

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
 Data File : BN026531.D
 Acq On : 17 Jul 2023 11:34
 Operator : MA/JU
 Sample : 03457-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C53

Quant Time: Jul 18 03:03:41 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)

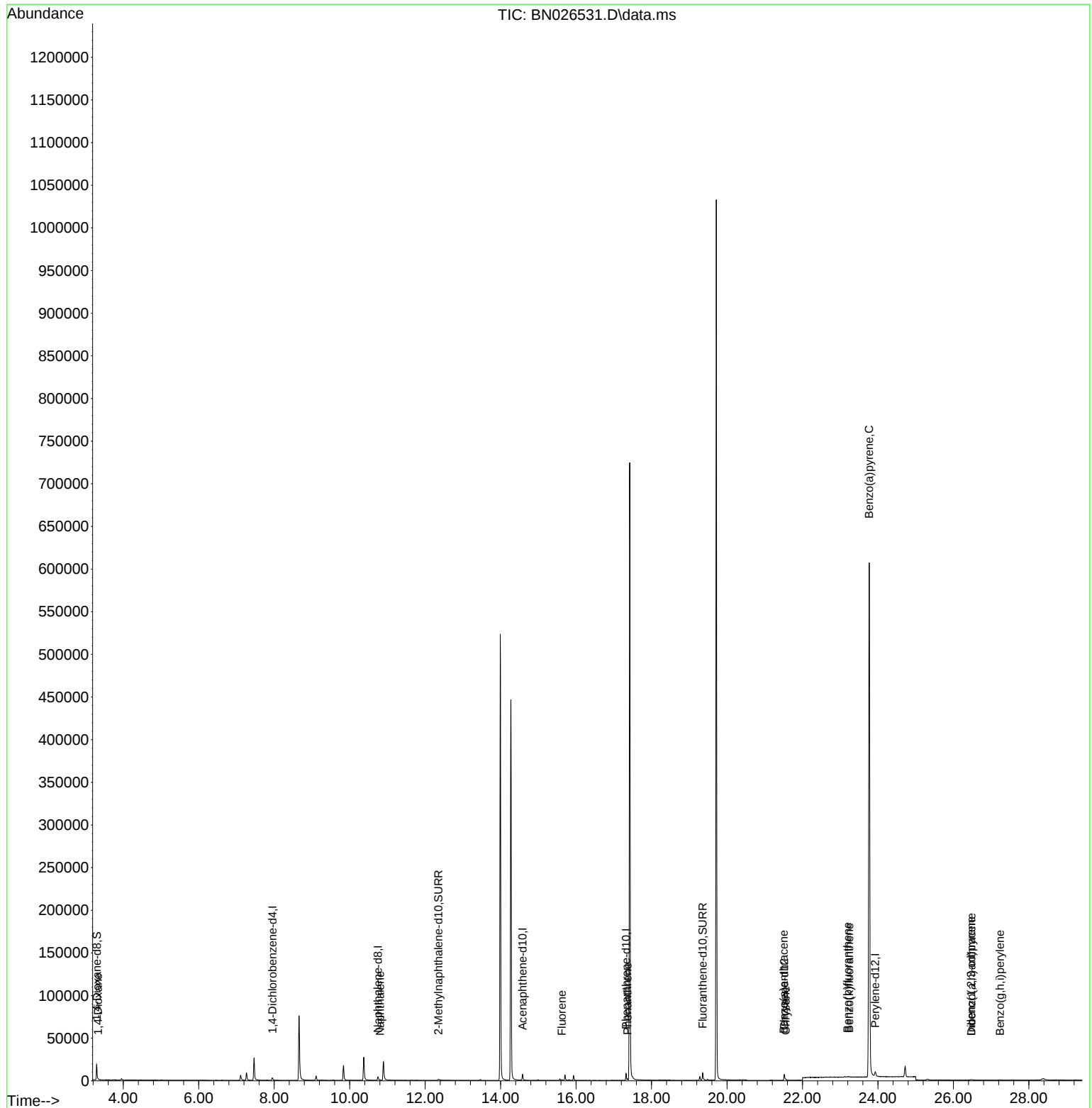
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	2105	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	6482	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	4190	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	9775	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.517	240	8386	0.400	ng/ul	# 0.00
23) Perylene-d12	23.929	264	8490	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	12197	4.400	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	2720	0.309	ng/ul	0.00
18) Fluoranthene-d10	19.354	212	10671	0.367	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	463	0.176	ng/ul#	79
5) Naphthalene	10.803	128	468	0.026	ng/ul#	58
12) Fluorene	15.625	166	587	0.036	ng/ul#	96
15) Phenanthrene	17.364	178	1680	0.054	ng/ul#	88
21) Benzo(a)anthracene	21.505	228	654	0.021	ng/ul#	79
22) Chrysene	21.555	228	757	0.022	ng/ul#	78
24) Benzo(b)fluoranthene	23.195	252	795	0.024	ng/ul#	1
25) Benzo(k)fluoranthene	23.242	252	746	0.022	ng/ul#	1
26) Benzo(a)pyrene	23.768	252	3783	0.128	ng/ul#	58
27) Indeno(1,2,3-cd)pyrene	26.470	276	814	0.021	ng/ul#	70
28) Dibenzo(a,h)anthracene	26.477	278	608	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	27.235	276	748	0.022	ng/ul#	38

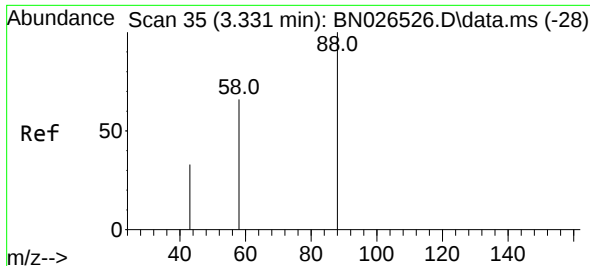
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 18 03:03:41 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

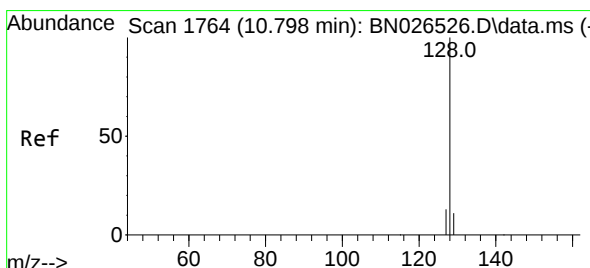
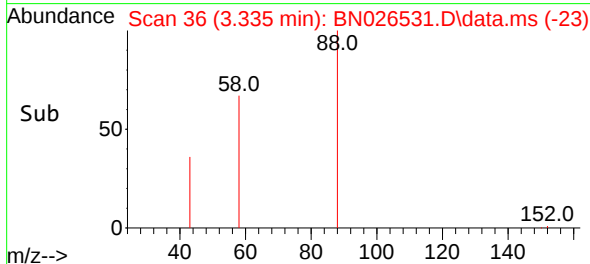
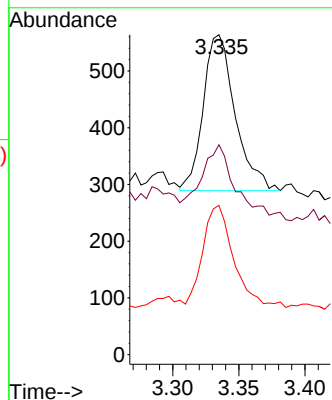
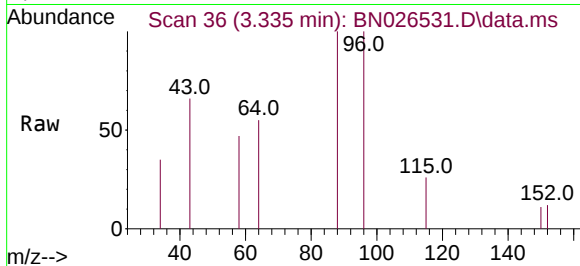




#2
 1,4-Dioxane
 Concen: 0.176 ng/ul
 RT: 3.335 min Scan# 30
 Delta R.T. 0.004 min
 Lab File: BN026531.D
 Acq: 17 Jul 2023 11:34

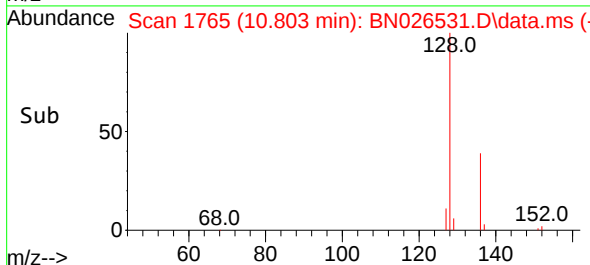
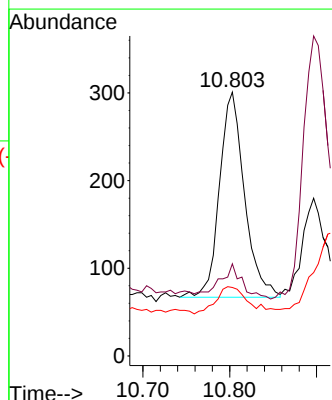
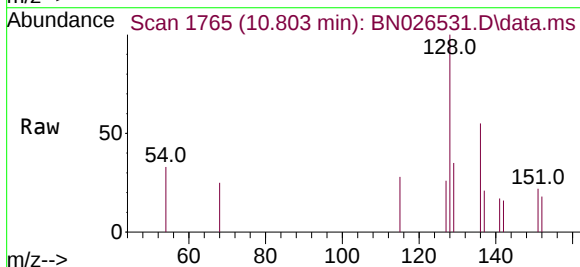
Instrument :
 BNA_N
 ClientSampleId :
 C0C53

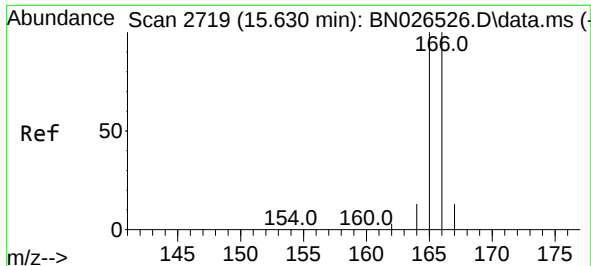
Tgt Ion: 88 Resp: 463
 Ion Ratio Lower Upper
 88 100
 43 65.6 33.0 49.6#
 58 46.6 41.7 62.5



#5
 Naphthalene
 Concen: 0.026 ng/ul
 RT: 10.803 min Scan# 1765
 Delta R.T. 0.005 min
 Lab File: BN026531.D
 Acq: 17 Jul 2023 11:34

Tgt Ion: 128 Resp: 468
 Ion Ratio Lower Upper
 128 100
 129 34.9 10.2 15.2#
 127 25.9 11.4 17.0#

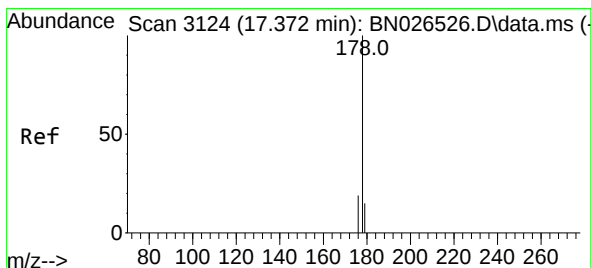
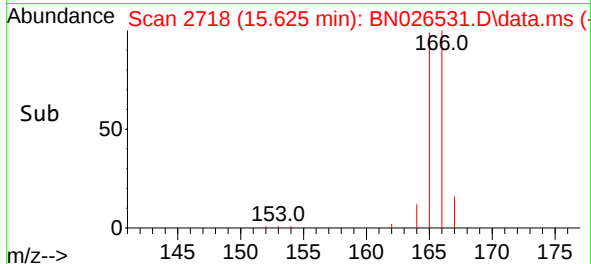
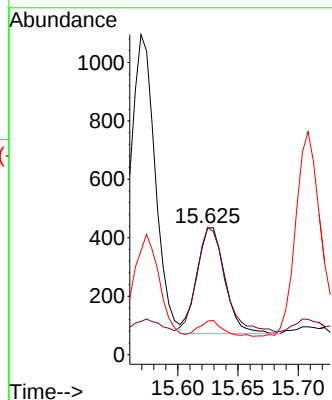
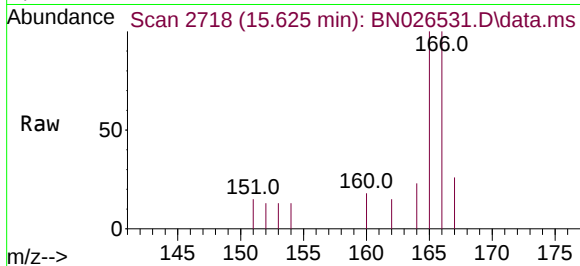




#12
 Fluorene
 Concen: 0.036 ng/ul
 RT: 15.625 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN026531.D
 Acq: 17 Jul 2023 11:34

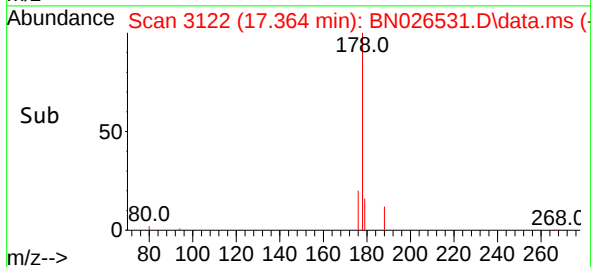
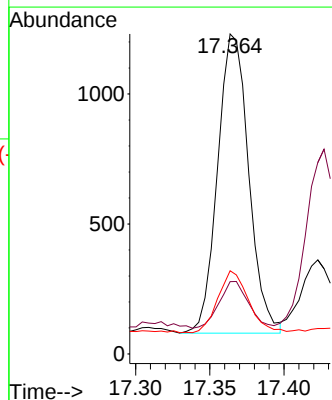
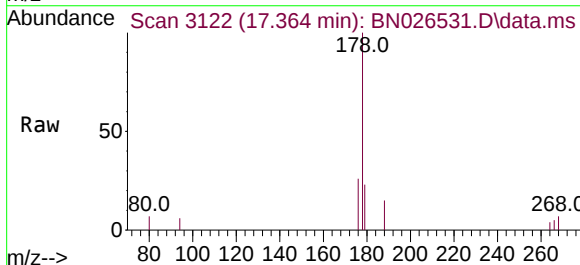
Instrument :
 BNA_N
 ClientSampleId :
 C0C53

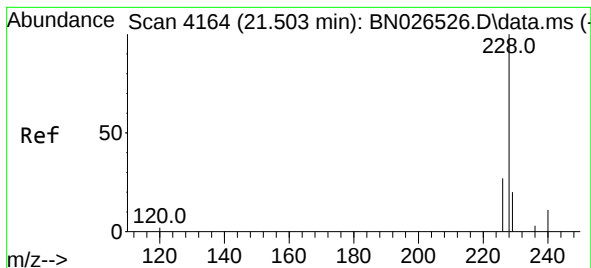
Tgt Ion:166 Resp: 587
 Ion Ratio Lower Upper
 166 100
 165 100.5 80.6 120.8
 167 26.5 12.0 18.0#



#15
 Phenanthrene
 Concen: 0.054 ng/ul
 RT: 17.364 min Scan# 3122
 Delta R.T. -0.009 min
 Lab File: BN026531.D
 Acq: 17 Jul 2023 11:34

Tgt Ion:178 Resp: 1680
 Ion Ratio Lower Upper
 178 100
 179 22.6 13.7 20.5#
 176 26.0 16.5 24.7#





#21

Benzo(a)anthracene

Concen: 0.021 ng/u1

RT: 21.505 min Scan# 4164

Delta R.T. 0.003 min

Lab File: BN026531.D

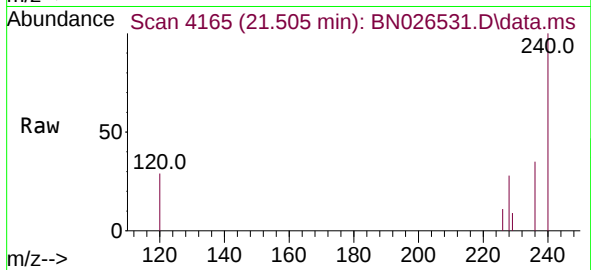
Acq: 17 Jul 2023 11:34

Instrument :

BNA_N

ClientSampleId :

C0C53



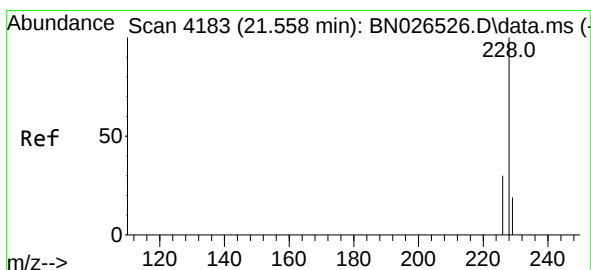
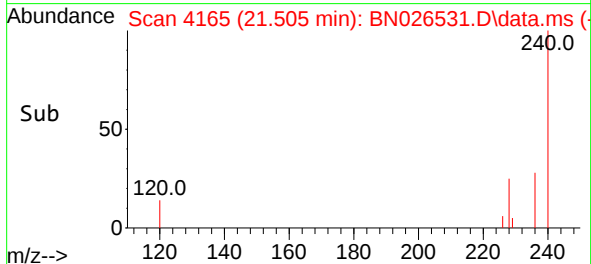
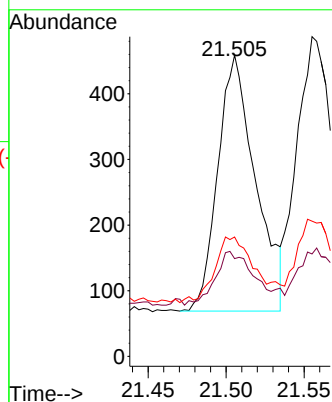
Tgt Ion:228 Resp: 654

Ion Ratio Lower Upper

228 100

229 32.5 16.7 25.1#

226 39.7 23.5 35.3#



#22

Chrysene

Concen: 0.022 ng/u1

RT: 21.555 min Scan# 4182

Delta R.T. -0.003 min

Lab File: BN026531.D

Acq: 17 Jul 2023 11:34

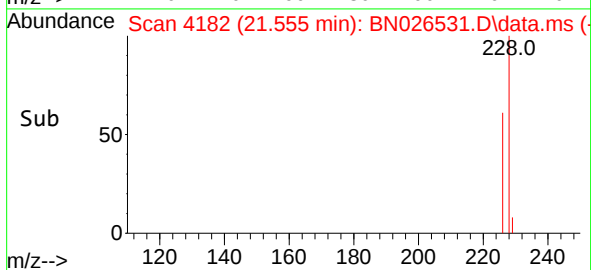
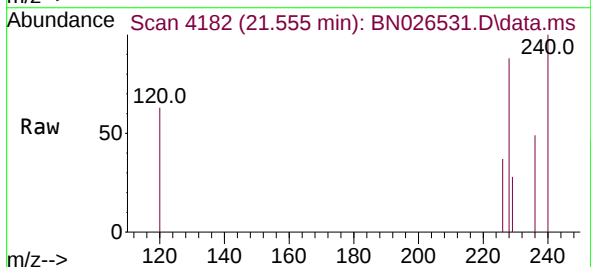
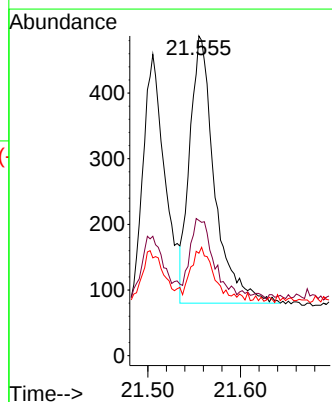
Tgt Ion:228 Resp: 757

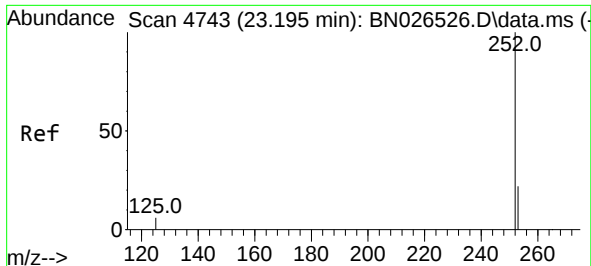
Ion Ratio Lower Upper

228 100

226 42.3 25.2 37.8#

229 32.0 16.4 24.6#

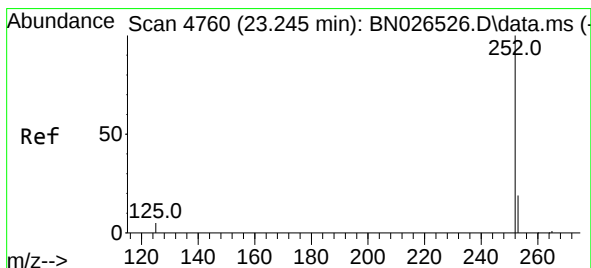
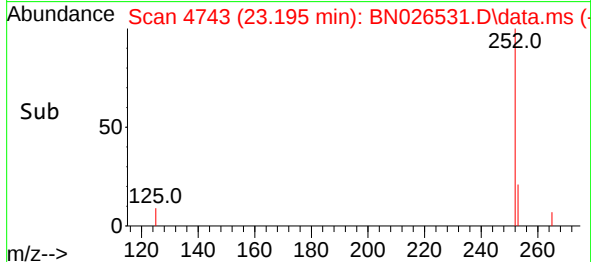
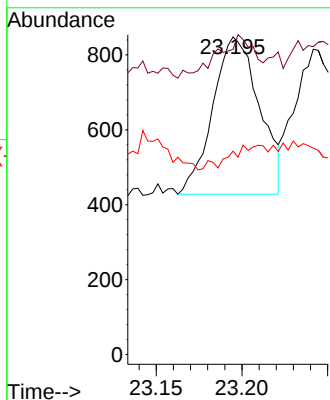
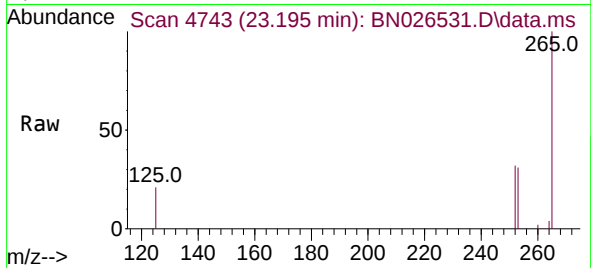




#24
Benzo(b)fluoranthene
Concen: 0.024 ng/ul
RT: 23.195 min Scan# 4743
Delta R.T. -0.000 min
Lab File: BN026531.D
Acq: 17 Jul 2023 11:34

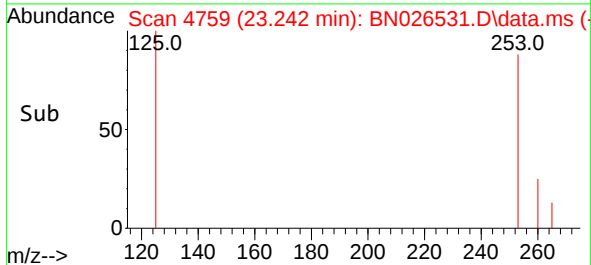
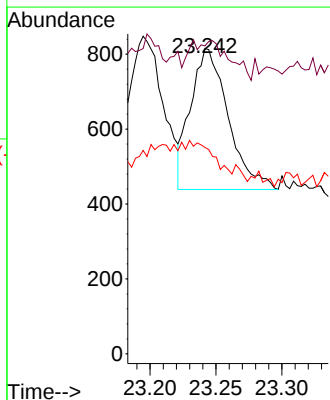
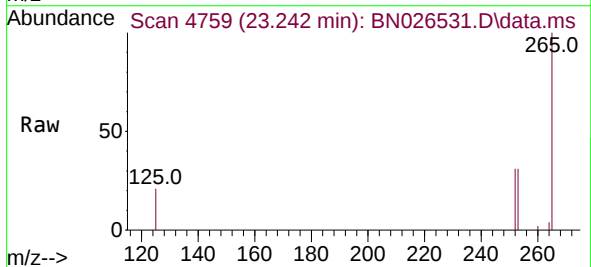
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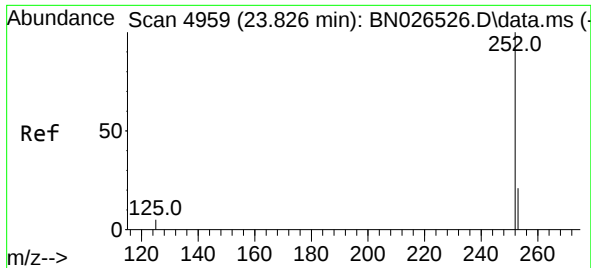
Tgt Ion:252 Resp: 795
Ion Ratio Lower Upper
252 100
253 96.1 0.0 68.6#
125 64.0 0.0 34.0#



#25
Benzo(k)fluoranthene
Concen: 0.022 ng/ul
RT: 23.242 min Scan# 4759
Delta R.T. -0.003 min
Lab File: BN026531.D
Acq: 17 Jul 2023 11:34

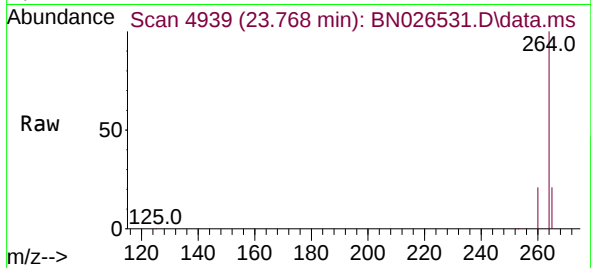
Tgt Ion:252 Resp: 746
Ion Ratio Lower Upper
252 100
253 100.9 27.2 40.8#
125 67.6 13.4 20.2#



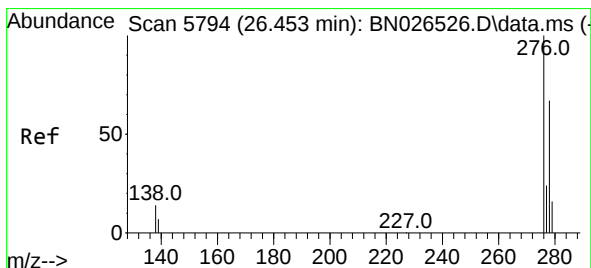
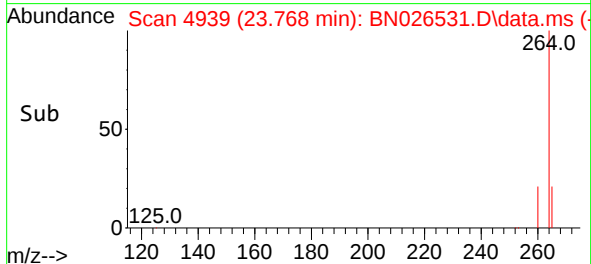
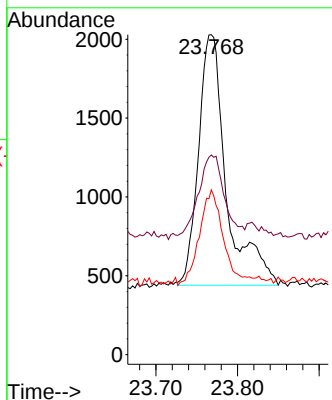


#26
Benzo(a)pyrene
Concen: 0.128 ng/ul
RT: 23.768 min Scan# 4959
Delta R.T. -0.059 min
Lab File: BN026531.D
Acq: 17 Jul 2023 11:34

Instrument :
BNA_N
ClientSampleId :
C0C53

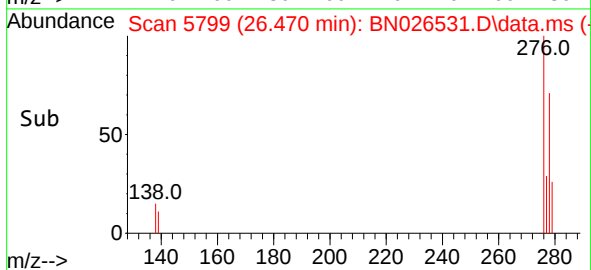
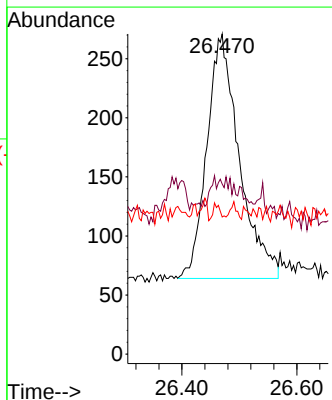
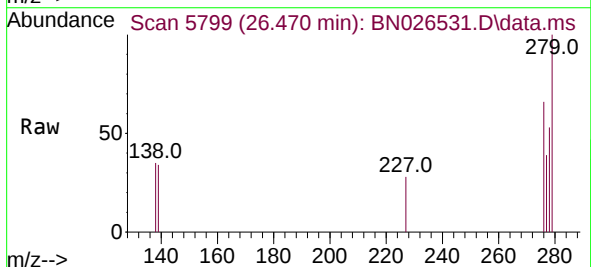


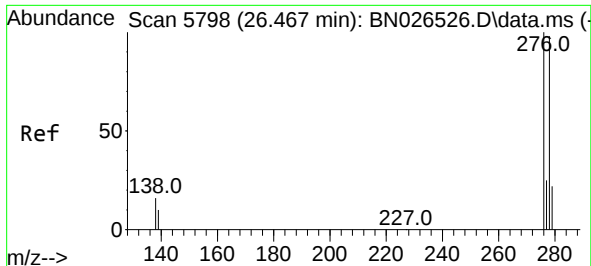
Tgt Ion:252 Resp: 3783
Ion Ratio Lower Upper
252 100
253 62.4 32.6 49.0#
125 51.5 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng/ul
RT: 26.470 min Scan# 5799
Delta R.T. 0.017 min
Lab File: BN026531.D
Acq: 17 Jul 2023 11:34

Tgt Ion:276 Resp: 814
Ion Ratio Lower Upper
276 100
138 12.0 22.2 33.4#
227 1.1 0.1 0.1#

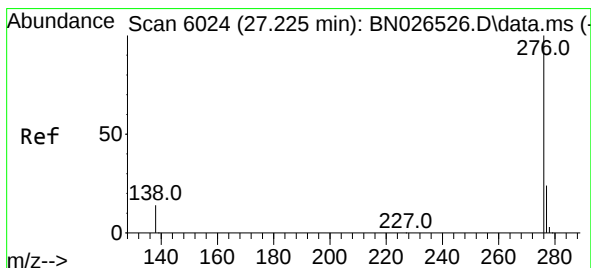
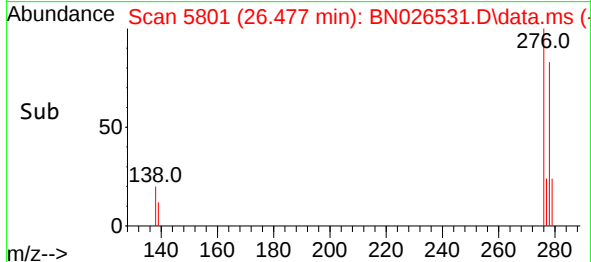
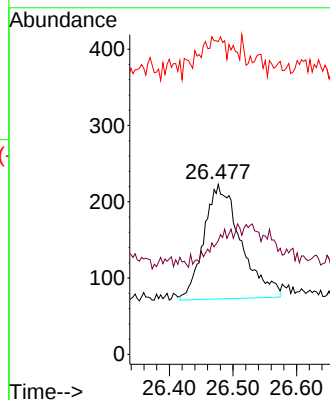
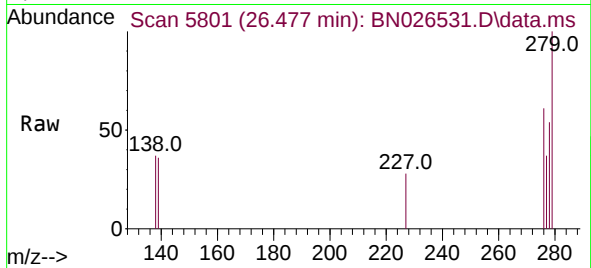




#28
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 26.477 min Scan# 5801
Delta R.T. 0.010 min
Lab File: BN026531.D
Acq: 17 Jul 2023 11:34

Instrument :
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Tgt Ion:278 Resp: 608
Ion Ratio Lower Upper
278 100
139 66.8 18.9 28.3#
279 183.9 31.3 46.9#



#29
Benzo(g,h,i)perylene
Concen: 0.022 ng/ul
RT: 27.235 min Scan# 6027
Delta R.T. 0.010 min
Lab File: BN026531.D
Acq: 17 Jul 2023 11:34

Tgt Ion:276 Resp: 748
Ion Ratio Lower Upper
276 100
138 58.1 22.6 34.0#
277 62.4 21.8 32.8#

