

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BNCCC969.D
 Acq On : 29 Sep 2023 20:00
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4281

Quant Time: Sep 30 01:07:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

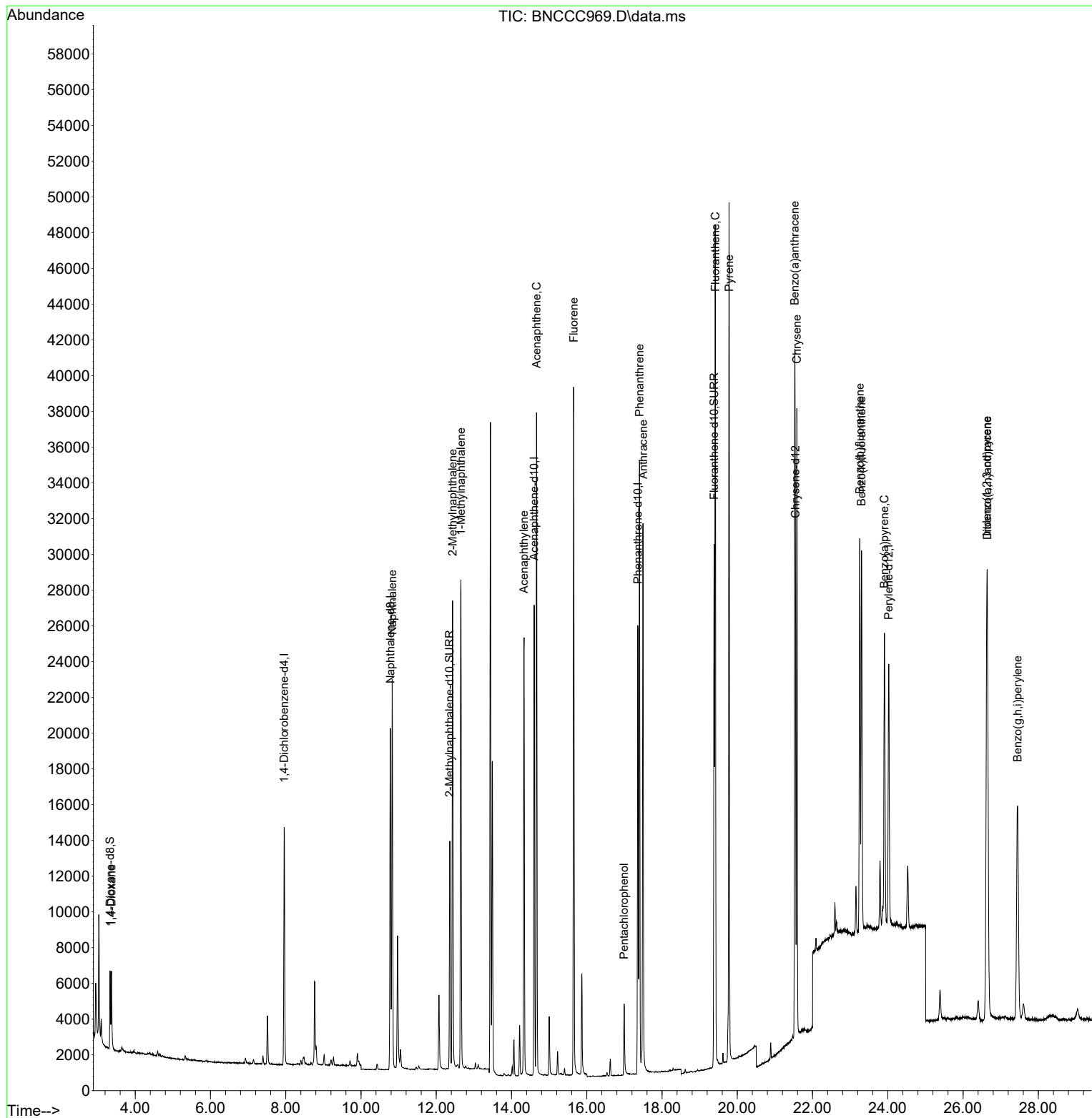
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	6932	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	25500	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	14825	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	30108	0.400	ng/ul	0.00
17) Chrysene-d12	21.545	240	20783	0.400	ng/ul	0.00
23) Perylene-d12	24.024	264	21091	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	3128	0.358	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	17053	0.441	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	32587	0.513	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.368	88	3158	0.348	ng/ul	96
5) Naphthalene	10.828	128	29109	0.399	ng/ul	100
7) 2-Methylnaphthalene	12.434	142	18882	0.408	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	19236	0.403	ng/ul	98
10) Acenaphthylene	14.333	152	28537	0.441	ng/ul	99
11) Acenaphthene	14.666	153	21031	0.376	ng/ul	97
12) Fluorene	15.651	166	23719	0.360	ng/ul	99
14) Pentachlorophenol	16.991	266	2965	0.421	ng/ul	99
15) Phenanthrene	17.401	178	36207	0.383	ng/ul	99
16) Anthracene	17.494	178	34699	0.438	ng/ul	99
19) Fluoranthene	19.413	202	39151	0.466	ng/ul	98
20) Pyrene	19.780	202	39489	0.456	ng/ul	99
21) Benzo(a)anthracene	21.527	228	31947	0.397	ng/ul	98
22) Chrysene	21.583	228	30128	0.363	ng/ul	99
24) Benzo(b)fluoranthene	23.255	252	29381	0.313	ng/ul	92
25) Benzo(k)fluoranthene	23.302	252	29397	0.323	ng/ul#	92
26) Benzo(a)pyrene	23.910	252	25920	0.343	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.633	276	34073	0.352	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.643	278	27910	0.358	ng/ul	93
29) Benzo(g,h,i)perylene	27.448	276	27975	0.340	ng/ul	96

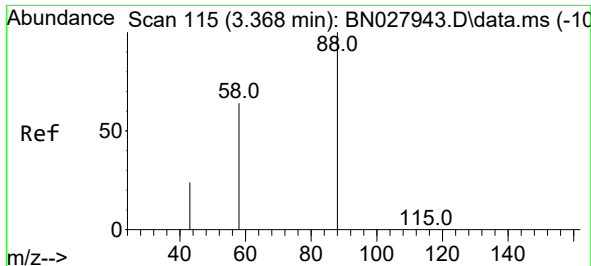
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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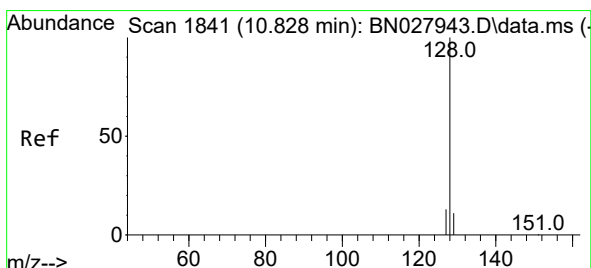
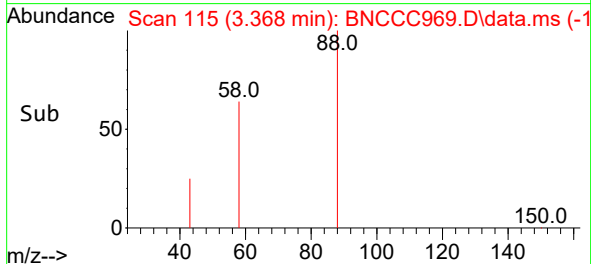
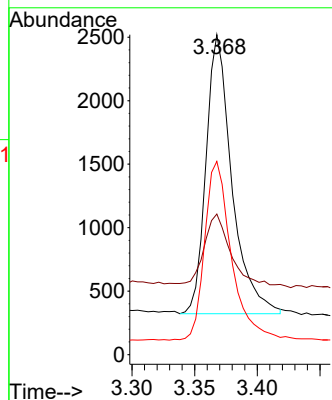
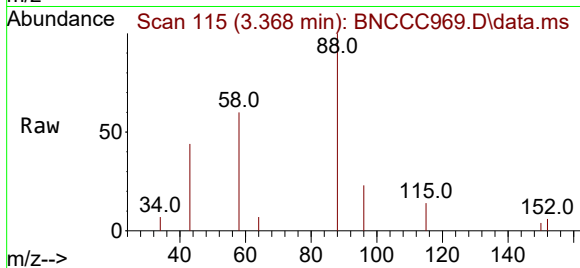




#2
1,4-Dioxane
Concen: 0.348 ng/ul
RT: 3.368 min Scan# 115
Delta R.T. 0.000 min
Lab File: BNCCC969.D
Acq: 29 Sep 2023 20:00

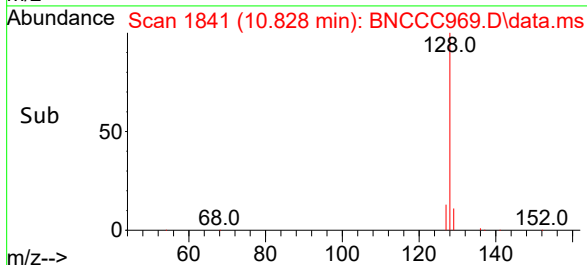
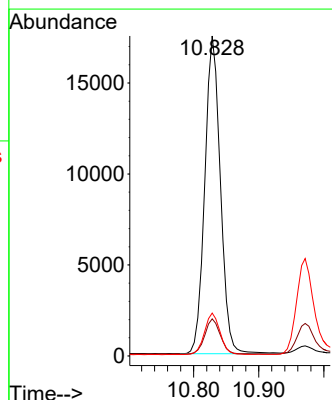
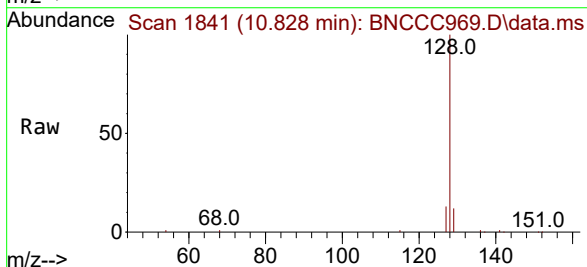
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SSTD0.4281

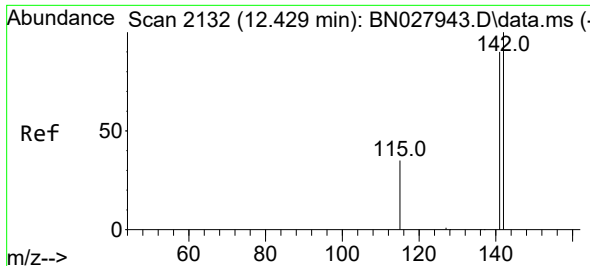
Tgt Ion: 88 Resp: 3158
Ion Ratio Lower Upper
88 100
43 43.9 39.6 59.4
58 60.4 48.3 72.5



#5
Naphthalene
Concen: 0.399 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BNCCC969.D
Acq: 29 Sep 2023 20:00

Tgt Ion: 128 Resp: 29109
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.4 10.7 16.1

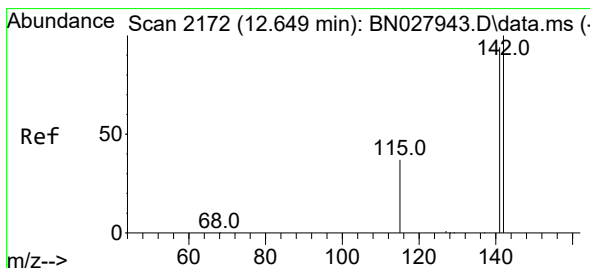
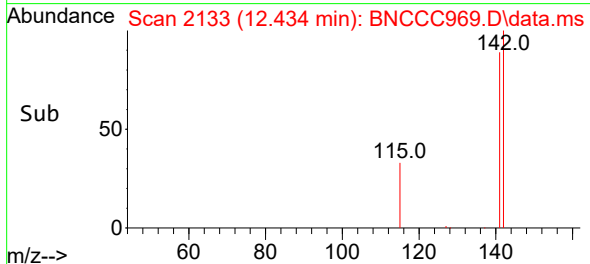
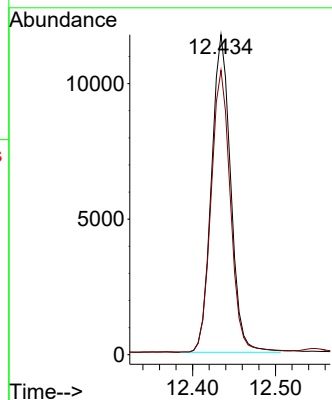
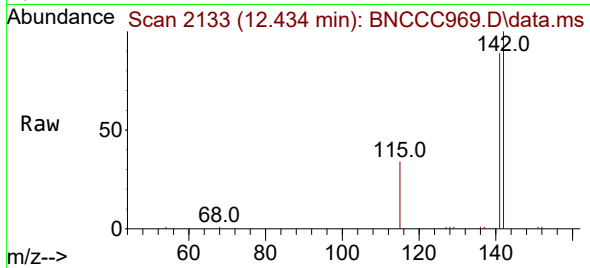




#7
2-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BNCCC969.D
Acq: 29 Sep 2023 20:00

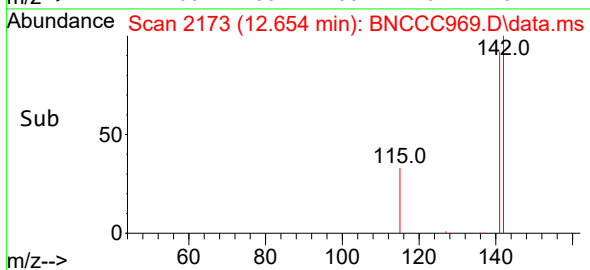
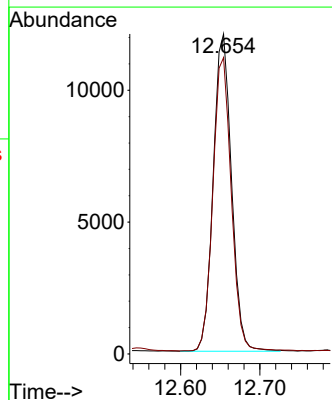
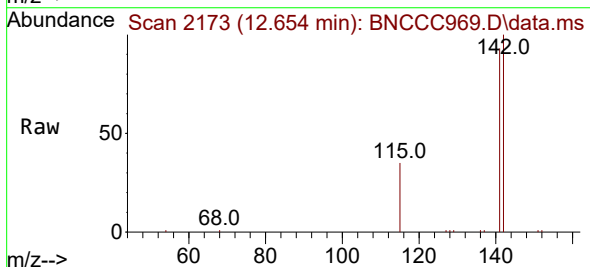
Instrument :
BNA_N
ClientSampleId :
SSTD0.4281

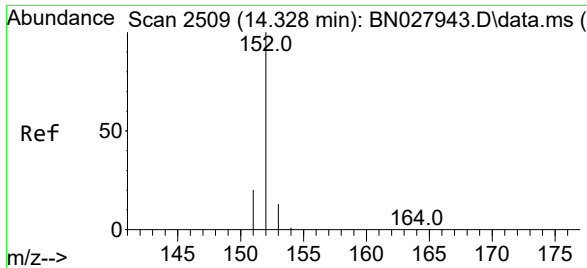
Tgt Ion:142 Resp: 18882
Ion Ratio Lower Upper
142 100
141 89.2 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BNCCC969.D
Acq: 29 Sep 2023 20:00

Tgt Ion:142 Resp: 19236
Ion Ratio Lower Upper
142 100
141 92.8 72.8 109.2

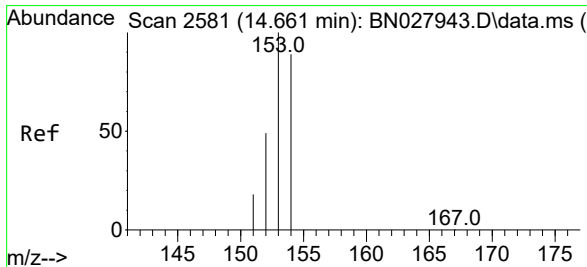
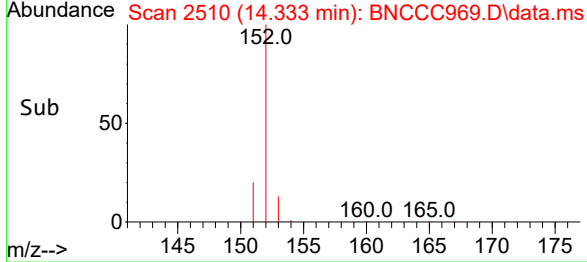
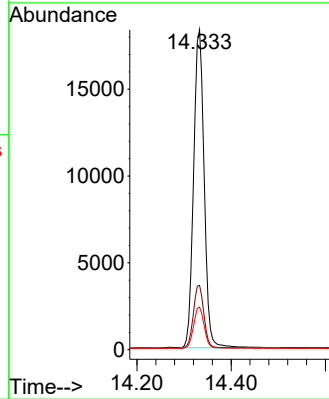
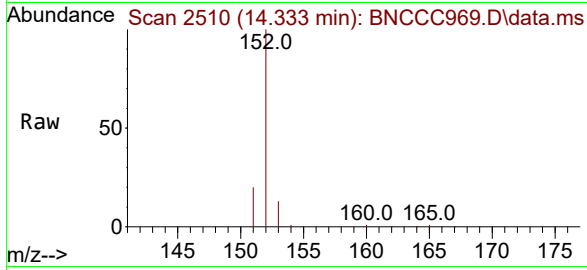




#10
Acenaphthylene
Concen: 0.441 ng/ul
RT: 14.333 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BNCCC969.D
Acq: 29 Sep 2023 20:00

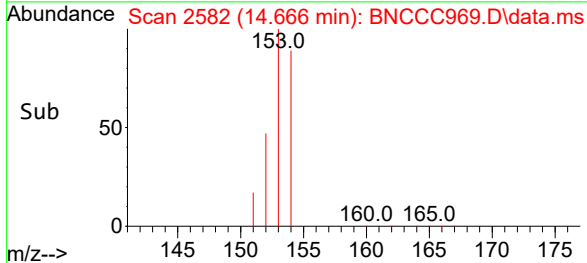
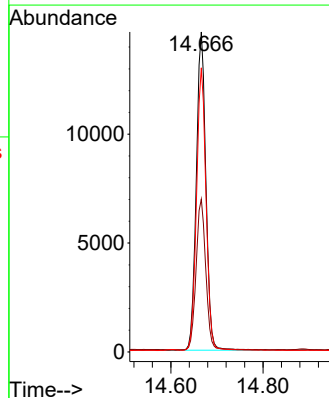
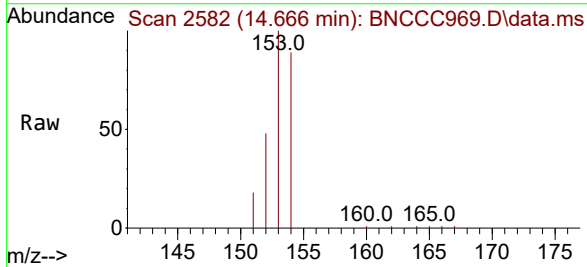
Instrument :
BNA_N
ClientSampleId :
SSTD0.4281

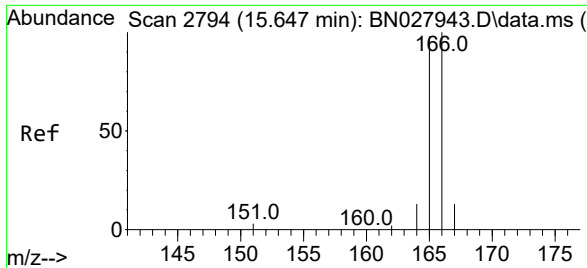
Tgt Ion:152 Resp: 28537
Ion Ratio Lower Upper
152 100
151 20.1 16.6 25.0
153 13.3 11.0 16.6



#11
Acenaphthene
Concen: 0.376 ng/ul
RT: 14.666 min Scan# 2582
Delta R.T. 0.000 min
Lab File: BNCCC969.D
Acq: 29 Sep 2023 20:00

Tgt Ion:153 Resp: 21031
Ion Ratio Lower Upper
153 100
152 47.8 41.7 62.5
154 88.8 70.3 105.5

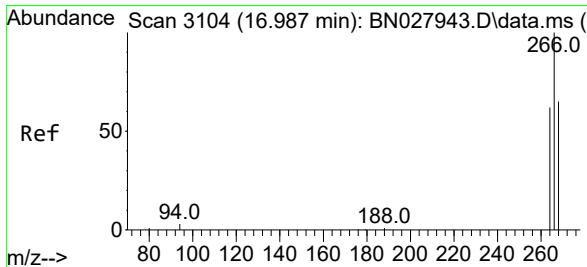
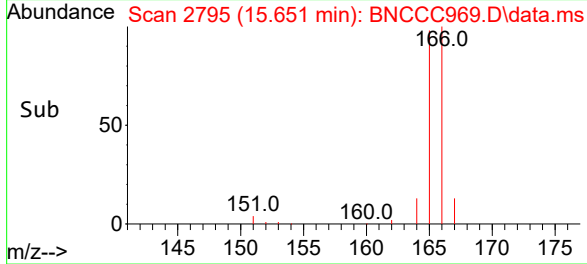
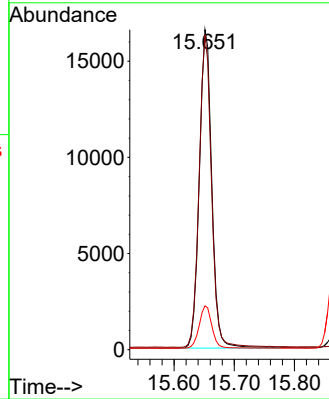
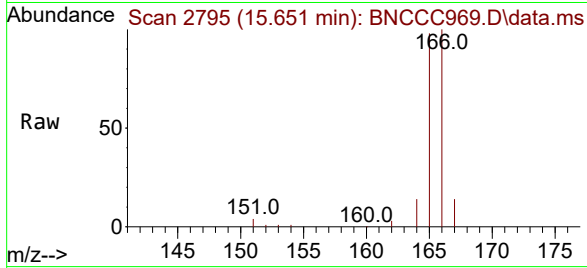




#12
 Fluorene
 Concen: 0.360 ng/ul
 RT: 15.651 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BNCCC969.D
 Acq: 29 Sep 2023 20:00

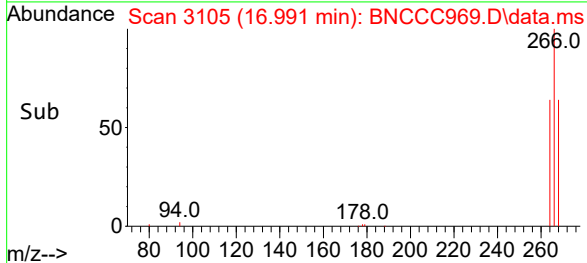
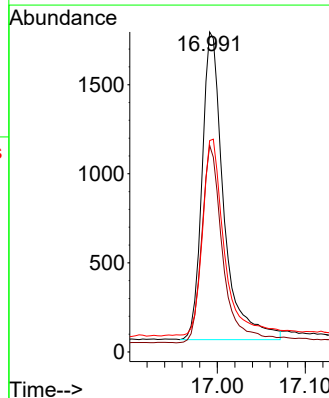
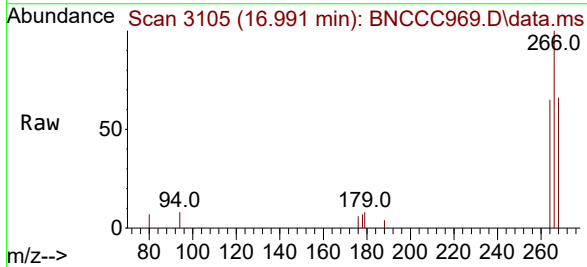
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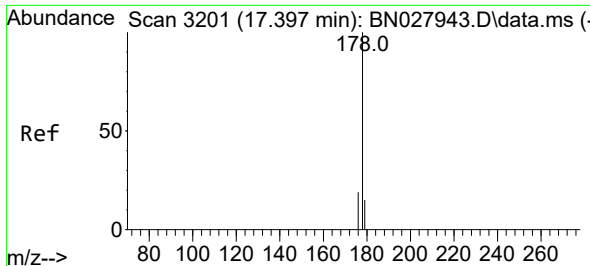
Tgt Ion:	166	Resp:	23719
Ion Ratio	Lower	Upper	
166	100		
165	98.5	78.0	117.0
167	13.7	11.4	17.2



#14
 Pentachlorophenol
 Concen: 0.421 ng/ul
 RT: 16.991 min Scan# 3105
 Delta R.T. 0.004 min
 Lab File: BNCCC969.D
 Acq: 29 Sep 2023 20:00

Tgt Ion:	266	Resp:	2965
Ion Ratio	Lower	Upper	
266	100		
264	62.6	49.6	74.4
268	65.0	50.7	76.1

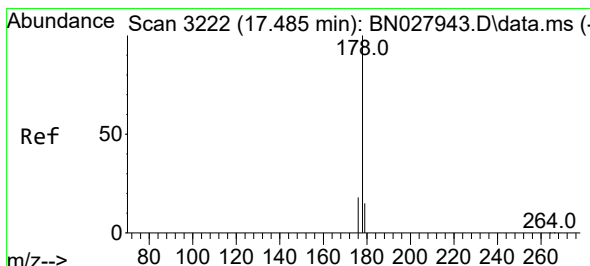
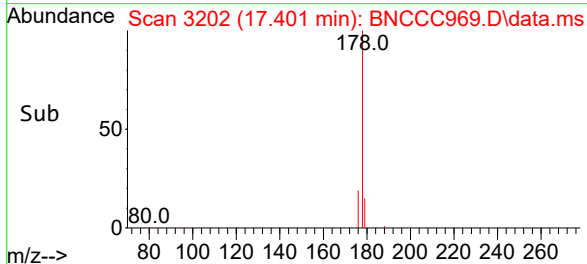
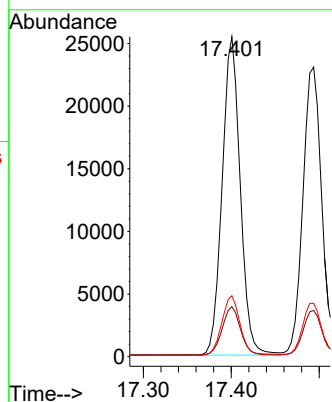
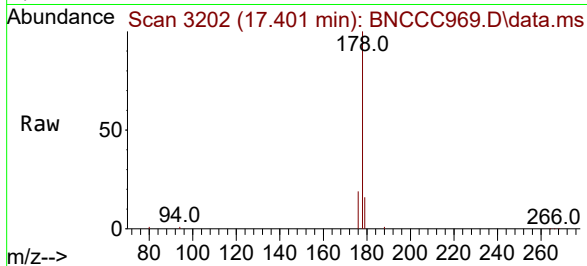




#15
Phenanthrene
Concen: 0.383 ng/u1
RT: 17.401 min Scan# 31
Delta R.T. 0.004 min
Lab File: BNCCC969.D
Acq: 29 Sep 2023 20:00

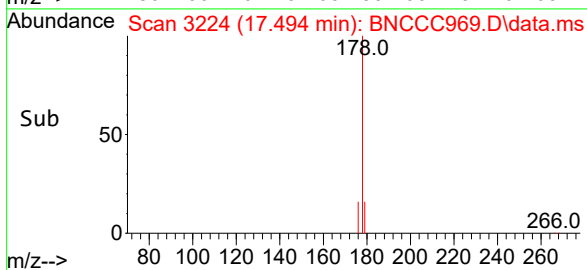
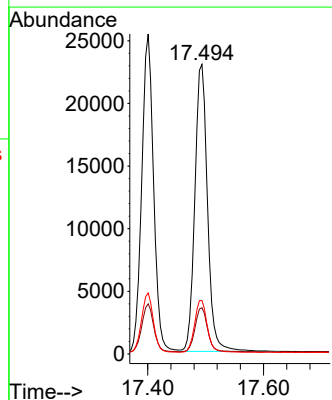
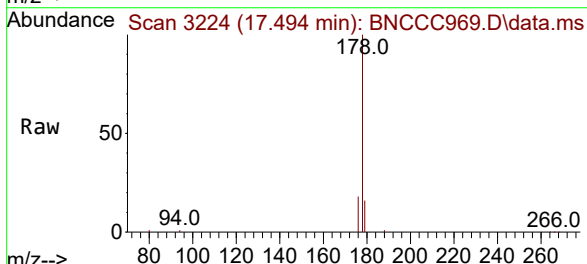
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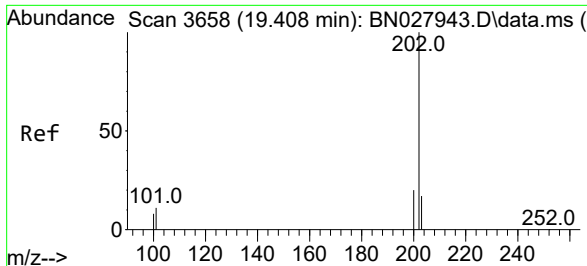
Tgt Ion:178 Resp: 36207
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.0 16.0 24.0



#16
Anthracene
Concen: 0.438 ng/u1
RT: 17.494 min Scan# 3224
Delta R.T. 0.004 min
Lab File: BNCCC969.D
Acq: 29 Sep 2023 20:00

Tgt Ion:178 Resp: 34699
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 18.5 15.5 23.3

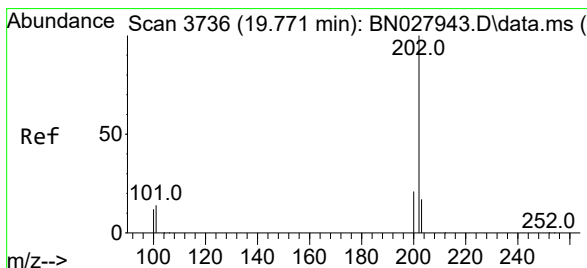
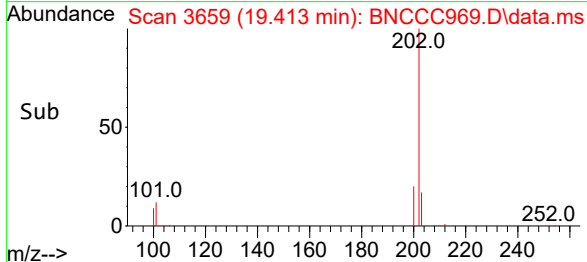
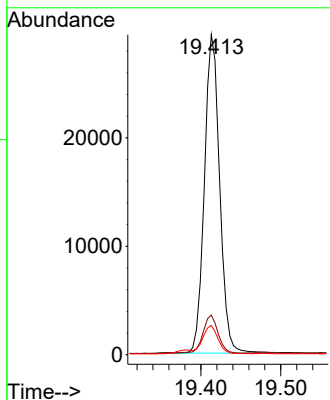
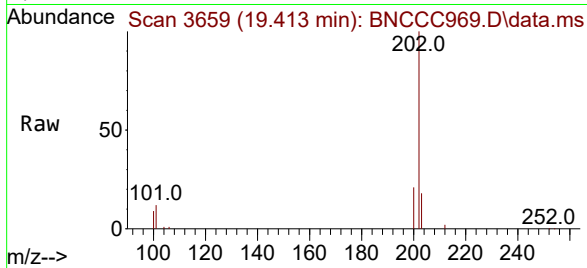




#19
Fluoranthene
Concen: 0.466 ng/ul
RT: 19.413 min Scan# 3659
Delta R.T. 0.005 min
Lab File: BNCCC969.D
Acq: 29 Sep 2023 20:00

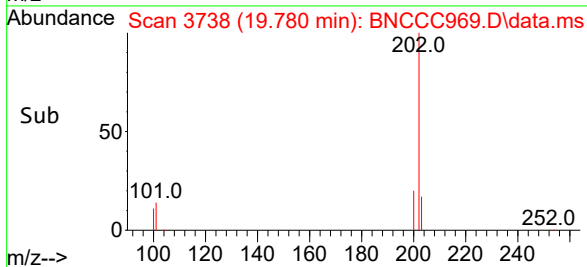
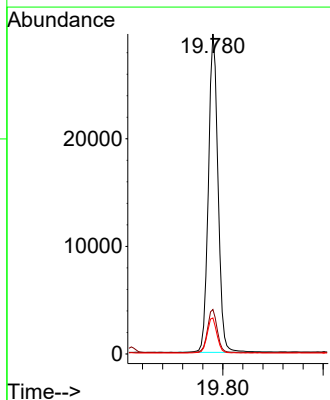
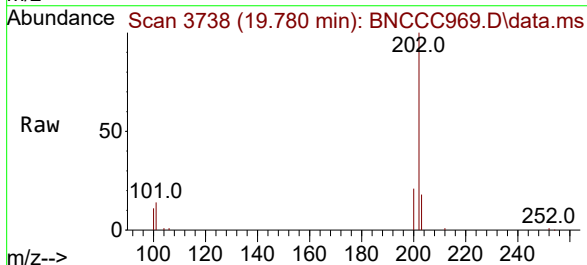
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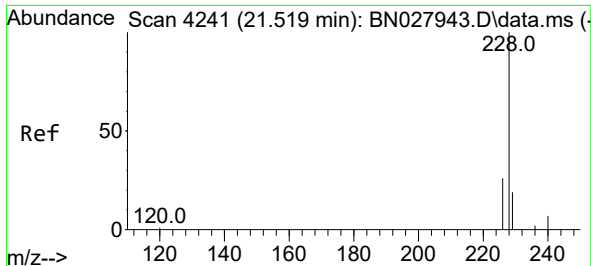
Tgt Ion:202 Resp: 39151
Ion Ratio Lower Upper
202 100
101 12.4 9.3 13.9
100 9.1 7.0 10.4



#20
Pyrene
Concen: 0.456 ng/ul
RT: 19.780 min Scan# 3738
Delta R.T. 0.005 min
Lab File: BNCCC969.D
Acq: 29 Sep 2023 20:00

Tgt Ion:202 Resp: 39489
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.0
100 11.2 9.1 13.7

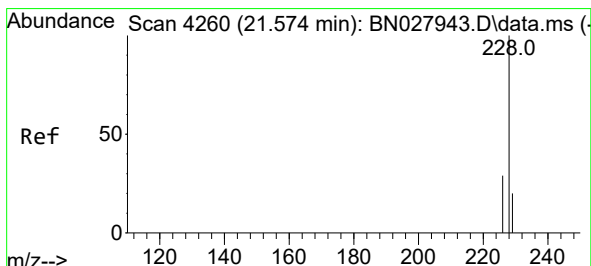
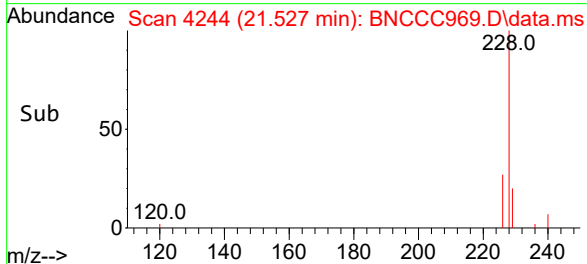
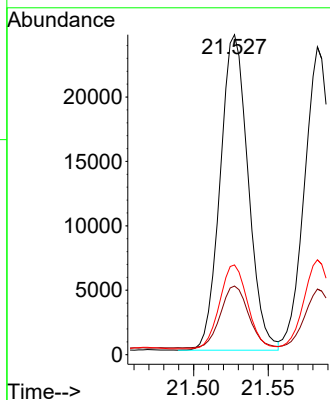
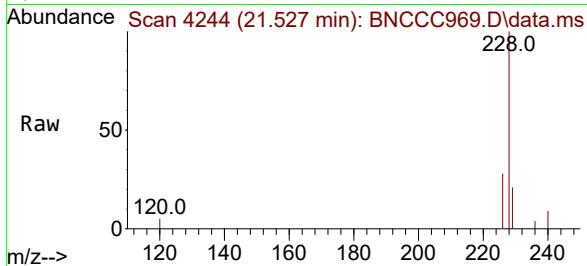




#21
Benzo(a)anthracene
Concen: 0.397 ng/ul
RT: 21.527 min Scan# 4241
Delta R.T. 0.009 min
Lab File: BNCCC969.D
Acq: 29 Sep 2023 20:00

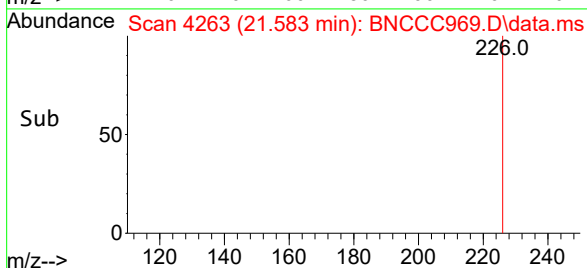
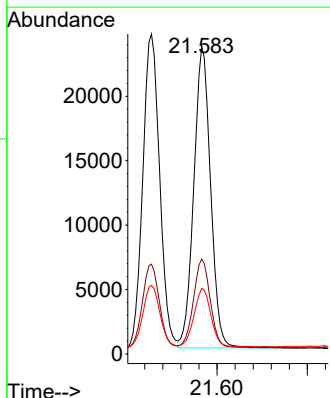
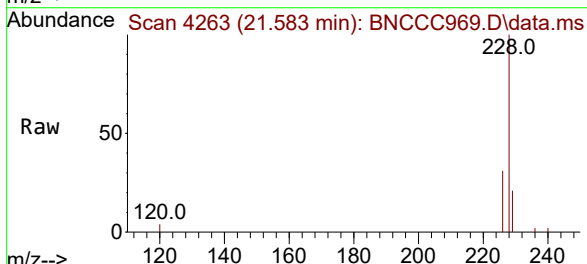
Instrument :
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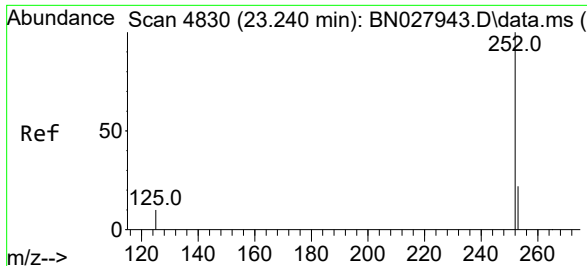
Tgt Ion:228 Resp: 31947
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.8
226 28.1 22.0 33.0



#22
Chrysene
Concen: 0.363 ng/ul
RT: 21.583 min Scan# 4263
Delta R.T. 0.009 min
Lab File: BNCCC969.D
Acq: 29 Sep 2023 20:00

Tgt Ion:228 Resp: 30128
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 21.3 16.0 24.0

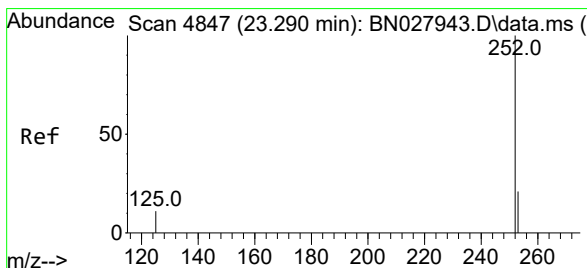
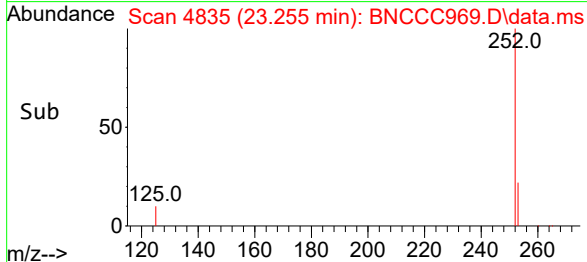
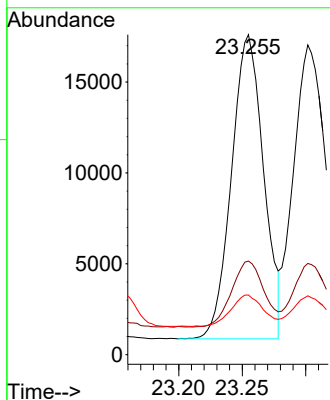
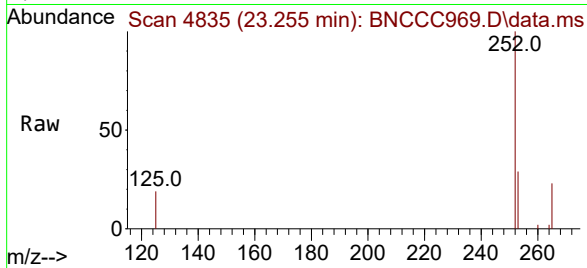




#24
Benzo(b)fluoranthene
Concen: 0.313 ng/ul
RT: 23.255 min Scan# 4835
Delta R.T. 0.015 min
Lab File: BNCCC969.D
Acq: 29 Sep 2023 20:00

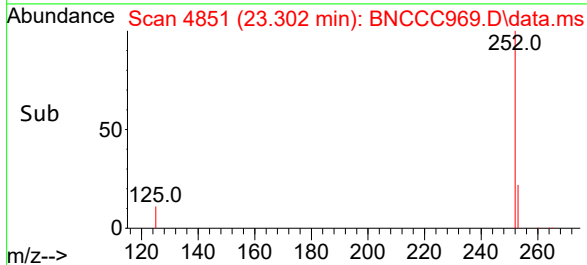
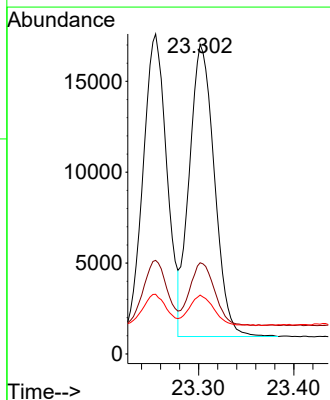
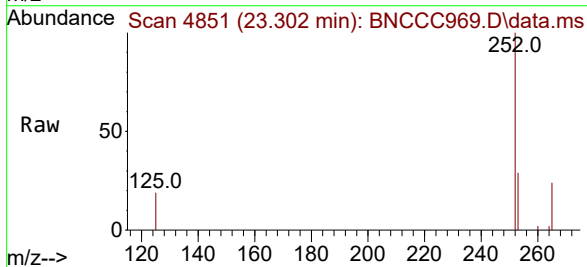
Instrument :
BNA_N
ClientSampleId :
SSTD0.4281

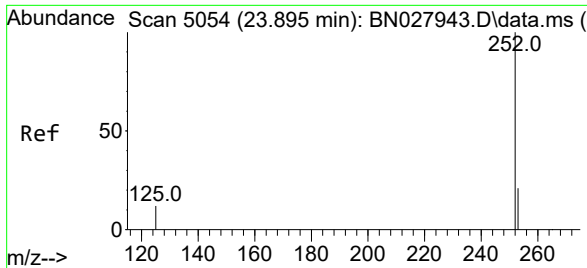
Tgt Ion:252 Resp: 29381
Ion Ratio Lower Upper
252 100
253 29.3 0.0 50.2
125 18.7 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.323 ng/ul
RT: 23.302 min Scan# 4851
Delta R.T. 0.009 min
Lab File: BNCCC969.D
Acq: 29 Sep 2023 20:00

Tgt Ion:252 Resp: 29397
Ion Ratio Lower Upper
252 100
253 29.4 19.9 29.9
125 19.0 12.6 19.0#

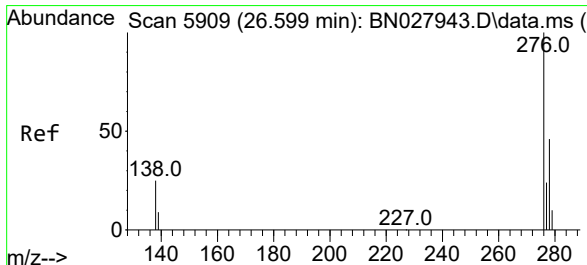
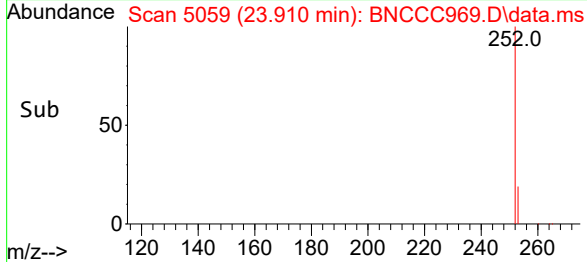
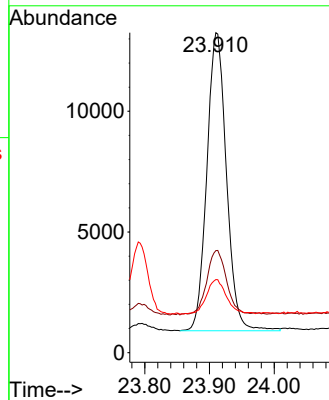
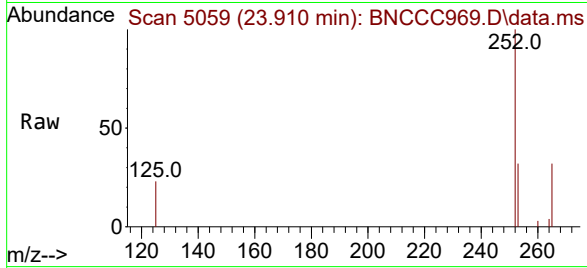




#26
Benzo(a)pyrene
Concen: 0.343 ng/ul
RT: 23.910 min Scan# 5054
Delta R.T. 0.015 min
Lab File: BNCCC969.D
Acq: 29 Sep 2023 20:00

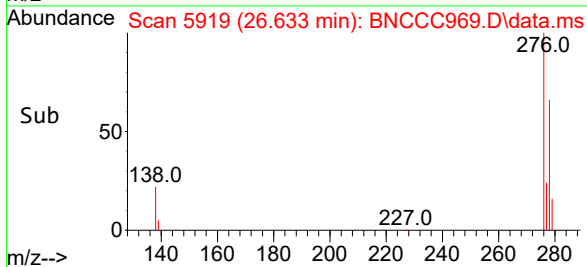
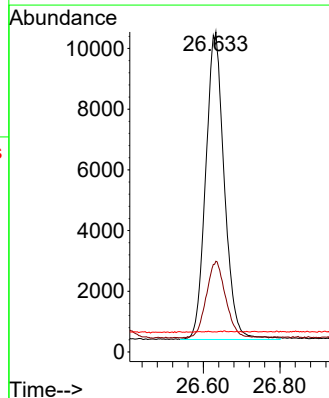
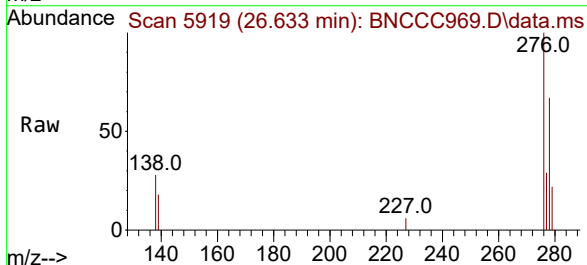
Instrument :
BNA_N
ClientSampleId :
SSTD0.4281

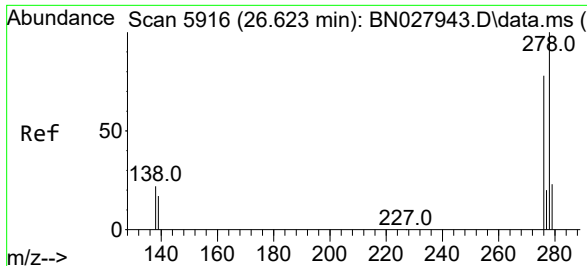
Tgt Ion:	252	Resp:	25920
Ion Ratio	Lower	Upper	
252	100		
253	31.9	21.9	32.9
125	22.8	15.5	23.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng/ul
RT: 26.633 min Scan# 5919
Delta R.T. 0.034 min
Lab File: BNCCC969.D
Acq: 29 Sep 2023 20:00

Tgt Ion:	276	Resp:	34073
Ion Ratio	Lower	Upper	
276	100		
138	26.1	24.3	36.5
227	0.1	0.0	0.0

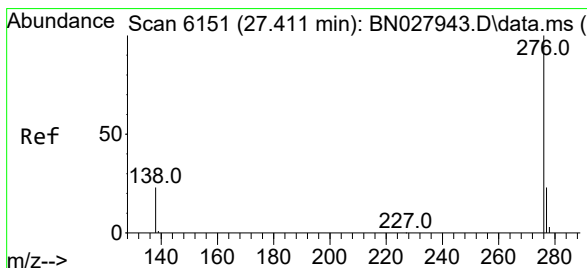
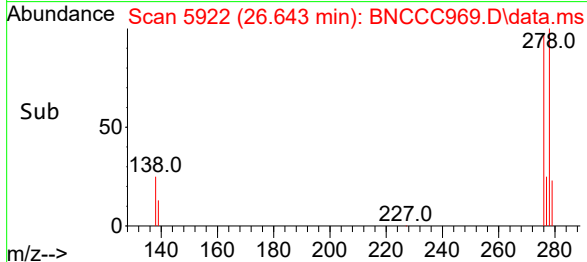
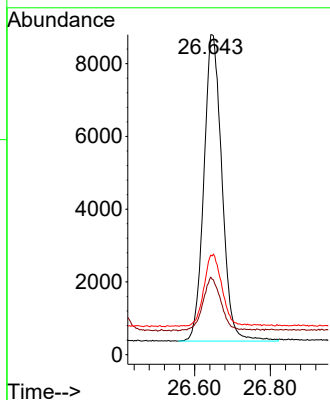
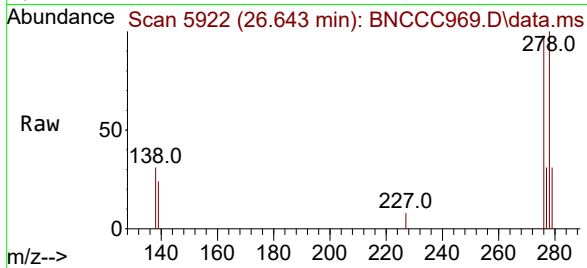




#28
 Dibenzo(a,h)anthracene
 Concen: 0.358 ng/ul
 RT: 26.643 min Scan# 5916
 Delta R.T. 0.020 min
 Lab File: BNCCC969.D
 Acq: 29 Sep 2023 20:00

Instrument :
 BNA_N
 ClientSampleId :
 SST00.4281

Tgt Ion:278 Resp: 27910
 Ion Ratio Lower Upper
 278 100
 139 24.2 17.2 25.8
 279 31.1 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.340 ng/ul
 RT: 27.448 min Scan# 6162
 Delta R.T. 0.037 min
 Lab File: BNCCC969.D
 Acq: 29 Sep 2023 20:00

Tgt Ion:276 Resp: 27975
 Ion Ratio Lower Upper
 276 100
 138 27.2 21.7 32.5
 277 29.2 20.2 30.2

