

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111321\
 Data File : BM033073.D
 Acq On : 14 Nov 2021 10:59
 Operator : CG/JU
 Sample : PB140482BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS482

Quant Time: Nov 15 03:45:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:11:31 2021
 Response via : Initial Calibration

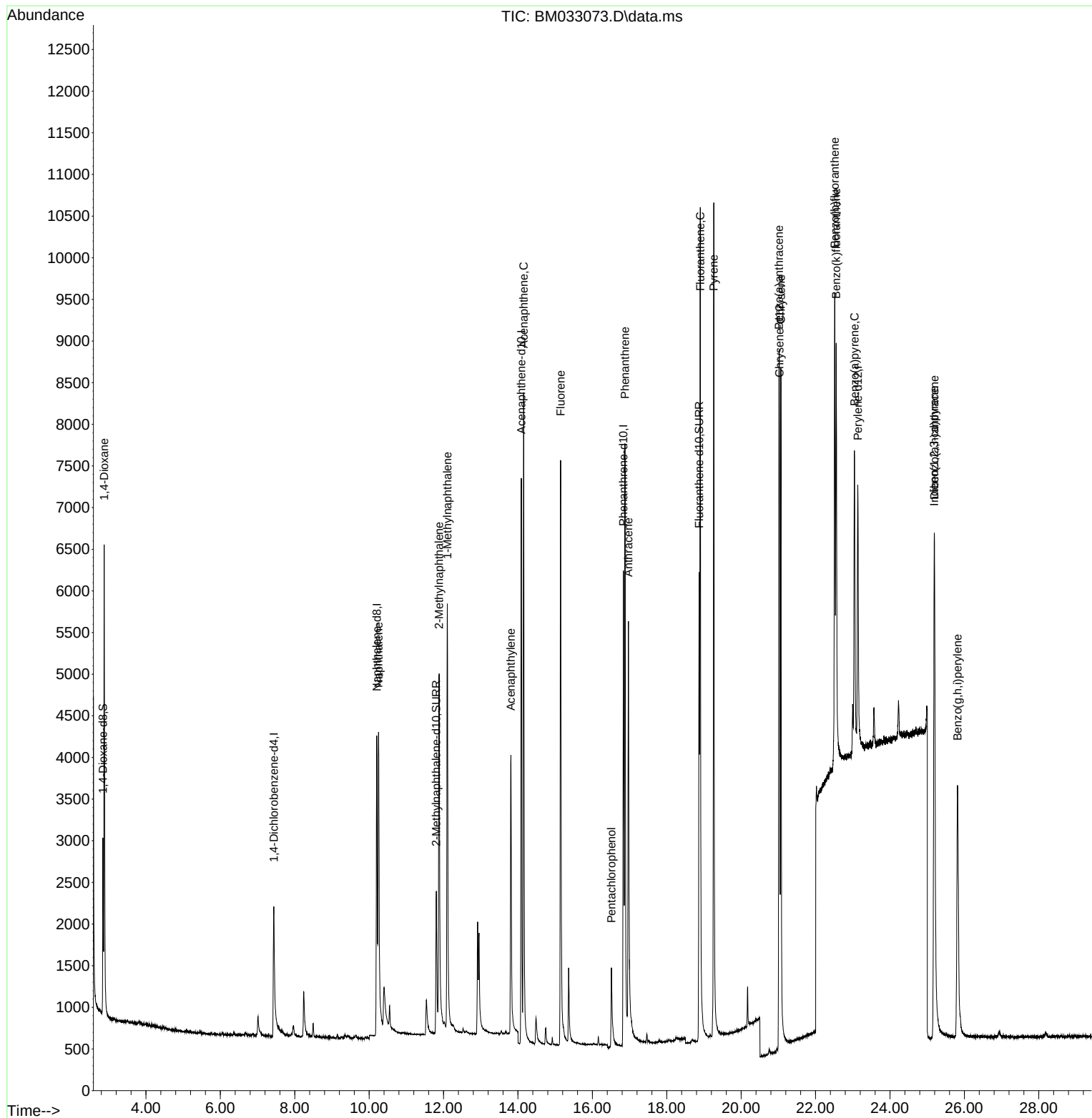
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	1425	0.400	ng/ul	0.00
4) Naphthalene-d8	10.203	136	5940	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.091	164	3747	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.834	188	7428	0.400	ng/ul	0.00
17) Chrysene-d12	21.030	240	5127	0.400	ng/ul	0.00
23) Perylene-d12	23.134	264	4114	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.843	96	1364	0.750	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.804	152	3088	0.366	ng/ul	0.00
18) Fluoranthene-d10	18.869	212	6470	0.416	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.878	88	3628	1.941	ng/ul#	90
5) Naphthalene	10.253	128	6212	0.360	ng/ul	100
7) 2-Methylnaphthalene	11.881	142	4145	0.347	ng/ul	99
8) 1-Methylnaphthalene	12.101	142	3990	0.341	ng/ul	100
10) Acenaphthylene	13.810	152	5448	0.334	ng/ul	99
11) Acenaphthene	14.152	153	4879	0.343	ng/ul	99
12) Fluorene	15.145	166	5407	0.322	ng/ul	99
14) Pentachlorophenol	16.511	266	963	0.498	ng/ul	97
15) Phenanthrene	16.876	178	8233	0.334	ng/ul	99
16) Anthracene	16.969	178	6886	0.317	ng/ul	99
19) Fluoranthene	18.900	202	9132	0.380	ng/ul	100
20) Pyrene	19.262	202	9283	0.371	ng/ul	100
21) Benzo(a)anthracene	21.016	228	6397	0.338	ng/ul	99
22) Chrysene	21.067	228	7542	0.353	ng/ul	100
24) Benzo(b)fluoranthene	22.514	252	6587	0.349	ng/ul	94
25) Benzo(k)fluoranthene	22.555	252	7260	0.359	ng/ul	92
26) Benzo(a)pyrene	23.045	252	5544	0.356	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.187	276	6924	0.387	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.196	278	5445	0.384	ng/ul	95
29) Benzo(g,h,i)perylene	25.817	276	6325	0.407	ng/ul	99

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

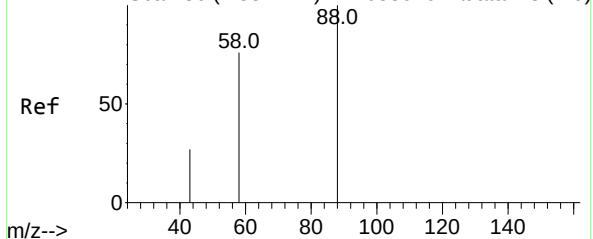
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111321\
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Response via : Initial Calibration



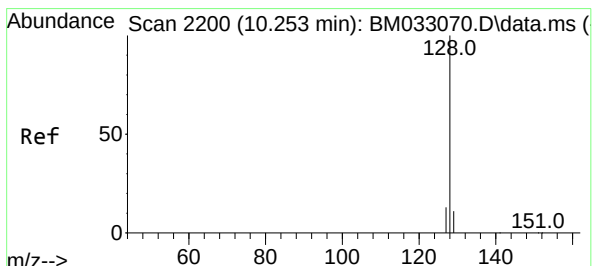
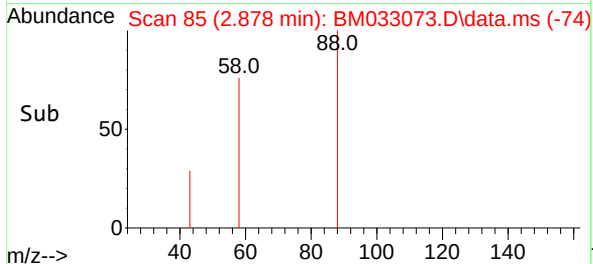
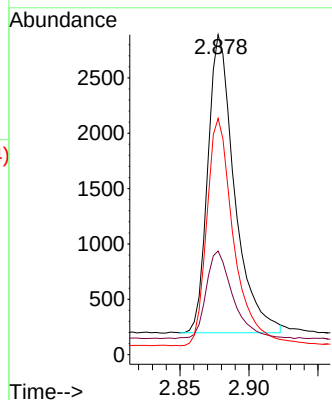
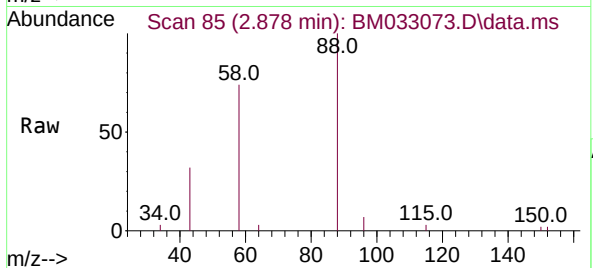
Abundance Scan 86 (2.881 min): BM033070.D\data.ms (-79)



#2
1,4-Dioxane
Concen: 1.941 ng/ul
RT: 2.878 min Scan# 81
Delta R.T. -0.010 min
Lab File: BM033073.D
Acq: 14 Nov 2021 10:59

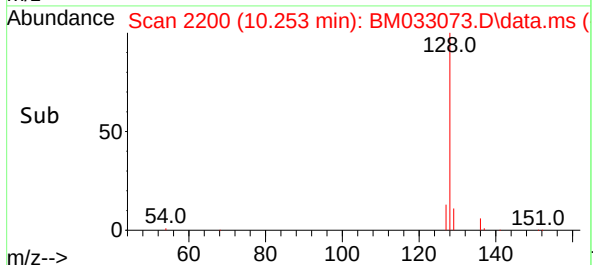
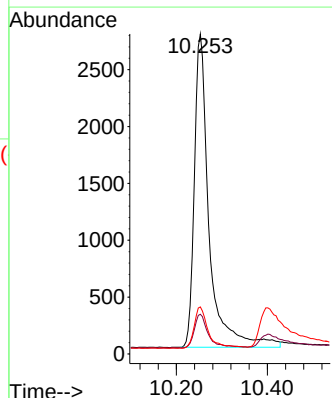
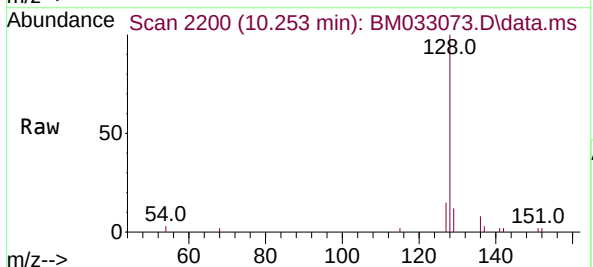
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ClientSampleId :
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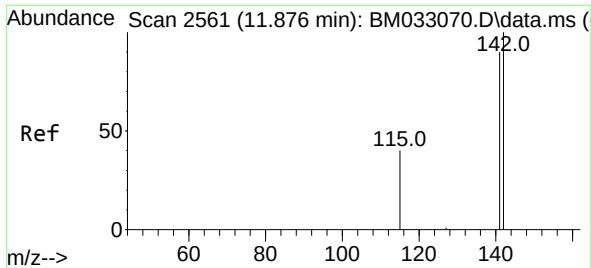
Tgt Ion: 88 Resp: 3628
Ion Ratio Lower Upper
88 100
43 32.4 35.8 53.8#
58 73.8 55.8 83.8



#5
Naphthalene
Concen: 0.360 ng/ul
RT: 10.253 min Scan# 2200
Delta R.T. -0.005 min
Lab File: BM033073.D
Acq: 14 Nov 2021 10:59

Tgt Ion: 128 Resp: 6212
Ion Ratio Lower Upper
128 100
129 12.4 9.8 14.6
127 14.7 11.8 17.8

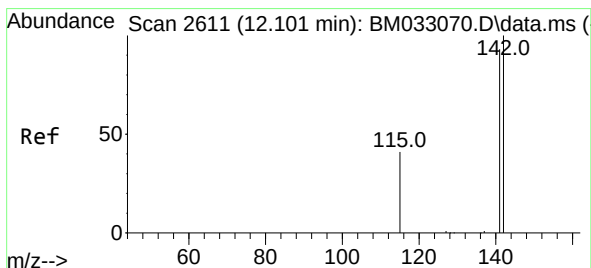
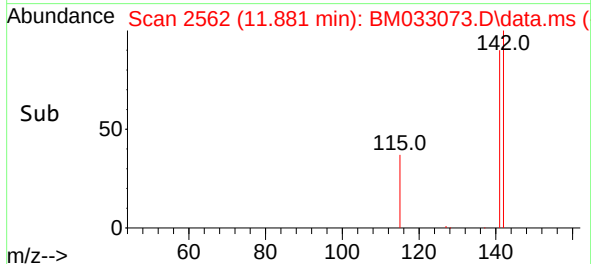
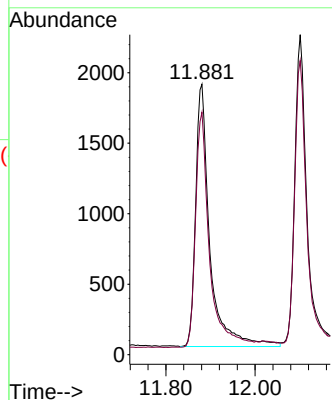
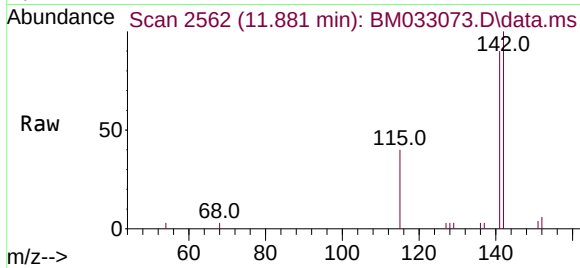




#7
2-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 11.881 min Scan# 2562
Delta R.T. -0.005 min
Lab File: BM033073.D
Acq: 14 Nov 2021 10:59

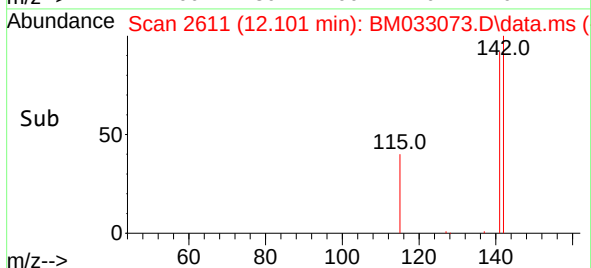
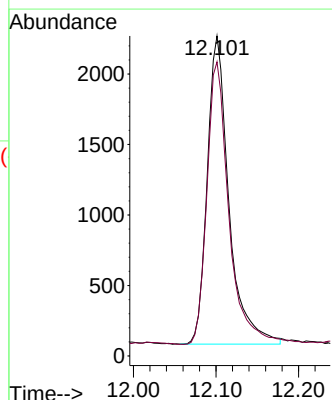
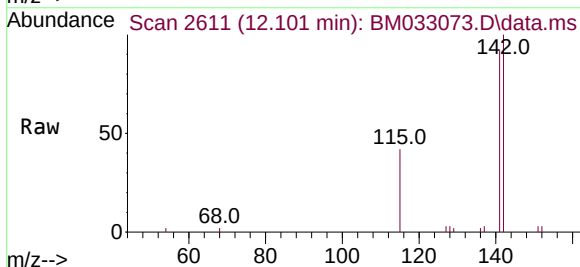
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ClientSampleId :
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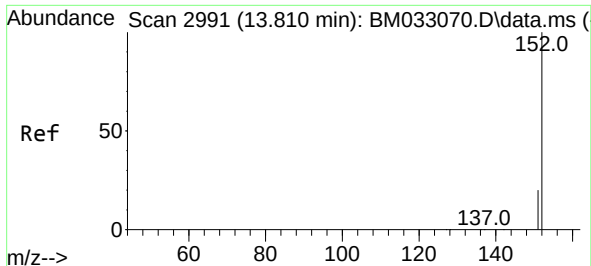
Tgt Ion:142 Resp: 4145
Ion Ratio Lower Upper
142 100
141 90.2 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.101 min Scan# 2611
Delta R.T. -0.005 min
Lab File: BM033073.D
Acq: 14 Nov 2021 10:59

Tgt Ion:142 Resp: 3990
Ion Ratio Lower Upper
142 100
141 92.7 74.5 111.7

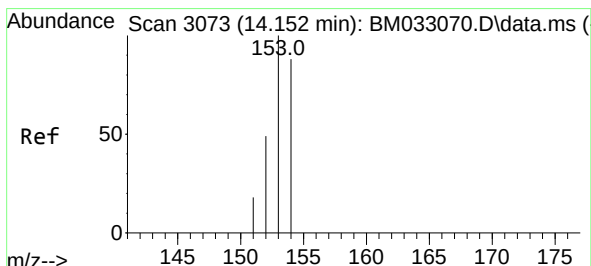
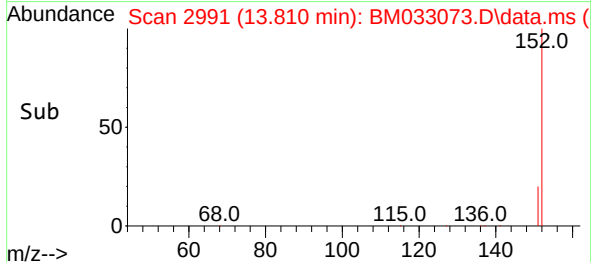
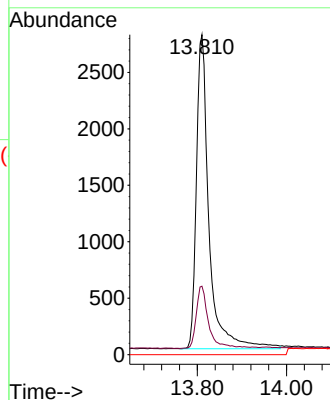
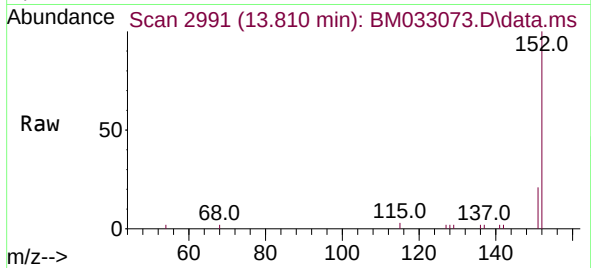




#10
Acenaphthylene
Concen: 0.334 ng/ul
RT: 13.810 min Scan# 2991
Delta R.T. -0.005 min
Lab File: BM033073.D
Acq: 14 Nov 2021 10:59

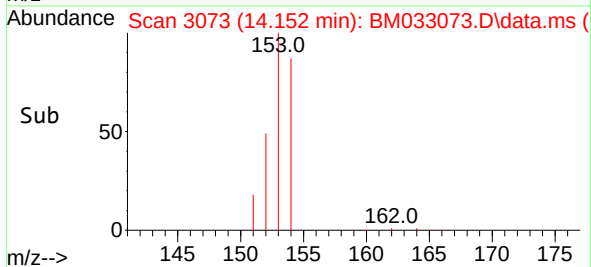
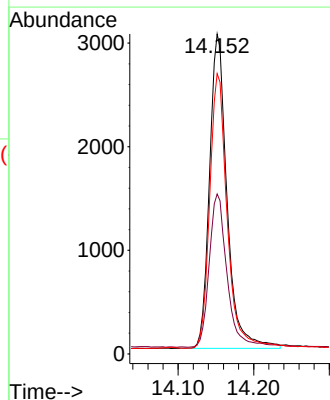
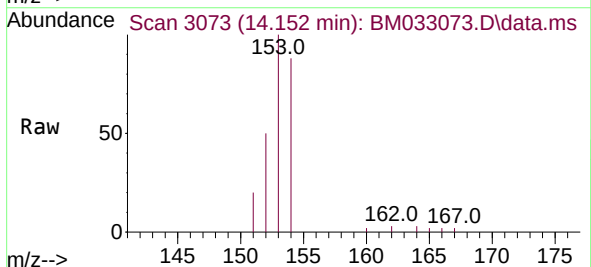
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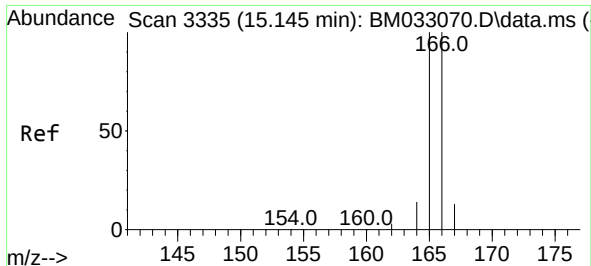
Tgt Ion:152 Resp: 5448
Ion Ratio Lower Upper
152 100
151 21.4 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.343 ng/ul
RT: 14.152 min Scan# 3073
Delta R.T. -0.008 min
Lab File: BM033073.D
Acq: 14 Nov 2021 10:59

Tgt Ion:153 Resp: 4879
Ion Ratio Lower Upper
153 100
152 50.0 40.6 60.8
154 87.6 70.8 106.2

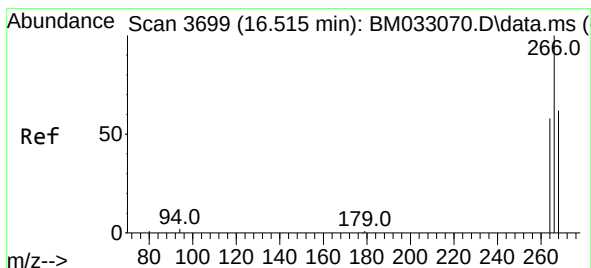
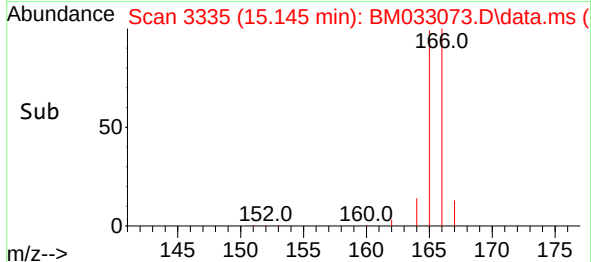
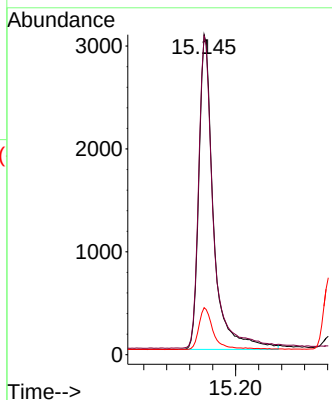
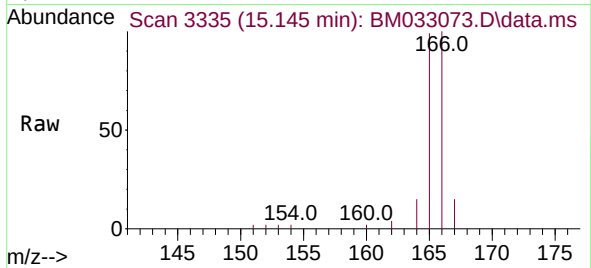




#12
Fluorene
Concen: 0.322 ng/ul
RT: 15.145 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM033073.D
Acq: 14 Nov 2021 10:59

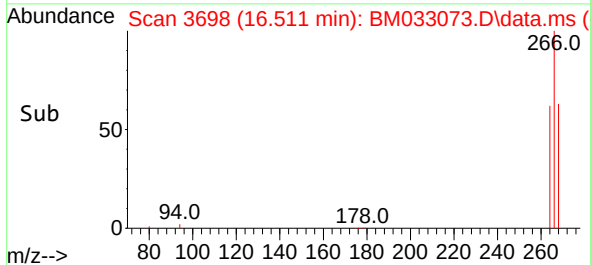
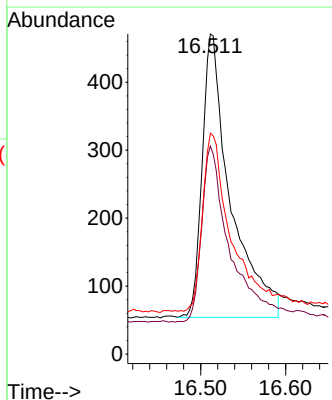
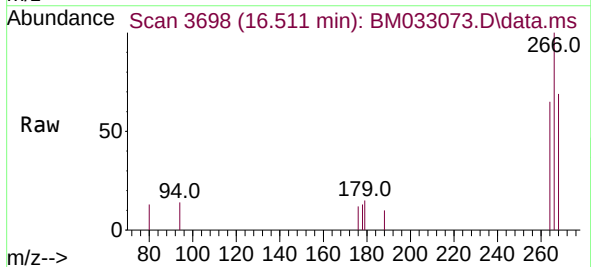
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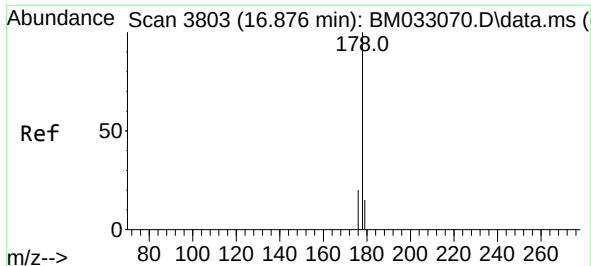
Tgt Ion:166 Resp: 5407
Ion Ratio Lower Upper
166 100
165 99.5 80.8 121.2
167 14.7 11.7 17.5



#14
Pentachlorophenol
Concen: 0.498 ng/ul
RT: 16.511 min Scan# 3698
Delta R.T. -0.000 min
Lab File: BM033073.D
Acq: 14 Nov 2021 10:59

Tgt Ion:266 Resp: 963
Ion Ratio Lower Upper
266 100
264 62.2 51.2 76.8
268 63.6 52.9 79.3

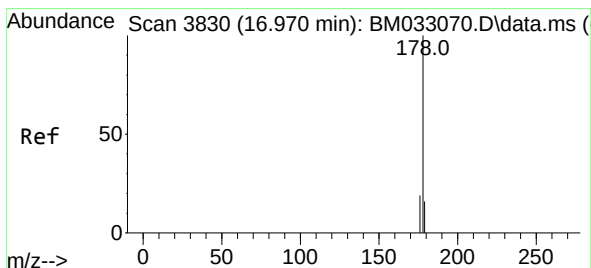
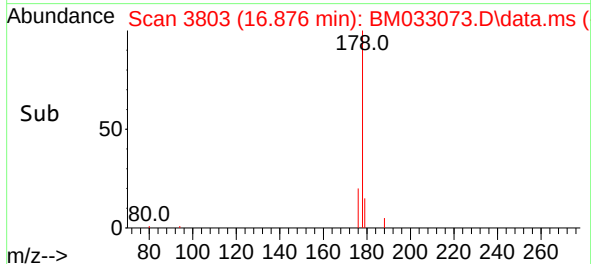
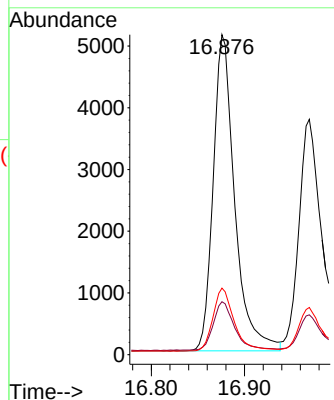
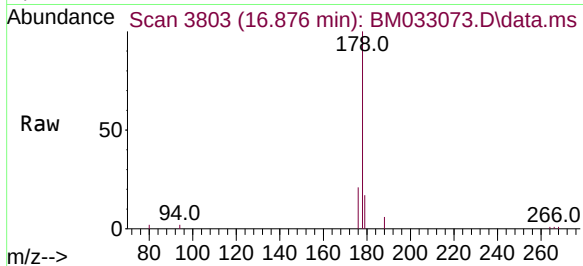




#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 16.876 min Scan# 3803
Delta R.T. -0.007 min
Lab File: BM033073.D
Acq: 14 Nov 2021 10:59

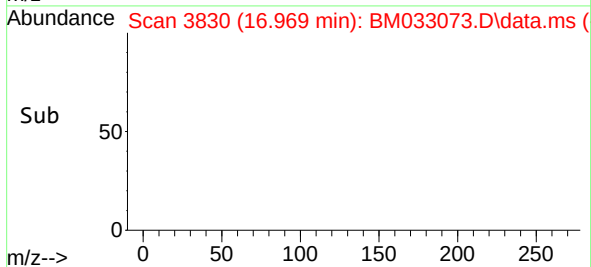
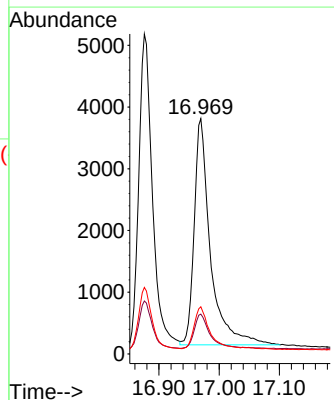
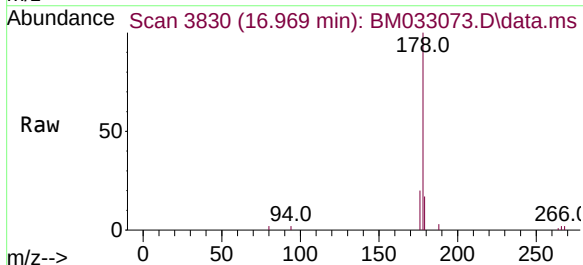
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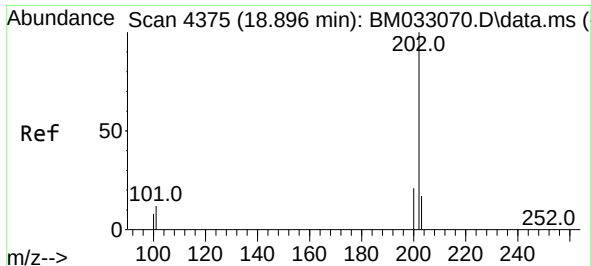
Tgt Ion:178 Resp: 8233
Ion Ratio Lower Upper
178 100
179 16.5 12.9 19.3
176 20.8 16.0 24.0



#16
Anthracene
Concen: 0.317 ng/ul
RT: 16.969 min Scan# 3830
Delta R.T. -0.004 min
Lab File: BM033073.D
Acq: 14 Nov 2021 10:59

Tgt Ion:178 Resp: 6886
Ion Ratio Lower Upper
178 100
179 16.9 13.0 19.6
176 20.1 15.6 23.4

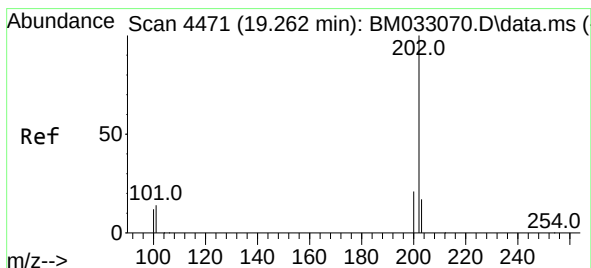
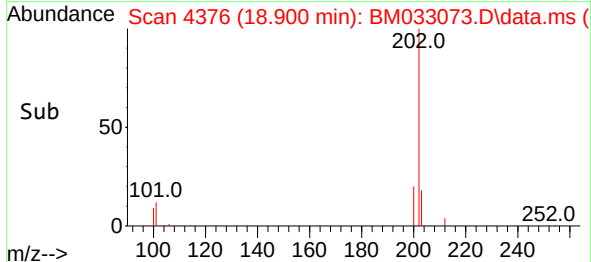
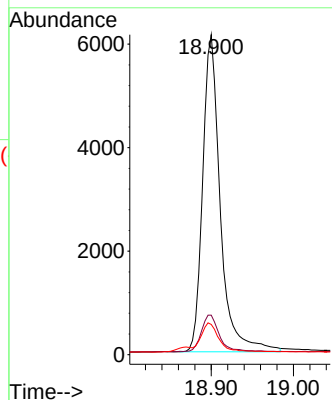
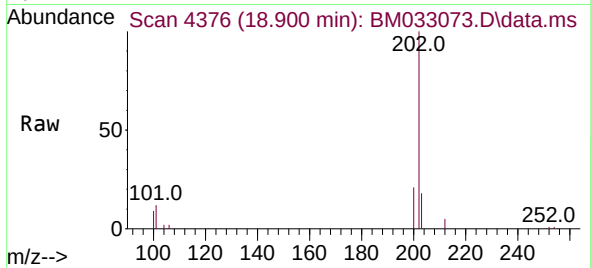




#19
Fluoranthene
Concen: 0.380 ng/u1
RT: 18.900 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM033073.D
Acq: 14 Nov 2021 10:59

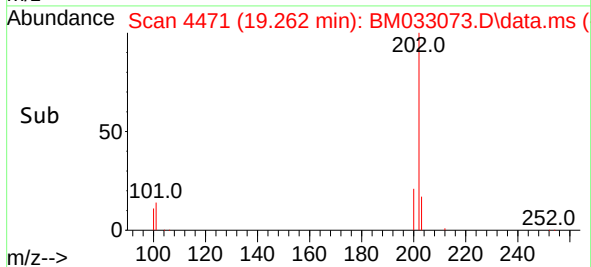
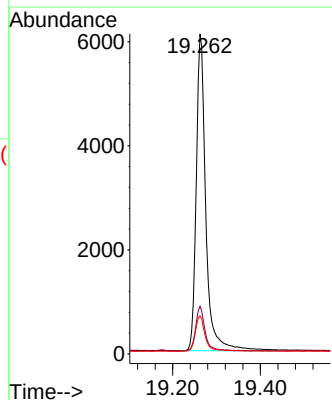
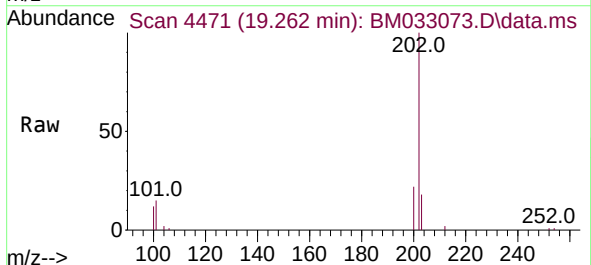
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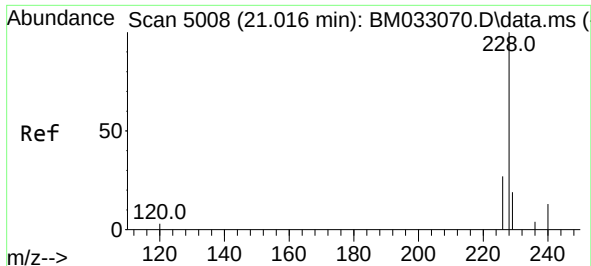
Tgt Ion:202 Resp: 9132
Ion Ratio Lower Upper
202 100
101 12.4 9.9 14.9
100 9.4 7.3 10.9



#20
Pyrene
Concen: 0.371 ng/u1
RT: 19.262 min Scan# 4471
Delta R.T. -0.008 min
Lab File: BM033073.D
Acq: 14 Nov 2021 10:59

Tgt Ion:202 Resp: 9283
Ion Ratio Lower Upper
202 100
101 14.9 11.8 17.6
100 11.9 9.5 14.3

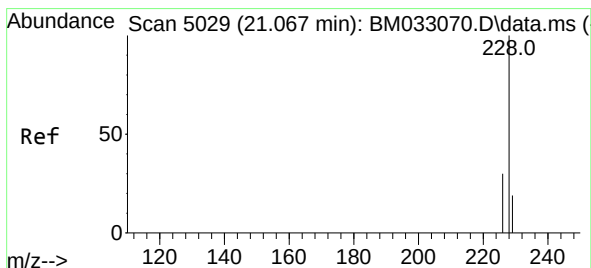
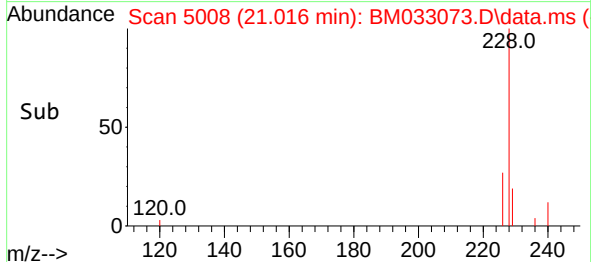
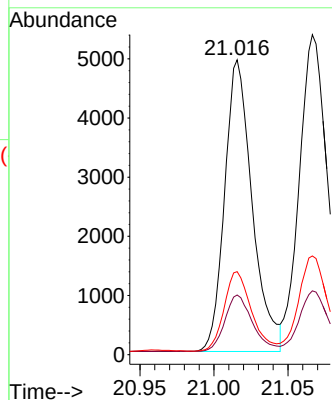
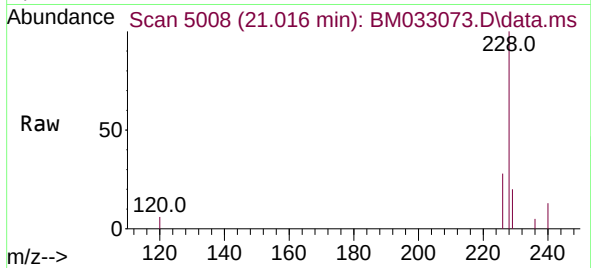




#21
Benzo(a)anthracene
Concen: 0.338 ng/ul
RT: 21.016 min Scan# 5008
Delta R.T. -0.005 min
Lab File: BM033073.D
Acq: 14 Nov 2021 10:59

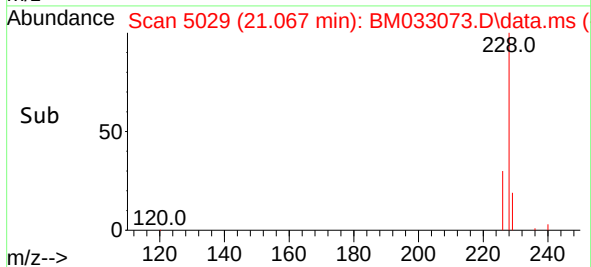
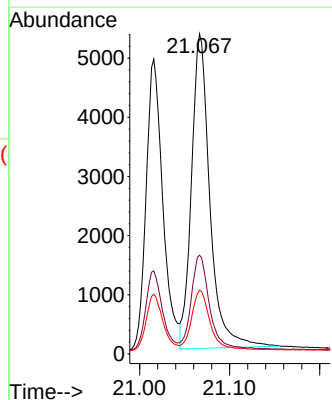
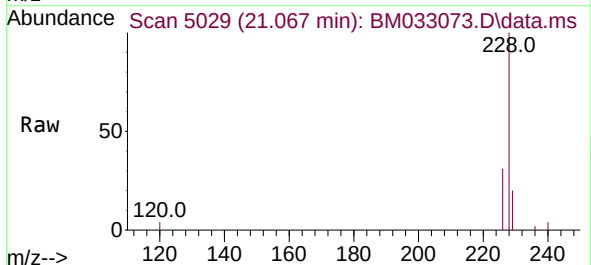
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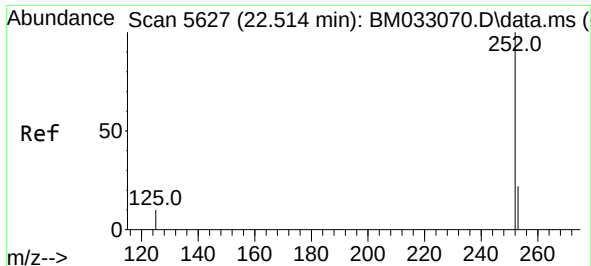
Tgt Ion:228 Resp: 6397
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 28.2 22.4 33.6



#22
Chrysene
Concen: 0.353 ng/ul
RT: 21.067 min Scan# 5029
Delta R.T. -0.005 min
Lab File: BM033073.D
Acq: 14 Nov 2021 10:59

Tgt Ion:228 Resp: 7542
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 20.0 16.1 24.1

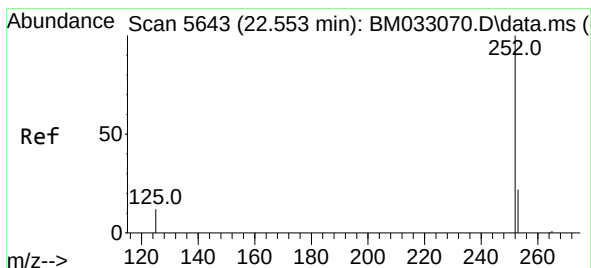
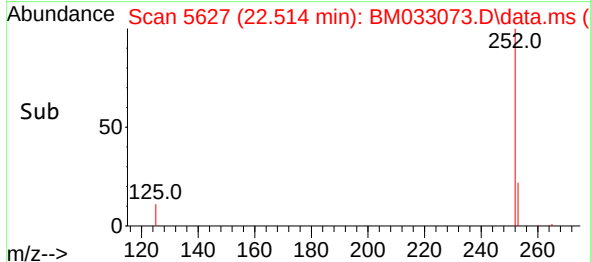
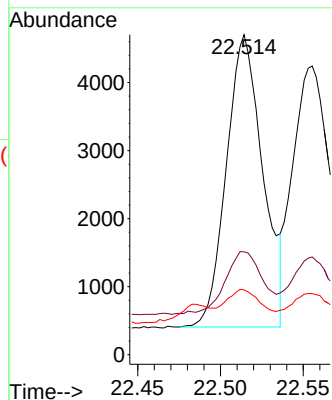
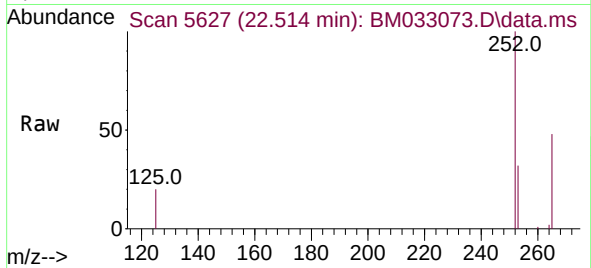




#24
Benzo(b)fluoranthene
Concen: 0.349 ng/ul
RT: 22.514 min Scan# 5627
Delta R.T. -0.005 min
Lab File: BM033073.D
Acq: 14 Nov 2021 10:59

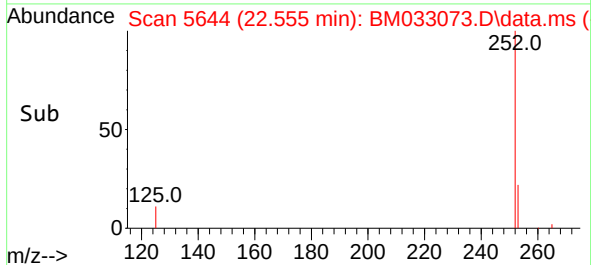
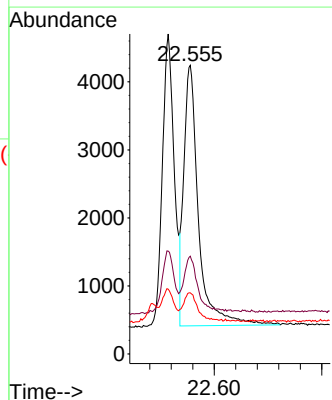
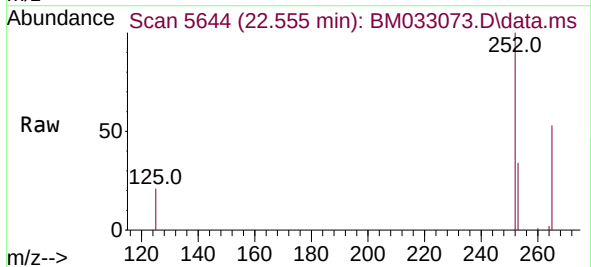
Instrument :
BNA_M
ClientSampleId :
SLCS482

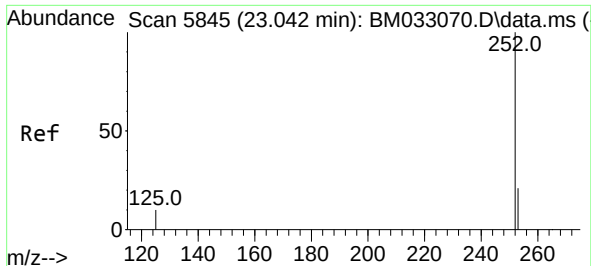
Tgt Ion:252	Resp:	6587
Ion Ratio	Lower	Upper
252	100	
253	32.2	0.0 59.2
125	20.2	0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.359 ng/ul
RT: 22.555 min Scan# 5644
Delta R.T. -0.005 min
Lab File: BM033073.D
Acq: 14 Nov 2021 10:59

Tgt Ion:252	Resp:	7260
Ion Ratio	Lower	Upper
252	100	
253	33.9	23.1 34.7
125	21.2	14.6 21.8

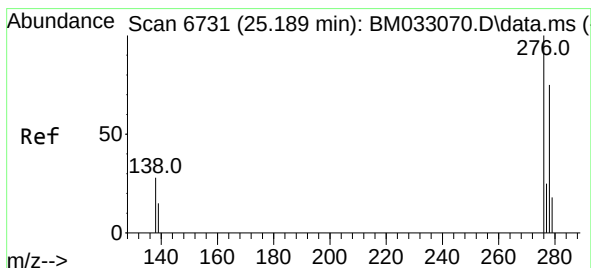
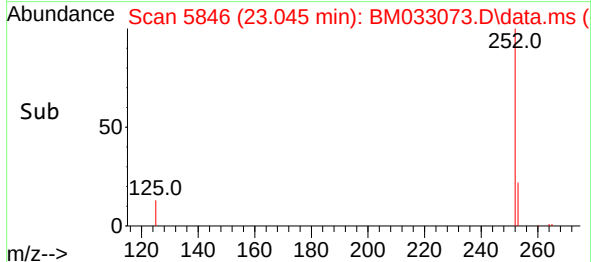
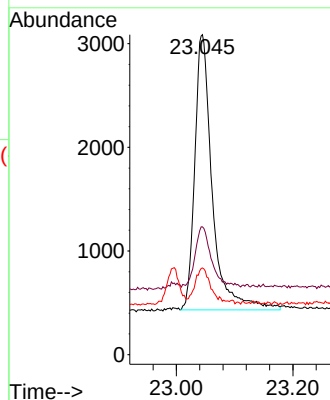
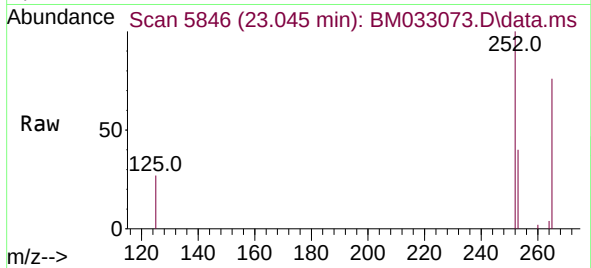




#26
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 23.045 min Scan# 5845
Delta R.T. -0.007 min
Lab File: BM033073.D
Acq: 14 Nov 2021 10:59

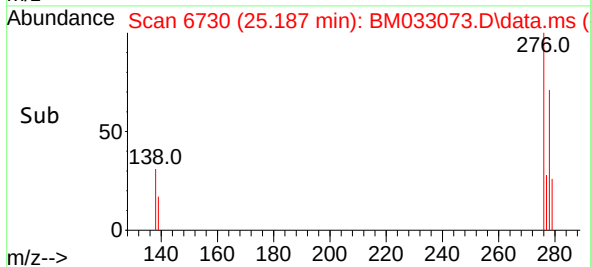
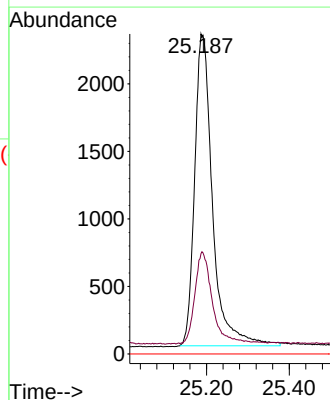
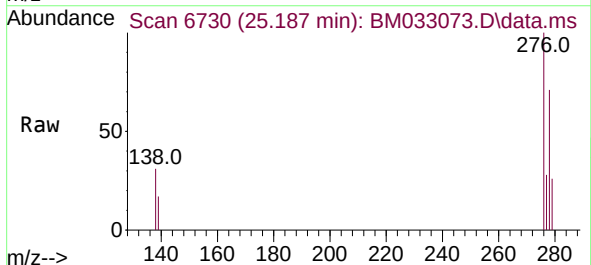
Instrument :
BNA_M
ClientSampleId :
SLCS482

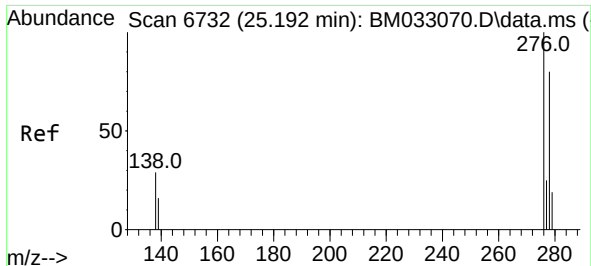
Tgt Ion:252 Resp: 5544
Ion Ratio Lower Upper
252 100
253 39.9 27.1 40.7
125 27.1 17.4 26.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng/ul
RT: 25.187 min Scan# 6730
Delta R.T. -0.012 min
Lab File: BM033073.D
Acq: 14 Nov 2021 10:59

Tgt Ion:276 Resp: 6924
Ion Ratio Lower Upper
276 100
138 33.3 22.9 34.3
227 0.0 0.0 0.0

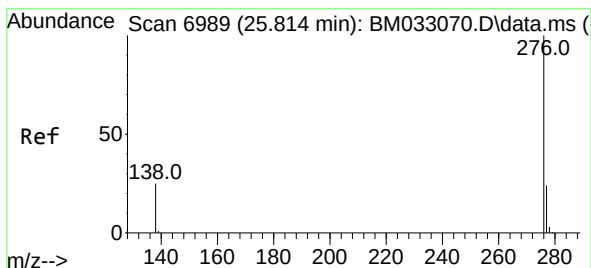
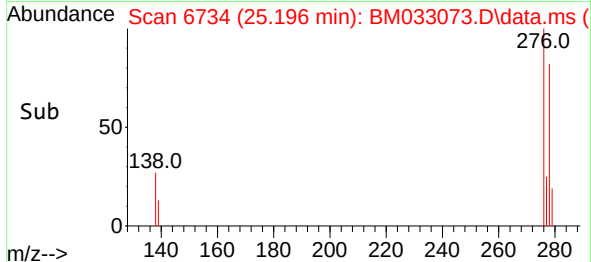
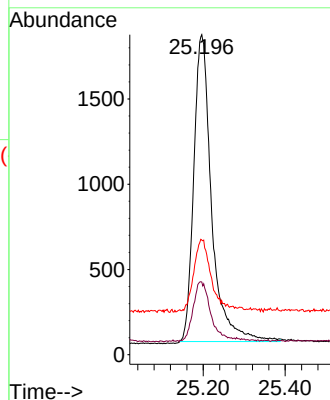
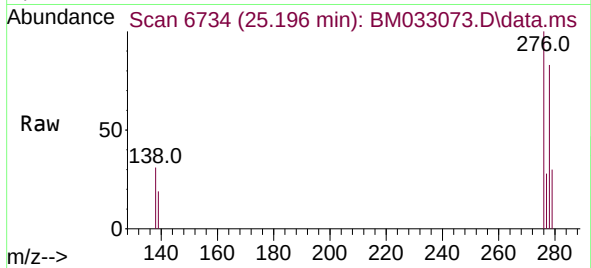




#28
Dibenzo(a,h)anthracene
Concen: 0.384 ng/ul
RT: 25.196 min Scan# 61
Delta R.T. -0.010 min
Lab File: BM033073.D
Acq: 14 Nov 2021 10:59

Instrument :
BNA_M
ClientSampleId :
SLCS482

Tgt Ion:278 Resp: 5445
Ion Ratio Lower Upper
278 100
139 22.7 18.2 27.2
279 35.8 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 25.817 min Scan# 6990
Delta R.T. -0.012 min
Lab File: BM033073.D
Acq: 14 Nov 2021 10:59

Tgt Ion:276 Resp: 6325
Ion Ratio Lower Upper
276 100
138 27.9 22.2 33.2
277 26.5 21.0 31.4

