

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112221\
 Data File : BM033222.D
 Acq On : 22 Nov 2021 19:01
 Operator : CG/JU
 Sample : PB140813BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS813

Quant Time: Nov 23 00:01:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 15:41:12 2021
 Response via : Initial Calibration

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

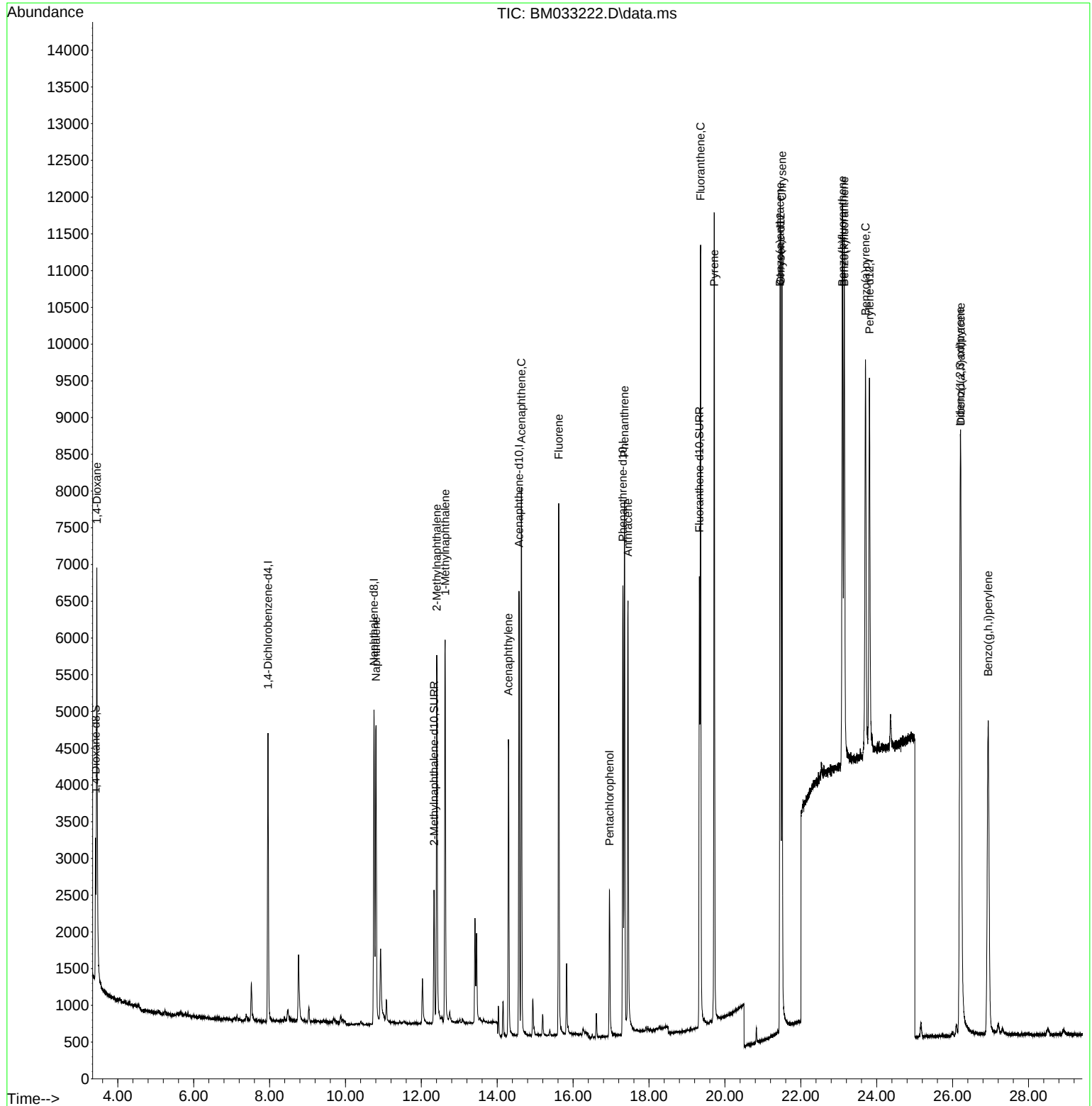
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	2175	0.400	ng/ul	0.00
4) Naphthalene-d8	10.751	136	6040	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.572	164	3469	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.310	188	7664	0.400	ng/ul	-0.01
17) Chrysene-d12	21.468	240	7652	0.400	ng/ul	0.00
23) Perylene-d12	23.808	264	7349	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	1307	0.639	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	2639	0.315	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	6828	0.308	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	3704	1.610	ng/ul	94
5) Naphthalene	10.805	128	6008	0.321	ng/ul	99
7) 2-Methylnaphthalene	12.406	142	3822	0.316	ng/ul	100
8) 1-Methylnaphthalene	12.627	142	3721	0.311	ng/ul	100
10) Acenaphthylene	14.296	152	5115	0.315	ng/ul#	100
11) Acenaphthene	14.637	153	4375	0.329	ng/ul	100
12) Fluorene	15.619	166	4921	0.328	ng/ul	99
14) Pentachlorophenol	16.956	266	1510	0.590	ng/ul	99
15) Phenanthrene	17.355	178	8162	0.294	ng/ul	98
16) Anthracene	17.445	178	7165	0.319	ng/ul	99
19) Fluoranthene	19.357	202	9777	0.265	ng/ul	99
20) Pyrene	19.720	202	10054	0.275	ng/ul	97
21) Benzo(a)anthracene	21.451	228	8719	0.319	ng/ul	99
22) Chrysene	21.504	228	9873	0.329	ng/ul	99
24) Benzo(b)fluoranthene	23.096	252	10902	0.328	ng/ul	97
25) Benzo(k)fluoranthene	23.142	252	10461	0.319	ng/ul	99
26) Benzo(a)pyrene	23.704	252	8978	0.326	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.199	276	11551	0.332	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.216	278	9170	0.330	ng/ul	96
29) Benzo(g,h,i)perylene	26.938	276	10225	0.328	ng/ul	95

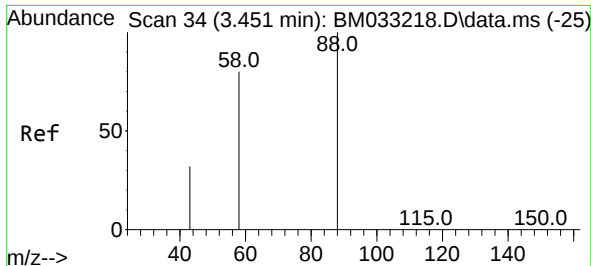
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 00:01:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 15:41:12 2021
Response via : Initial Calibration

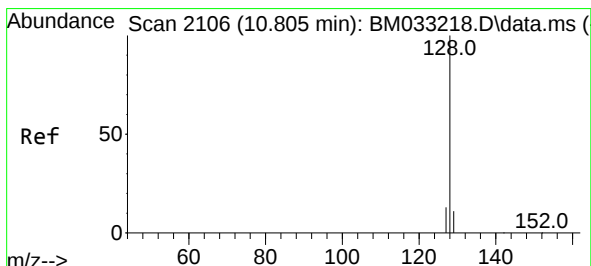
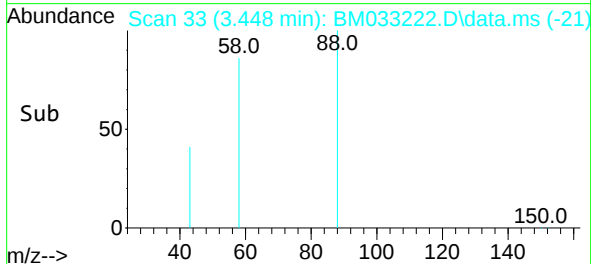
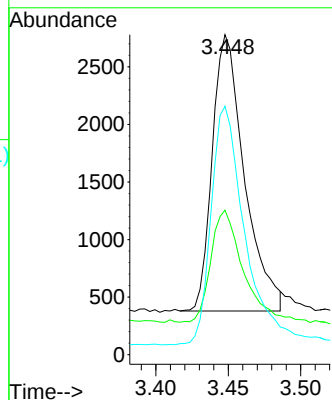
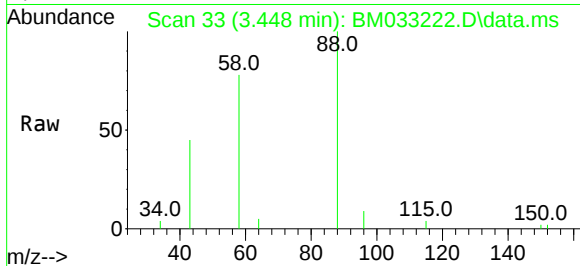




#2
1,4-Dioxane
Concen: 1.610 ng/ul
RT: 3.448 min Scan# 31
Delta R.T. -0.007 min
Lab File: BM033222.D
Acq: 22 Nov 2021 19:01

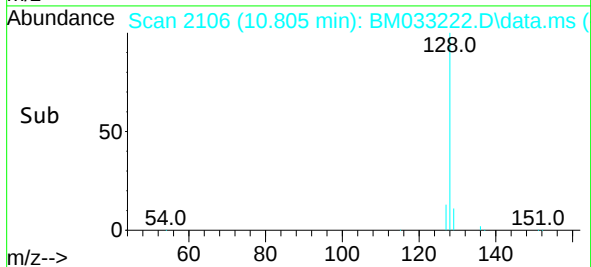
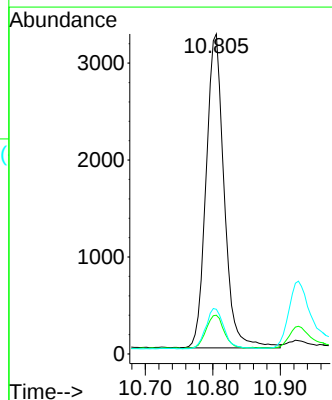
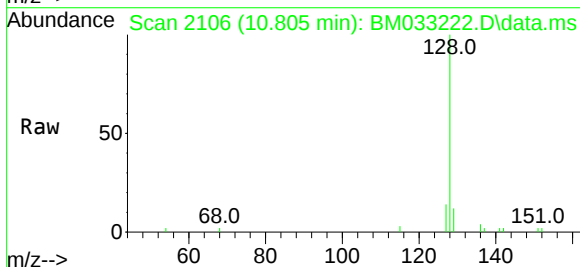
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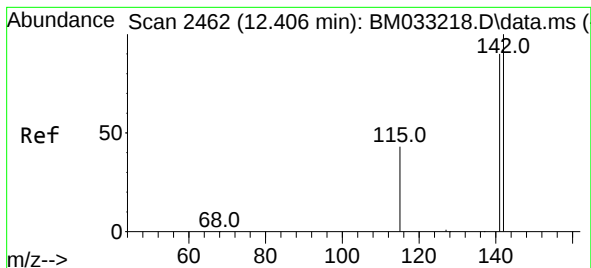
Tgt Ion: 88 Resp: 3704
Ion Ratio Lower Upper
88 100
43 45.2 35.8 53.8
58 77.6 55.8 83.8



#5
Naphthalene
Concen: 0.321 ng/ul
RT: 10.805 min Scan# 2106
Delta R.T. -0.004 min
Lab File: BM033222.D
Acq: 22 Nov 2021 19:01

Tgt Ion: 128 Resp: 6008
Ion Ratio Lower Upper
128 100
129 12.1 9.8 14.6
127 14.0 11.8 17.8

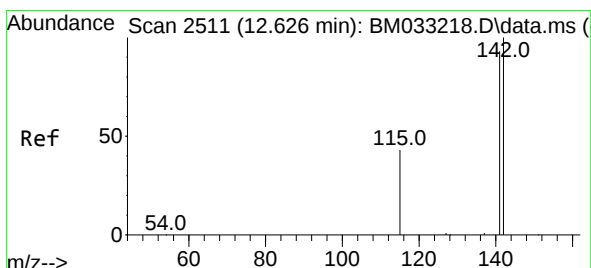
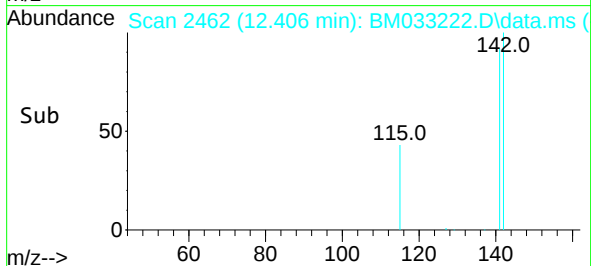
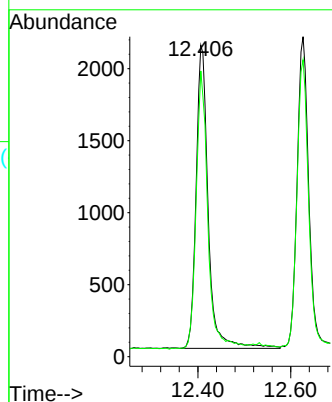
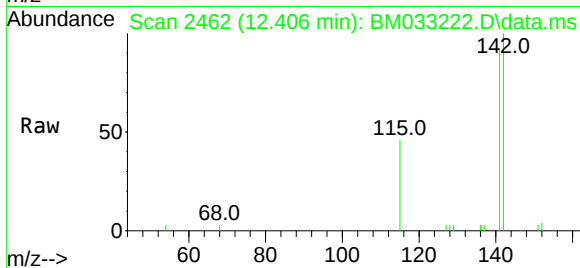




#7
2-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.406 min Scan# 2462
Delta R.T. -0.009 min
Lab File: BM033222.D
Acq: 22 Nov 2021 19:01

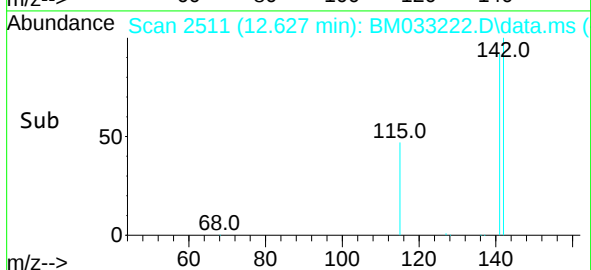
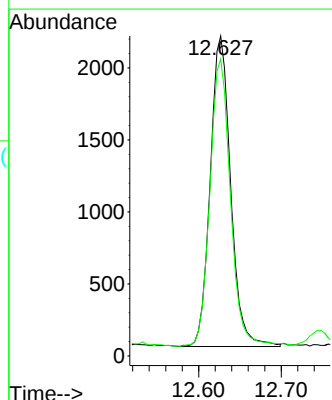
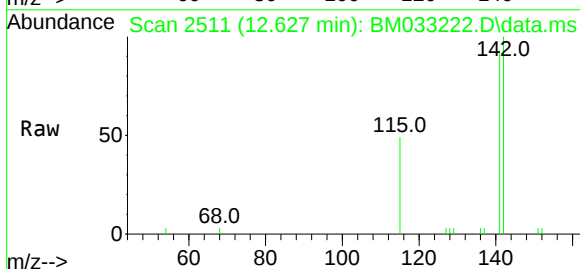
Instrument :
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ClientSampleId :
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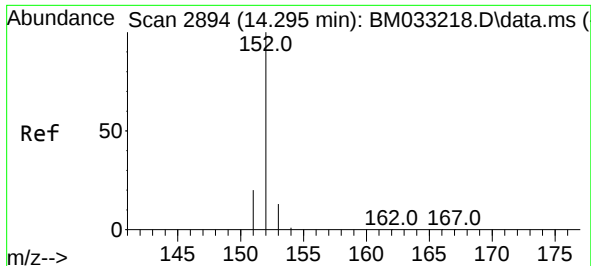
Tgt Ion:142 Resp: 3822
Ion Ratio Lower Upper
142 100
141 92.0 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.627 min Scan# 2511
Delta R.T. -0.004 min
Lab File: BM033222.D
Acq: 22 Nov 2021 19:01

Tgt Ion:142 Resp: 3721
Ion Ratio Lower Upper
142 100
141 92.8 74.5 111.7

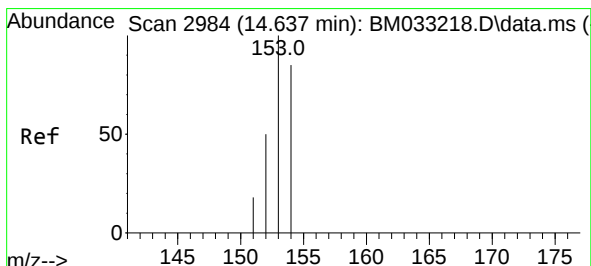
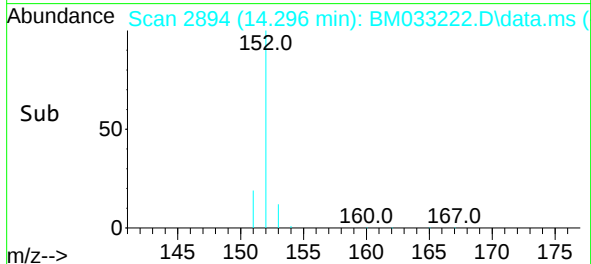
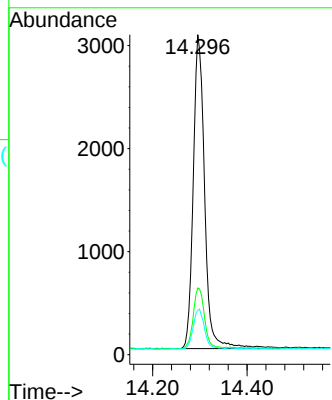
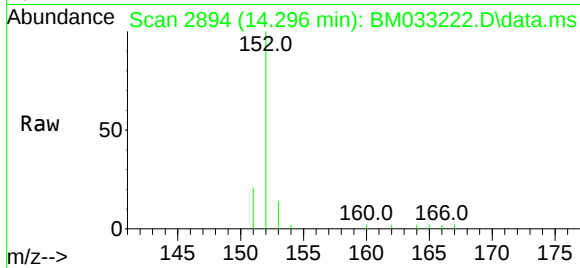




#10
Acenaphthylene
Concen: 0.315 ng/ul
RT: 14.296 min Scan# 2894
Delta R.T. -0.008 min
Lab File: BM033222.D
Acq: 22 Nov 2021 19:01

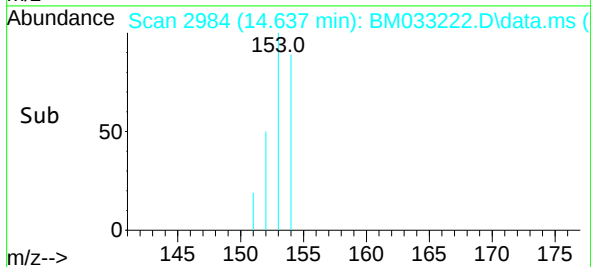
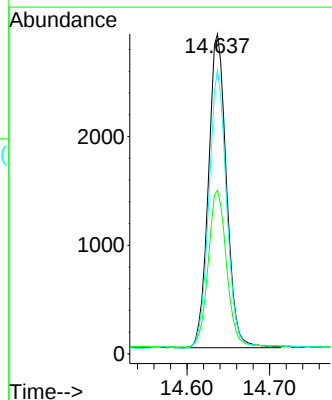
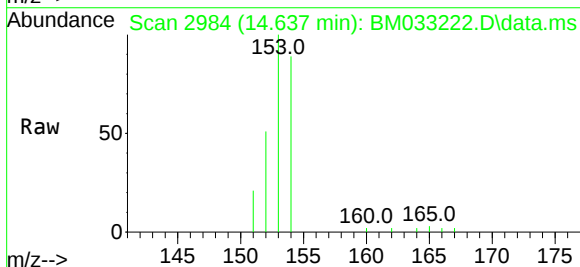
Instrument :
BNA_M
ClientSampleId :
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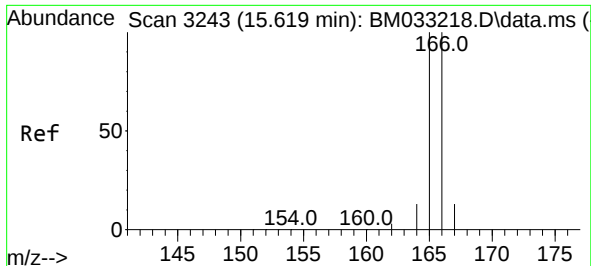
Tgt Ion:152 Resp: 5115
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1
153 13.9 0.0 0.0#



#11
Acenaphthene
Concen: 0.329 ng/ul
RT: 14.637 min Scan# 2984
Delta R.T. -0.008 min
Lab File: BM033222.D
Acq: 22 Nov 2021 19:01

Tgt Ion:153 Resp: 4375
Ion Ratio Lower Upper
153 100
152 51.1 40.6 60.8
154 88.9 70.8 106.2

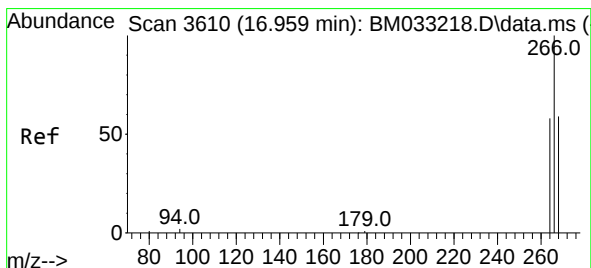
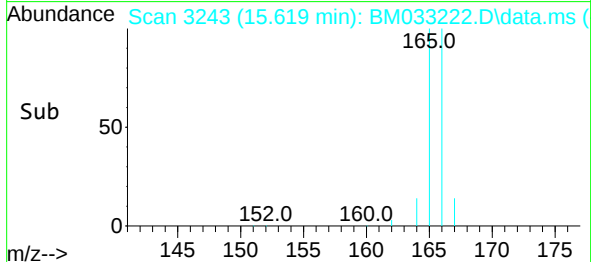
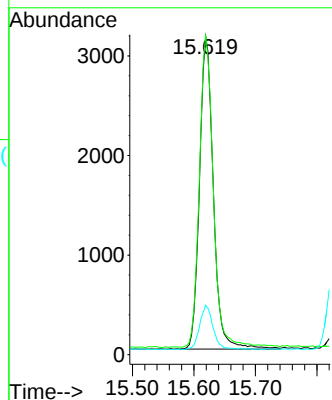
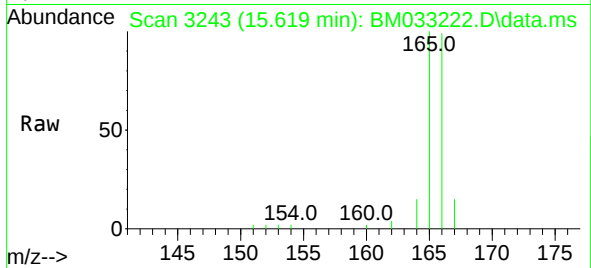




#12
Fluorene
Concen: 0.328 ng/ul
RT: 15.619 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM033222.D
Acq: 22 Nov 2021 19:01

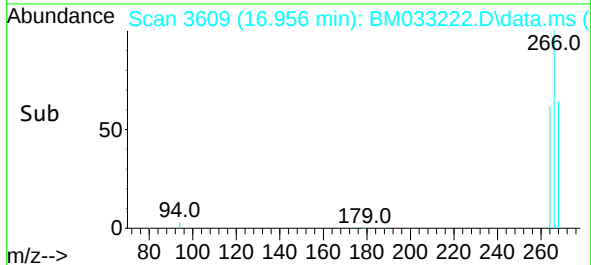
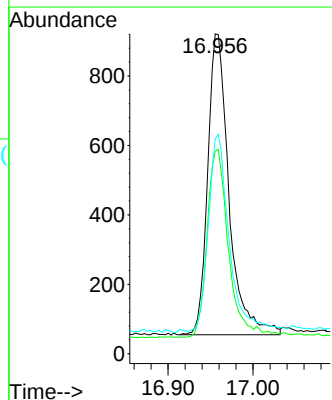
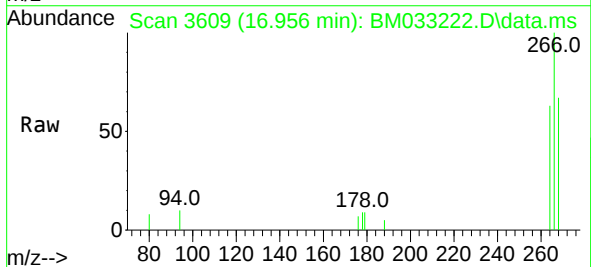
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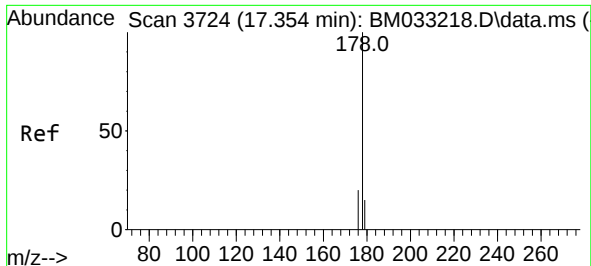
Tgt Ion:166 Resp: 4921
Ion Ratio Lower Upper
166 100
165 100.6 80.8 121.2
167 15.6 11.7 17.5



#14
Pentachlorophenol
Concen: 0.590 ng/ul
RT: 16.956 min Scan# 3609
Delta R.T. -0.010 min
Lab File: BM033222.D
Acq: 22 Nov 2021 19:01

Tgt Ion:266 Resp: 1510
Ion Ratio Lower Upper
266 100
264 63.3 51.2 76.8
268 64.7 52.9 79.3

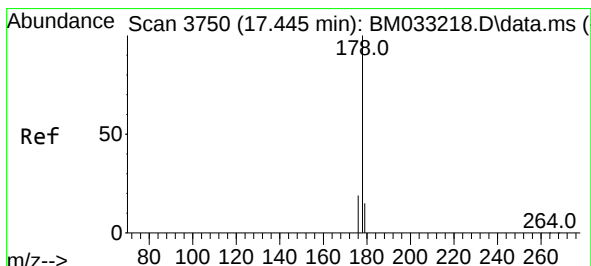
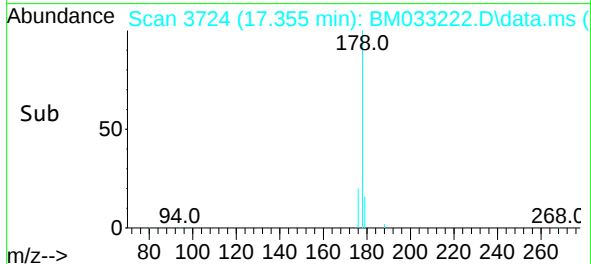
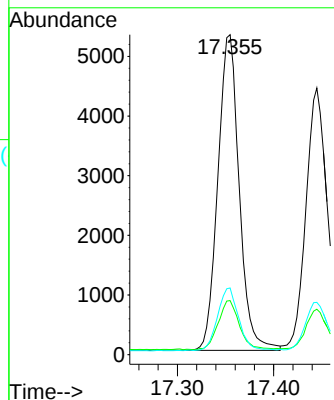
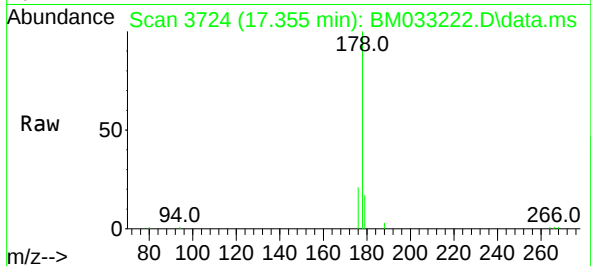




#15
Phenanthrene
Concen: 0.294 ng/ul
RT: 17.355 min Scan# 31
Delta R.T. -0.003 min
Lab File: BM033222.D
Acq: 22 Nov 2021 19:01

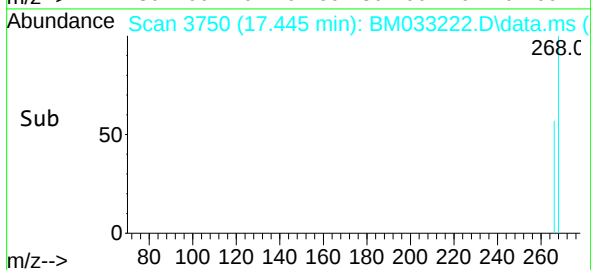
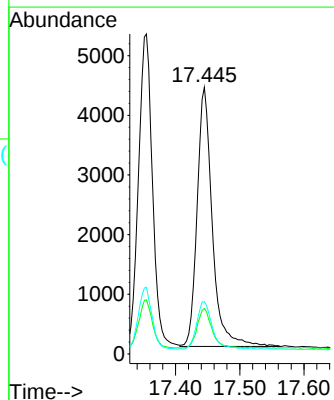
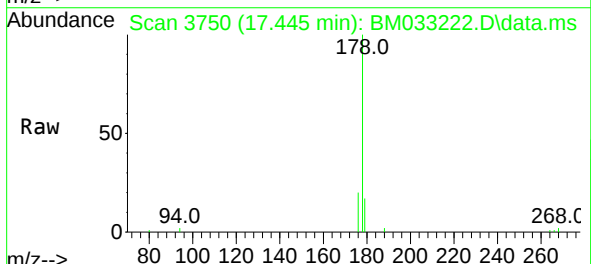
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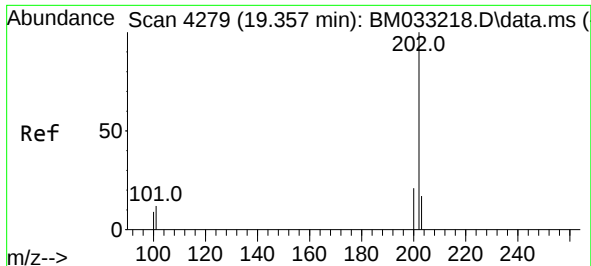
Tgt Ion:178 Resp: 8162
Ion Ratio Lower Upper
178 100
179 16.9 12.9 19.3
176 20.8 16.0 24.0



#16
Anthracene
Concen: 0.319 ng/ul
RT: 17.445 min Scan# 3750
Delta R.T. -0.007 min
Lab File: BM033222.D
Acq: 22 Nov 2021 19:01

Tgt Ion:178 Resp: 7165
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.6
176 19.6 15.6 23.4

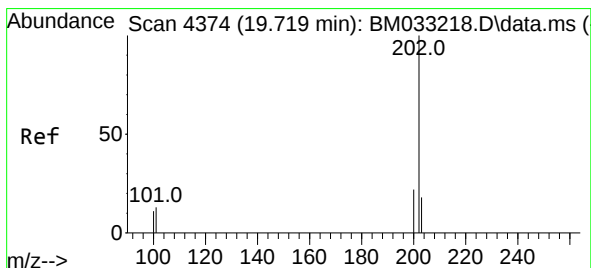
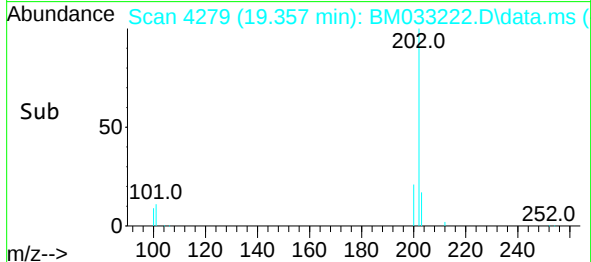
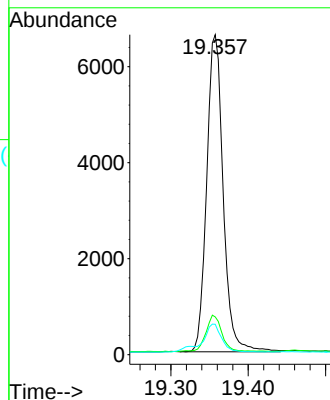
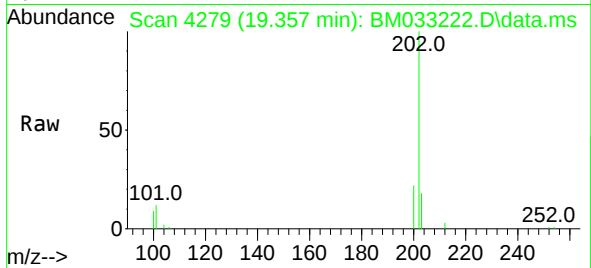




#19
Fluoranthene
Concen: 0.265 ng/ul
RT: 19.357 min Scan# 4279
Delta R.T. -0.004 min
Lab File: BM033222.D
Acq: 22 Nov 2021 19:01

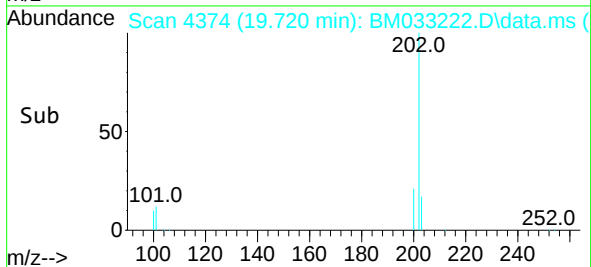
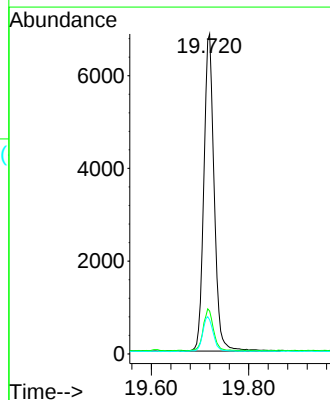
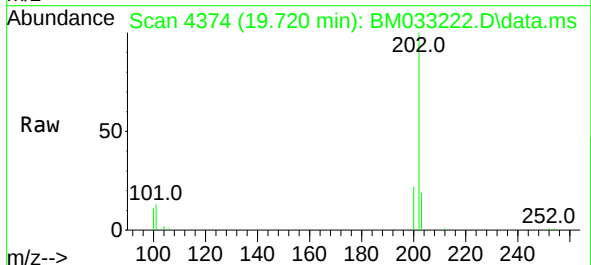
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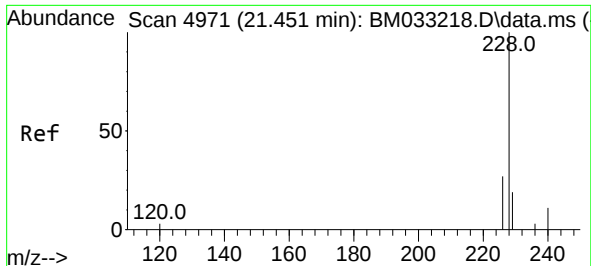
Tgt Ion:202 Resp: 9777
Ion Ratio Lower Upper
202 100
101 11.8 9.9 14.9
100 9.5 7.3 10.9



#20
Pyrene
Concen: 0.275 ng/ul
RT: 19.720 min Scan# 4374
Delta R.T. -0.004 min
Lab File: BM033222.D
Acq: 22 Nov 2021 19:01

Tgt Ion:202 Resp: 10054
Ion Ratio Lower Upper
202 100
101 13.4 11.8 17.6
100 10.7 9.5 14.3

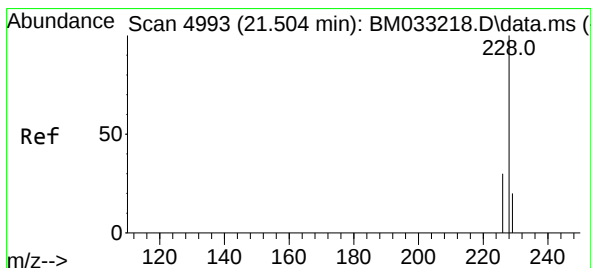
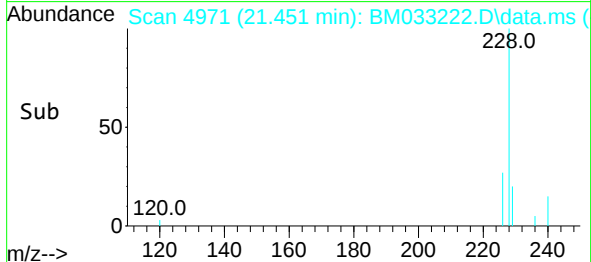
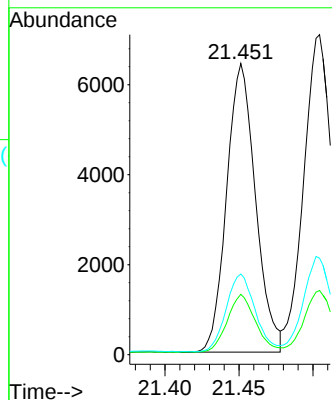
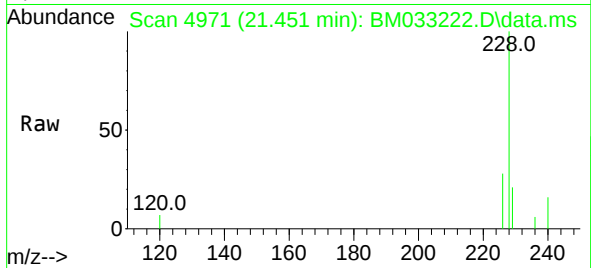




#21
Benzo(a)anthracene
Concen: 0.319 ng/ul
RT: 21.451 min Scan# 4971
Delta R.T. -0.005 min
Lab File: BM033222.D
Acq: 22 Nov 2021 19:01

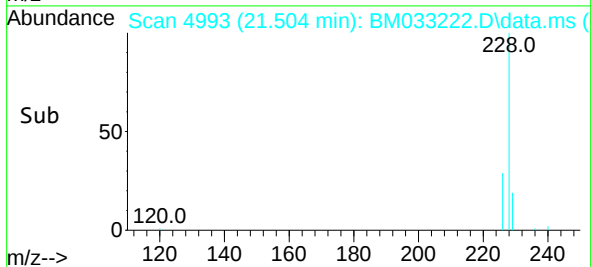
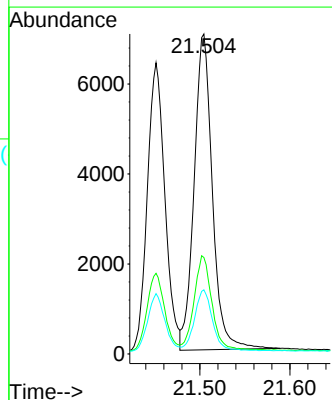
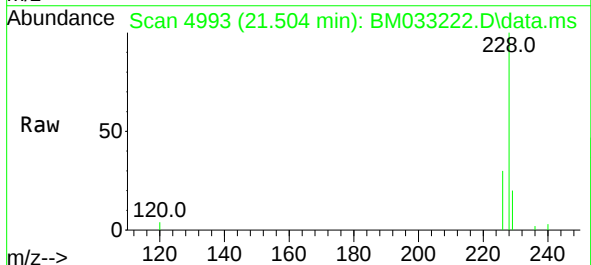
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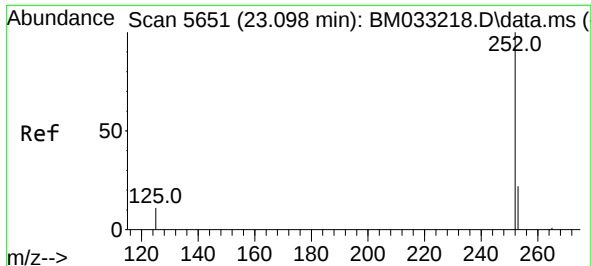
Tgt Ion:228 Resp: 8719
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 27.7 22.4 33.6



#22
Chrysene
Concen: 0.329 ng/ul
RT: 21.504 min Scan# 4993
Delta R.T. -0.002 min
Lab File: BM033222.D
Acq: 22 Nov 2021 19:01

Tgt Ion:228 Resp: 9873
Ion Ratio Lower Upper
228 100
226 30.2 24.9 37.3
229 20.1 16.1 24.1

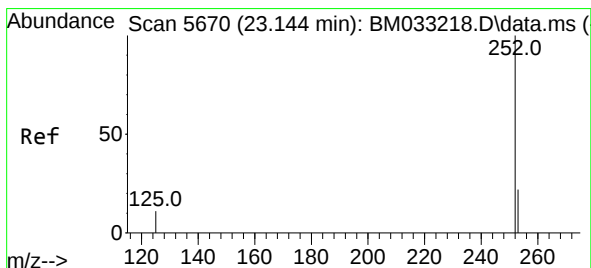
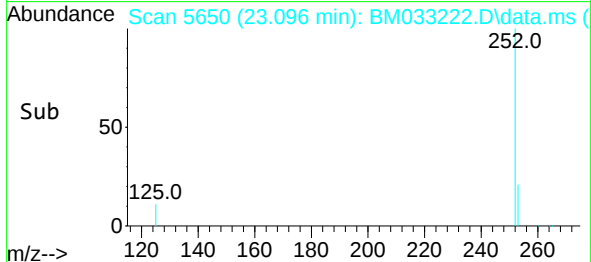
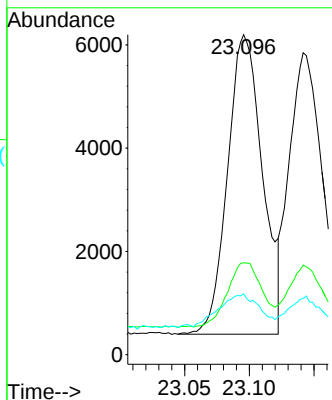
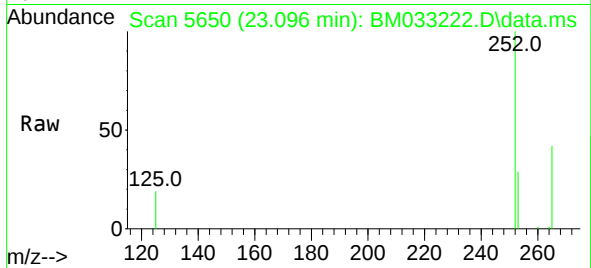




#24
Benzo(b)fluoranthene
Concen: 0.328 ng/ul
RT: 23.096 min Scan# 5650
Delta R.T. -0.005 min
Lab File: BM033222.D
Acq: 22 Nov 2021 19:01

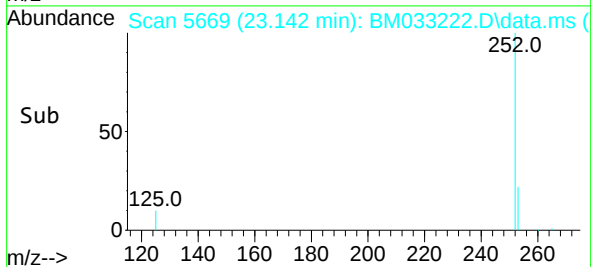
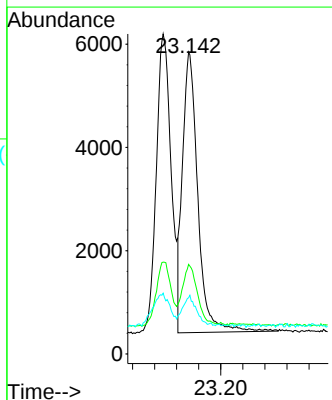
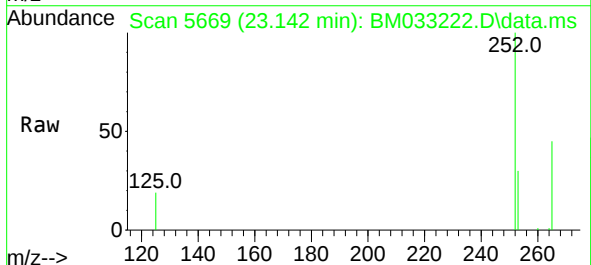
Instrument :
BNA_M
ClientSampleId :
SLCS813

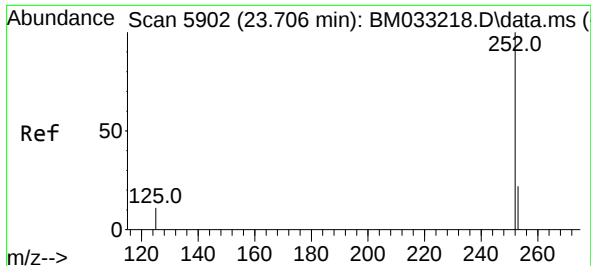
Tgt Ion:252 Resp: 10902
Ion Ratio Lower Upper
252 100
253 28.7 0.0 59.2
125 19.0 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.319 ng/ul
RT: 23.142 min Scan# 5669
Delta R.T. -0.007 min
Lab File: BM033222.D
Acq: 22 Nov 2021 19:01

Tgt Ion:252 Resp: 10461
Ion Ratio Lower Upper
252 100
253 29.7 23.1 34.7
125 18.6 14.6 21.8

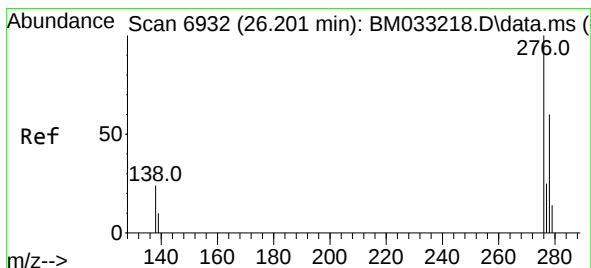
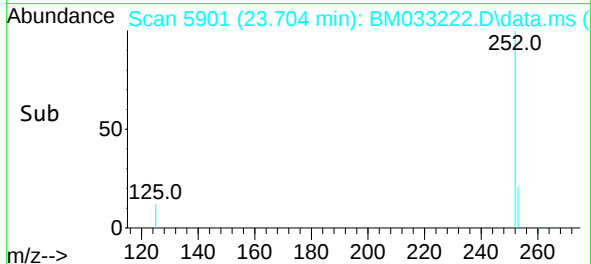
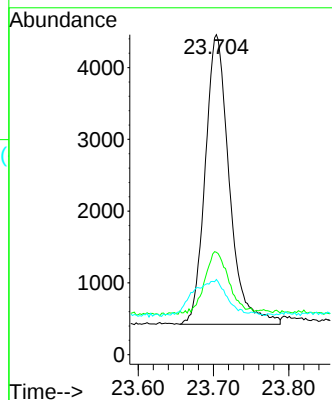
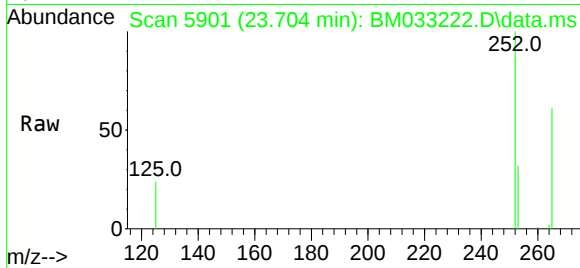




#26
Benzo(a)pyrene
Concen: 0.326 ng/ul
RT: 23.704 min Scan# 5902
Delta R.T. -0.007 min
Lab File: BM033222.D
Acq: 22 Nov 2021 19:01

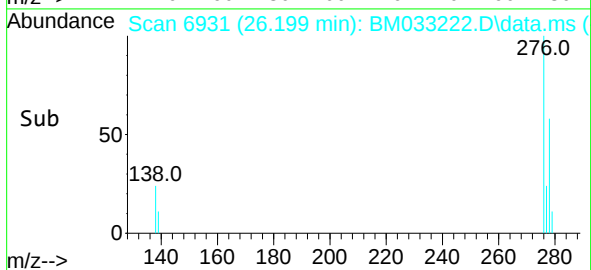
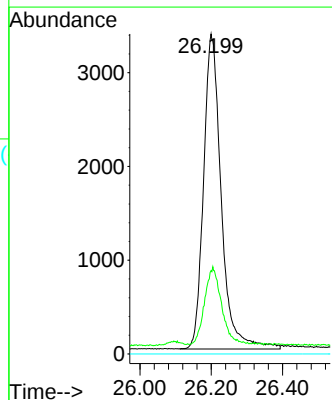
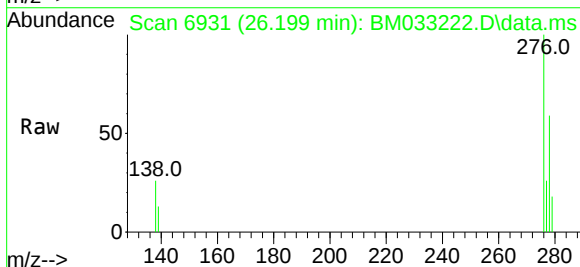
Instrument :
BNA_M
ClientSampleId :
SLCS813

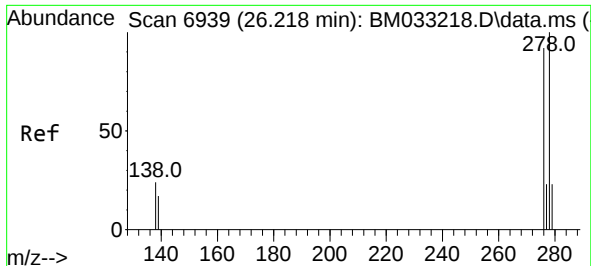
Tgt Ion:	252	Resp:	8978
Ion Ratio	Lower	Upper	
252	100		
253	32.0	27.1	40.7
125	23.5	17.4	26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng/ul
RT: 26.199 min Scan# 6931
Delta R.T. -0.007 min
Lab File: BM033222.D
Acq: 22 Nov 2021 19:01

Tgt Ion:	276	Resp:	11551
Ion Ratio	Lower	Upper	
276	100		
138	23.5	22.9	34.3
227	0.0	0.0	0.0

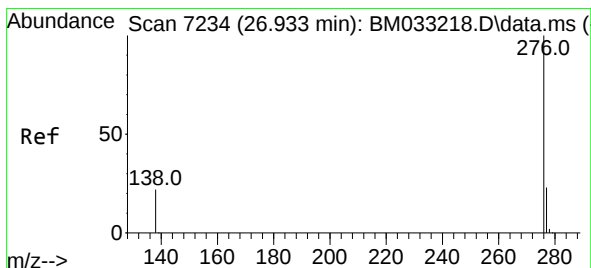
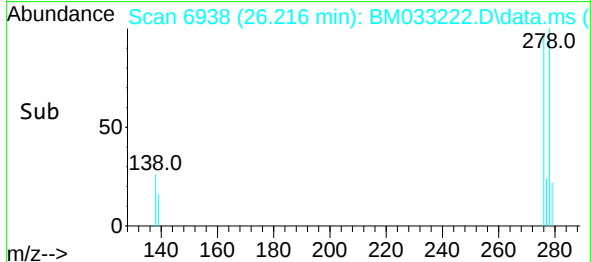
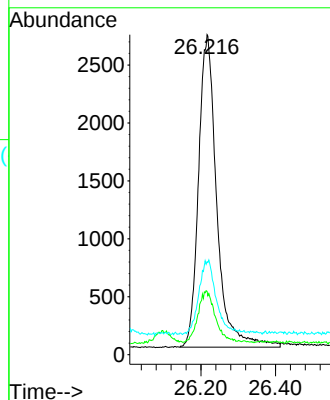
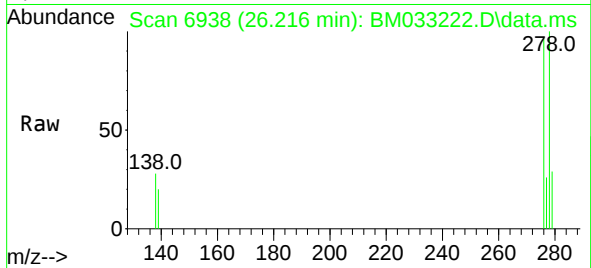




#28
Dibenzo(a,h)anthracene
Concen: 0.330 ng/ul
RT: 26.216 min Scan# 6939
Delta R.T. -0.010 min
Lab File: BM033222.D
Acq: 22 Nov 2021 19:01

Instrument :
BNA_M
ClientSampleId :
SLCS813

Tgt Ion:278 Resp: 9170
Ion Ratio Lower Upper
278 100
139 19.8 18.2 27.2
279 29.0 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.328 ng/ul
RT: 26.938 min Scan# 7236
Delta R.T. 0.000 min
Lab File: BM033222.D
Acq: 22 Nov 2021 19:01

Tgt Ion:276 Resp: 10225
Ion Ratio Lower Upper
276 100
138 23.1 22.2 33.2
277 25.2 21.0 31.4

