

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032920.D
 Acq On : 09 Nov 2021 18:59
 Operator : CG/JU
 Sample : PB140593BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS593

Quant Time: Nov 10 05:53:29 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 : Tue Nov 09 13:31:56 2021
 Response via : Initial Calibration

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

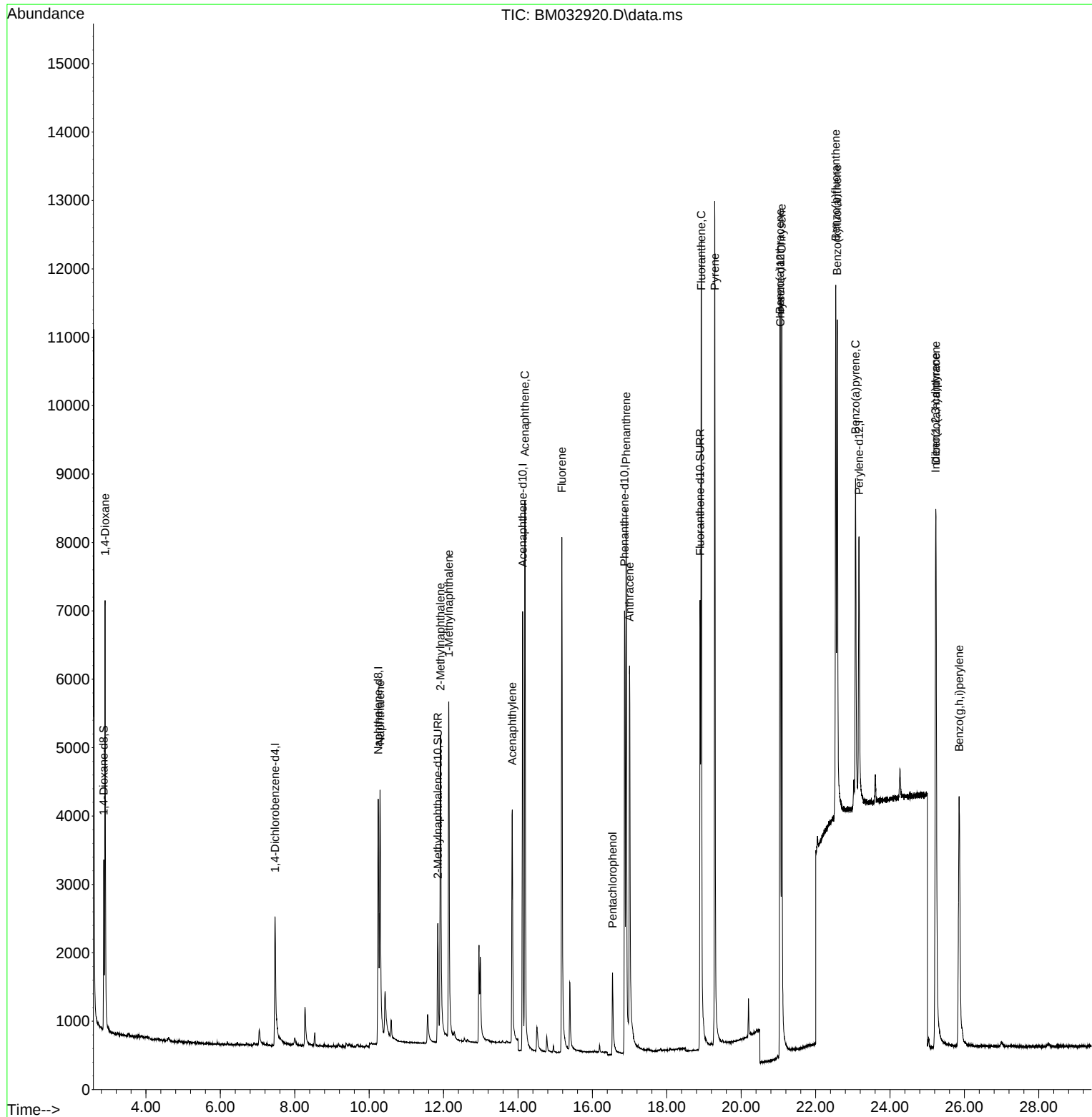
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.469	152	1599	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	6027	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.125	164	3776	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.865	188	8048	0.400	ng/ul	0.00
17) Chrysene-d12	21.054	240	6579	0.400	ng/ul	0.00
23) Perylene-d12	23.168	264	5155	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.867	96	1487	0.728	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.845	152	3121	0.365	ng/ul	0.00
18) Fluoranthene-d10	18.896	212	7431	0.373	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.902	88	4009	1.912	ng/ul#	90
5) Naphthalene	10.293	128	6316	0.361	ng/ul	99
7) 2-Methylnaphthalene	11.917	142	4128	0.340	ng/ul	100
8) 1-Methylnaphthalene	12.142	142	3973	0.335	ng/ul	100
10) Acenaphthylene	13.846	152	5387	0.328	ng/ul	100
11) Acenaphthene	14.186	153	4983	0.348	ng/ul	98
12) Fluorene	15.179	166	5780	0.342	ng/ul	99
14) Pentachlorophenol	16.543	266	1073	0.512	ng/ul	98
15) Phenanthrene	16.907	178	9284	0.347	ng/ul	99
16) Anthracene	17.001	178	7618	0.324	ng/ul	99
19) Fluoranthene	18.926	202	10914	0.354	ng/ul	98
20) Pyrene	19.289	202	11283	0.351	ng/ul	98
21) Benzo(a)anthracene	21.040	228	8384	0.345	ng/ul	99
22) Chrysene	21.090	228	10062	0.367	ng/ul	100
24) Benzo(b)fluoranthene	22.543	252	8984	0.380	ng/ul	97
25) Benzo(k)fluoranthene	22.582	252	10003	0.394	ng/ul	97
26) Benzo(a)pyrene	23.074	252	7206	0.370	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.230	276	8420	0.375	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.232	278	6727	0.379	ng/ul	98
29) Benzo(g,h,i)perylene	25.857	276	7537	0.387	ng/ul	100

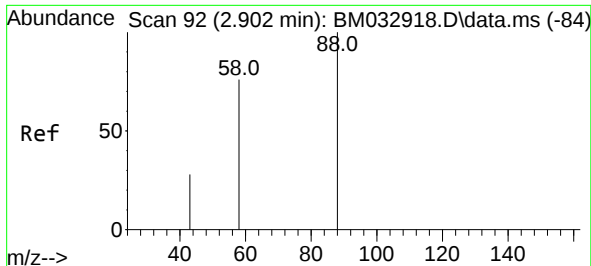
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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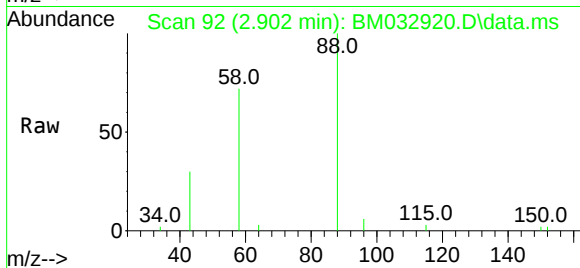
Quant Time: Nov 10 05:53:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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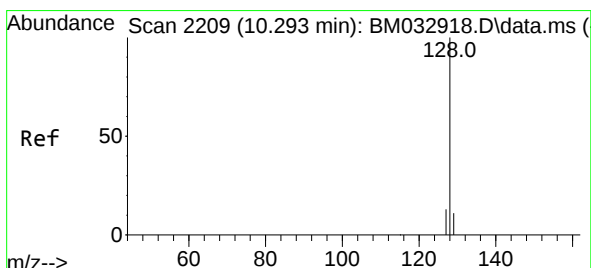
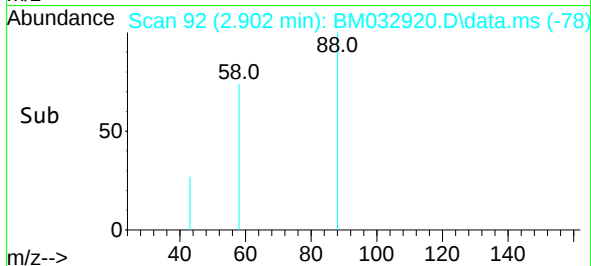
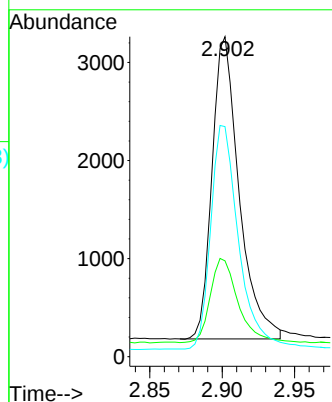


#2
1,4-Dioxane
Concen: 1.912 ng/ul
RT: 2.902 min Scan# 91
Delta R.T. -0.001 min
Lab File: BM032920.D
Acq: 09 Nov 2021 18:59

Instrument :
BNA_M
ClientSampleId :
SLCS593

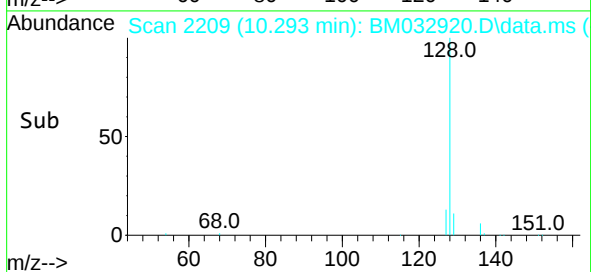
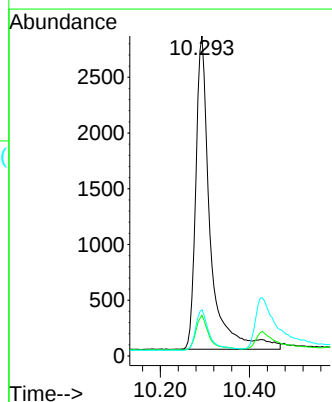
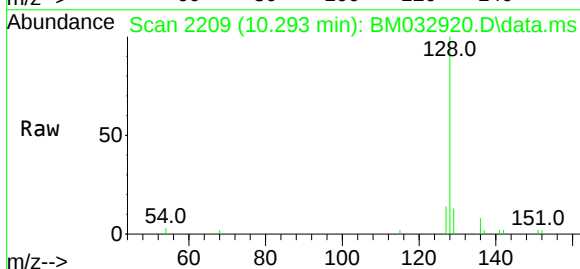


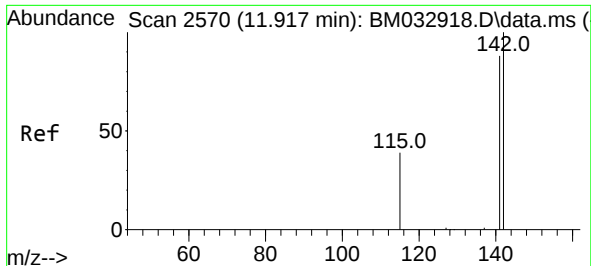
Tgt Ion: 88 Resp: 4009
Ion Ratio Lower Upper
88 100
43 30.0 35.8 53.8#
58 71.9 55.8 83.8



#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.293 min Scan# 2209
Delta R.T. 0.004 min
Lab File: BM032920.D
Acq: 09 Nov 2021 18:59

Tgt Ion: 128 Resp: 6316
Ion Ratio Lower Upper
128 100
129 12.7 9.8 14.6
127 14.4 11.8 17.8

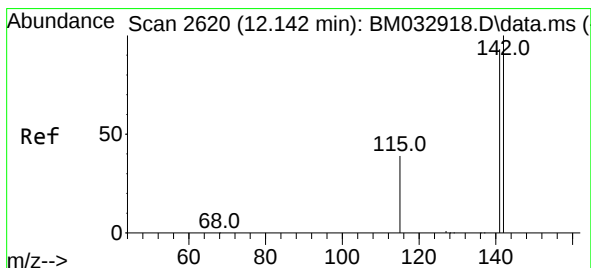
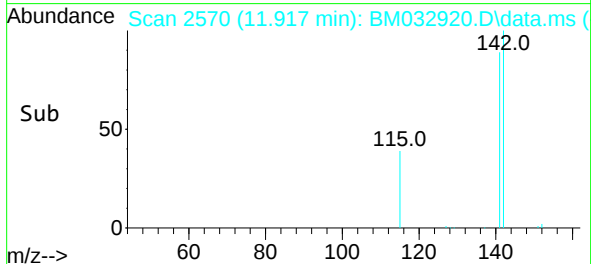
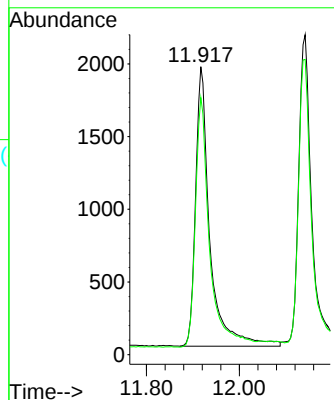
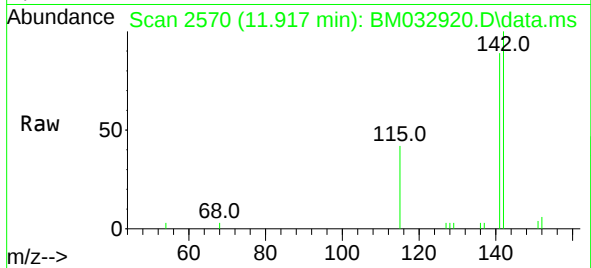




#7
2-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 11.917 min Scan# 2570
Delta R.T. 0.004 min
Lab File: BM032920.D
Acq: 09 Nov 2021 18:59

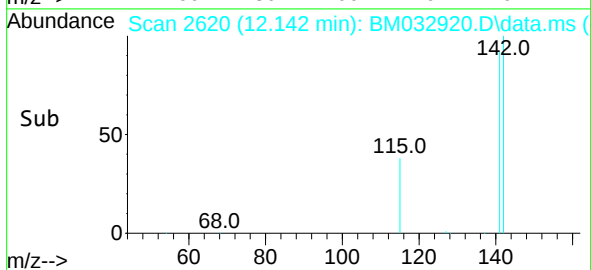
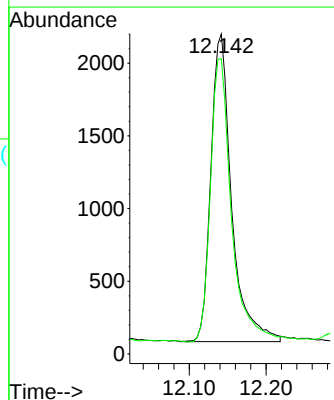
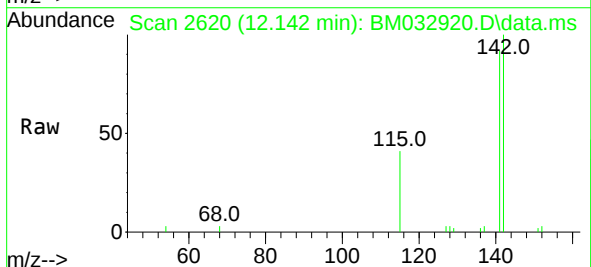
Instrument :
BNA_M
ClientSampleId :
SLCS593

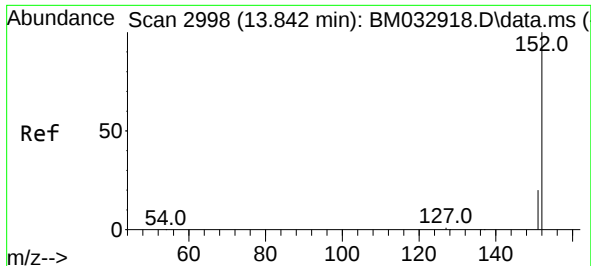
Tgt Ion:142 Resp: 4128
Ion Ratio Lower Upper
142 100
141 91.7 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.142 min Scan# 2620
Delta R.T. 0.004 min
Lab File: BM032920.D
Acq: 09 Nov 2021 18:59

Tgt Ion:142 Resp: 3973
Ion Ratio Lower Upper
142 100
141 93.4 74.5 111.7

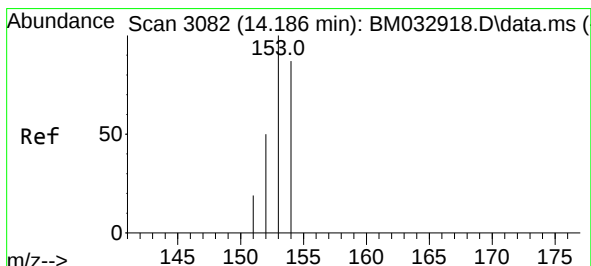
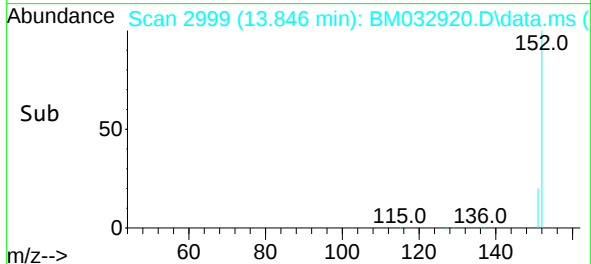
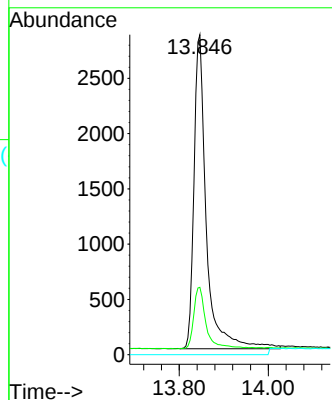
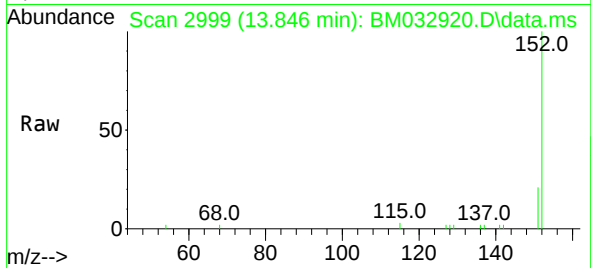




#10
Acenaphthylene
Concen: 0.328 ng/ul
RT: 13.846 min Scan# 2998
Delta R.T. 0.004 min
Lab File: BM032920.D
Acq: 09 Nov 2021 18:59

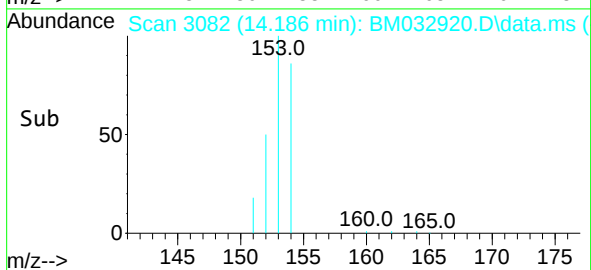
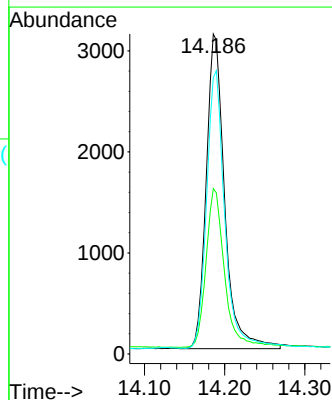
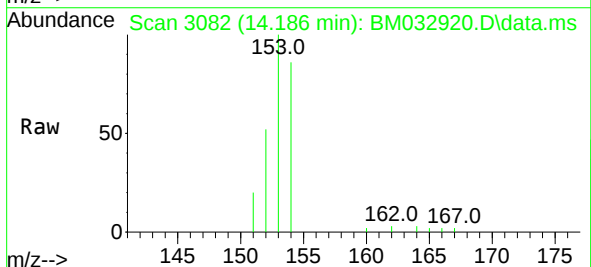
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ClientSampleId :
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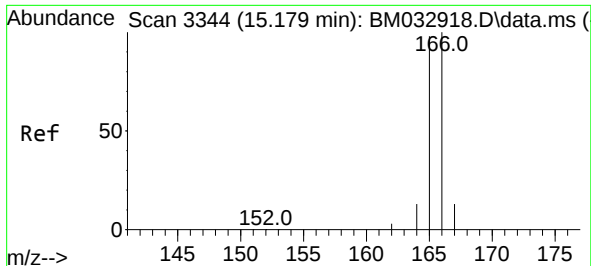
Tgt Ion:152 Resp: 5387
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.348 ng/ul
RT: 14.186 min Scan# 3082
Delta R.T. -0.001 min
Lab File: BM032920.D
Acq: 09 Nov 2021 18:59

Tgt Ion:153 Resp: 4983
Ion Ratio Lower Upper
153 100
152 51.7 40.6 60.8
154 86.3 70.8 106.2

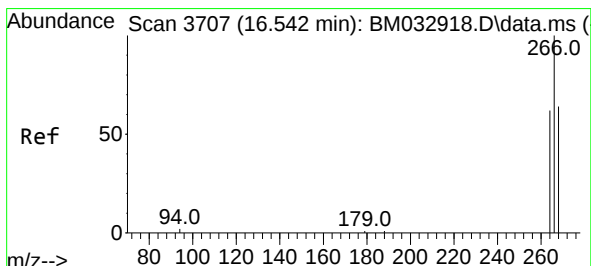
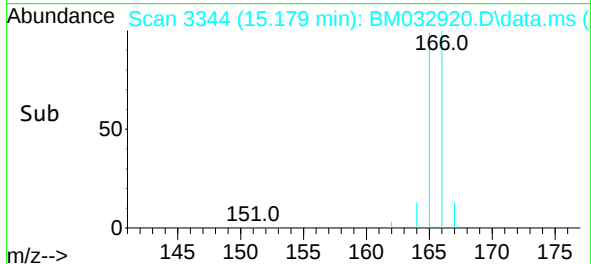
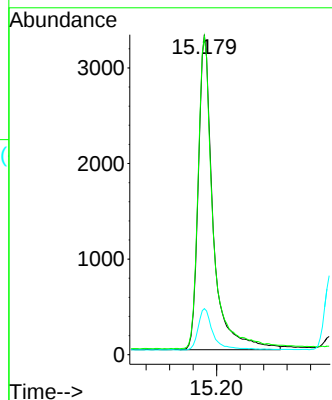
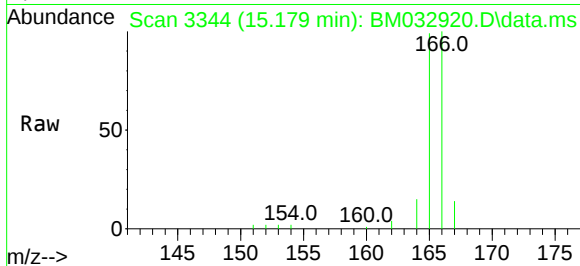




#12
Fluorene
Concen: 0.342 ng/ul
RT: 15.179 min Scan# 31
Delta R.T. 0.003 min
Lab File: BM032920.D
Acq: 09 Nov 2021 18:59

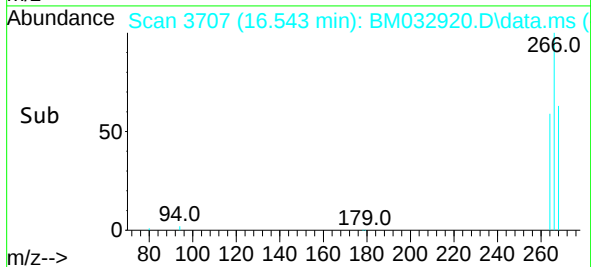
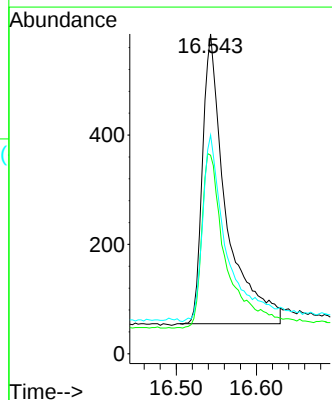
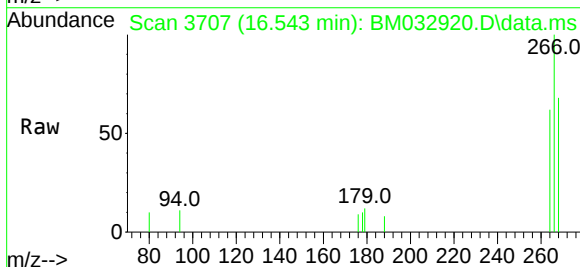
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ClientSampleId :
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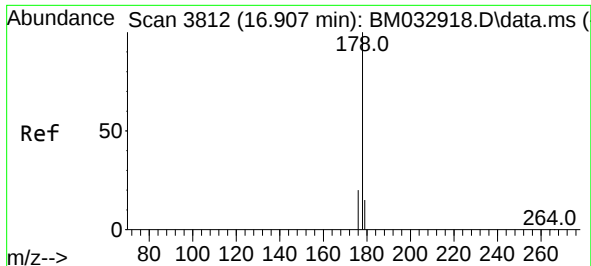
Tgt Ion:166 Resp: 5780
Ion Ratio Lower Upper
166 100
165 99.4 80.8 121.2
167 14.4 11.7 17.5



#14
Pentachlorophenol
Concen: 0.512 ng/ul
RT: 16.543 min Scan# 3707
Delta R.T. -0.001 min
Lab File: BM032920.D
Acq: 09 Nov 2021 18:59

Tgt Ion:266 Resp: 1073
Ion Ratio Lower Upper
266 100
264 62.3 51.2 76.8
268 65.2 52.9 79.3

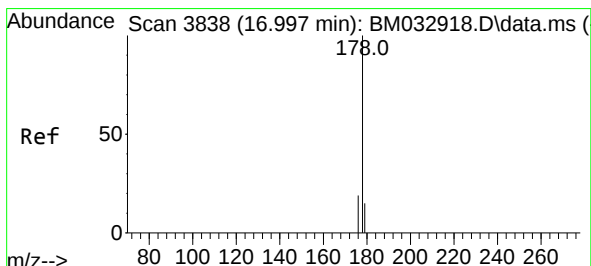
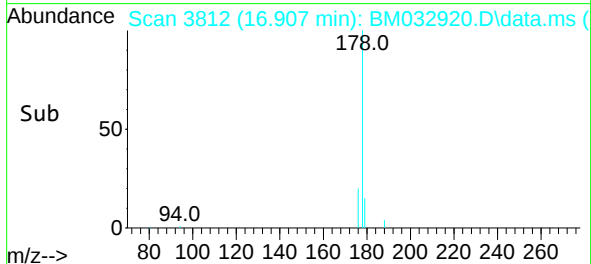
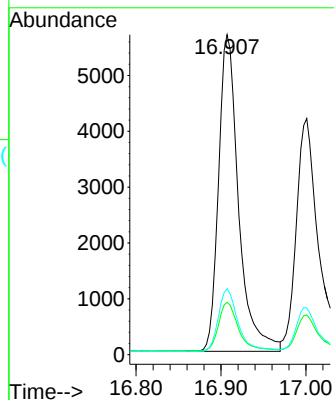
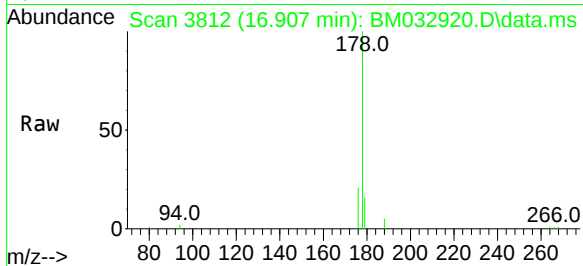




#15
Phenanthrene
Concen: 0.347 ng/ul
RT: 16.907 min Scan# 3812
Delta R.T. -0.001 min
Lab File: BM032920.D
Acq: 09 Nov 2021 18:59

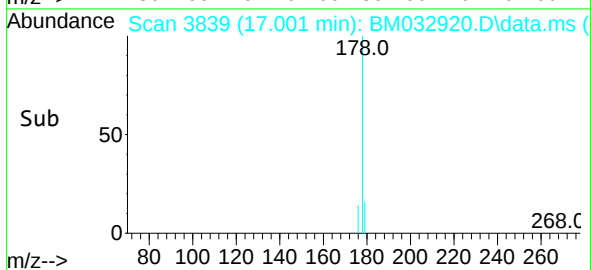
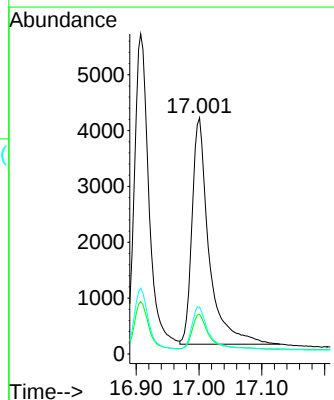
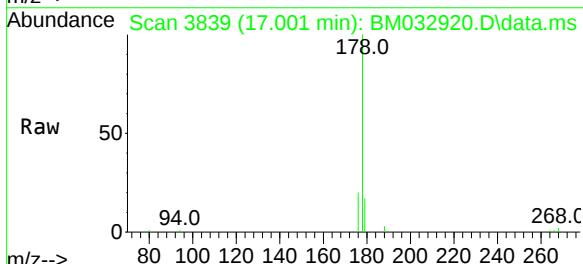
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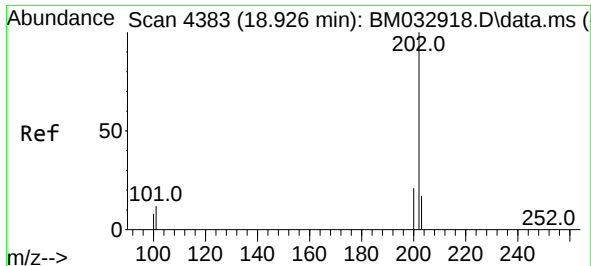
Tgt Ion:178 Resp: 9284
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 20.6 16.0 24.0



#16
Anthracene
Concen: 0.324 ng/ul
RT: 17.001 min Scan# 3839
Delta R.T. 0.003 min
Lab File: BM032920.D
Acq: 09 Nov 2021 18:59

Tgt Ion:178 Resp: 7618
Ion Ratio Lower Upper
178 100
179 16.8 13.0 19.6
176 19.8 15.6 23.4

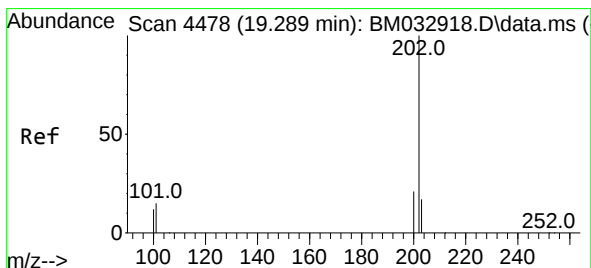
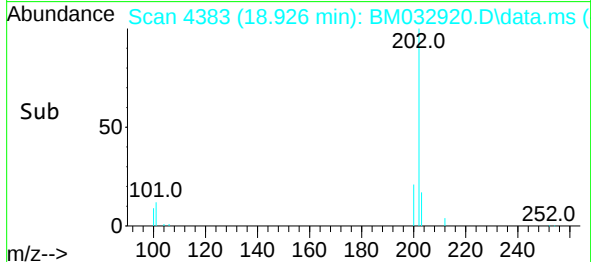
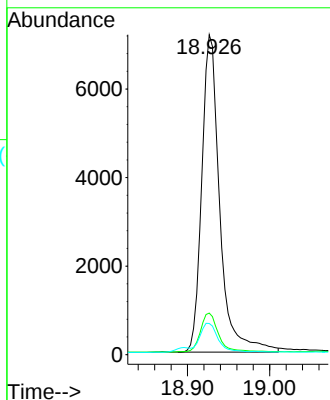
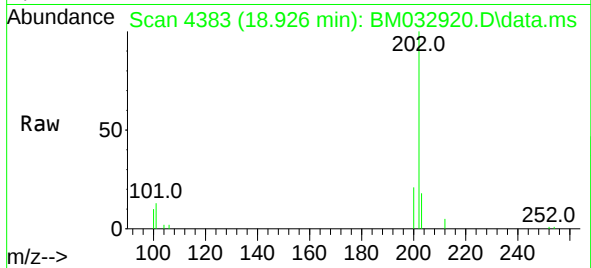




#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 18.926 min Scan# 4383
Delta R.T. -0.001 min
Lab File: BM032920.D
Acq: 09 Nov 2021 18:59

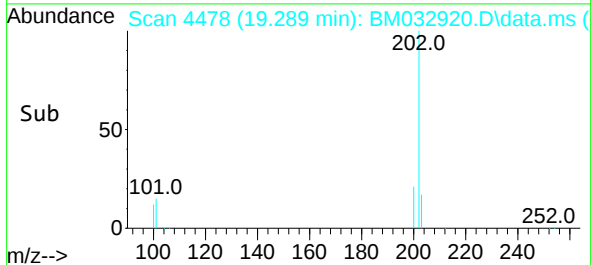
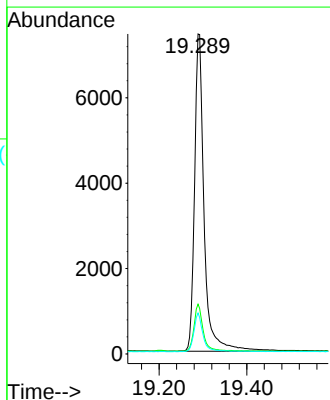
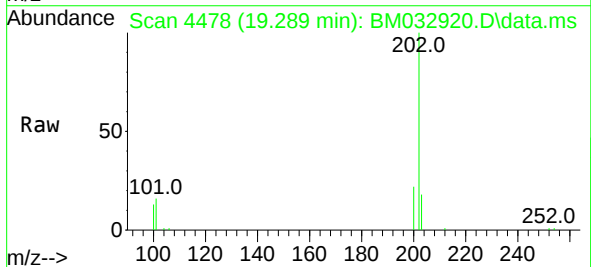
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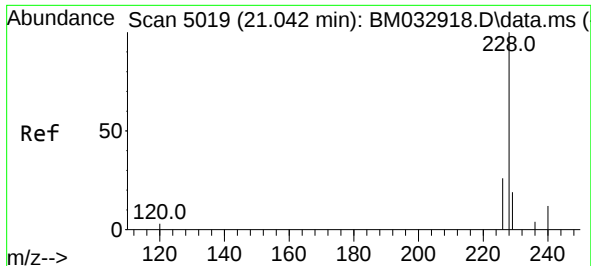
Tgt Ion:202 Resp: 10914
Ion Ratio Lower Upper
202 100
101 13.0 9.9 14.9
100 9.7 7.3 10.9



#20
Pyrene
Concen: 0.351 ng/ul
RT: 19.289 min Scan# 4478
Delta R.T. -0.001 min
Lab File: BM032920.D
Acq: 09 Nov 2021 18:59

Tgt Ion:202 Resp: 11283
Ion Ratio Lower Upper
202 100
101 15.5 11.8 17.6
100 12.8 9.5 14.3

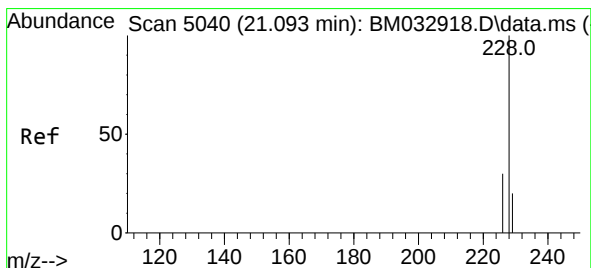
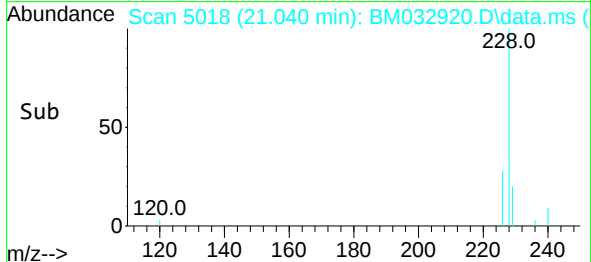
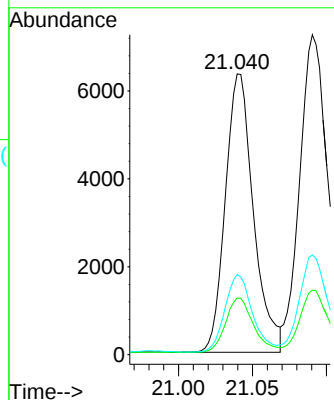
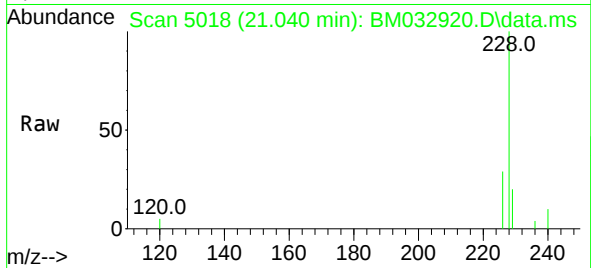




#21
Benzo(a)anthracene
Concen: 0.345 ng/ul
RT: 21.040 min Scan# 5019
Delta R.T. 0.001 min
Lab File: BM032920.D
Acq: 09 Nov 2021 18:59

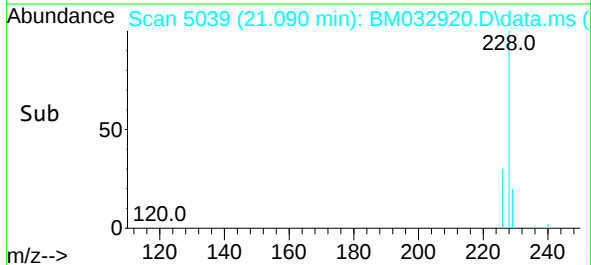
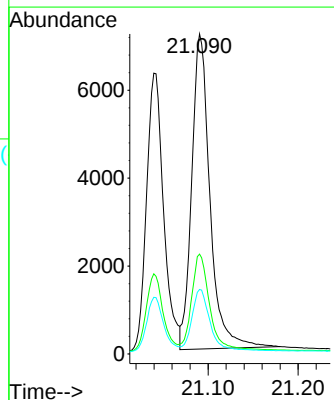
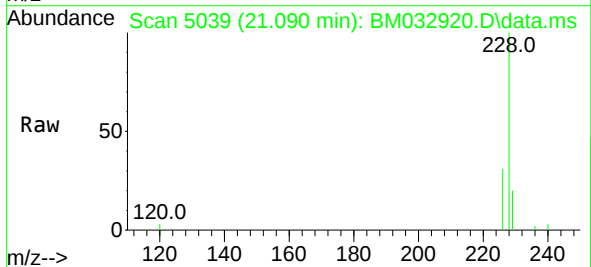
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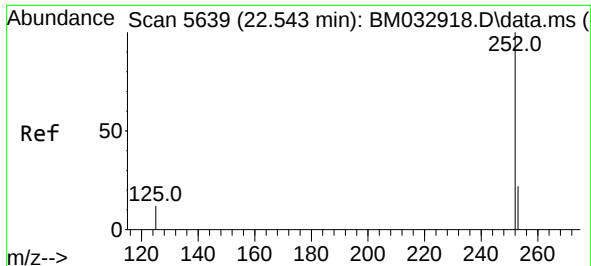
Tgt Ion:228 Resp: 8384
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 28.5 22.4 33.6



#22
Chrysene
Concen: 0.367 ng/ul
RT: 21.090 min Scan# 5039
Delta R.T. -0.001 min
Lab File: BM032920.D
Acq: 09 Nov 2021 18:59

Tgt Ion:228 Resp: 10062
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 20.1 16.1 24.1

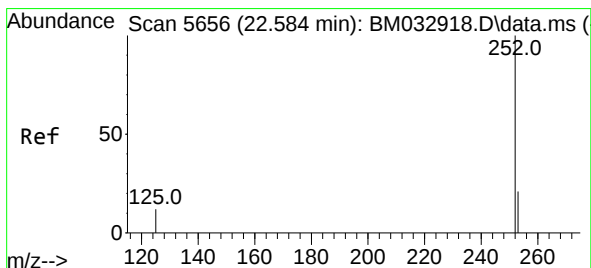
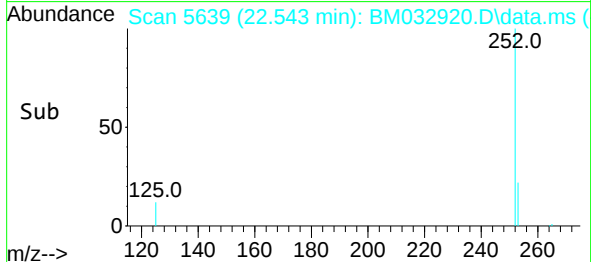
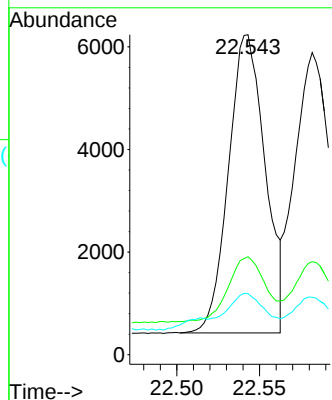
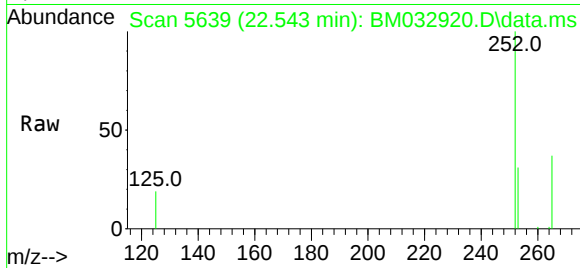




#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 22.543 min Scan# 5639
Delta R.T. 0.001 min
Lab File: BM032920.D
Acq: 09 Nov 2021 18:59

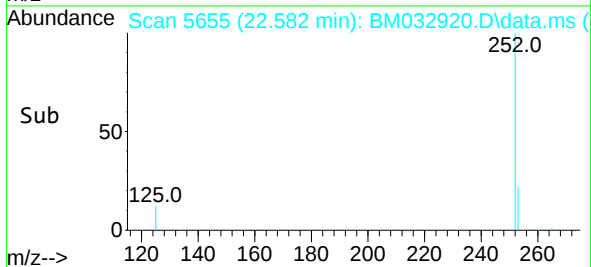
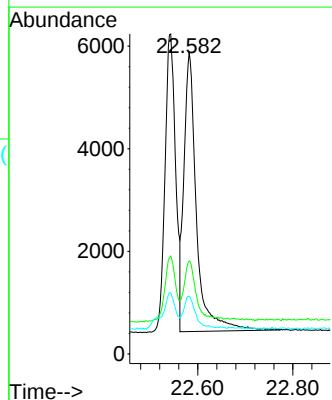
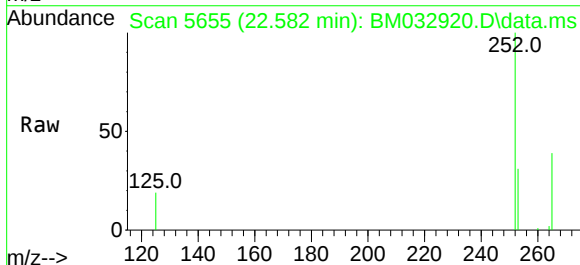
Instrument :
BNA_M
ClientSampleId :
SLCS593

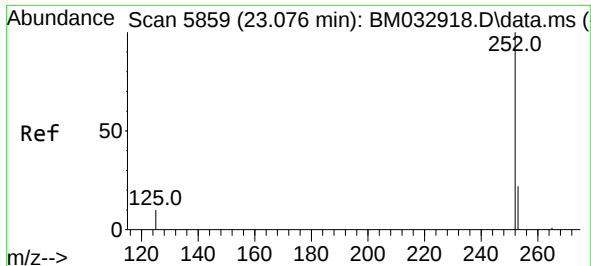
Tgt Ion:252 Resp: 8984
Ion Ratio Lower Upper
252 100
253 30.6 0.0 59.2
125 19.0 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul
RT: 22.582 min Scan# 5655
Delta R.T. -0.001 min
Lab File: BM032920.D
Acq: 09 Nov 2021 18:59

Tgt Ion:252 Resp: 10003
Ion Ratio Lower Upper
252 100
253 30.8 23.1 34.7
125 19.0 14.6 21.8

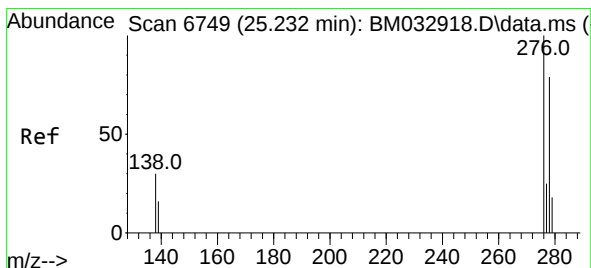
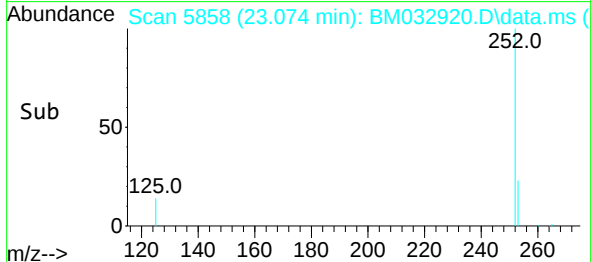
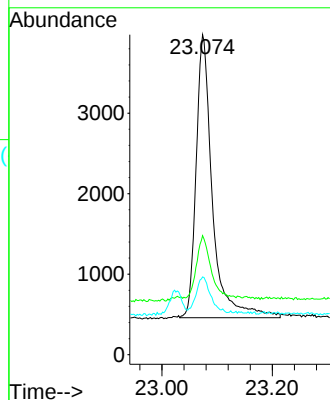
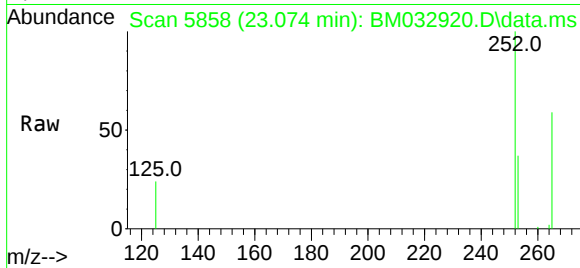




#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.074 min Scan# 5859
Delta R.T. 0.001 min
Lab File: BM032920.D
Acq: 09 Nov 2021 18:59

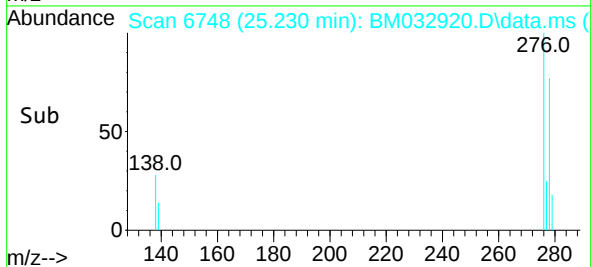
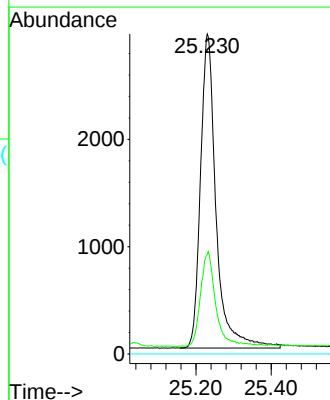
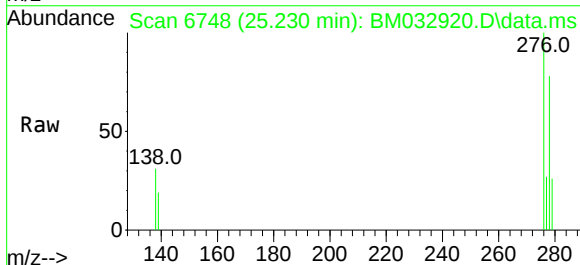
Instrument :
BNA_M
ClientSampleId :
SLCS593

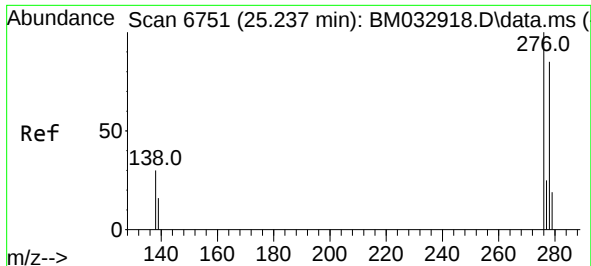
Tgt Ion:252 Resp: 7206
Ion Ratio Lower Upper
252 100
253 37.2 27.1 40.7
125 24.3 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 25.230 min Scan# 6748
Delta R.T. -0.004 min
Lab File: BM032920.D
Acq: 09 Nov 2021 18:59

Tgt Ion:276 Resp: 8420
Ion Ratio Lower Upper
276 100
138 29.0 22.9 34.3
227 0.0 0.0 0.0

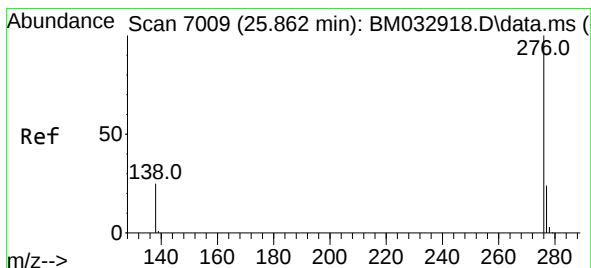
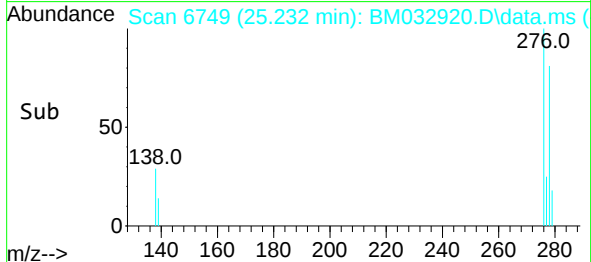
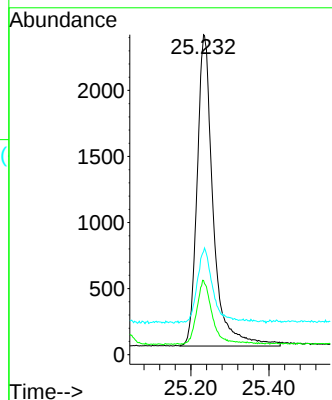
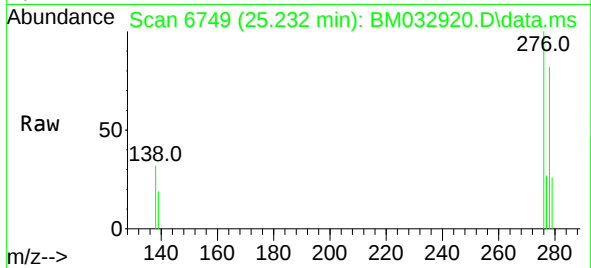




#28
Dibenzo(a,h)anthracene
Concen: 0.379 ng/ul
RT: 25.232 min Scan# 6749
Delta R.T. -0.004 min
Lab File: BM032920.D
Acq: 09 Nov 2021 18:59

Instrument :
BNA_M
ClientSampleId :
SLCS593

Tgt Ion:278 Resp: 6727
Ion Ratio Lower Upper
278 100
139 23.2 18.2 27.2
279 32.2 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.387 ng/ul
RT: 25.857 min Scan# 7007
Delta R.T. -0.004 min
Lab File: BM032920.D
Acq: 09 Nov 2021 18:59

Tgt Ion:276 Resp: 7537
Ion Ratio Lower Upper
276 100
138 27.9 22.2 33.2
277 26.0 21.0 31.4

