

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070823\
 Data File : BN026391.D
 Acq On : 08 Jul 2023 17:58
 Operator : MA/JU
 Sample : PB153848BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS848

Quant Time: Jul 08 18:44:20 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 08 09:20:18 2023
 Response via : Initial Calibration

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

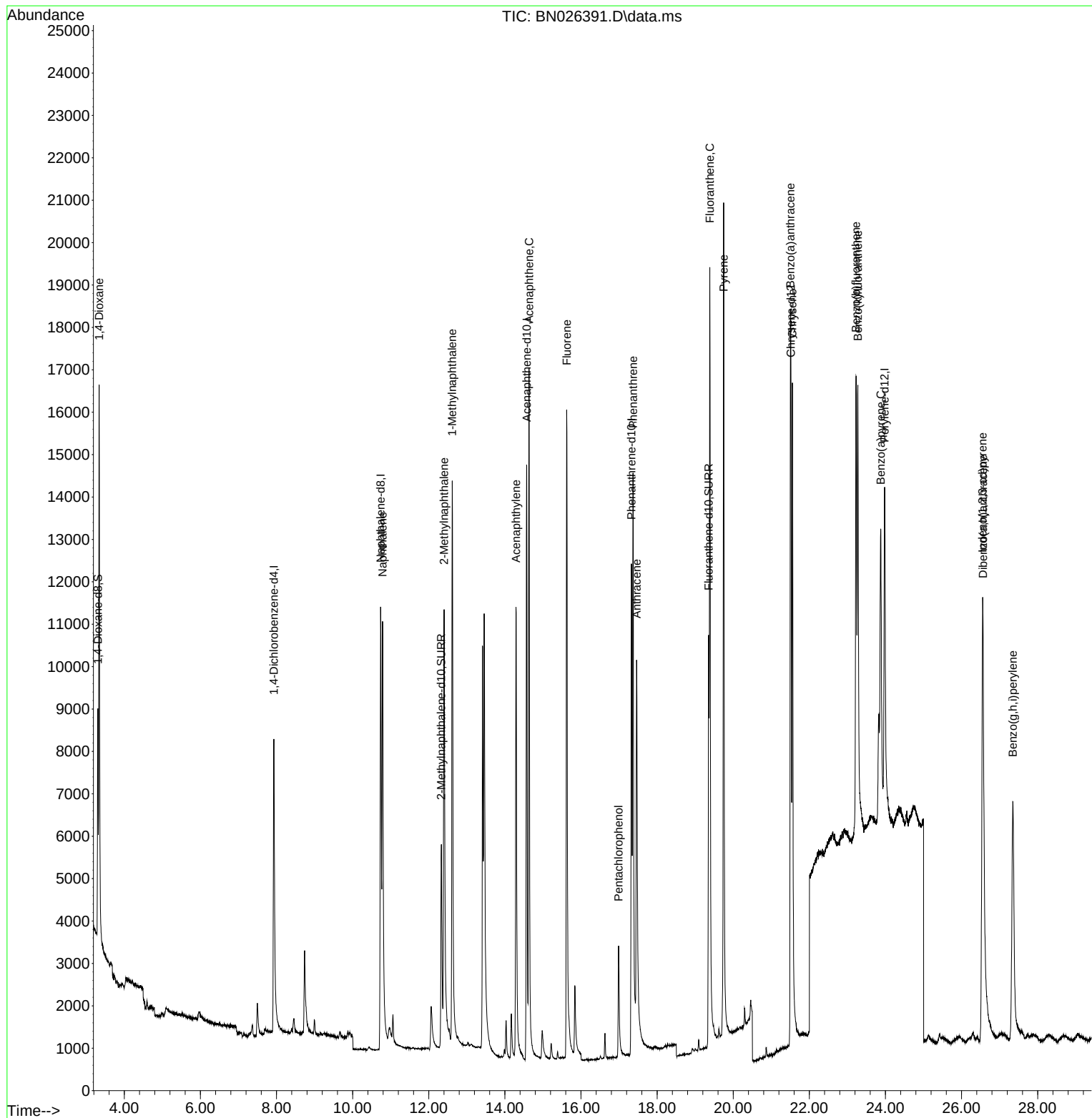
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	5584	0.400	ng/ul	0.00
4) Naphthalene-d8	10.736	136	19289	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.574	164	9292	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188	17618	0.400	ng/ul	0.00
17) Chrysene-d12	21.519	240	11330	0.400	ng/ul	0.00
23) Perylene-d12	23.978	264	11265	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	3675	0.584	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.331	152	8615	0.290	ng/ul	0.00
18) Fluoranthene-d10	19.353	212	13372	0.310	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.339	88	9423	1.411	ng/ul#	88
5) Naphthalene	10.785	128	17450	0.316	ng/ul	99
7) 2-Methylnaphthalene	12.402	142	10262	0.292	ng/ul	100
8) 1-Methylnaphthalene	12.617	142	11077	0.304	ng/ul	100
10) Acenaphthylene	14.292	152	16119	0.370	ng/ul	99
11) Acenaphthene	14.635	153	11166	0.314	ng/ul	98
12) Fluorene	15.625	166	13124	0.322	ng/ul	99
14) Pentachlorophenol	16.988	266	2425	0.384	ng/ul	99
15) Phenanthrene	17.368	178	17531	0.301	ng/ul	99
16) Anthracene	17.465	178	14947	0.289	ng/ul	98
19) Fluoranthene	19.386	202	18686	0.309	ng/ul	99
20) Pyrene	19.748	202	20082	0.319	ng/ul	97
21) Benzo(a)anthracene	21.505	228	15205	0.325	ng/ul	99
22) Chrysene	21.554	228	15951	0.328	ng/ul	100
24) Benzo(b)fluoranthene	23.229	252	15951	0.332	ng/ul	93
25) Benzo(k)fluoranthene	23.273	252	16963	0.351	ng/ul	95
26) Benzo(a)pyrene	23.875	252	14203	0.340	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.553	276	17449	0.383	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.563	278	13450	0.390	ng/ul	99
29) Benzo(g,h,i)perylene	27.348	276	15528	0.383	ng/ul	97

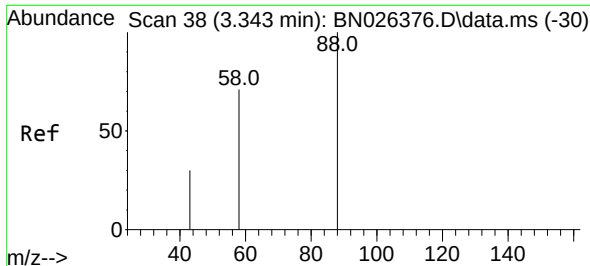
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070823\
Data File : BN026391.D
Acq On : 08 Jul 2023 17:58
Operator : MA/JU
Sample : PB153848BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS848

Quant Time: Jul 08 18:44:20 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 08 09:20:18 2023
Response via : Initial Calibration

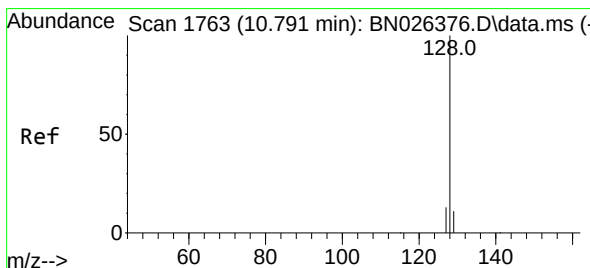
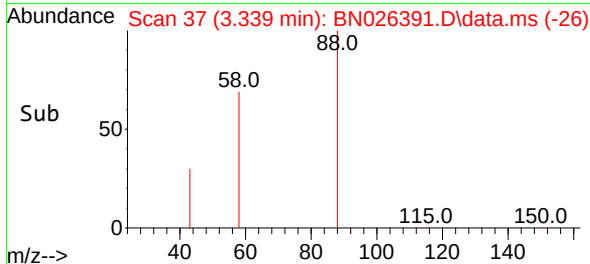
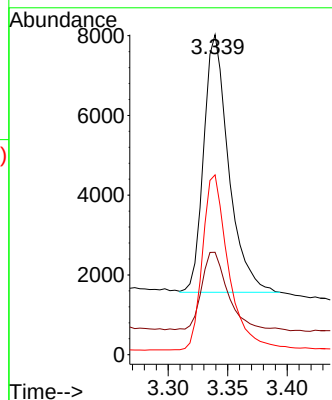
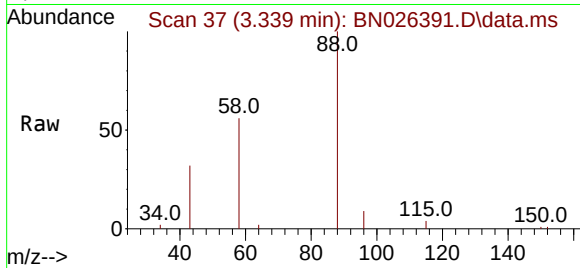




#2
 1,4-Dioxane
 Concen: 1.411 ng/ul
 RT: 3.339 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN026391.D
 Acq: 08 Jul 2023 17:58

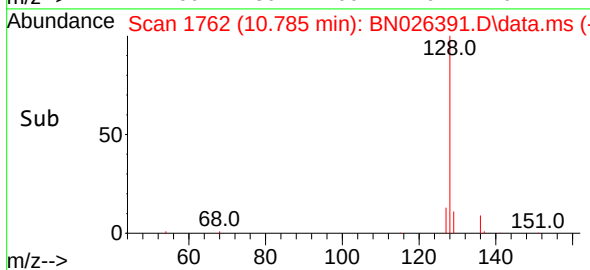
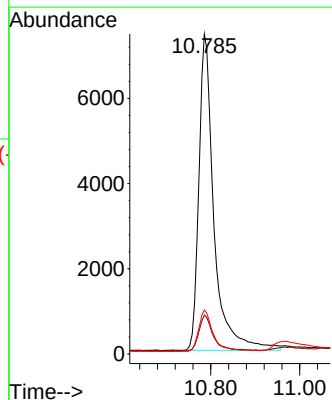
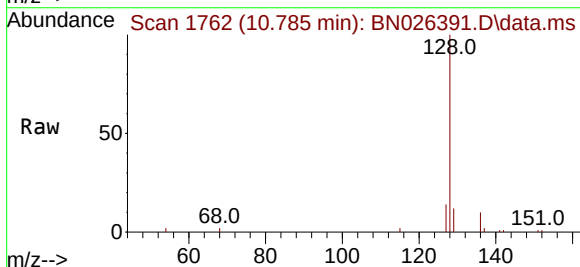
Instrument :
 BNA_N
 ClientSampleId :
 SLCS848

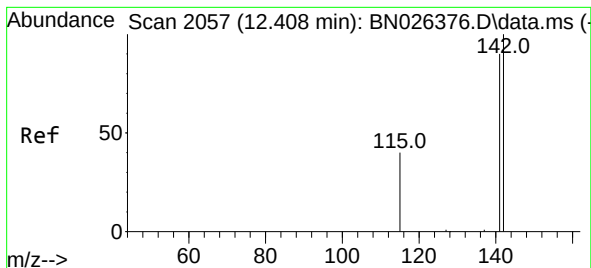
Tgt Ion: 88 Resp: 9423
 Ion Ratio Lower Upper
 88 100
 43 32.0 29.5 44.3
 58 56.2 37.4 56.2#



#5
 Naphthalene
 Concen: 0.316 ng/ul
 RT: 10.785 min Scan# 1762
 Delta R.T. -0.005 min
 Lab File: BN026391.D
 Acq: 08 Jul 2023 17:58

Tgt Ion: 128 Resp: 17450
 Ion Ratio Lower Upper
 128 100
 129 12.2 9.1 13.7
 127 13.8 10.7 16.1

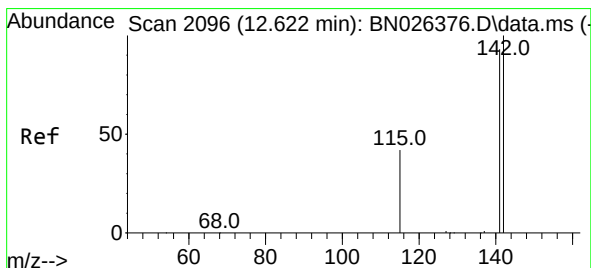
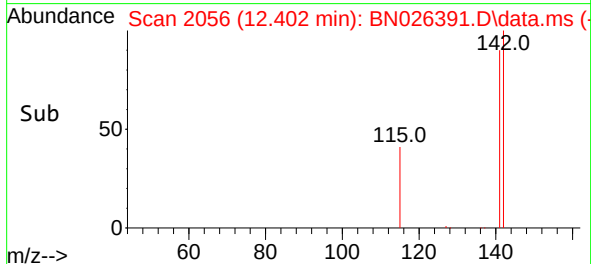
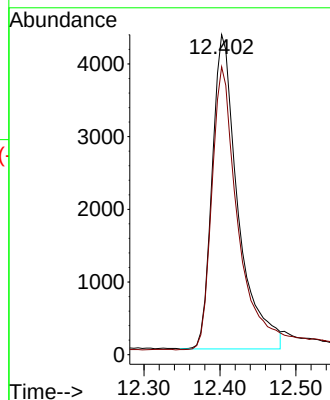
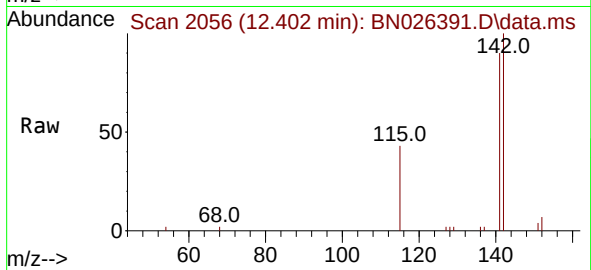




#7
2-Methylnaphthalene
Concen: 0.292 ng/ul
RT: 12.402 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BN026391.D
Acq: 08 Jul 2023 17:58

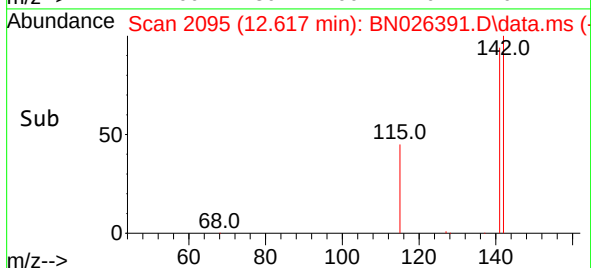
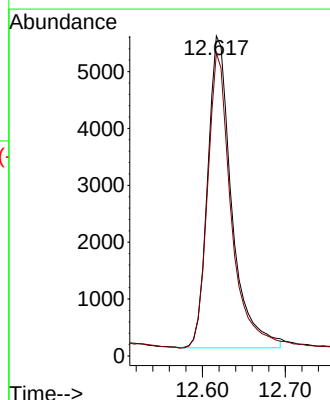
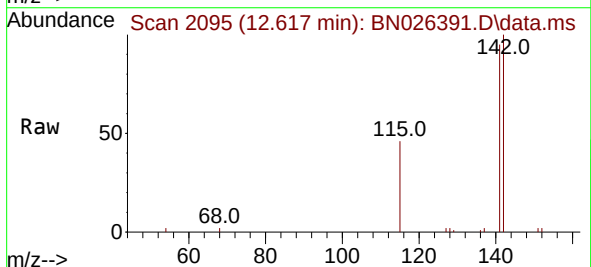
Instrument :
BNA_N
ClientSampleId :
SLCS848

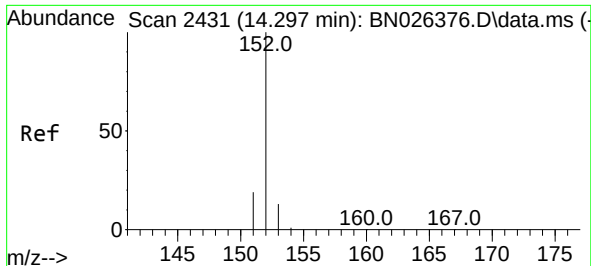
Tgt Ion:142 Resp: 10262
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.617 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BN026391.D
Acq: 08 Jul 2023 17:58

Tgt Ion:142 Resp: 11077
Ion Ratio Lower Upper
142 100
141 92.6 74.2 111.4

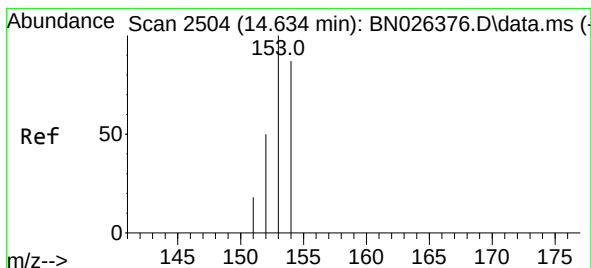
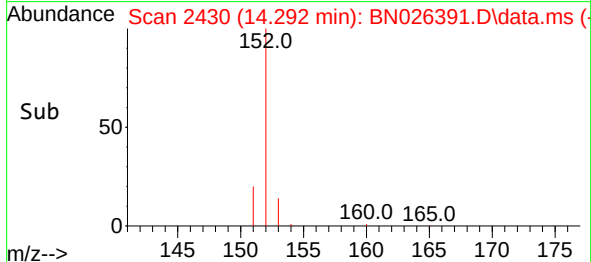
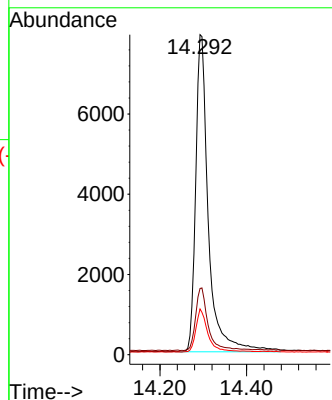
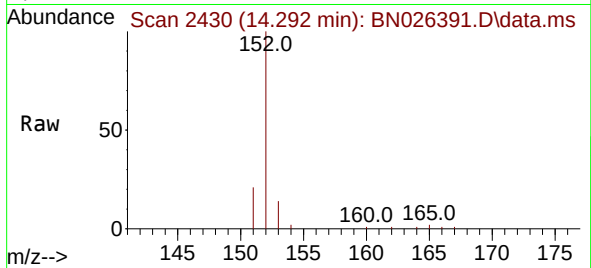




#10
Acenaphthylene
Concen: 0.370 ng/ul
RT: 14.292 min Scan# 2431
Delta R.T. -0.004 min
Lab File: BN026391.D
Acq: 08 Jul 2023 17:58

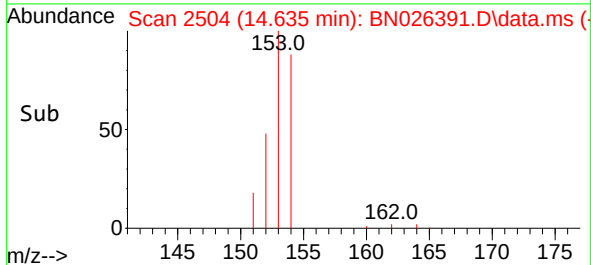
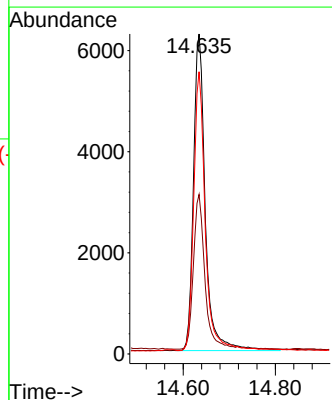
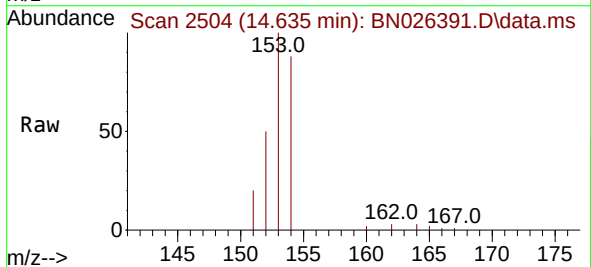
Instrument :
BNA_N
ClientSampleId :
SLCS848

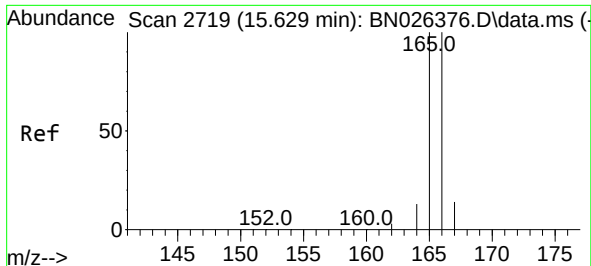
Tgt Ion:152 Resp: 16119
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 14.3 10.9 16.3



#11
Acenaphthene
Concen: 0.314 ng/ul
RT: 14.635 min Scan# 2504
Delta R.T. 0.000 min
Lab File: BN026391.D
Acq: 08 Jul 2023 17:58

Tgt Ion:153 Resp: 11166
Ion Ratio Lower Upper
153 100
152 49.8 39.4 59.0
154 88.2 68.9 103.3

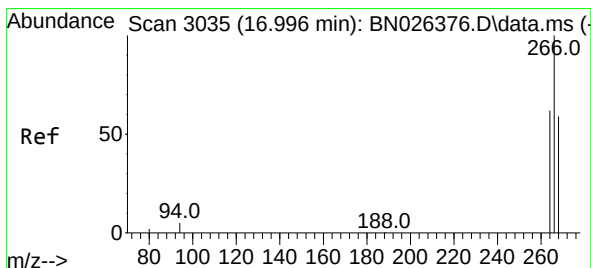
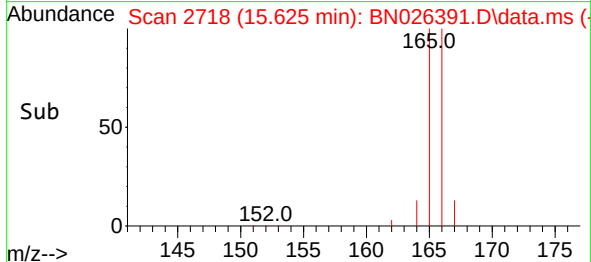
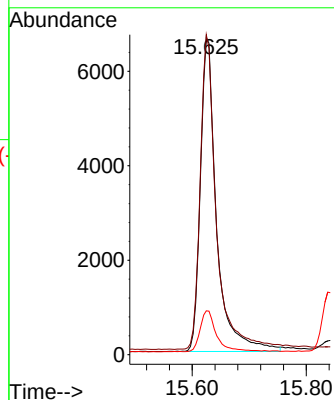
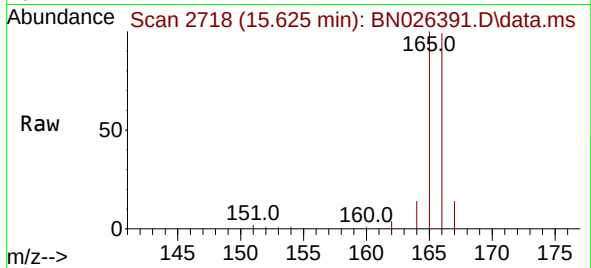




#12
Fluorene
Concen: 0.322 ng/ul
RT: 15.625 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN026391.D
Acq: 08 Jul 2023 17:58

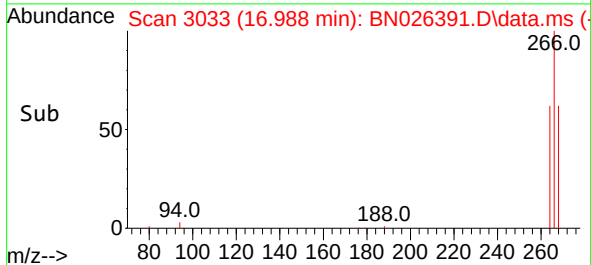
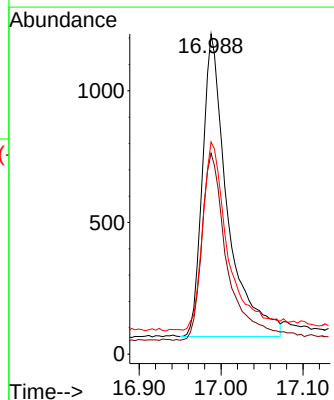
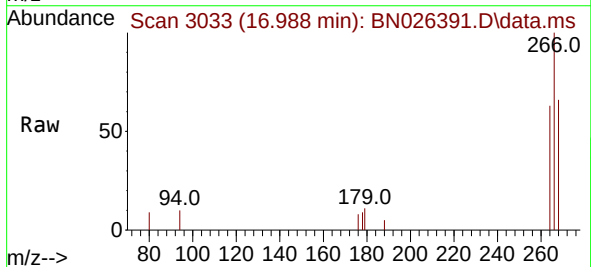
Instrument :
BNA_N
ClientSampleId :
SLCS848

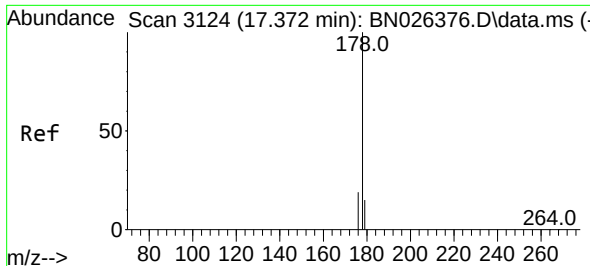
Tgt Ion:166 Resp: 13124
Ion Ratio Lower Upper
166 100
165 100.8 79.9 119.9
167 13.8 10.8 16.2



#14
Pentachlorophenol
Concen: 0.384 ng/ul
RT: 16.988 min Scan# 3033
Delta R.T. -0.008 min
Lab File: BN026391.D
Acq: 08 Jul 2023 17:58

Tgt Ion:266 Resp: 2425
Ion Ratio Lower Upper
266 100
264 63.0 50.5 75.7
268 63.4 51.6 77.4

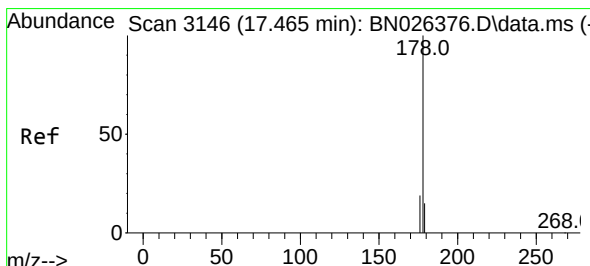
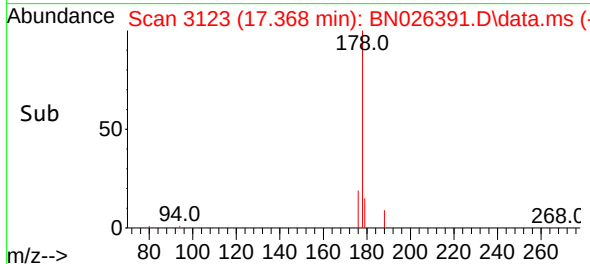
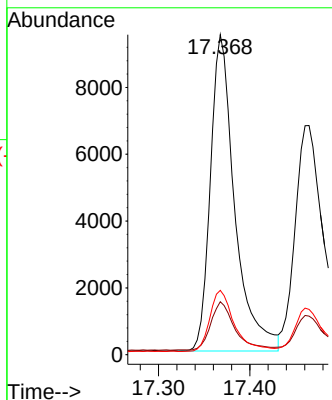
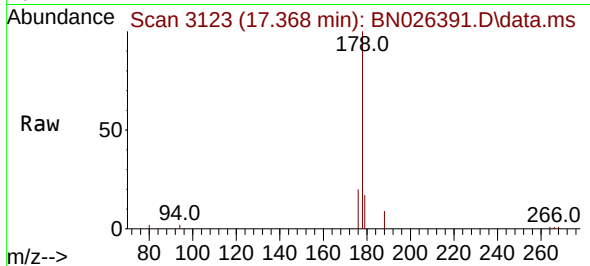




#15
Phenanthrene
Concen: 0.301 ng/u1
RT: 17.368 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BN026391.D
Acq: 08 Jul 2023 17:58

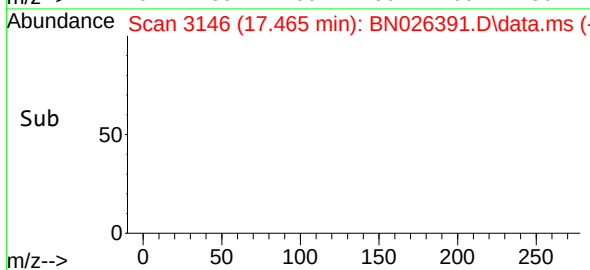
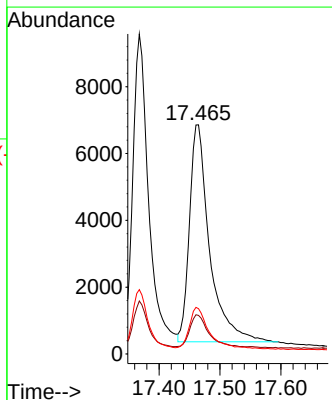
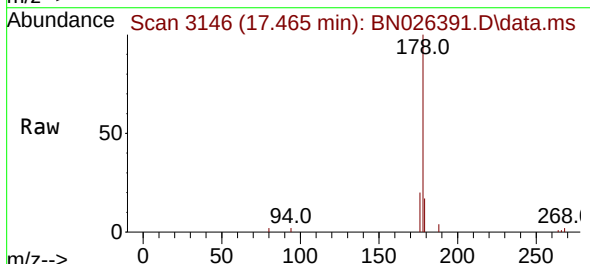
Instrument :
BNA_N
ClientSampleId :
SLCS848

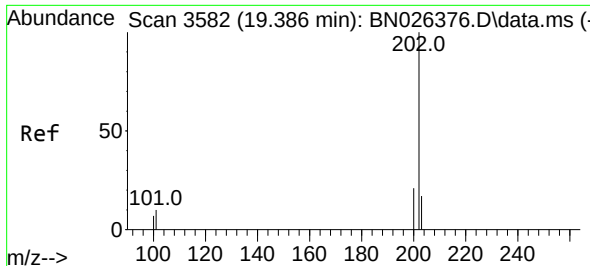
Tgt Ion:	178	Resp:	17531
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.6	19.0
176	20.1	15.8	23.6



#16
Anthracene
Concen: 0.289 ng/u1
RT: 17.465 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BN026391.D
Acq: 08 Jul 2023 17:58

Tgt Ion:	178	Resp:	14947
Ion Ratio	Lower	Upper	
178	100		
179	16.8	12.6	18.8
176	19.7	15.1	22.7

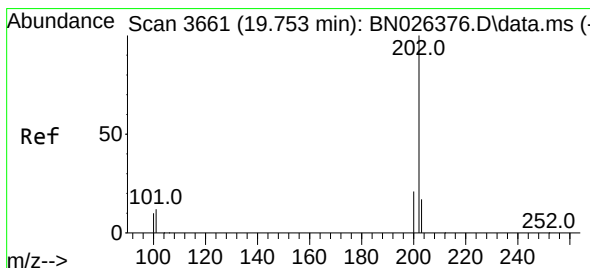
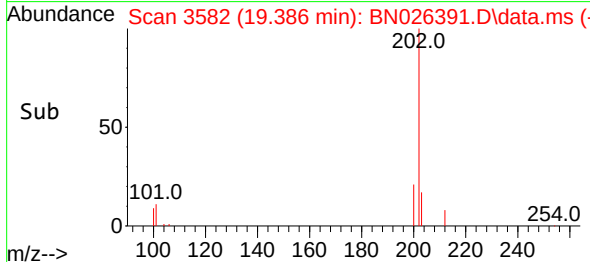
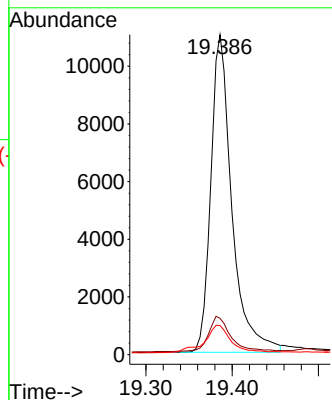
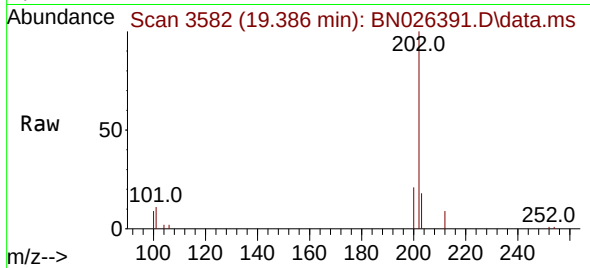




#19
Fluoranthene
Concen: 0.309 ng/ul
RT: 19.386 min Scan# 3582
Delta R.T. 0.000 min
Lab File: BN026391.D
Acq: 08 Jul 2023 17:58

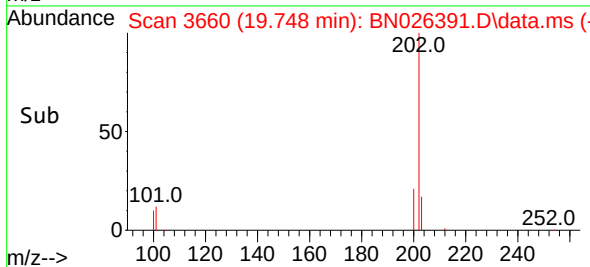
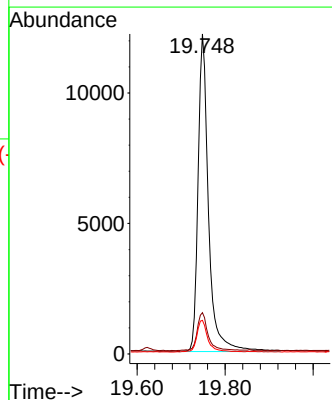
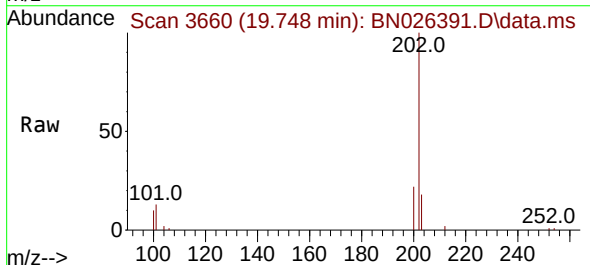
Instrument :
BNA_N
ClientSampleId :
SLCS848

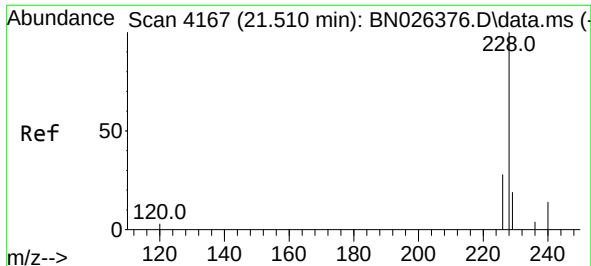
Tgt Ion:202 Resp: 18686
Ion Ratio Lower Upper
202 100
101 11.4 9.5 14.3
100 9.1 7.3 10.9



#20
Pyrene
Concen: 0.319 ng/ul
RT: 19.748 min Scan# 3660
Delta R.T. -0.005 min
Lab File: BN026391.D
Acq: 08 Jul 2023 17:58

Tgt Ion:202 Resp: 20082
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 10.5 9.1 13.7

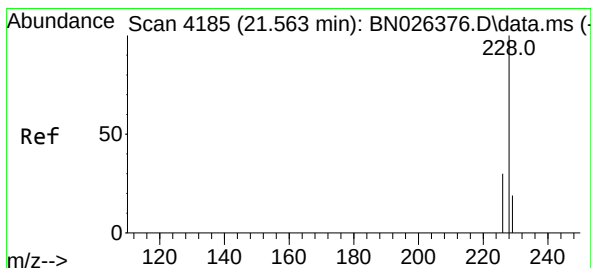
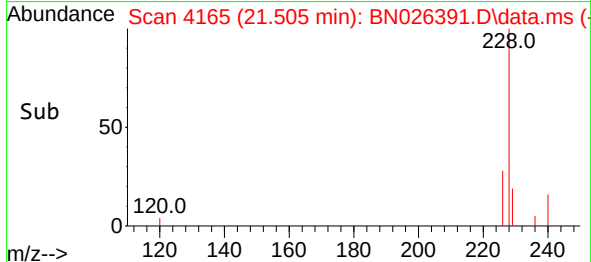
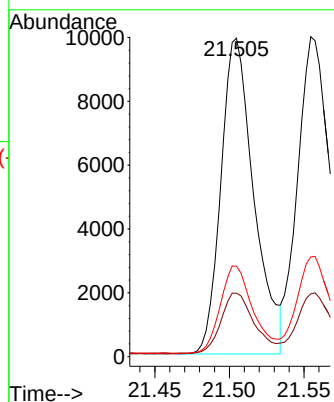
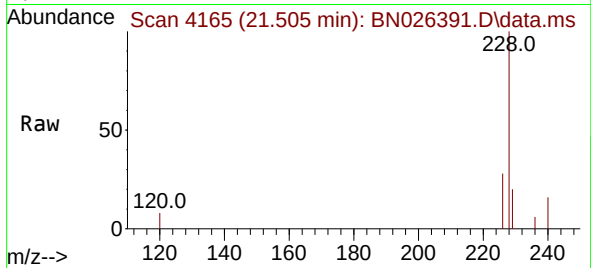




#21
Benzo(a)anthracene
Concen: 0.325 ng/ul
RT: 21.505 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BN026391.D
Acq: 08 Jul 2023 17:58

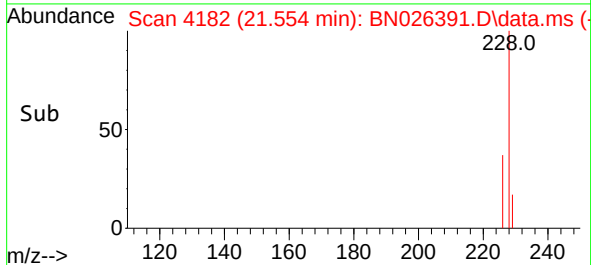
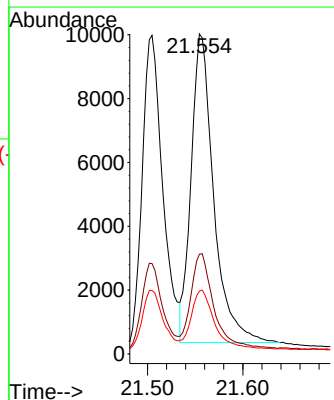
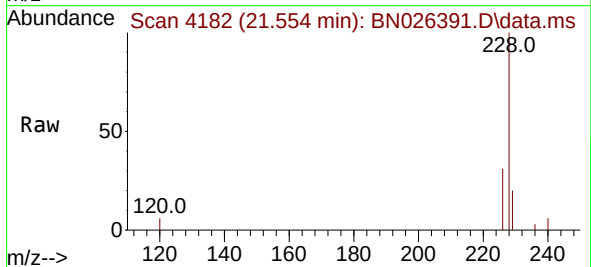
Instrument :
BNA_N
ClientSampleId :
SLCS848

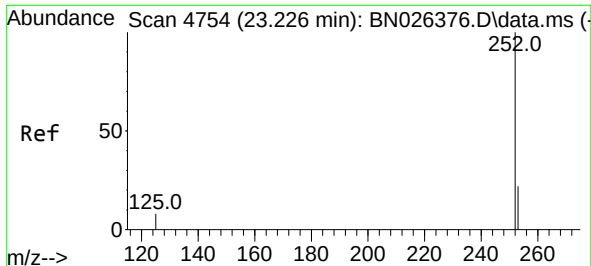
Tgt Ion:228 Resp: 15205
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.6
226 28.4 22.5 33.7



#22
Chrysene
Concen: 0.328 ng/ul
RT: 21.554 min Scan# 4182
Delta R.T. -0.009 min
Lab File: BN026391.D
Acq: 08 Jul 2023 17:58

Tgt Ion:228 Resp: 15951
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 19.7 15.7 23.5

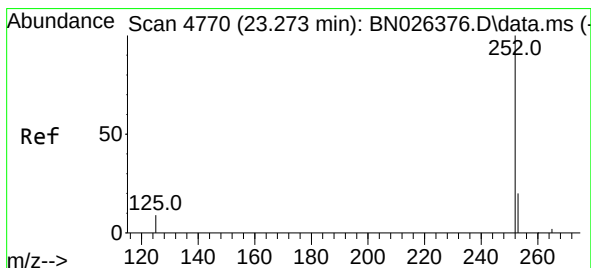
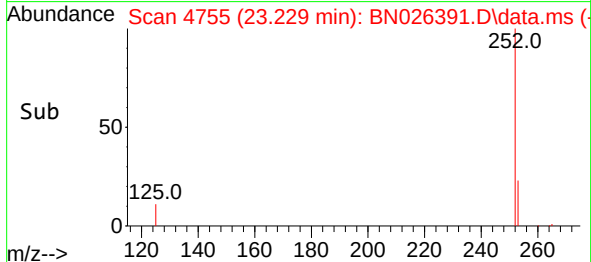
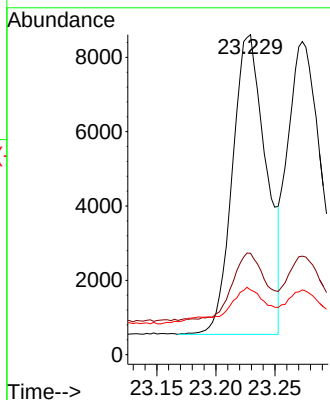
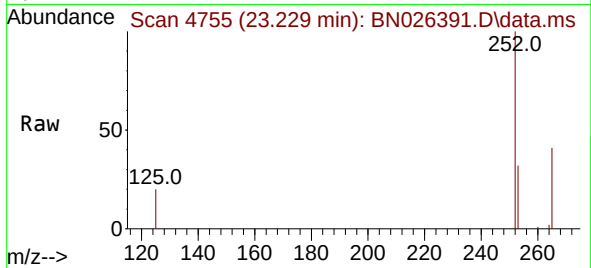




#24
Benzo(b)fluoranthene
Concen: 0.332 ng/ul
RT: 23.229 min Scan# 4755
Delta R.T. 0.003 min
Lab File: BN026391.D
Acq: 08 Jul 2023 17:58

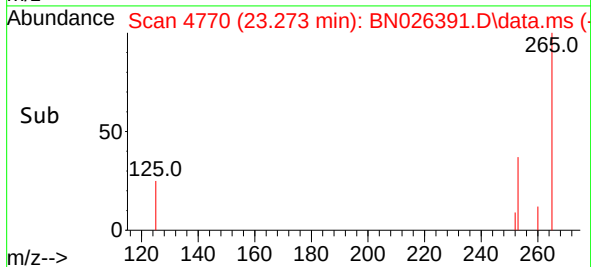
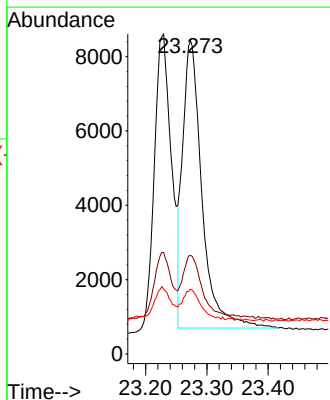
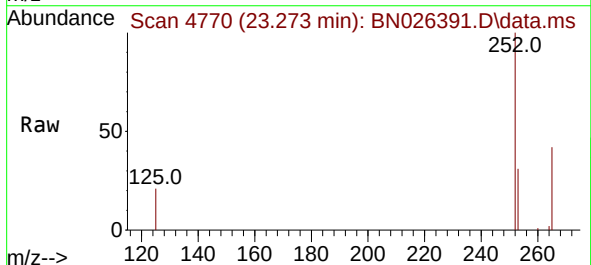
Instrument :
BNA_N
ClientSampleId :
SLCS848

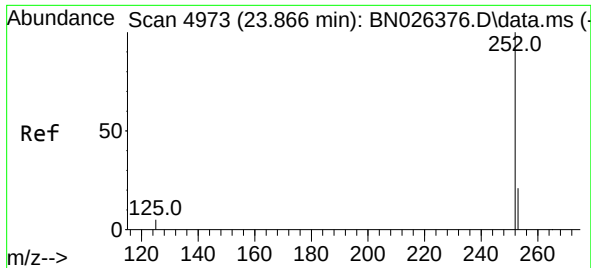
Tgt Ion:252 Resp: 15951
Ion Ratio Lower Upper
252 100
253 31.7 0.0 55.6
125 20.3 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul
RT: 23.273 min Scan# 4770
Delta R.T. 0.000 min
Lab File: BN026391.D
Acq: 08 Jul 2023 17:58

Tgt Ion:252 Resp: 16963
Ion Ratio Lower Upper
252 100
253 31.5 23.2 34.8
125 20.7 15.0 22.4

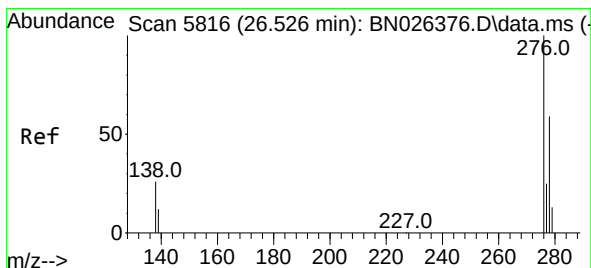
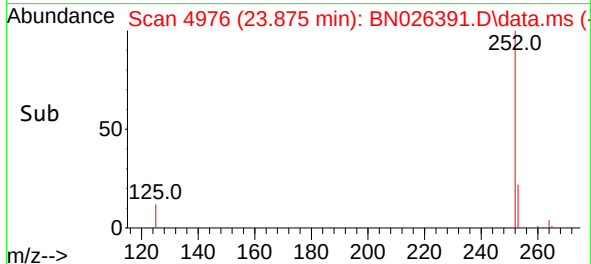
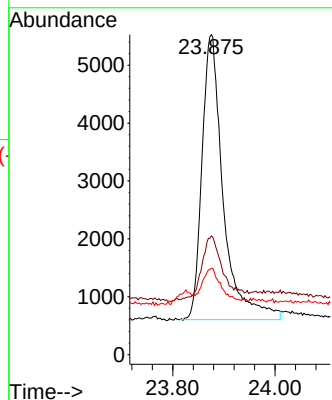
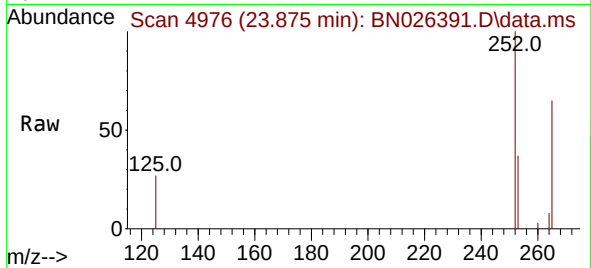




#26
Benzo(a)pyrene
Concen: 0.340 ng/ul
RT: 23.875 min Scan# 4973
Delta R.T. 0.009 min
Lab File: BN026391.D
Acq: 08 Jul 2023 17:58

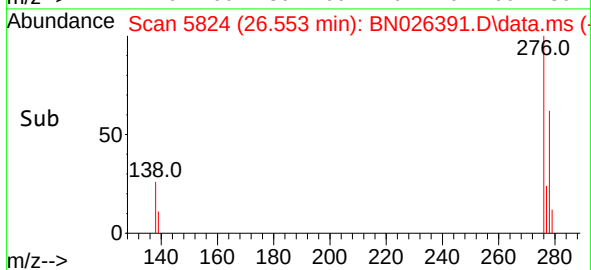
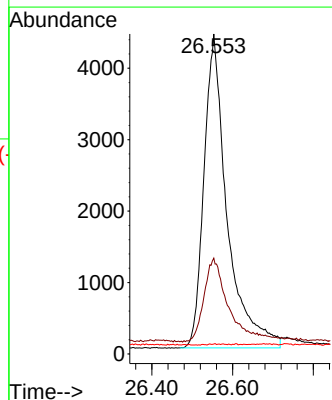
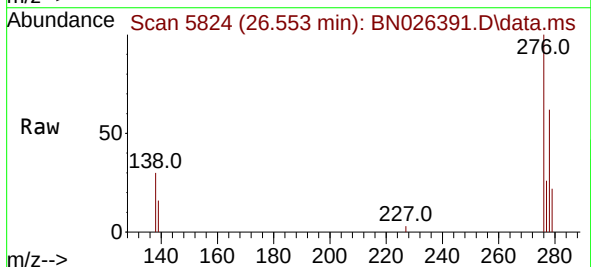
Instrument :
BNA_N
ClientSampleId :
SLCS848

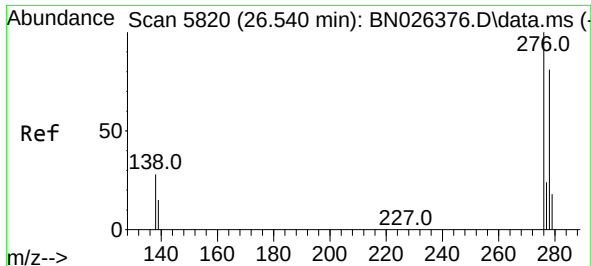
Tgt Ion:252 Resp: 14203
Ion Ratio Lower Upper
252 100
253 37.1 26.0 39.0
125 27.0 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng/ul
RT: 26.553 min Scan# 5824
Delta R.T. 0.027 min
Lab File: BN026391.D
Acq: 08 Jul 2023 17:58

Tgt Ion:276 Resp: 17449
Ion Ratio Lower Upper
276 100
138 28.7 24.5 36.7
227 0.1 0.0 0.0#

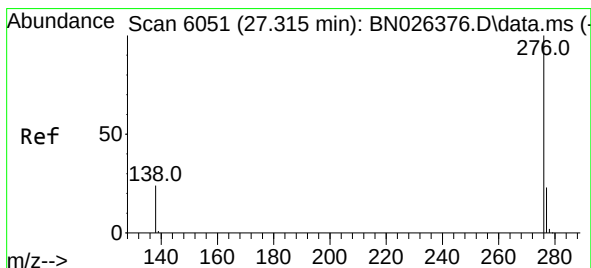
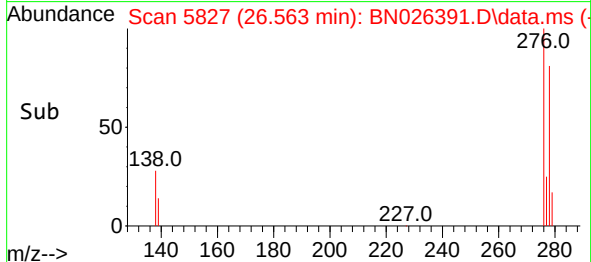
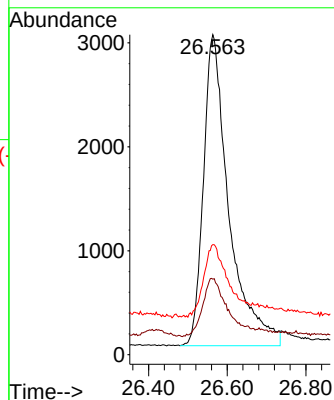
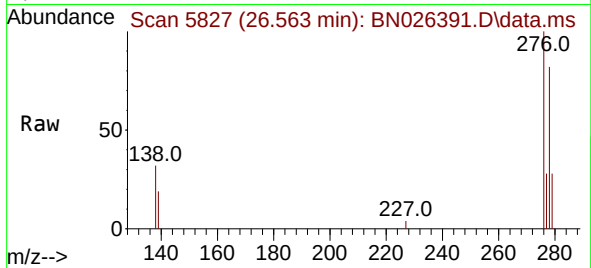




#28
Dibenzo(a,h)anthracene
Concen: 0.390 ng/ul
RT: 26.563 min Scan# 5827
Delta R.T. 0.024 min
Lab File: BN026391.D
Acq: 08 Jul 2023 17:58

Instrument :
BNA_N
ClientSampleId :
SLCS848

Tgt Ion:278 Resp: 13450
Ion Ratio Lower Upper
278 100
139 23.6 19.0 28.4
279 34.4 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.383 ng/ul
RT: 27.348 min Scan# 6061
Delta R.T. 0.034 min
Lab File: BN026391.D
Acq: 08 Jul 2023 17:58

Tgt Ion:276 Resp: 15528
Ion Ratio Lower Upper
276 100
138 28.0 23.4 35.0
277 26.5 20.0 30.0

