

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
 Data File : BN026539.D
 Acq On : 17 Jul 2023 16:31
 Operator : MA/JU
 Sample : PB153904BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS904

Quant Time: Jul 18 03:05:04 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 17 17:14:21 2023
 Response via : Initial Calibration

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

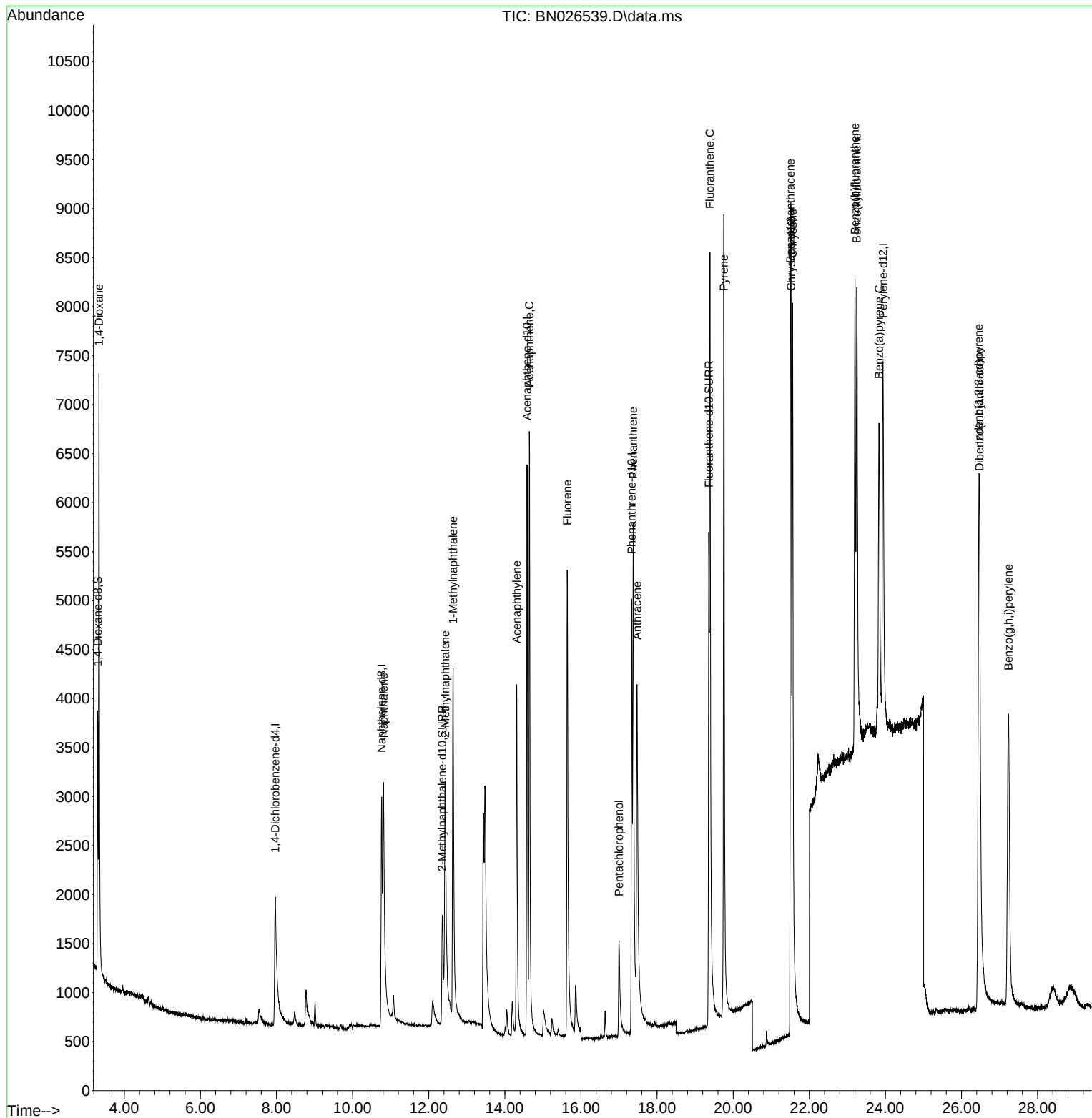
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.968	152	1830	0.400	ng/ul	0.02
4) Naphthalene-d8	10.765	136	6017	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.584	164	3868	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	7692	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.520	240	6490	0.400	ng/ul	# 0.00
23) Perylene-d12	23.938	264	6328	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	1832	0.760	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	2725	0.333	ng/ul	0.00
18) Fluoranthene-d10	19.359	212	7737	0.344	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	4530	1.986	ng/ul	90
5) Naphthalene	10.809	128	5188	0.314	ng/ul	97
7) 2-Methylnaphthalene	12.431	142	2992	0.319	ng/ul	99
8) 1-Methylnaphthalene	12.640	142	3378	0.336	ng/ul	100
10) Acenaphthylene	14.311	152	5778	0.305	ng/ul	100
11) Acenaphthene	14.644	153	4510	0.313	ng/ul	99
12) Fluorene	15.639	166	4856	0.321	ng/ul	99
14) Pentachlorophenol	17.001	266	1139	0.587	ng/ul	97
15) Phenanthrene	17.372	178	7370	0.301	ng/ul	98
16) Anthracene	17.474	178	6636	0.312	ng/ul	100
19) Fluoranthene	19.391	202	9460	0.311	ng/ul#	95
20) Pyrene	19.754	202	10163	0.308	ng/ul#	95
21) Benzo(a)anthracene	21.506	228	7345	0.308	ng/ul	98
22) Chrysene	21.558	228	8605	0.317	ng/ul	99
24) Benzo(b)fluoranthene	23.201	252	7487	0.304	ng/ul	96
25) Benzo(k)fluoranthene	23.248	252	8735	0.338	ng/ul#	96
26) Benzo(a)pyrene	23.832	252	7215	0.329	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.457	276	9982	0.347	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.474	278	7995	0.362	ng/ul#	93
29) Benzo(g,h,i)perylene	27.235	276	8739	0.344	ng/ul#	89

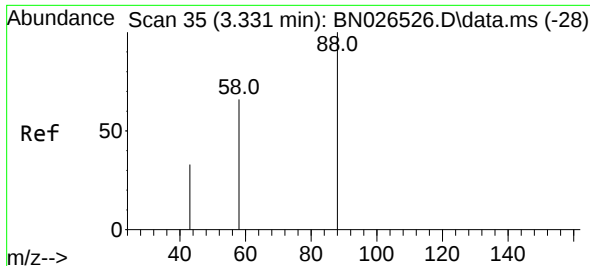
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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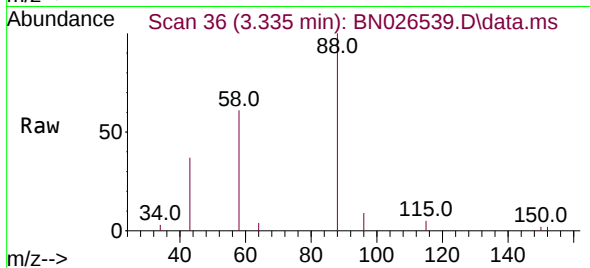
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 17:14:21 2023
Response via : Initial Calibration



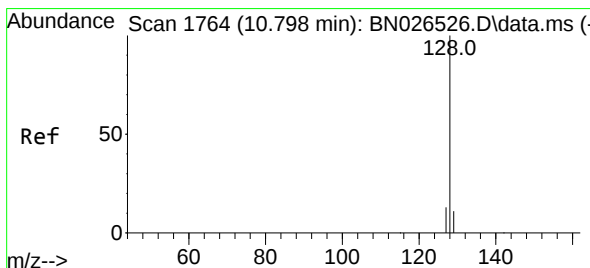
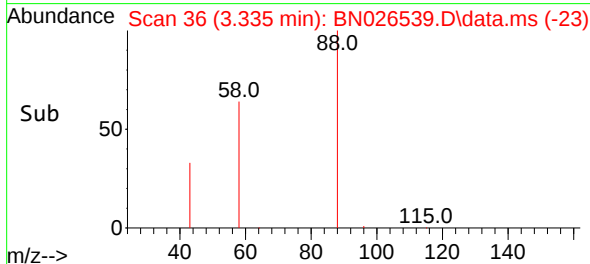
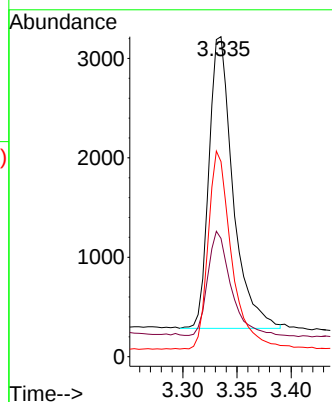


#2
1,4-Dioxane
Concen: 1.986 ng/ul
RT: 3.335 min Scan# 30
Delta R.T. 0.004 min
Lab File: BN026539.D
Acq: 17 Jul 2023 16:31

Instrument :
BNA_N
ClientSampleId :
SLCS904

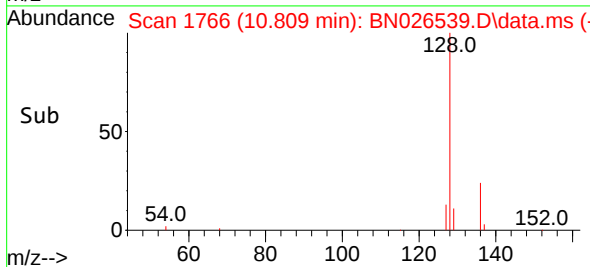
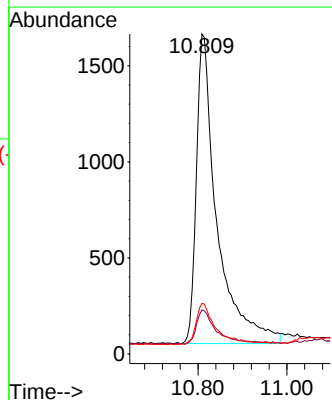
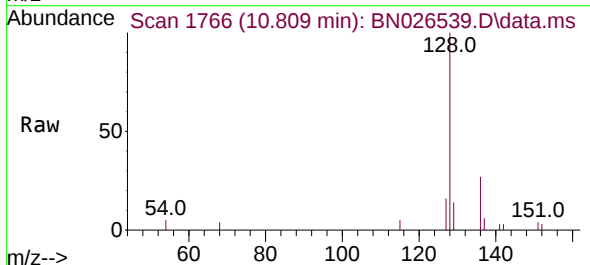


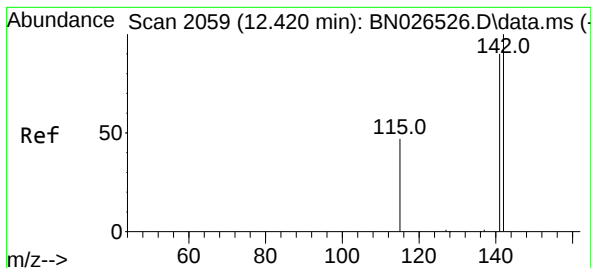
Tgt Ion: 88 Resp: 4530
Ion Ratio Lower Upper
88 100
43 36.9 33.0 49.6
58 61.0 41.7 62.5



#5
Naphthalene
Concen: 0.314 ng/ul
RT: 10.809 min Scan# 1766
Delta R.T. 0.011 min
Lab File: BN026539.D
Acq: 17 Jul 2023 16:31

Tgt Ion:128 Resp: 5188
Ion Ratio Lower Upper
128 100
129 13.8 10.2 15.2
127 15.8 11.4 17.0

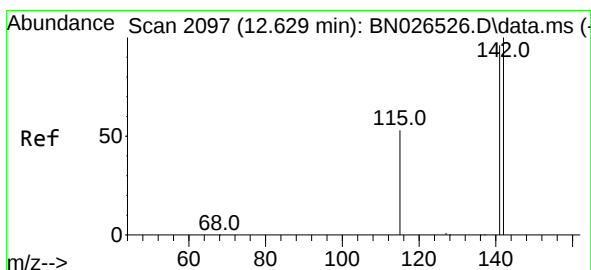
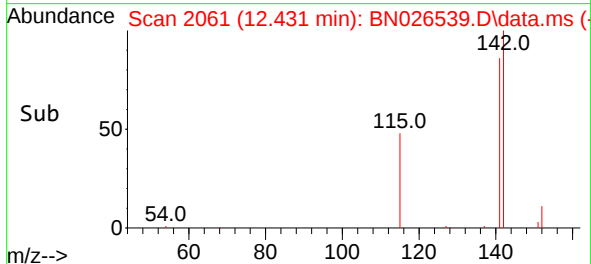
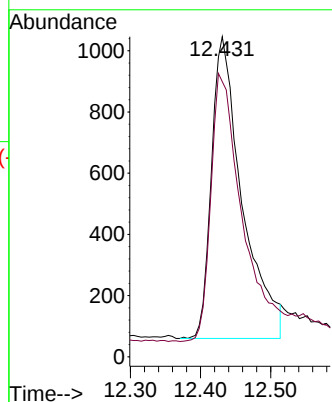
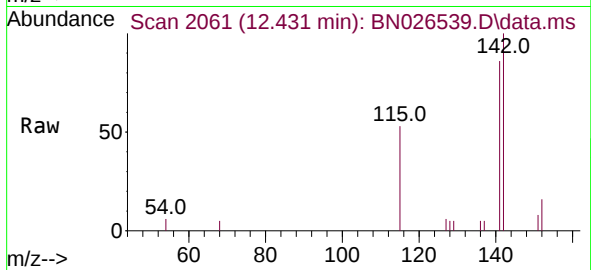




#7
2-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. 0.011 min
Lab File: BN026539.D
Acq: 17 Jul 2023 16:31

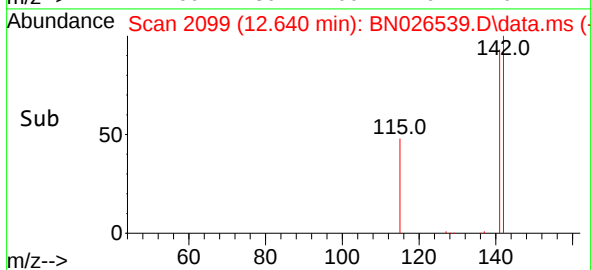
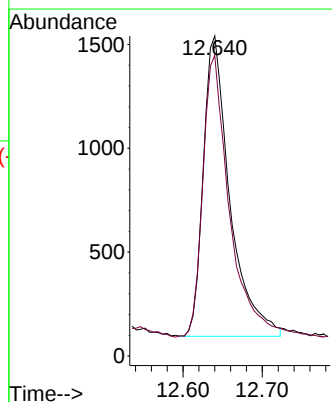
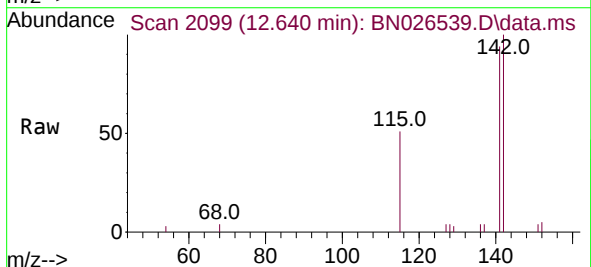
Instrument :
BNA_N
ClientSampleId :
SLCS904

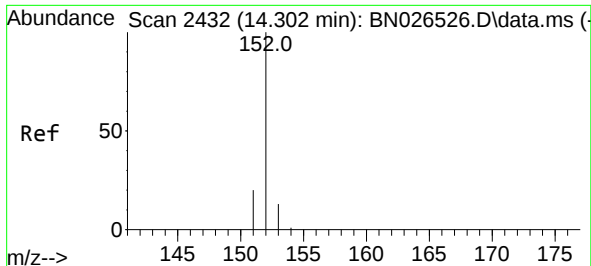
Tgt Ion:142 Resp: 2992
Ion Ratio Lower Upper
142 100
141 90.9 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. 0.011 min
Lab File: BN026539.D
Acq: 17 Jul 2023 16:31

Tgt Ion:142 Resp: 3378
Ion Ratio Lower Upper
142 100
141 93.2 74.5 111.7

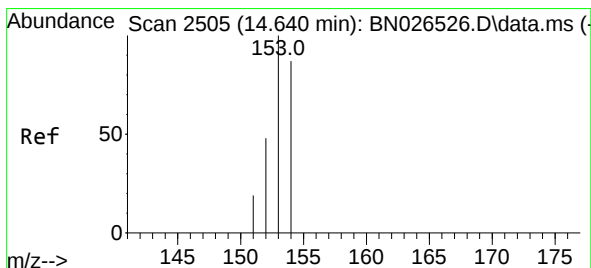
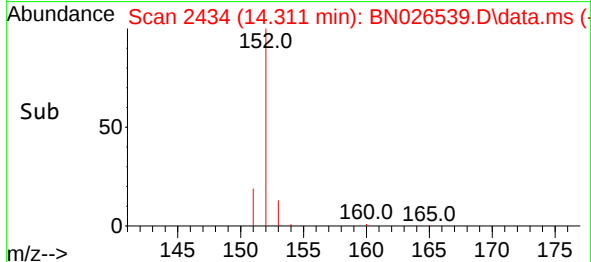
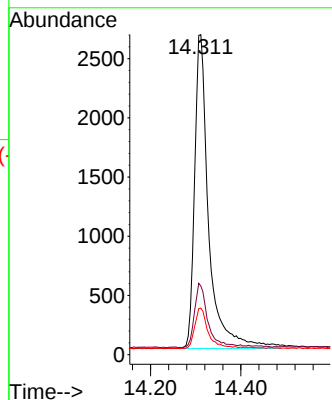
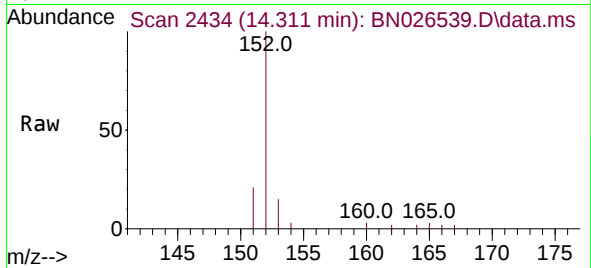




#10
Acenaphthylene
Concen: 0.305 ng/ul
RT: 14.311 min Scan# 2434
Delta R.T. 0.009 min
Lab File: BN026539.D
Acq: 17 Jul 2023 16:31

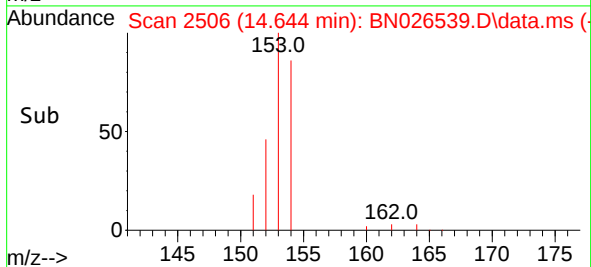
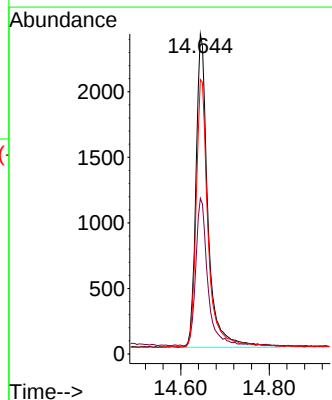
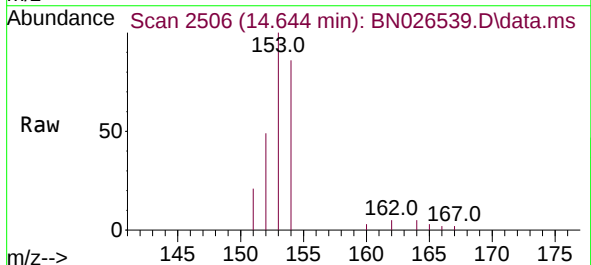
Instrument :
BNA_N
ClientSampleId :
SLCS904

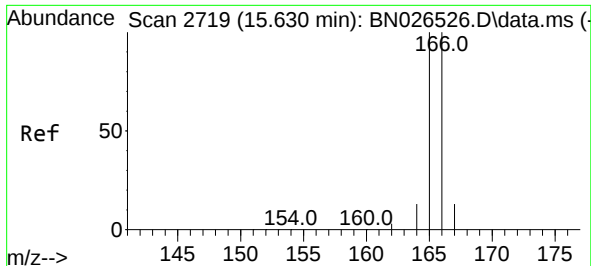
Tgt Ion:152 Resp: 5778
Ion Ratio Lower Upper
152 100
151 21.5 17.0 25.6
153 14.5 11.4 17.2



#11
Acenaphthene
Concen: 0.313 ng/ul
RT: 14.644 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN026539.D
Acq: 17 Jul 2023 16:31

Tgt Ion:153 Resp: 4510
Ion Ratio Lower Upper
153 100
152 48.7 40.2 60.4
154 85.7 69.3 103.9

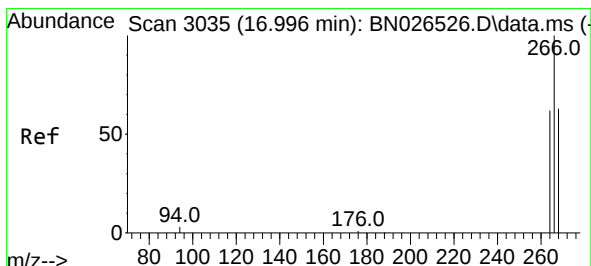
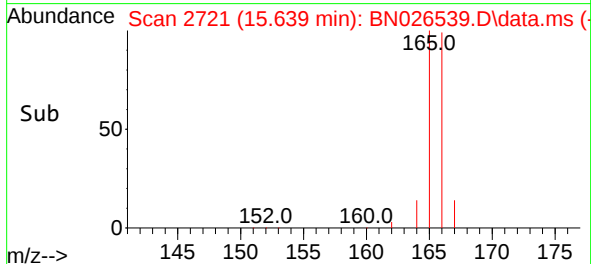
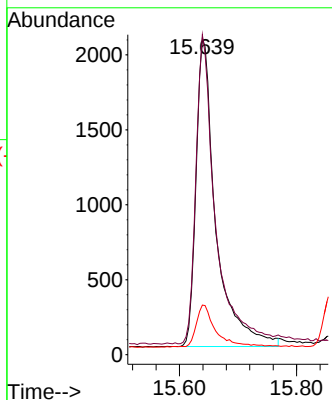
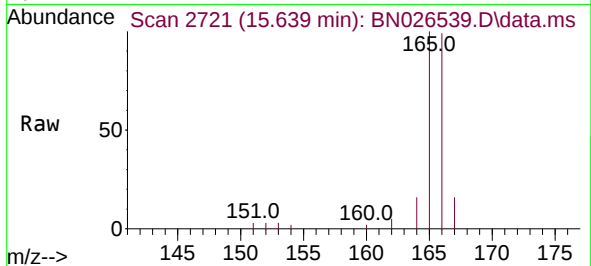




#12
 Fluorene
 Concen: 0.321 ng/ul
 RT: 15.639 min Scan# 2719
 Delta R.T. 0.009 min
 Lab File: BN026539.D
 Acq: 17 Jul 2023 16:31

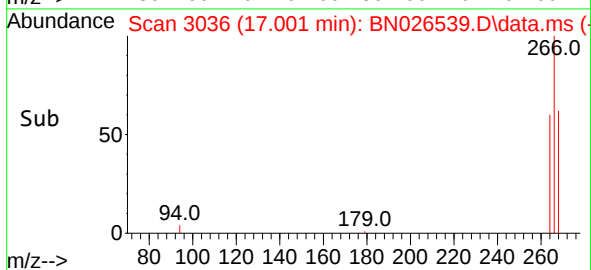
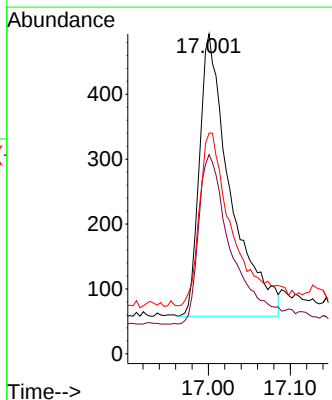
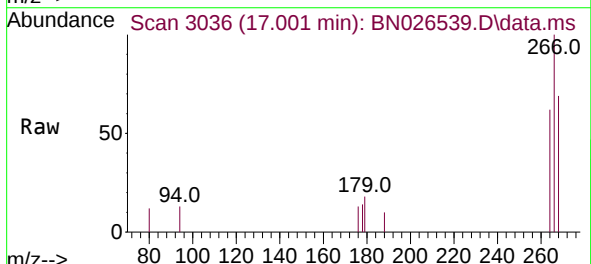
Instrument :
 BNA_N
 ClientSampleId :
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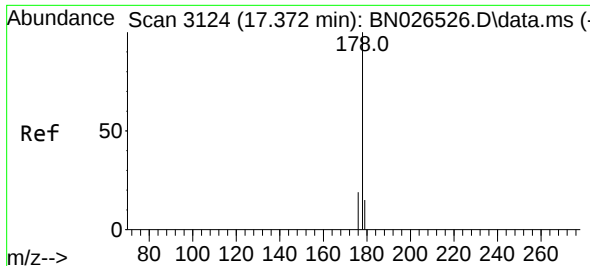
Tgt Ion:166	Resp:	4856
Ion Ratio	Lower	Upper
166	100	
165	101.1	80.6 120.8
167	15.7	12.0 18.0



#14
 Pentachlorophenol
 Concen: 0.587 ng/ul
 RT: 17.001 min Scan# 3036
 Delta R.T. 0.004 min
 Lab File: BN026539.D
 Acq: 17 Jul 2023 16:31

Tgt Ion:266	Resp:	1139
Ion Ratio	Lower	Upper
266	100	
264	63.0	52.0 78.0
268	63.5	53.0 79.6

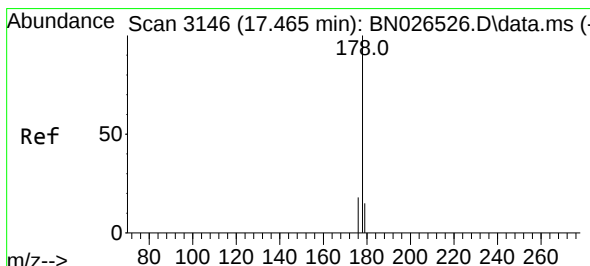
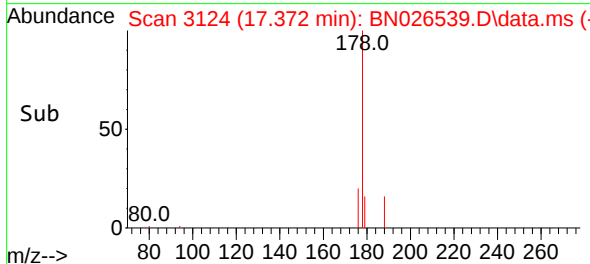
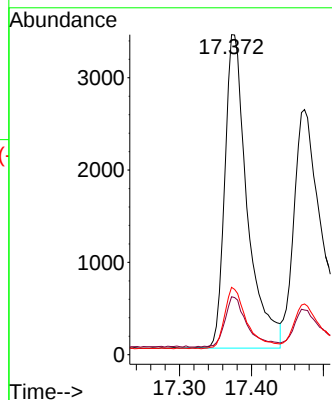
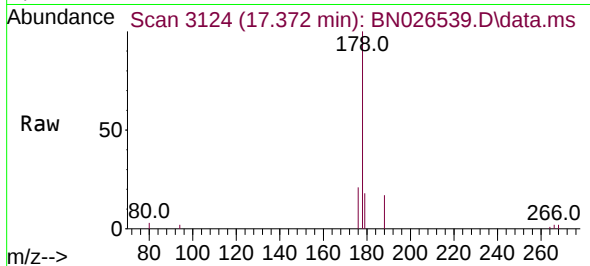




#15
Phenanthrene
Concen: 0.301 ng/u1
RT: 17.372 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN026539.D
Acq: 17 Jul 2023 16:31

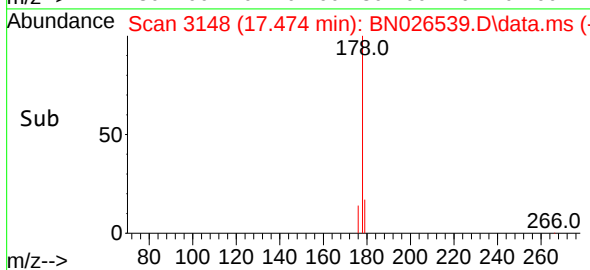
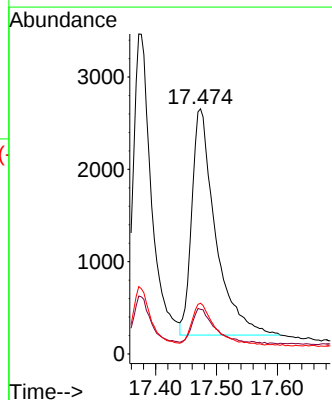
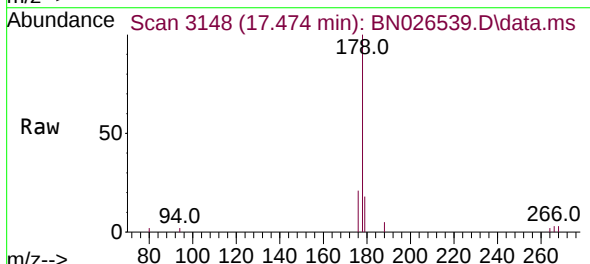
Instrument :
BNA_N
ClientSampleId :
SLCS904

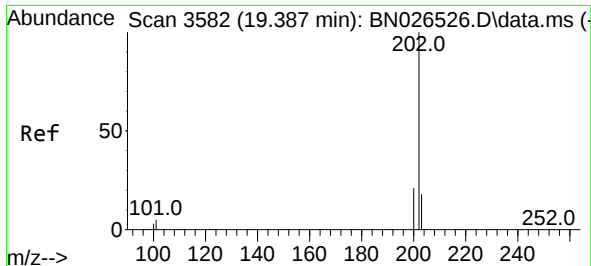
Tgt Ion:178 Resp: 7370
Ion Ratio Lower Upper
178 100
179 18.1 13.7 20.5
176 21.0 16.5 24.7



#16
Anthracene
Concen: 0.312 ng/u1
RT: 17.474 min Scan# 3148
Delta R.T. 0.009 min
Lab File: BN026539.D
Acq: 17 Jul 2023 16:31

Tgt Ion:178 Resp: 6636
Ion Ratio Lower Upper
178 100
179 18.2 14.8 22.2
176 20.7 16.6 25.0





#19

Fluoranthene

Concen: 0.311 ng/u1

RT: 19.391 min Scan# 3582

Delta R.T. 0.005 min

Lab File: BN026539.D

Acq: 17 Jul 2023 16:31

Instrument :

BNA_N

ClientSampleId :

SLCS904

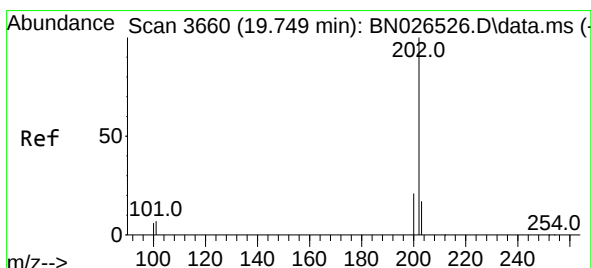
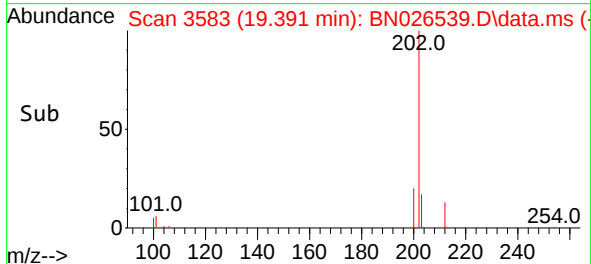
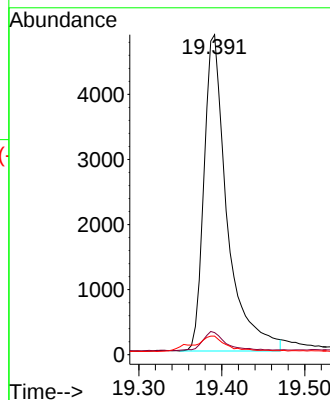
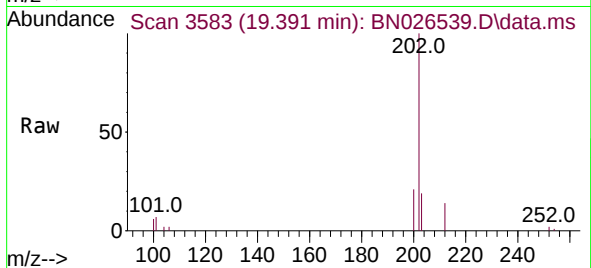
Tgt Ion:202 Resp: 9460

Ion Ratio Lower Upper

202 100

101 6.9 7.0 10.4#

100 5.8 6.0 9.0#



#20

Pyrene

Concen: 0.308 ng/u1

RT: 19.754 min Scan# 3661

Delta R.T. 0.005 min

Lab File: BN026539.D

Acq: 17 Jul 2023 16:31

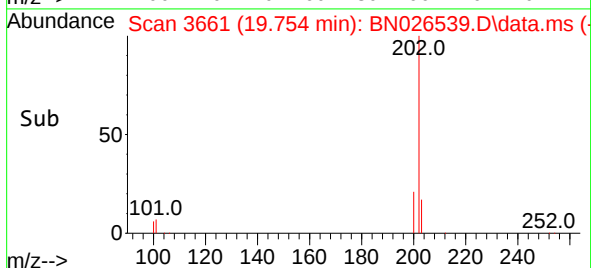
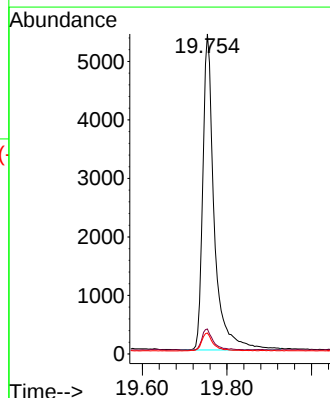
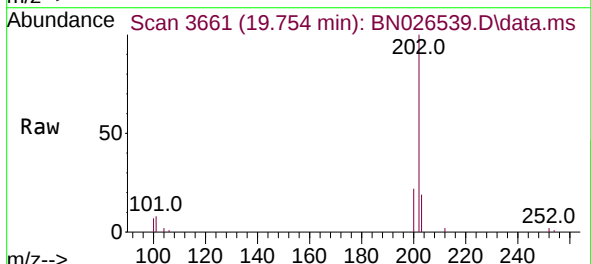
Tgt Ion:202 Resp: 10163

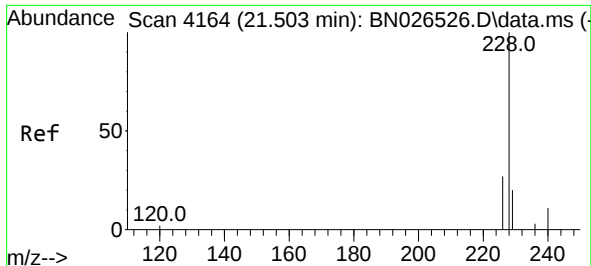
Ion Ratio Lower Upper

202 100

101 7.8 8.0 12.0#

100 6.6 6.2 9.2

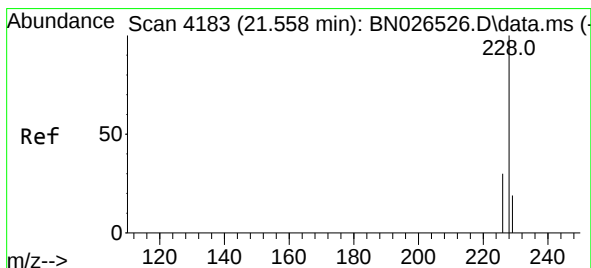
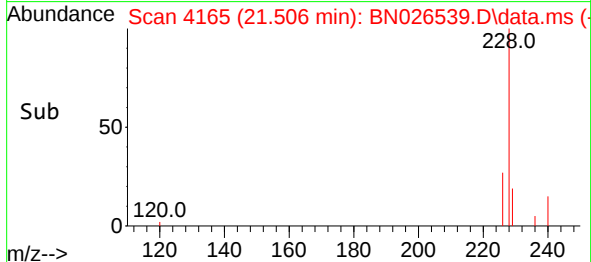
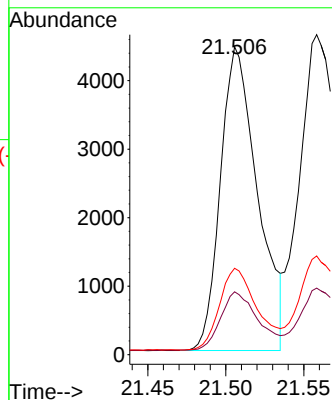
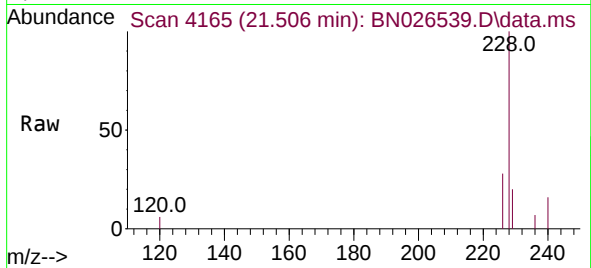




#21
Benzo(a)anthracene
Concen: 0.308 ng/ul
RT: 21.506 min Scan# 4165
Delta R.T. 0.003 min
Lab File: BN026539.D
Acq: 17 Jul 2023 16:31

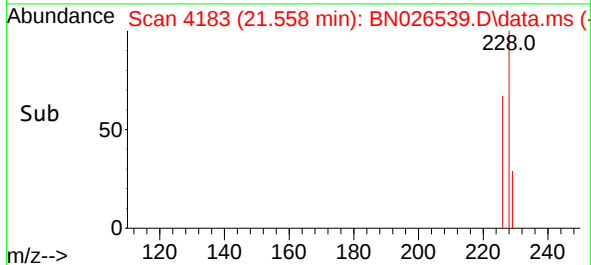
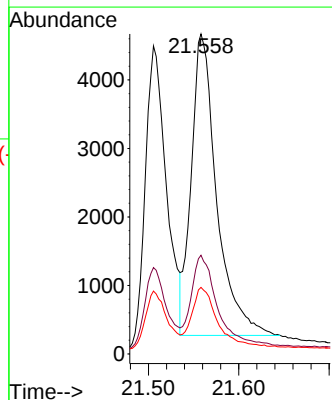
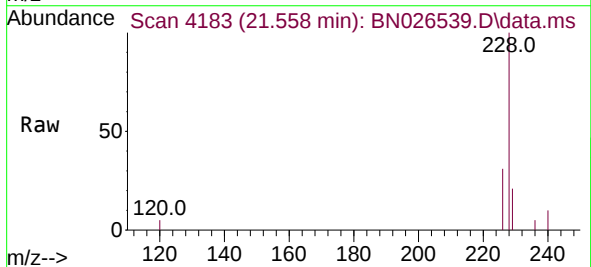
Instrument :
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SLCS904

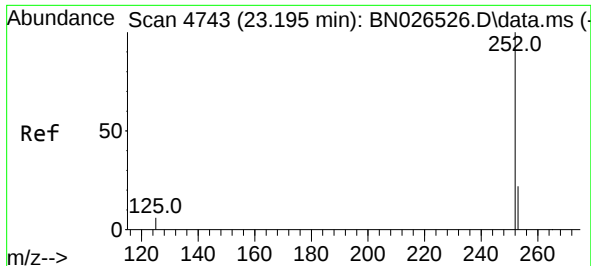
Tgt Ion:228 Resp: 7345
Ion Ratio Lower Upper
228 100
229 20.4 16.7 25.1
226 28.0 23.5 35.3



#22
Chrysene
Concen: 0.317 ng/ul
RT: 21.558 min Scan# 4183
Delta R.T. 0.000 min
Lab File: BN026539.D
Acq: 17 Jul 2023 16:31

Tgt Ion:228 Resp: 8605
Ion Ratio Lower Upper
228 100
226 30.8 25.2 37.8
229 20.8 16.4 24.6

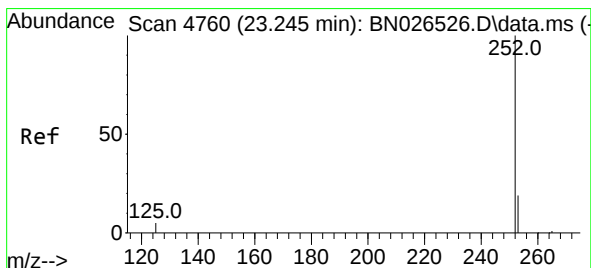
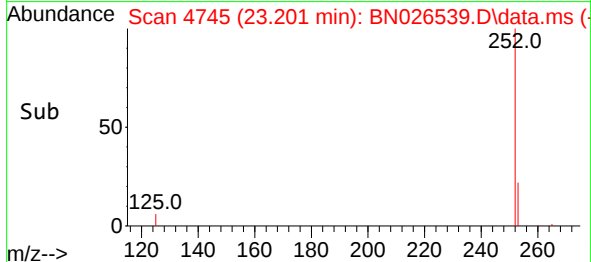
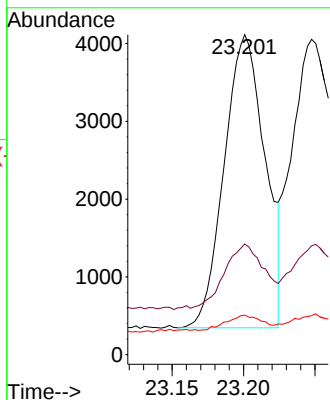
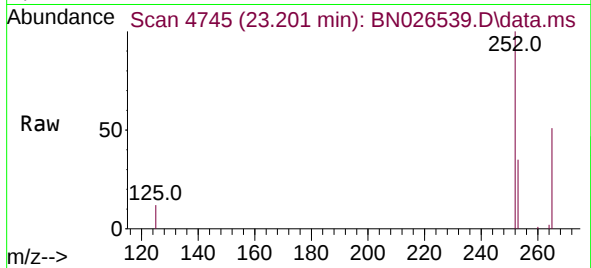




#24
Benzo(b)fluoranthene
Concen: 0.304 ng/ul
RT: 23.201 min Scan# 4745
Delta R.T. 0.006 min
Lab File: BN026539.D
Acq: 17 Jul 2023 16:31

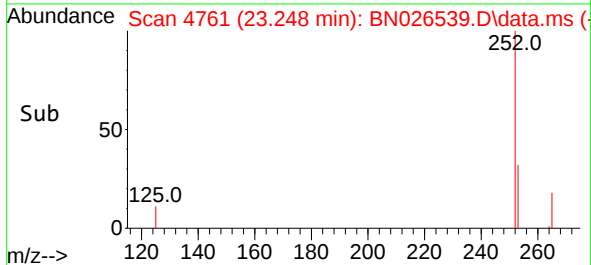
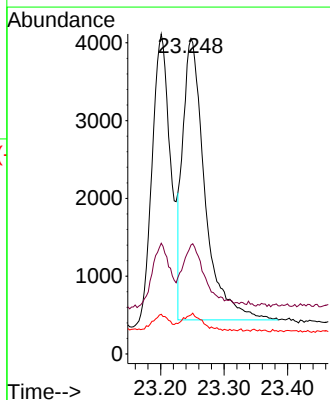
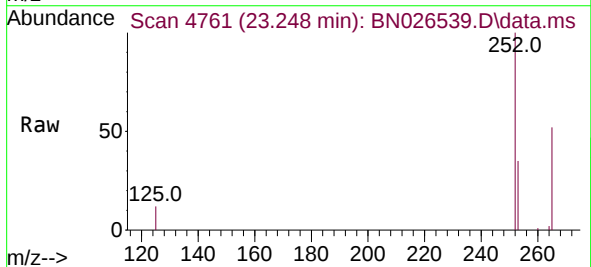
Instrument :
BNA_N
ClientSampleId :
SLCS904

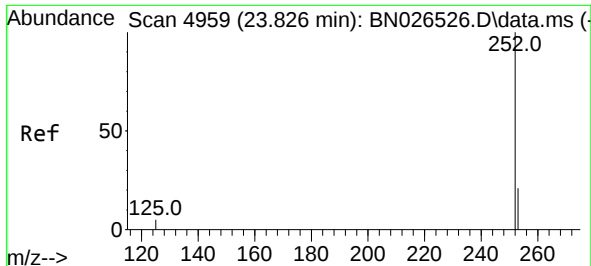
Tgt Ion:252 Resp: 7487
Ion Ratio Lower Upper
252 100
253 34.6 0.0 68.6
125 12.4 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.338 ng/ul
RT: 23.248 min Scan# 4761
Delta R.T. 0.003 min
Lab File: BN026539.D
Acq: 17 Jul 2023 16:31

Tgt Ion:252 Resp: 8735
Ion Ratio Lower Upper
252 100
253 34.6 27.2 40.8
125 12.4 13.4 20.2#

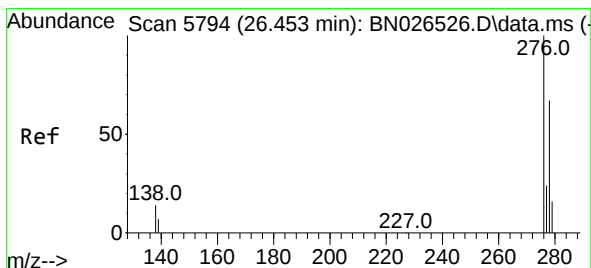
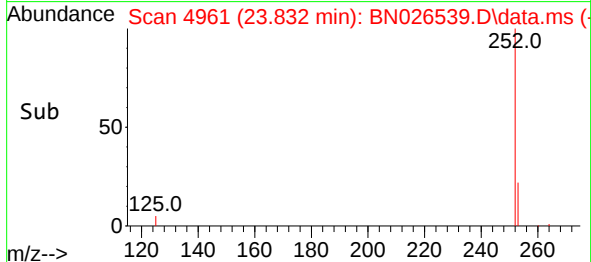
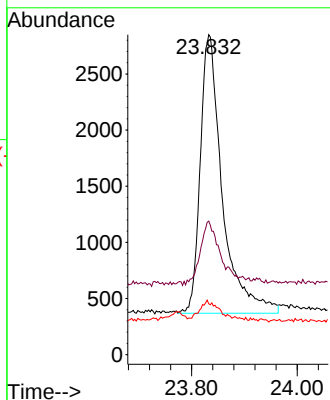
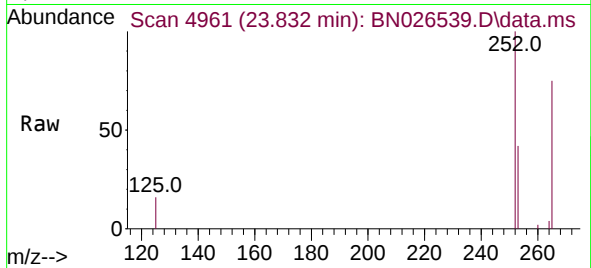




#26
Benzo(a)pyrene
Concen: 0.329 ng/ul
RT: 23.832 min Scan# 4959
Delta R.T. 0.006 min
Lab File: BN026539.D
Acq: 17 Jul 2023 16:31

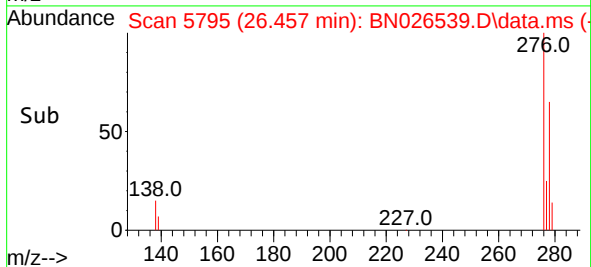
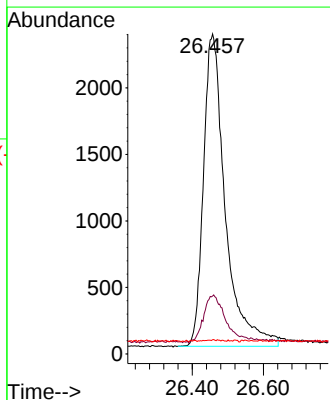
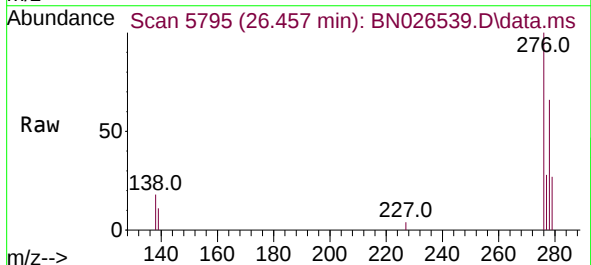
Instrument :
BNA_N
ClientSampleId :
SLCS904

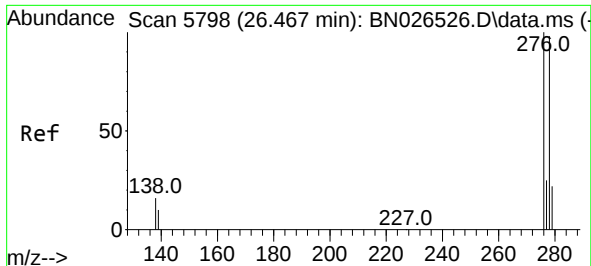
Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.7	32.6	49.0
125	15.9	19.3	28.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.347 ng/ul
RT: 26.457 min Scan# 5795
Delta R.T. 0.003 min
Lab File: BN026539.D
Acq: 17 Jul 2023 16:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.5	22.2	33.4
227	0.1	0.1	0.1

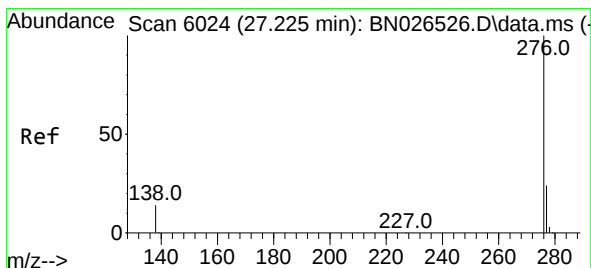
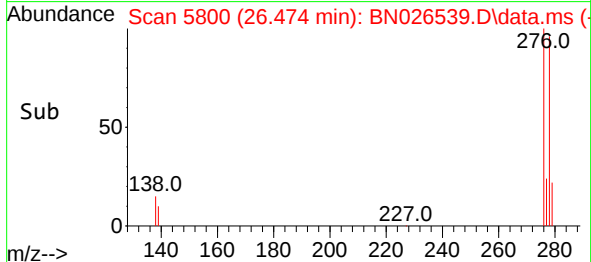
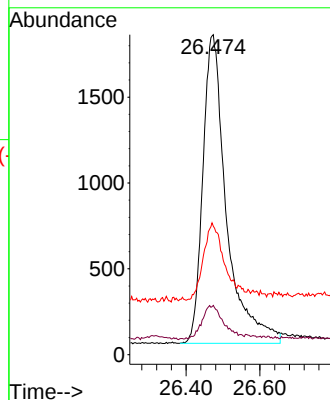
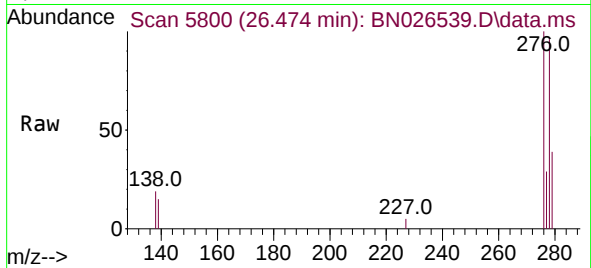




#28
Dibenzo(a,h)anthracene
Concen: 0.362 ng/ul
RT: 26.474 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN026539.D
Acq: 17 Jul 2023 16:31

Instrument :
BNA_N
ClientSampleId :
SLCS904

Tgt Ion:278 Resp: 7995
Ion Ratio Lower Upper
278 100
139 15.4 18.9 28.3#
279 40.1 31.3 46.9



#29
Benzo(g,h,i)perylene
Concen: 0.344 ng/ul
RT: 27.235 min Scan# 6027
Delta R.T. 0.010 min
Lab File: BN026539.D
Acq: 17 Jul 2023 16:31

Tgt Ion:276 Resp: 8739
Ion Ratio Lower Upper
276 100
138 16.8 22.6 34.0#
277 26.9 21.8 32.8

