

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024186.D
 Acq On : 09 Mar 2023 02:38
 Operator : CG/JU
 Sample : 01746-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAE0

Quant Time: Mar 09 03:53:00 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 03:48:21 2023
 Response via : Initial Calibration

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

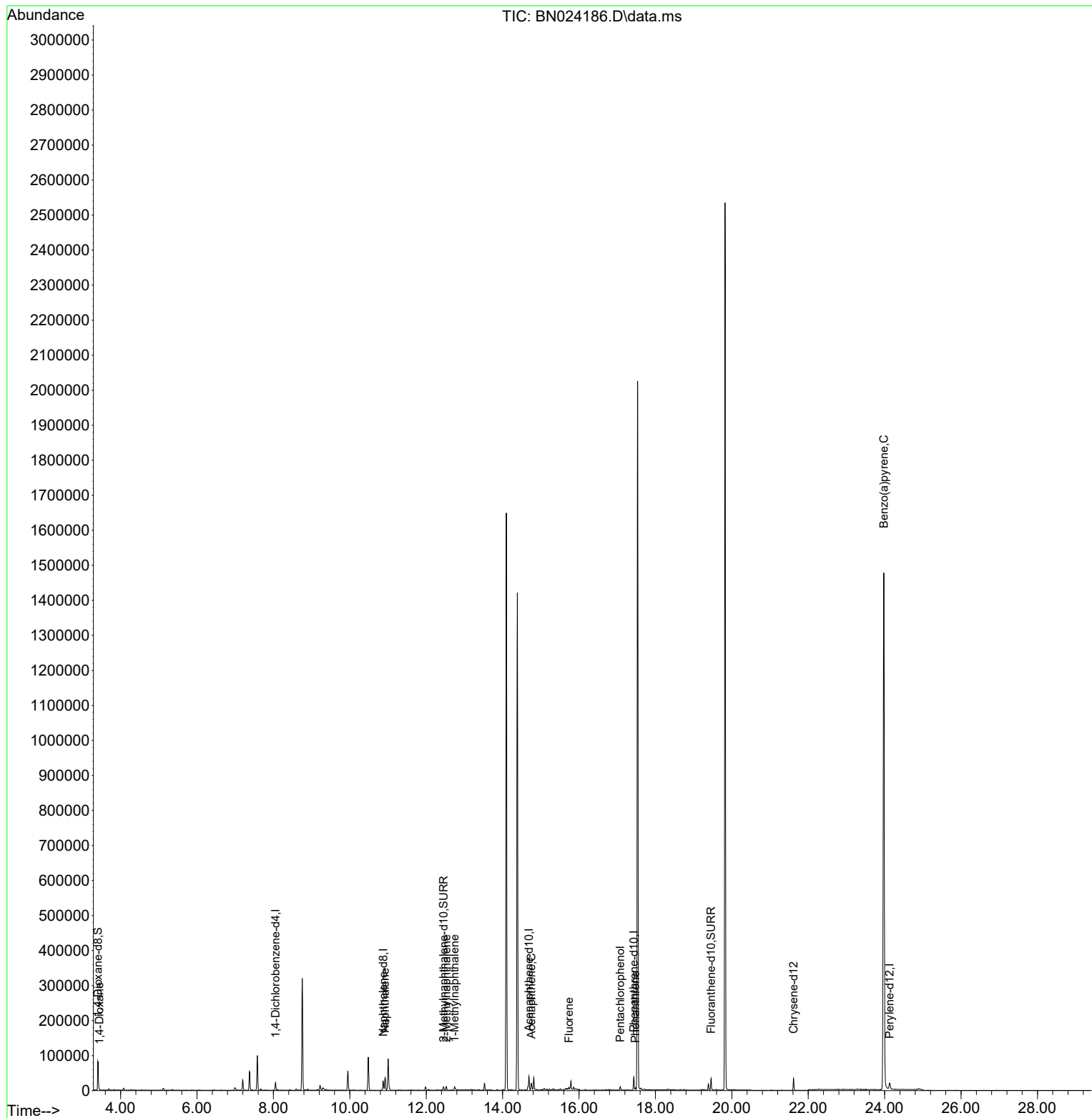
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	10714	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	33117	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	19807	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.434	188	40644	0.400	ng/ul	0.00
17) Chrysene-d12	21.615	240	31081	0.400	ng/ul	-0.01
23) Perylene-d12	24.129	264	28220	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	49782	4.222	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	11983	0.305	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	31929	0.386	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.443	88	303	0.024	ng/ul#	36
5) Naphthalene	10.922	128	48721	0.589	ng/ul	100
7) 2-Methylnaphthalene	12.528	142	7568	0.151	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	6519	0.124	ng/ul	96
11) Acenaphthene	14.749	153	11937	0.187	ng/ul	99
12) Fluorene	15.735	166	4949	0.070	ng/ul#	92
14) Pentachlorophenol	17.076	266	6318	0.560	ng/ul#	73
15) Phenanthrene	17.472	178	6448	0.055	ng/ul#	90
26) Benzo(a)pyrene	23.977	252	8724	0.094	ng/ul#	70

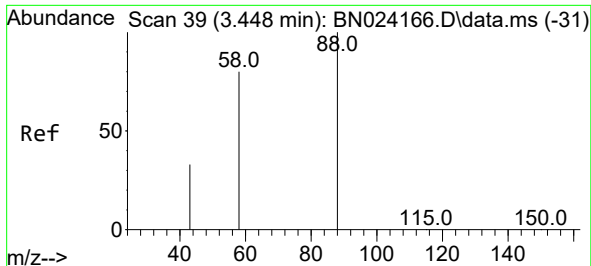
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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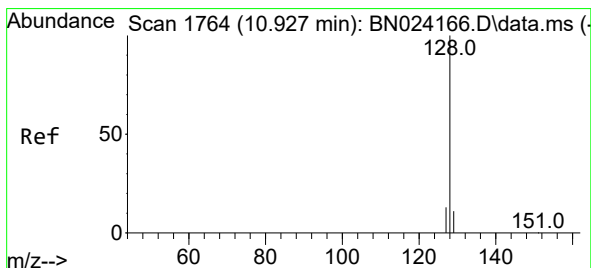
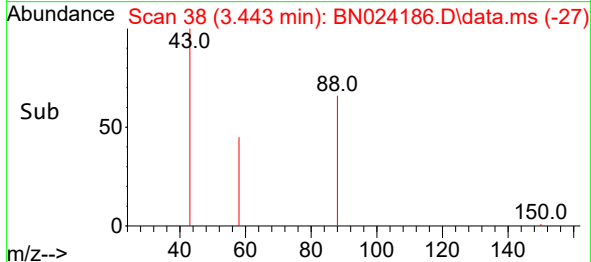
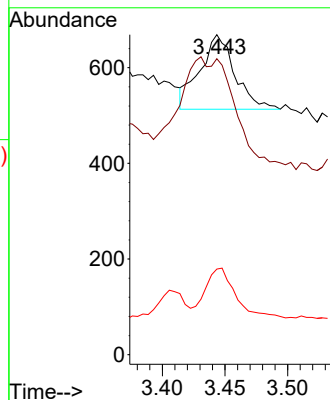
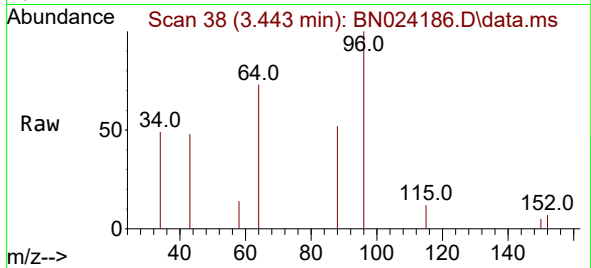




#2
1,4-Dioxane
Concen: 0.024 ng/ul
RT: 3.443 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN024186.D
Acq: 09 Mar 2023 02:38

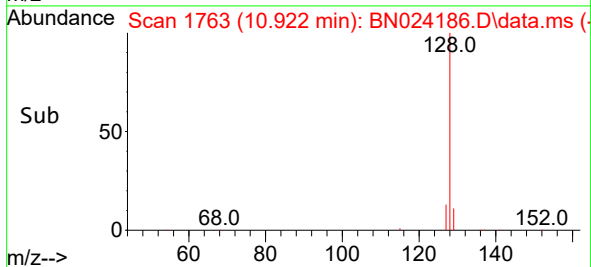
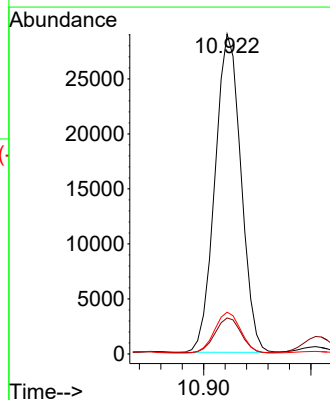
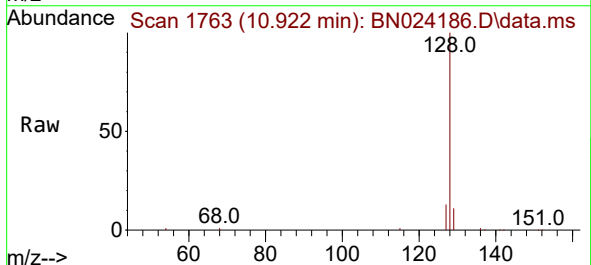
Instrument :
BNA_N
ClientSampleId :
DCAE0

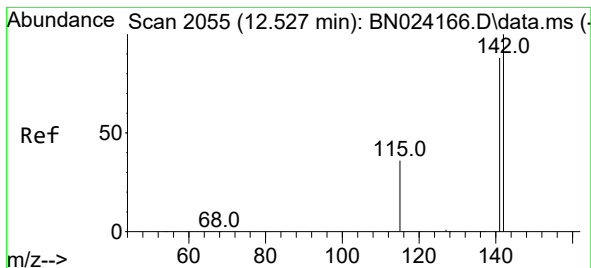
Tgt Ion: 88 Resp: 303
Ion Ratio Lower Upper
88 100
43 92.5 32.1 48.1#
58 26.8 55.1 82.7#



#5
Naphthalene
Concen: 0.589 ng/ul
RT: 10.922 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BN024186.D
Acq: 09 Mar 2023 02:38

Tgt Ion:128 Resp: 48721
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.1 10.5 15.7

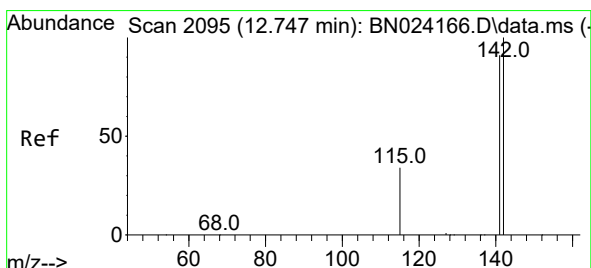
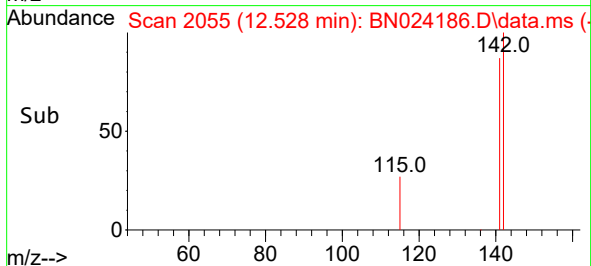
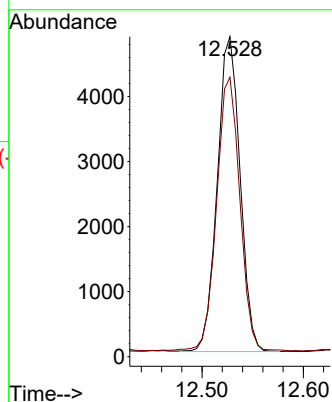
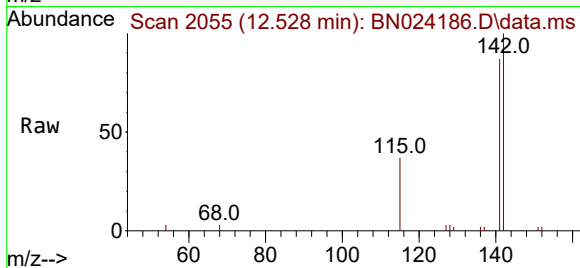




#7
2-Methylnaphthalene
Concen: 0.151 ng/ul
RT: 12.528 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BN024186.D
Acq: 09 Mar 2023 02:38

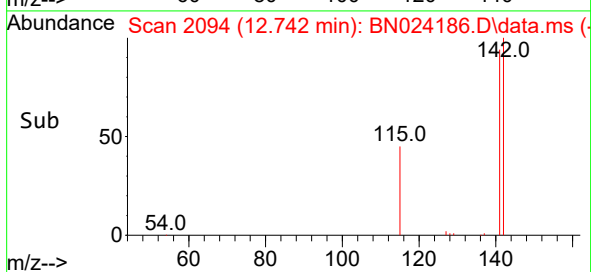
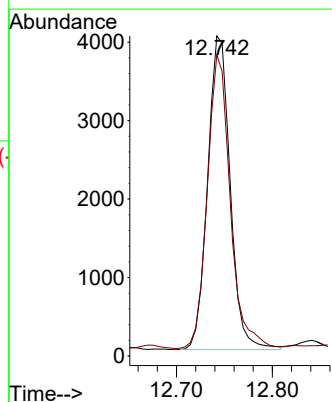
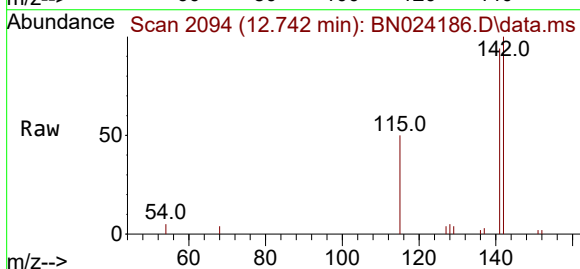
Instrument :
BNA_N
ClientSampleId :
DCAE0

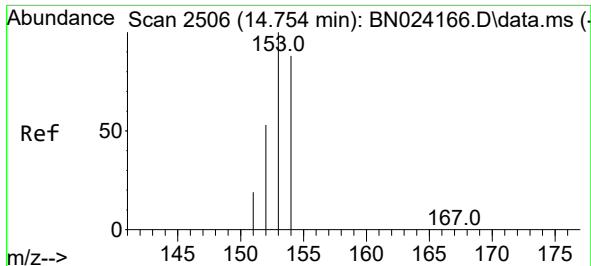
Tgt Ion:142 Resp: 7568
Ion Ratio Lower Upper
142 100
141 88.7 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.124 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BN024186.D
Acq: 09 Mar 2023 02:38

Tgt Ion:142 Resp: 6519
Ion Ratio Lower Upper
142 100
141 95.1 73.0 109.6

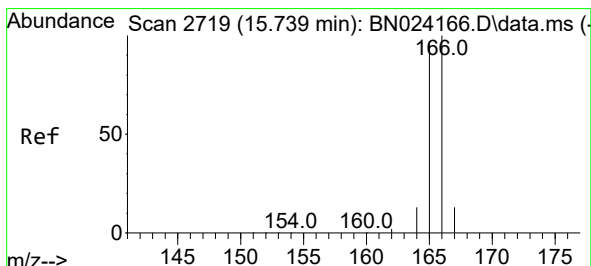
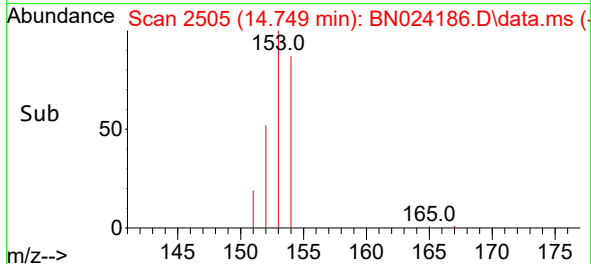
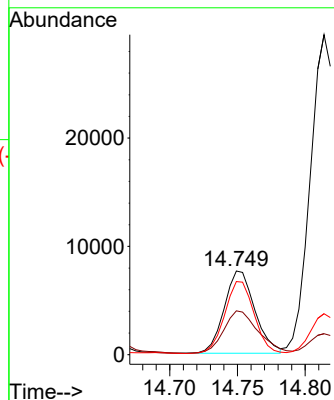
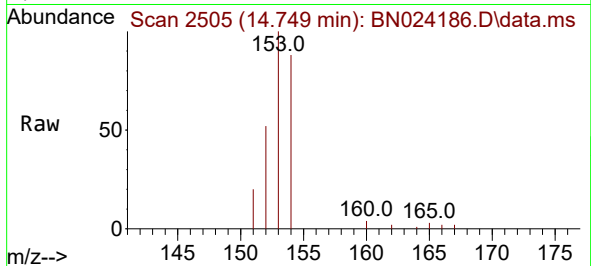




#11
Acenaphthene
Concen: 0.187 ng/ul
RT: 14.749 min Scan# 2505
Delta R.T. -0.005 min
Lab File: BN024186.D
Acq: 09 Mar 2023 02:38

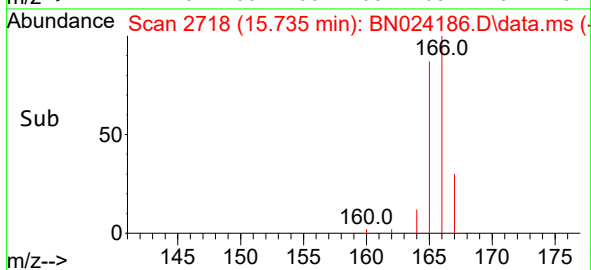
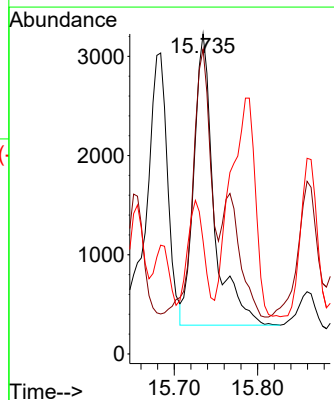
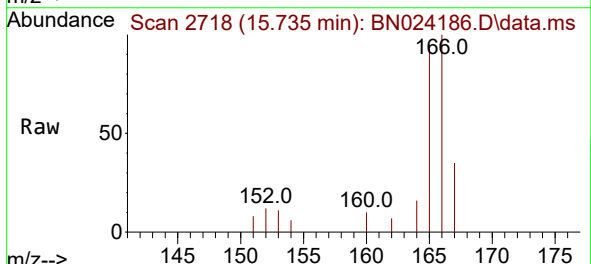
Instrument :
BNA_N
ClientSampleId :
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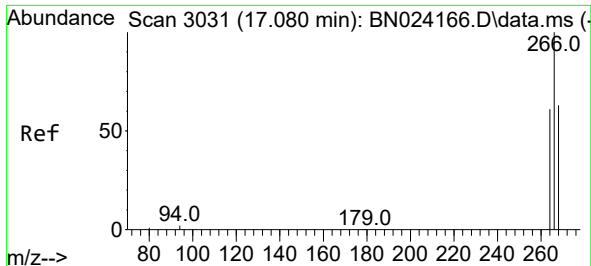
Tgt Ion:153 Resp: 11937
Ion Ratio Lower Upper
153 100
152 52.4 42.6 64.0
154 87.5 70.6 105.8



#12
Fluorene
Concen: 0.070 ng/ul
RT: 15.735 min Scan# 2718
Delta R.T. -0.000 min
Lab File: BN024186.D
Acq: 09 Mar 2023 02:38

Tgt Ion:166 Resp: 4949
Ion Ratio Lower Upper
166 100
165 95.3 77.4 116.0
167 35.3 10.9 16.3#

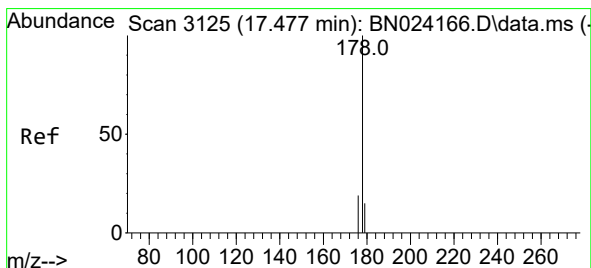
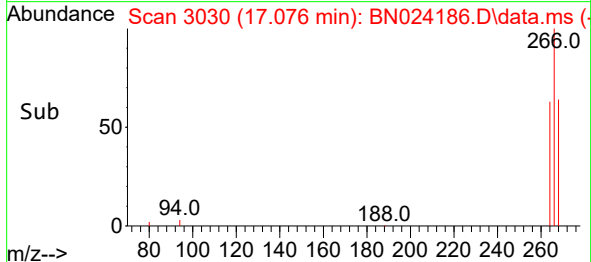
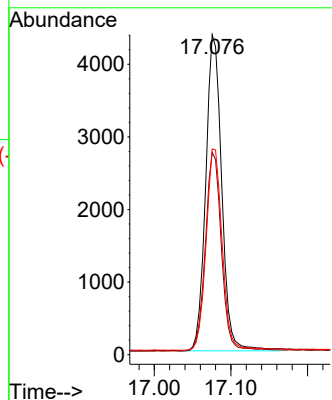
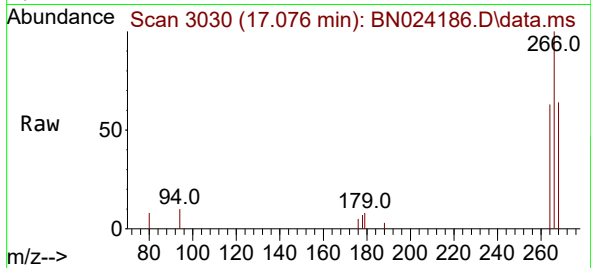




#14
 Pentachlorophenol
 Concen: 0.560 ng/ul
 RT: 17.076 min Scan# 3031
 Delta R.T. -0.004 min
 Lab File: BN024186.D
 Acq: 09 Mar 2023 02:38

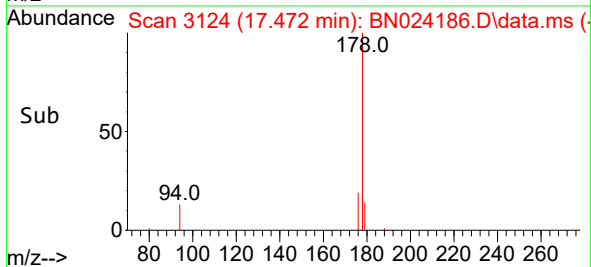
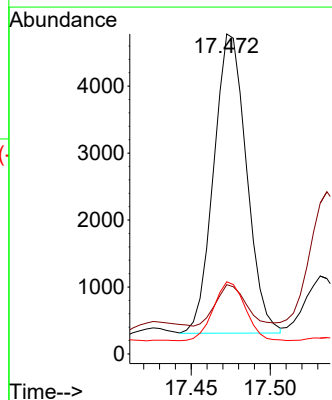
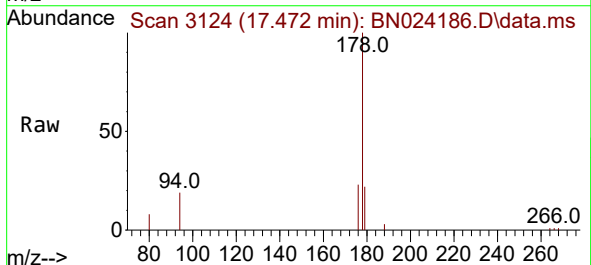
Instrument :
 BNA_N
 ClientSampleId :
 DCAE0

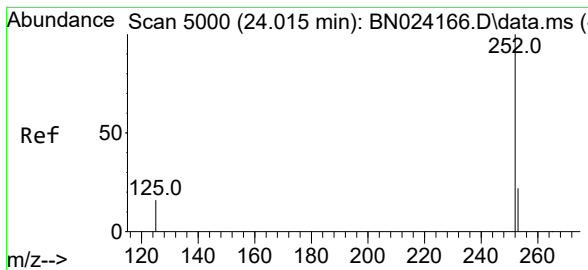
Tgt Ion:266 Resp: 6318
 Ion Ratio Lower Upper
 266 100
 264 63.1 0.0 0.0#
 268 64.2 0.1 0.1#



#15
 Phenanthrene
 Concen: 0.055 ng/ul
 RT: 17.472 min Scan# 3124
 Delta R.T. -0.004 min
 Lab File: BN024186.D
 Acq: 09 Mar 2023 02:38

Tgt Ion:178 Resp: 6448
 Ion Ratio Lower Upper
 178 100
 179 21.7 12.2 18.2#
 176 22.5 15.7 23.5





#26

Benzo(a)pyrene

Concen: 0.094 ng/ul

RT: 23.977 min Scan# 4987

Delta R.T. -0.050 min

Lab File: BN024186.D

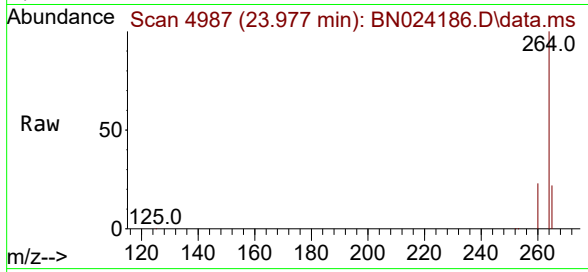
Acq: 09 Mar 2023 02:38

Instrument :

BNA_N

ClientSampleId :

DCAE0



Tgt Ion:252 Resp: 8724

Ion Ratio Lower Upper

252 100

253 36.1 19.2 28.8#

125 36.2 15.8 23.6#

