

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030185.D
 Acq On : 02 Mar 2024 17:31
 Operator : MA/JU
 Sample : PB159333BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS333

Quant Time: Mar 03 22:48:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 02 16:09:30 2024
 Response via : Initial Calibration

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

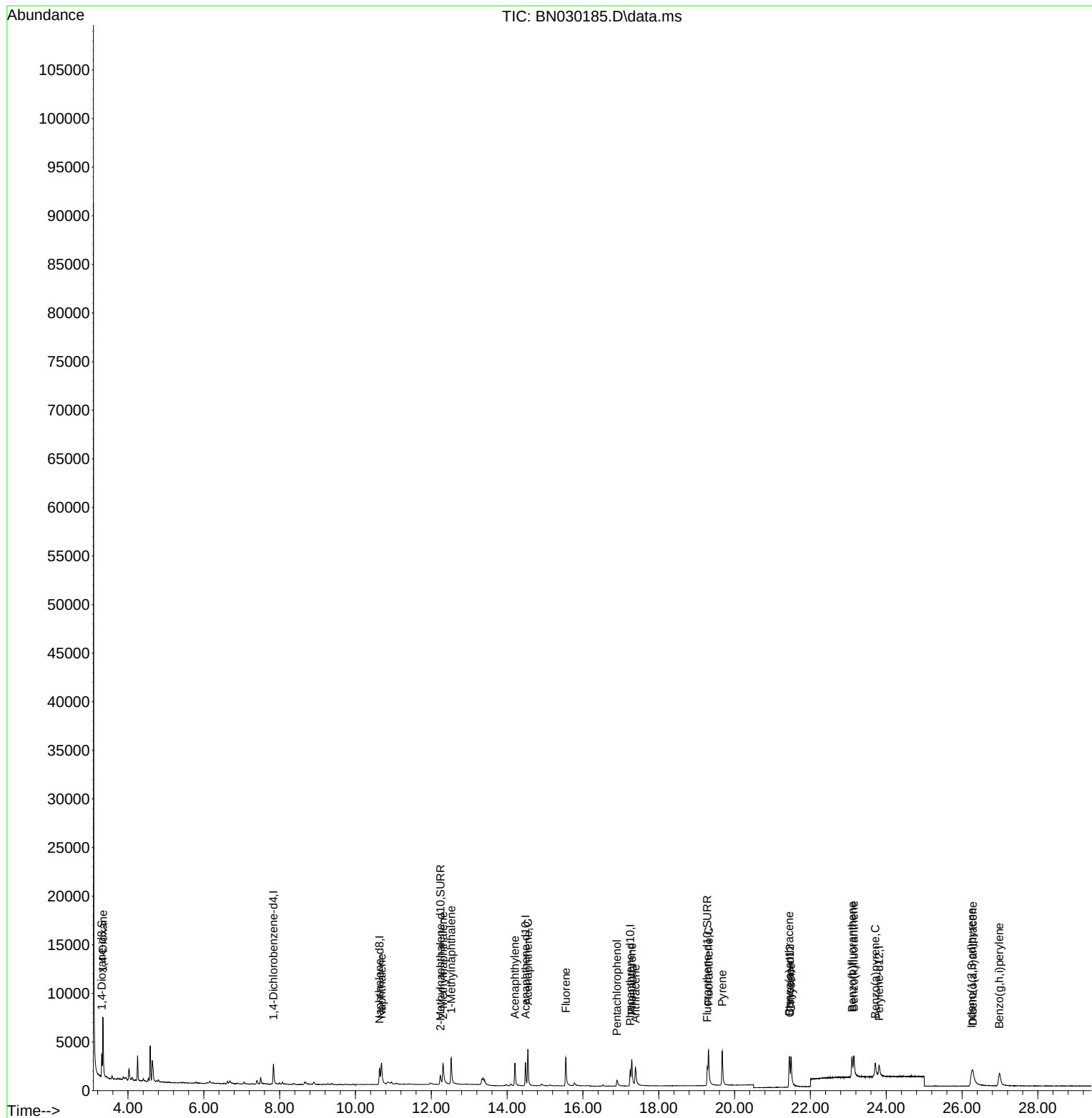
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	1375	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	3557	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.488	164	1632	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.247	188	2856	0.400	ng/ul	0.00
17) Chrysene-d12	21.456	240	1971	0.400	ng/ul	0.00
23) Perylene-d12	23.812	264	2007	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	1511	0.794	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.240	152	1898	0.413	ng/ul	0.00
18) Fluoranthene-d10	19.281	212	3164	0.493	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	4243	2.054	ng/ul#	85
5) Naphthalene	10.689	128	4336	0.413	ng/ul	99
7) 2-Methylnaphthalene	12.311	142	2270	0.399	ng/ul	99
8) 1-Methylnaphthalene	12.525	142	2455	0.407	ng/ul	98
10) Acenaphthylene	14.206	152	3699	0.405	ng/ul	97
11) Acenaphthene	14.548	153	2697	0.403	ng/ul	98
12) Fluorene	15.547	166	2793	0.410	ng/ul	97
14) Pentachlorophenol	16.897	266	753	0.924	ng/ul	98
15) Phenanthrene	17.289	178	3961	0.414	ng/ul	100
16) Anthracene	17.386	178	3427	0.407	ng/ul	98
19) Fluoranthene	19.314	202	4286	0.490	ng/ul	100
20) Pyrene	19.676	202	4610	0.484	ng/ul	98
21) Benzo(a)anthracene	21.438	228	3024	0.434	ng/ul	99
22) Chrysene	21.488	228	3732	0.446	ng/ul	98
24) Benzo(b)fluoranthene	23.098	252	3562	0.460	ng/ul	96
25) Benzo(k)fluoranthene	23.145	252	3967	0.435	ng/ul	97
26) Benzo(a)pyrene	23.712	252	3444	0.437	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.249	276	4376	0.435	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.282	278	3396	0.436	ng/ul	96
29) Benzo(g,h,i)perylene	26.983	276	4087	0.438	ng/ul	95

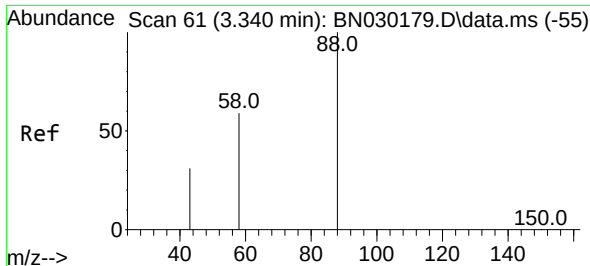
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
Data File : BN030185.D
Acq On : 02 Mar 2024 17:31
Operator : MA/JU
Sample : PB159333BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS333

Quant Time: Mar 03 22:48:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 02 16:09:30 2024
Response via : Initial Calibration

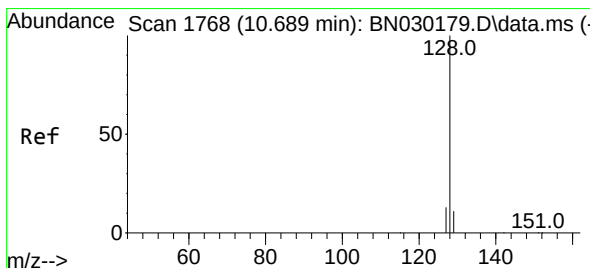
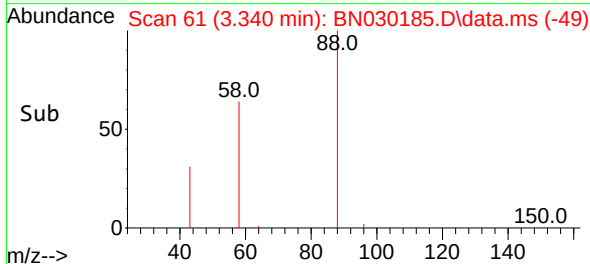
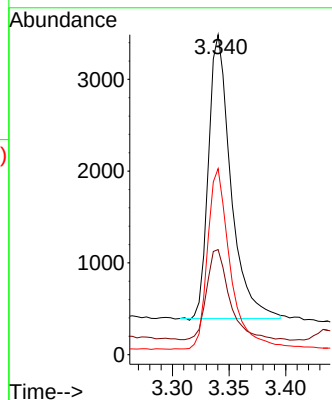
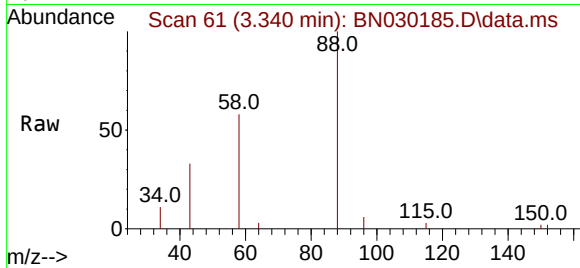




#2
1,4-Dioxane
Concen: 2.054 ng/ul
RT: 3.340 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN030185.D
Acq: 02 Mar 2024 17:31

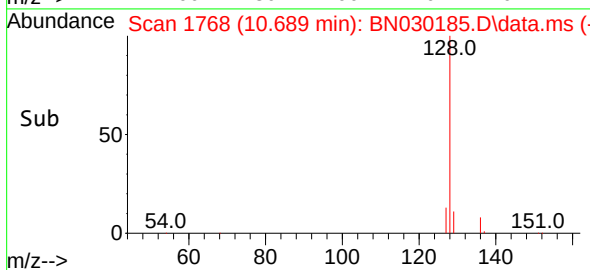
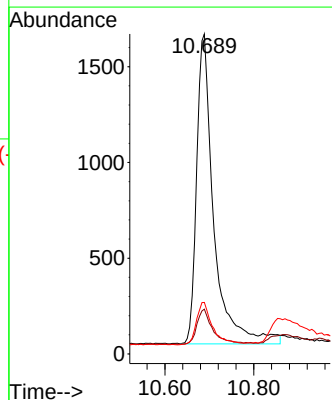
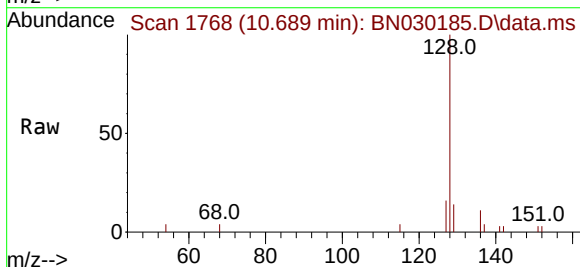
Instrument :
BNA_N
ClientSampleId :
SLCS333

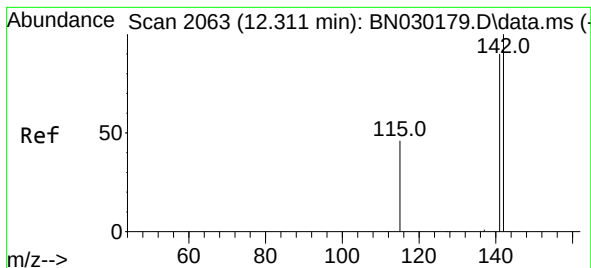
Tgt Ion: 88 Resp: 4243
Ion Ratio Lower Upper
88 100
43 32.9 25.7 38.5
58 58.1 33.8 50.8#



#5
Naphthalene
Concen: 0.413 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BN030185.D
Acq: 02 Mar 2024 17:31

Tgt Ion: 128 Resp: 4336
Ion Ratio Lower Upper
128 100
129 14.0 11.0 16.4
127 16.1 12.3 18.5

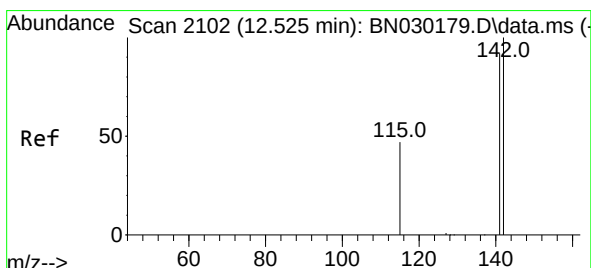
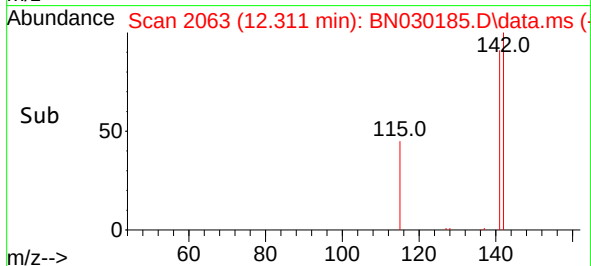
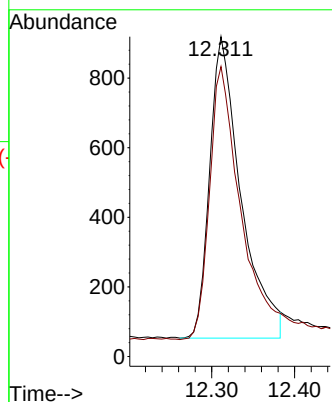
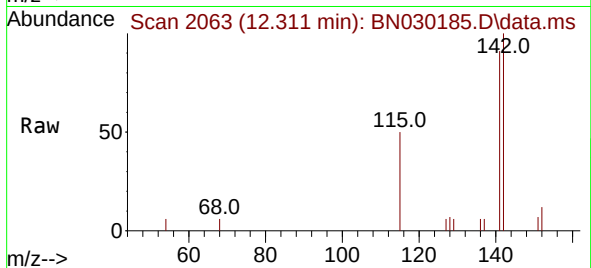




#7
2-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.311 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BN030185.D
Acq: 02 Mar 2024 17:31

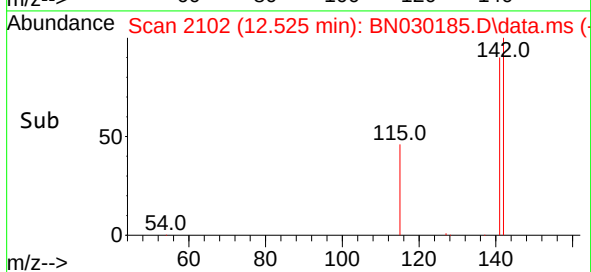
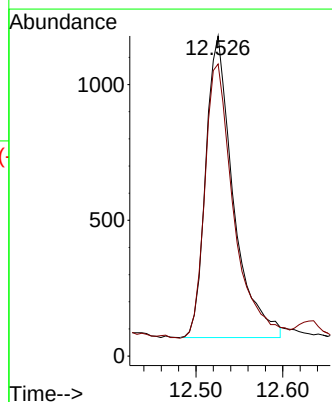
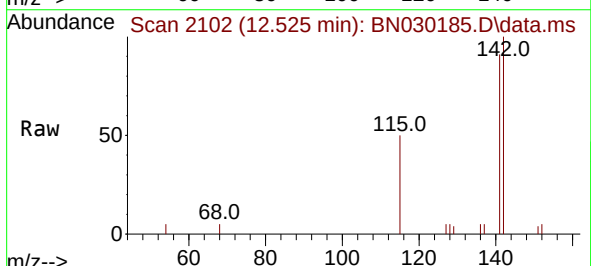
Instrument :
BNA_N
ClientSampleId :
SLCS333

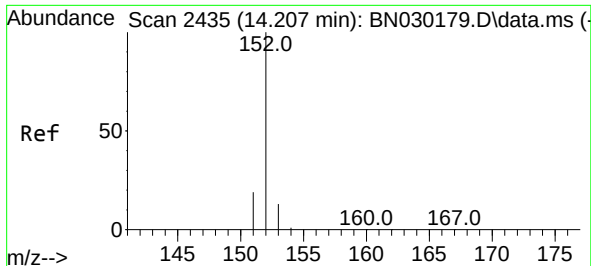
Tgt Ion:142 Resp: 2270
Ion Ratio Lower Upper
142 100
141 90.3 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.525 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN030185.D
Acq: 02 Mar 2024 17:31

Tgt Ion:142 Resp: 2455
Ion Ratio Lower Upper
142 100
141 94.6 74.2 111.2

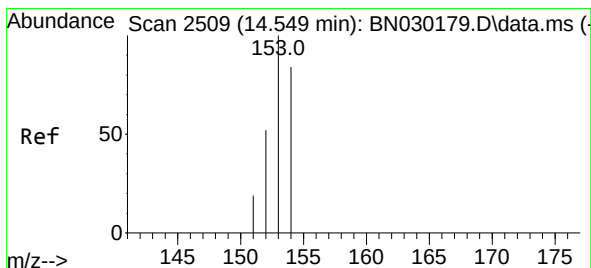
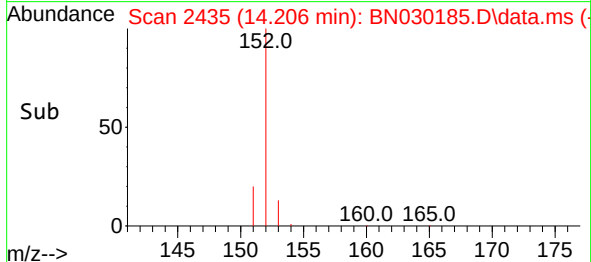
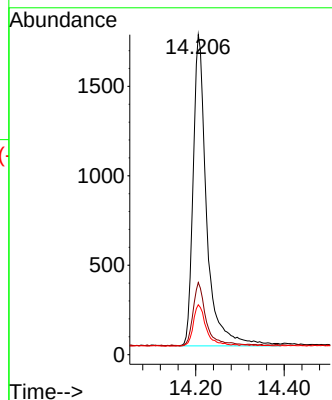
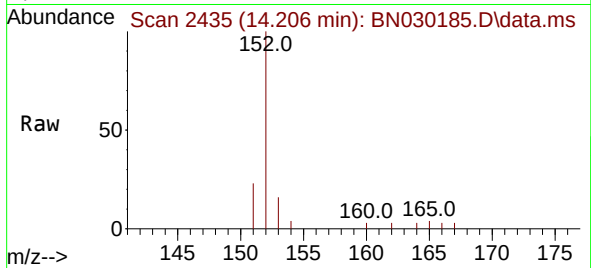




#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 14.206 min Scan# 2435
Delta R.T. -0.001 min
Lab File: BN030185.D
Acq: 02 Mar 2024 17:31

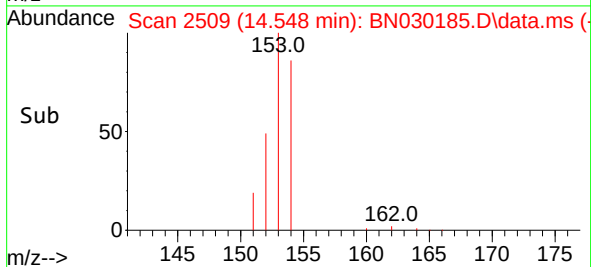
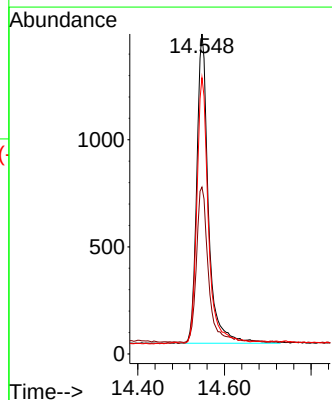
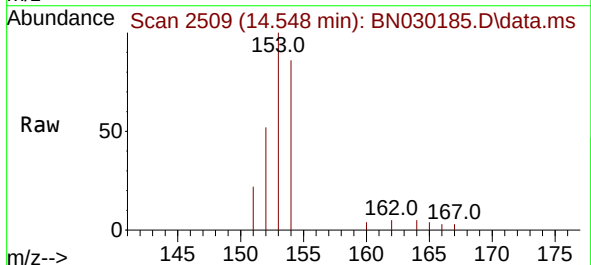
Instrument :
BNA_N
ClientSampleId :
SLCS333

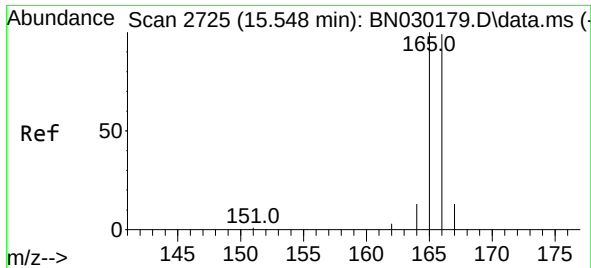
Tgt Ion:152 Resp: 3699
Ion Ratio Lower Upper
152 100
151 22.5 16.9 25.3
153 15.6 11.8 17.6



#11
Acenaphthene
Concen: 0.403 ng/ul
RT: 14.548 min Scan# 2509
Delta R.T. -0.001 min
Lab File: BN030185.D
Acq: 02 Mar 2024 17:31

Tgt Ion:153 Resp: 2697
Ion Ratio Lower Upper
153 100
152 52.1 43.2 64.8
154 86.3 67.5 101.3

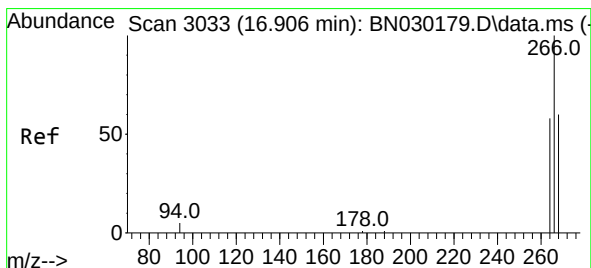
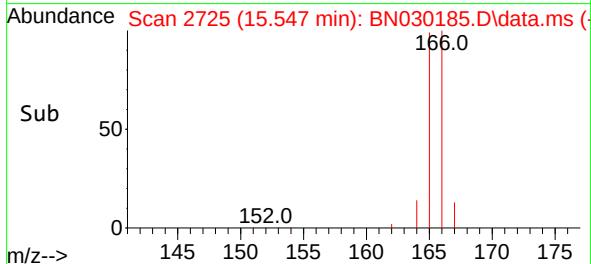
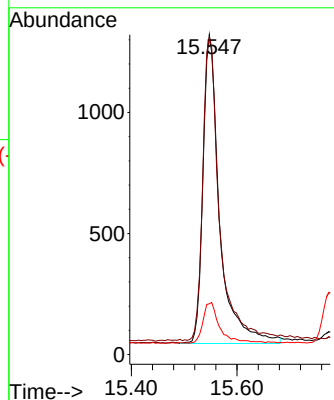
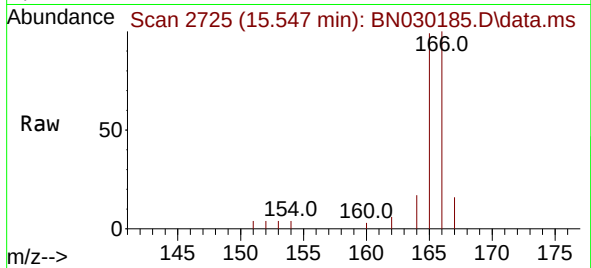




#12
 Fluorene
 Concen: 0.410 ng/ul
 RT: 15.547 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BN030185.D
 Acq: 02 Mar 2024 17:31

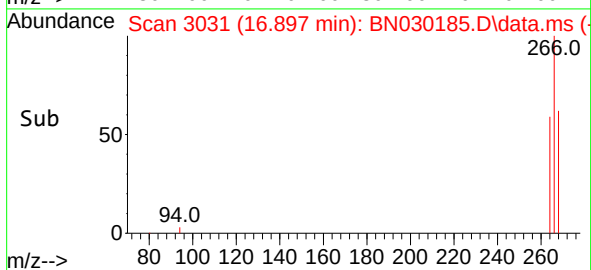
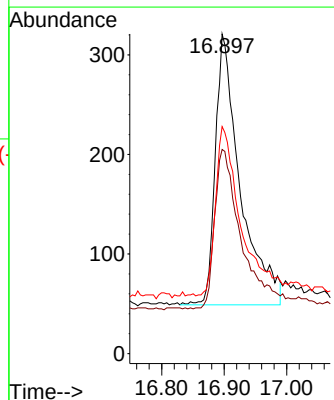
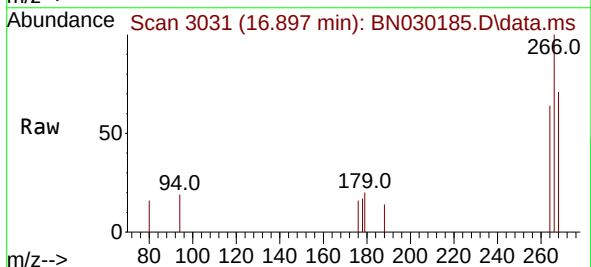
Instrument :
 BNA_N
 ClientSampleId :
 SLCS333

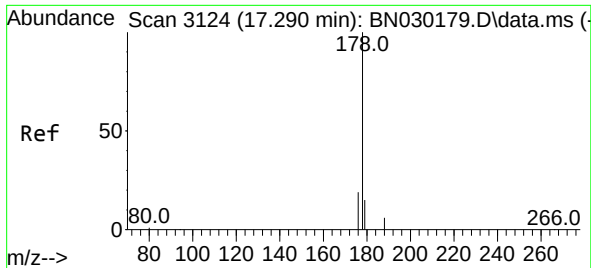
Tgt Ion:166 Resp: 2793
 Ion Ratio Lower Upper
 166 100
 165 99.2 81.8 122.6
 167 15.9 13.0 19.4



#14
 Pentachlorophenol
 Concen: 0.924 ng/ul
 RT: 16.897 min Scan# 3031
 Delta R.T. -0.009 min
 Lab File: BN030185.D
 Acq: 02 Mar 2024 17:31

Tgt Ion:266 Resp: 753
 Ion Ratio Lower Upper
 266 100
 264 62.4 49.8 74.8
 268 63.3 53.4 80.2

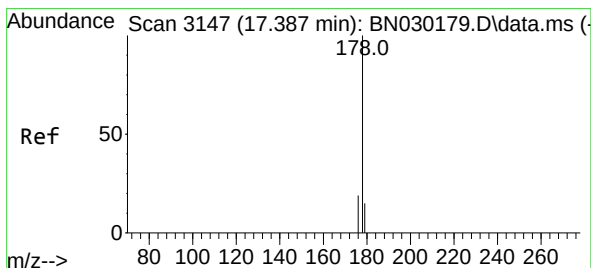
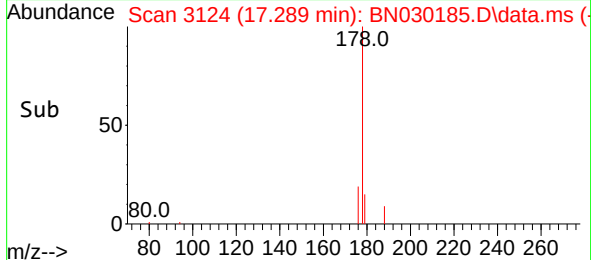
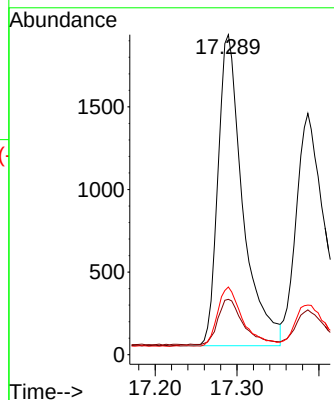
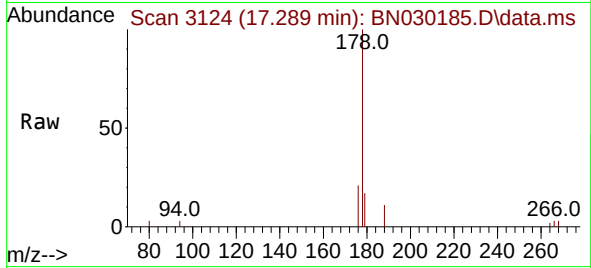




#15
Phenanthrene
Concen: 0.414 ng/ul
RT: 17.289 min Scan# 3124
Delta R.T. -0.001 min
Lab File: BN030185.D
Acq: 02 Mar 2024 17:31

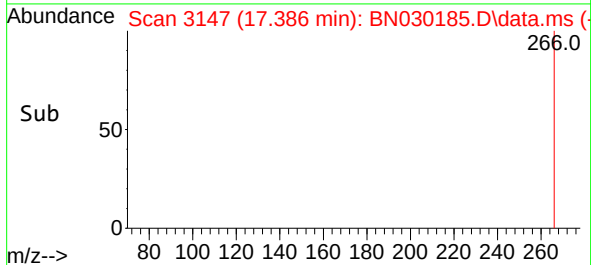
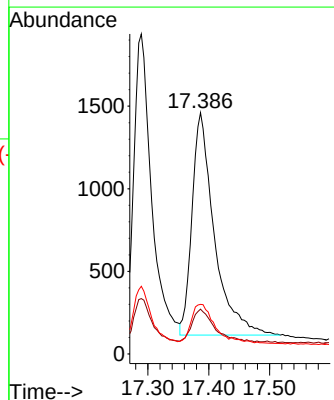
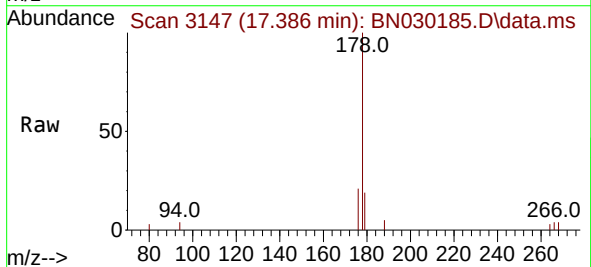
Instrument :
BNA_N
ClientSampleId :
SLCS333

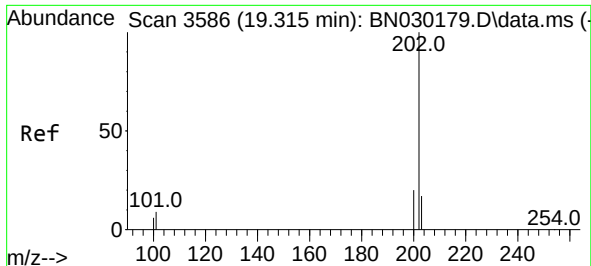
Tgt Ion:	178	Resp:	3961
Ion Ratio	Lower	Upper	
178	100		
179	17.3	13.8	20.8
176	21.2	16.6	25.0



#16
Anthracene
Concen: 0.407 ng/ul
RT: 17.386 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BN030185.D
Acq: 02 Mar 2024 17:31

Tgt Ion:	178	Resp:	3427
Ion Ratio	Lower	Upper	
178	100		
179	18.5	14.8	22.2
176	20.5	17.8	26.6

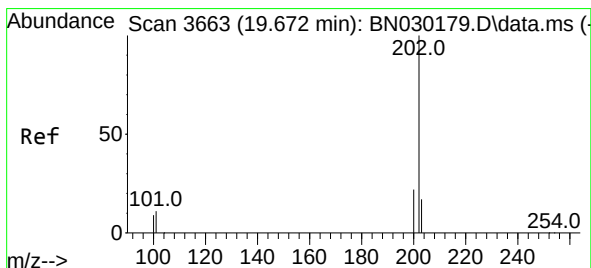
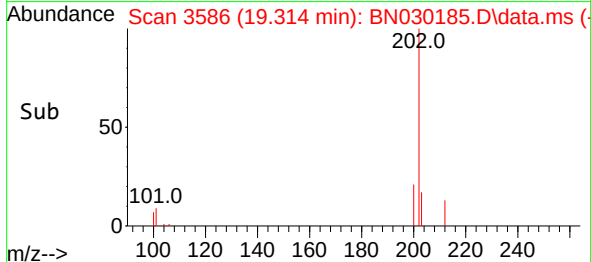
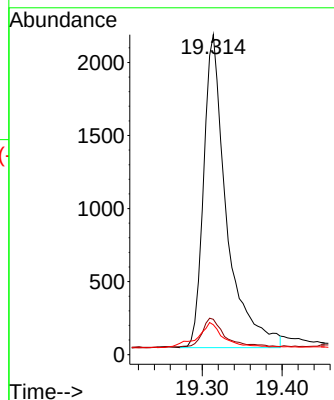
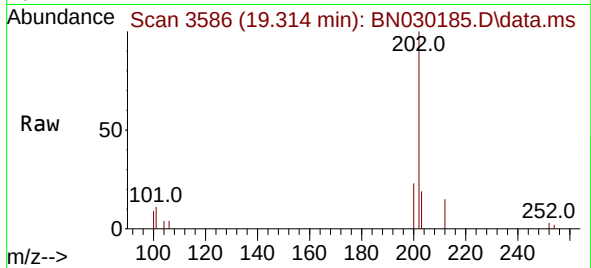




#19
Fluoranthene
Concen: 0.490 ng/u1
RT: 19.314 min Scan# 3586
Delta R.T. -0.001 min
Lab File: BN030185.D
Acq: 02 Mar 2024 17:31

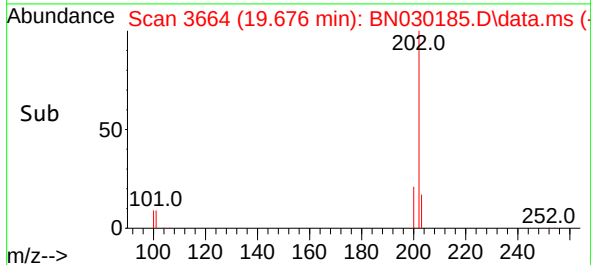
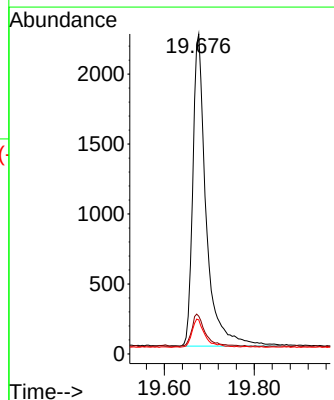
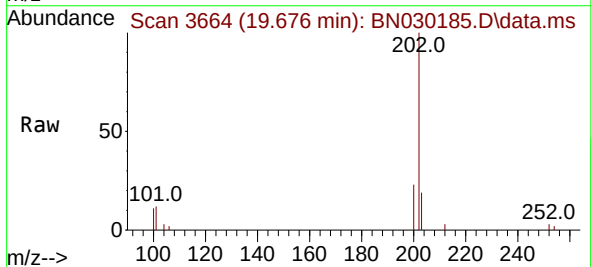
Instrument :
BNA_N
ClientSampleId :
SLCS333

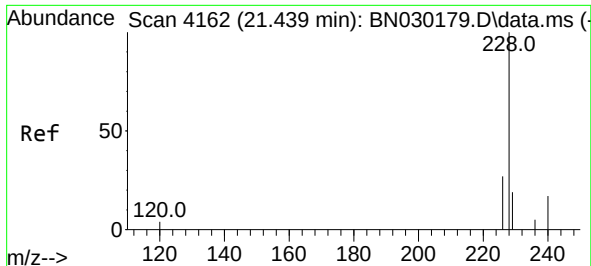
Tgt Ion:202 Resp: 4286
Ion Ratio Lower Upper
202 100
101 11.1 8.8 13.2
100 9.3 7.4 11.2



#20
Pyrene
Concen: 0.484 ng/u1
RT: 19.676 min Scan# 3664
Delta R.T. 0.004 min
Lab File: BN030185.D
Acq: 02 Mar 2024 17:31

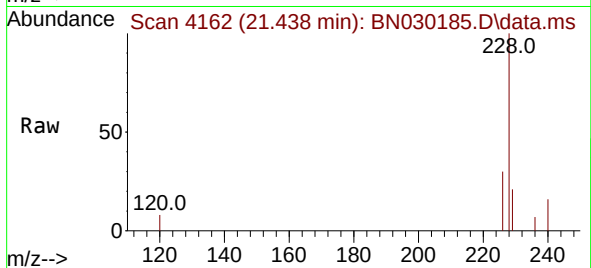
Tgt Ion:202 Resp: 4610
Ion Ratio Lower Upper
202 100
101 11.8 10.6 15.8
100 10.6 8.8 13.2



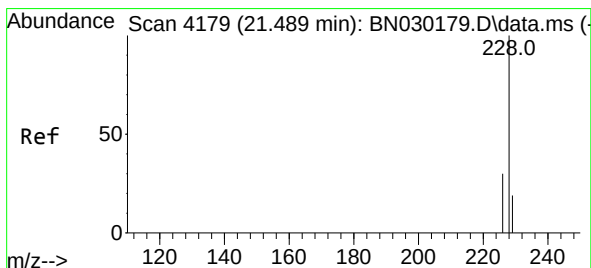
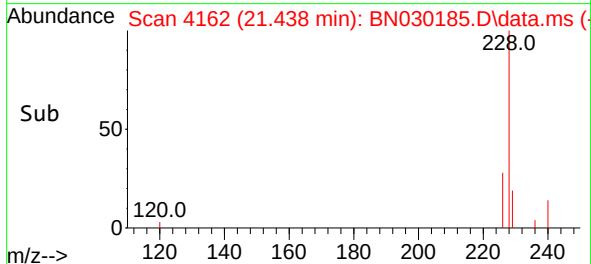
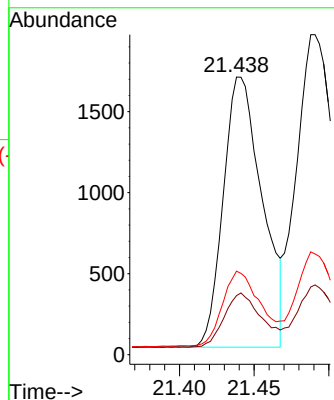


#21
Benzo(a)anthracene
Concen: 0.434 ng/ul
RT: 21.438 min Scan# 4162
Delta R.T. -0.001 min
Lab File: BN030185.D
Acq: 02 Mar 2024 17:31

Instrument :
BNA_N
ClientSampleId :
SLCS333

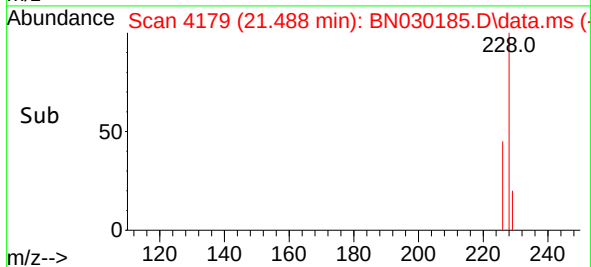
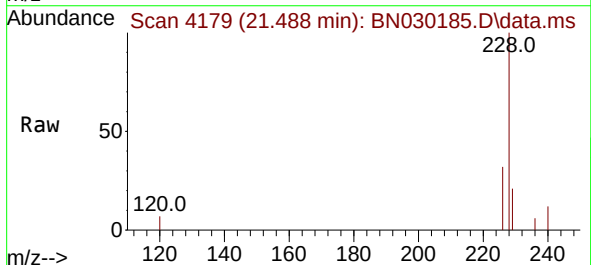
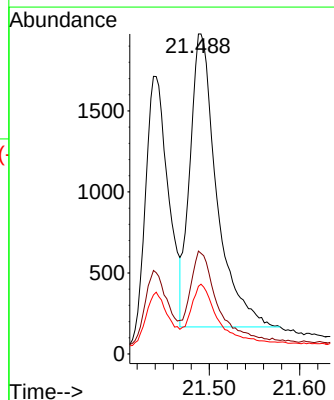


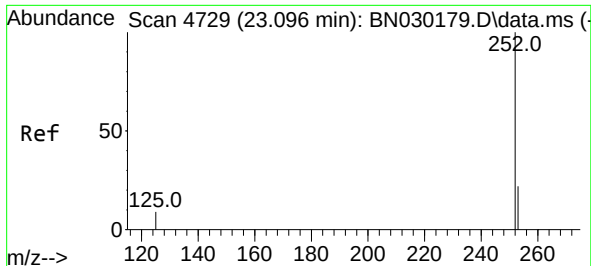
Tgt Ion:228 Resp: 3024
Ion Ratio Lower Upper
228 100
229 21.3 16.6 24.8
226 30.1 23.7 35.5



#22
Chrysene
Concen: 0.446 ng/ul
RT: 21.488 min Scan# 4179
Delta R.T. -0.001 min
Lab File: BN030185.D
Acq: 02 Mar 2024 17:31

Tgt Ion:228 Resp: 3732
Ion Ratio Lower Upper
228 100
226 32.2 24.6 37.0
229 21.2 16.6 24.8

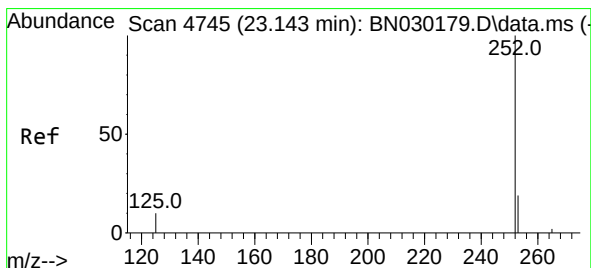
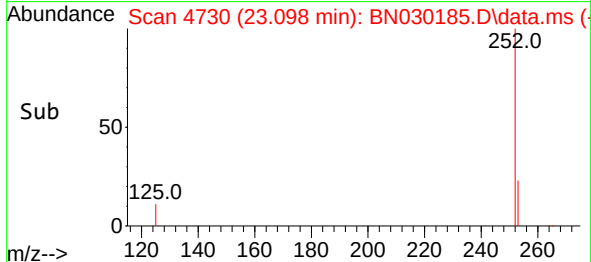
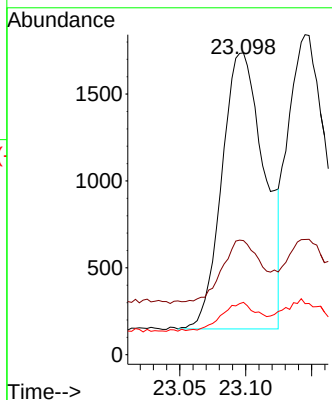
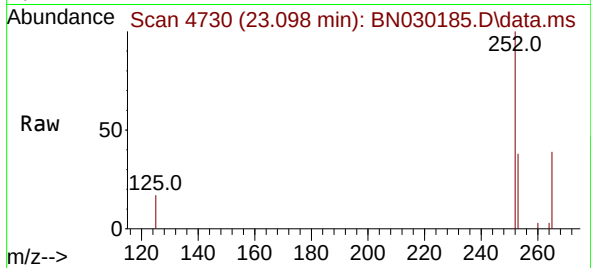




#24
Benzo(b)fluoranthene
Concen: 0.460 ng/ul
RT: 23.098 min Scan# 4730
Delta R.T. 0.002 min
Lab File: BN030185.D
Acq: 02 Mar 2024 17:31

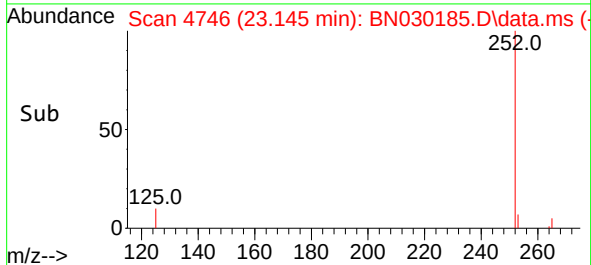
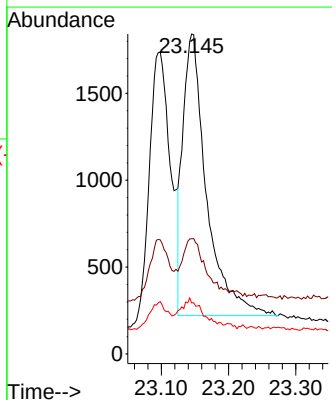
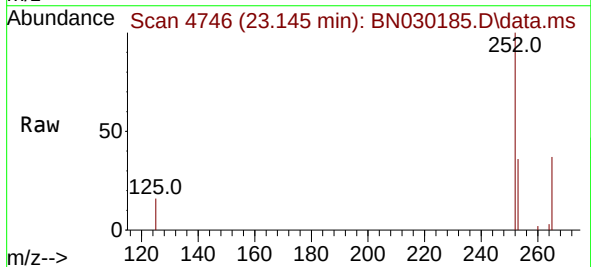
Instrument :
BNA_N
ClientSampleId :
SLCS333

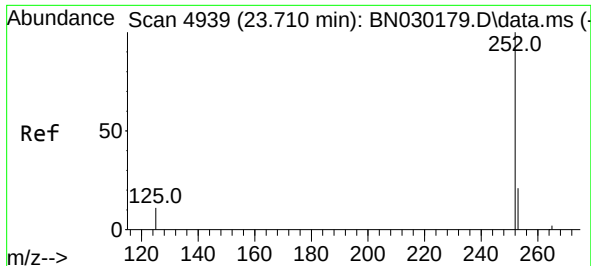
Tgt Ion:252 Resp: 3562
Ion Ratio Lower Upper
252 100
253 37.8 0.0 69.4
125 17.3 0.0 32.8



#25
Benzo(k)fluoranthene
Concen: 0.435 ng/ul
RT: 23.145 min Scan# 4746
Delta R.T. 0.002 min
Lab File: BN030185.D
Acq: 02 Mar 2024 17:31

Tgt Ion:252 Resp: 3967
Ion Ratio Lower Upper
252 100
253 36.0 28.0 42.0
125 16.0 14.4 21.6

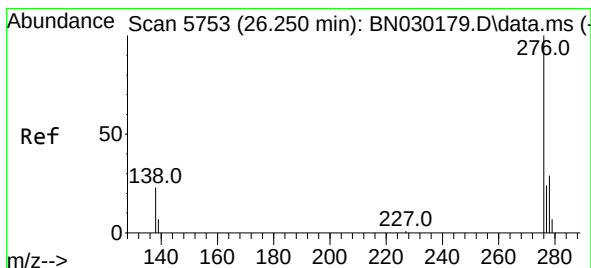
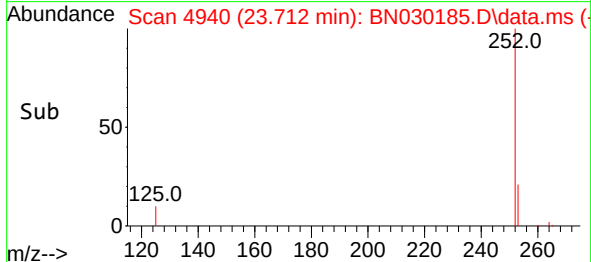
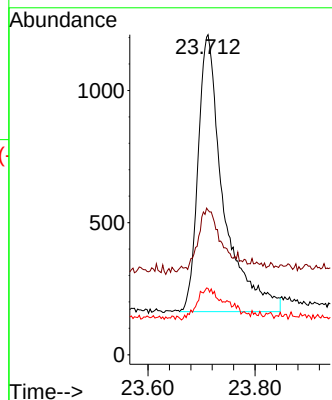
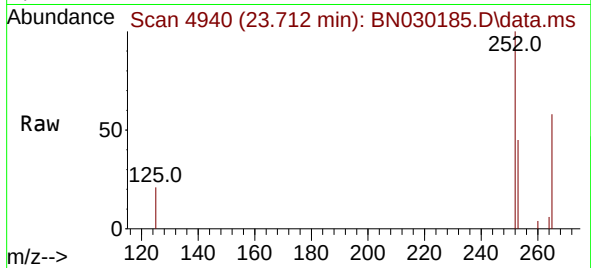




#26
Benzo(a)pyrene
Concen: 0.437 ng/ul
RT: 23.712 min Scan# 4939
Delta R.T. 0.002 min
Lab File: BN030185.D
Acq: 02 Mar 2024 17:31

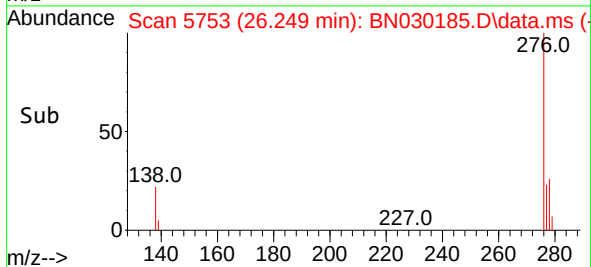
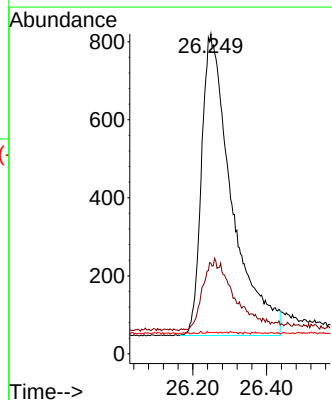
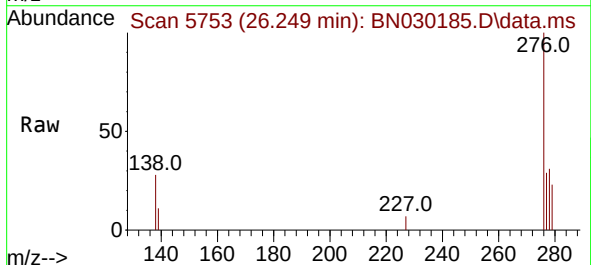
Instrument :
BNA_N
ClientSampleId :
SLCS333

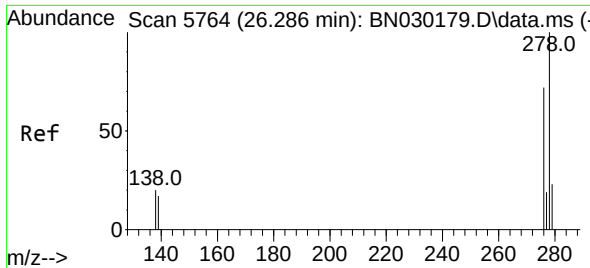
Tgt Ion:	252	Resp:	3444
Ion Ratio	Lower	Upper	
252	100		
253	45.2	33.0	49.4
125	20.7	16.9	25.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng/ul
RT: 26.249 min Scan# 5753
Delta R.T. -0.001 min
Lab File: BN030185.D
Acq: 02 Mar 2024 17:31

Tgt Ion:	276	Resp:	4376
Ion Ratio	Lower	Upper	
276	100		
138	25.0	20.9	31.3
227	0.0	0.1	0.1

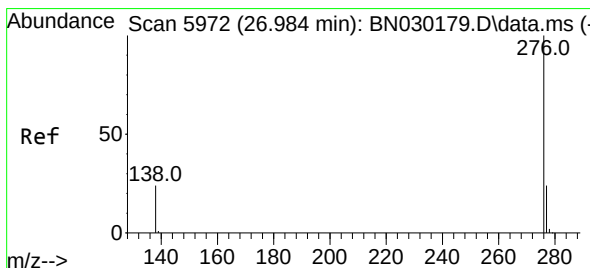
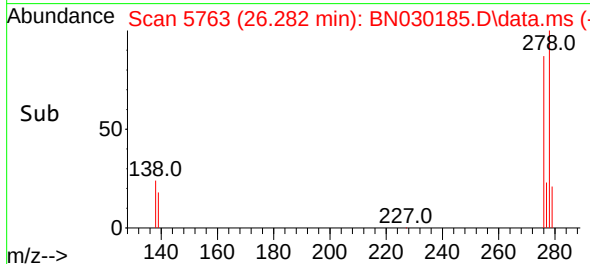
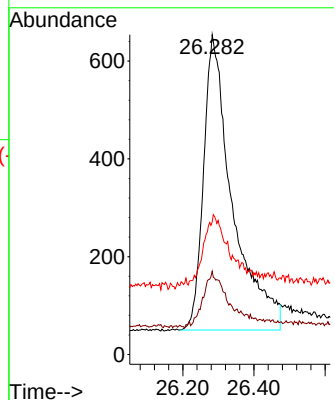
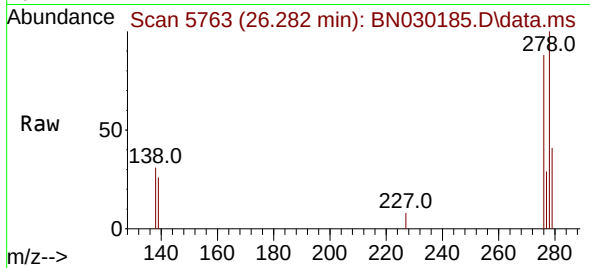




#28
 Dibenzo(a,h)anthracene
 Concen: 0.436 ng/ul
 RT: 26.282 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BN030185.D
 Acq: 02 Mar 2024 17:31

Instrument :
 BNA_N
 ClientSampleId :
 SLCS333

Tgt Ion:278 Resp: 3396
 Ion Ratio Lower Upper
 278 100
 139 26.0 18.9 28.3
 279 41.4 31.8 47.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.438 ng/ul
 RT: 26.983 min Scan# 5972
 Delta R.T. -0.001 min
 Lab File: BN030185.D
 Acq: 02 Mar 2024 17:31

Tgt Ion:276 Resp: 4087
 Ion Ratio Lower Upper
 276 100
 138 25.1 22.6 33.8
 277 29.0 21.9 32.9

