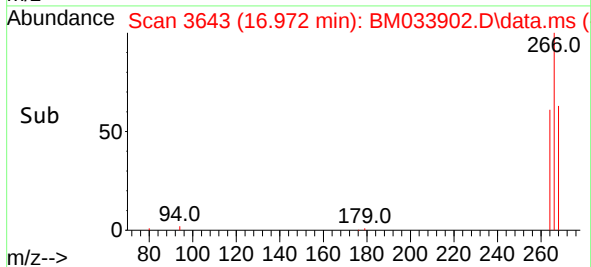
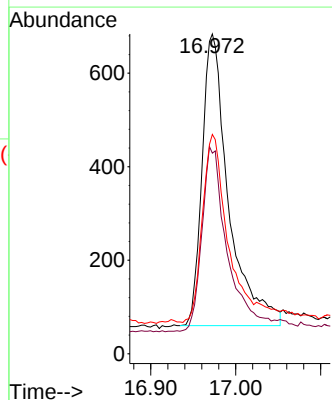
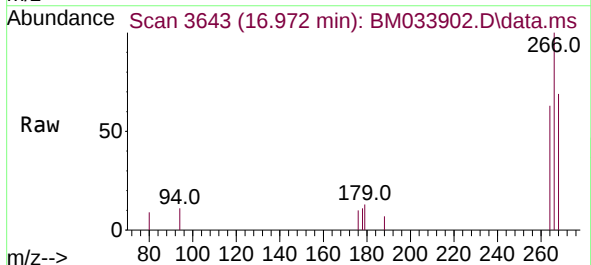
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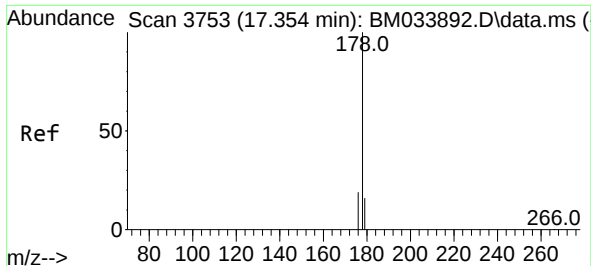
Tgt Ion:166 Resp: 3610
Ion Ratio Lower Upper
166 100
165 98.5 81.1 121.7
167 15.8 14.9 22.3



#14
Pentachlorophenol
Concen: 0.527 ng/ul
RT: 16.972 min Scan# 3643
Delta R.T. -0.000 min
Lab File: BM033902.D
Acq: 27 Jan 2022 14:55

Tgt Ion:266 Resp: 1354
Ion Ratio Lower Upper
266 100
264 62.4 51.4 77.0
268 64.3 53.1 79.7

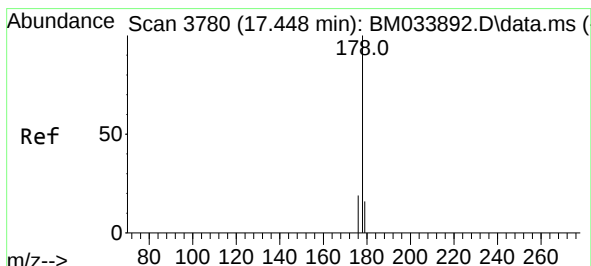
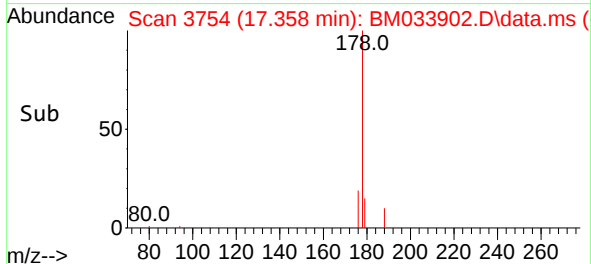
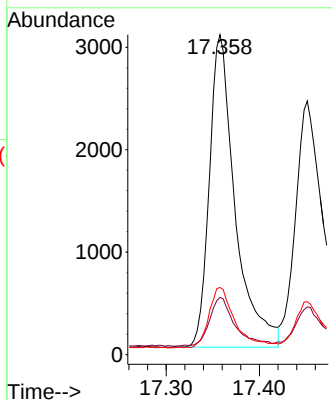
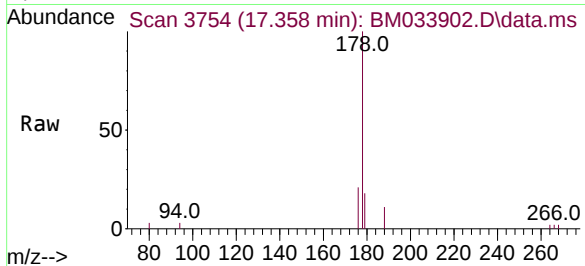




#15
Phenanthrene
Concen: 0.329 ng/ul
RT: 17.358 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM033902.D
Acq: 27 Jan 2022 14:55

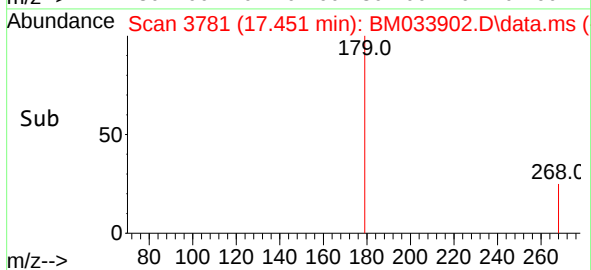
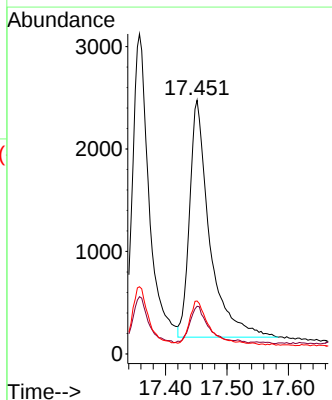
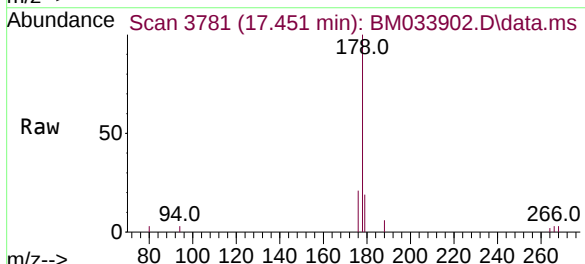
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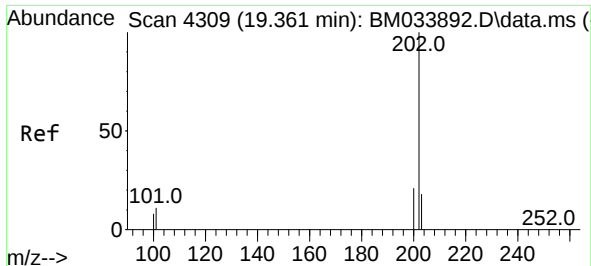
Tgt Ion:	178	Resp:	5856
Ion Ratio	Lower	Upper	
178	100		
179	17.9	15.0	22.6
176	21.0	17.9	26.9



#16
Anthracene
Concen: 0.314 ng/ul
RT: 17.451 min Scan# 3781
Delta R.T. -0.000 min
Lab File: BM033902.D
Acq: 27 Jan 2022 14:55

Tgt Ion:	178	Resp:	5234
Ion Ratio	Lower	Upper	
178	100		
179	18.8	16.5	24.7
176	20.9	18.3	27.5

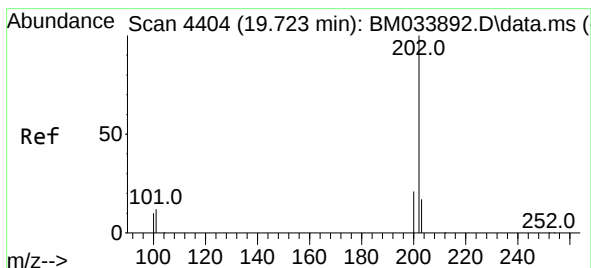
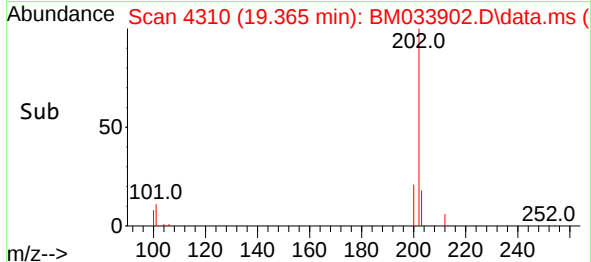
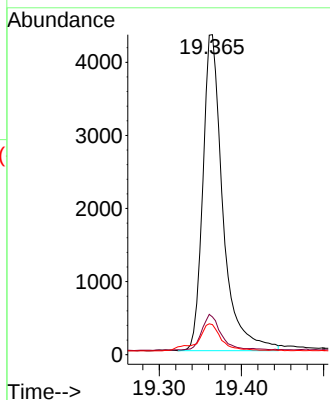
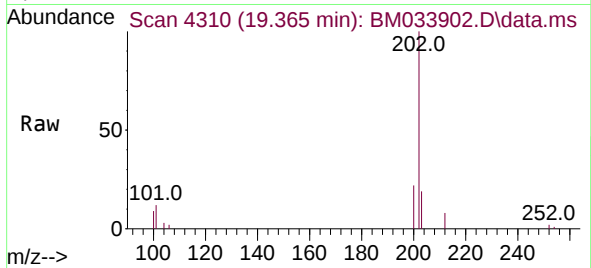




#19
Fluoranthene
Concen: 0.335 ng/u1
RT: 19.365 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM033902.D
Acq: 27 Jan 2022 14:55

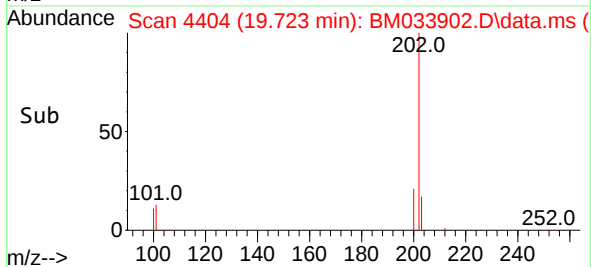
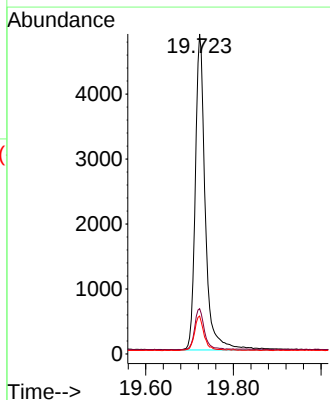
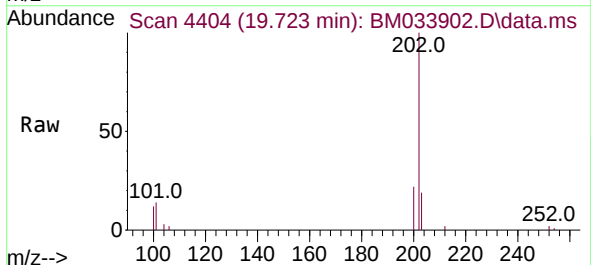
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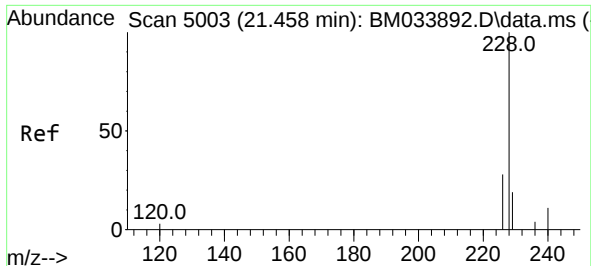
Tgt Ion:202 Resp: 7332
Ion Ratio Lower Upper
202 100
101 11.8 9.2 13.8
100 9.4 7.2 10.8



#20
Pyrene
Concen: 0.342 ng/u1
RT: 19.723 min Scan# 4404
Delta R.T. -0.004 min
Lab File: BM033902.D
Acq: 27 Jan 2022 14:55

Tgt Ion:202 Resp: 7684
Ion Ratio Lower Upper
202 100
101 14.1 9.3 13.9#
100 11.8 7.8 11.6#

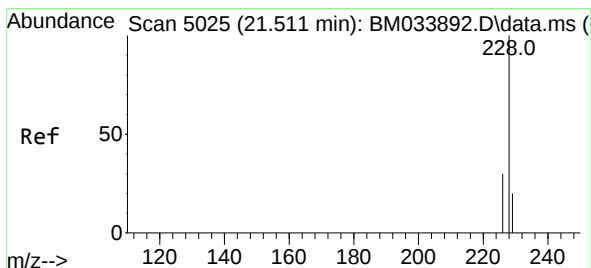
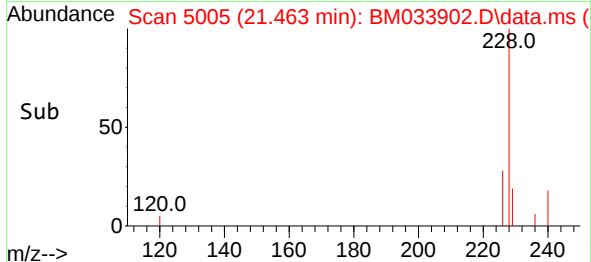
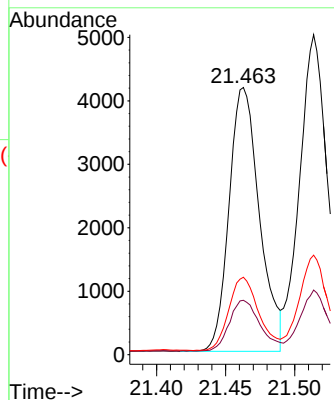
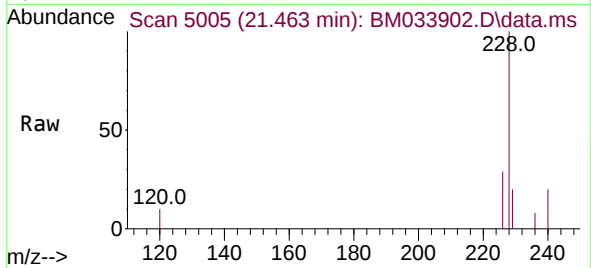




#21
Benzo(a)anthracene
Concen: 0.324 ng/ul
RT: 21.463 min Scan# 5005
Delta R.T. -0.005 min
Lab File: BM033902.D
Acq: 27 Jan 2022 14:55

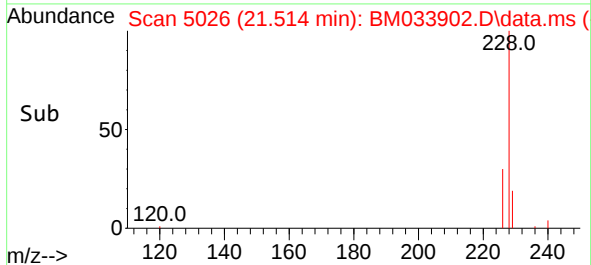
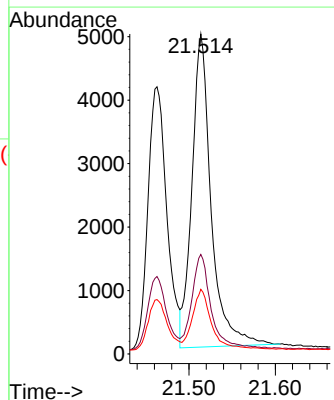
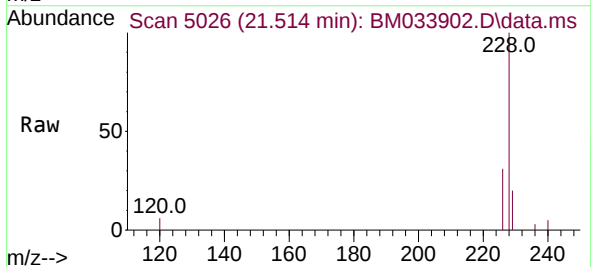
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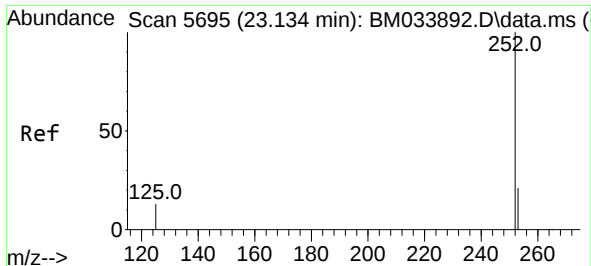
Tgt Ion:228 Resp: 6367
Ion Ratio Lower Upper
228 100
229 20.4 17.3 25.9
226 29.0 23.2 34.8



#22
Chrysene
Concen: 0.367 ng/ul
RT: 21.514 min Scan# 5026
Delta R.T. -0.007 min
Lab File: BM033902.D
Acq: 27 Jan 2022 14:55

Tgt Ion:228 Resp: 7640
Ion Ratio Lower Upper
228 100
226 31.1 25.8 38.8
229 20.2 16.7 25.1

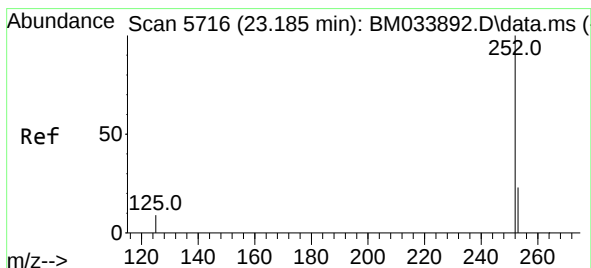
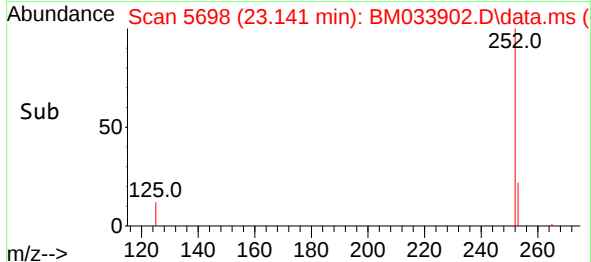
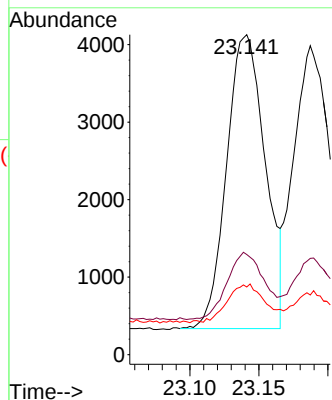
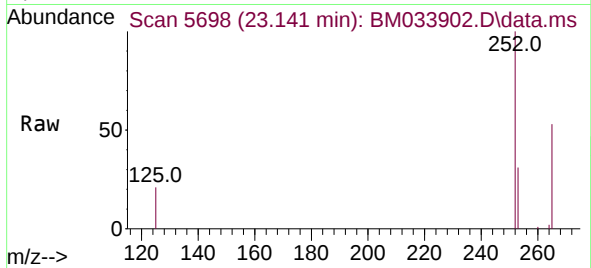




#24
Benzo(b)fluoranthene
Concen: 0.350 ng/ul
RT: 23.141 min Scan# 5698
Delta R.T. -0.010 min
Lab File: BM033902.D
Acq: 27 Jan 2022 14:55

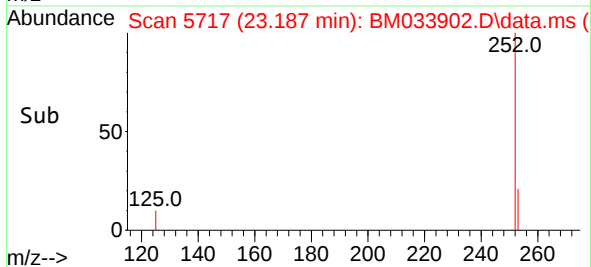
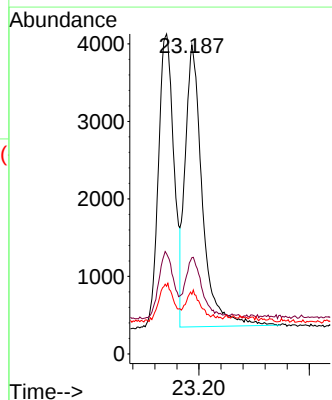
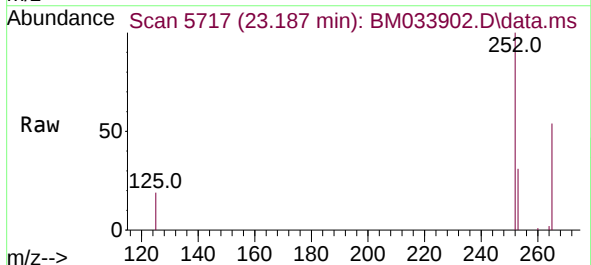
Instrument :
BNA_M
ClientSampleId :
SLCS306

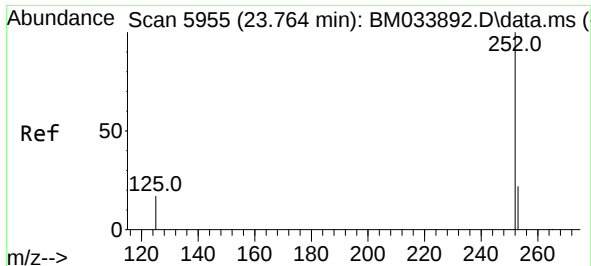
Tgt Ion:252 Resp: 7394
Ion Ratio Lower Upper
252 100
253 31.3 0.0 64.2
125 21.2 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul
RT: 23.187 min Scan# 5717
Delta R.T. -0.012 min
Lab File: BM033902.D
Acq: 27 Jan 2022 14:55

Tgt Ion:252 Resp: 7886
Ion Ratio Lower Upper
252 100
253 31.2 26.8 40.2
125 19.3 12.0 18.0#

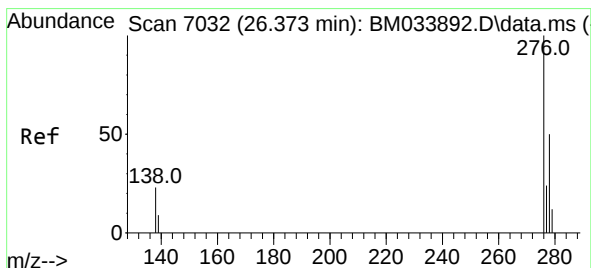
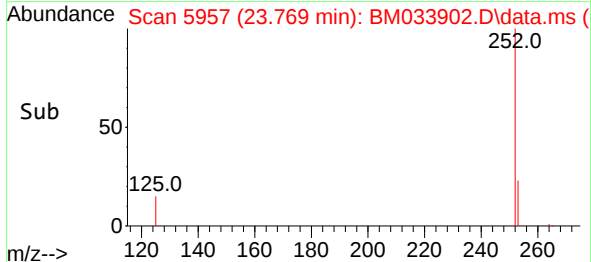
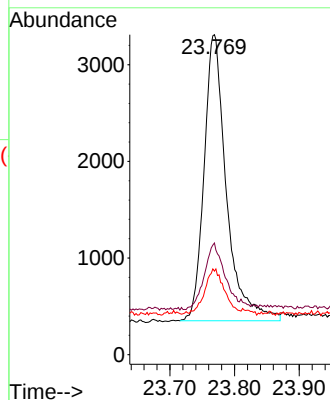
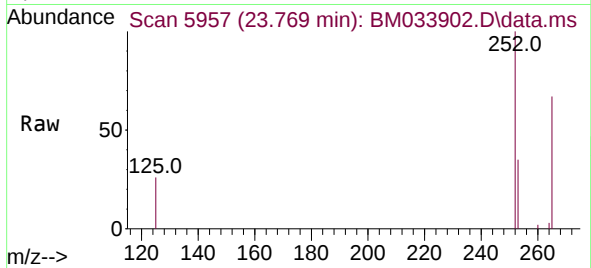




#26
Benzo(a)pyrene
Concen: 0.388 ng/ul
RT: 23.769 min Scan# 5957
Delta R.T. -0.010 min
Lab File: BM033902.D
Acq: 27 Jan 2022 14:55

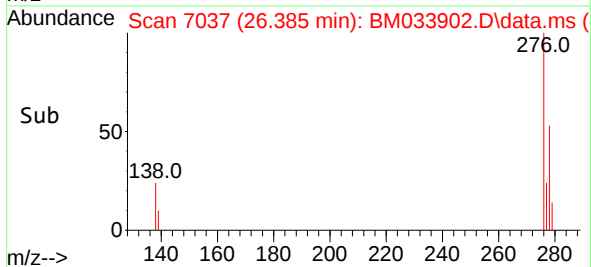
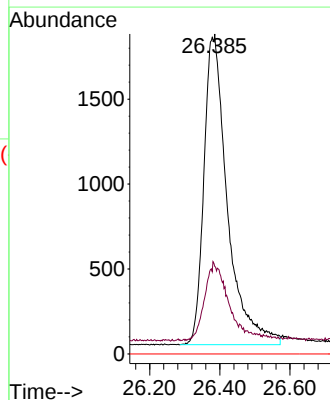
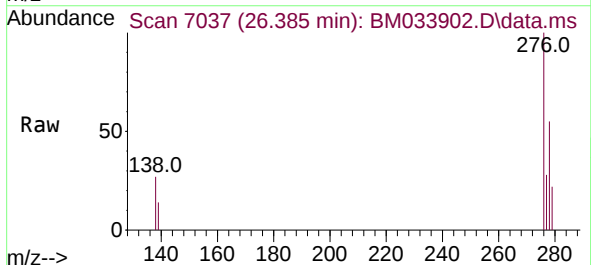
Instrument :
BNA_M
ClientSampleId :
SLCS306

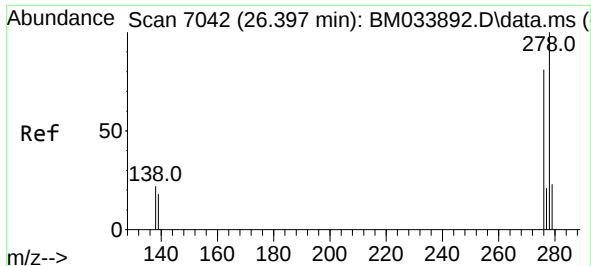
Tgt Ion:252 Resp: 7102
Ion Ratio Lower Upper
252 100
253 34.9 32.0 48.0
125 26.1 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 26.385 min Scan# 7037
Delta R.T. -0.010 min
Lab File: BM033902.D
Acq: 27 Jan 2022 14:55

Tgt Ion:276 Resp: 8486
Ion Ratio Lower Upper
276 100
138 25.6 15.8 23.6#
227 0.0 0.0 0.0

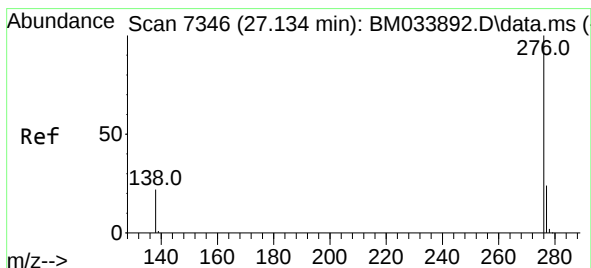
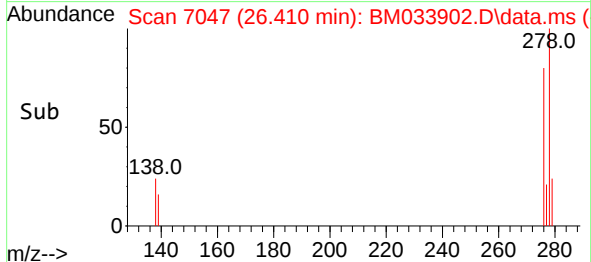
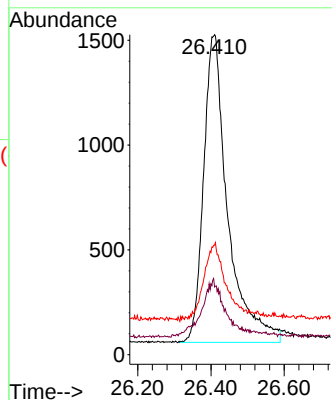
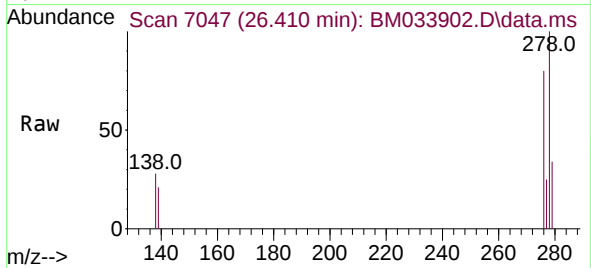




#28
Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 26.410 min Scan# 7042
Delta R.T. -0.003 min
Lab File: BM033902.D
Acq: 27 Jan 2022 14:55

Instrument :
BNA_M
ClientSampleId :
SLCS306

Tgt Ion:278 Resp: 6707
Ion Ratio Lower Upper
278 100
139 21.2 18.0 27.0
279 34.2 28.6 42.8



#29
Benzo(g,h,i)perylene
Concen: 0.376 ng/ul
RT: 27.141 min Scan# 7349
Delta R.T. -0.022 min
Lab File: BM033902.D
Acq: 27 Jan 2022 14:55

Tgt Ion:276 Resp: 7766
Ion Ratio Lower Upper
276 100
138 25.4 17.4 26.0
277 27.2 22.6 33.8

