

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027048.D
 Acq On : 23 Aug 2023 04:41
 Operator : MA/JU
 Sample : PB154877BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS877

Quant Time: Aug 23 05:21:28 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

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

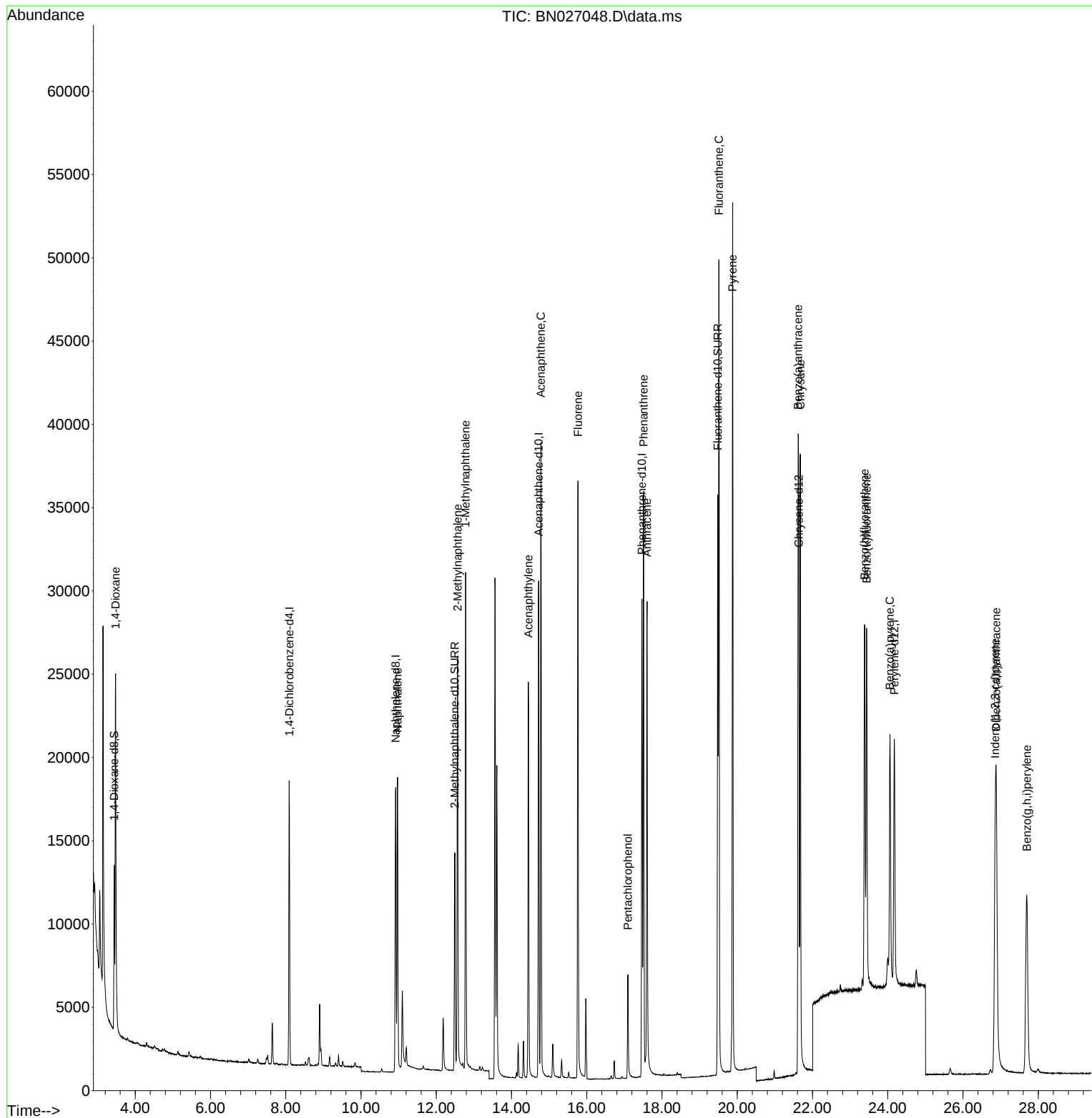
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	8556	0.400	ng/ul	0.00
4) Naphthalene-d8	10.922	136	24868	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.721	164	16667	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.468	188	35122	0.400	ng/ul	0.00
17) Chrysene-d12	21.638	240	24120	0.400	ng/ul	0.00
23) Perylene-d12	24.176	264	22345	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	7406	0.729	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.494	152	18397	0.503	ng/ul	0.00
18) Fluoranthene-d10	19.483	212	39337	0.516	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.477	88	16226	1.565	ng/ul#	92
5) Naphthalene	10.971	128	24900	0.354	ng/ul	99
7) 2-Methylnaphthalene	12.566	142	18492	0.434	ng/ul	99
8) 1-Methylnaphthalene	12.780	142	20683	0.464	ng/ul	100
10) Acenaphthylene	14.448	152	28363	0.304	ng/ul	100
11) Acenaphthene	14.781	153	21941	0.340	ng/ul	99
12) Fluorene	15.767	166	24205	0.331	ng/ul	99
14) Pentachlorophenol	17.092	266	4559	0.459	ng/ul	100
15) Phenanthrene	17.510	178	38961	0.338	ng/ul	100
16) Anthracene	17.603	178	33716	0.323	ng/ul	100
19) Fluoranthene	19.515	202	43417	0.433	ng/ul	99
20) Pyrene	19.878	202	44107	0.413	ng/ul	99
21) Benzo(a)anthracene	21.618	228	33927	0.354	ng/ul	99
22) Chrysene	21.676	228	34360	0.363	ng/ul	99
24) Benzo(b)fluoranthene	23.383	252	32588	0.386	ng/ul	95
25) Benzo(k)fluoranthene	23.439	252	32304	0.388	ng/ul#	94
26) Benzo(a)pyrene	24.059	252	27020	0.354	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.857	276	33838	0.339	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.884	278	26524	0.334	ng/ul	99
29) Benzo(g,h,i)perylene	27.696	276	29156	0.351	ng/ul	99

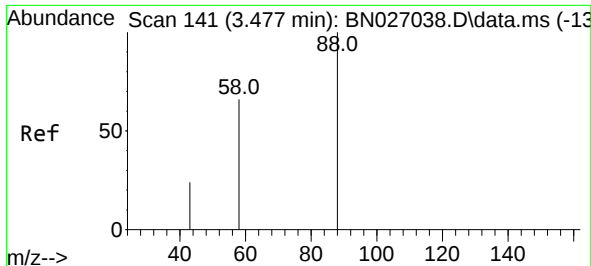
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027048.D
Acq On : 23 Aug 2023 04:41
Operator : MA/JU
Sample : PB154877BS
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS877

Quant Time: Aug 23 05:21:28 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 23 02:28:27 2023
Response via : Initial Calibration

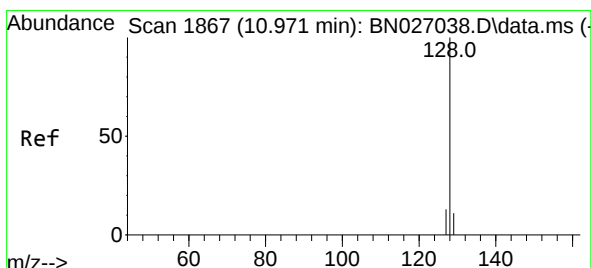
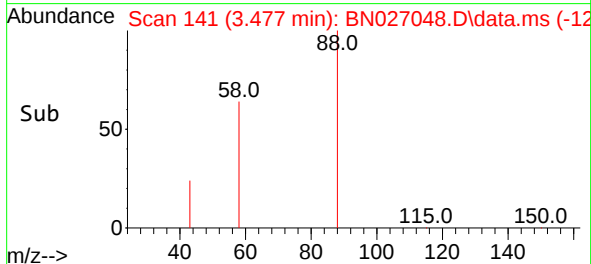
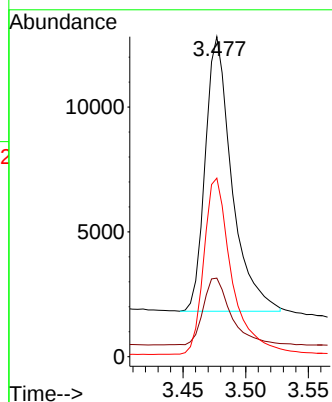
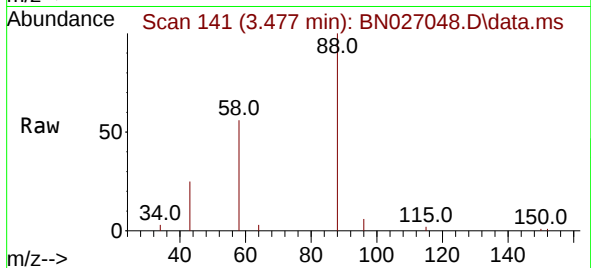




#2
1,4-Dioxane
Concen: 1.565 ng/ul
RT: 3.477 min Scan# 141
Delta R.T. -0.000 min
Lab File: BN027048.D
Acq: 23 Aug 2023 04:41

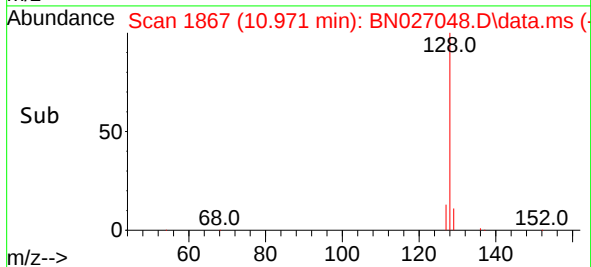
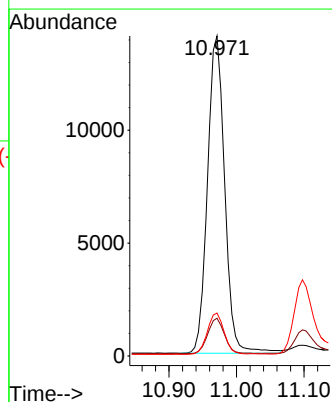
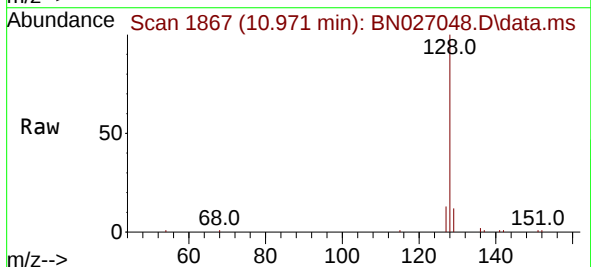
Instrument :
BNA_N
ClientSampleId :
SLCS877

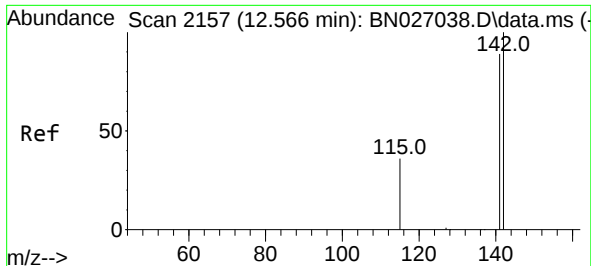
Tgt Ion: 88 Resp: 16226
Ion Ratio Lower Upper
88 100
43 24.5 28.0 42.0#
58 55.8 46.0 69.0



#5
Naphthalene
Concen: 0.354 ng/ul
RT: 10.971 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BN027048.D
Acq: 23 Aug 2023 04:41

Tgt Ion: 128 Resp: 24900
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.4 10.5 15.7

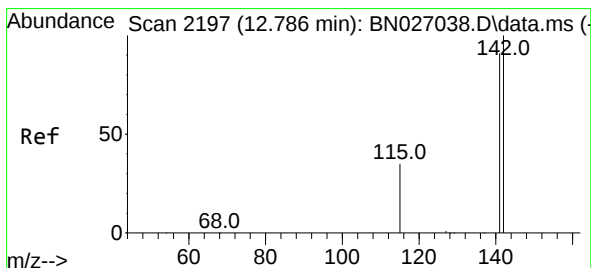
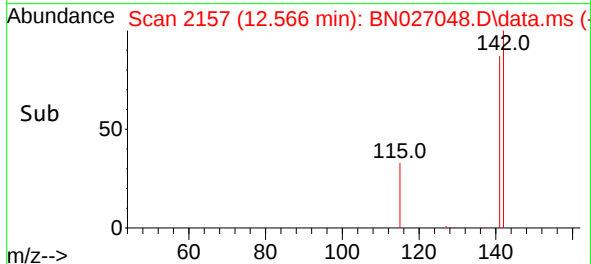
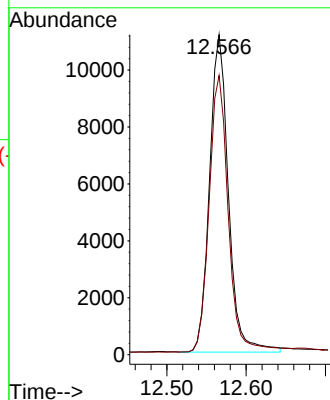
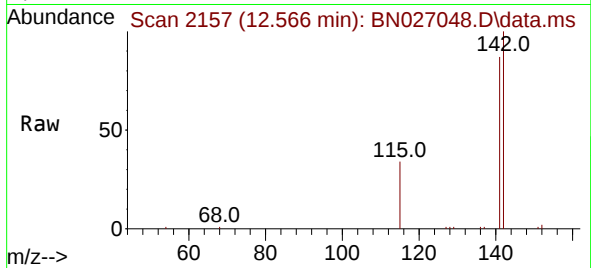




#7
2-Methylnaphthalene
Concen: 0.434 ng/ul
RT: 12.566 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BN027048.D
Acq: 23 Aug 2023 04:41

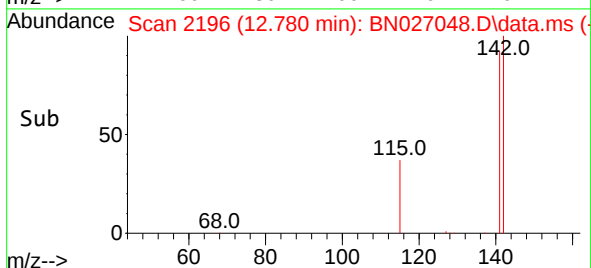
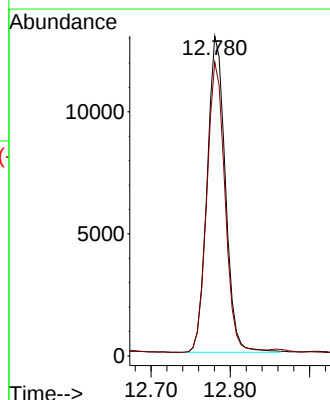
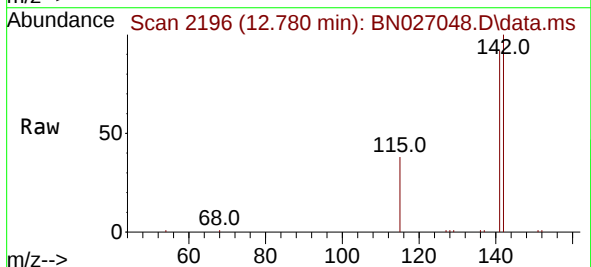
Instrument :
BNA_N
ClientSampleId :
SLCS877

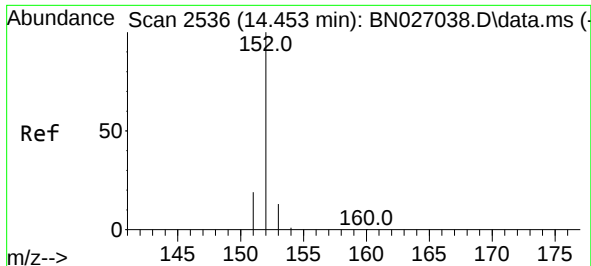
Tgt Ion:142 Resp: 18492
Ion Ratio Lower Upper
142 100
141 88.1 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.464 ng/ul
RT: 12.780 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BN027048.D
Acq: 23 Aug 2023 04:41

Tgt Ion:142 Resp: 20683
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8

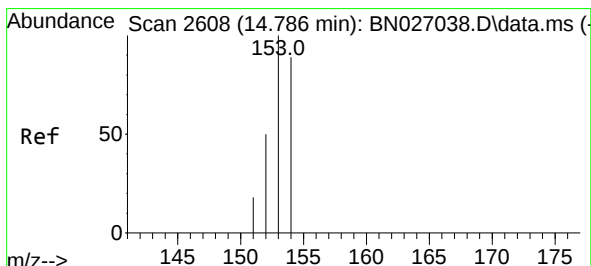
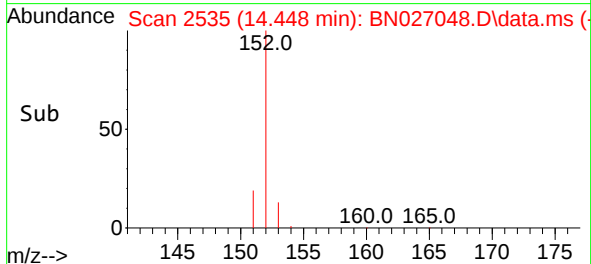
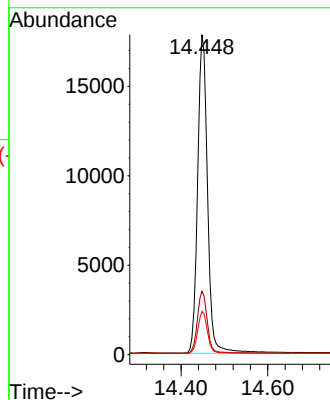
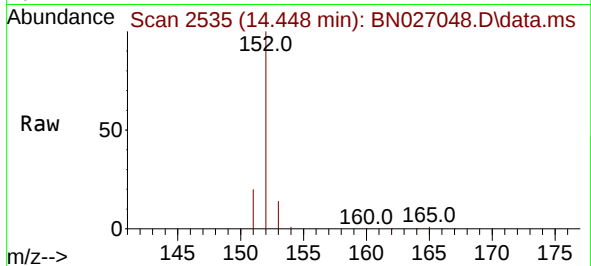




#10
Acenaphthylene
Concen: 0.304 ng/ul
RT: 14.448 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027048.D
Acq: 23 Aug 2023 04:41

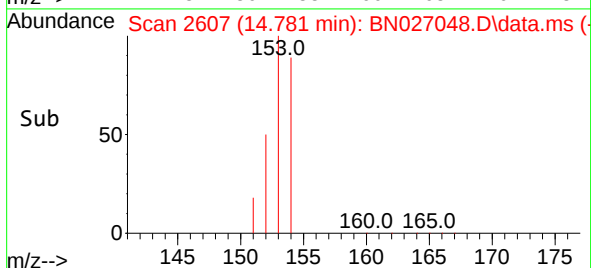
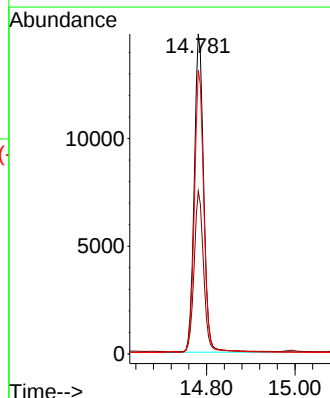
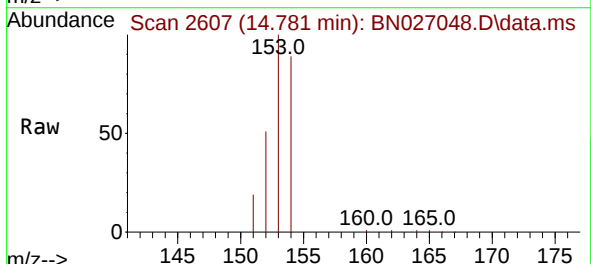
Instrument :
BNA_N
ClientSampleId :
SLCS877

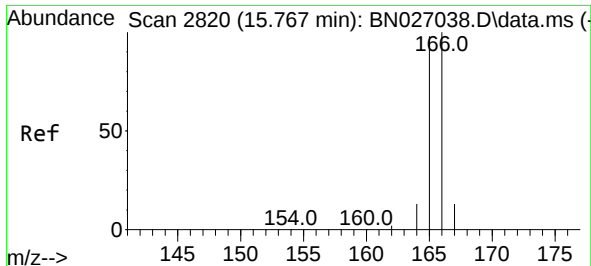
Tgt Ion:152	Resp:	28363
Ion Ratio	Lower	Upper
152	100	
151	19.8	15.9 23.9
153	13.5	11.0 16.6



#11
Acenaphthene
Concen: 0.340 ng/ul
RT: 14.781 min Scan# 2607
Delta R.T. -0.005 min
Lab File: BN027048.D
Acq: 23 Aug 2023 04:41

Tgt Ion:153	Resp:	21941
Ion Ratio	Lower	Upper
153	100	
152	50.9	41.1 61.7
154	88.6	71.6 107.4

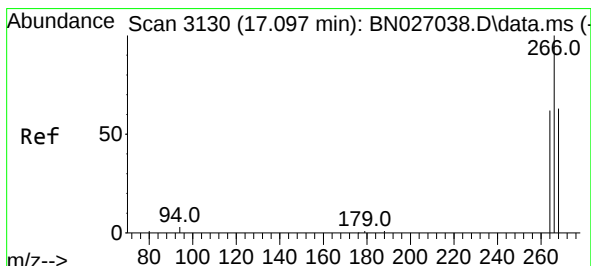
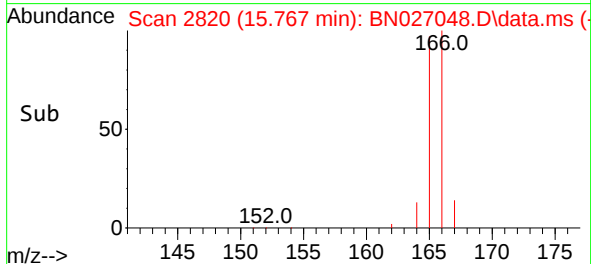
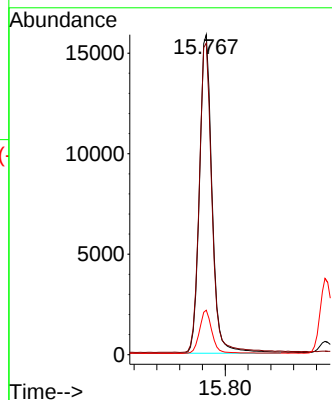
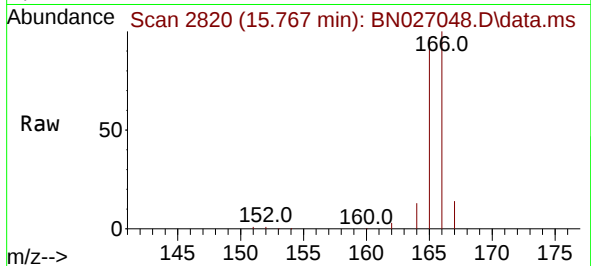




#12
Fluorene
Concen: 0.331 ng/ul
RT: 15.767 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027048.D
Acq: 23 Aug 2023 04:41

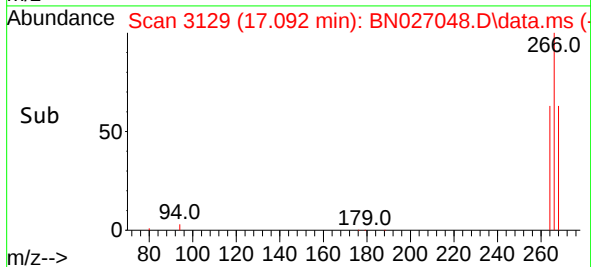
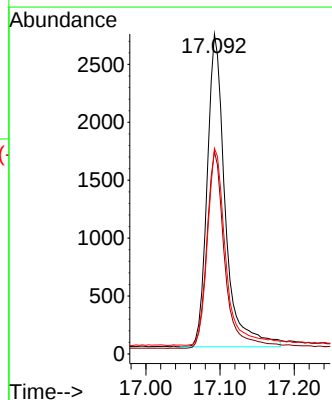
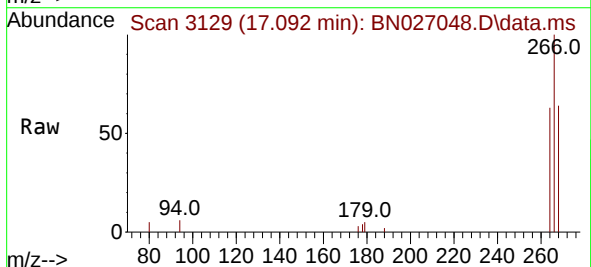
Instrument :
BNA_N
ClientSampleId :
SLCS877

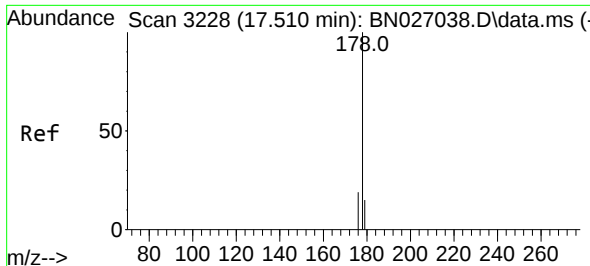
Tgt Ion:166 Resp: 24205
Ion Ratio Lower Upper
166 100
165 97.3 79.1 118.7
167 13.9 11.4 17.0



#14
Pentachlorophenol
Concen: 0.459 ng/ul
RT: 17.092 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BN027048.D
Acq: 23 Aug 2023 04:41

Tgt Ion:266 Resp: 4559
Ion Ratio Lower Upper
266 100
264 62.7 50.4 75.6
268 63.9 51.2 76.8

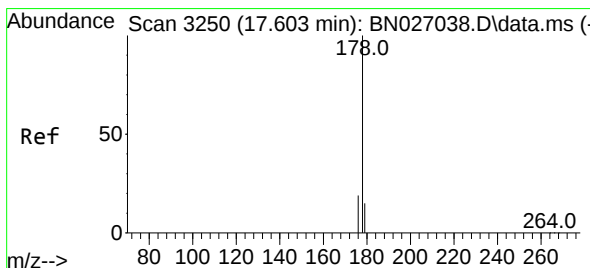
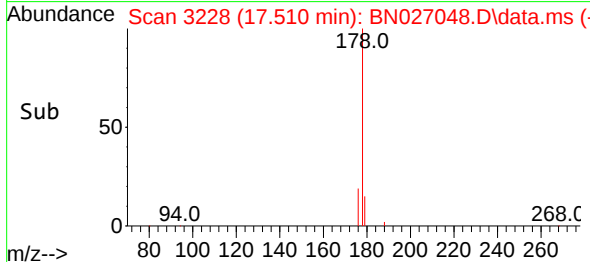
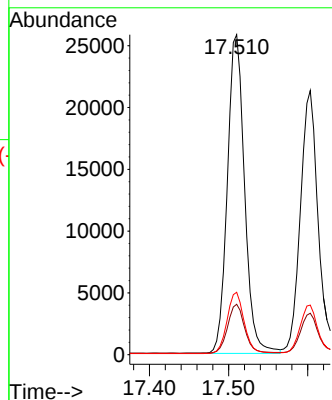
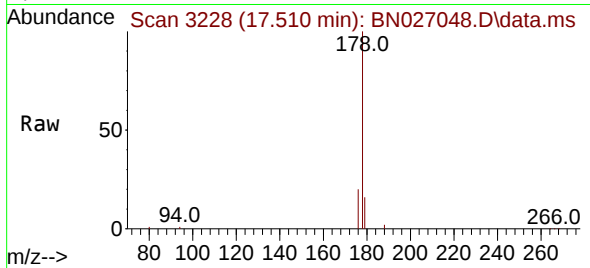




#15
Phenanthrene
Concen: 0.338 ng/ul
RT: 17.510 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027048.D
Acq: 23 Aug 2023 04:41

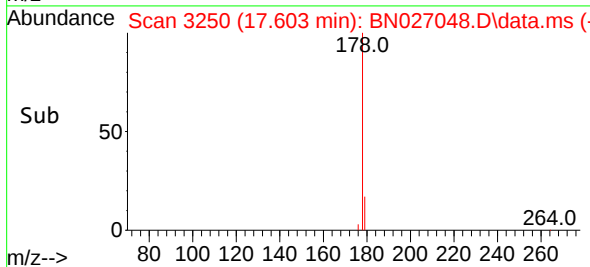
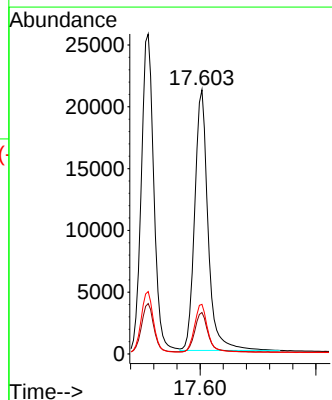
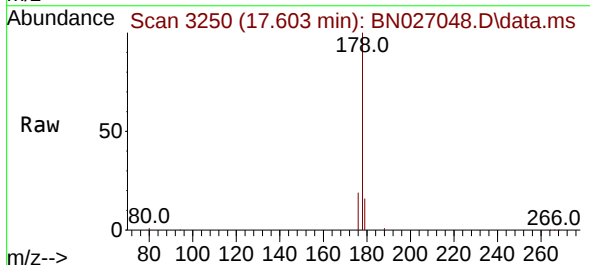
Instrument :
BNA_N
ClientSampleId :
SLCS877

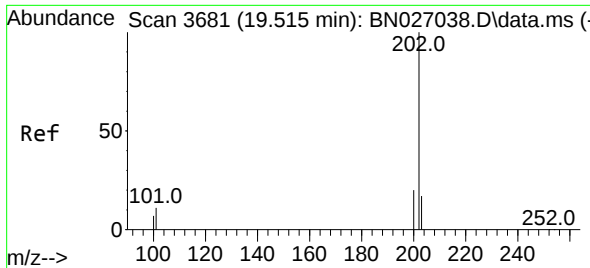
Tgt Ion:178 Resp: 38961
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.5 15.4 23.2



#16
Anthracene
Concen: 0.323 ng/ul
RT: 17.603 min Scan# 3250
Delta R.T. -0.000 min
Lab File: BN027048.D
Acq: 23 Aug 2023 04:41

Tgt Ion:178 Resp: 33716
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 18.8 15.0 22.6

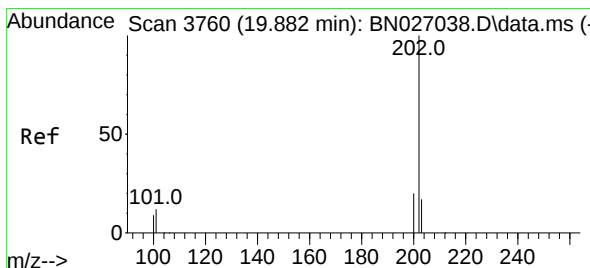
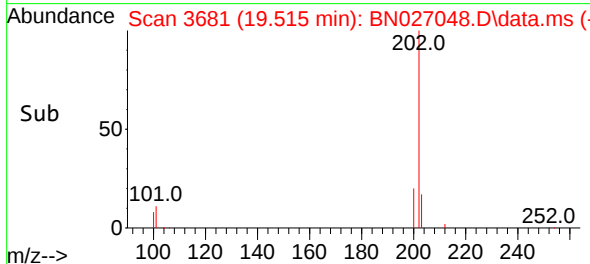
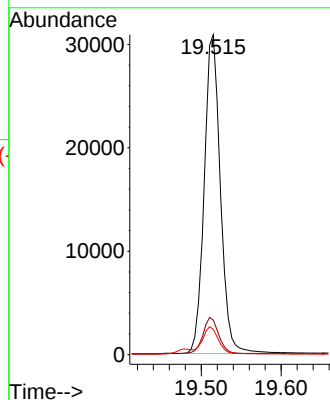
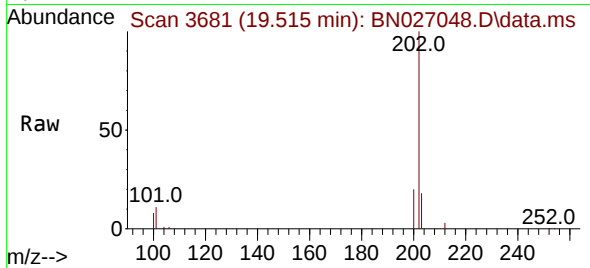




#19
Fluoranthene
Concen: 0.433 ng/ul
RT: 19.515 min Scan# 3075
Delta R.T. -0.000 min
Lab File: BN027048.D
Acq: 23 Aug 2023 04:41

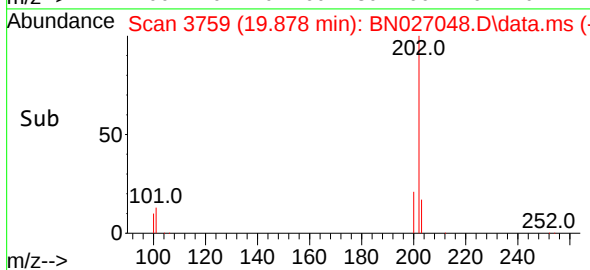
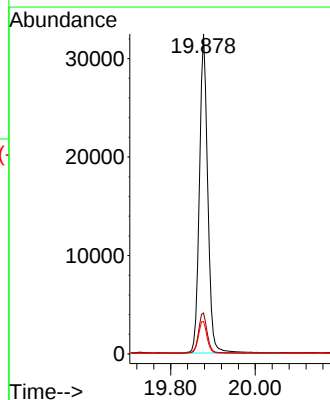
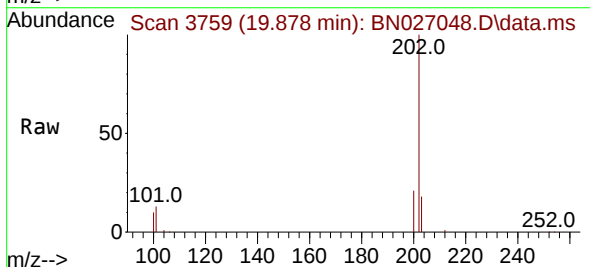
Instrument :
BNA_N
ClientSampleId :
SLCS877

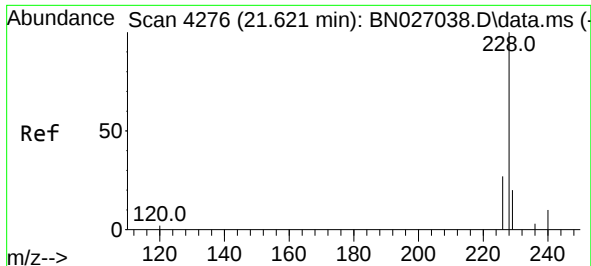
Tgt Ion:202 Resp: 43417
Ion Ratio Lower Upper
202 100
101 10.8 8.3 12.5
100 7.9 6.2 9.2



#20
Pyrene
Concen: 0.413 ng/ul
RT: 19.878 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027048.D
Acq: 23 Aug 2023 04:41

Tgt Ion:202 Resp: 44107
Ion Ratio Lower Upper
202 100
101 12.8 10.7 16.1
100 10.2 8.5 12.7

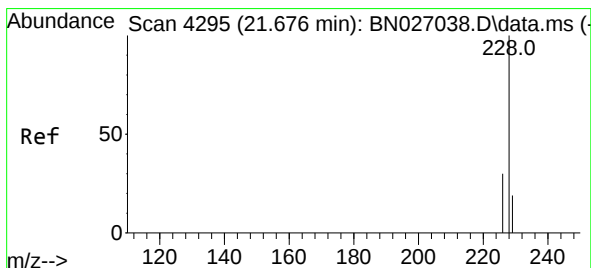
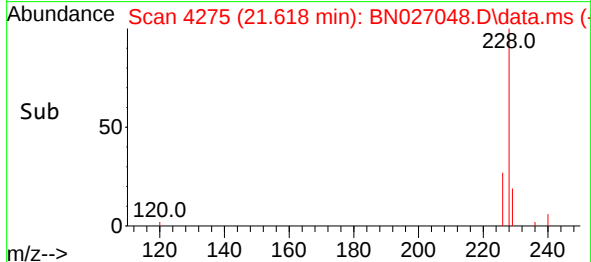
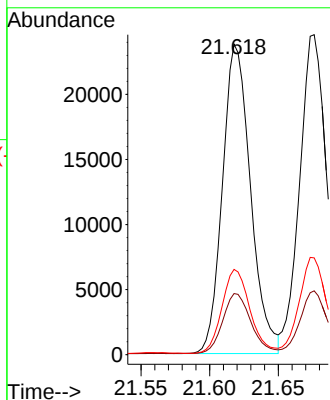
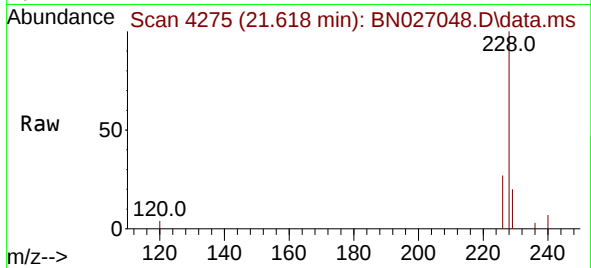




#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.618 min Scan# 4275
Delta R.T. -0.003 min
Lab File: BN027048.D
Acq: 23 Aug 2023 04:41

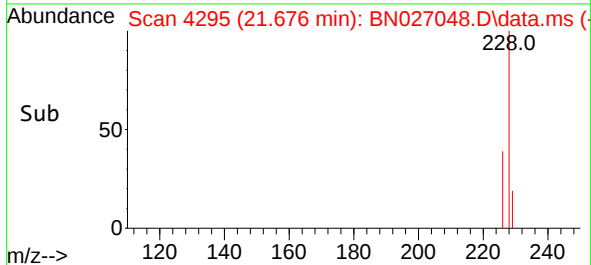
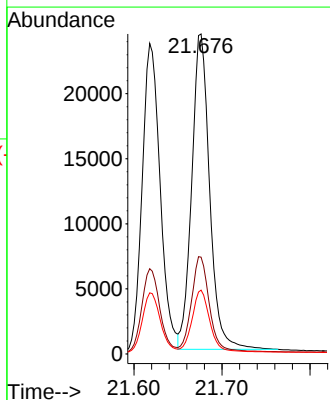
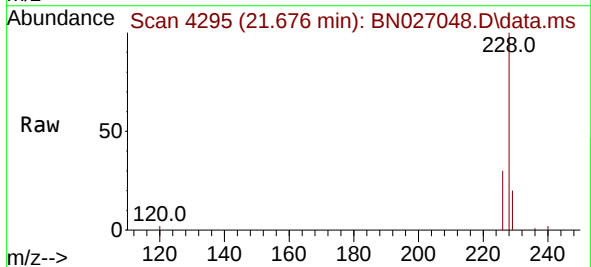
Instrument :
BNA_N
ClientSampleId :
SLCS877

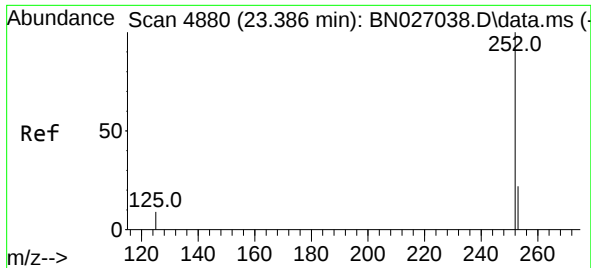
Tgt Ion:228 Resp: 33927
Ion Ratio Lower Upper
228 100
229 19.7 16.0 24.0
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.363 ng/ul
RT: 21.676 min Scan# 4295
Delta R.T. -0.000 min
Lab File: BN027048.D
Acq: 23 Aug 2023 04:41

Tgt Ion:228 Resp: 34360
Ion Ratio Lower Upper
228 100
226 30.3 24.6 36.8
229 19.9 15.8 23.6

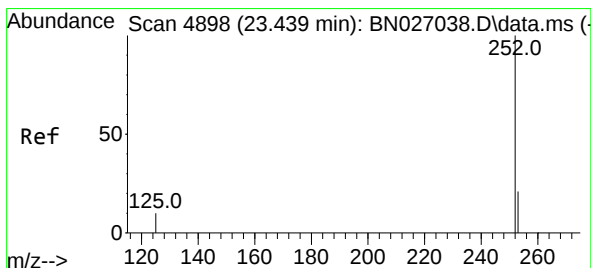
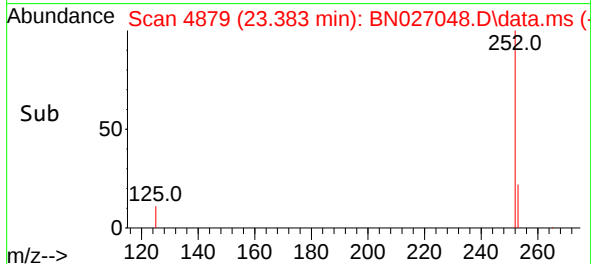
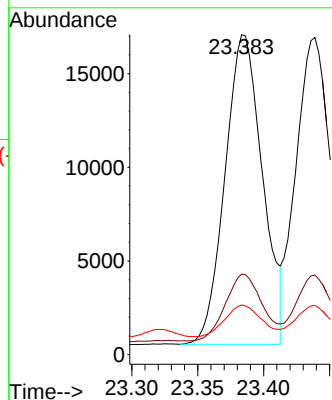
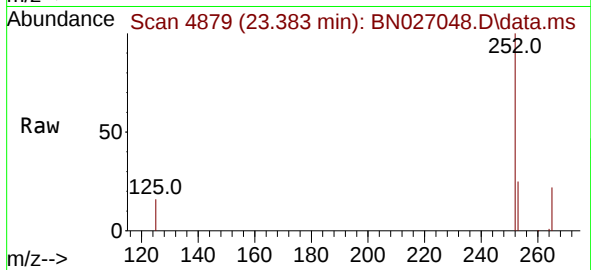




#24
Benzo(b)fluoranthene
Concen: 0.386 ng/ul
RT: 23.383 min Scan# 4879
Delta R.T. -0.003 min
Lab File: BN027048.D
Acq: 23 Aug 2023 04:41

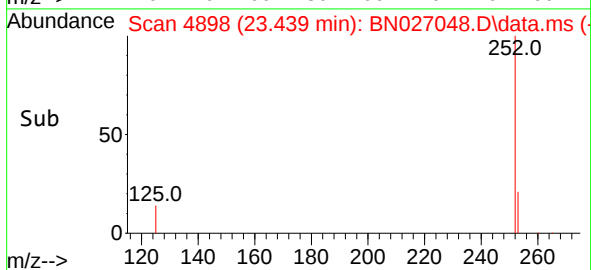
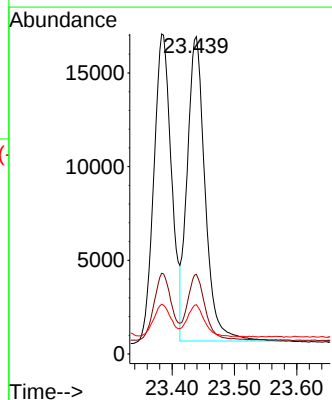
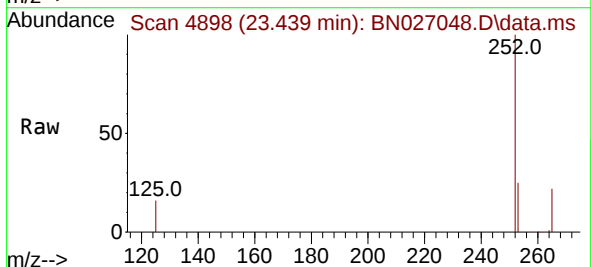
Instrument :
BNA_N
ClientSampleId :
SLCS877

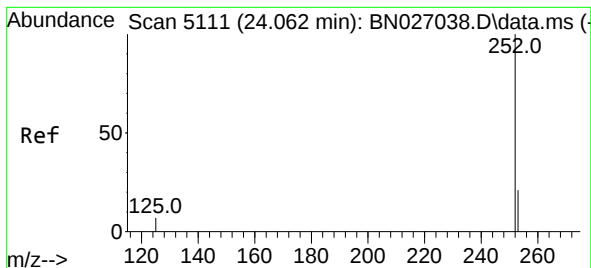
Tgt Ion:252 Resp: 32588
Ion Ratio Lower Upper
252 100
253 25.2 0.0 46.8
125 15.6 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 23.439 min Scan# 4898
Delta R.T. -0.000 min
Lab File: BN027048.D
Acq: 23 Aug 2023 04:41

Tgt Ion:252 Resp: 32304
Ion Ratio Lower Upper
252 100
253 25.1 18.2 27.4
125 15.5 9.9 14.9#





#26

Benzo(a)pyrene

Concen: 0.354 ng/ul

RT: 24.059 min Scan# 5111

Delta R.T. -0.003 min

Lab File: BN027048.D

Acq: 23 Aug 2023 04:41

Instrument :

BNA_N

ClientSampleId :

SLCS877

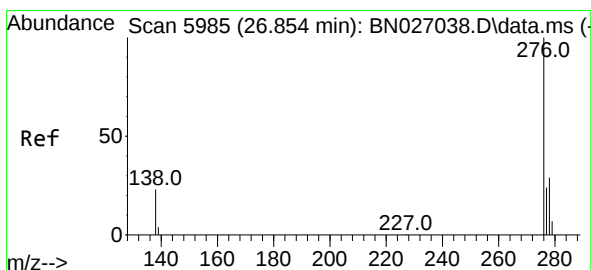
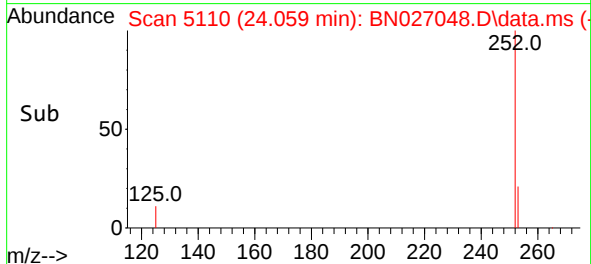
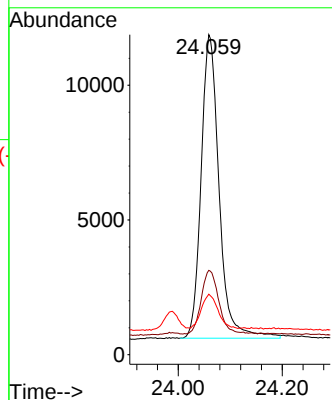
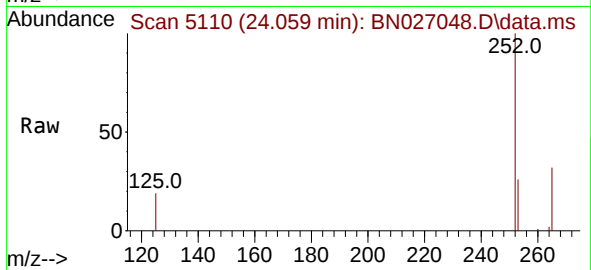
Tgt Ion:252 Resp: 27020

Ion Ratio Lower Upper

252 100

253 26.3 19.0 28.6

125 18.9 11.4 17.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.339 ng/ul

RT: 26.857 min Scan# 5986

Delta R.T. 0.003 min

Lab File: BN027048.D

Acq: 23 Aug 2023 04:41

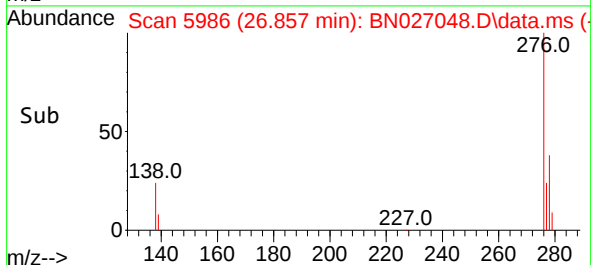
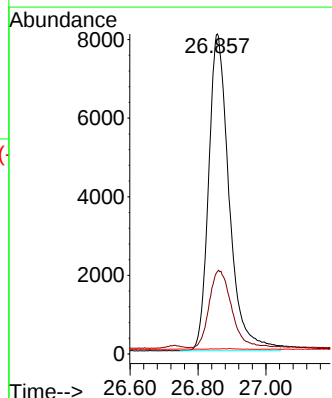
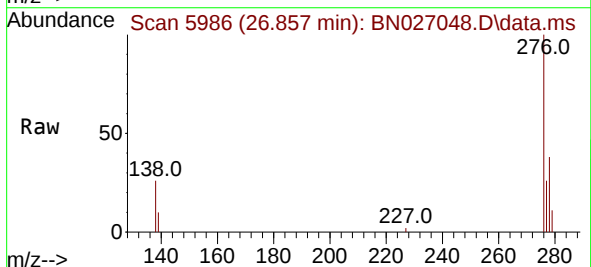
Tgt Ion:276 Resp: 33838

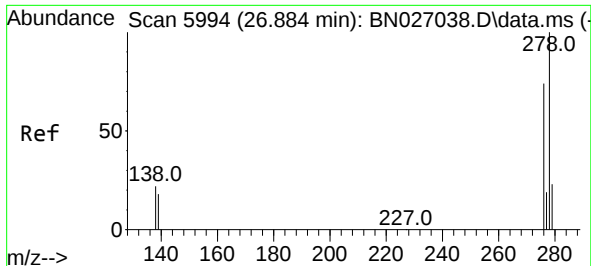
Ion Ratio Lower Upper

276 100

138 26.5 21.6 32.4

227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.334 ng/ul

RT: 26.884 min Scan# 5994

Delta R.T. -0.000 min

Lab File: BN027048.D

Acq: 23 Aug 2023 04:41

Instrument :

BNA_N

ClientSampleId :

SLCS877

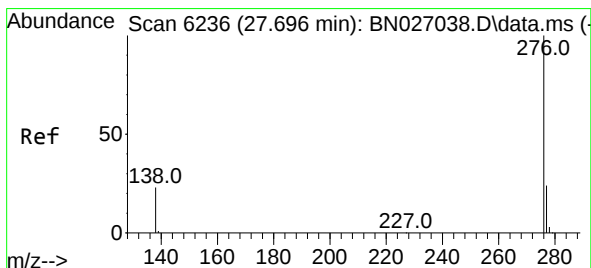
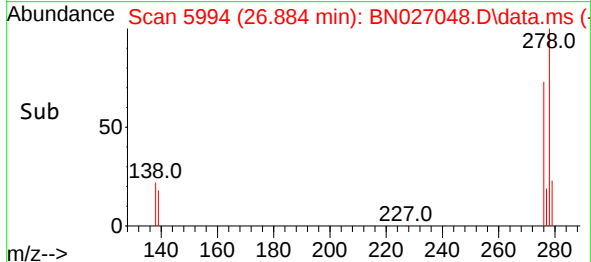
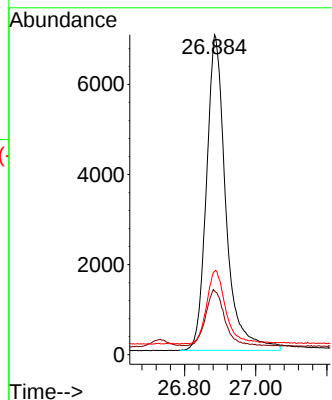
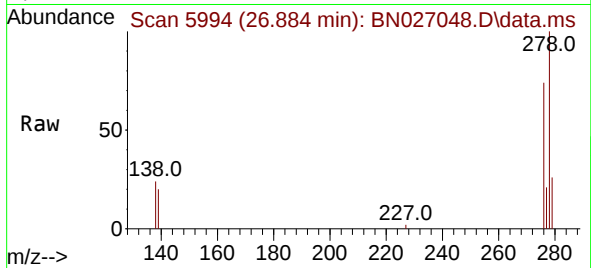
Tgt Ion:278 Resp: 26524

Ion Ratio Lower Upper

278 100

139 19.9 15.7 23.5

279 26.0 20.2 30.4



#29

Benzo(g,h,i)perylene

Concen: 0.351 ng/ul

RT: 27.696 min Scan# 6236

Delta R.T. -0.000 min

Lab File: BN027048.D

Acq: 23 Aug 2023 04:41

Tgt Ion:276 Resp: 29156

Ion Ratio Lower Upper

276 100

138 25.2 19.3 28.9

277 24.8 19.8 29.8

