

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027431.D
 Acq On : 07 Sep 2023 06:44
 Operator : MA/JU
 Sample : PB155235BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS235

Quant Time: Sep 08 01:54:59 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 02 06:16:48 2023
 Response via : Initial Calibration

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

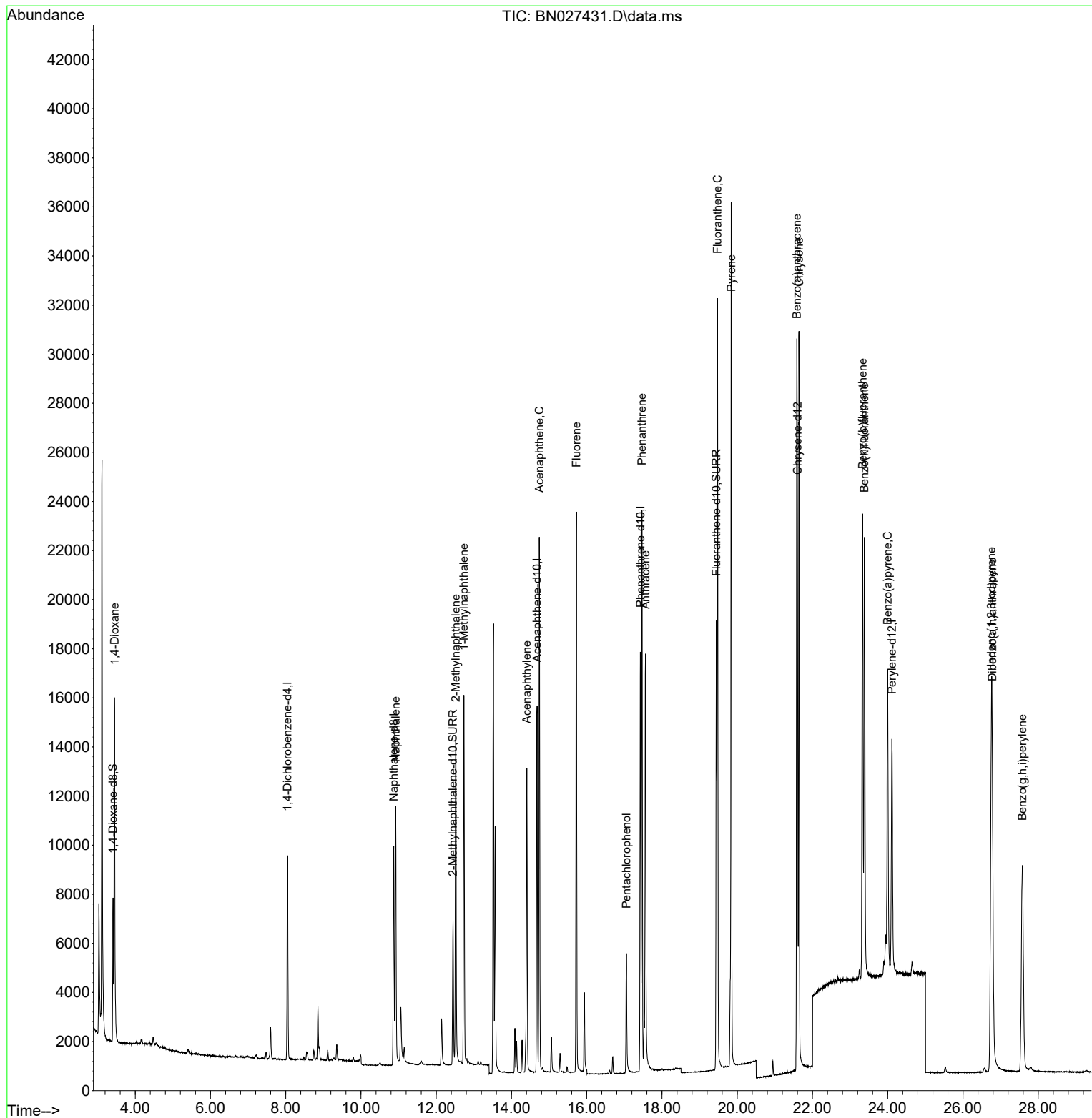
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	4294	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.872	136	13364	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.680	164	8468	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	20235	0.400	ng/ul	-0.01
17) Chrysene-d12	21.600	240	16695	0.400	ng/ul	0.00
23) Perylene-d12	24.111	264	14939	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	4041	0.707	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	8165	0.403	ng/ul	-0.01
18) Fluoranthene-d10	19.445	212	20318	0.355	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	10544	1.824	ng/ul#	86
5) Naphthalene	10.922	128	15156	0.391	ng/ul	100
7) 2-Methylnaphthalene	12.522	142	10066	0.415	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	10590	0.410	ng/ul	100
10) Acenaphthylene	14.407	152	14312	0.369	ng/ul	100
11) Acenaphthene	14.740	153	12260	0.368	ng/ul	98
12) Fluorene	15.725	166	14341	0.384	ng/ul	99
14) Pentachlorophenol	17.054	266	3482	0.883	ng/ul	99
15) Phenanthrene	17.468	178	24521	0.372	ng/ul	100
16) Anthracene	17.561	178	20189	0.385	ng/ul	100
19) Fluoranthene	19.473	202	27859	0.363	ng/ul	99
20) Pyrene	19.841	202	28583	0.366	ng/ul	98
21) Benzo(a)anthracene	21.583	228	25098	0.417	ng/ul	100
22) Chrysene	21.641	228	26802	0.382	ng/ul	100
24) Benzo(b)fluoranthene	23.331	252	26599	0.377	ng/ul	98
25) Benzo(k)fluoranthene	23.381	252	25484	0.369	ng/ul	99
26) Benzo(a)pyrene	23.997	252	20854	0.378	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.753	276	25236	0.412	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.777	278	20123	0.430	ng/ul	97
29) Benzo(g,h,i)perylene	27.582	276	21639	0.392	ng/ul	98

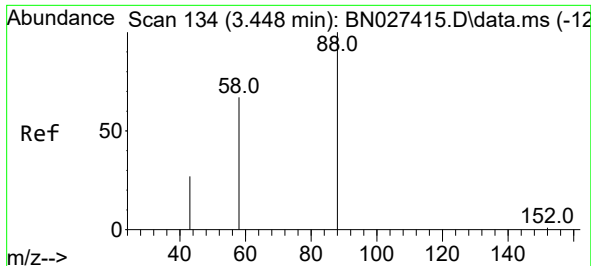
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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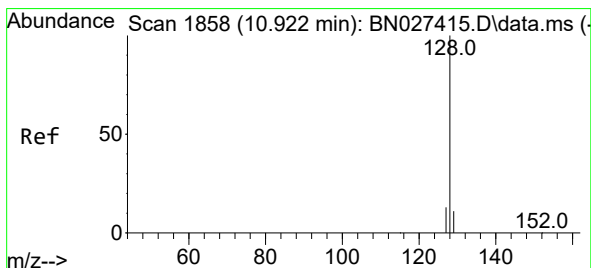
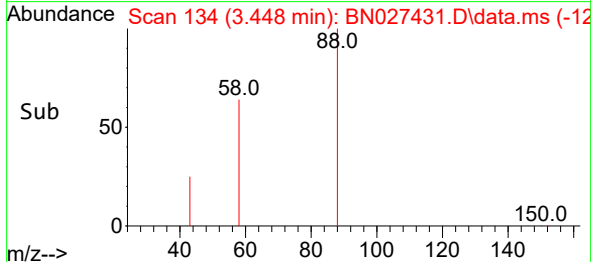
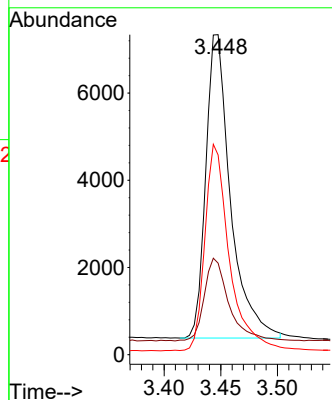
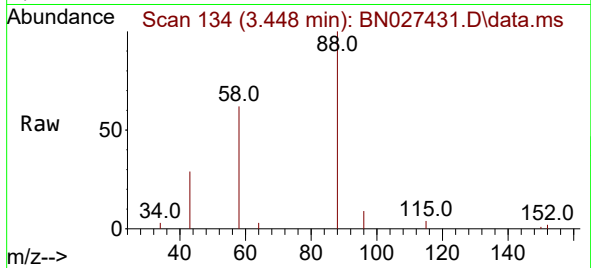




#2
1,4-Dioxane
Concen: 1.824 ng/ul
RT: 3.448 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN027431.D
Acq: 07 Sep 2023 06:44

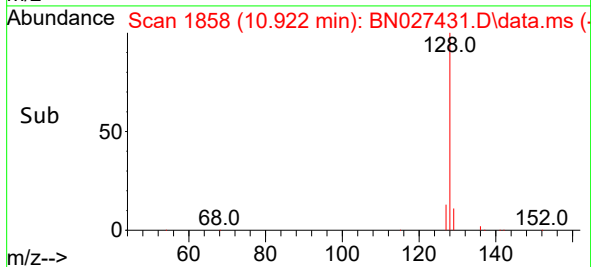
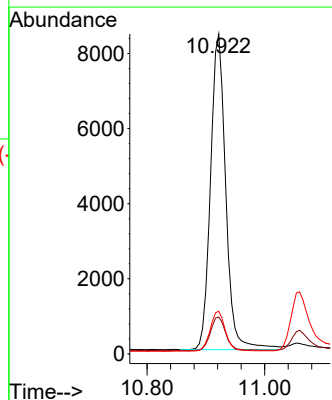
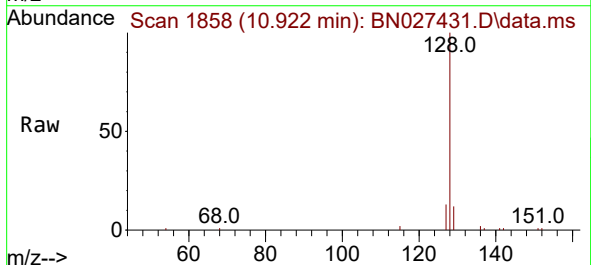
Instrument :
BNA_N
ClientSampleId :
SLCS235

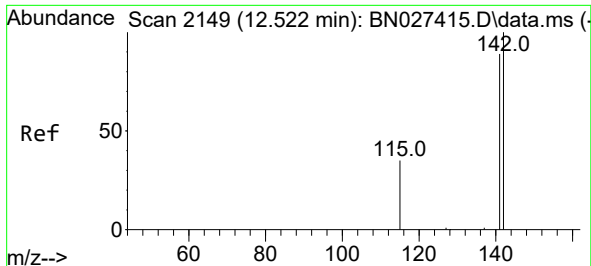
Tgt Ion: 88 Resp: 10544
Ion Ratio Lower Upper
88 100
43 28.6 26.8 40.2
58 62.4 39.9 59.9#



#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.922 min Scan# 1858
Delta R.T. -0.011 min
Lab File: BN027431.D
Acq: 07 Sep 2023 06:44

Tgt Ion:128 Resp: 15156
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.4 10.6 16.0

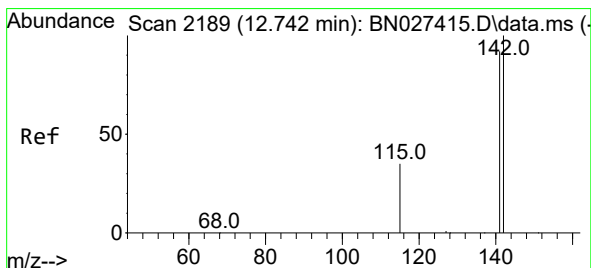
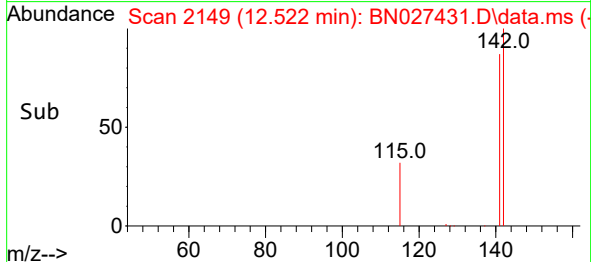
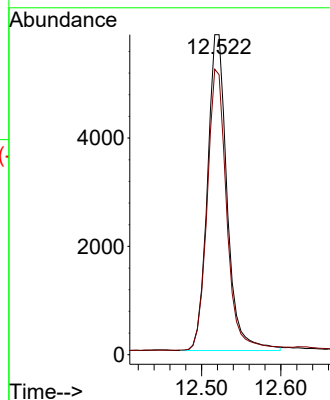
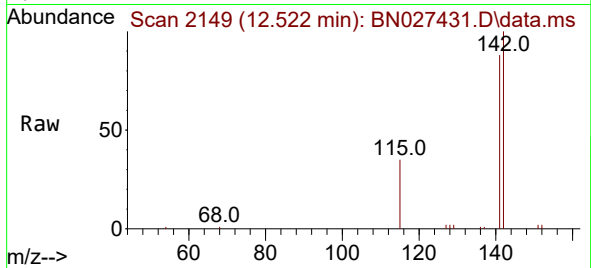




#7
2-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.522 min Scan# 2149
Delta R.T. -0.011 min
Lab File: BN027431.D
Acq: 07 Sep 2023 06:44

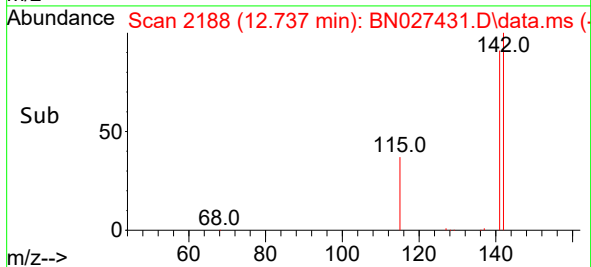
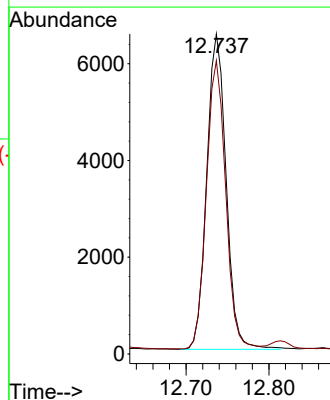
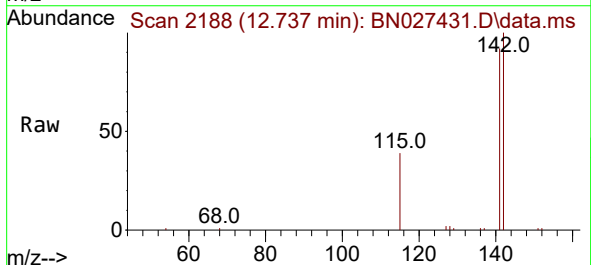
Instrument :
BNA_N
ClientSampleId :
SLCS235

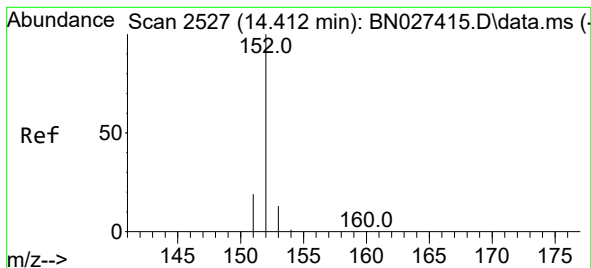
Tgt Ion:142 Resp: 10066
Ion Ratio Lower Upper
142 100
141 88.4 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.410 ng/ul
RT: 12.737 min Scan# 2188
Delta R.T. -0.011 min
Lab File: BN027431.D
Acq: 07 Sep 2023 06:44

Tgt Ion:142 Resp: 10590
Ion Ratio Lower Upper
142 100
141 90.8 73.0 109.4





#10

Acenaphthylene

Concen: 0.369 ng/ul

RT: 14.407 min Scan# 2526

Delta R.T. -0.014 min

Lab File: BN027431.D

Acq: 07 Sep 2023 06:44

Instrument :

BNA_N

ClientSampleId :

SLCS235

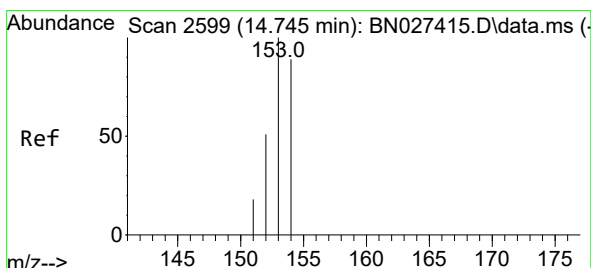
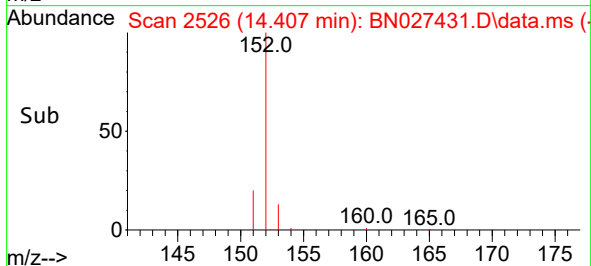
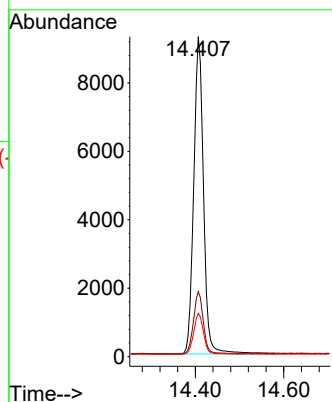
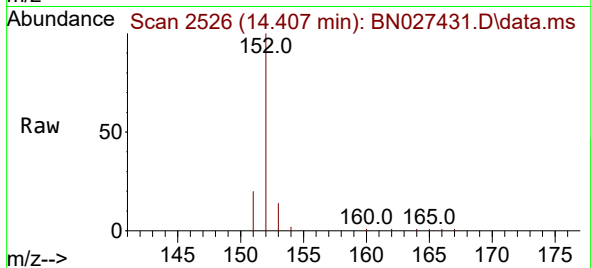
Tgt Ion:152 Resp: 14312

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 13.6 11.1 16.7



#11

Acenaphthene

Concen: 0.368 ng/ul

RT: 14.740 min Scan# 2598

Delta R.T. -0.009 min

Lab File: BN027431.D

Acq: 07 Sep 2023 06:44

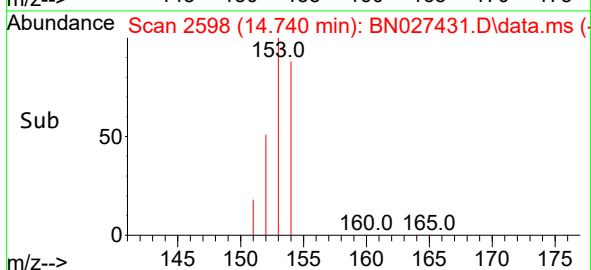
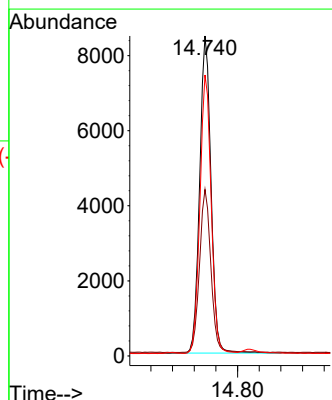
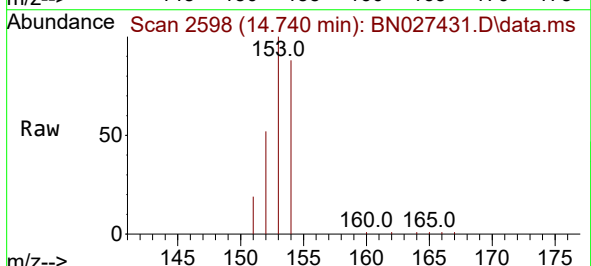
Tgt Ion:153 Resp: 12260

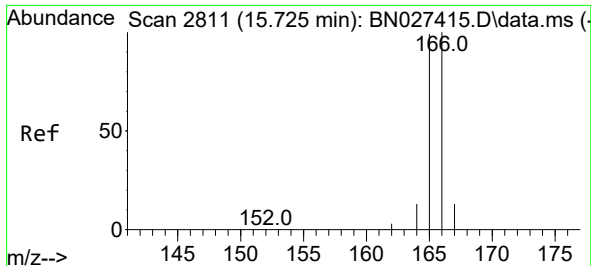
Ion Ratio Lower Upper

153 100

152 52.0 42.9 64.3

154 87.8 69.4 104.0

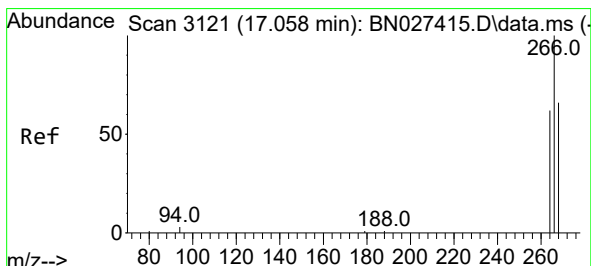
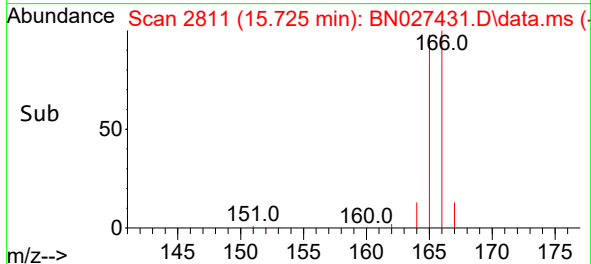
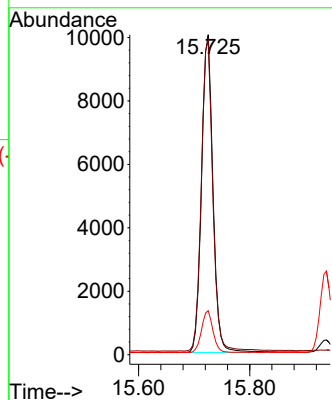
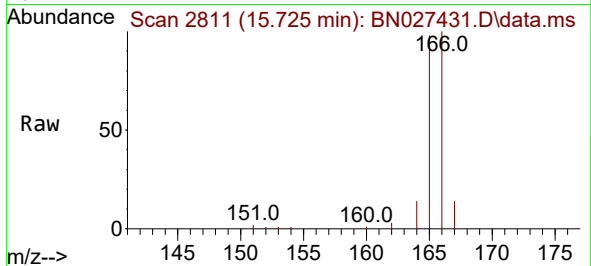




#12
 Fluorene
 Concen: 0.384 ng/ul
 RT: 15.725 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BN027431.D
 Acq: 07 Sep 2023 06:44

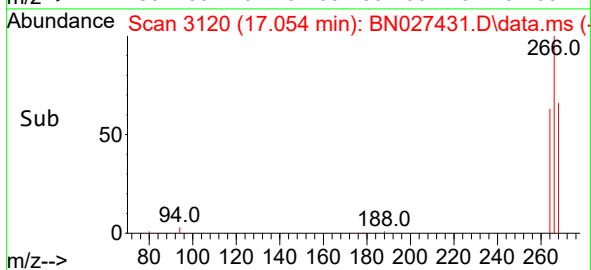
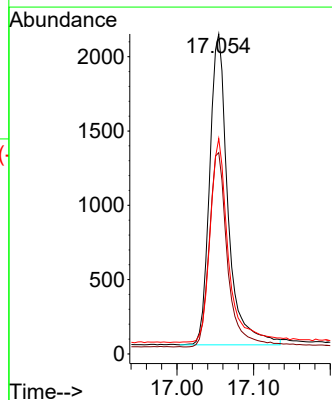
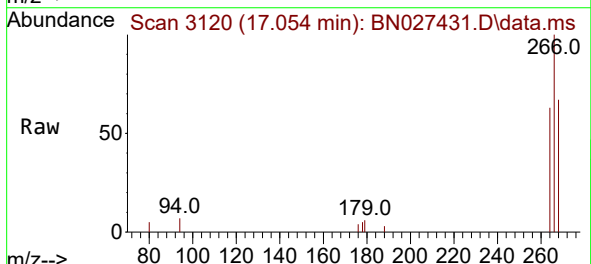
Instrument :
 BNA_N
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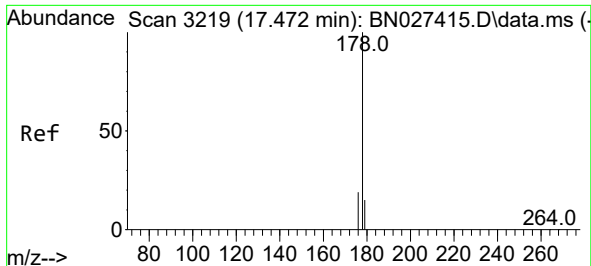
Tgt Ion:166 Resp: 14341
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.6 119.4
 167 13.8 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.883 ng/ul
 RT: 17.054 min Scan# 3120
 Delta R.T. -0.012 min
 Lab File: BN027431.D
 Acq: 07 Sep 2023 06:44

Tgt Ion:266 Resp: 3482
 Ion Ratio Lower Upper
 266 100
 264 62.7 50.4 75.6
 268 65.4 51.9 77.9

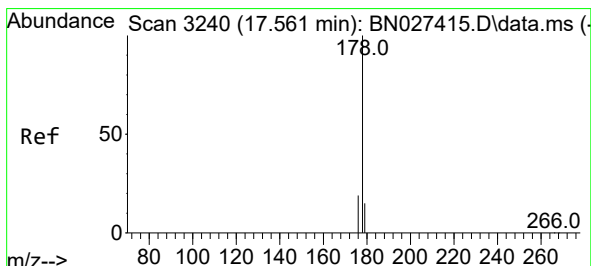
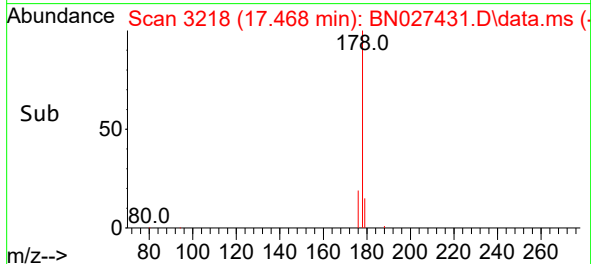
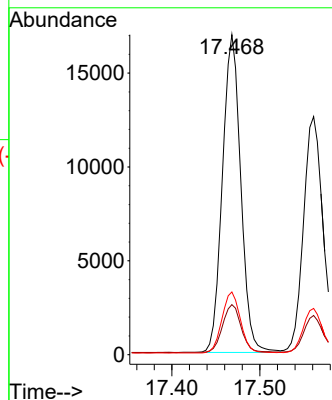
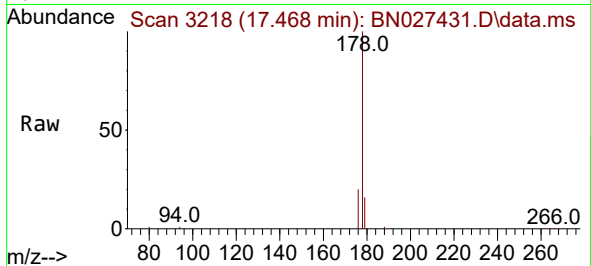




#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 17.468 min Scan# 3218
Delta R.T. -0.012 min
Lab File: BN027431.D
Acq: 07 Sep 2023 06:44

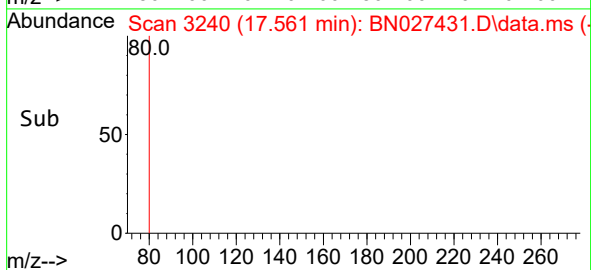
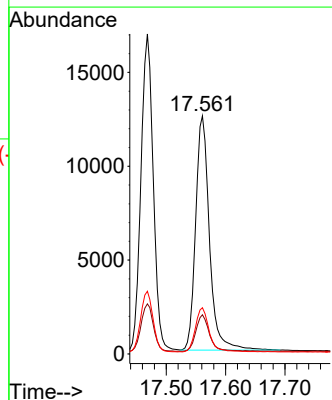
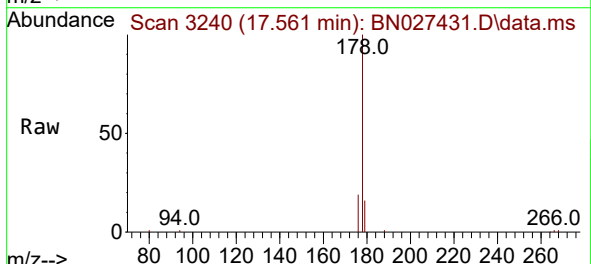
Instrument :
BNA_N
ClientSampleId :
SLCS235

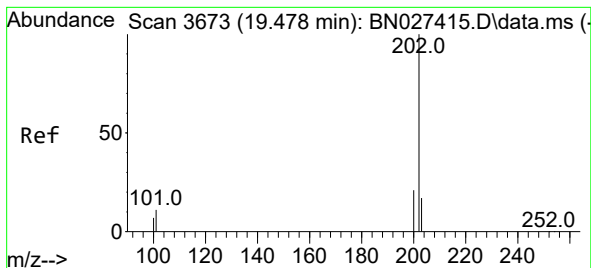
Tgt Ion:178 Resp: 24521
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.6 15.8 23.8



#16
Anthracene
Concen: 0.385 ng/ul
RT: 17.561 min Scan# 3240
Delta R.T. -0.012 min
Lab File: BN027431.D
Acq: 07 Sep 2023 06:44

Tgt Ion:178 Resp: 20189
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 19.4 15.6 23.4





#19

Fluoranthene

Concen: 0.363 ng/ul

RT: 19.473 min Scan# 3672

Delta R.T. -0.014 min

Lab File: BN027431.D

Acq: 07 Sep 2023 06:44

Instrument :

BNA_N

ClientSampleId :

SLCS235

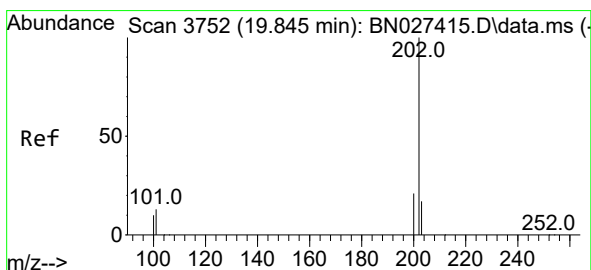
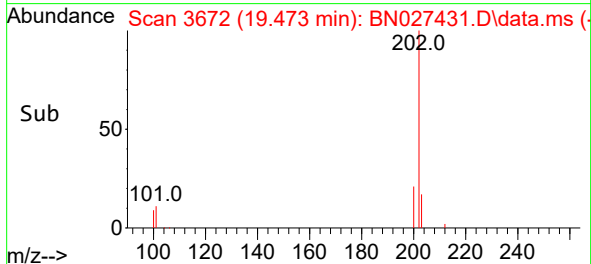
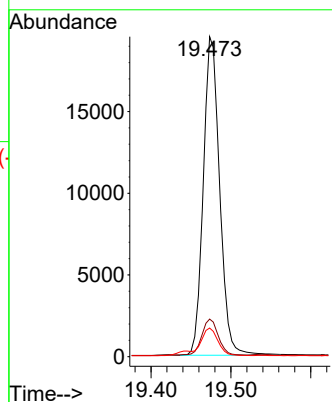
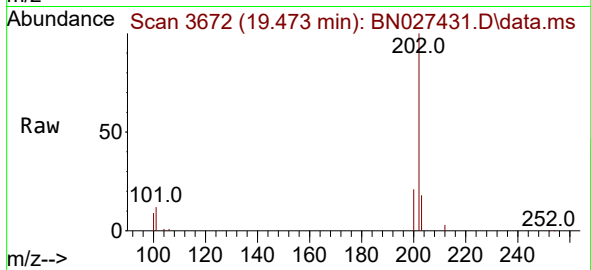
Tgt Ion:202 Resp: 27859

Ion Ratio Lower Upper

202 100

101 11.8 9.4 14.0

100 9.0 6.9 10.3



#20

Pyrene

Concen: 0.366 ng/ul

RT: 19.841 min Scan# 3751

Delta R.T. -0.009 min

Lab File: BN027431.D

Acq: 07 Sep 2023 06:44

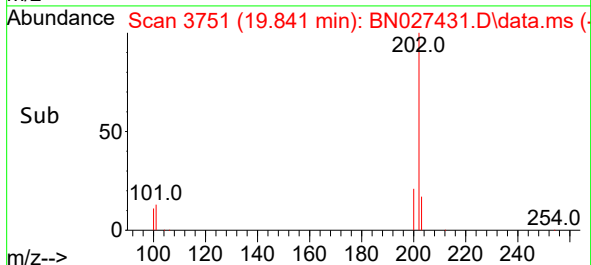
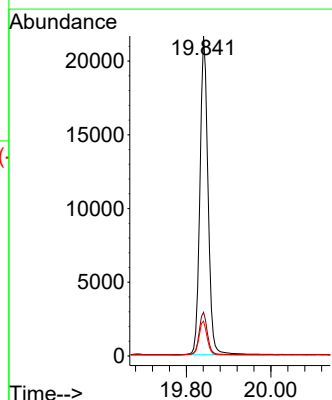
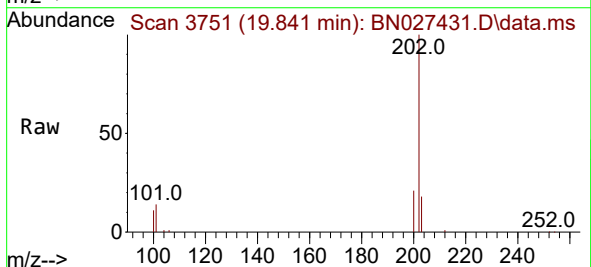
Tgt Ion:202 Resp: 28583

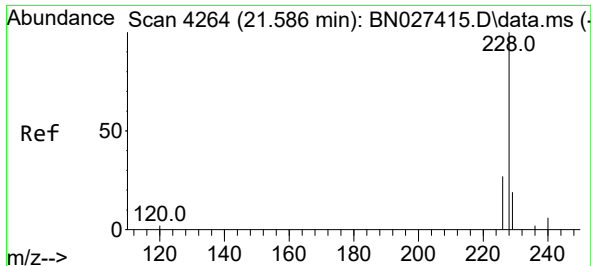
Ion Ratio Lower Upper

202 100

101 13.7 11.4 17.2

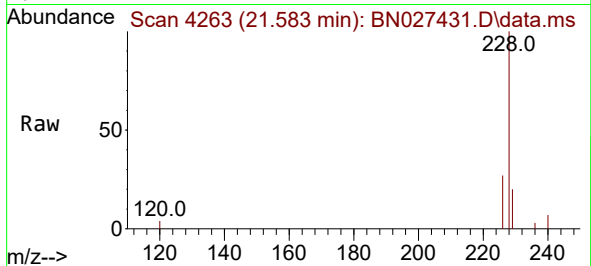
100 10.9 9.4 14.2



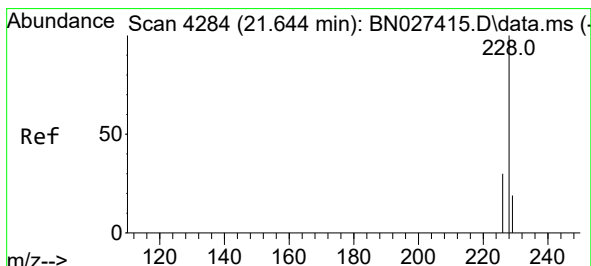
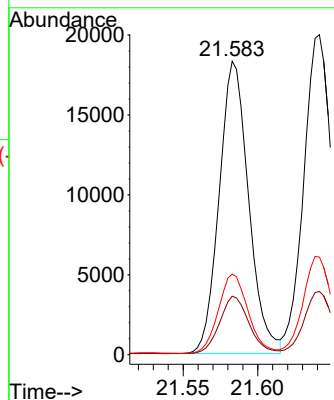
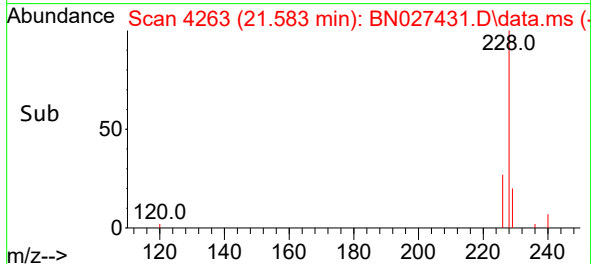


#21
Benzo(a)anthracene
Concen: 0.417 ng/ul
RT: 21.583 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN027431.D
Acq: 07 Sep 2023 06:44

Instrument :
BNA_N
ClientSampleId :
SLCS235

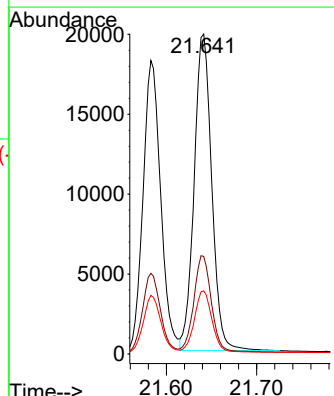
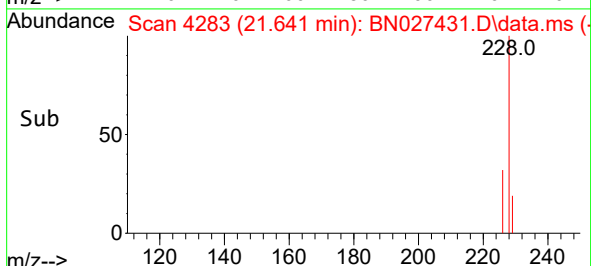
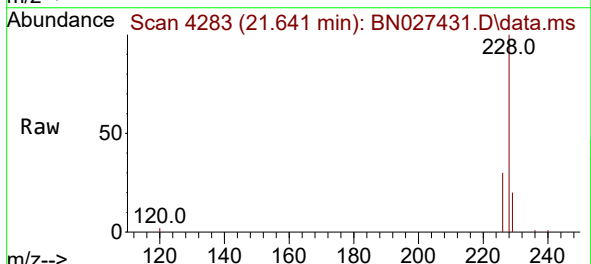


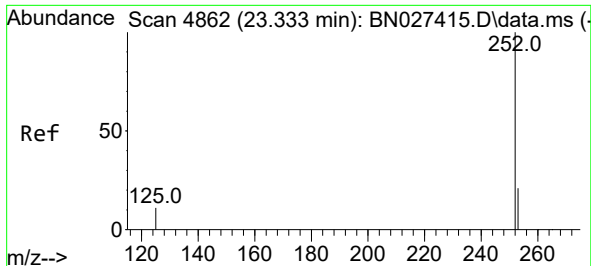
Tgt Ion:228 Resp: 25098
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.5 22.0 33.0



#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.641 min Scan# 4283
Delta R.T. -0.006 min
Lab File: BN027431.D
Acq: 07 Sep 2023 06:44

Tgt Ion:228 Resp: 26802
Ion Ratio Lower Upper
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226 30.5 24.4 36.6
229 19.8 15.6 23.4

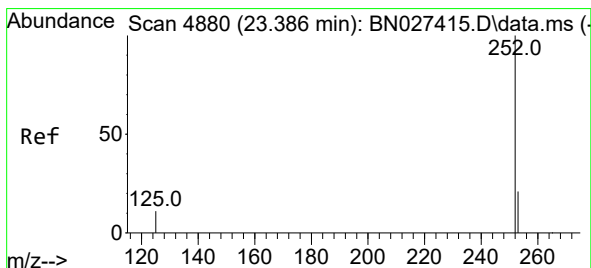
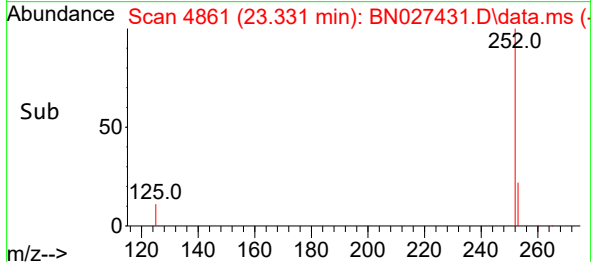
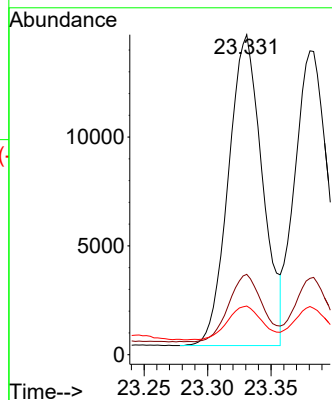
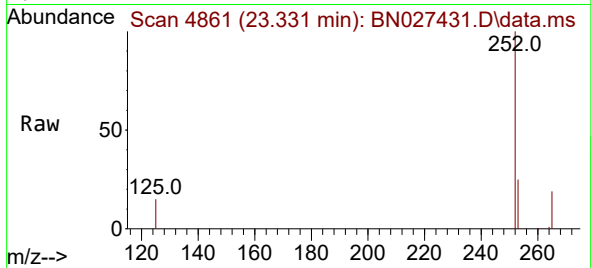




#24
Benzo(b)fluoranthene
Concen: 0.377 ng/ul
RT: 23.331 min Scan# 4862
Delta R.T. -0.014 min
Lab File: BN027431.D
Acq: 07 Sep 2023 06:44

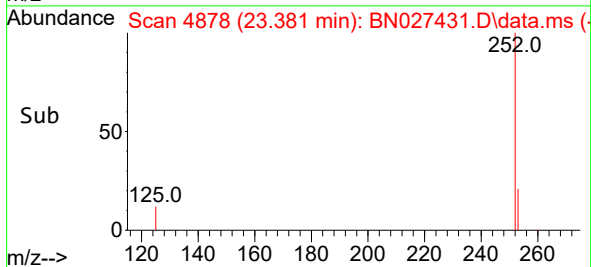
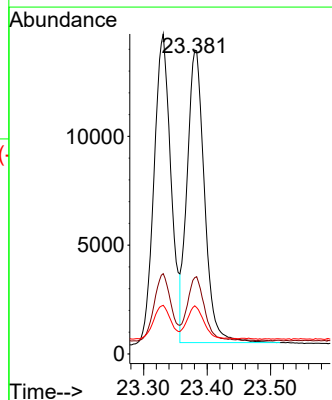
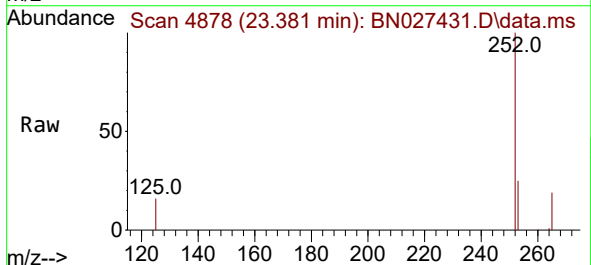
Instrument :
BNA_N
ClientSampleId :
SLCS235

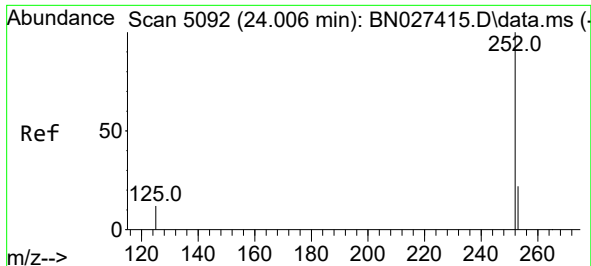
Tgt Ion:252 Resp: 26599
Ion Ratio Lower Upper
252 100
253 25.1 0.0 49.6
125 15.2 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.369 ng/ul
RT: 23.381 min Scan# 4878
Delta R.T. -0.017 min
Lab File: BN027431.D
Acq: 07 Sep 2023 06:44

Tgt Ion:252 Resp: 25484
Ion Ratio Lower Upper
252 100
253 25.1 19.9 29.9
125 15.9 13.6 20.4

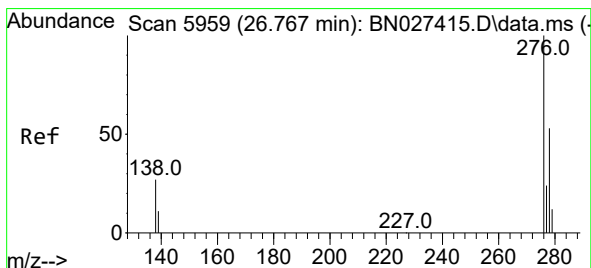
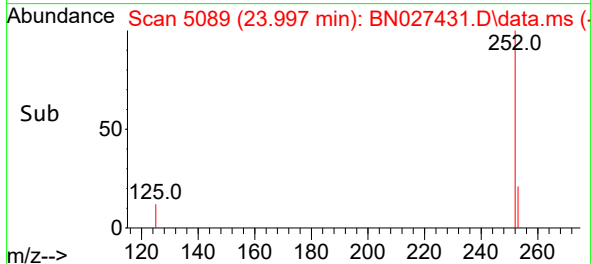
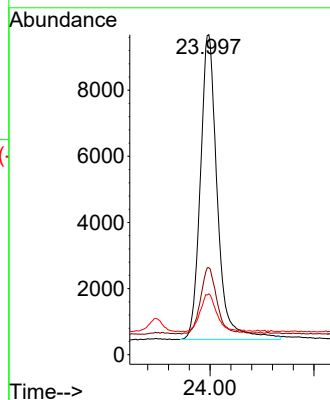
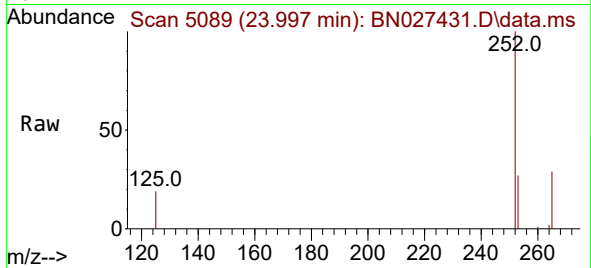




#26
Benzo(a)pyrene
Concen: 0.378 ng/ul
RT: 23.997 min Scan# 5092
Delta R.T. -0.020 min
Lab File: BN027431.D
Acq: 07 Sep 2023 06:44

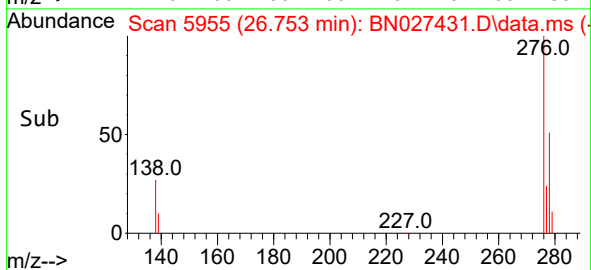
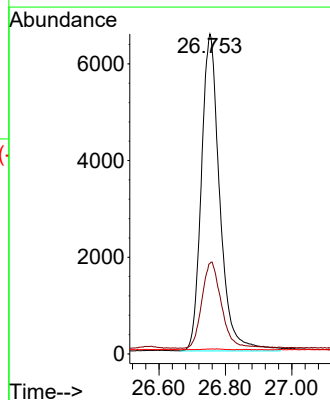
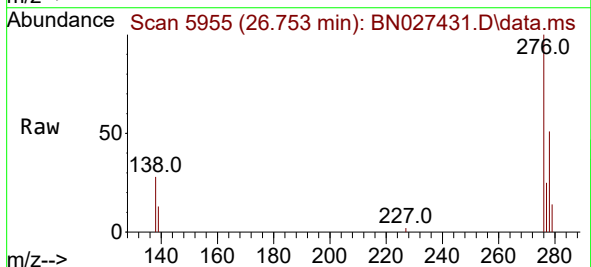
Instrument :
BNA_N
ClientSampleId :
SLCS235

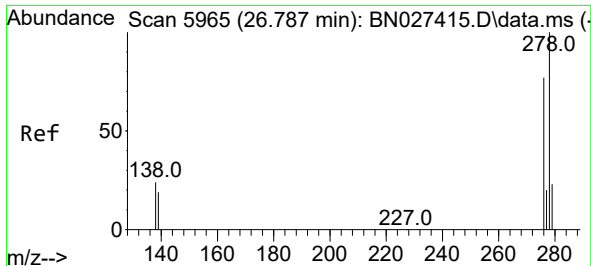
Tgt Ion:252 Resp: 20854
Ion Ratio Lower Upper
252 100
253 27.2 22.4 33.6
125 19.0 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng/ul
RT: 26.753 min Scan# 5955
Delta R.T. -0.047 min
Lab File: BN027431.D
Acq: 07 Sep 2023 06:44

Tgt Ion:276 Resp: 25236
Ion Ratio Lower Upper
276 100
138 29.1 23.9 35.9
227 0.0 0.1 0.1

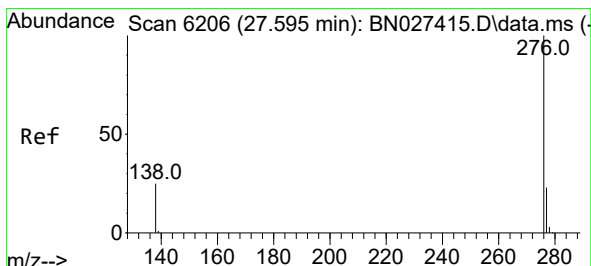
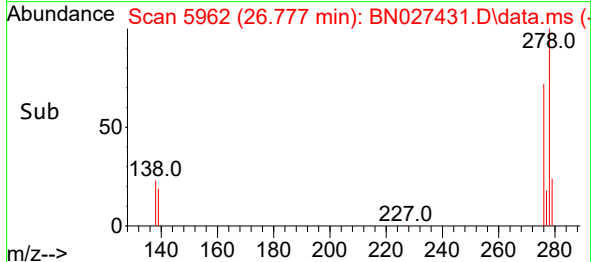
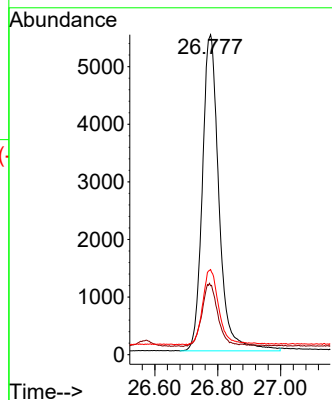
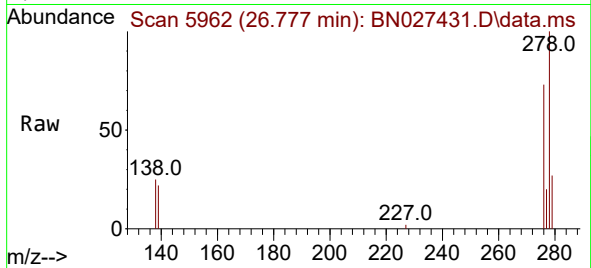




#28
Dibenzo(a,h)anthracene
Concen: 0.430 ng/ul
RT: 26.777 min Scan# 5965
Delta R.T. -0.057 min
Lab File: BN027431.D
Acq: 07 Sep 2023 06:44

Instrument :
BNA_N
ClientSampleId :
SLCS235

Tgt Ion:278 Resp: 20123
Ion Ratio Lower Upper
278 100
139 21.5 18.0 27.0
279 26.6 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.392 ng/ul
RT: 27.582 min Scan# 6202
Delta R.T. -0.047 min
Lab File: BN027431.D
Acq: 07 Sep 2023 06:44

Tgt Ion:276 Resp: 21639
Ion Ratio Lower Upper
276 100
138 26.3 22.1 33.1
277 24.7 20.2 30.4

