

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027081.D
 Acq On : 24 Aug 2023 03:39
 Operator : MA/JU
 Sample : PB155005BS
 Misc :
 ALS Vial : 103 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS005

Quant Time: Aug 24 04:06:51 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)

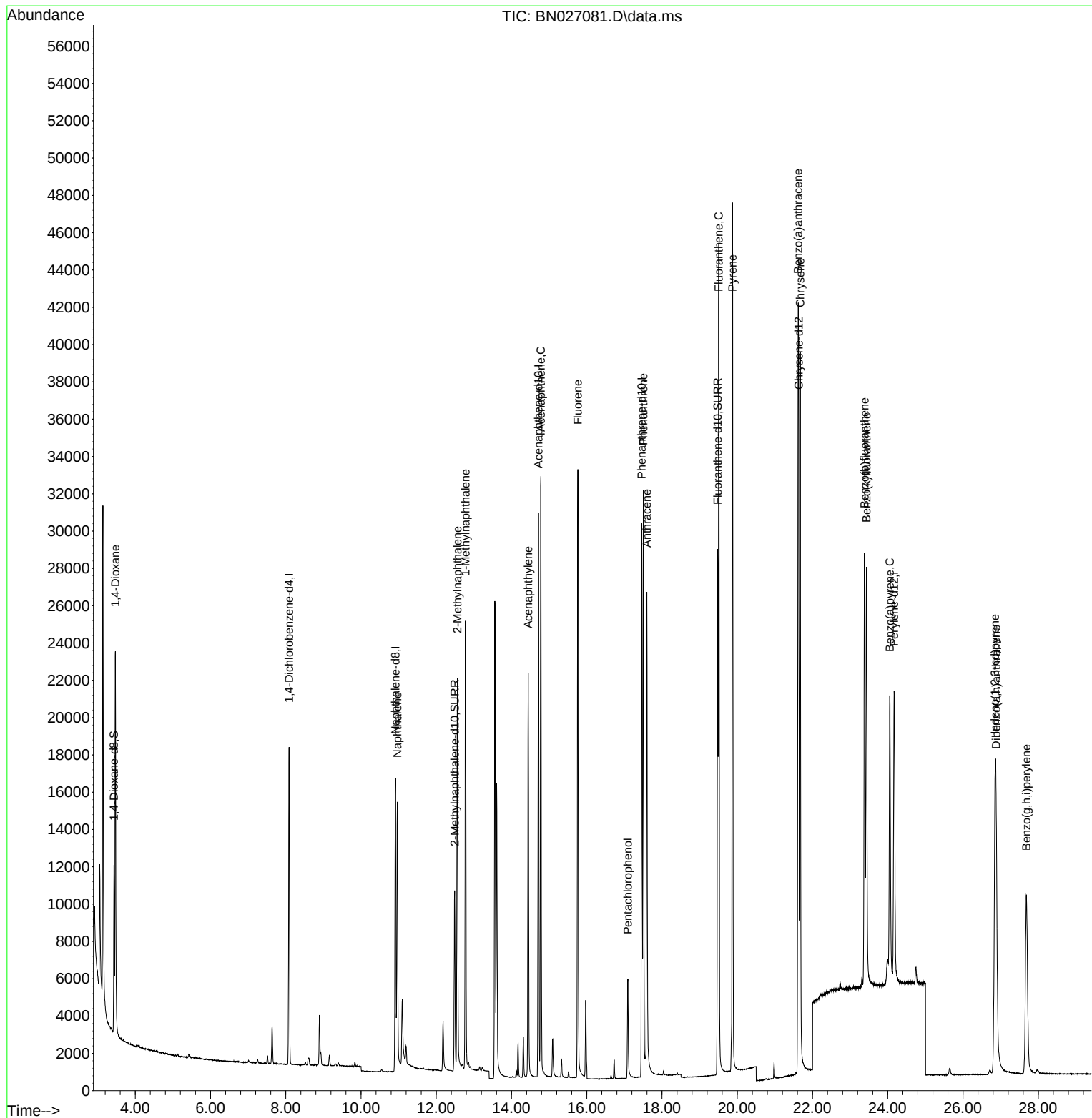
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	8645	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	24300	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.717	164	16985	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	36489	0.400	ng/ul	0.00
17) Chrysene-d12	21.635	240	28059	0.400	ng/ul	0.00
23) Perylene-d12	24.170	264	25073	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	6112	0.596	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	13367	0.374	ng/ul	0.00
18) Fluoranthene-d10	19.478	212	31231	0.352	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.473	88	15048	1.436	ng/ul#	92
5) Naphthalene	10.966	128	20790	0.303	ng/ul	100
7) 2-Methylnaphthalene	12.560	142	15672	0.377	ng/ul	100
8) 1-Methylnaphthalene	12.775	142	16821	0.386	ng/ul	99
10) Acenaphthylene	14.444	152	25163	0.264	ng/ul	99
11) Acenaphthene	14.781	153	19438	0.295	ng/ul	99
12) Fluorene	15.762	166	21558	0.289	ng/ul	99
14) Pentachlorophenol	17.092	266	3969	0.384	ng/ul	100
15) Phenanthrene	17.506	178	35026	0.292	ng/ul	100
16) Anthracene	17.599	178	30235	0.279	ng/ul	100
19) Fluoranthene	19.510	202	40180	0.345	ng/ul	98
20) Pyrene	19.873	202	41440	0.333	ng/ul	99
21) Benzo(a)anthracene	21.618	228	34435	0.309	ng/ul	99
22) Chrysene	21.673	228	35658	0.324	ng/ul	99
24) Benzo(b)fluoranthene	23.383	252	33530	0.354	ng/ul	97
25) Benzo(k)fluoranthene	23.433	252	33144	0.354	ng/ul#	95
26) Benzo(a)pyrene	24.053	252	27265	0.319	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.851	276	30868	0.276	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.881	278	24396	0.273	ng/ul	98
29) Benzo(g,h,i)perylene	27.682	276	25711	0.276	ng/ul	98

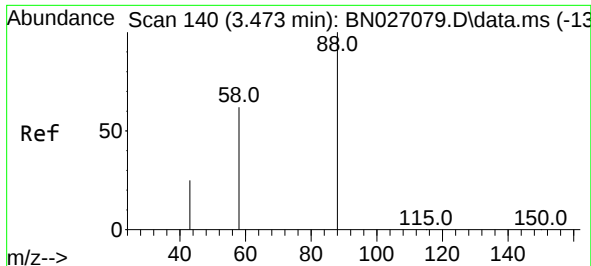
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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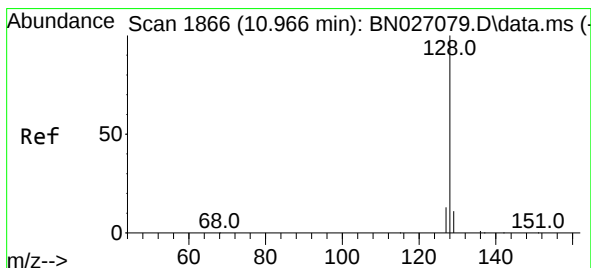
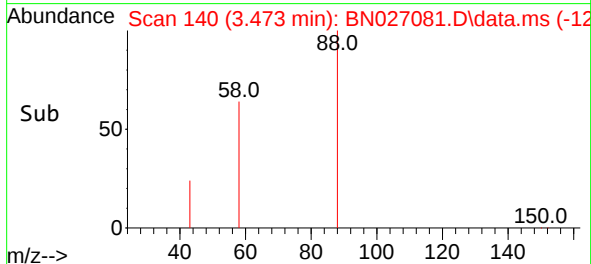
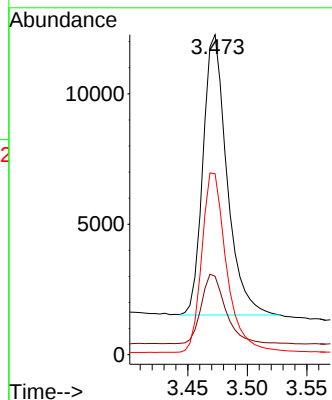
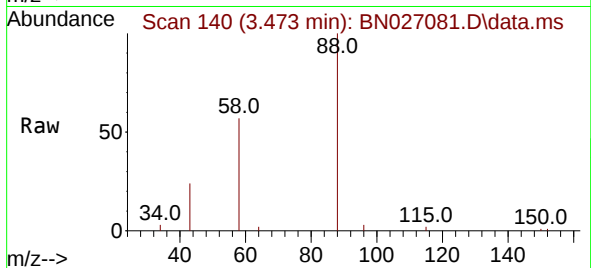




#2
1,4-Dioxane
Concen: 1.436 ng/ul
RT: 3.473 min Scan# 140
Delta R.T. -0.004 min
Lab File: BN027081.D
Acq: 24 Aug 2023 03:39

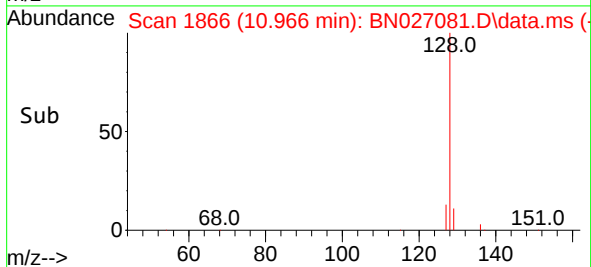
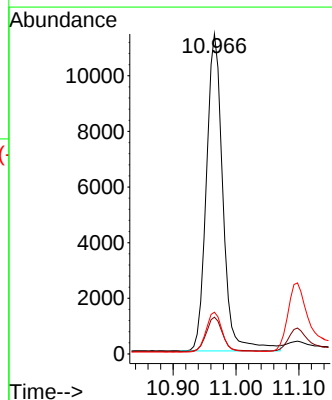
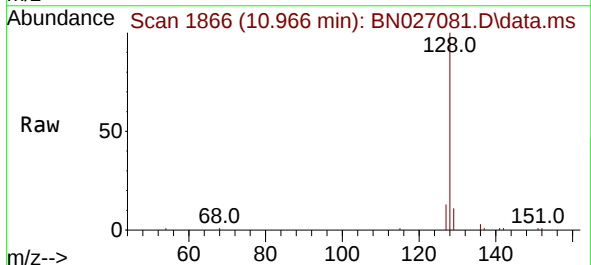
Instrument :
BNA_N
ClientSampleId :
SLCS005

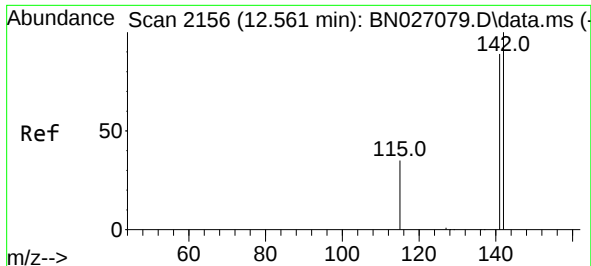
Tgt Ion: 88 Resp: 15048
Ion Ratio Lower Upper
88 100
43 24.5 28.0 42.0#
58 56.6 46.0 69.0



#5
Naphthalene
Concen: 0.303 ng/ul
RT: 10.966 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BN027081.D
Acq: 24 Aug 2023 03:39

Tgt Ion: 128 Resp: 20790
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.1 10.5 15.7

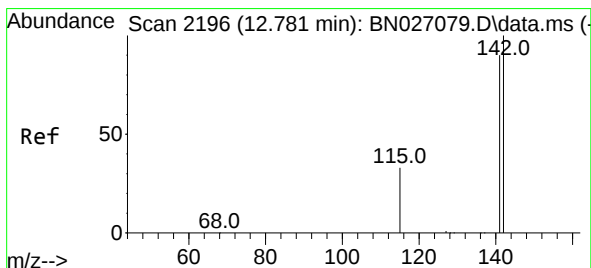
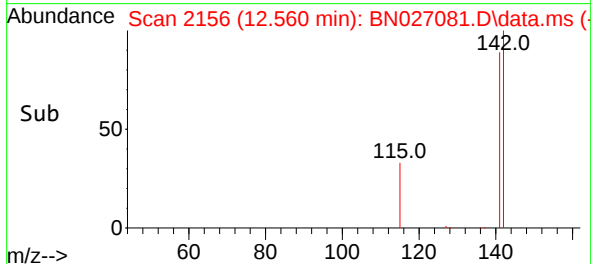
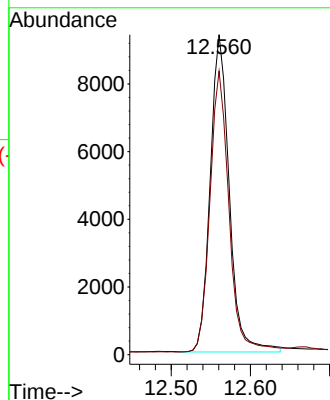
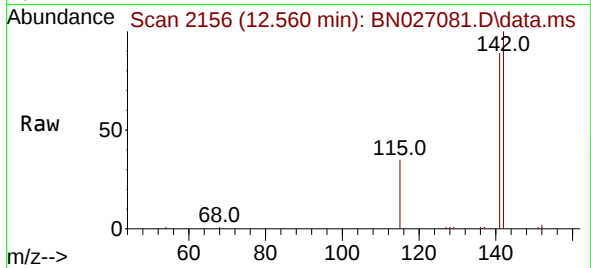




#7
2-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.560 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BN027081.D
Acq: 24 Aug 2023 03:39

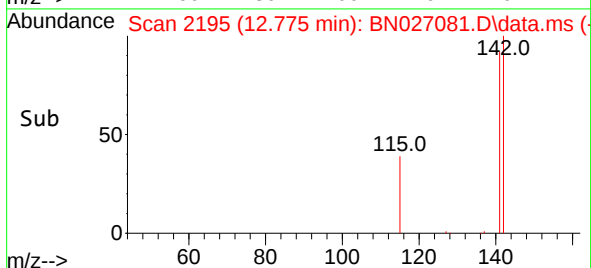
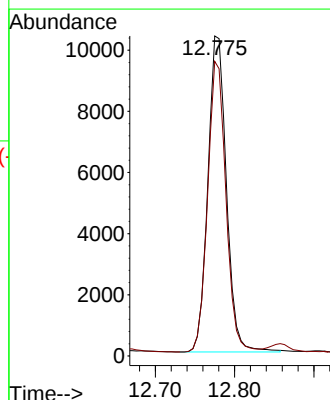
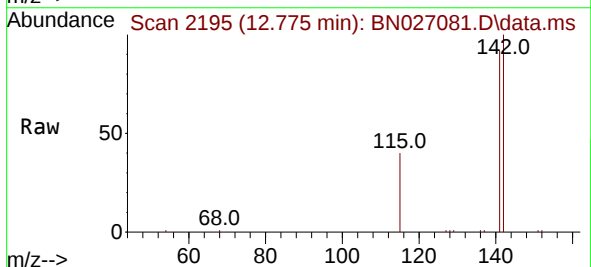
Instrument :
BNA_N
ClientSampleId :
SLCS005

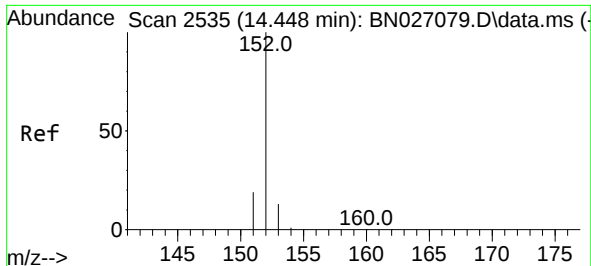
Tgt Ion:142 Resp: 15672
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.775 min Scan# 2195
Delta R.T. -0.011 min
Lab File: BN027081.D
Acq: 24 Aug 2023 03:39

Tgt Ion:142 Resp: 16821
Ion Ratio Lower Upper
142 100
141 90.6 73.2 109.8

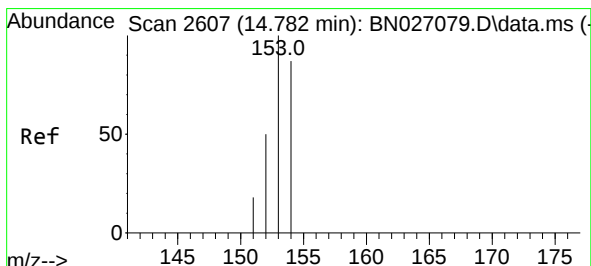
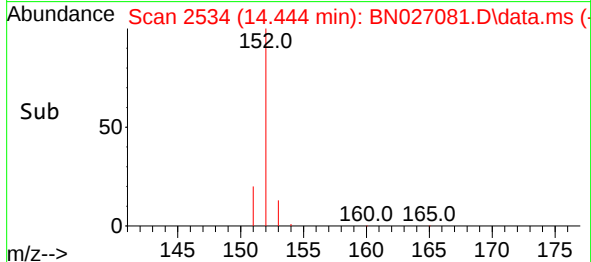
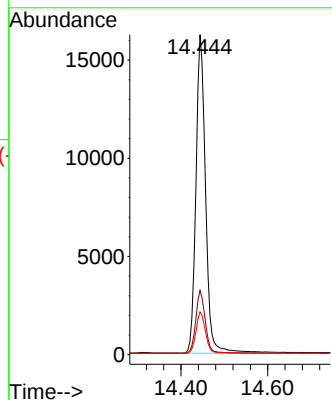
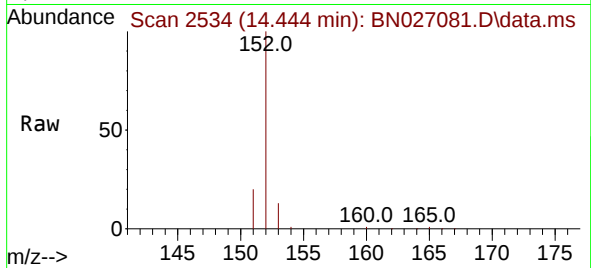




#10
Acenaphthylene
Concen: 0.264 ng/ul
RT: 14.444 min Scan# 2534
Delta R.T. -0.009 min
Lab File: BN027081.D
Acq: 24 Aug 2023 03:39

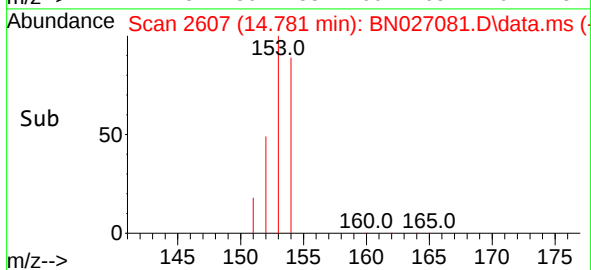
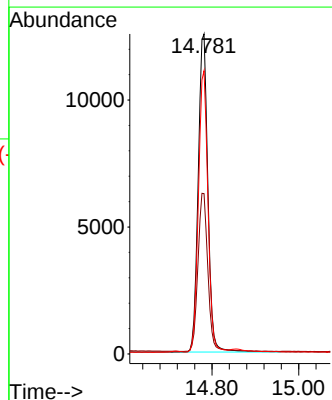
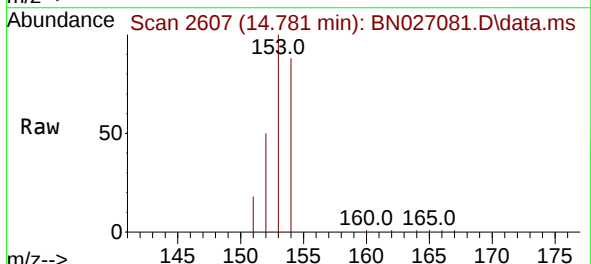
Instrument :
BNA_N
ClientSampleId :
SLCS005

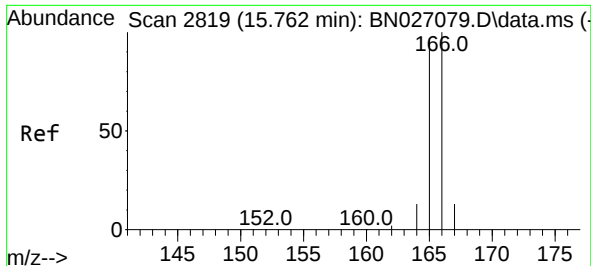
Tgt Ion:152 Resp: 25163
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.4 11.0 16.6



#11
Acenaphthene
Concen: 0.295 ng/ul
RT: 14.781 min Scan# 2607
Delta R.T. -0.005 min
Lab File: BN027081.D
Acq: 24 Aug 2023 03:39

Tgt Ion:153 Resp: 19438
Ion Ratio Lower Upper
153 100
152 50.1 41.1 61.7
154 88.5 71.6 107.4

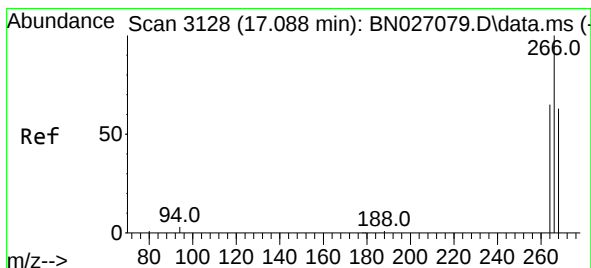
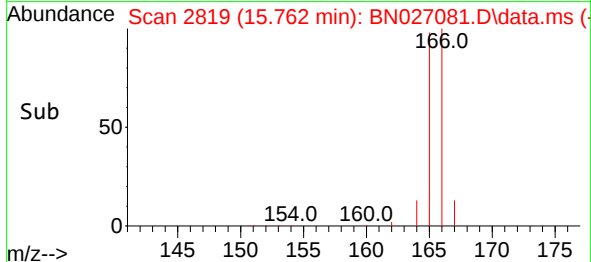
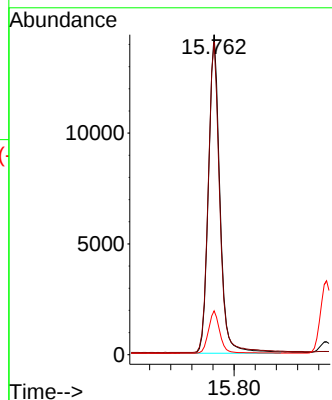
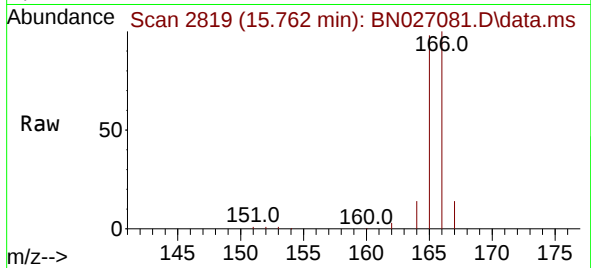




#12
Fluorene
Concen: 0.289 ng/ul
RT: 15.762 min Scan# 21558
Delta R.T. -0.005 min
Lab File: BN027081.D
Acq: 24 Aug 2023 03:39

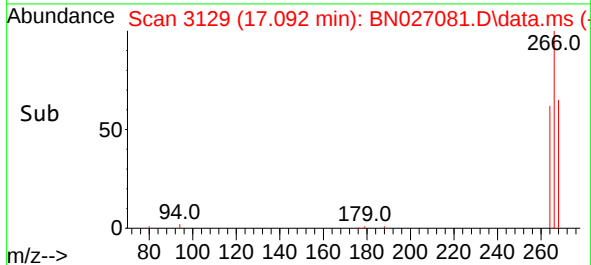
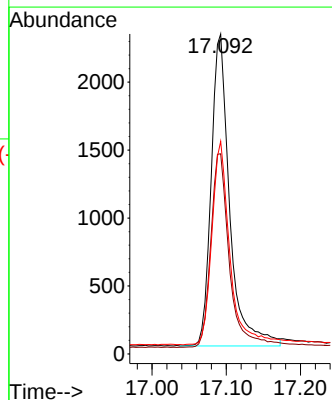
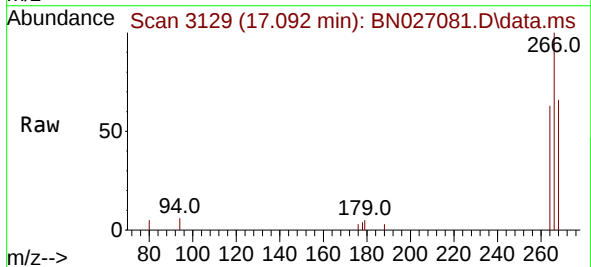
Instrument :
BNA_N
ClientSampleId :
SLCS005

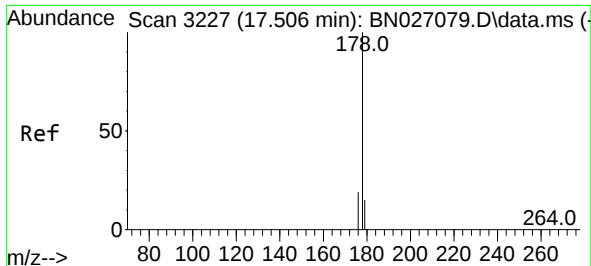
Tgt Ion:	166	Resp:	21558
Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.1	118.7
167	13.7	11.4	17.0



#14
Pentachlorophenol
Concen: 0.384 ng/ul
RT: 17.092 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BN027081.D
Acq: 24 Aug 2023 03:39

Tgt Ion:	266	Resp:	3969
Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.4	75.6
268	64.1	51.2	76.8

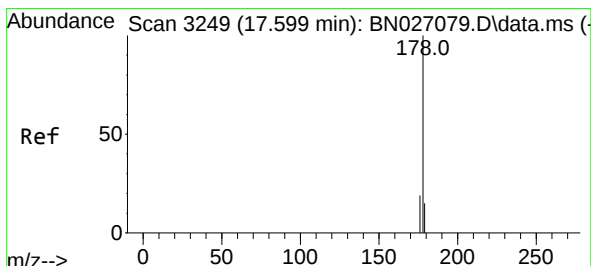
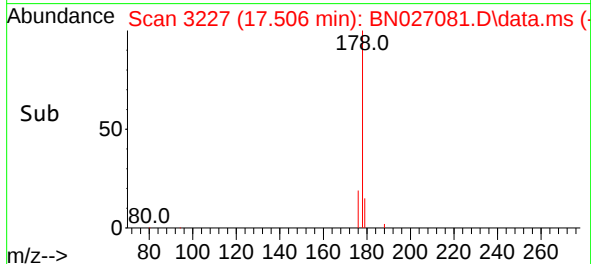
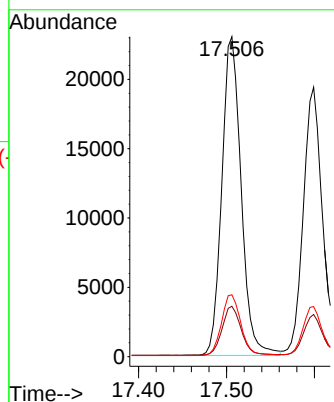
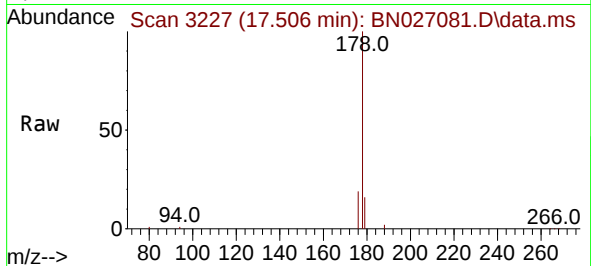




#15
Phenanthrene
Concen: 0.292 ng/ul
RT: 17.506 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027081.D
Acq: 24 Aug 2023 03:39

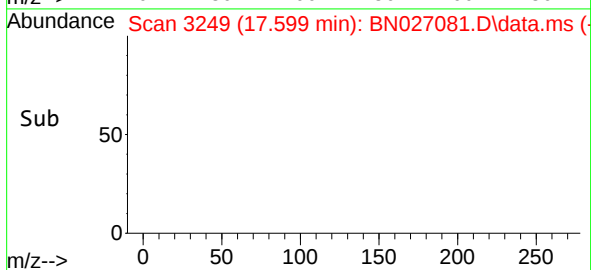
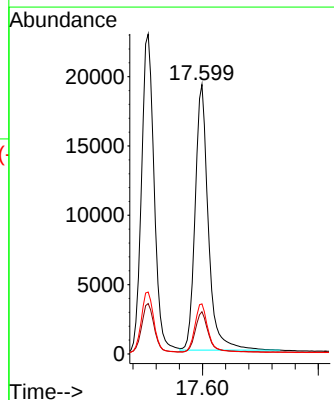
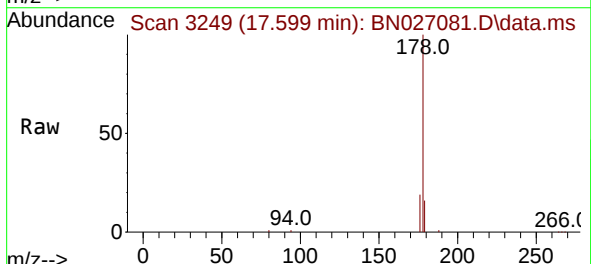
Instrument :
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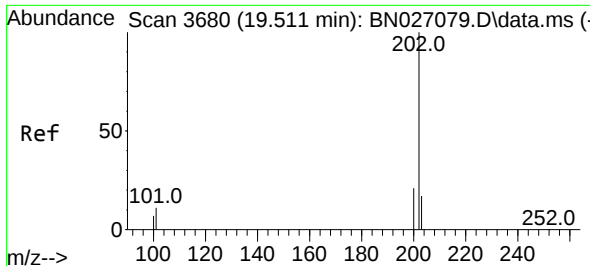
Tgt Ion:178	Resp:	35026
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.6 18.8
176	19.4	15.4 23.2



#16
Anthracene
Concen: 0.279 ng/ul
RT: 17.599 min Scan# 3249
Delta R.T. -0.004 min
Lab File: BN027081.D
Acq: 24 Aug 2023 03:39

Tgt Ion:178	Resp:	30235
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.6 19.0
176	18.6	15.0 22.6

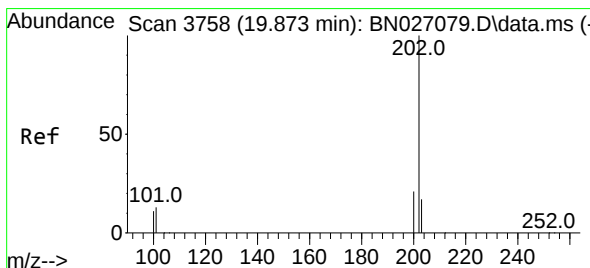
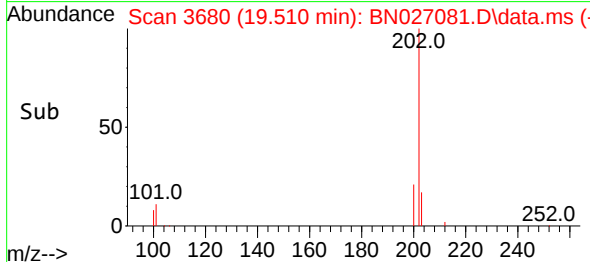
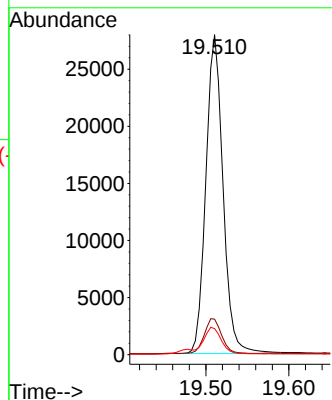
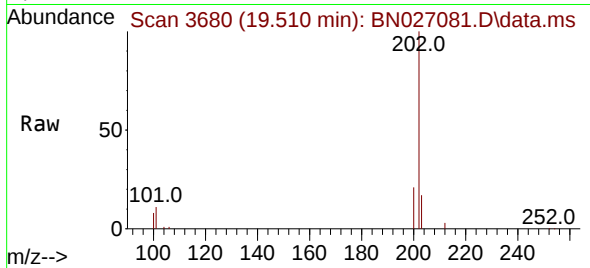




#19
Fluoranthene
Concen: 0.345 ng/ul
RT: 19.510 min Scan# 3680
Delta R.T. -0.005 min
Lab File: BN027081.D
Acq: 24 Aug 2023 03:39

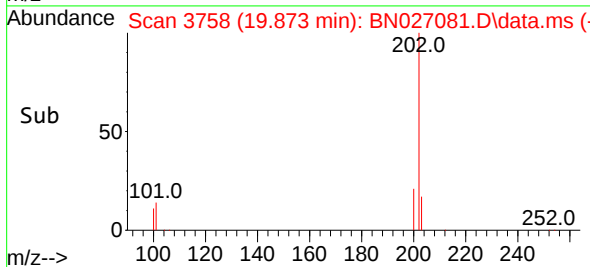
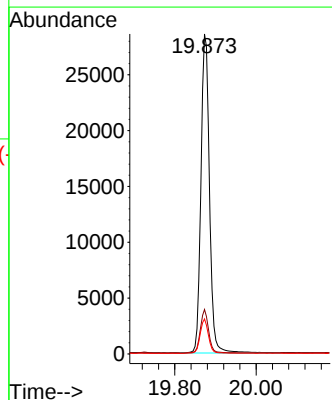
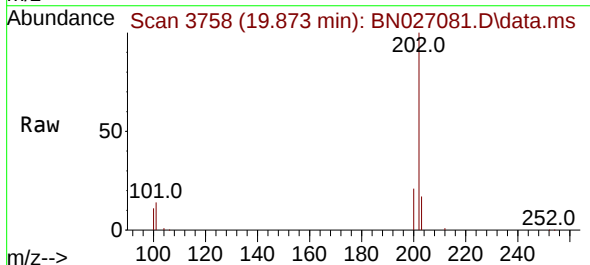
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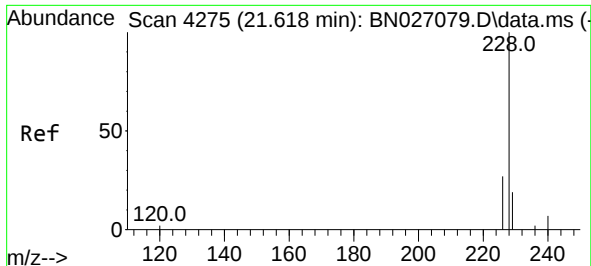
Tgt Ion:202 Resp: 40180
Ion Ratio Lower Upper
202 100
101 11.1 8.3 12.5
100 8.2 6.2 9.2



#20
Pyrene
Concen: 0.333 ng/ul
RT: 19.873 min Scan# 3758
Delta R.T. -0.009 min
Lab File: BN027081.D
Acq: 24 Aug 2023 03:39

Tgt Ion:202 Resp: 41440
Ion Ratio Lower Upper
202 100
101 13.9 10.7 16.1
100 10.9 8.5 12.7

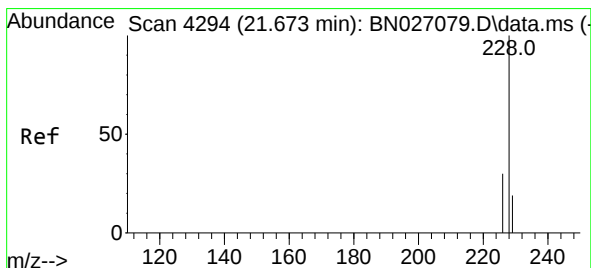
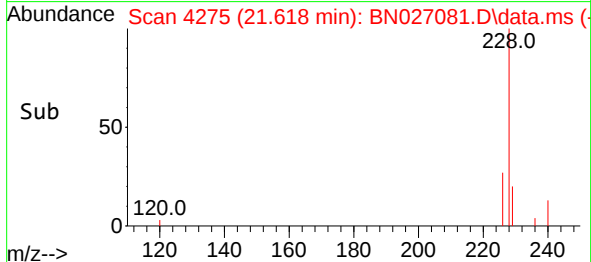
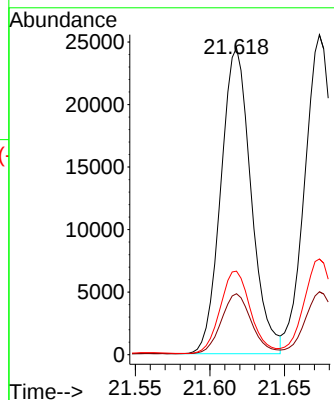
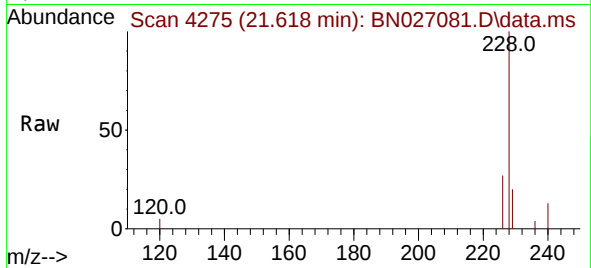




#21
Benzo(a)anthracene
Concen: 0.309 ng/ul
RT: 21.618 min Scan# 4275
Delta R.T. -0.003 min
Lab File: BN027081.D
Acq: 24 Aug 2023 03:39

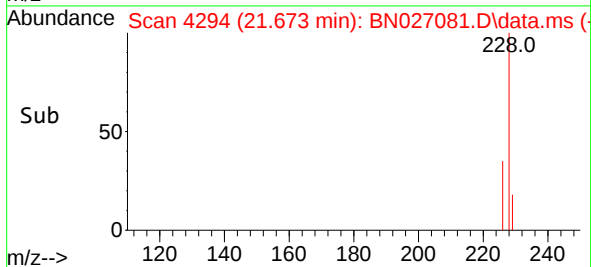
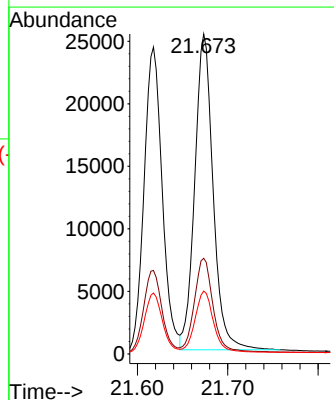
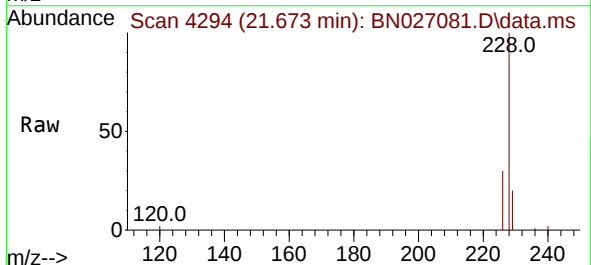
Instrument :
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ClientSampleId :
SLCS005

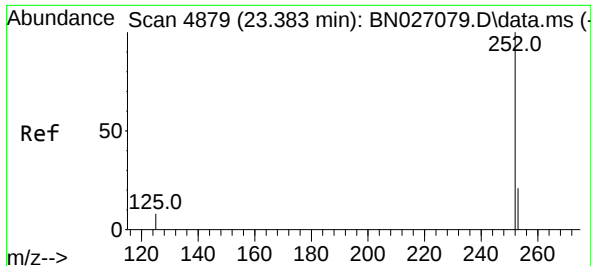
Tgt Ion:228 Resp: 34435
Ion Ratio Lower Upper
228 100
229 19.9 16.0 24.0
226 27.2 22.2 33.2



#22
Chrysene
Concen: 0.324 ng/ul
RT: 21.673 min Scan# 4294
Delta R.T. -0.003 min
Lab File: BN027081.D
Acq: 24 Aug 2023 03:39

Tgt Ion:228 Resp: 35658
Ion Ratio Lower Upper
228 100
226 29.9 24.6 36.8
229 19.6 15.8 23.6

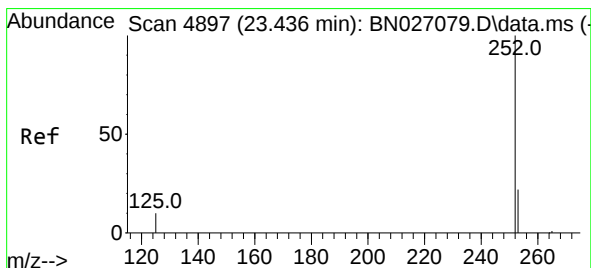
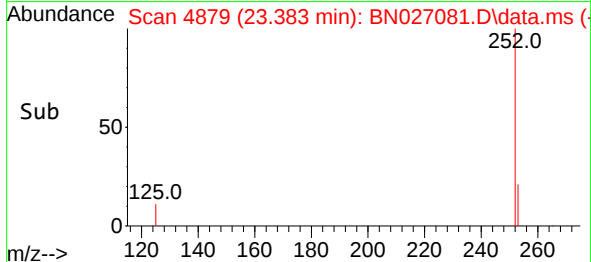
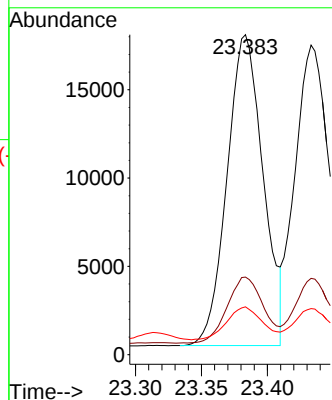
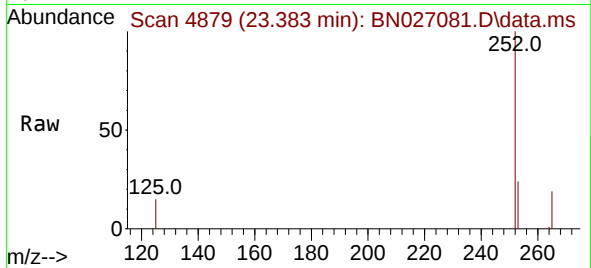




#24
Benzo(b)fluoranthene
Concen: 0.354 ng/ul
RT: 23.383 min Scan# 4879
Delta R.T. -0.003 min
Lab File: BN027081.D
Acq: 24 Aug 2023 03:39

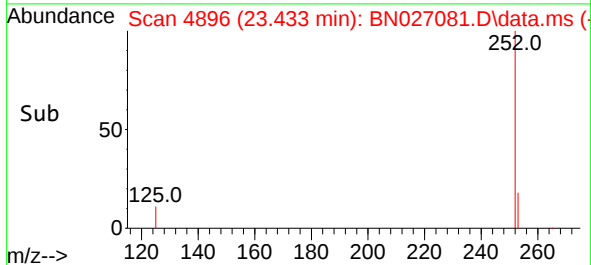
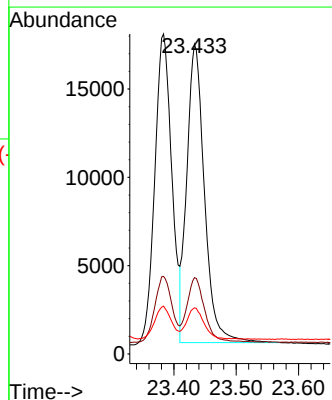
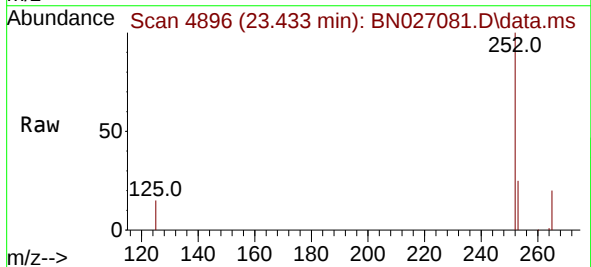
Instrument :
BNA_N
ClientSampleId :
SLCS005

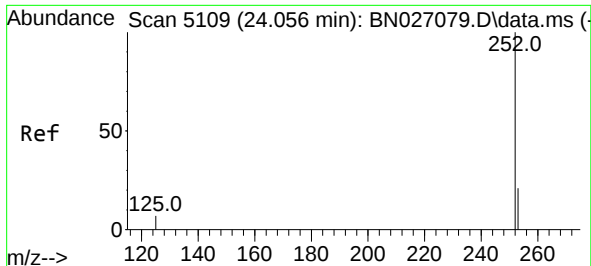
Tgt Ion:252 Resp: 33530
Ion Ratio Lower Upper
252 100
253 24.2 0.0 46.8
125 14.9 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.354 ng/ul
RT: 23.433 min Scan# 4896
Delta R.T. -0.006 min
Lab File: BN027081.D
Acq: 24 Aug 2023 03:39

Tgt Ion:252 Resp: 33144
Ion Ratio Lower Upper
252 100
253 24.7 18.2 27.4
125 14.9 9.9 14.9#

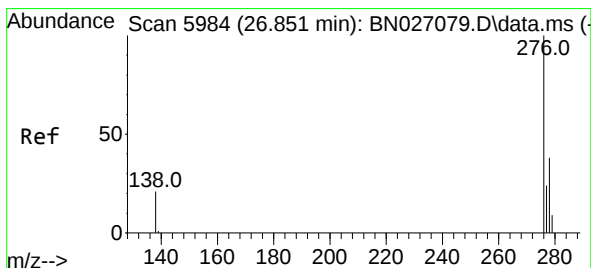
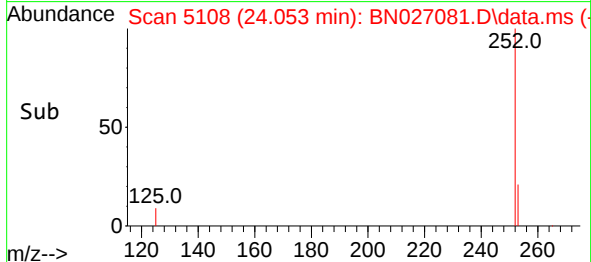
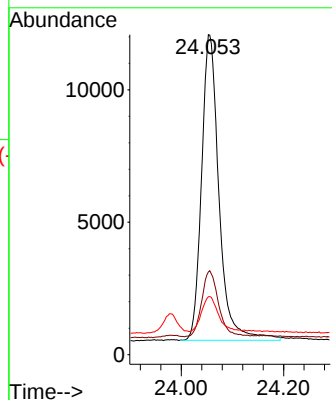
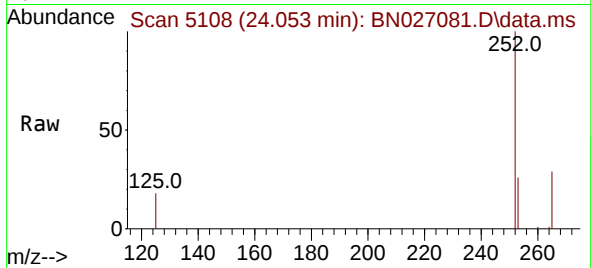




#26
Benzo(a)pyrene
Concen: 0.319 ng/ul
RT: 24.053 min Scan# 5109
Delta R.T. -0.009 min
Lab File: BN027081.D
Acq: 24 Aug 2023 03:39

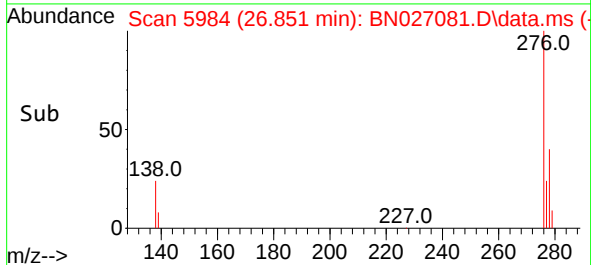
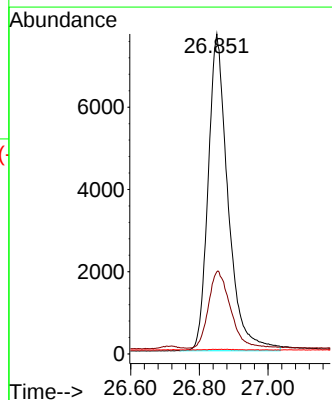
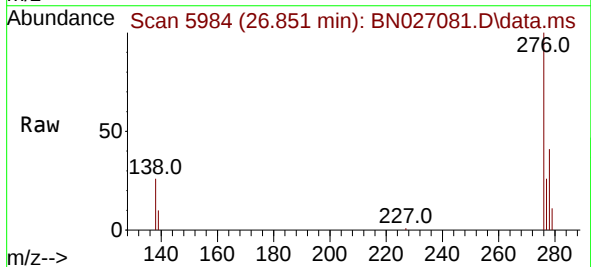
Instrument :
BNA_N
ClientSampleId :
SLCS005

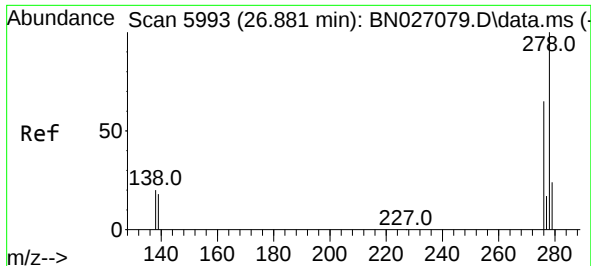
Tgt Ion:252 Resp: 27265
Ion Ratio Lower Upper
252 100
253 25.8 19.0 28.6
125 18.1 11.4 17.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.276 ng/ul
RT: 26.851 min Scan# 5984
Delta R.T. -0.003 min
Lab File: BN027081.D
Acq: 24 Aug 2023 03:39

Tgt Ion:276 Resp: 30868
Ion Ratio Lower Upper
276 100
138 27.1 21.6 32.4
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.273 ng/ul

RT: 26.881 min Scan# 5993

Delta R.T. -0.003 min

Lab File: BN027081.D

Acq: 24 Aug 2023 03:39

Instrument :

BNA_N

ClientSampleId :

SLCS005

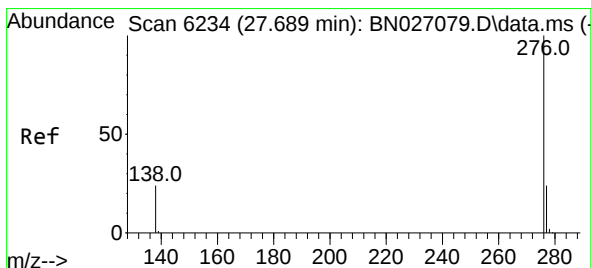
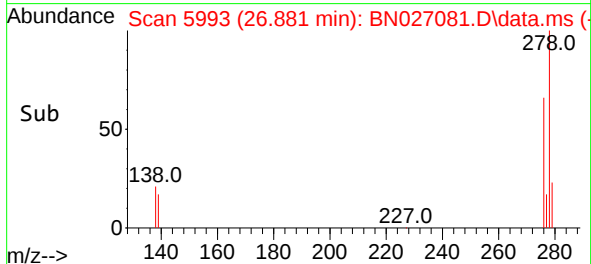
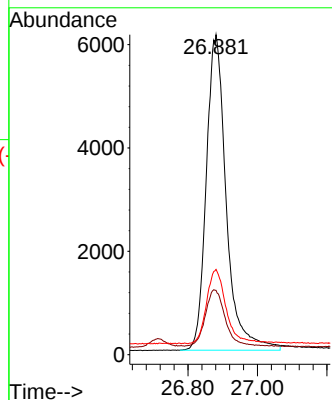
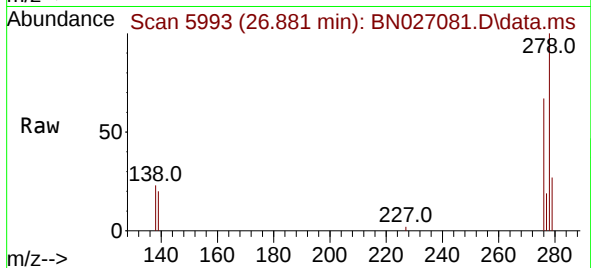
Tgt Ion:278 Resp: 24396

Ion Ratio Lower Upper

278 100

139 20.1 15.7 23.5

279 26.6 20.2 30.4



#29

Benzo(g,h,i)perylene

Concen: 0.276 ng/ul

RT: 27.682 min Scan# 6232

Delta R.T. -0.014 min

Lab File: BN027081.D

Acq: 24 Aug 2023 03:39

Tgt Ion:276 Resp: 25711

Ion Ratio Lower Upper

276 100

138 25.1 19.3 28.9

277 25.6 19.8 29.8

