

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071621\
 Data File : BM030995.D
 Acq On : 16 Jul 2021 18:28
 Operator : CG/JU
 Sample : PB137574BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS574

Quant Time: Jul 16 19:08:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM071321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 16 16:49:56 2021
 Response via : Initial Calibration

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

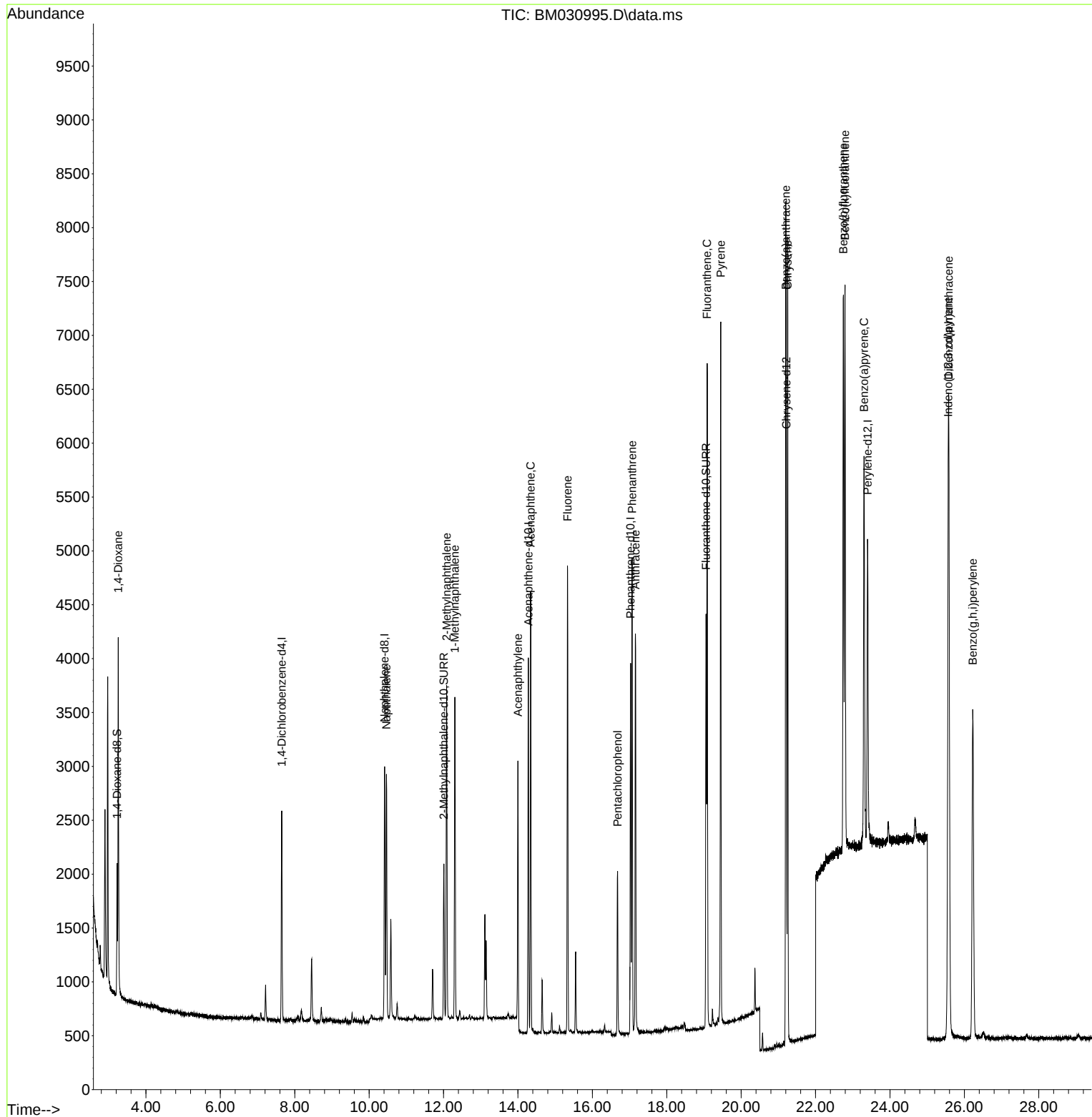
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	946	0.40	ng/ul	0.00
4) Naphthalene-d8	10.415	136	3103	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.280	164	1909	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.027	188	4122	0.40	ng/ul	0.00
17) Chrysene-d12	21.214	240	3738	0.40	ng/ul	0.00
23) Perylene-d12	23.399	264	3576	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.224	96	696	0.72	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.007	152	1861	0.34	ng/ul	0.00
18) Fluoranthene-d10	19.054	212	4561	0.36	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.255	88	1943	1.79	ng/ul#	83
5) Naphthalene	10.464	128	3065	0.33	ng/ul	100
7) 2-Methylnaphthalene	12.083	142	2138	0.33	ng/ul	99
8) 1-Methylnaphthalene	12.304	142	1966	0.31	ng/ul	100
10) Acenaphthylene	13.999	152	2384	0.25	ng/ul#	84
11) Acenaphthene	14.341	153	2235	0.33	ng/ul	94
12) Fluorene	15.331	166	2684	0.33	ng/ul	99
14) Pentachlorophenol	16.676	266	978	0.67	ng/ul	100
15) Phenanthrene	17.068	178	4495	0.35	ng/ul	99
16) Anthracene	17.159	178	4171	0.34	ng/ul	98
19) Fluoranthene	19.085	202	5582	0.34	ng/ul	99
20) Pyrene	19.451	202	5755	0.35	ng/ul	99
21) Benzo(a)anthracene	21.200	228	5829	0.36	ng/ul	99
22) Chrysene	21.248	228	6143	0.37	ng/ul	100
24) Benzo(b)fluoranthene	22.745	252	6506	0.38	ng/ul	95
25) Benzo(k)fluoranthene	22.791	252	6520	0.37	ng/ul	97
26) Benzo(a)pyrene	23.302	252	5434	0.36	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.565	276	7642	0.38	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.582	278	6103	0.37	ng/ul	96
29) Benzo(g,h,i)perylene	26.226	276	6358	0.37	ng/ul	99

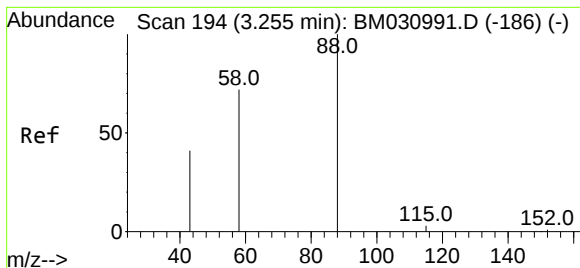
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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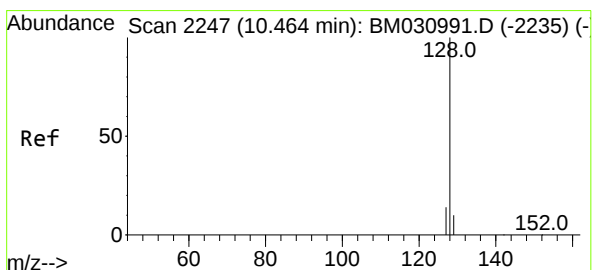
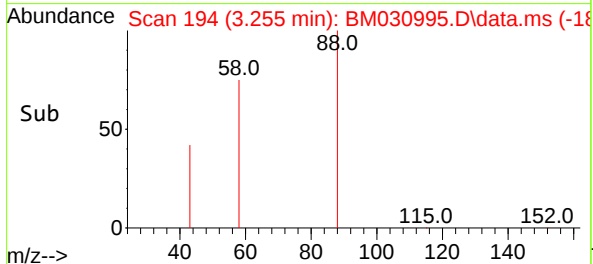
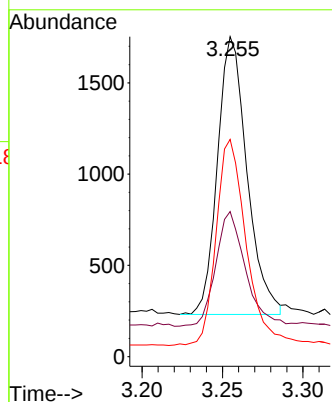
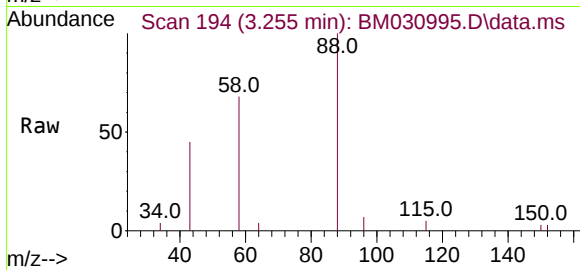




#2
1,4-Dioxane
Concen: 1.79 ng/ul
RT: 3.255 min Scan# 194
Delta R.T. -0.000 min
Lab File: BM030995.D
Acq: 16 Jul 2021 18:28

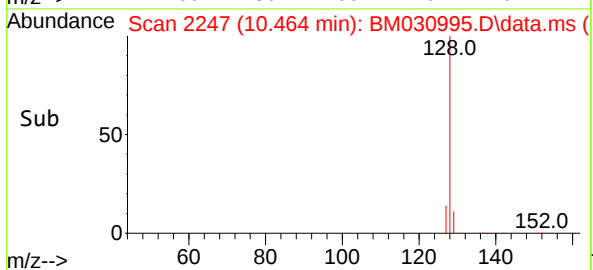
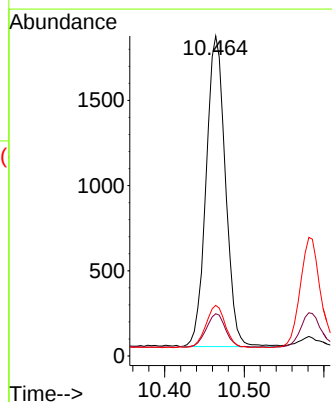
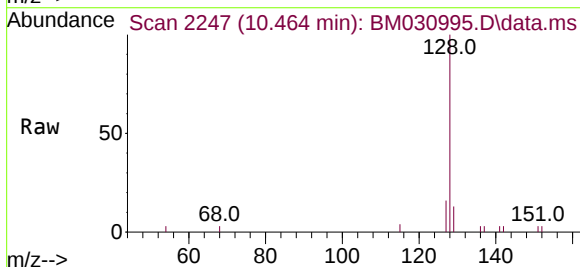
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BNA_M
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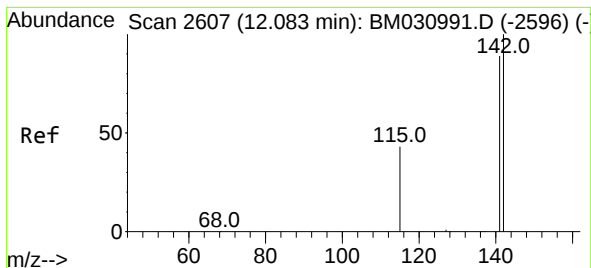
Tgt Ion: 88 Resp: 1943
Ion Ratio Lower Upper
88 100
43 45.4 48.2 72.4#
58 67.9 46.0 69.0



#5
Naphthalene
Concen: 0.33 ng/ul
RT: 10.464 min Scan# 2247
Delta R.T. -0.000 min
Lab File: BM030995.D
Acq: 16 Jul 2021 18:28

Tgt Ion: 128 Resp: 3065
Ion Ratio Lower Upper
128 100
129 13.2 10.7 16.1
127 15.8 12.7 19.1

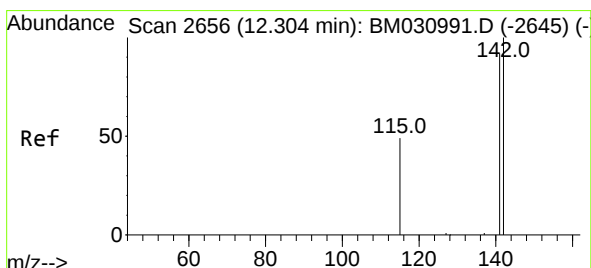
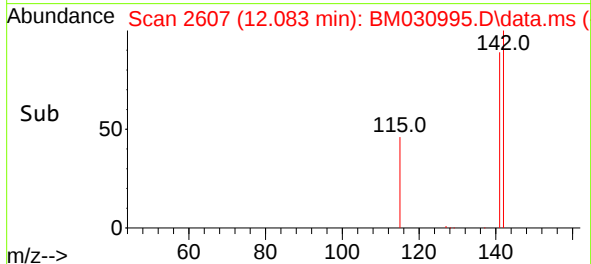
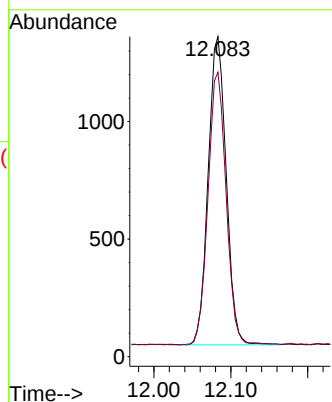
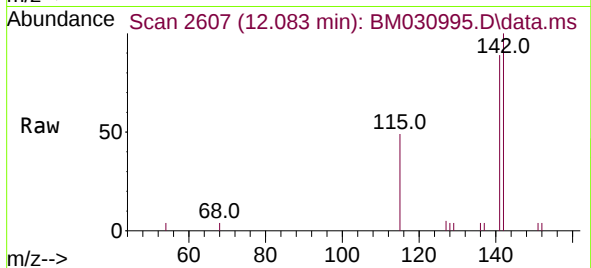




#7
2-Methylnaphthalene
Concen: 0.33 ng/ul
RT: 12.083 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BM030995.D
Acq: 16 Jul 2021 18:28

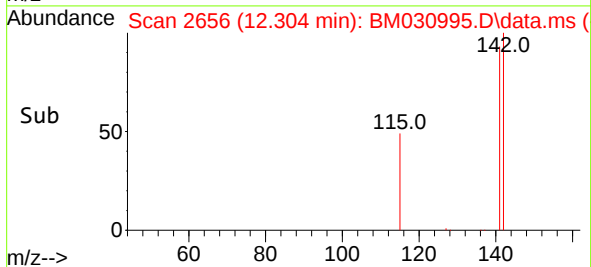
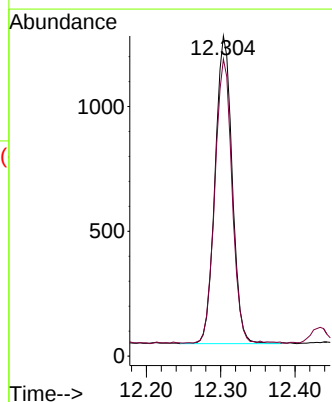
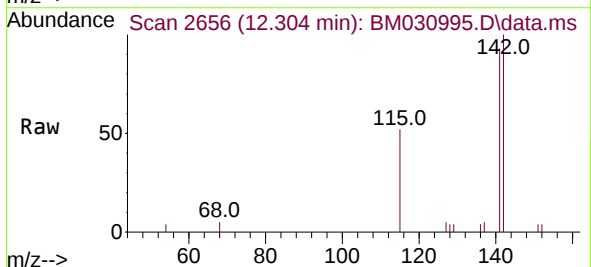
Instrument :
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ClientSampled :
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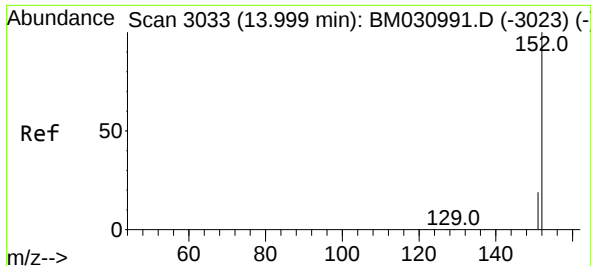
Tgt Ion:142 Resp: 2138
Ion Ratio Lower Upper
142 100
141 88.9 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.31 ng/ul
RT: 12.304 min Scan# 2656
Delta R.T. -0.000 min
Lab File: BM030995.D
Acq: 16 Jul 2021 18:28

Tgt Ion:142 Resp: 1966
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.8

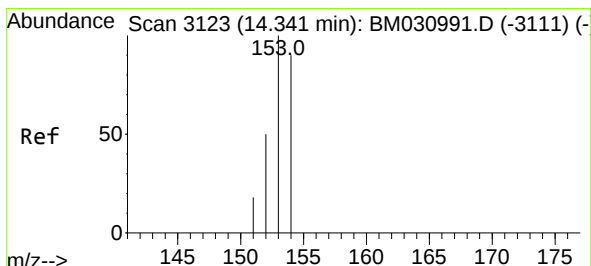
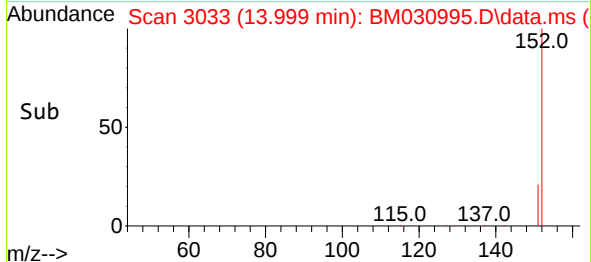
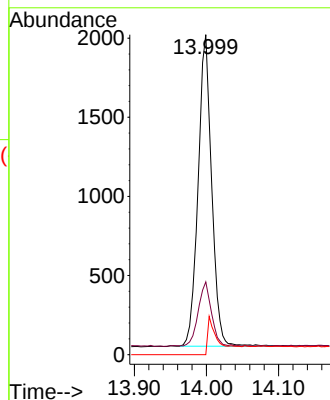
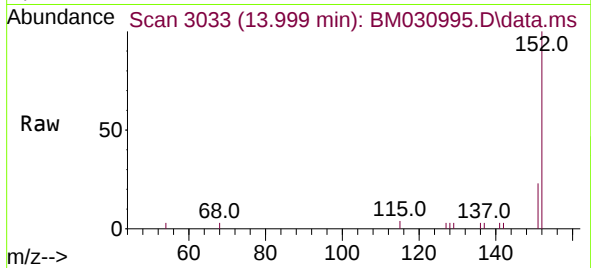




#10
Acenaphthylene
Concen: 0.25 ng/ul
RT: 13.999 min Scan# 3033
Delta R.T. -0.000 min
Lab File: BM030995.D
Acq: 16 Jul 2021 18:28

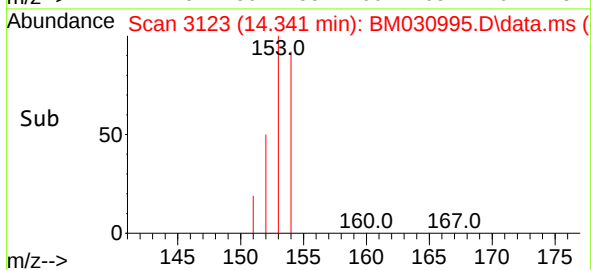
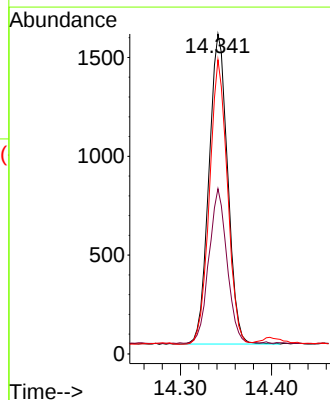
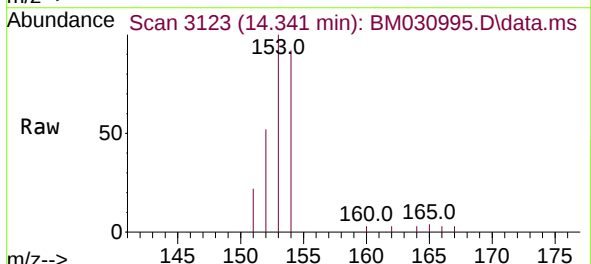
Instrument :
BNA_M
ClientSampled :
SLCS574

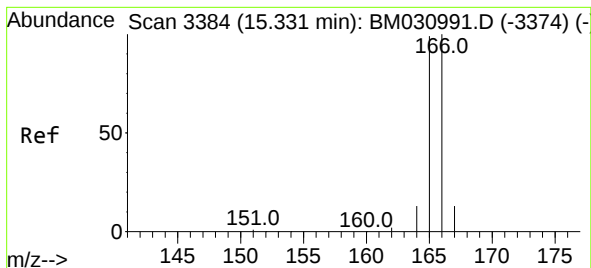
Tgt Ion:152	Resp:	2384
Ion Ratio	Lower	Upper
152	100	
151	22.7	17.2 25.8
153	0.0	12.0 18.0#



#11
Acenaphthene
Concen: 0.33 ng/ul
RT: 14.341 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BM030995.D
Acq: 16 Jul 2021 18:28

Tgt Ion:153	Resp:	2235
Ion Ratio	Lower	Upper
153	100	
152	51.6	39.3 58.9
154	92.0	68.5 102.7





#12

Fluorene

Concen: 0.33 ng/ul

RT: 15.331 min Scan# 3384

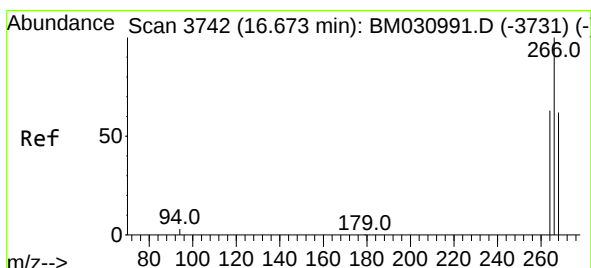
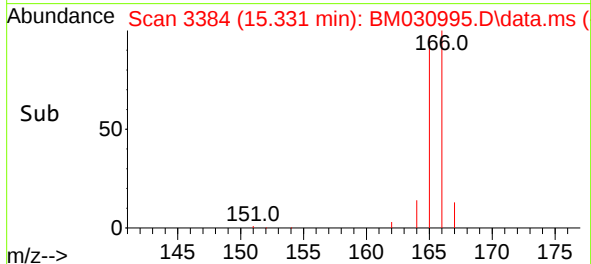
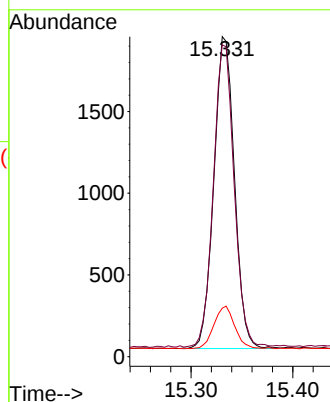
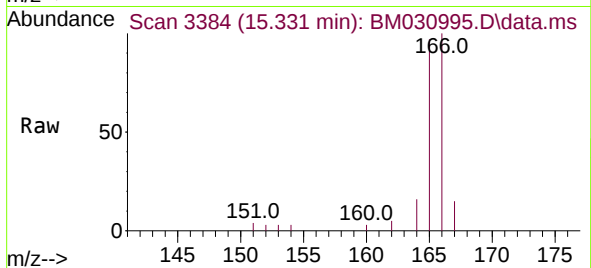
Delta R.T. -0.000 min

Lab File: BM030995.D

Acq: 16 Jul 2021 18:28

Tgt Ion:166 Resp: 2684

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.7	118.1
167	15.1	12.5	18.7



#14

Pentachlorophenol

Concen: 0.67 ng/ul

RT: 16.676 min Scan# 3743

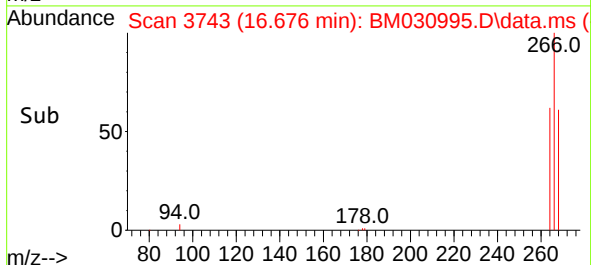
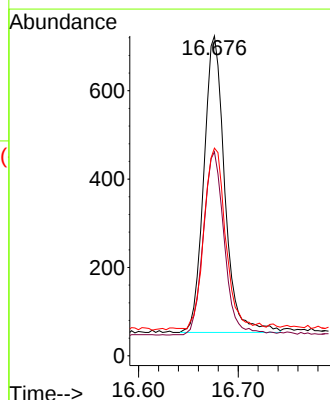
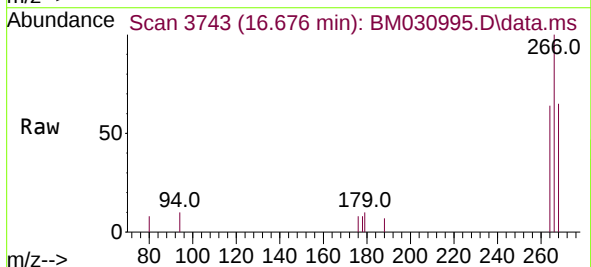
Delta R.T. 0.003 min

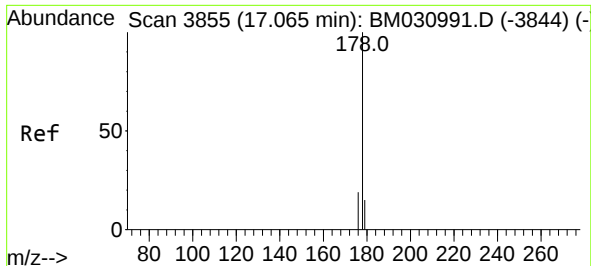
Lab File: BM030995.D

Acq: 16 Jul 2021 18:28

Tgt Ion:266 Resp: 978

Ion	Ratio	Lower	Upper
266	100		
264	62.2	49.5	74.3
268	62.7	50.4	75.6

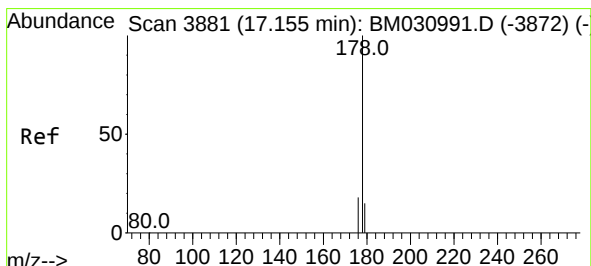
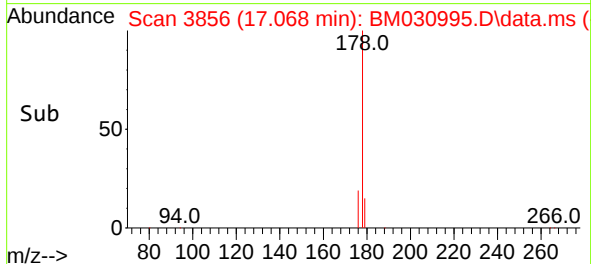
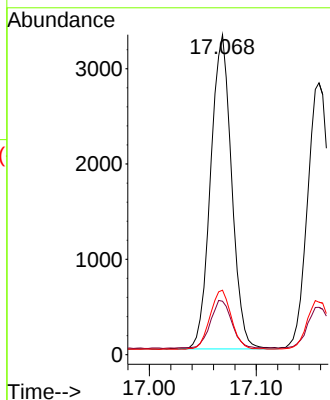
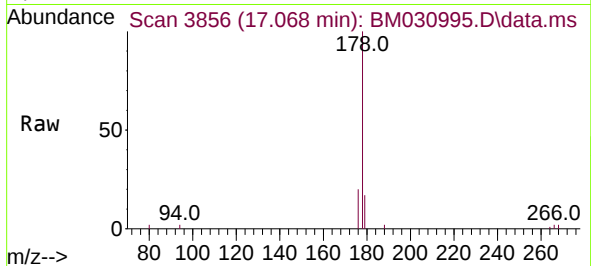




#15
Phenanthrene
Concen: 0.35 ng/ul
RT: 17.068 min Scan# 3856
Delta R.T. 0.003 min
Lab File: BM030995.D
Acq: 16 Jul 2021 18:28

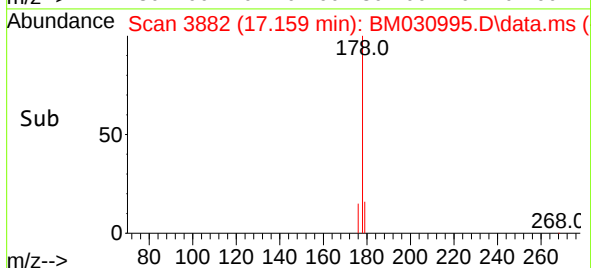
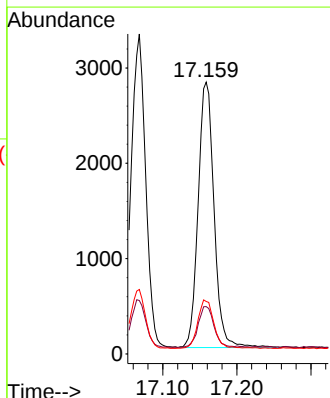
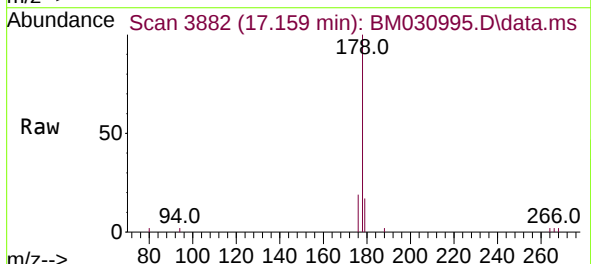
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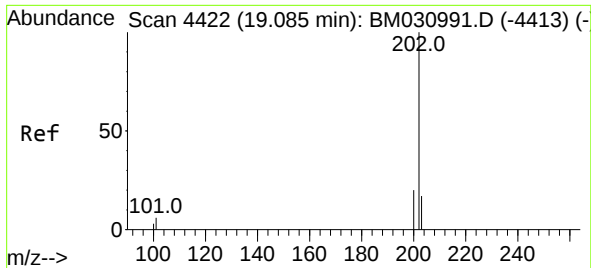
Tgt Ion:178	Resp:	4495
Ion Ratio	Lower	Upper
178	100	
179	16.7	13.8 20.6
176	20.2	16.4 24.6



#16
Anthracene
Concen: 0.34 ng/ul
RT: 17.159 min Scan# 3882
Delta R.T. 0.003 min
Lab File: BM030995.D
Acq: 16 Jul 2021 18:28

Tgt Ion:178	Resp:	4171
Ion Ratio	Lower	Upper
178	100	
179	17.4	14.5 21.7
176	19.3	16.1 24.1

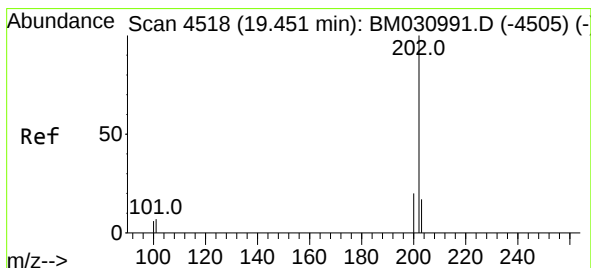
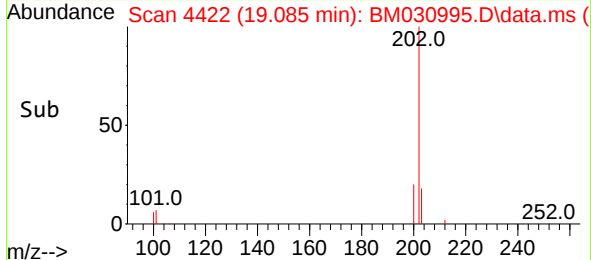
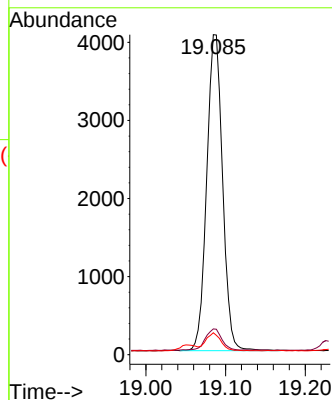
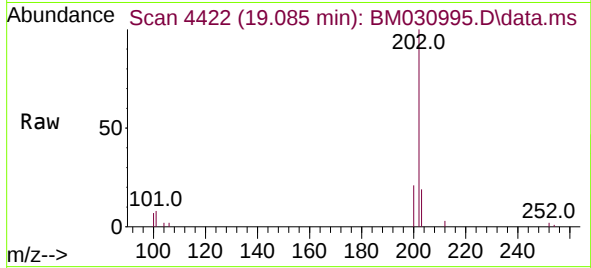




#19
Fluoranthene
Concen: 0.34 ng/ul
RT: 19.085 min Scan# 4422
Delta R.T. -0.000 min
Lab File: BM030995.D
Acq: 16 Jul 2021 18:28

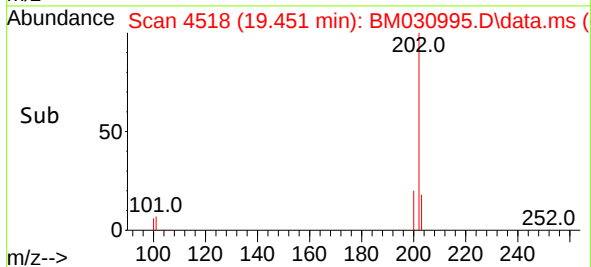
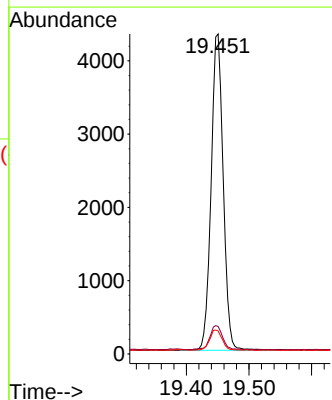
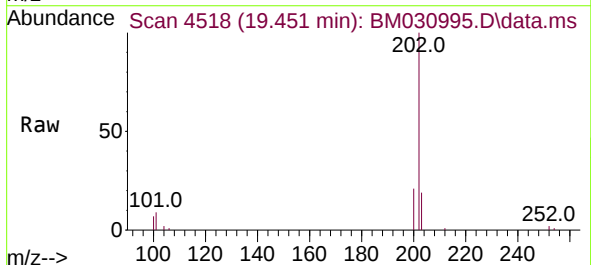
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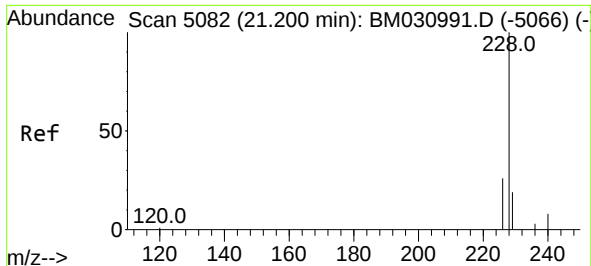
Tgt Ion:	202	Resp:	5582
Ion Ratio	Lower	Upper	
202	100		
101	8.0	6.3	9.5
100	6.9	5.0	7.6



#20
Pyrene
Concen: 0.35 ng/ul
RT: 19.451 min Scan# 4518
Delta R.T. -0.000 min
Lab File: BM030995.D
Acq: 16 Jul 2021 18:28

Tgt Ion:	202	Resp:	5755
Ion Ratio	Lower	Upper	
202	100		
101	8.6	6.6	10.0
100	7.2	5.6	8.4

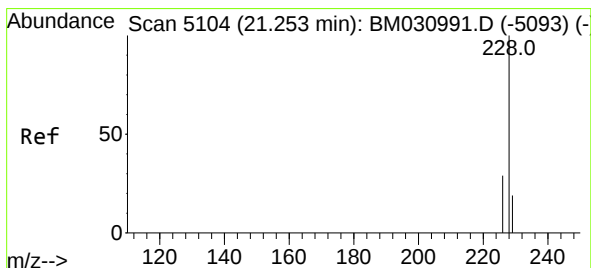
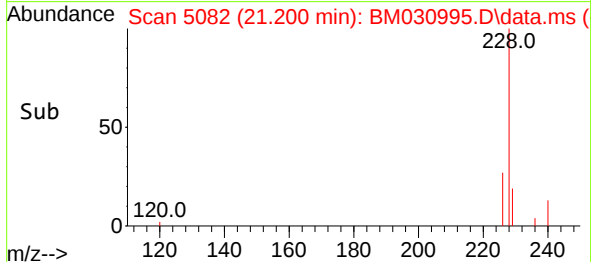
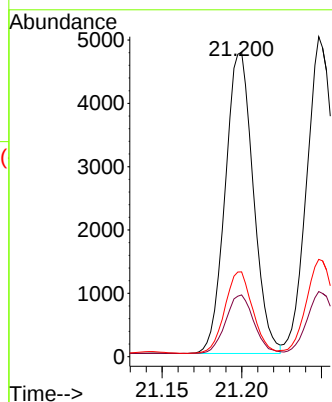
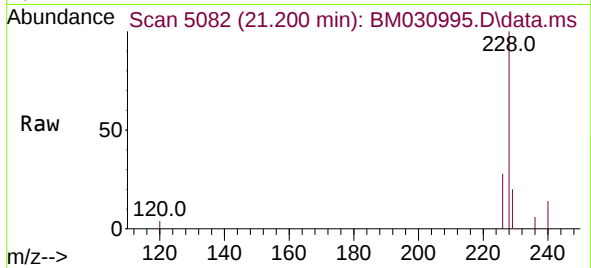




#21
Benzo(a)anthracene
Concen: 0.36 ng/ul
RT: 21.200 min Scan# 5082
Delta R.T. -0.000 min
Lab File: BM030995.D
Acq: 16 Jul 2021 18:28

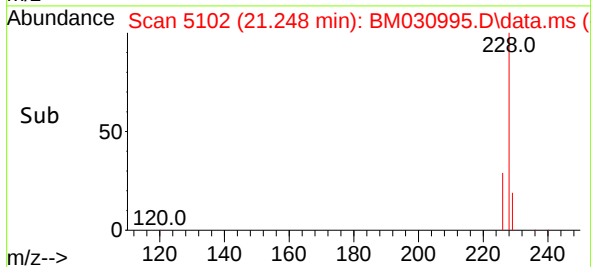
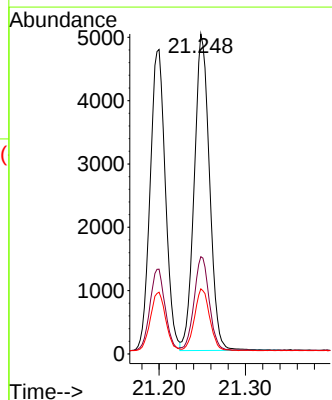
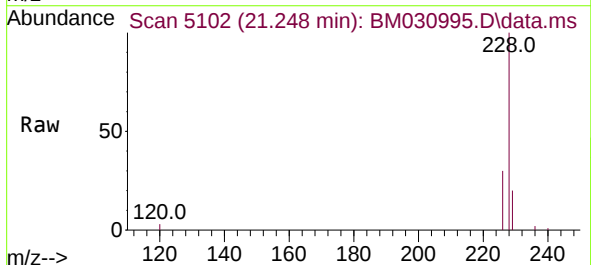
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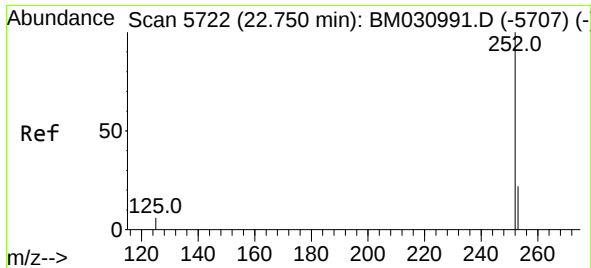
Tgt Ion:	228	Resp:	5829
Ion Ratio	Lower	Upper	
228	100		
229	20.3	16.1	24.1
226	27.9	21.8	32.8



#22
Chrysene
Concen: 0.37 ng/ul
RT: 21.248 min Scan# 5102
Delta R.T. -0.005 min
Lab File: BM030995.D
Acq: 16 Jul 2021 18:28

Tgt Ion:	228	Resp:	6143
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.5	36.7
229	20.3	16.4	24.6

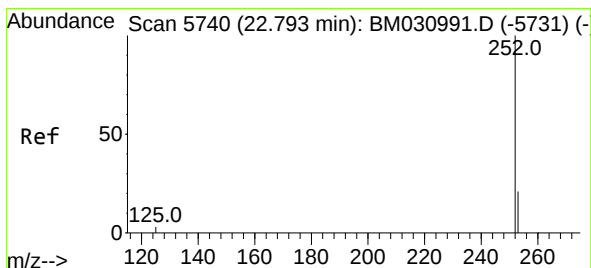
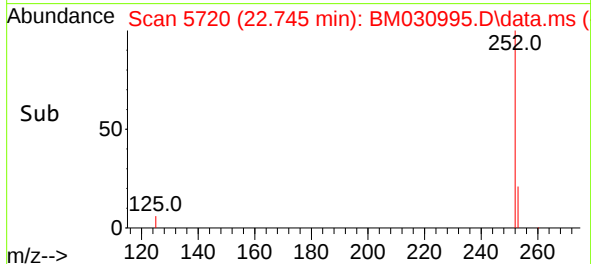
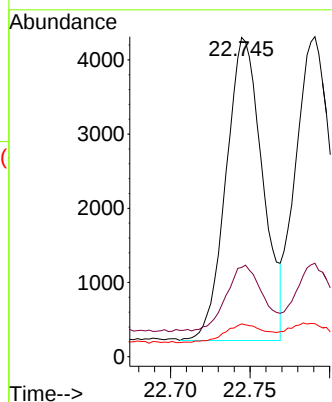
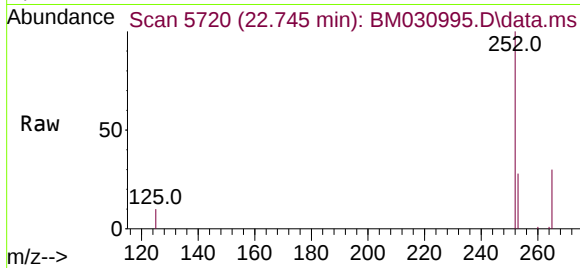




#24
Benzo(b)fluoranthene
Concen: 0.38 ng/ul
RT: 22.745 min Scan# 5720
Delta R.T. -0.005 min
Lab File: BM030995.D
Acq: 16 Jul 2021 18:28

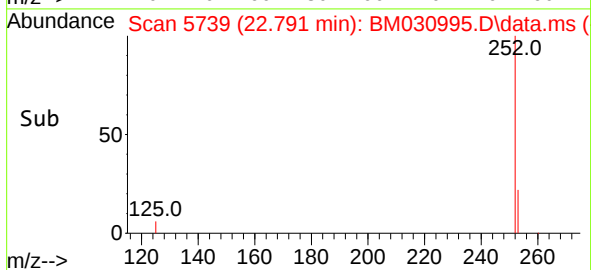
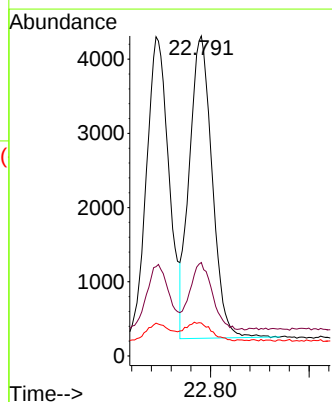
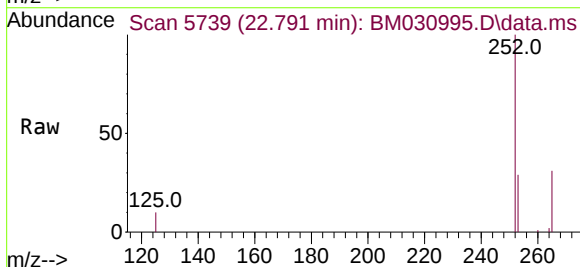
Instrument :
BNA_M
ClientSampleId :
SLCS574

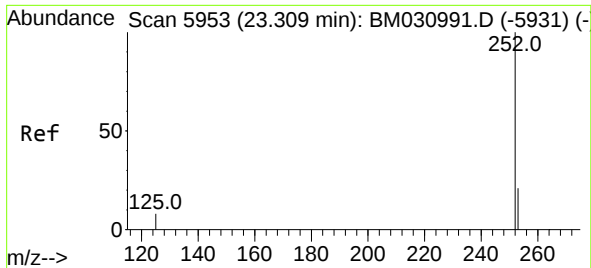
Tgt Ion:252	Resp:	6506
Ion Ratio	Lower	Upper
252	100	
253	28.0	0.0 62.0
125	10.3	0.0 23.2



#25
Benzo(k)fluoranthene
Concen: 0.37 ng/ul
RT: 22.791 min Scan# 5739
Delta R.T. -0.002 min
Lab File: BM030995.D
Acq: 16 Jul 2021 18:28

Tgt Ion:252	Resp:	6520
Ion Ratio	Lower	Upper
252	100	
253	29.2	24.3 36.5
125	10.3	9.8 14.8

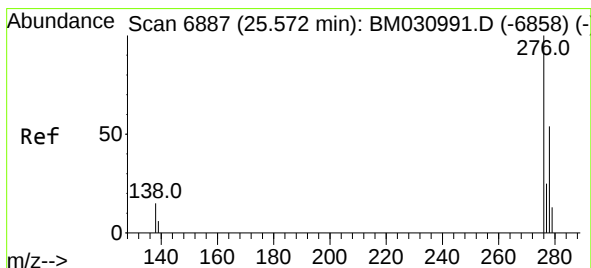
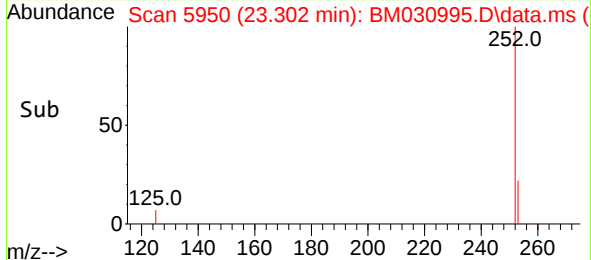
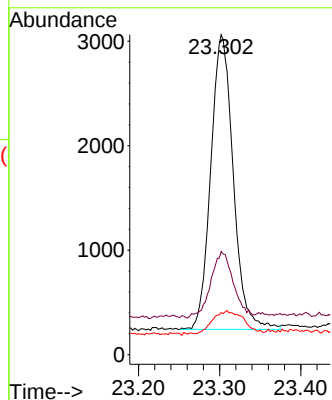
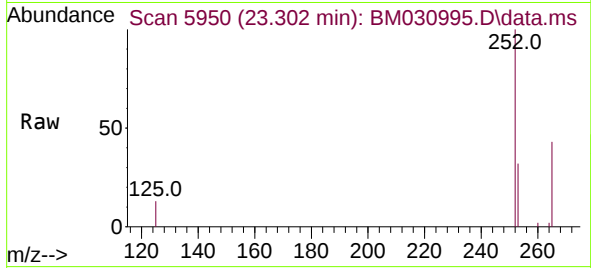




#26
Benzo(a)pyrene
Concen: 0.36 ng/ul
RT: 23.302 min Scan# 5950
Delta R.T. -0.007 min
Lab File: BM030995.D
Acq: 16 Jul 2021 18:28

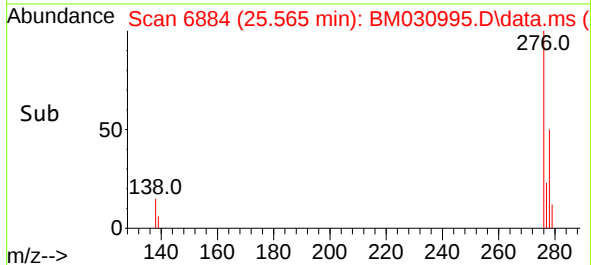
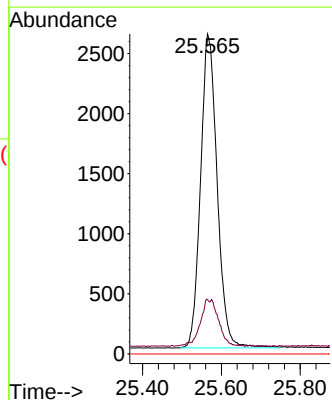
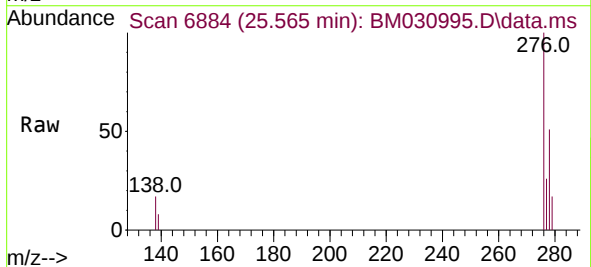
Instrument :
BNA_M
ClientSampleId :
SLCS574

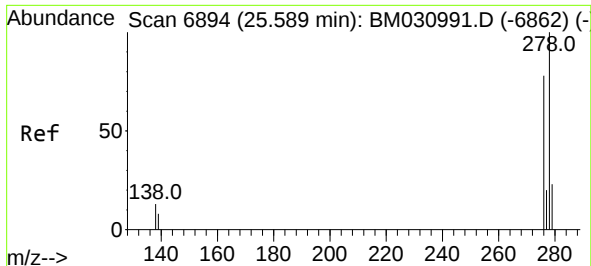
Tgt Ion:	252	Resp:	5434
Ion Ratio	Lower	Upper	
252	100		
253	32.3	26.5	39.7
125	13.1	11.0	16.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng/ul
RT: 25.565 min Scan# 6884
Delta R.T. -0.007 min
Lab File: BM030995.D
Acq: 16 Jul 2021 18:28

Tgt Ion:	276	Resp:	7642
Ion Ratio	Lower	Upper	
276	100		
138	15.6	13.0	19.6
227	0.0	0.0	0.0

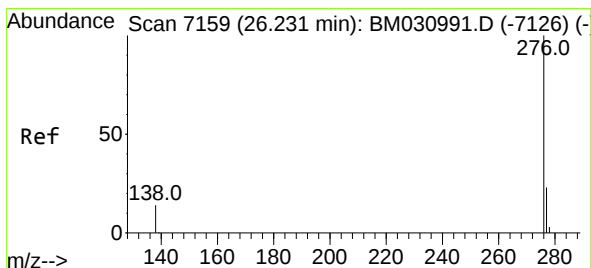
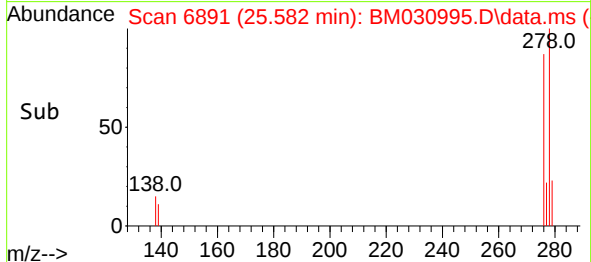
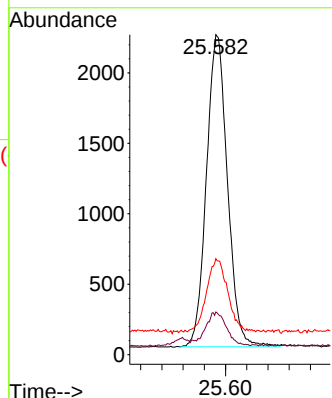
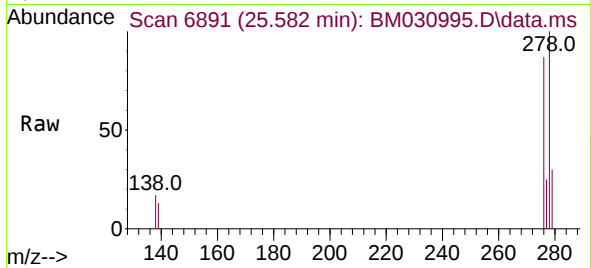




#28
Dibenzo(a,h)anthracene
Concen: 0.37 ng/ul
RT: 25.582 min Scan# 6891
Delta R.T. -0.007 min
Lab File: BM030995.D
Acq: 16 Jul 2021 18:28

Instrument :
BNA_M
ClientSampleId :
SLCS574

Tgt Ion:278	Resp:	6103
Ion Ratio	Lower	Upper
278	100	
139	13.3	11.4 17.0
279	30.0	26.2 39.2



#29
Benzo(g,h,i)perylene
Concen: 0.37 ng/ul
RT: 26.226 min Scan# 7157
Delta R.T. -0.005 min
Lab File: BM030995.D
Acq: 16 Jul 2021 18:28

Tgt Ion:276	Resp:	6358
Ion Ratio	Lower	Upper
276	100	
138	15.5	12.3 18.5
277	25.8	21.3 31.9

