

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
 Data File : BMCCC400.D
 Acq On : 07 Nov 2022 20:52
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4166

Quant Time: Nov 07 23:09:03 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:30:18 2022
 Response via : Initial Calibration

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

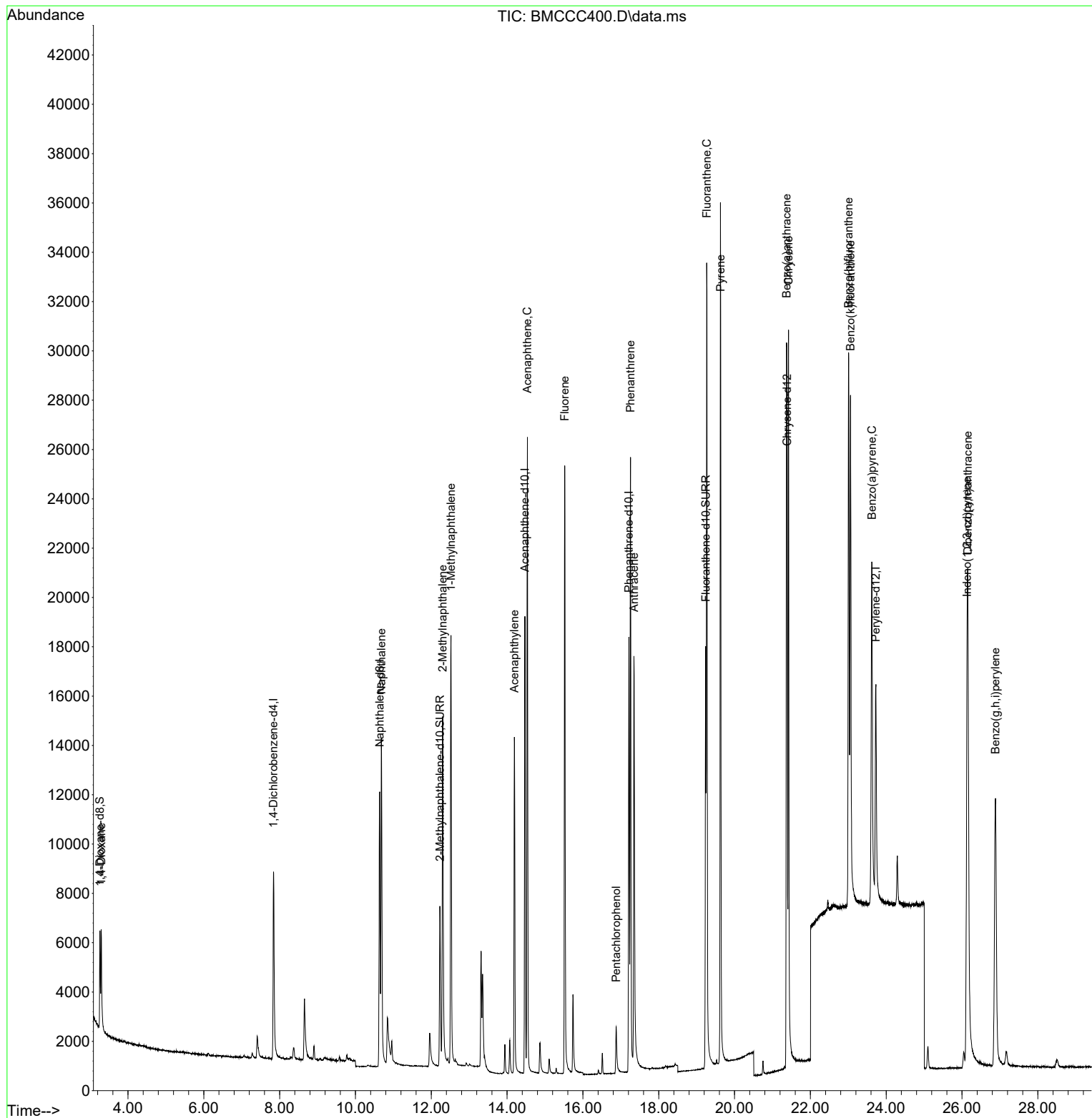
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.837	152	5181	0.400	ng/ul	0.00
4) Naphthalene-d8	10.638	136	17563	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	10424	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	21259	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	15370	0.400	ng/ul	0.00
23) Perylene-d12	23.724	264	13164	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	2583	0.393	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	10317	0.391	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	19790	0.412	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	2510	0.386	ng/ul#	88
5) Naphthalene	10.682	128	19800	0.389	ng/ul	99
7) 2-Methylnaphthalene	12.299	142	12371	0.388	ng/ul	97
8) 1-Methylnaphthalene	12.519	142	12861	0.392	ng/ul	100
10) Acenaphthylene	14.191	152	16788	0.378	ng/ul	99
11) Acenaphthene	14.533	153	15113	0.385	ng/ul	99
12) Fluorene	15.519	166	16812	0.374	ng/ul	99
14) Pentachlorophenol	16.878	266	1852	0.330	ng/ul	98
15) Phenanthrene	17.254	178	27093	0.372	ng/ul	100
16) Anthracene	17.347	178	22371	0.377	ng/ul	100
19) Fluoranthene	19.266	202	29768	0.409	ng/ul	97
20) Pyrene	19.628	202	31028	0.407	ng/ul	100
21) Benzo(a)anthracene	21.371	228	24485	0.369	ng/ul	100
22) Chrysene	21.424	228	27653	0.374	ng/ul	100
24) Benzo(b)fluoranthene	23.008	252	29764	0.394	ng/ul	98
25) Benzo(k)fluoranthene	23.058	252	27997	0.387	ng/ul	99
26) Benzo(a)pyrene	23.622	252	24708	0.391	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.132	276	31047	0.369	ng/ul	99
28) Dibenzo(a,h)anthracene	26.155	278	23797	0.367	ng/ul	99
29) Benzo(g,h,i)perylene	26.883	276	26383	0.363	ng/ul	99

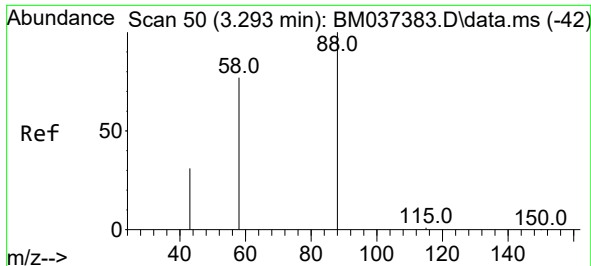
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 07 23:09:03 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:30:18 2022
Response via : Initial Calibration

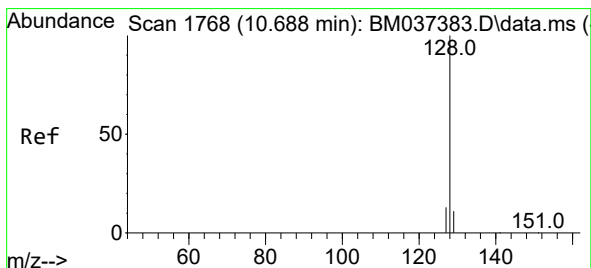
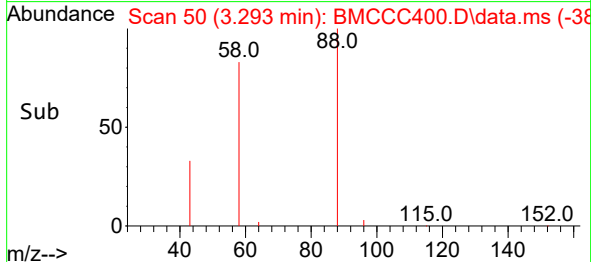
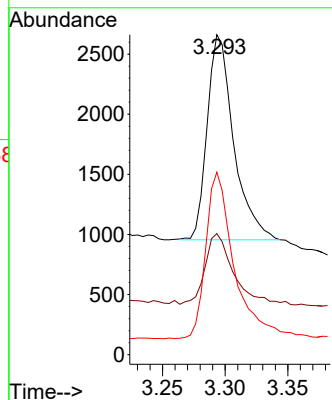
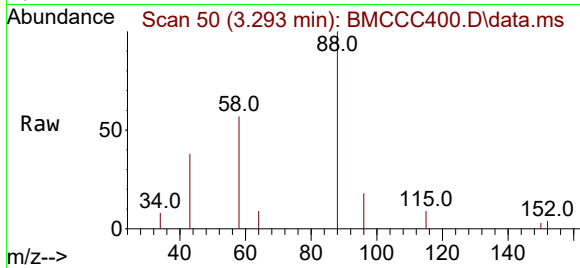




#2
1,4-Dioxane
Concen: 0.386 ng/ul
RT: 3.293 min Scan# 50
Delta R.T. 0.000 min
Lab File: BMCCC400.D
Acq: 07 Nov 2022 20:52

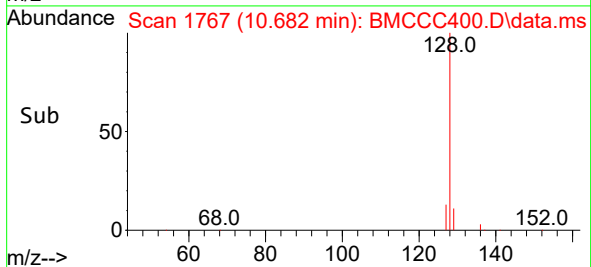
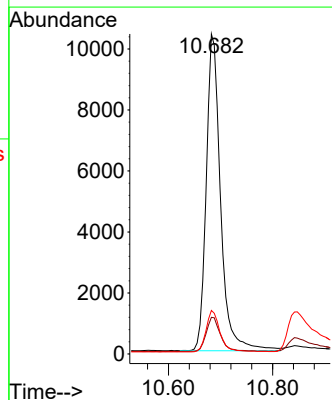
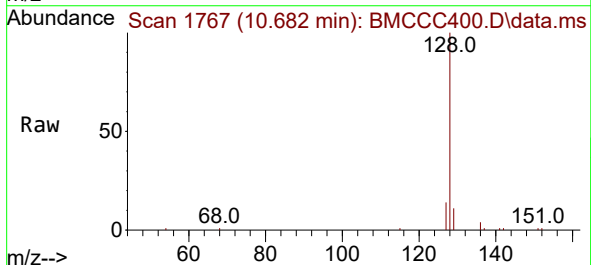
Instrument :
BNA_M
ClientSampleId :
SSTD0.4166

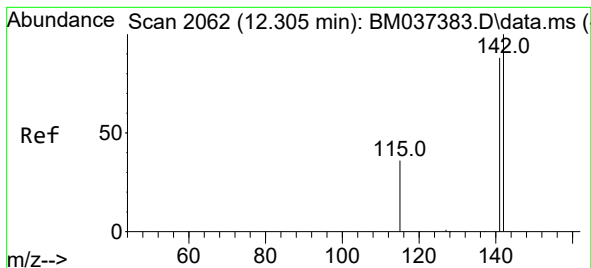
Tgt Ion: 88 Resp: 2510
Ion Ratio Lower Upper
88 100
43 37.8 39.9 59.9#
58 57.0 50.2 75.2



#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.682 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BMCCC400.D
Acq: 07 Nov 2022 20:52

Tgt Ion: 128 Resp: 19800
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.6 10.2 15.4

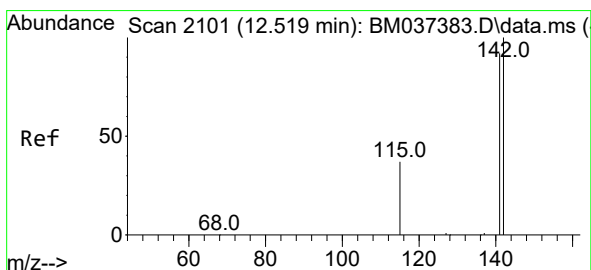
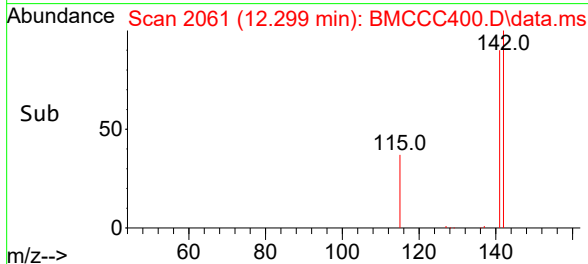
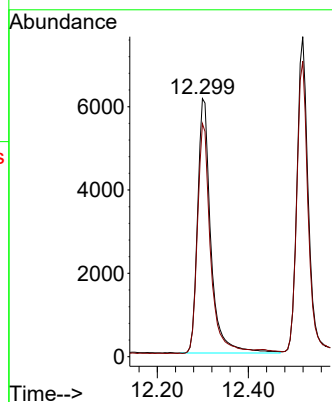
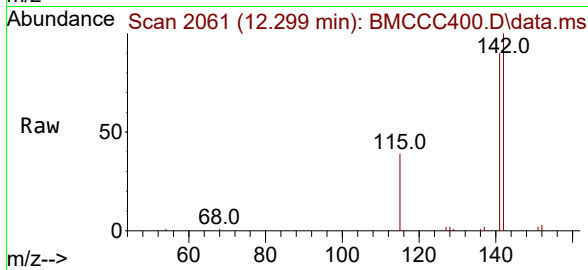




#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.299 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BMCCC400.D
Acq: 07 Nov 2022 20:52

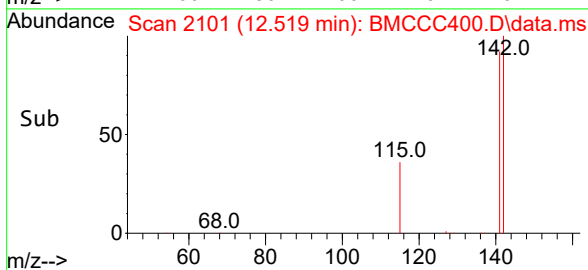
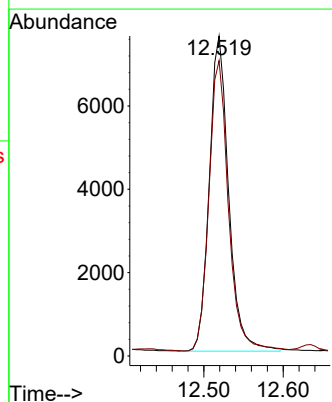
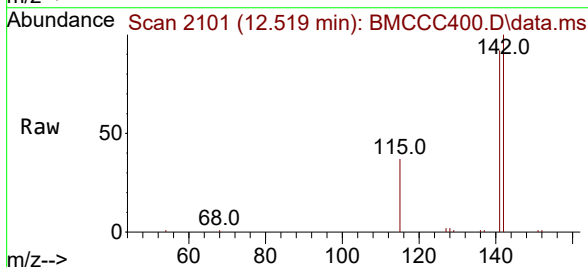
Instrument :
BNA_M
ClientSampleId :
SSTD0.4166

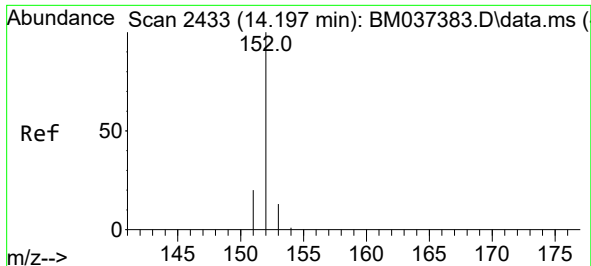
Tgt Ion:142 Resp: 12371
Ion Ratio Lower Upper
142 100
141 91.0 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BMCCC400.D
Acq: 07 Nov 2022 20:52

Tgt Ion:142 Resp: 12861
Ion Ratio Lower Upper
142 100
141 92.8 73.9 110.9

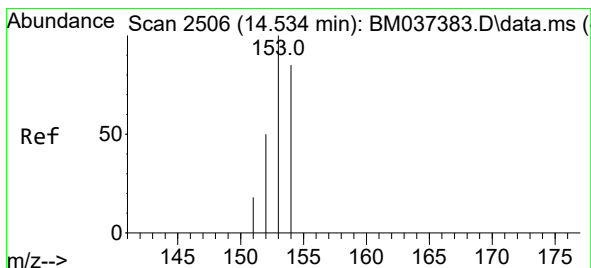
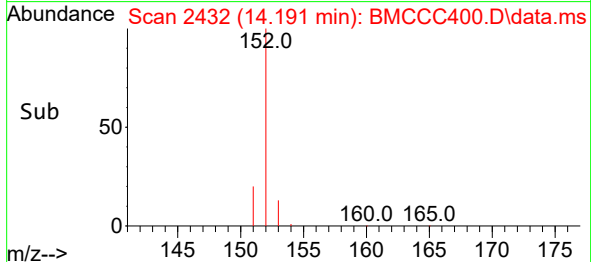
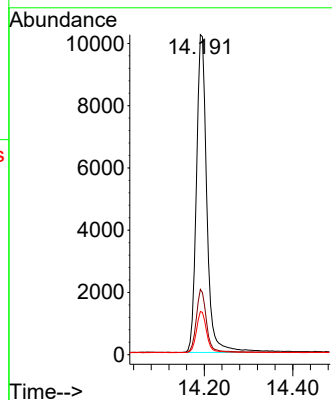
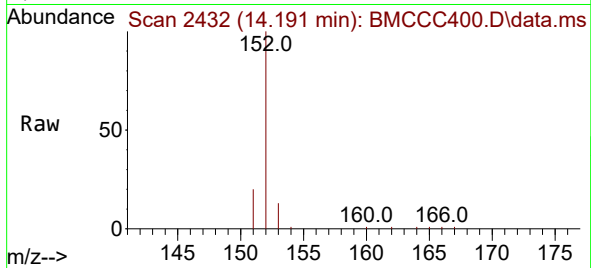




#10
Acenaphthylene
Concen: 0.378 ng/ul
RT: 14.191 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BMCCC400.D
Acq: 07 Nov 2022 20:52

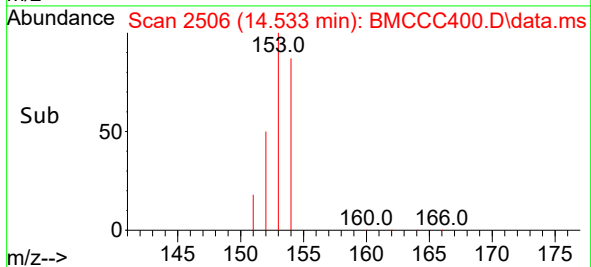
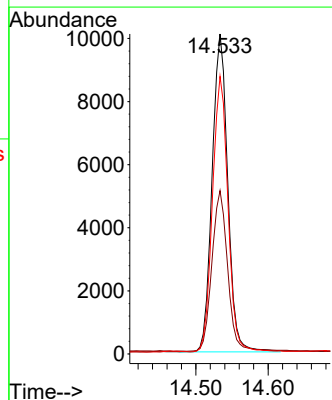
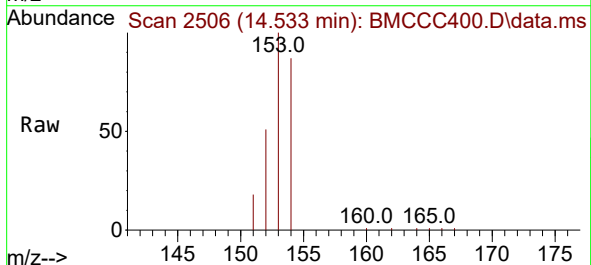
Instrument :
BNA_M
ClientSampleId :
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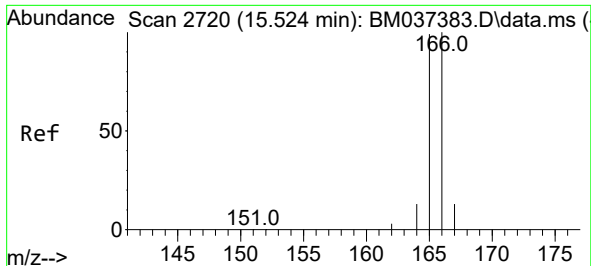
Tgt Ion:152 Resp: 16788
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.5 11.0 16.4



#11
Acenaphthene
Concen: 0.385 ng/ul
RT: 14.533 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BMCCC400.D
Acq: 07 Nov 2022 20:52

Tgt Ion:153 Resp: 15113
Ion Ratio Lower Upper
153 100
152 51.1 40.2 60.4
154 86.8 70.4 105.6

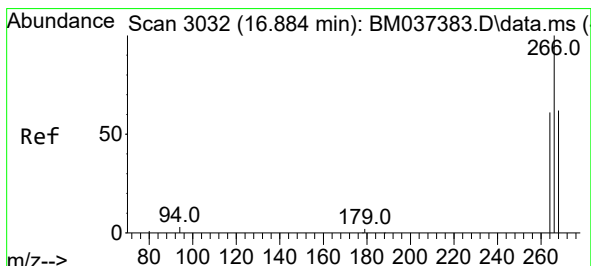
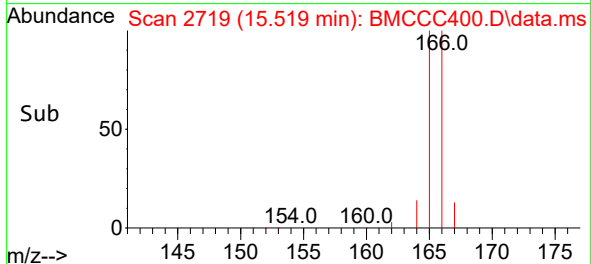
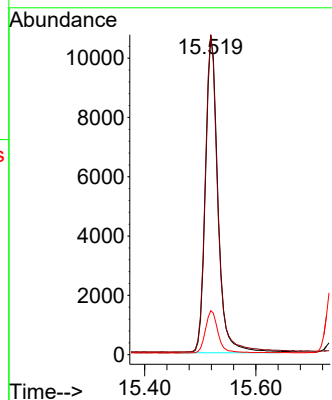
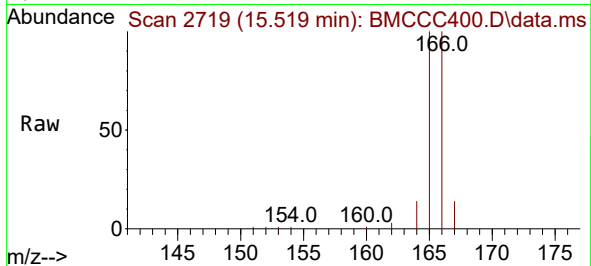




#12
Fluorene
Concen: 0.374 ng/ul
RT: 15.519 min Scan# 21
Delta R.T. -0.005 min
Lab File: BMCCC400.D
Acq: 07 Nov 2022 20:52

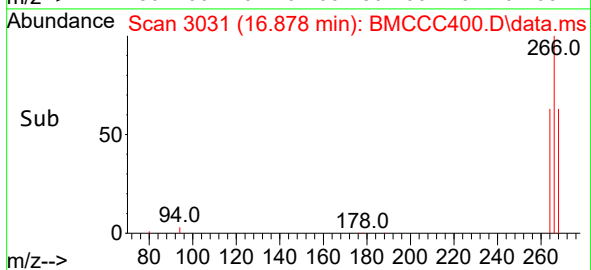
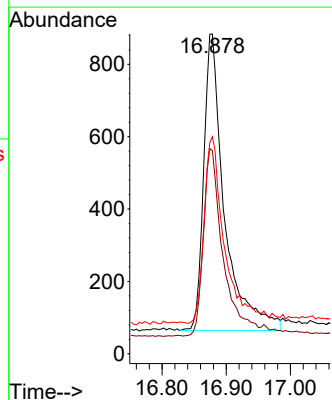
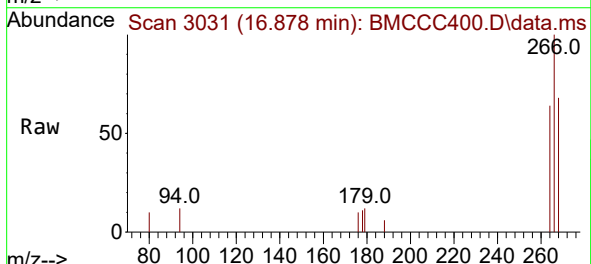
Instrument :
BNA_M
ClientSampleId :
SSTD0.4166

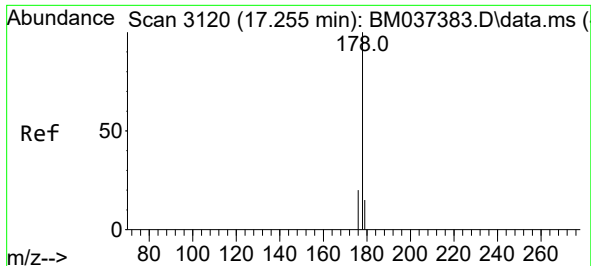
Tgt Ion:166 Resp: 16812
Ion Ratio Lower Upper
166 100
165 100.2 79.0 118.4
167 13.8 11.1 16.7



#14
Pentachlorophenol
Concen: 0.330 ng/ul
RT: 16.878 min Scan# 3031
Delta R.T. 0.000 min
Lab File: BMCCC400.D
Acq: 07 Nov 2022 20:52

Tgt Ion:266 Resp: 1852
Ion Ratio Lower Upper
266 100
264 61.7 49.9 74.9
268 63.1 51.9 77.9

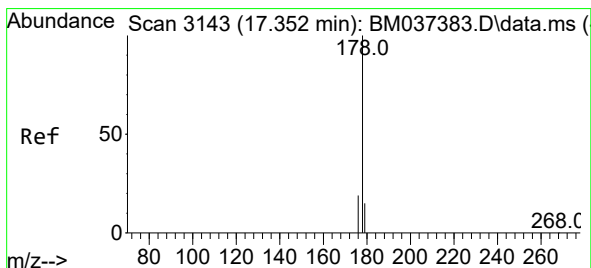
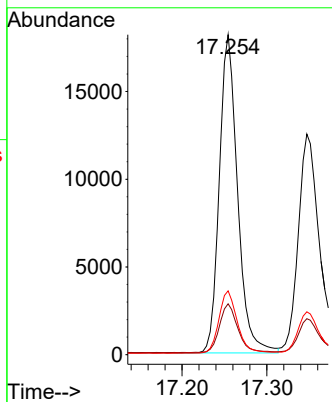
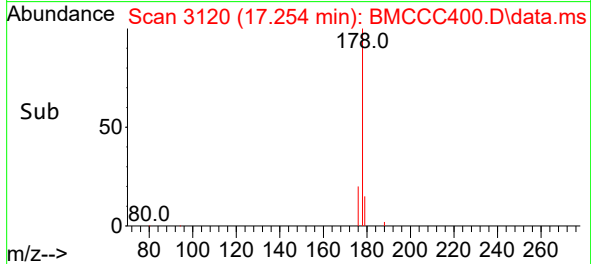
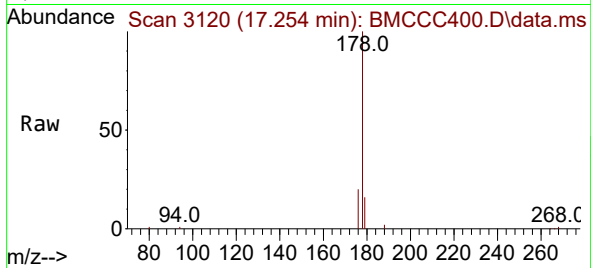




#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 17.254 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BMCCC400.D
Acq: 07 Nov 2022 20:52

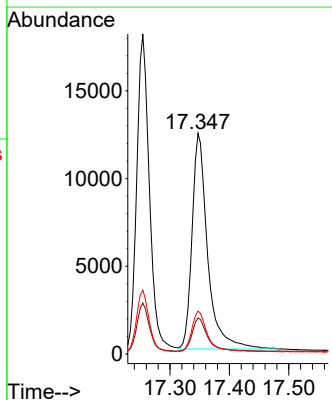
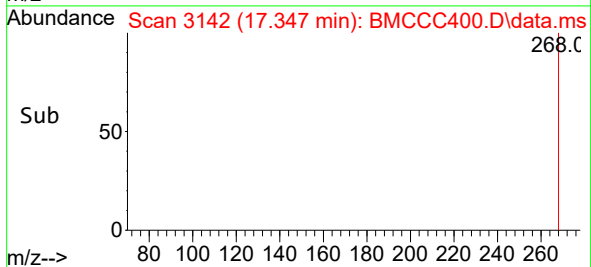
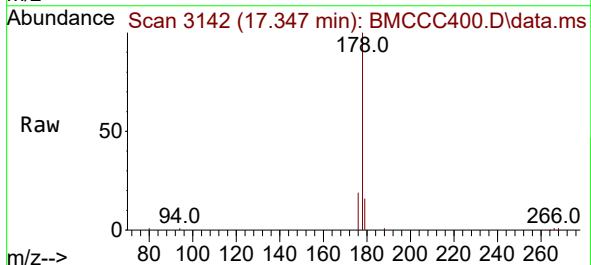
Instrument :
BNA_M
ClientSampleId :
SSTD0.4166

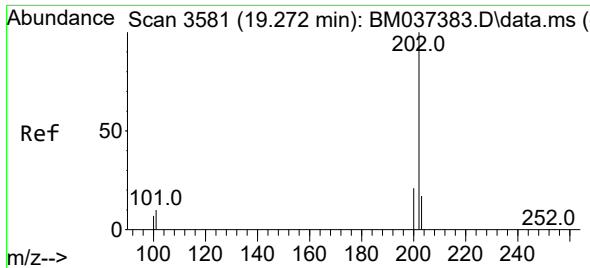
Tgt Ion:178 Resp: 27093
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.9 16.0 24.0



#16
Anthracene
Concen: 0.377 ng/ul
RT: 17.347 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BMCCC400.D
Acq: 07 Nov 2022 20:52

Tgt Ion:178 Resp: 22371
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 19.5 15.5 23.3

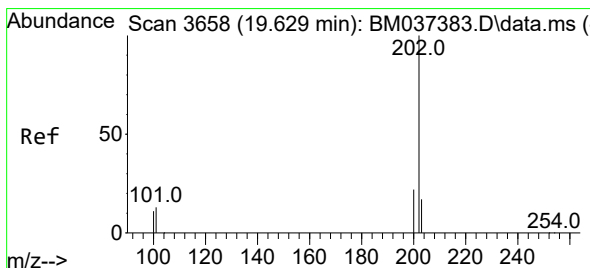
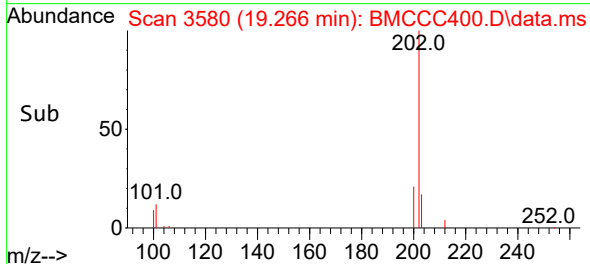
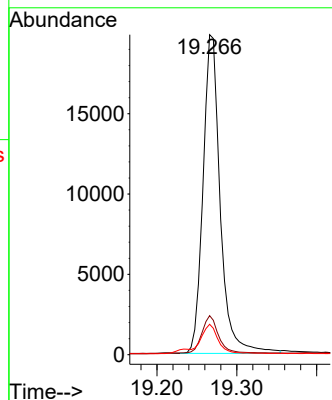
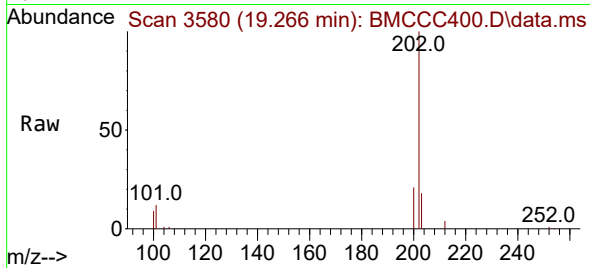




#19
Fluoranthene
Concen: 0.409 ng/ul
RT: 19.266 min Scan# 3580
Delta R.T. -0.005 min
Lab File: BMCCC400.D
Acq: 07 Nov 2022 20:52

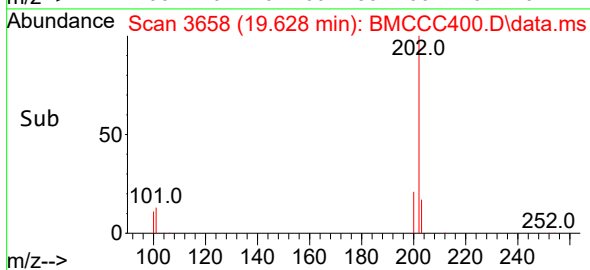
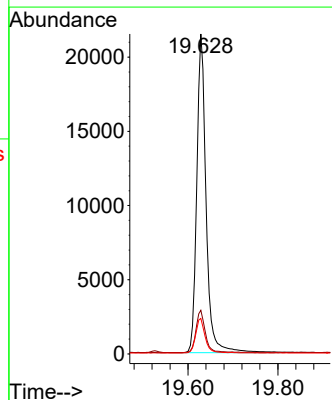
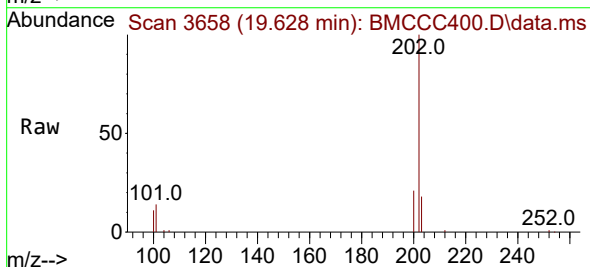
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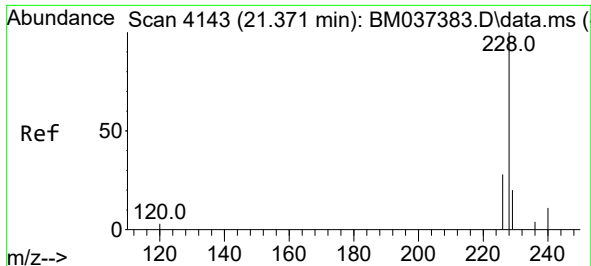
Tgt Ion:202 Resp: 29768
Ion Ratio Lower Upper
202 100
101 12.2 8.7 13.1
100 9.5 6.6 10.0



#20
Pyrene
Concen: 0.407 ng/ul
RT: 19.628 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BMCCC400.D
Acq: 07 Nov 2022 20:52

Tgt Ion:202 Resp: 31028
Ion Ratio Lower Upper
202 100
101 13.7 11.1 16.7
100 11.1 9.0 13.4

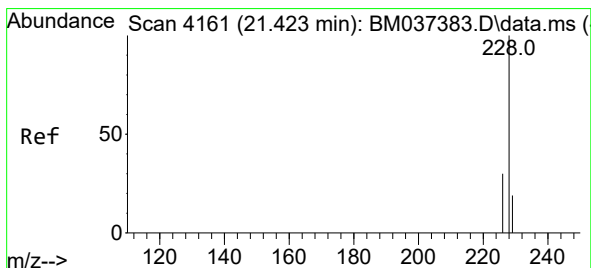
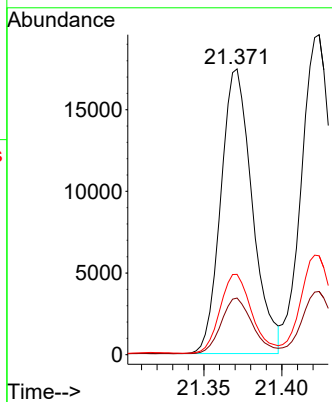
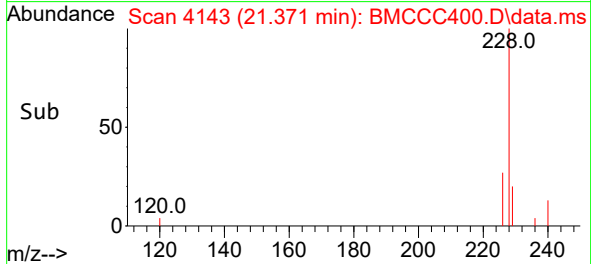
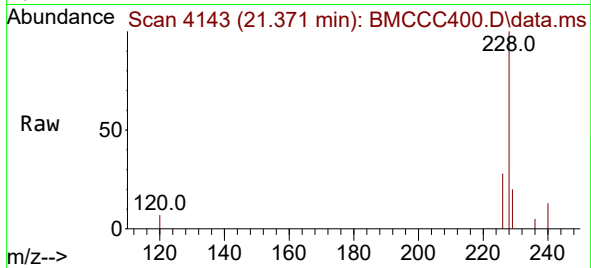




#21
Benzo(a)anthracene
Concen: 0.369 ng/ul
RT: 21.371 min Scan# 4143
Delta R.T. 0.003 min
Lab File: BMCCC400.D
Acq: 07 Nov 2022 20:52

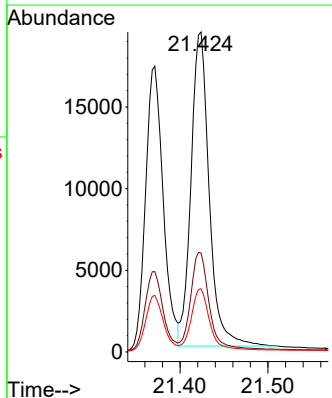
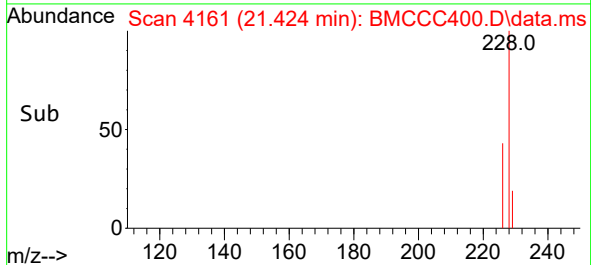
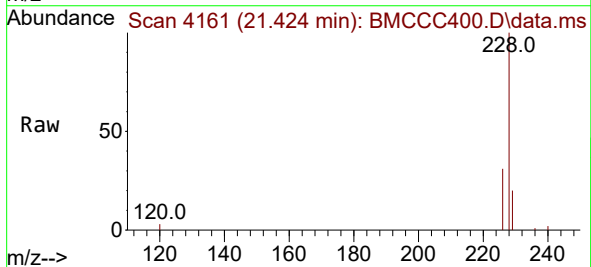
Instrument :
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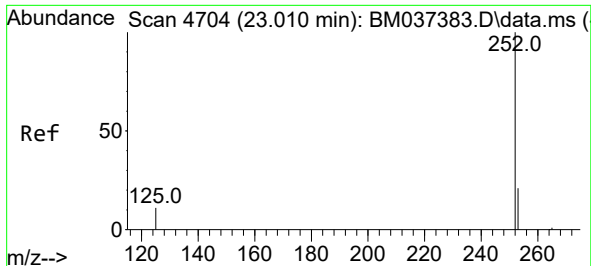
Tgt Ion:228 Resp: 24485
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 28.1 22.6 33.8



#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. 0.000 min
Lab File: BMCCC400.D
Acq: 07 Nov 2022 20:52

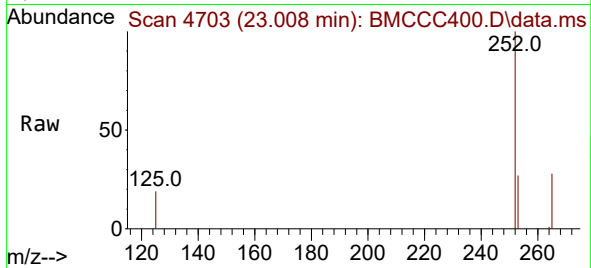
Tgt Ion:228 Resp: 27653
Ion Ratio Lower Upper
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226 30.9 24.8 37.2
229 19.7 15.6 23.4



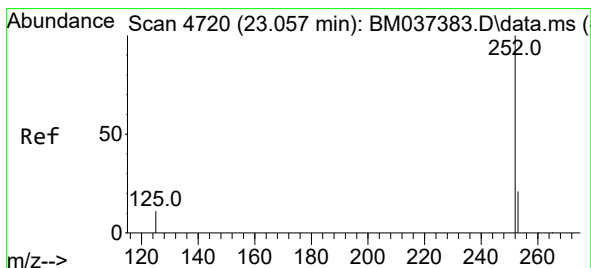
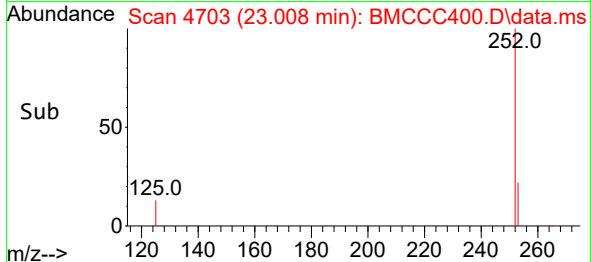
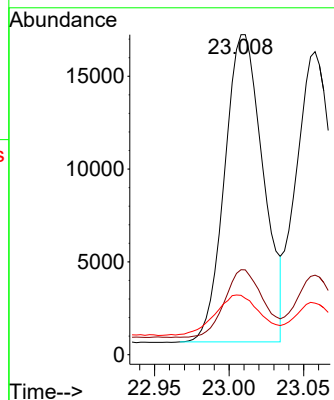


#24
Benzo(b)fluoranthene
Concen: 0.394 ng/ul
RT: 23.008 min Scan# 4703
Delta R.T. -0.003 min
Lab File: BMCCC400.D
Acq: 07 Nov 2022 20:52

Instrument :
BNA_M
ClientSampleId :
SSTD0.4166

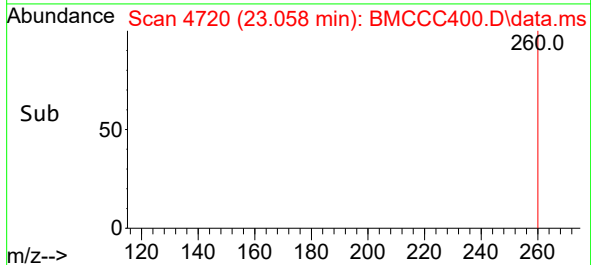
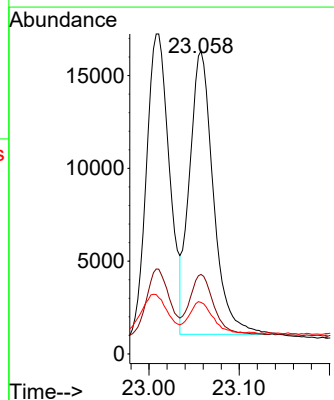
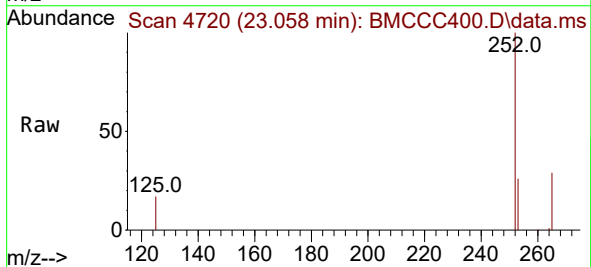


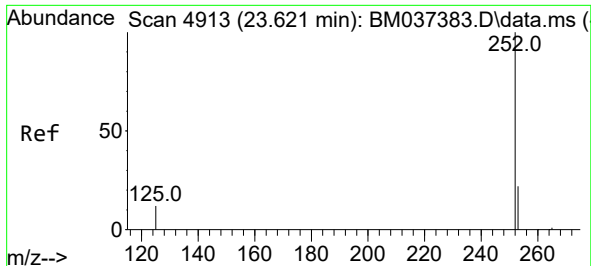
Tgt Ion:252 Resp: 29764
Ion Ratio Lower Upper
252 100
253 26.6 0.0 52.6
125 18.6 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.387 ng/ul
RT: 23.058 min Scan# 4720
Delta R.T. 0.000 min
Lab File: BMCCC400.D
Acq: 07 Nov 2022 20:52

Tgt Ion:252 Resp: 27997
Ion Ratio Lower Upper
252 100
253 26.3 21.6 32.4
125 17.0 13.8 20.8

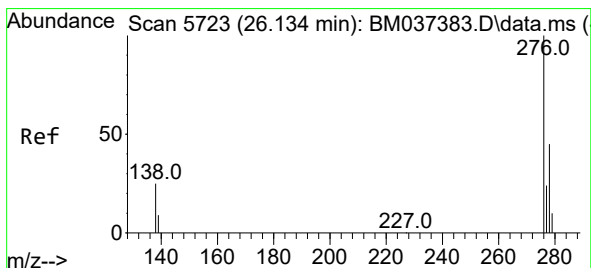
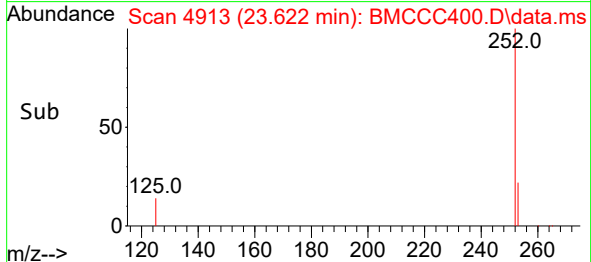
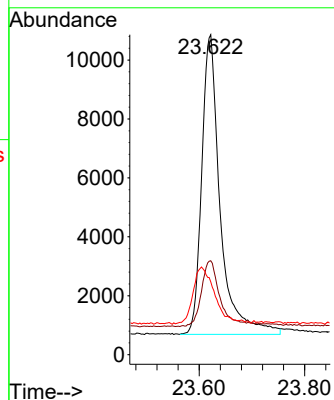
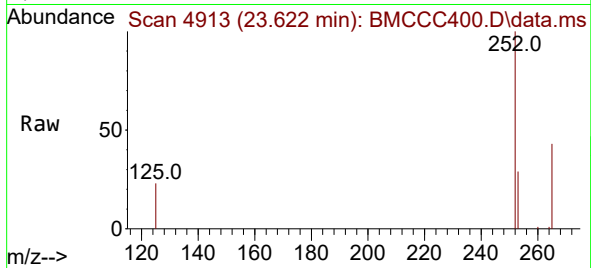




#26
Benzo(a)pyrene
Concen: 0.391 ng/ul
RT: 23.622 min Scan# 4913
Delta R.T. 0.003 min
Lab File: BMCCC400.D
Acq: 07 Nov 2022 20:52

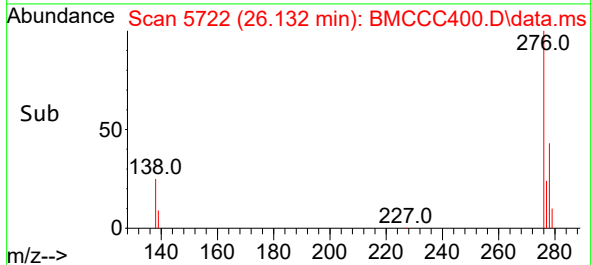
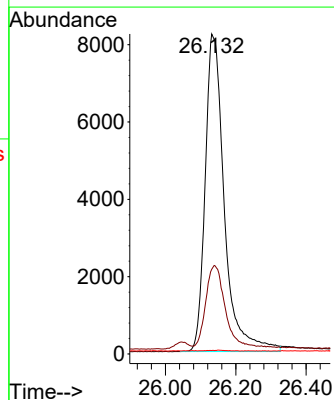
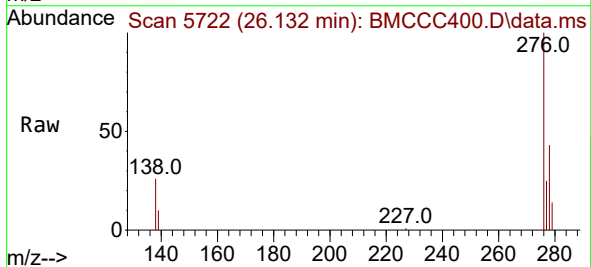
Instrument :
BNA_M
ClientSampleId :
SSTD0.4166

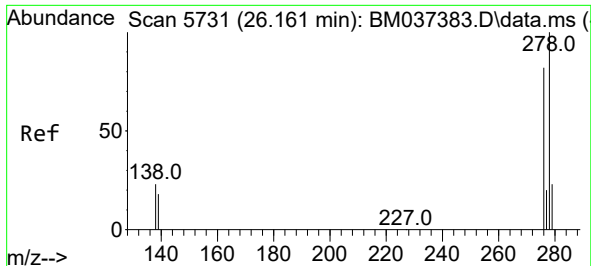
Tgt Ion:252 Resp: 24708
Ion Ratio Lower Upper
252 100
253 29.4 23.8 35.6
125 22.8 17.2 25.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng/ul
RT: 26.132 min Scan# 5722
Delta R.T. -0.007 min
Lab File: BMCCC400.D
Acq: 07 Nov 2022 20:52

Tgt Ion:276 Resp: 31047
Ion Ratio Lower Upper
276 100
138 26.7 20.8 31.2
227 0.1 0.1 0.1

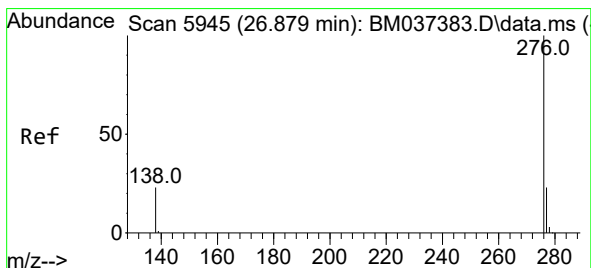
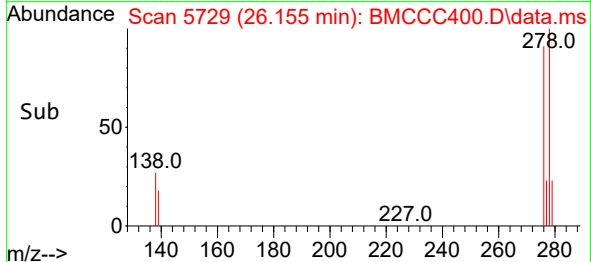
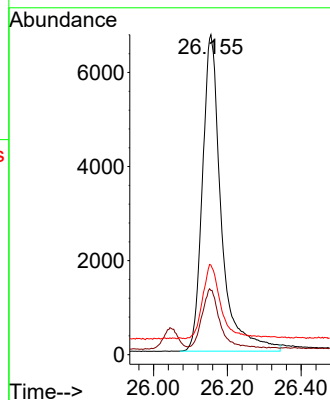
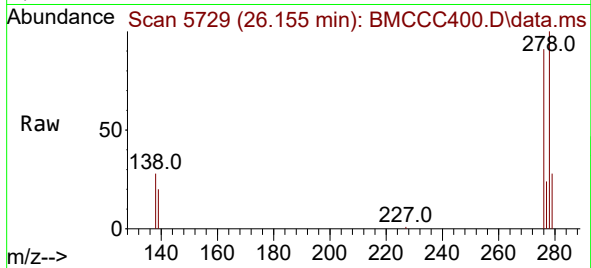




#28
Dibenzo(a,h)anthracene
Concen: 0.367 ng/ul
RT: 26.155 min Scan# 51
Delta R.T. 0.000 min
Lab File: BMCCC400.D
Acq: 07 Nov 2022 20:52

Instrument :
BNA_M
ClientSampleId :
SSTD0.4166

Tgt Ion:278 Resp: 23797
Ion Ratio Lower Upper
278 100
139 20.0 15.2 22.8
279 28.0 22.2 33.2



#29
Benzo(g,h,i)perylene
Concen: 0.363 ng/ul
RT: 26.883 min Scan# 5946
Delta R.T. 0.003 min
Lab File: BMCCC400.D
Acq: 07 Nov 2022 20:52

Tgt Ion:276 Resp: 26383
Ion Ratio Lower Upper
276 100
138 25.4 19.6 29.4
277 24.9 20.1 30.1

