

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BMCCC024.D
 Acq On : 13 Oct 2022 19:57
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4146

Quant Time: Oct 13 23:37:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

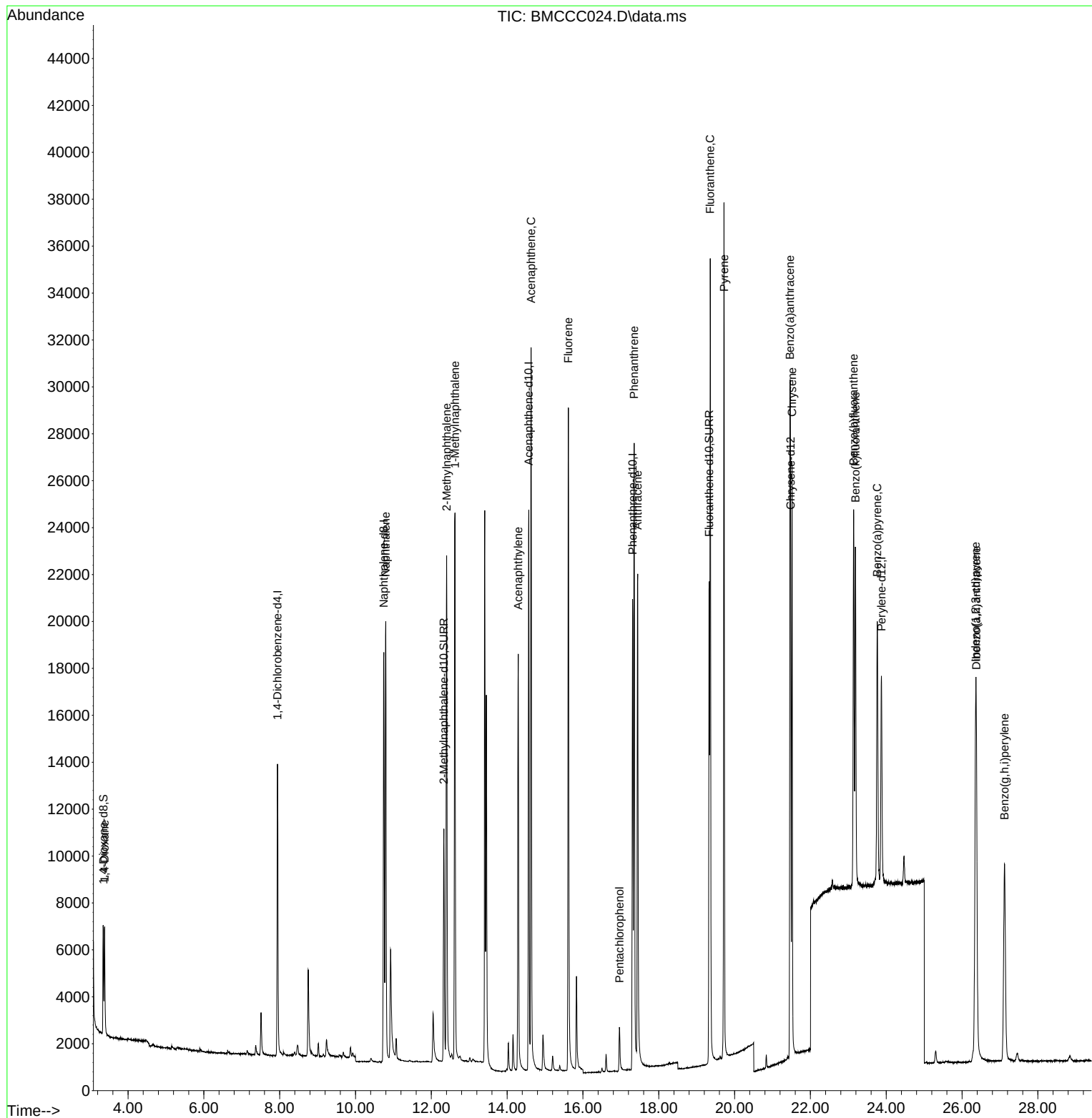
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	6812	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	24912	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.570	164	13699	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	26160	0.400	ng/ul	0.00
17) Chrysene-d12	21.479	240	16234	0.400	ng/ul	0.00
23) Perylene-d12	23.873	264	12778	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	3116	0.324	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	14251	0.379	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	23128	0.476	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.382	88	3133	0.334	ng/ul	88
5) Naphthalene	10.798	128	26250	0.369	ng/ul	97
7) 2-Methylnaphthalene	12.404	142	16623	0.382	ng/ul	91
8) 1-Methylnaphthalene	12.624	142	16905	0.382	ng/ul	99
10) Acenaphthylene	14.293	152	22257	0.391	ng/ul	98
11) Acenaphthene	14.630	153	18201	0.368	ng/ul	100
12) Fluorene	15.616	166	19868	0.355	ng/ul	99
14) Pentachlorophenol	16.963	266	1602	0.253	ng/ul	100
15) Phenanthrene	17.351	178	30303	0.363	ng/ul	100
16) Anthracene	17.444	178	26456	0.379	ng/ul	98
19) Fluoranthene	19.359	202	30096	0.466	ng/ul	99
20) Pyrene	19.721	202	30314	0.450	ng/ul	98
21) Benzo(a)anthracene	21.462	228	21919	0.374	ng/ul	100
22) Chrysene	21.514	228	22569	0.358	ng/ul	99
24) Benzo(b)fluoranthene	23.139	252	20813	0.365	ng/ul	94
25) Benzo(k)fluoranthene	23.186	252	19292	0.347	ng/ul	97
26) Benzo(a)pyrene	23.765	252	17745	0.383	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.356	276	22784	0.347	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.376	278	18000	0.340	ng/ul	94
29) Benzo(g,h,i)perylene	27.121	276	19371	0.335	ng/ul	99

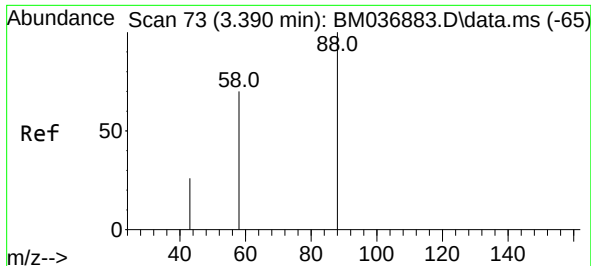
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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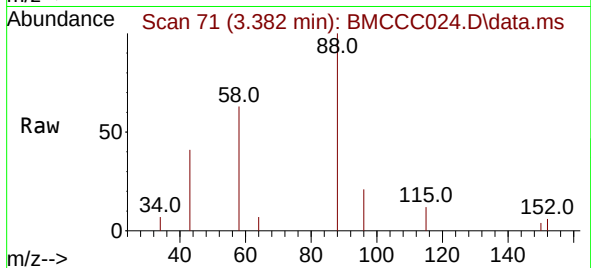
Quant Time: Oct 13 23:37:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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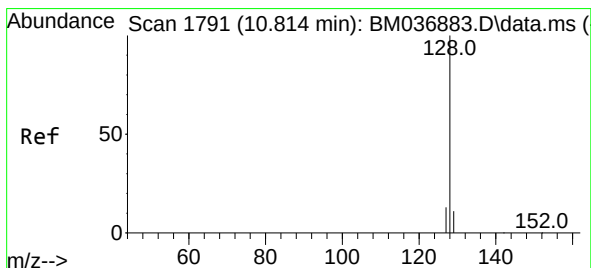
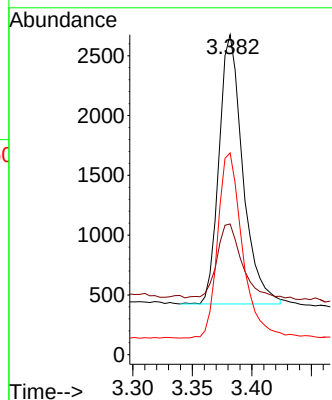
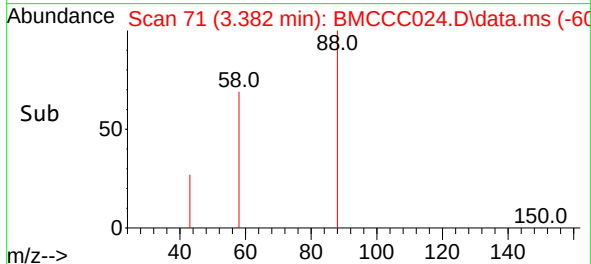


#2
1,4-Dioxane
Concen: 0.334 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. -0.004 min
Lab File: BMCCC024.D
Acq: 13 Oct 2022 19:57

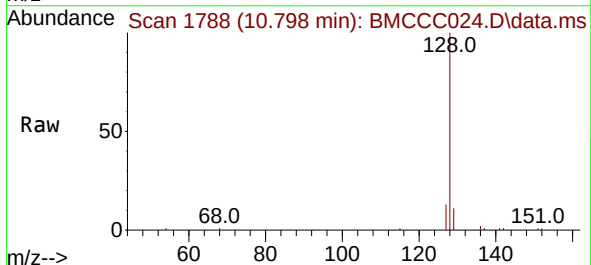
Instrument :
BNA_M
ClientSampleId :
SSTD0.4146



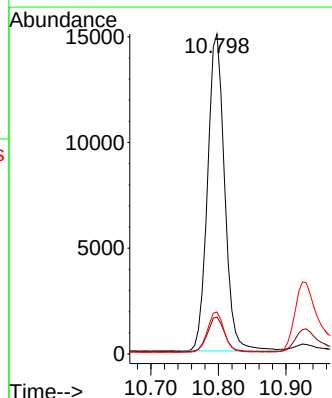
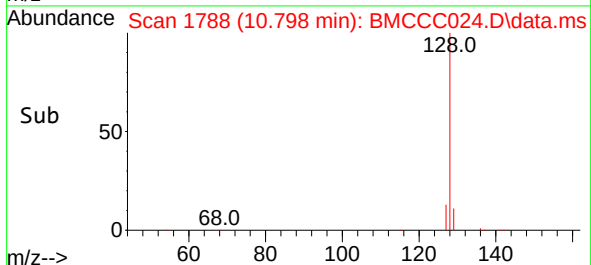
Tgt Ion: 88 Resp: 3133
Ion Ratio Lower Upper
88 100
43 40.9 37.8 56.6
58 63.0 42.6 63.8

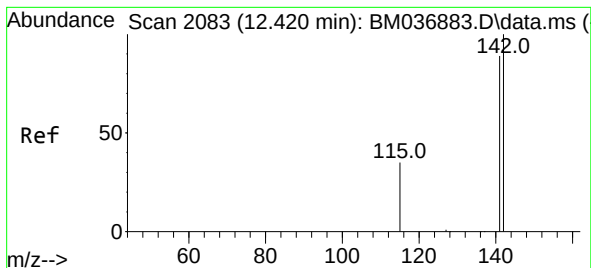


#5
Naphthalene
Concen: 0.369 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BMCCC024.D
Acq: 13 Oct 2022 19:57



Tgt Ion: 128 Resp: 26250
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.2
127 13.1 11.7 17.5

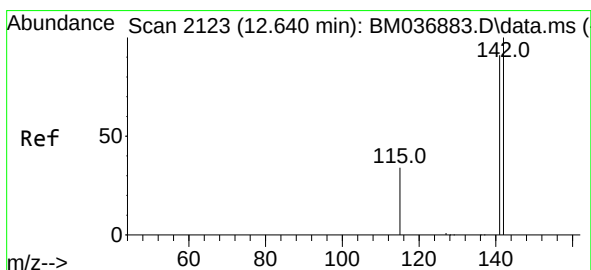
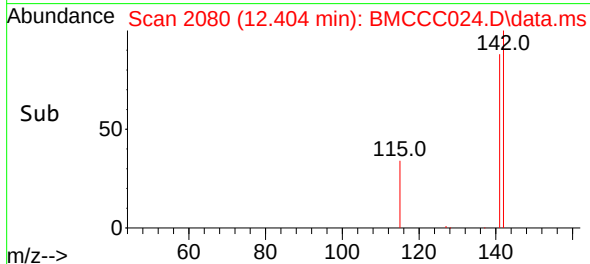
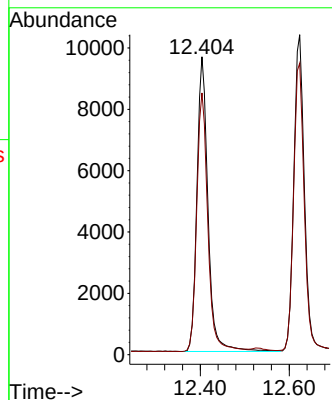
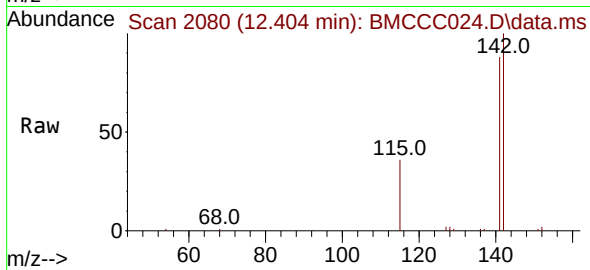




#7
2-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BMCCC024.D
Acq: 13 Oct 2022 19:57

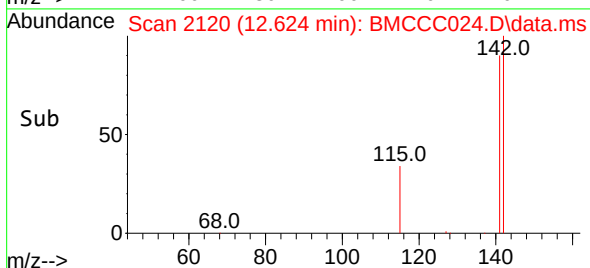
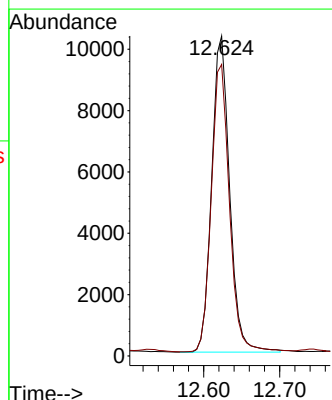
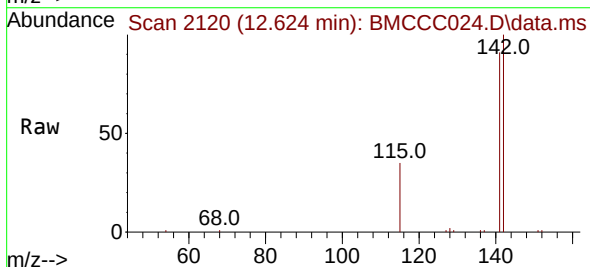
Instrument :
BNA_M
ClientSampleId :
SSTD0.4146

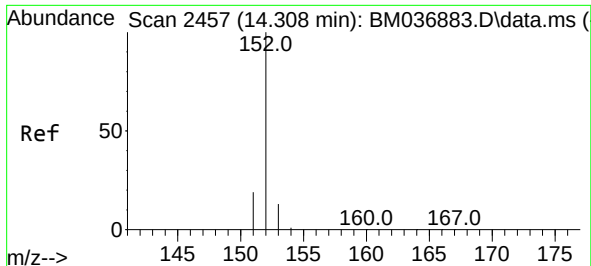
Tgt Ion:142 Resp: 16623
Ion Ratio Lower Upper
142 100
141 88.3 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BMCCC024.D
Acq: 13 Oct 2022 19:57

Tgt Ion:142 Resp: 16905
Ion Ratio Lower Upper
142 100
141 91.9 74.1 111.1

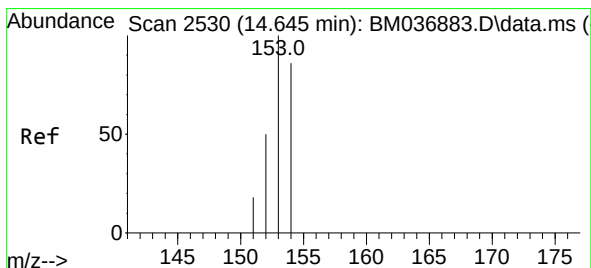
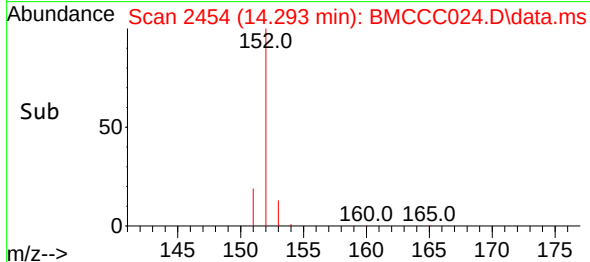
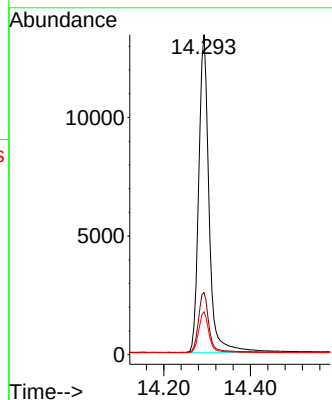
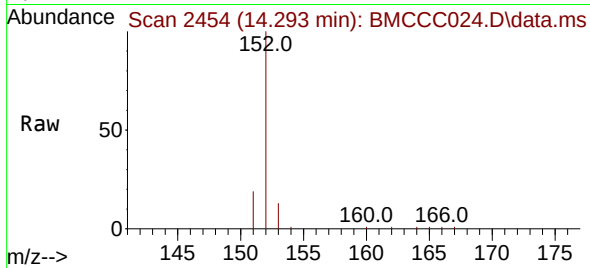




#10
Acenaphthylene
Concen: 0.391 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.005 min
Lab File: BMCCC024.D
Acq: 13 Oct 2022 19:57

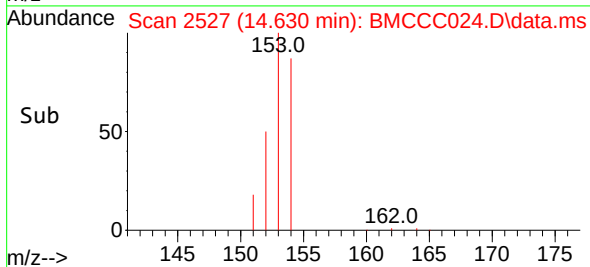
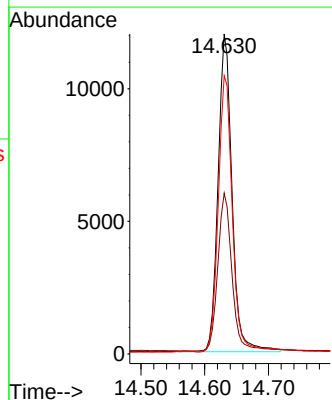
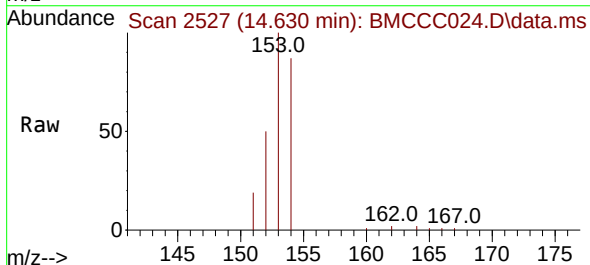
Instrument :
BNA_M
ClientSampleId :
SSTD0.4146

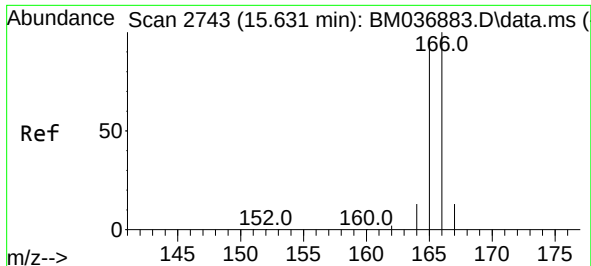
Tgt Ion:152 Resp: 22257
Ion Ratio Lower Upper
152 100
151 19.4 16.6 24.8
153 13.4 11.4 17.0



#11
Acenaphthene
Concen: 0.368 ng/ul
RT: 14.630 min Scan# 2527
Delta R.T. -0.009 min
Lab File: BMCCC024.D
Acq: 13 Oct 2022 19:57

Tgt Ion:153 Resp: 18201
Ion Ratio Lower Upper
153 100
152 50.3 40.2 60.4
154 86.9 69.7 104.5

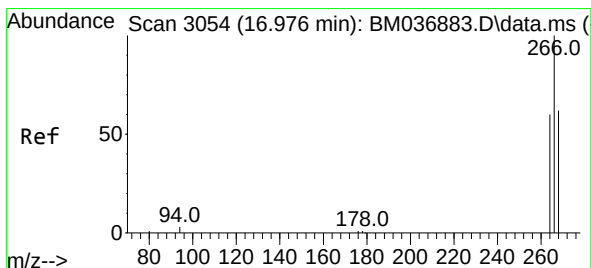
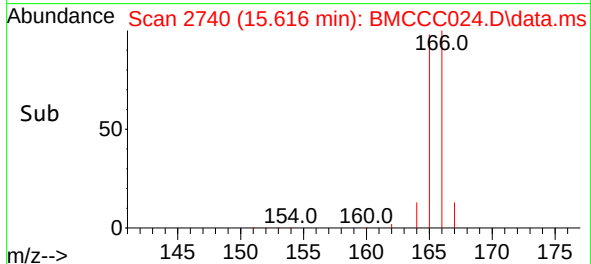
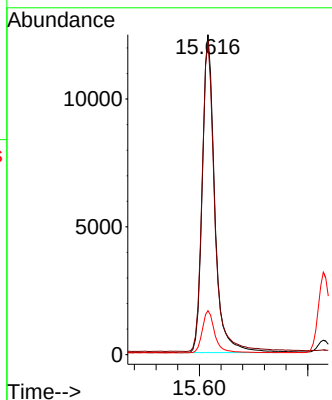
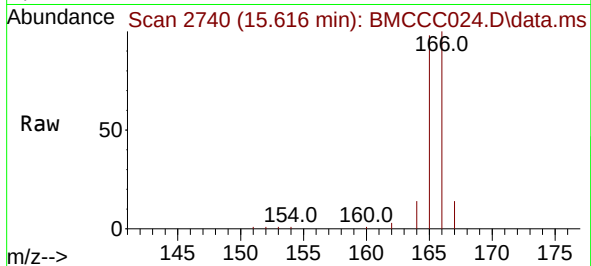




#12
 Fluorene
 Concen: 0.355 ng/ul
 RT: 15.616 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BMCCC024.D
 Acq: 13 Oct 2022 19:57

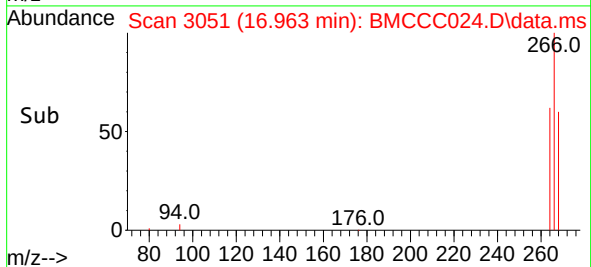
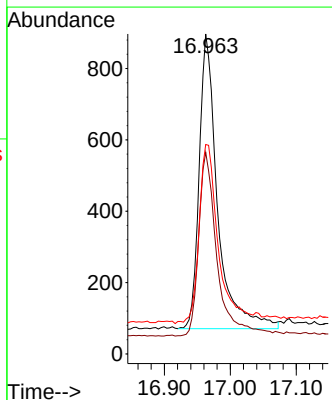
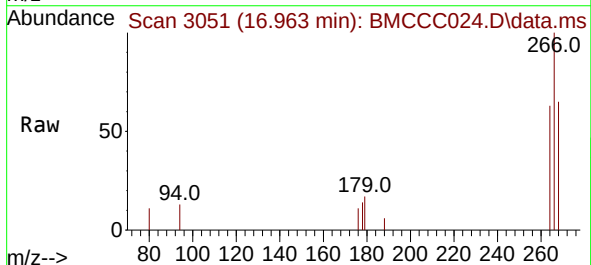
Instrument :
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 ClientSampleId :
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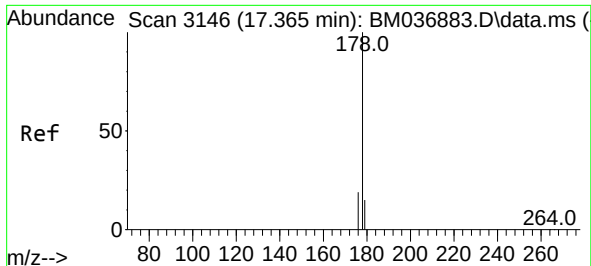
Tgt Ion:166 Resp: 19868
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.9 118.3
 167 13.8 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.253 ng/ul
 RT: 16.963 min Scan# 3051
 Delta R.T. -0.004 min
 Lab File: BMCCC024.D
 Acq: 13 Oct 2022 19:57

Tgt Ion:266 Resp: 1602
 Ion Ratio Lower Upper
 266 100
 264 62.7 50.3 75.5
 268 66.9 53.5 80.3

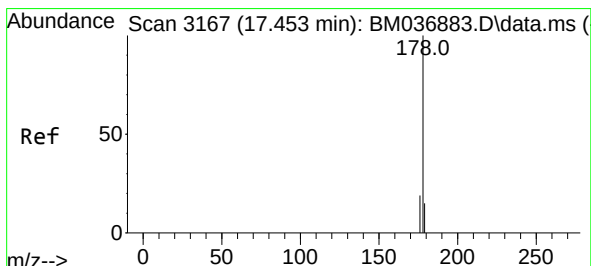
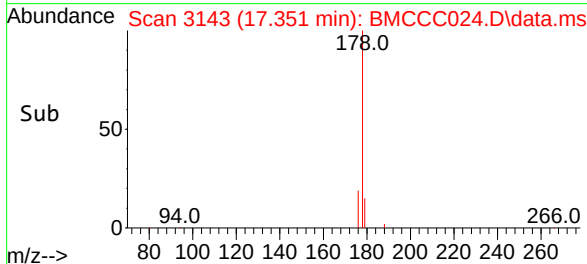
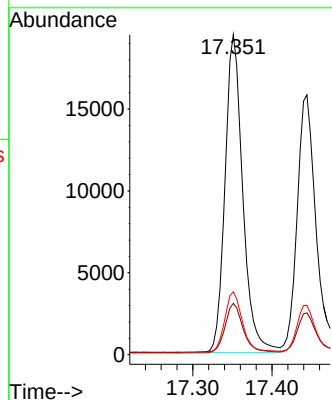
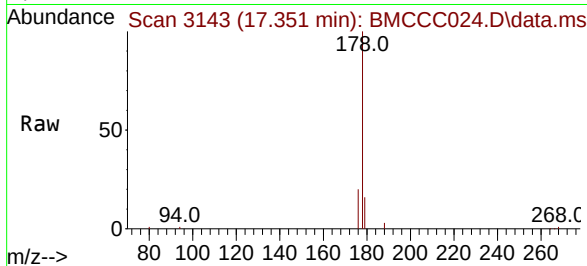




#15
Phenanthrene
Concen: 0.363 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BMCCC024.D
Acq: 13 Oct 2022 19:57

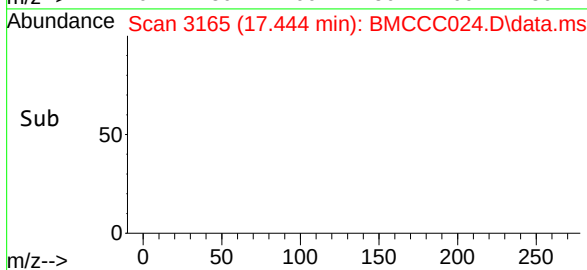
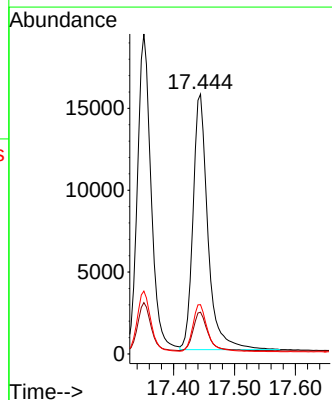
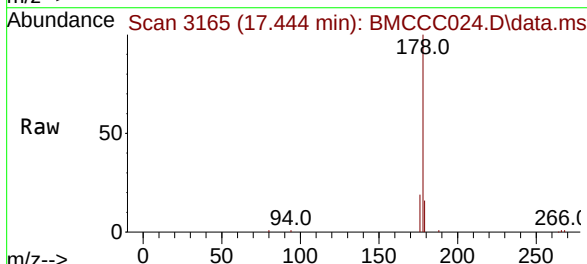
Instrument :
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ClientSampleId :
SSTD0.4146

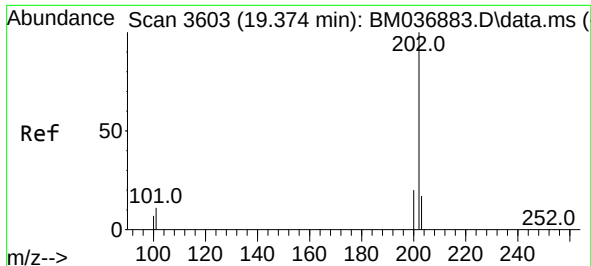
Tgt Ion:178 Resp: 30303
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.379 ng/ul
RT: 17.444 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BMCCC024.D
Acq: 13 Oct 2022 19:57

Tgt Ion:178 Resp: 26456
Ion Ratio Lower Upper
178 100
179 16.1 13.6 20.4
176 18.9 15.6 23.4

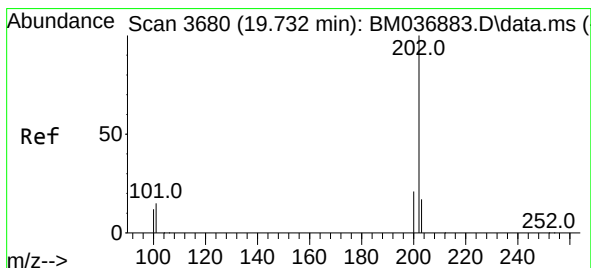
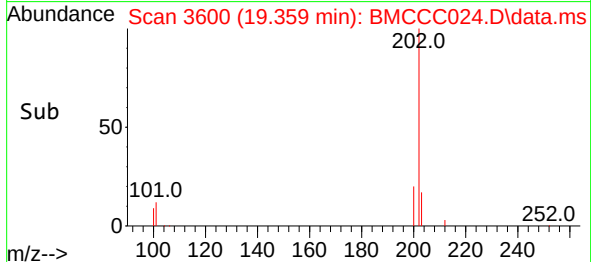
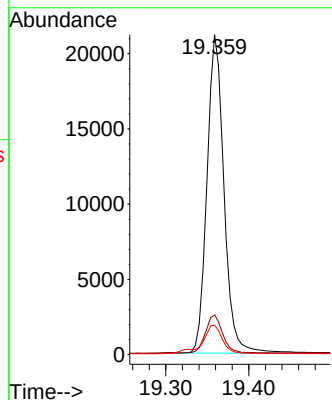
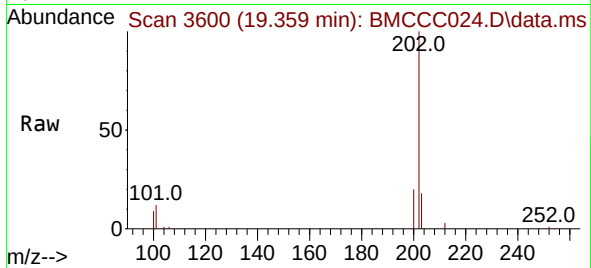




#19
Fluoranthene
Concen: 0.466 ng/u1
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BMCCC024.D
Acq: 13 Oct 2022 19:57

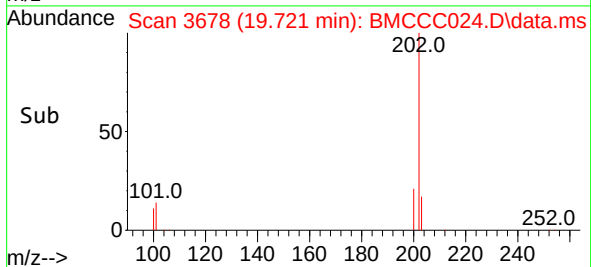
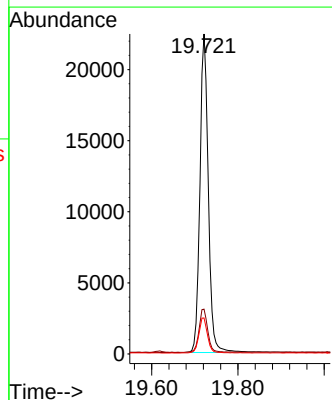
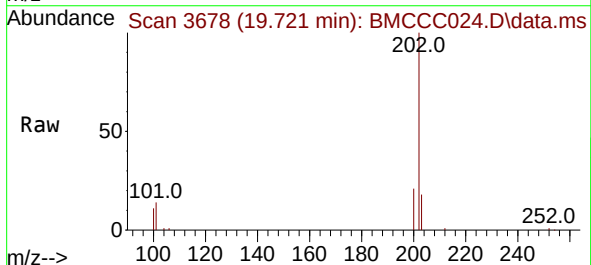
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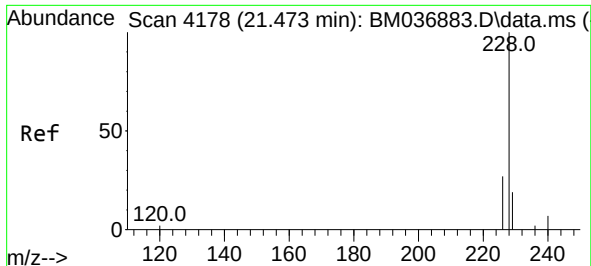
Tgt Ion:202 Resp: 30096
Ion Ratio Lower Upper
202 100
101 12.4 10.1 15.1
100 9.2 7.9 11.9



#20
Pyrene
Concen: 0.450 ng/u1
RT: 19.721 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BMCCC024.D
Acq: 13 Oct 2022 19:57

Tgt Ion:202 Resp: 30314
Ion Ratio Lower Upper
202 100
101 14.0 12.0 18.0
100 11.2 9.8 14.6

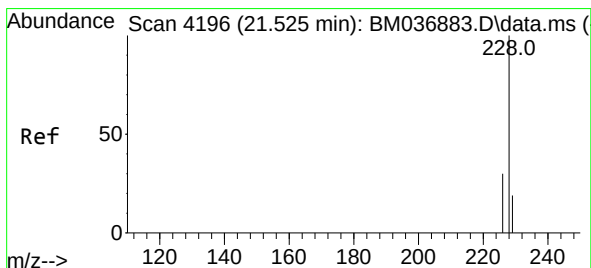
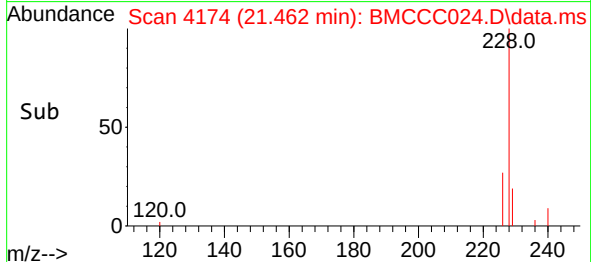
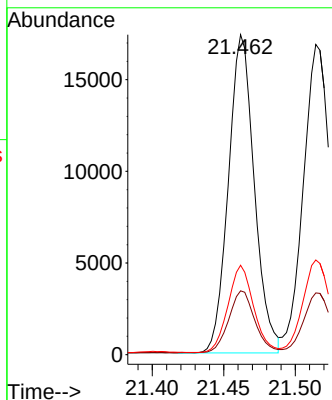
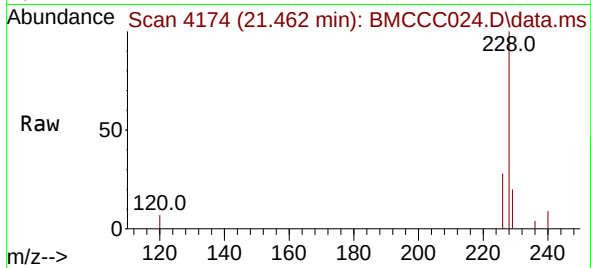




#21
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.462 min Scan# 4174
Delta R.T. -0.006 min
Lab File: BMCCC024.D
Acq: 13 Oct 2022 19:57

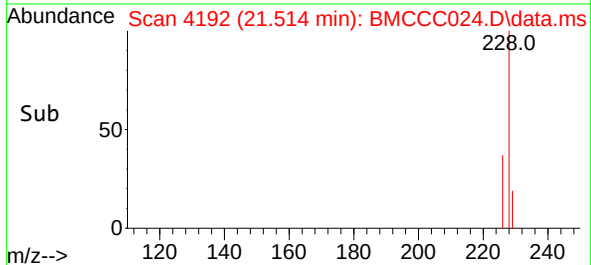
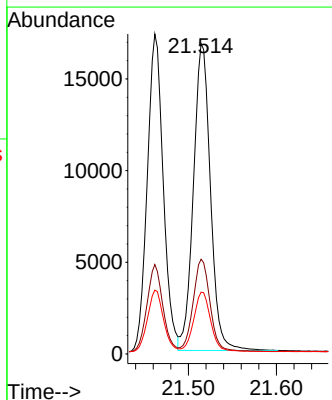
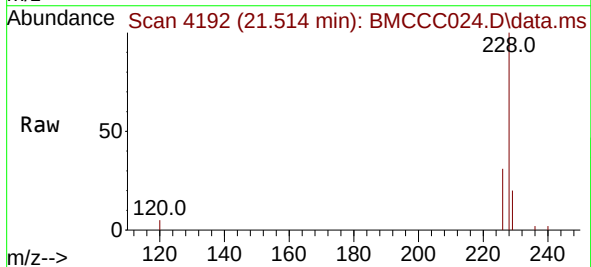
Instrument :
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ClientSampleId :
SSTD0.4146

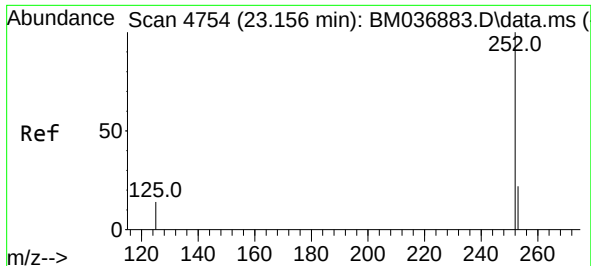
Tgt Ion:228 Resp: 21919
Ion Ratio Lower Upper
228 100
229 19.9 16.2 24.2
226 28.0 22.5 33.7



#22
Chrysene
Concen: 0.358 ng/ul
RT: 21.514 min Scan# 4192
Delta R.T. -0.006 min
Lab File: BMCCC024.D
Acq: 13 Oct 2022 19:57

Tgt Ion:228 Resp: 22569
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 19.9 16.4 24.6

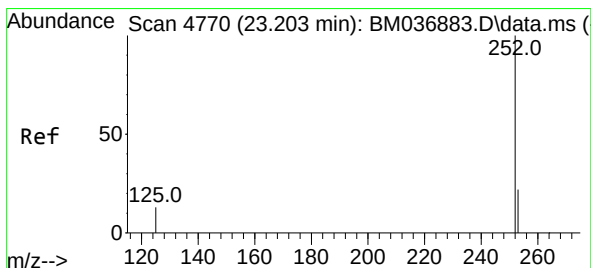
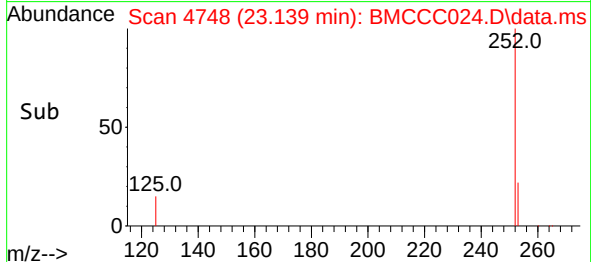
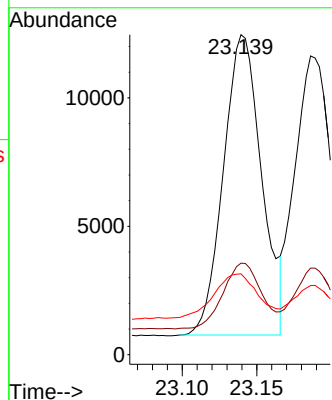
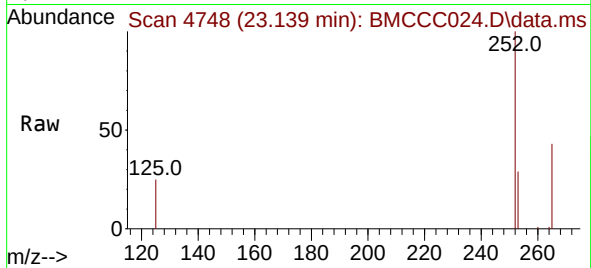




#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 23.139 min Scan# 4748
Delta R.T. -0.006 min
Lab File: BMCCC024.D
Acq: 13 Oct 2022 19:57

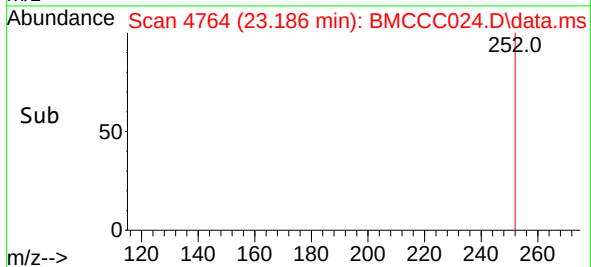
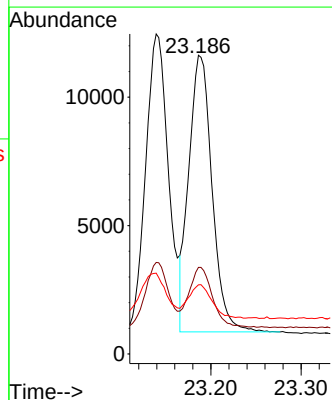
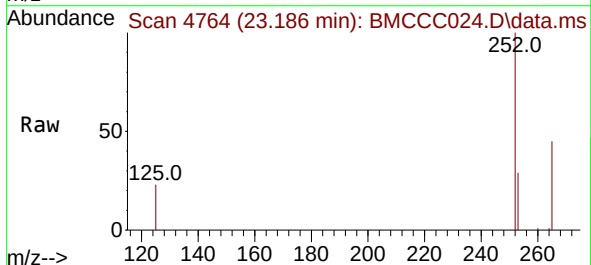
Instrument :
BNA_M
ClientSampleId :
SSTD0.4146

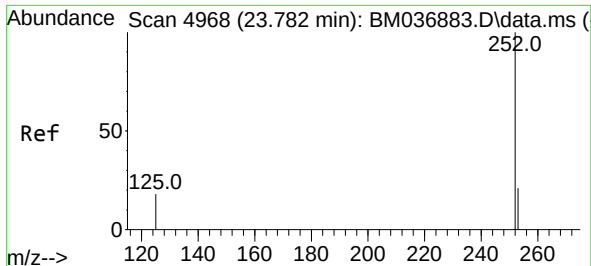
Tgt Ion:252 Resp: 20813
Ion Ratio Lower Upper
252 100
253 28.6 0.0 61.4
125 25.3 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul
RT: 23.186 min Scan# 4764
Delta R.T. -0.009 min
Lab File: BMCCC024.D
Acq: 13 Oct 2022 19:57

Tgt Ion:252 Resp: 19292
Ion Ratio Lower Upper
252 100
253 29.0 25.2 37.8
125 23.1 18.3 27.5

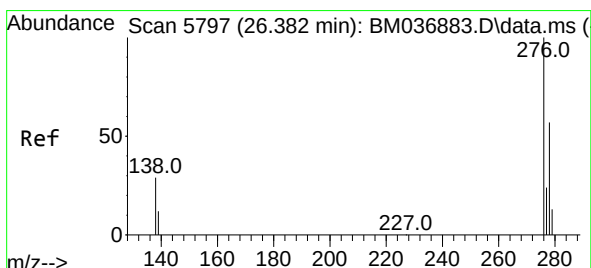
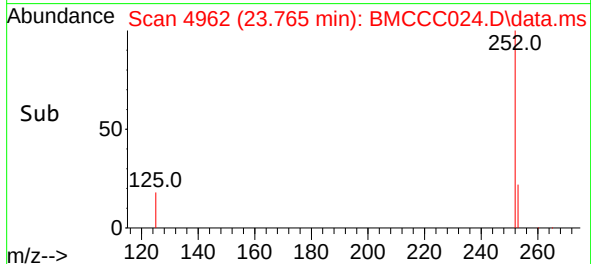
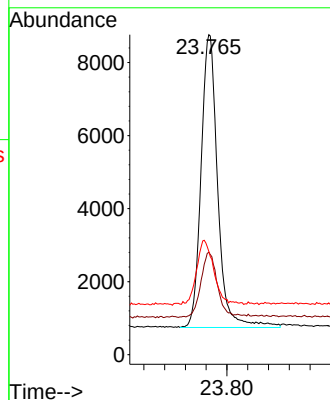
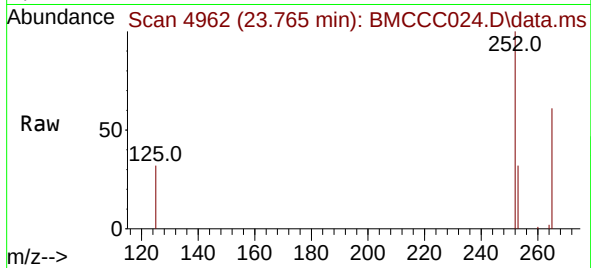




#26
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 23.765 min Scan# 4962
Delta R.T. -0.006 min
Lab File: BMCCC024.D
Acq: 13 Oct 2022 19:57

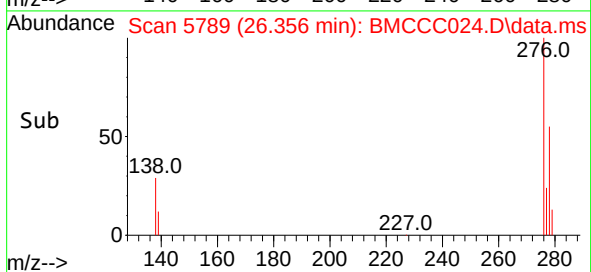
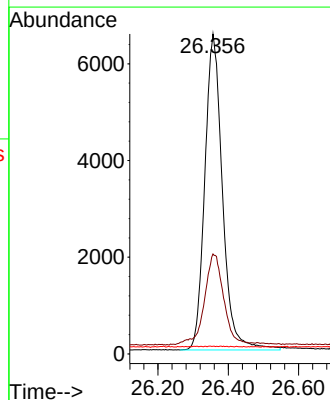
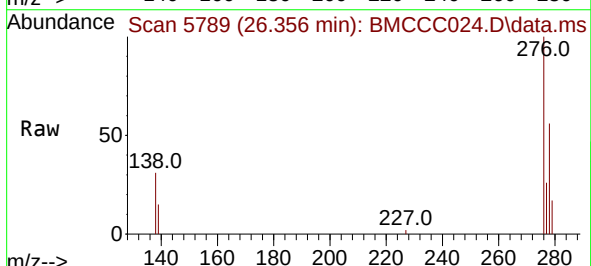
Instrument :
BNA_M
ClientSampleId :
SSTD0.4146

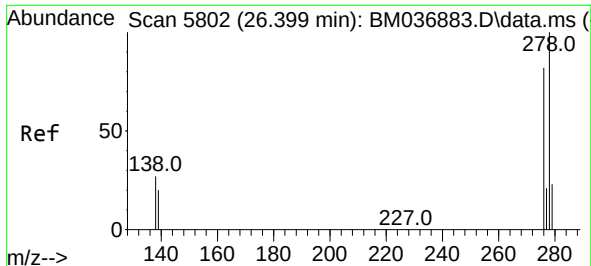
Tgt Ion:252	Resp:	17745
Ion Ratio	Lower	Upper
252	100	
253	32.0	29.7 44.5
125	32.2	23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.347 ng/ul
RT: 26.356 min Scan# 5789
Delta R.T. -0.007 min
Lab File: BMCCC024.D
Acq: 13 Oct 2022 19:57

Tgt Ion:276	Resp:	22784
Ion Ratio	Lower	Upper
276	100	
138	30.8	23.9 35.9
227	0.1	0.1 0.1#

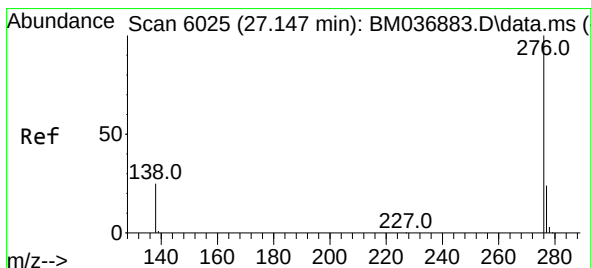
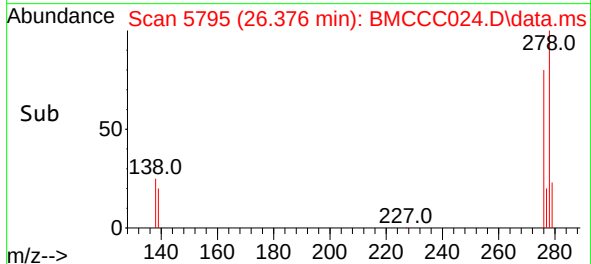
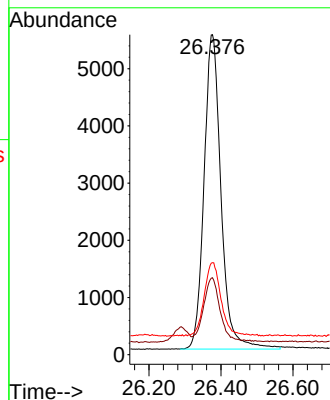
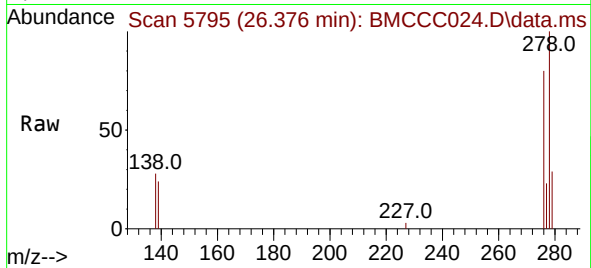




#28
Dibenzo(a,h)anthracene
Concen: 0.340 ng/ul
RT: 26.376 min Scan# 51
Delta R.T. -0.003 min
Lab File: BMCCC024.D
Acq: 13 Oct 2022 19:57

Instrument :
BNA_M
ClientSampleId :
SSTD0.4146

Tgt Ion:278 Resp: 18000
Ion Ratio Lower Upper
278 100
139 24.0 19.8 29.6
279 28.7 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.335 ng/ul
RT: 27.121 min Scan# 6017
Delta R.T. -0.007 min
Lab File: BMCCC024.D
Acq: 13 Oct 2022 19:57

Tgt Ion:276 Resp: 19371
Ion Ratio Lower Upper
276 100
138 29.0 23.4 35.0
277 25.2 21.0 31.4

