

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072623\
 Data File : BN026759.D
 Acq On : 26 Jul 2023 16:46
 Operator : MA/JU
 Sample : PB154053BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS053

Quant Time: Jul 26 20:21:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

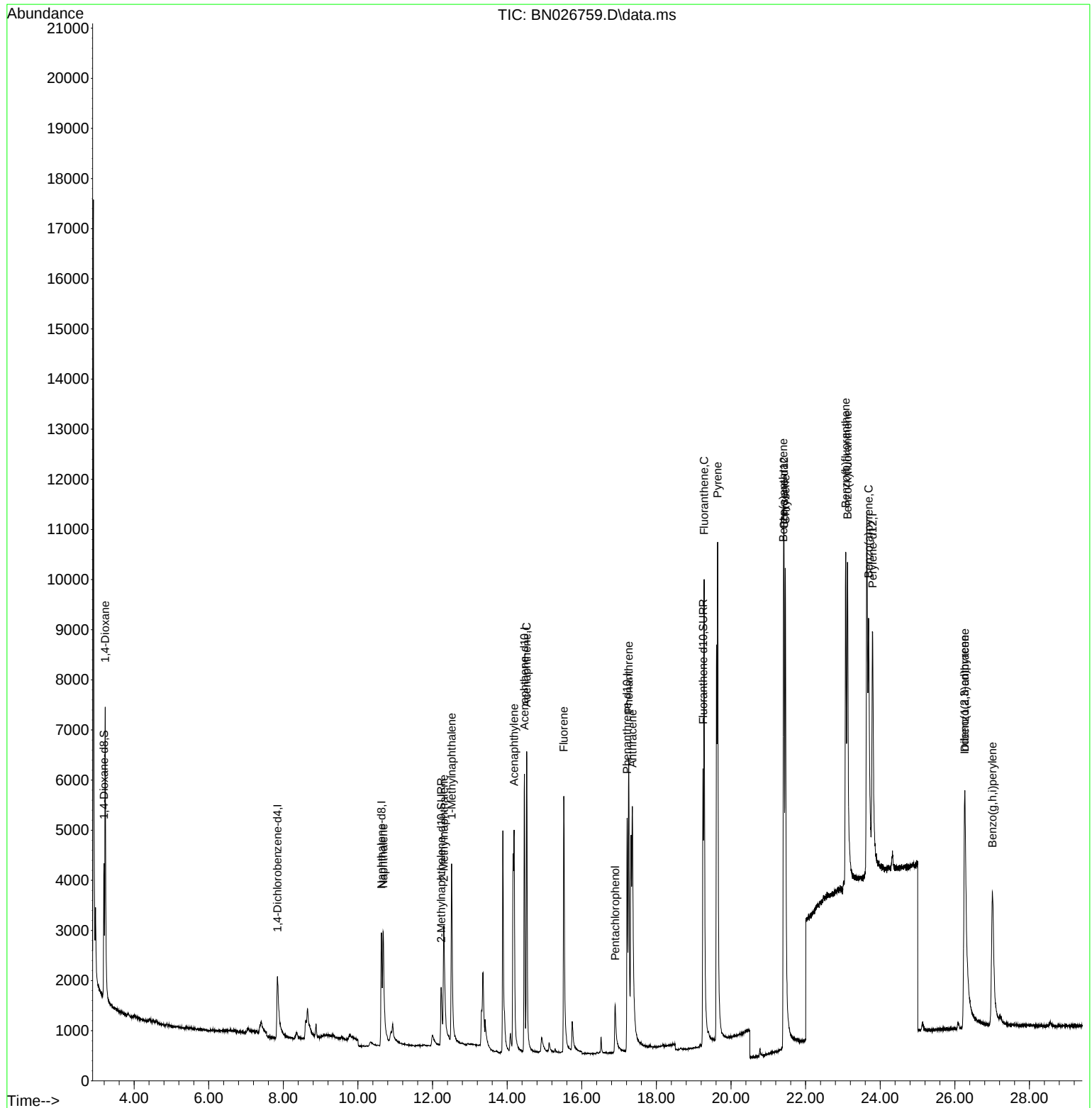
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	1690	0.400	ng/ul	0.00
4) Naphthalene-d8	10.630	136	5180	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.462	164	3527	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	7516	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.422	240	7873	0.400	ng/ul	# 0.00
23) Perylene-d12	23.796	264	7694	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.191	96	1883	0.846	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.231	152	2569	0.365	ng/ul	0.01
18) Fluoranthene-d10	19.250	212	8737	0.320	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.224	88	4182	1.986	ng/ul#	88
5) Naphthalene	10.680	128	4836	0.340	ng/ul	96
7) 2-Methylnaphthalene	12.302	142	2781	0.345	ng/ul	99
8) 1-Methylnaphthalene	12.511	142	3315	0.383	ng/ul	99
10) Acenaphthylene	14.185	152	5871	0.340	ng/ul	99
11) Acenaphthene	14.522	153	4291	0.326	ng/ul	99
12) Fluorene	15.517	166	4834	0.350	ng/ul	98
14) Pentachlorophenol	16.894	266	1176	0.620	ng/ul	98
15) Phenanthrene	17.257	178	7796	0.326	ng/ul	98
16) Anthracene	17.358	178	7326	0.353	ng/ul	99
19) Fluoranthene	19.278	202	10738	0.291	ng/ul#	92
20) Pyrene	19.641	202	11603	0.290	ng/ul#	92
21) Benzo(a)anthracene	21.405	228	9397	0.325	ng/ul	99
22) Chrysene	21.454	228	11017	0.335	ng/ul	99
24) Benzo(b)fluoranthene	23.074	252	10509	0.351	ng/ul	93
25) Benzo(k)fluoranthene	23.123	252	11792	0.375	ng/ul#	95
26) Benzo(a)pyrene	23.690	252	9188	0.344	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.260	276	10265	0.293	ng/ul#	72
28) Dibenzo(a,h)anthracene	26.271	278	7688	0.286	ng/ul#	89
29) Benzo(g,h,i)perylene	27.005	276	9342	0.303	ng/ul#	88

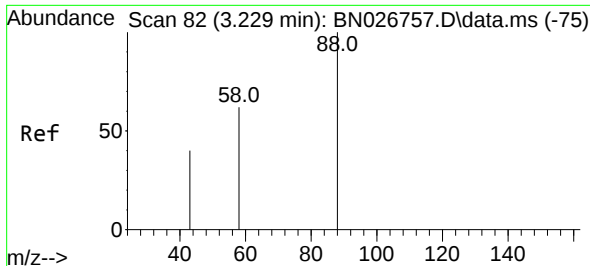
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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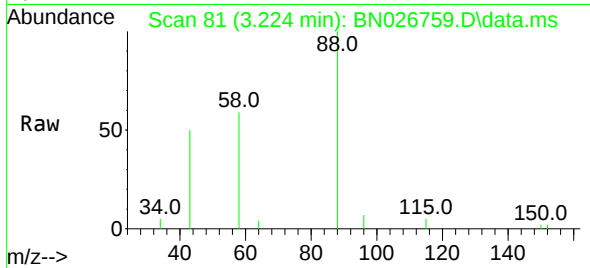
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





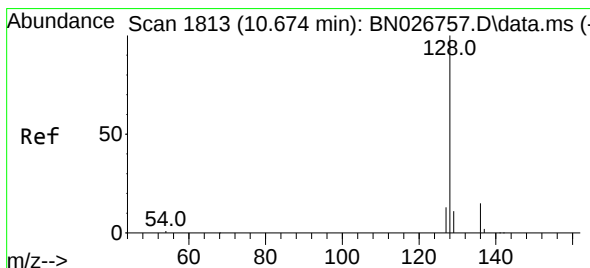
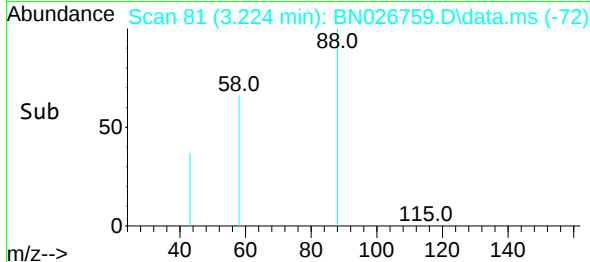
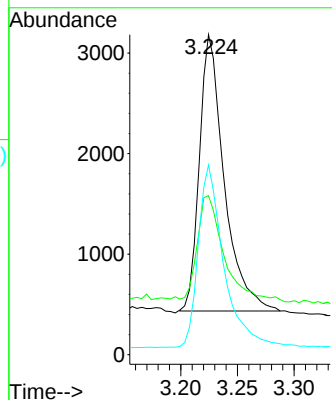
#2
1,4-Dioxane
Concen: 1.986 ng/ul
RT: 3.224 min Scan# 81
Delta R.T. -0.013 min
Lab File: BN026759.D
Acq: 26 Jul 2023 16:46

Instrument :
BNA_N
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Tgt Ion: 88 Resp: 4182

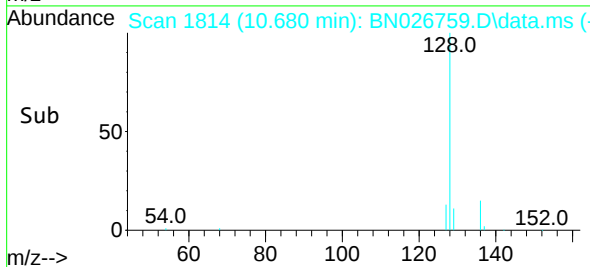
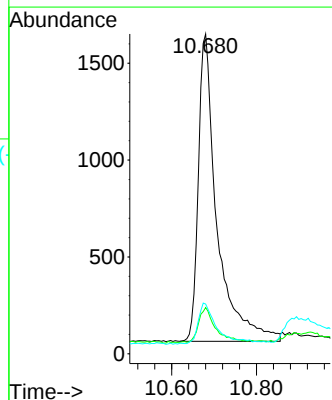
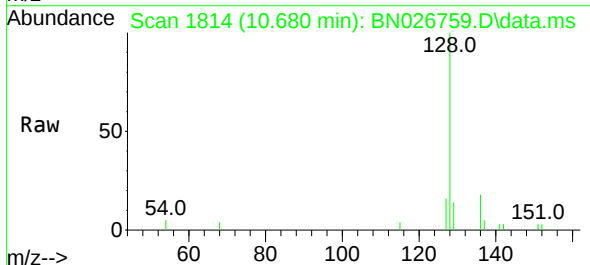
Ion	Ratio	Lower	Upper
88	100		
43	49.7	33.0	49.6
58	59.3	41.7	62.5

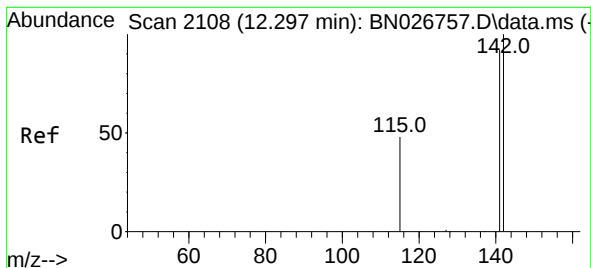


#5
Naphthalene
Concen: 0.340 ng/ul
RT: 10.680 min Scan# 1814
Delta R.T. 0.005 min
Lab File: BN026759.D
Acq: 26 Jul 2023 16:46

Tgt Ion: 128 Resp: 4836

Ion	Ratio	Lower	Upper
128	100		
129	14.5	10.2	15.2
127	15.6	11.4	17.0

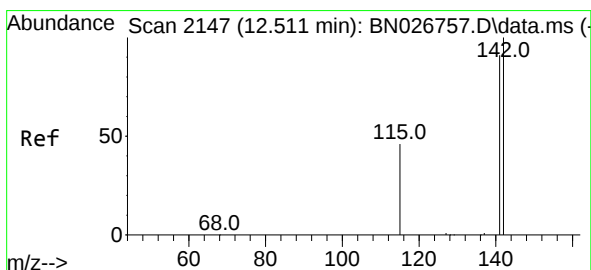
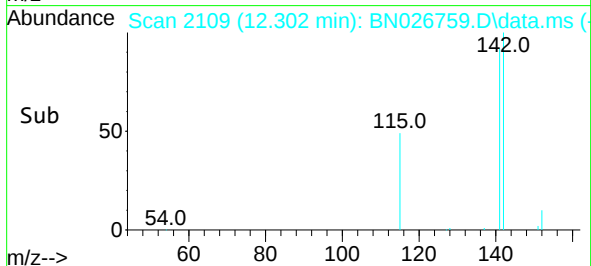
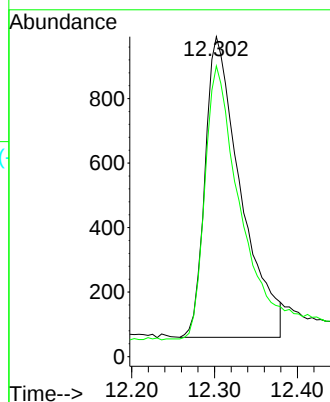
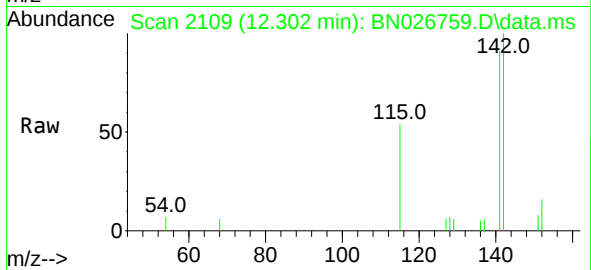




#7
2-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.302 min Scan# 2109
Delta R.T. 0.005 min
Lab File: BN026759.D
Acq: 26 Jul 2023 16:46

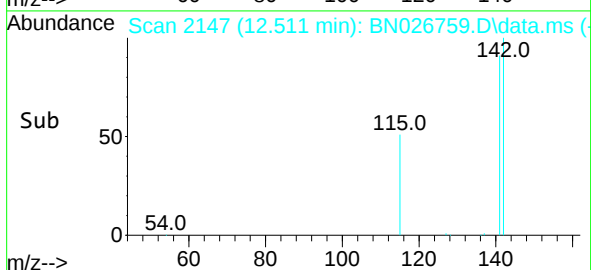
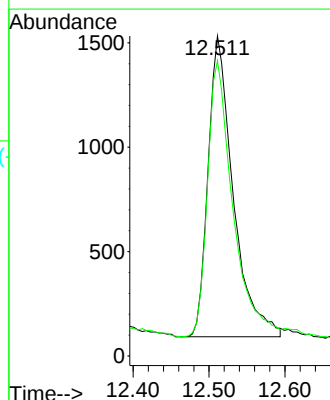
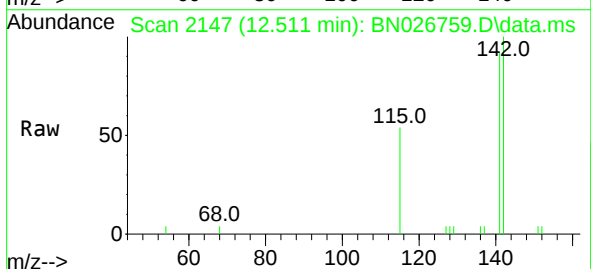
Instrument :
BNA_N
ClientSampleId :
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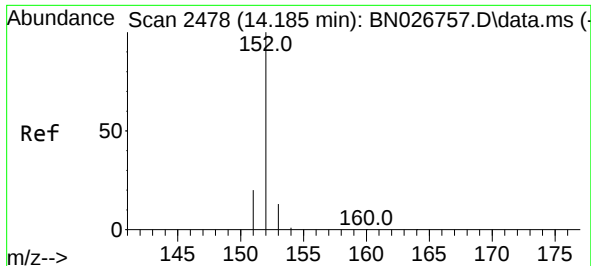
Tgt Ion:142 Resp: 2781
Ion Ratio Lower Upper
142 100
141 89.6 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BN026759.D
Acq: 26 Jul 2023 16:46

Tgt Ion:142 Resp: 3315
Ion Ratio Lower Upper
142 100
141 92.1 74.5 111.7

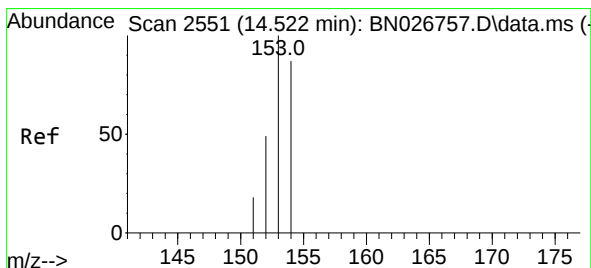
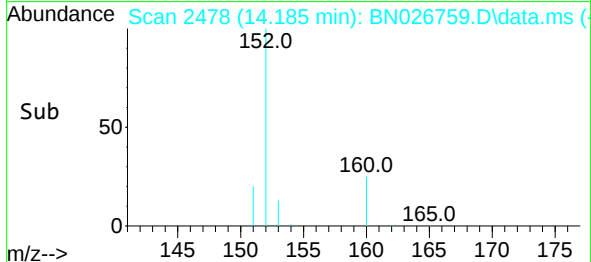
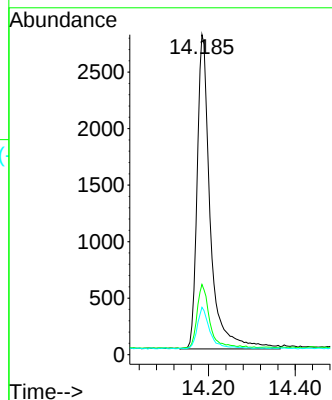
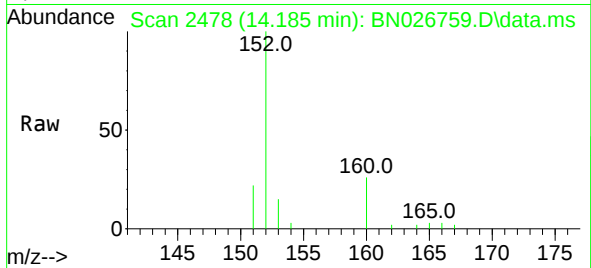




#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.185 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BN026759.D
Acq: 26 Jul 2023 16:46

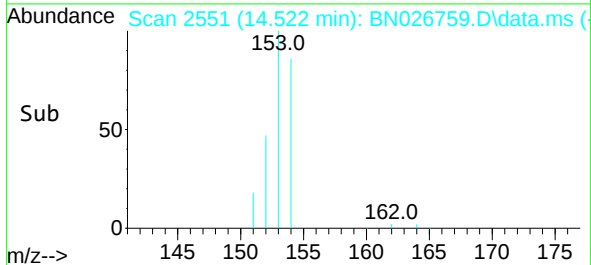
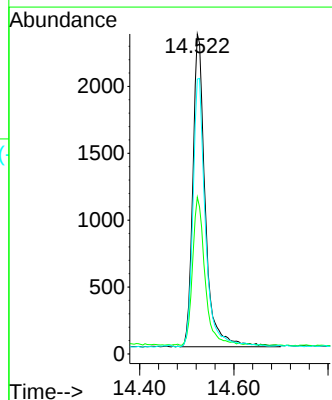
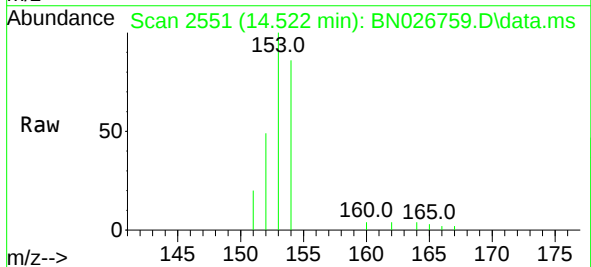
Instrument :
BNA_N
ClientSampleId :
SLCS053

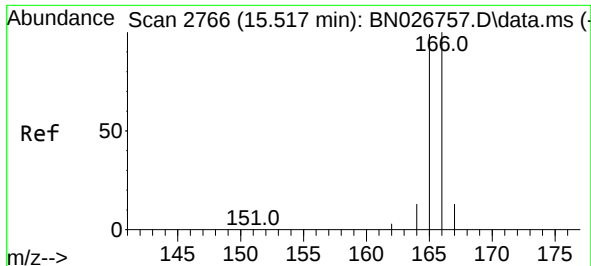
Tgt Ion:152 Resp: 5871
Ion Ratio Lower Upper
152 100
151 21.9 17.0 25.6
153 14.8 11.4 17.2



#11
Acenaphthene
Concen: 0.326 ng/ul
RT: 14.522 min Scan# 2551
Delta R.T. -0.005 min
Lab File: BN026759.D
Acq: 26 Jul 2023 16:46

Tgt Ion:153 Resp: 4291
Ion Ratio Lower Upper
153 100
152 49.0 40.2 60.4
154 85.9 69.3 103.9

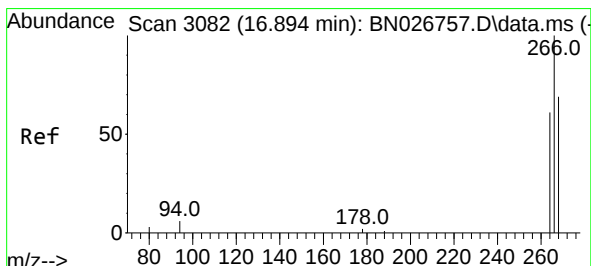
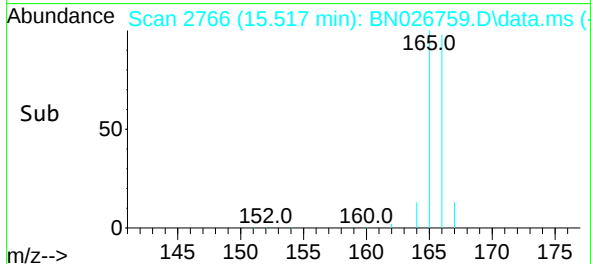
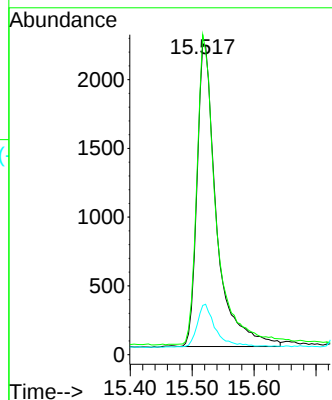
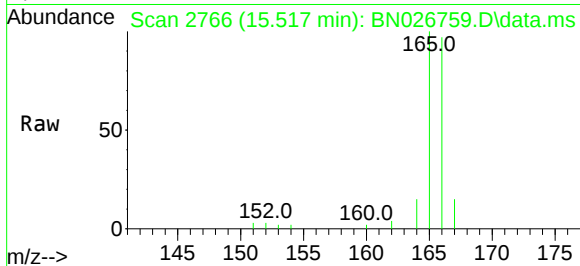




#12
Fluorene
Concen: 0.350 ng/ul
RT: 15.517 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026759.D
Acq: 26 Jul 2023 16:46

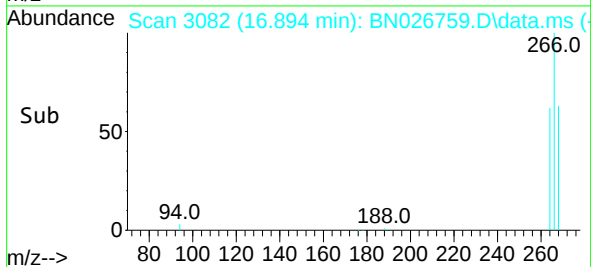
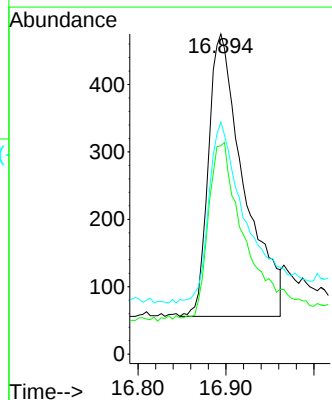
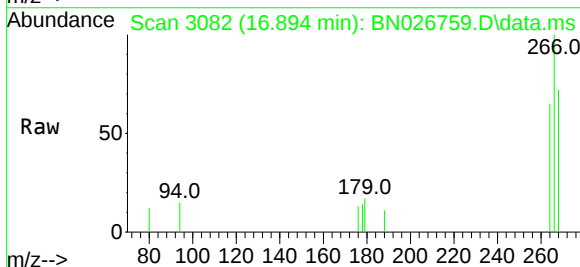
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ClientSampleId :
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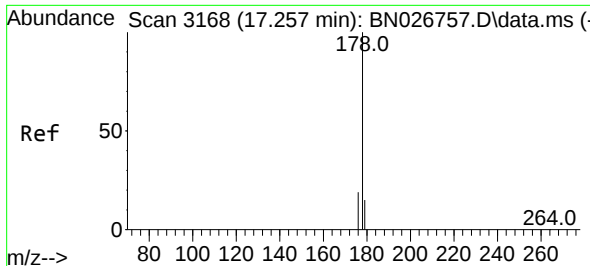
Tgt Ion:166 Resp: 4834
Ion Ratio Lower Upper
166 100
165 102.9 80.6 120.8
167 15.8 12.0 18.0



#14
Pentachlorophenol
Concen: 0.620 ng/ul
RT: 16.894 min Scan# 3082
Delta R.T. 0.013 min
Lab File: BN026759.D
Acq: 26 Jul 2023 16:46

Tgt Ion:266 Resp: 1176
Ion Ratio Lower Upper
266 100
264 61.6 52.0 78.0
268 66.7 53.0 79.6

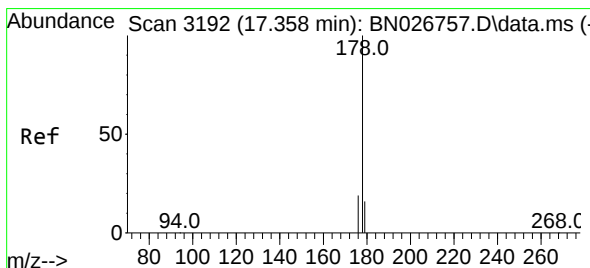
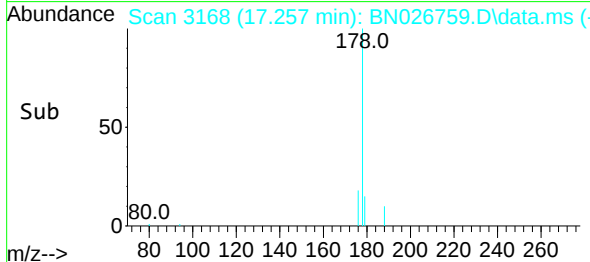
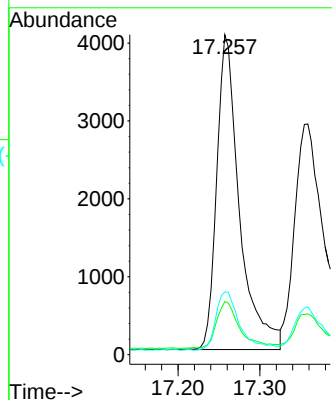
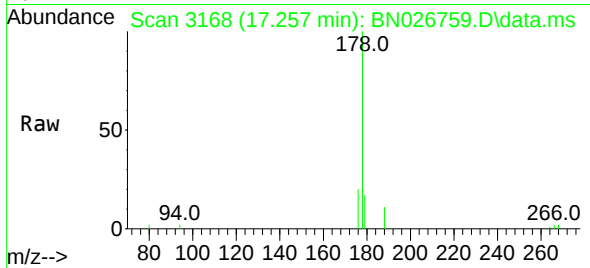




#15
Phenanthrene
Concen: 0.326 ng/u1
RT: 17.257 min Scan# 3168
Delta R.T. -0.000 min
Lab File: BN026759.D
Acq: 26 Jul 2023 16:46

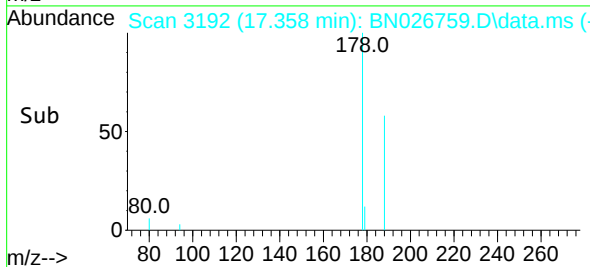
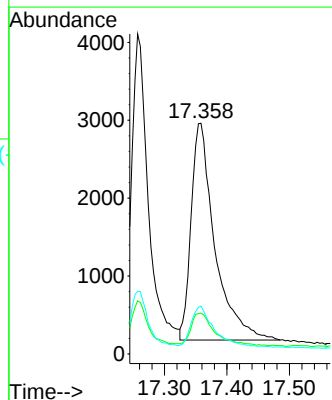
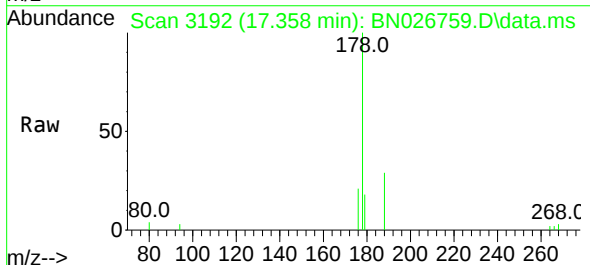
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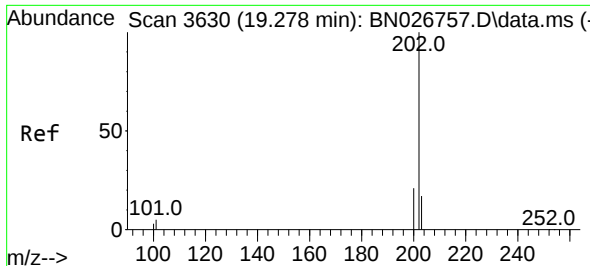
Tgt Ion:178 Resp: 7796
Ion Ratio Lower Upper
178 100
179 16.6 13.7 20.5
176 19.6 16.5 24.7



#16
Anthracene
Concen: 0.353 ng/u1
RT: 17.358 min Scan# 3192
Delta R.T. 0.008 min
Lab File: BN026759.D
Acq: 26 Jul 2023 16:46

Tgt Ion:178 Resp: 7326
Ion Ratio Lower Upper
178 100
179 17.7 14.8 22.2
176 20.7 16.6 25.0

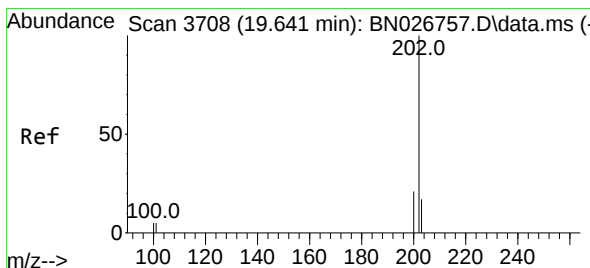
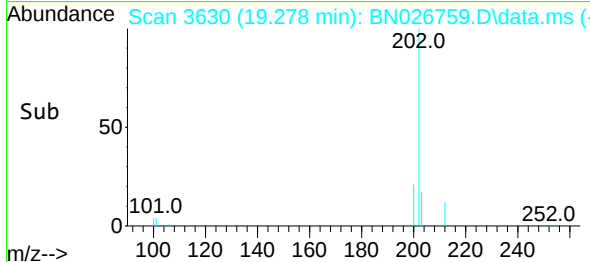
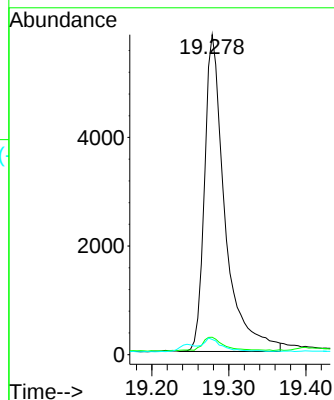
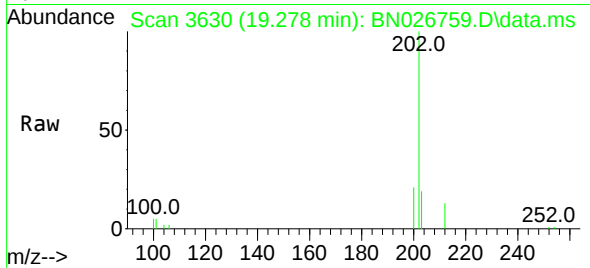




#19
Fluoranthene
Concen: 0.291 ng/ul
RT: 19.278 min Scan# 3630
Delta R.T. -0.000 min
Lab File: BN026759.D
Acq: 26 Jul 2023 16:46

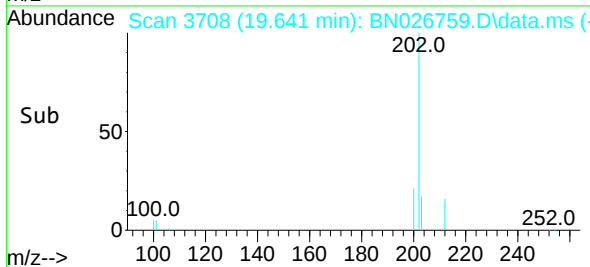
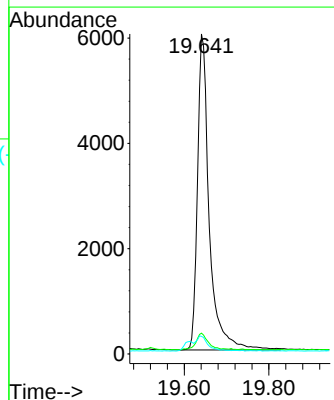
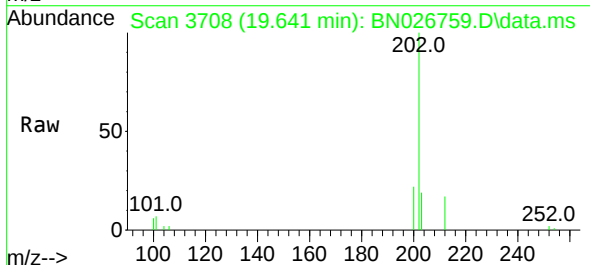
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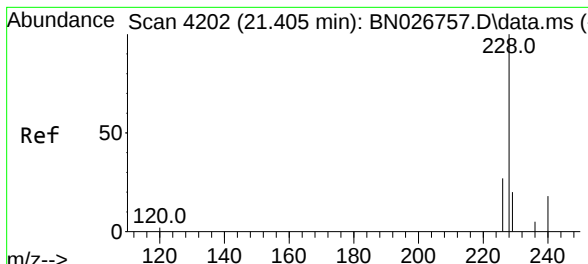
Tgt Ion:202 Resp: 10738
Ion Ratio Lower Upper
202 100
101 5.4 7.0 10.4#
100 4.8 6.0 9.0#



#20
Pyrene
Concen: 0.290 ng/ul
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026759.D
Acq: 26 Jul 2023 16:46

Tgt Ion:202 Resp: 11603
Ion Ratio Lower Upper
202 100
101 6.5 8.0 12.0#
100 5.5 6.2 9.2#

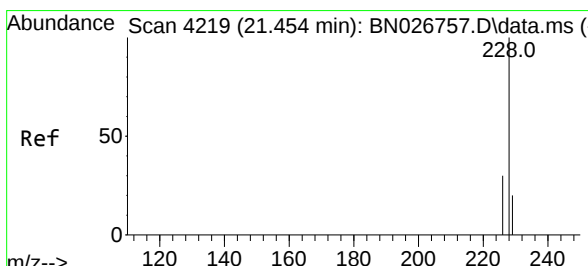
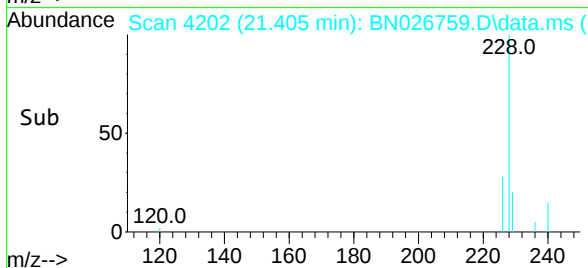
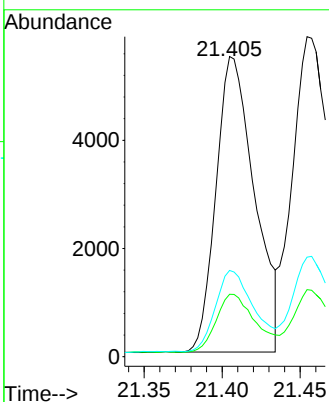
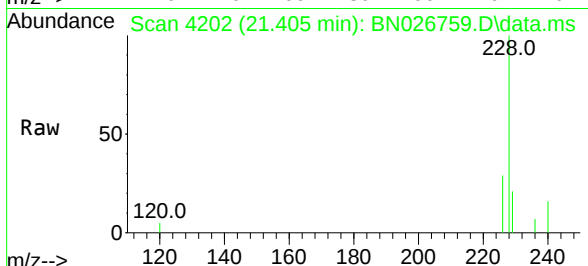




#21
Benzo(a)anthracene
Concen: 0.325 ng/ul
RT: 21.405 min Scan# 4202
Delta R.T. 0.003 min
Lab File: BN026759.D
Acq: 26 Jul 2023 16:46

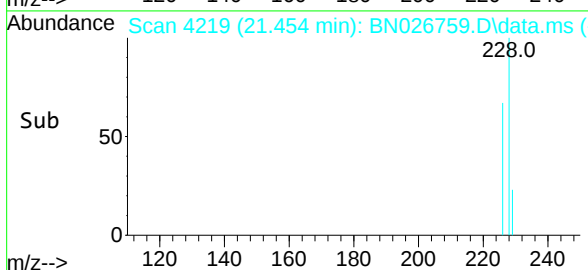
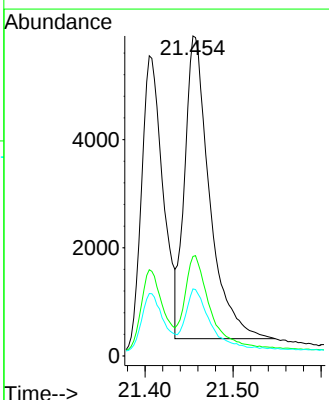
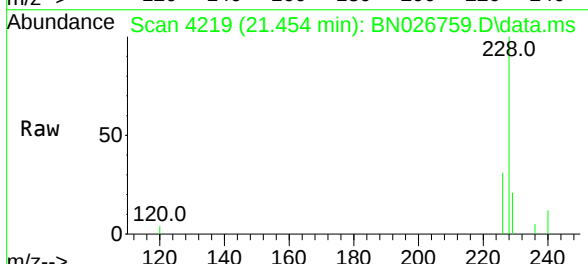
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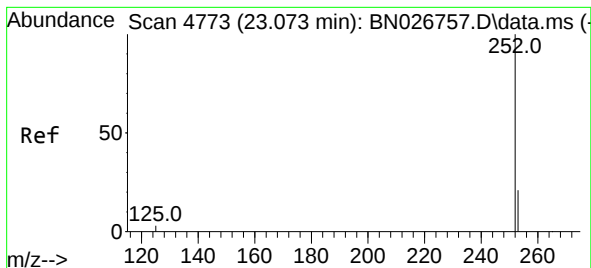
Tgt Ion:	228	Resp:	9397
Ion Ratio	Lower	Upper	
228	100		
229	20.8	16.7	25.1
226	28.7	23.5	35.3



#22
Chrysene
Concen: 0.335 ng/ul
RT: 21.454 min Scan# 4219
Delta R.T. -0.000 min
Lab File: BN026759.D
Acq: 26 Jul 2023 16:46

Tgt Ion:	228	Resp:	11017
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.2	37.8
229	21.0	16.4	24.6





#24

Benzo(b)fluoranthene

Concen: 0.351 ng/ul

RT: 23.074 min Scan# 4773

Delta R.T. 0.006 min

Lab File: BN026759.D

Acq: 26 Jul 2023 16:46

Instrument :

BNA_N

ClientSampleId :

SLCS053

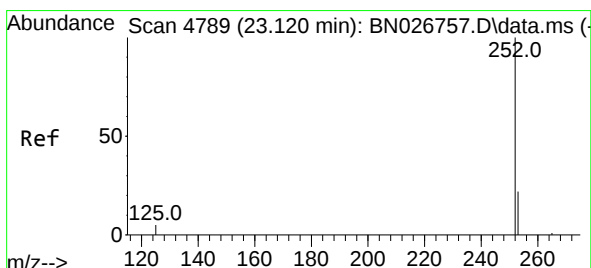
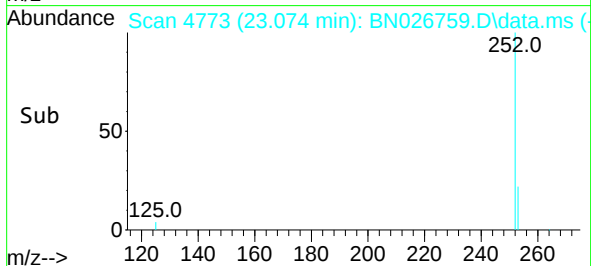
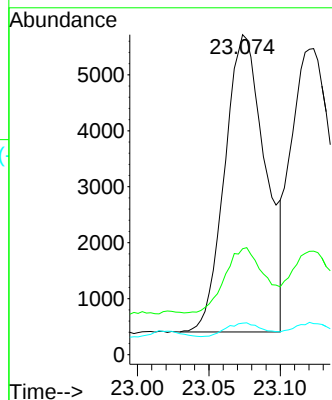
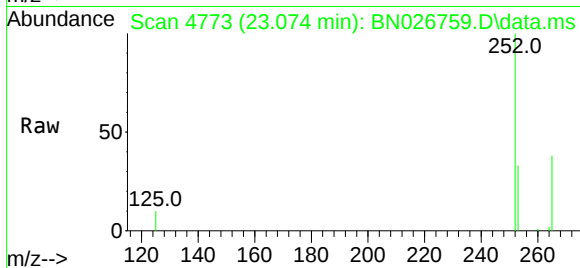
Tgt Ion:252 Resp: 10509

Ion Ratio Lower Upper

252 100

253 33.1 0.0 68.6

125 9.8 0.0 34.0



#25

Benzo(k)fluoranthene

Concen: 0.375 ng/ul

RT: 23.123 min Scan# 4790

Delta R.T. 0.009 min

Lab File: BN026759.D

Acq: 26 Jul 2023 16:46

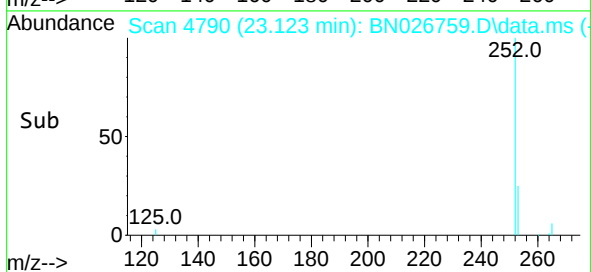
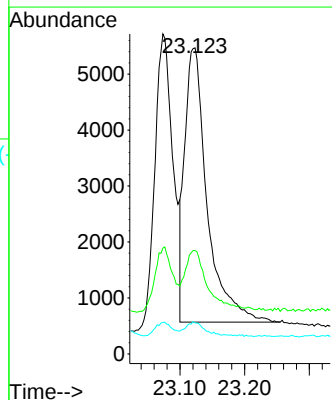
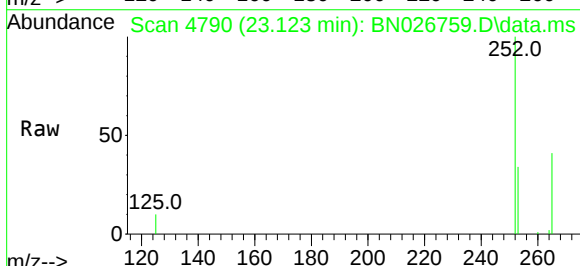
Tgt Ion:252 Resp: 11792

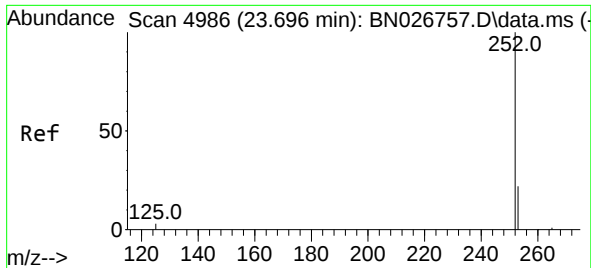
Ion Ratio Lower Upper

252 100

253 33.8 27.2 40.8

125 10.1 13.4 20.2#

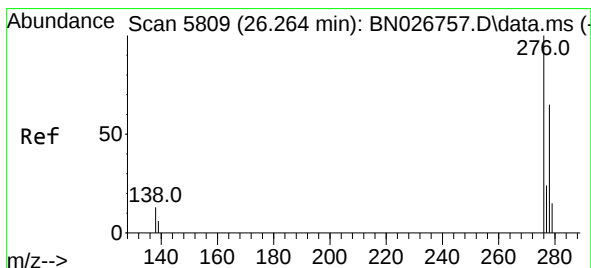
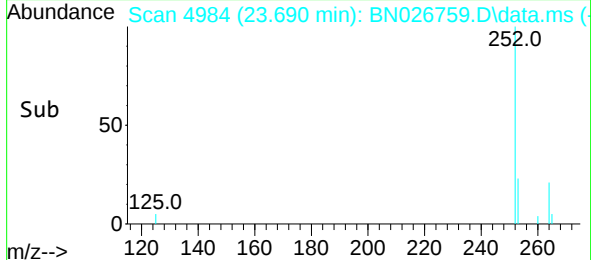
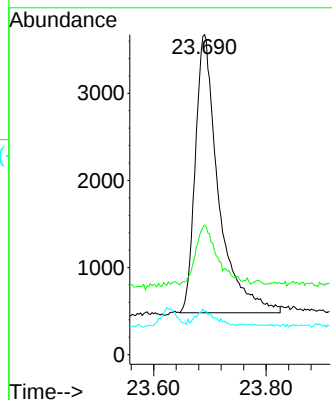
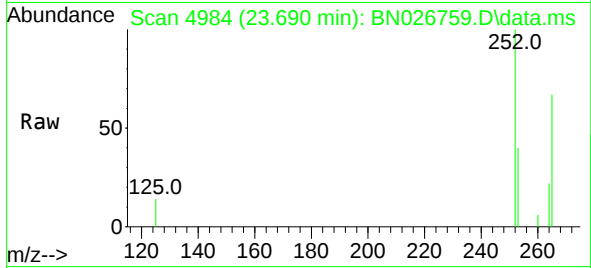




#26
Benzo(a)pyrene
Concen: 0.344 ng/ul
RT: 23.690 min Scan# 4984
Delta R.T. 0.006 min
Lab File: BN026759.D
Acq: 26 Jul 2023 16:46

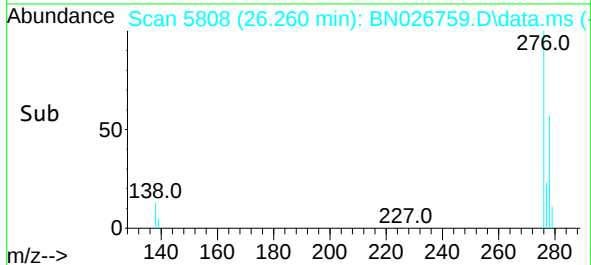
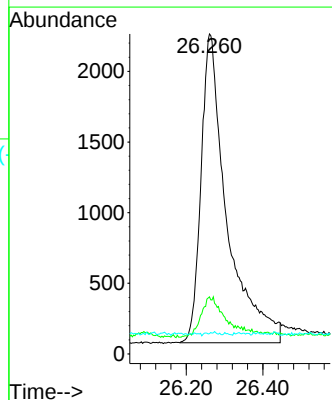
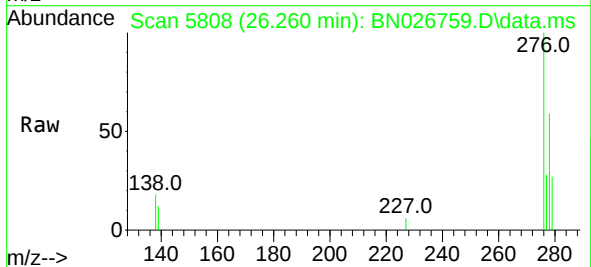
Instrument :
BNA_N
ClientSampleId :
SLCS053

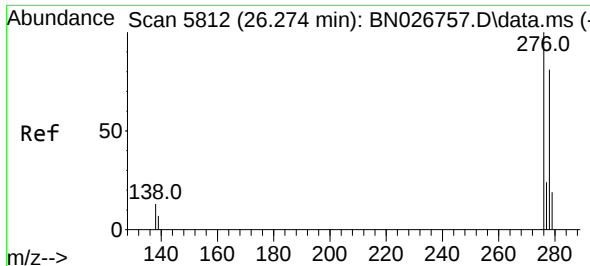
Tgt Ion:252 Resp: 9188
Ion Ratio Lower Upper
252 100
253 40.5 32.6 49.0
125 13.5 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.293 ng/ul
RT: 26.260 min Scan# 5808
Delta R.T. 0.010 min
Lab File: BN026759.D
Acq: 26 Jul 2023 16:46

Tgt Ion:276 Resp: 10265
Ion Ratio Lower Upper
276 100
138 13.1 22.2 33.4#
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.286 ng/ul

RT: 26.271 min Scan# 5811

Delta R.T. 0.013 min

Lab File: BN026759.D

Acq: 26 Jul 2023 16:46

Instrument :

BNA_N

ClientSampleId :

SLCS053

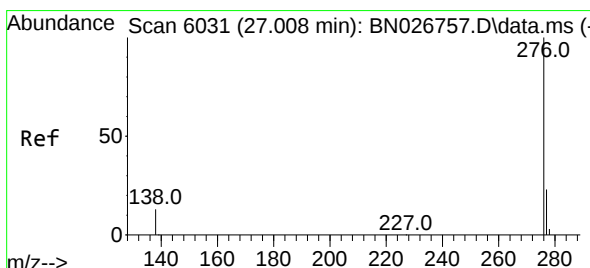
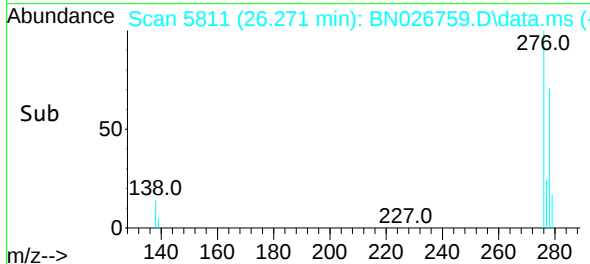
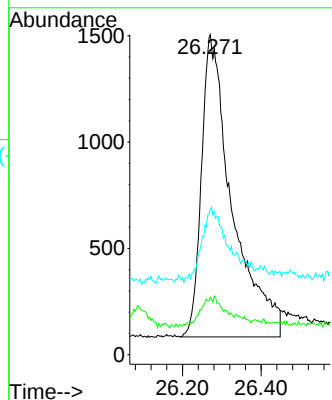
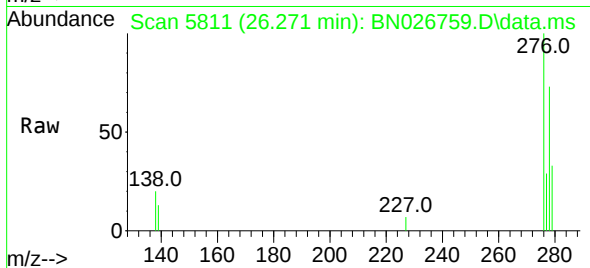
Tgt Ion:278 Resp: 7688

Ion Ratio Lower Upper

278 100

139 17.9 18.9 28.3#

279 45.4 31.3 46.9



#29

Benzo(g,h,i)perylene

Concen: 0.303 ng/ul

RT: 27.005 min Scan# 6030

Delta R.T. 0.003 min

Lab File: BN026759.D

Acq: 26 Jul 2023 16:46

Tgt Ion:276 Resp: 9342

Ion Ratio Lower Upper

276 100

138 17.6 22.6 34.0#

277 29.0 21.8 32.8

