

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027851.D
 Acq On : 23 Sep 2023 07:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4271

Quant Time: Sep 25 00:47:48 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 : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

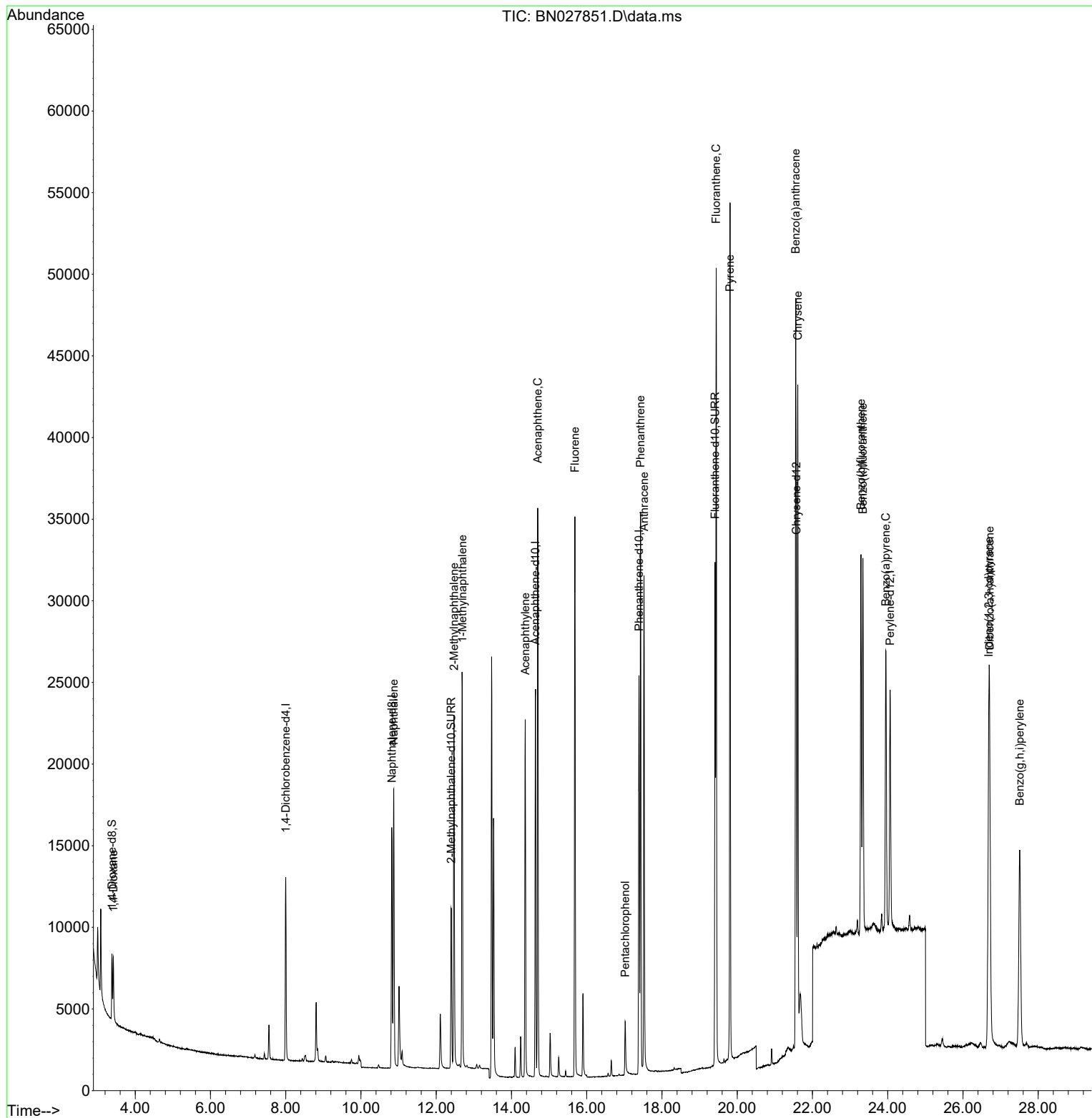
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	6023	0.400	ng/ul	0.00
4) Naphthalene-d8	10.817	136	21123	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.638	164	13498	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188	29584	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	23608	0.400	ng/ul	0.00
23) Perylene-d12	24.065	264	21569	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	2745	0.362	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	13703	0.428	ng/ul	-0.01
18) Fluoranthene-d10	19.413	212	33887	0.470	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.418	88	3005	0.381	ng/ul#	86
5) Naphthalene	10.872	128	24090	0.399	ng/ul	99
7) 2-Methylnaphthalene	12.473	142	15936	0.416	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	16946	0.429	ng/ul	100
10) Acenaphthylene	14.365	152	25564	0.434	ng/ul	99
11) Acenaphthene	14.698	153	19547	0.383	ng/ul	98
12) Fluorene	15.684	166	22340	0.373	ng/ul	99
14) Pentachlorophenol	17.021	266	2685	0.388	ng/ul	97
15) Phenanthrene	17.430	178	36303	0.391	ng/ul	99
16) Anthracene	17.523	178	33807	0.434	ng/ul	99
19) Fluoranthene	19.441	202	42387	0.444	ng/ul	100
20) Pyrene	19.808	202	44166	0.449	ng/ul	99
21) Benzo(a)anthracene	21.554	228	37354	0.409	ng/ul	99
22) Chrysene	21.609	228	35771	0.379	ng/ul	99
24) Benzo(b)fluoranthene	23.287	252	32447	0.337	ng/ul	89
25) Benzo(k)fluoranthene	23.340	252	32873	0.353	ng/ul#	89
26) Benzo(a)pyrene	23.951	252	28144	0.364	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.686	276	34341	0.347	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.706	278	27612	0.346	ng/ul#	92
29) Benzo(g,h,i)perylene	27.508	276	28117	0.334	ng/ul	97

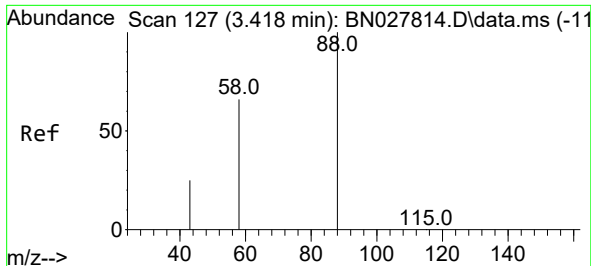
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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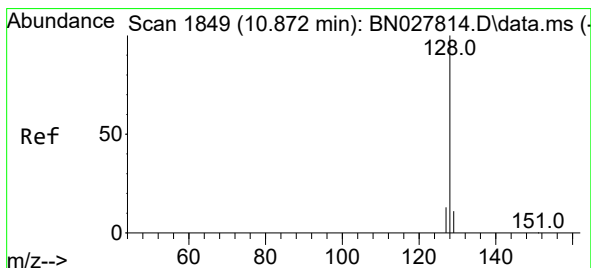
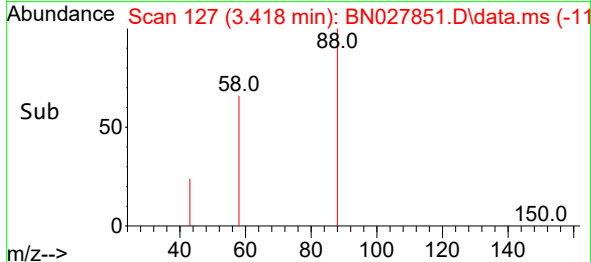
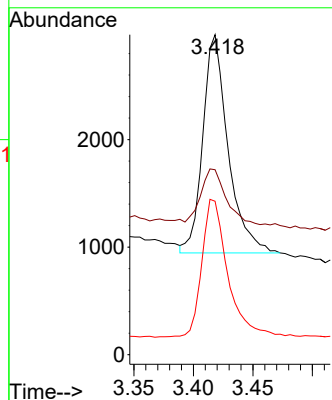
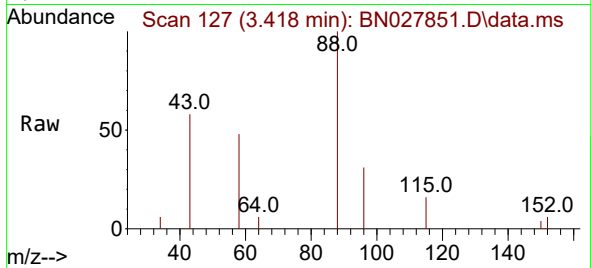




#2
1,4-Dioxane
Concen: 0.381 ng/ul
RT: 3.418 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027851.D
Acq: 23 Sep 2023 07:55

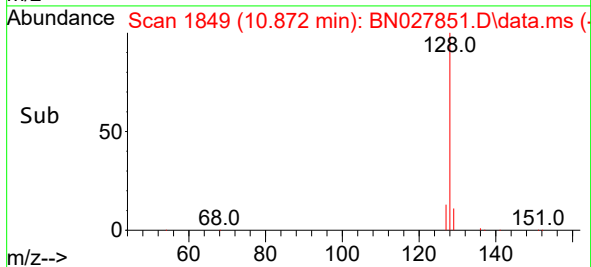
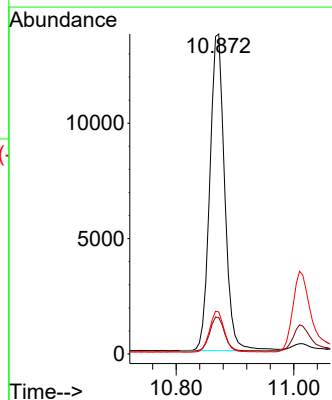
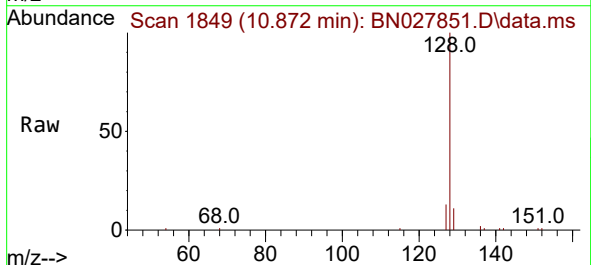
Instrument :
BNA_N
ClientSampleId :
SSTD0.4271

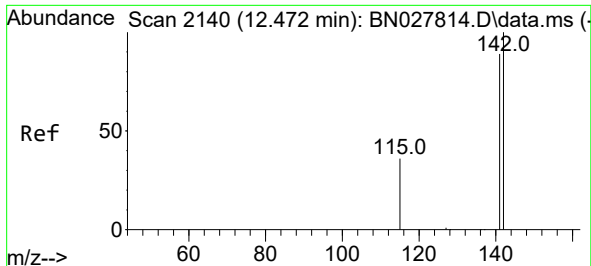
Tgt Ion: 88 Resp: 3005
Ion Ratio Lower Upper
88 100
43 57.8 39.6 59.4
58 47.9 48.3 72.5#



#5
Naphthalene
Concen: 0.399 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027851.D
Acq: 23 Sep 2023 07:55

Tgt Ion:128 Resp: 24090
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.2 10.7 16.1

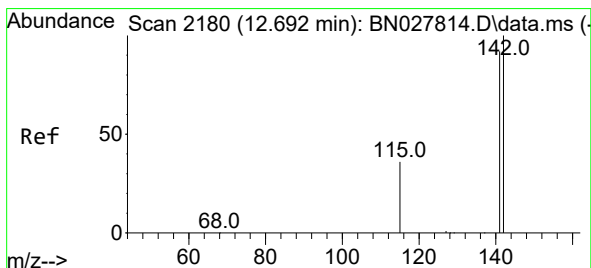
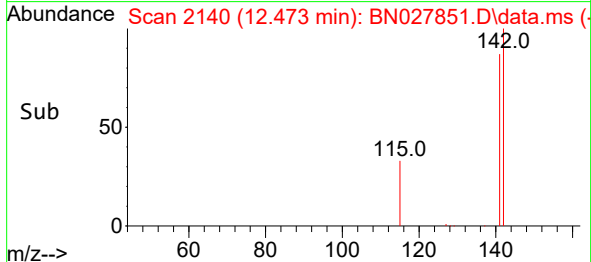
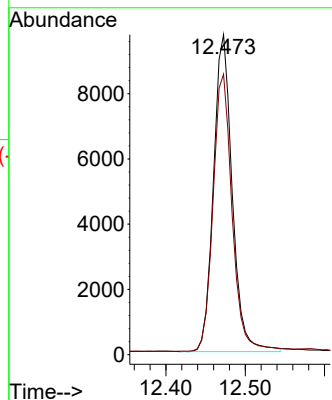
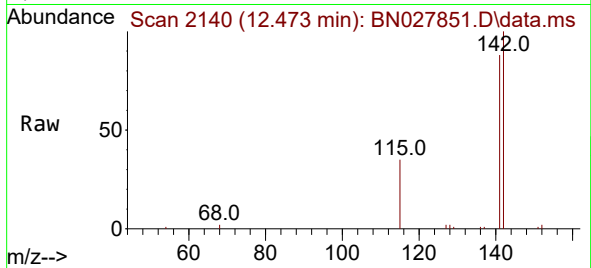




#7
2-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027851.D
Acq: 23 Sep 2023 07:55

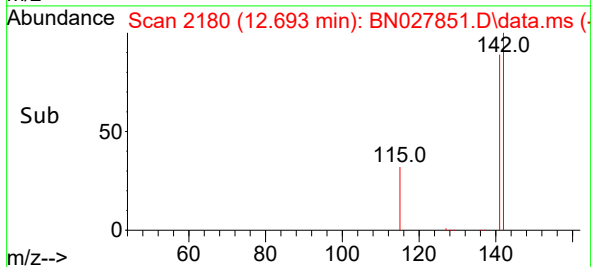
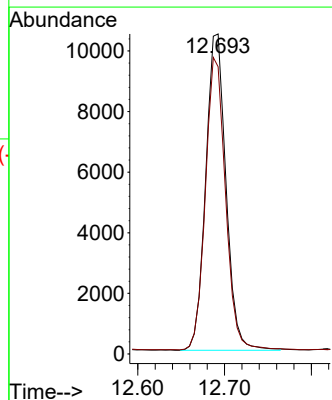
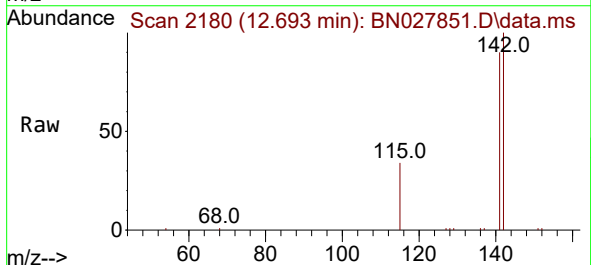
Instrument :
BNA_N
ClientSampleId :
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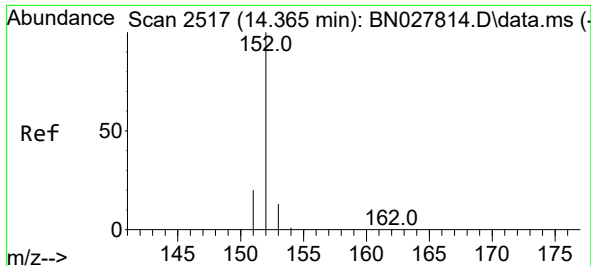
Tgt Ion:142 Resp: 15936
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027851.D
Acq: 23 Sep 2023 07:55

Tgt Ion:142 Resp: 16946
Ion Ratio Lower Upper
142 100
141 91.3 72.8 109.2

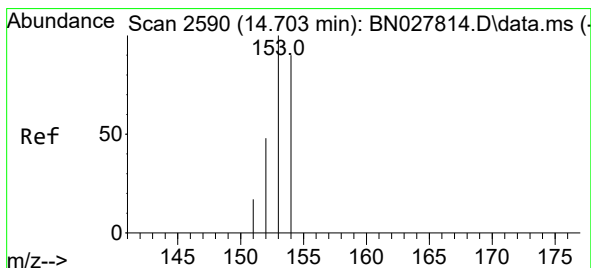
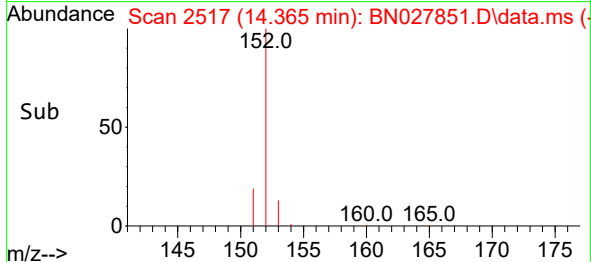
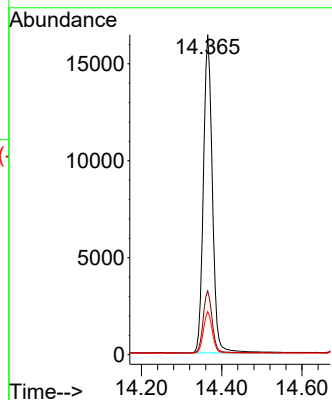
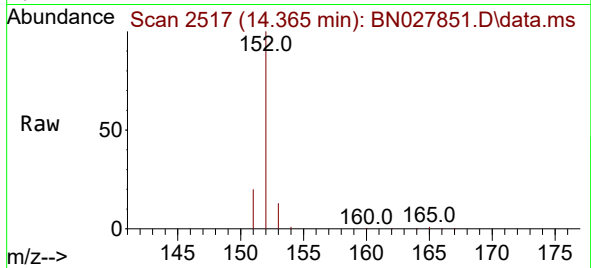




#10
Acenaphthylene
Concen: 0.434 ng/ul
RT: 14.365 min Scan# 2517
Delta R.T. -0.005 min
Lab File: BN027851.D
Acq: 23 Sep 2023 07:55

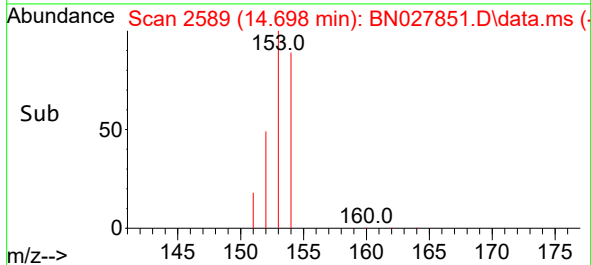
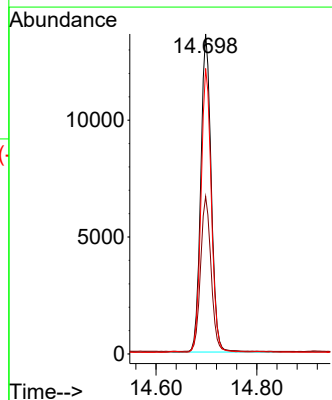
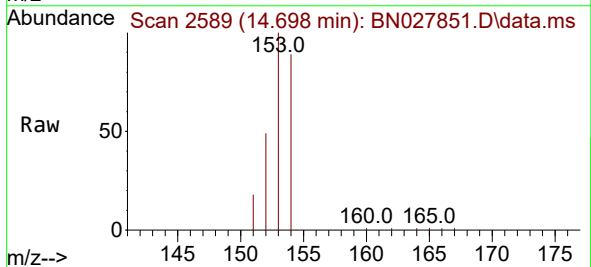
Instrument :
BNA_N
ClientSampleId :
SSTD0.4271

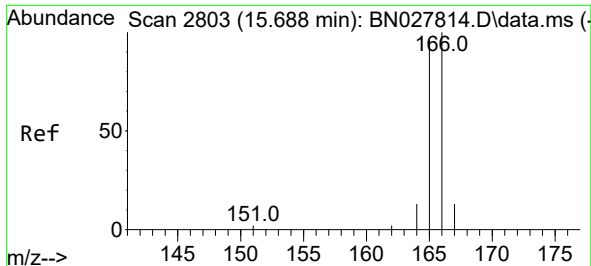
Tgt Ion:	152	Resp:	25564
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.6	25.0
153	13.5	11.0	16.6



#11
Acenaphthene
Concen: 0.383 ng/ul
RT: 14.698 min Scan# 2589
Delta R.T. -0.005 min
Lab File: BN027851.D
Acq: 23 Sep 2023 07:55

Tgt Ion:	153	Resp:	19547
Ion Ratio	Lower	Upper	
153	100		
152	49.2	41.7	62.5
154	89.2	70.3	105.5

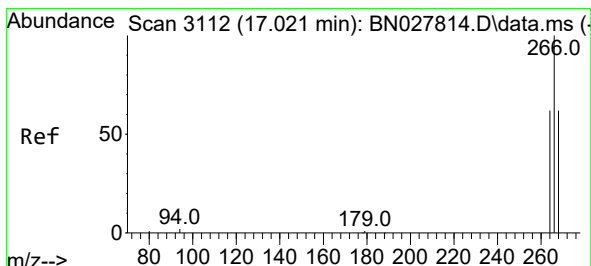
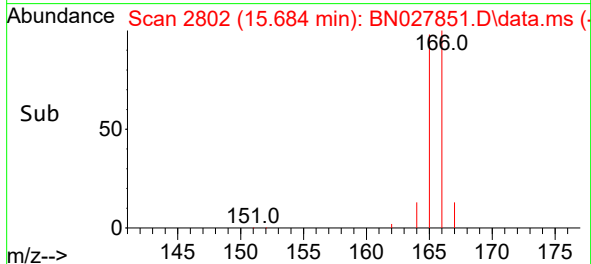
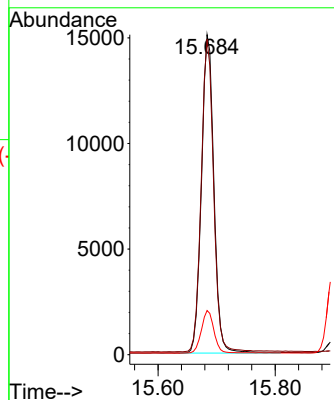
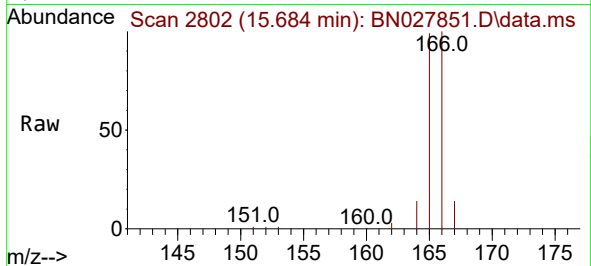




#12
 Fluorene
 Concen: 0.373 ng/ul
 RT: 15.684 min Scan# 2803
 Delta R.T. -0.005 min
 Lab File: BN027851.D
 Acq: 23 Sep 2023 07:55

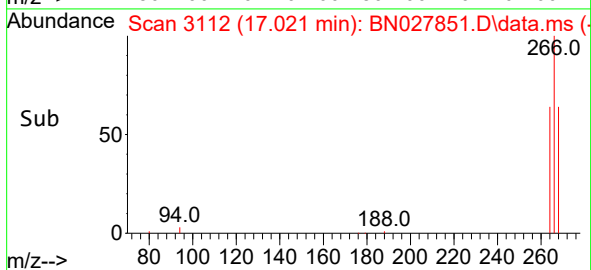
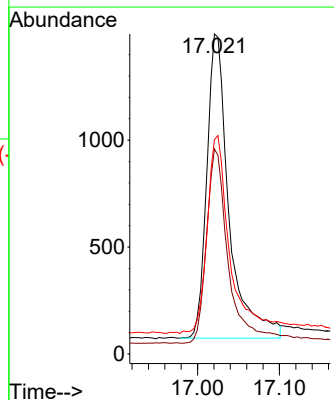
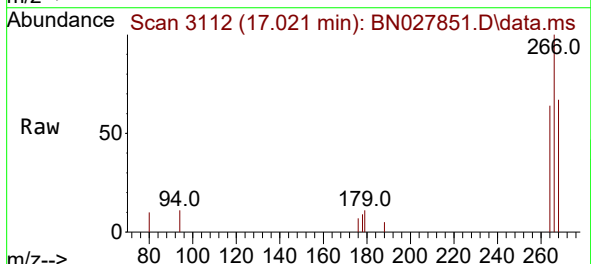
Instrument :
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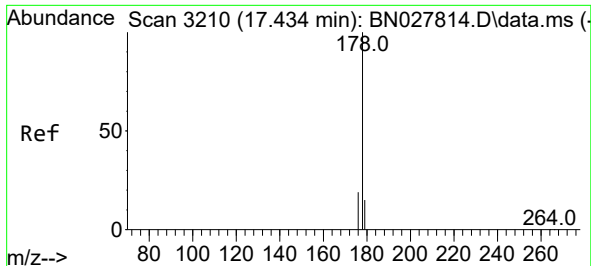
Tgt Ion:166 Resp: 22340
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.0 117.0
 167 13.8 11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.388 ng/ul
 RT: 17.021 min Scan# 3112
 Delta R.T. 0.000 min
 Lab File: BN027851.D
 Acq: 23 Sep 2023 07:55

Tgt Ion:266 Resp: 2685
 Ion Ratio Lower Upper
 266 100
 264 62.8 49.6 74.4
 268 66.9 50.7 76.1

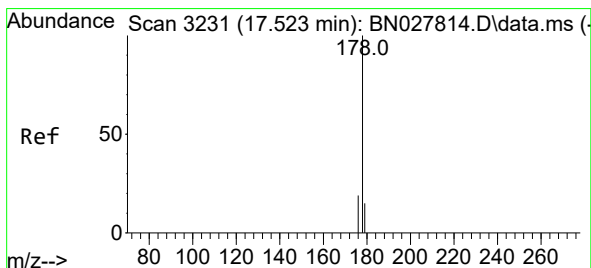
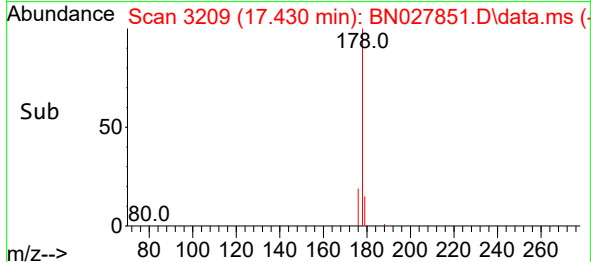
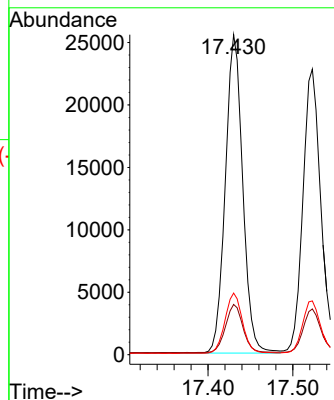
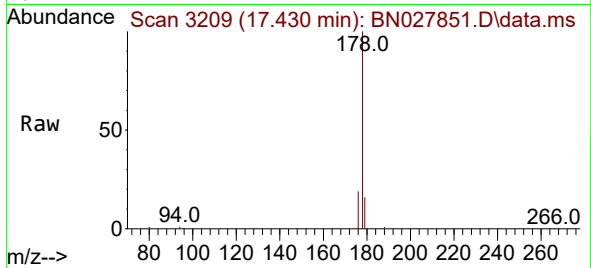




#15
Phenanthrene
Concen: 0.391 ng/ul
RT: 17.430 min Scan# 3210
Delta R.T. -0.004 min
Lab File: BN027851.D
Acq: 23 Sep 2023 07:55

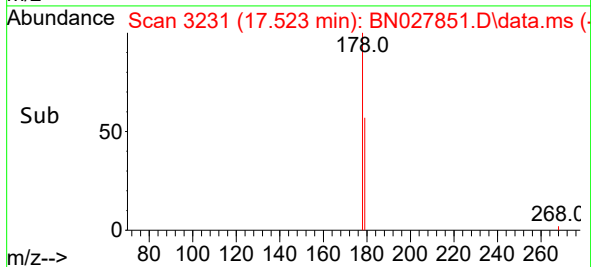
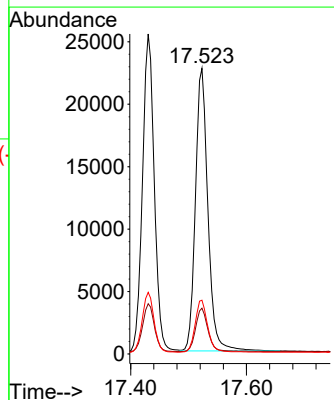
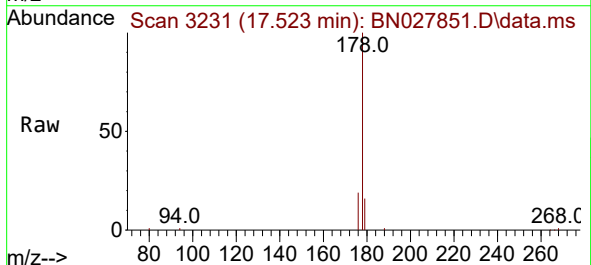
Instrument :
BNA_N
ClientSampleId :
SSTD0.4271

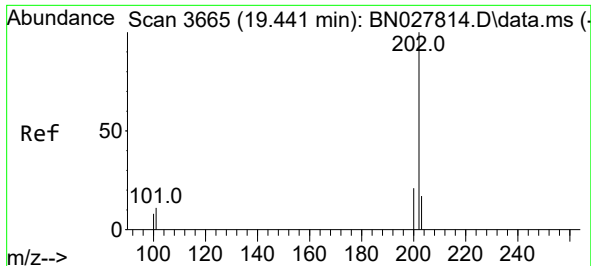
Tgt Ion:178 Resp: 36303
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.2 16.0 24.0



#16
Anthracene
Concen: 0.434 ng/ul
RT: 17.523 min Scan# 3231
Delta R.T. -0.004 min
Lab File: BN027851.D
Acq: 23 Sep 2023 07:55

Tgt Ion:178 Resp: 33807
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 18.8 15.5 23.3

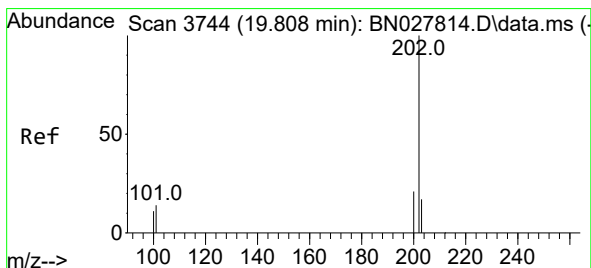
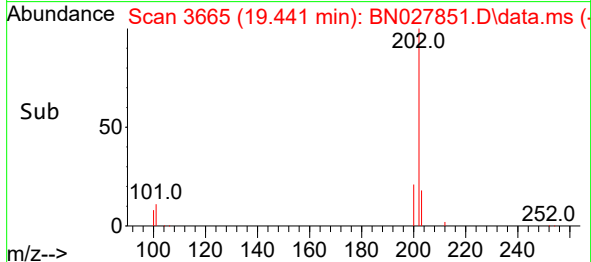
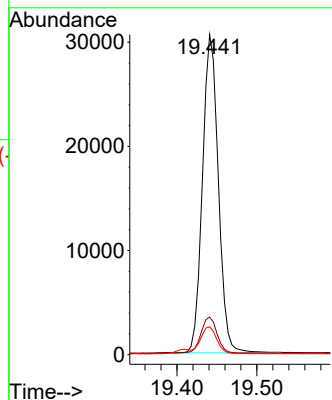
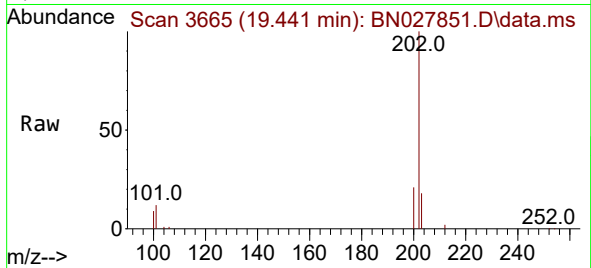




#19
Fluoranthene
Concen: 0.444 ng/ul
RT: 19.441 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN027851.D
Acq: 23 Sep 2023 07:55

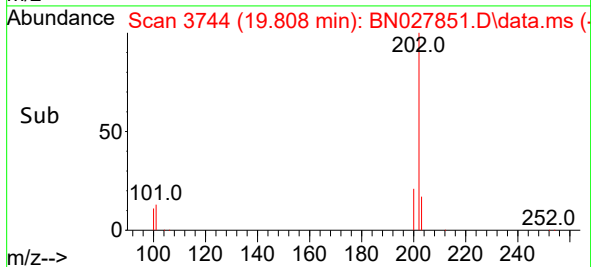
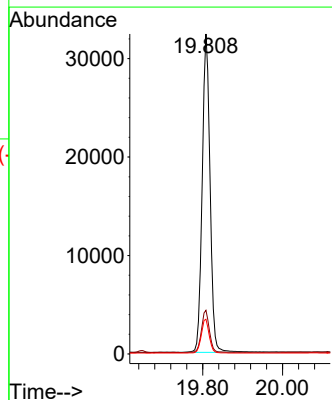
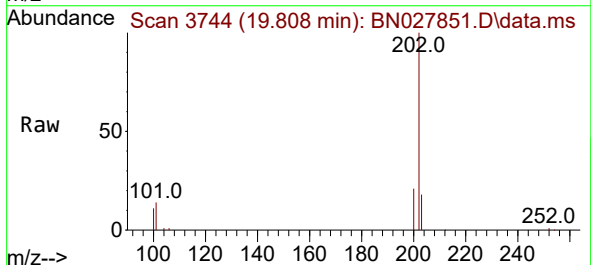
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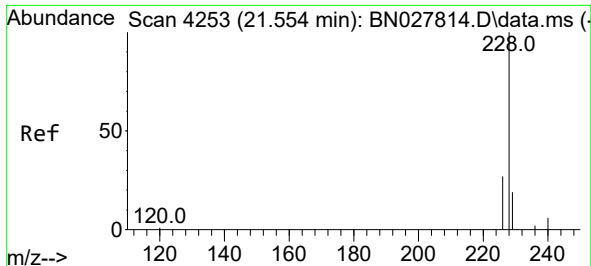
Tgt Ion:202 Resp: 42387
Ion Ratio Lower Upper
202 100
101 11.8 9.3 13.9
100 8.7 7.0 10.4



#20
Pyrene
Concen: 0.449 ng/ul
RT: 19.808 min Scan# 3744
Delta R.T. -0.005 min
Lab File: BN027851.D
Acq: 23 Sep 2023 07:55

Tgt Ion:202 Resp: 44166
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 10.9 9.1 13.7

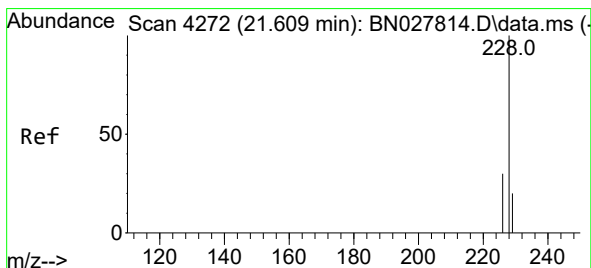
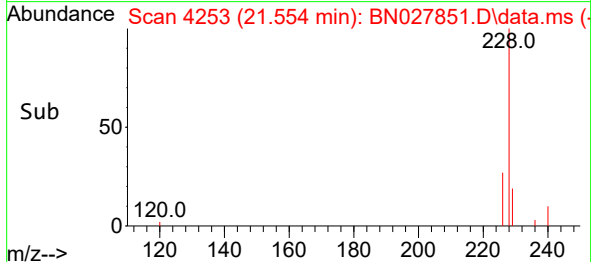
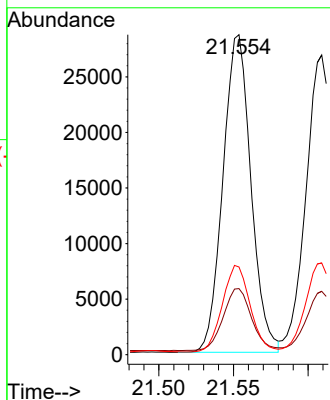
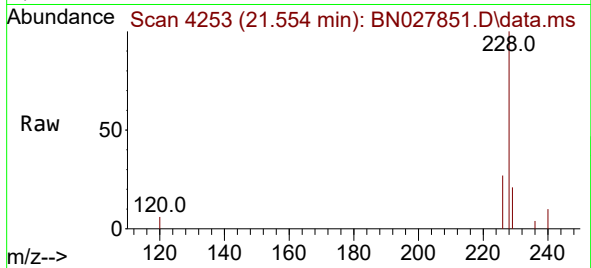




#21
Benzo(a)anthracene
Concen: 0.409 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. 0.000 min
Lab File: BN027851.D
Acq: 23 Sep 2023 07:55

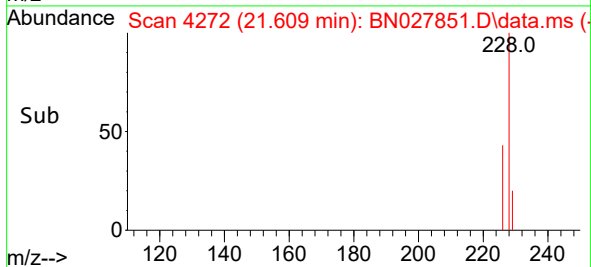
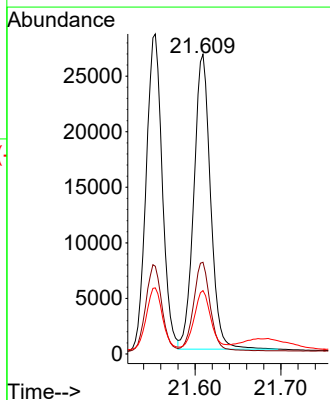
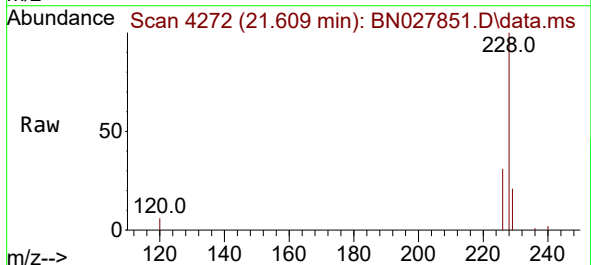
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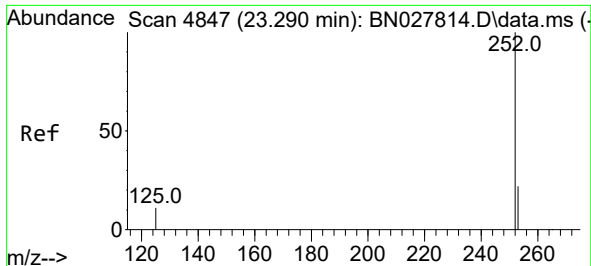
Tgt Ion:228 Resp: 37354
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.8
226 27.4 22.0 33.0



#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.609 min Scan# 4272
Delta R.T. 0.000 min
Lab File: BN027851.D
Acq: 23 Sep 2023 07:55

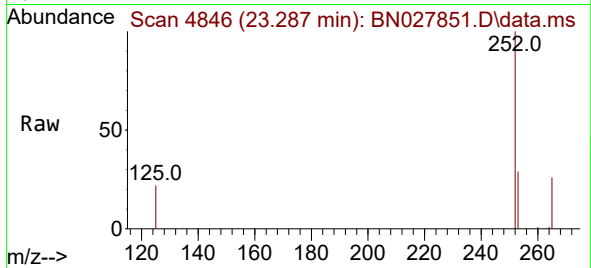
Tgt Ion:228 Resp: 35771
Ion Ratio Lower Upper
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226 30.6 24.5 36.7
229 21.1 16.0 24.0



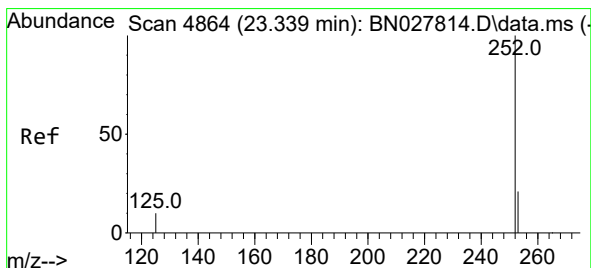
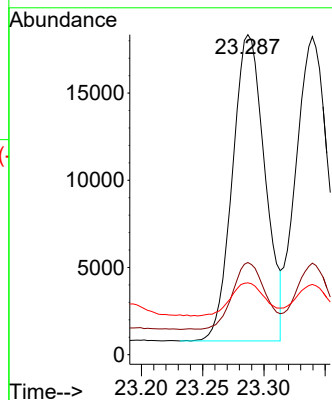


#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 23.287 min Scan# 4847
Delta R.T. -0.003 min
Lab File: BN027851.D
Acq: 23 Sep 2023 07:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.4271

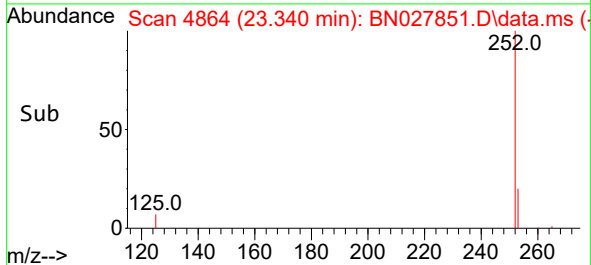
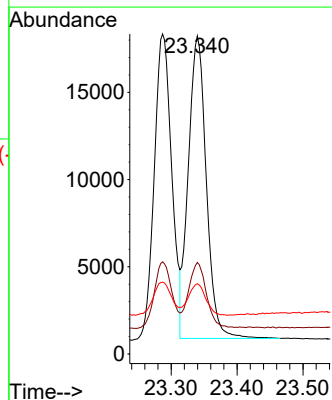
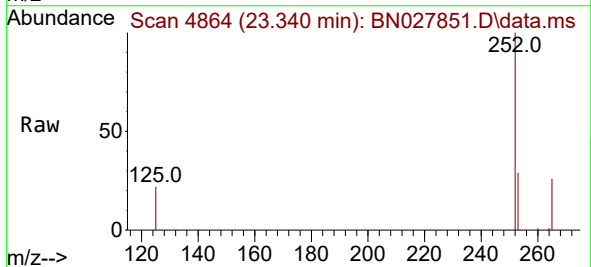


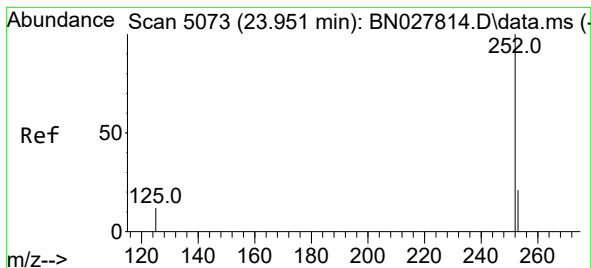
Tgt Ion:252 Resp: 32447
Ion Ratio Lower Upper
252 100
253 28.8 0.0 50.2
125 22.4 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.353 ng/ul
RT: 23.340 min Scan# 4864
Delta R.T. -0.003 min
Lab File: BN027851.D
Acq: 23 Sep 2023 07:55

Tgt Ion:252 Resp: 32873
Ion Ratio Lower Upper
252 100
253 28.8 19.9 29.9
125 22.1 12.6 19.0#





#26

Benzo(a)pyrene

Concen: 0.364 ng/ul

RT: 23.951 min Scan# 5073

Delta R.T. 0.000 min

Lab File: BN027851.D

Acq: 23 Sep 2023 07:55

Instrument :

BNA_N

ClientSampleId :

SSTD0.4271

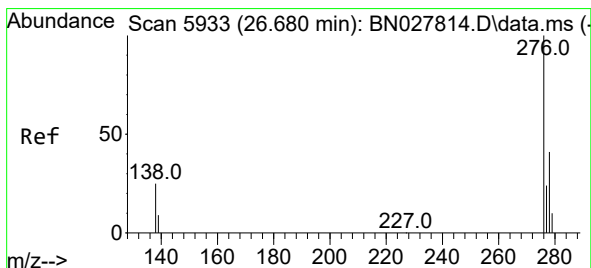
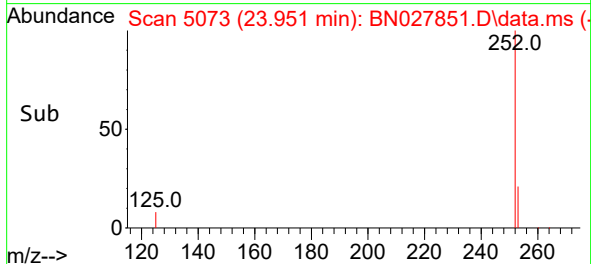
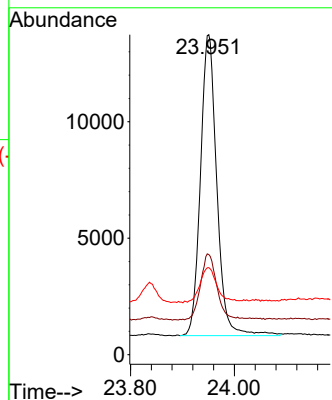
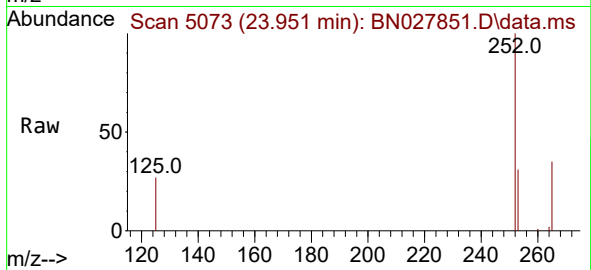
Tgt Ion:252 Resp: 28144

Ion Ratio Lower Upper

252 100

253 31.3 21.9 32.9

125 27.2 15.5 23.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.347 ng/ul

RT: 26.686 min Scan# 5935

Delta R.T. 0.003 min

Lab File: BN027851.D

Acq: 23 Sep 2023 07:55

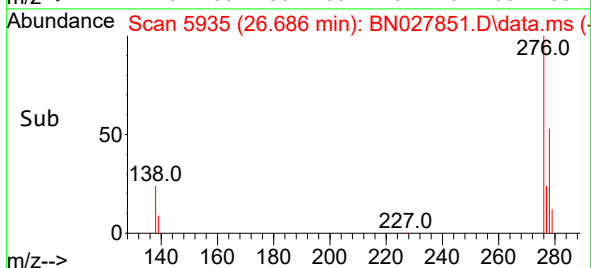
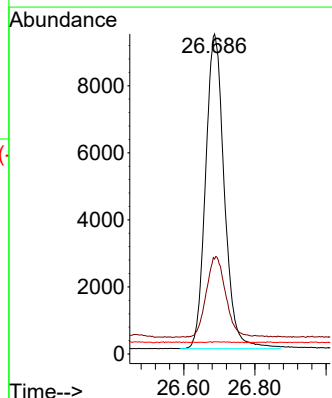
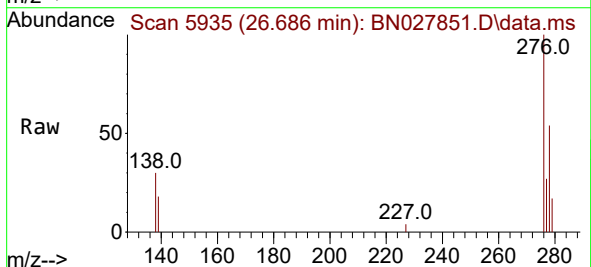
Tgt Ion:276 Resp: 34341

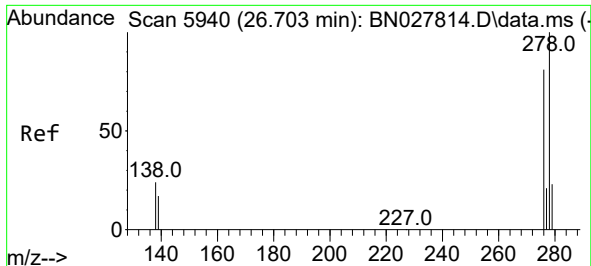
Ion Ratio Lower Upper

276 100

138 26.5 24.3 36.5

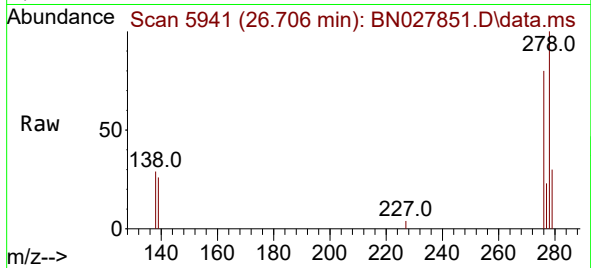
227 0.1 0.0 0.0#



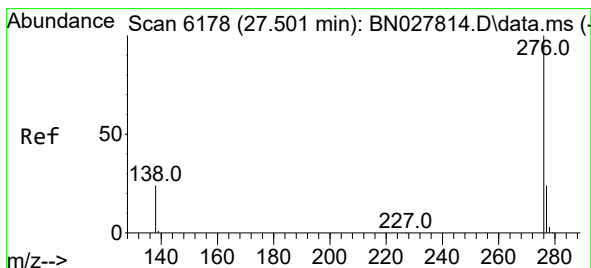
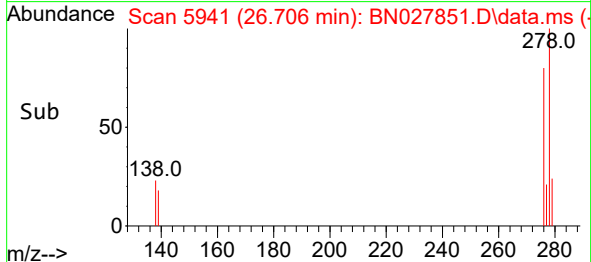
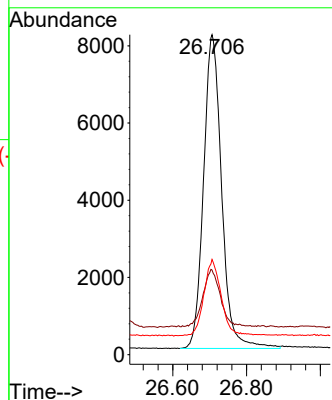


#28
Dibenzo(a,h)anthracene
Concen: 0.346 ng/ul
RT: 26.706 min Scan# 5941
Delta R.T. 0.000 min
Lab File: BN027851.D
Acq: 23 Sep 2023 07:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.4271



Tgt Ion:278 Resp: 27612
Ion Ratio Lower Upper
278 100
139 26.4 17.2 25.8#
279 29.7 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.334 ng/ul
RT: 27.508 min Scan# 6180
Delta R.T. 0.003 min
Lab File: BN027851.D
Acq: 23 Sep 2023 07:55

Tgt Ion:276 Resp: 28117
Ion Ratio Lower Upper
276 100
138 28.8 21.7 32.5
277 26.5 20.2 30.2

