

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024185.D
 Acq On : 09 Mar 2023 02:02
 Operator : CG/JU
 Sample : 01746-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAE4

Quant Time: Mar 09 03:52:51 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)

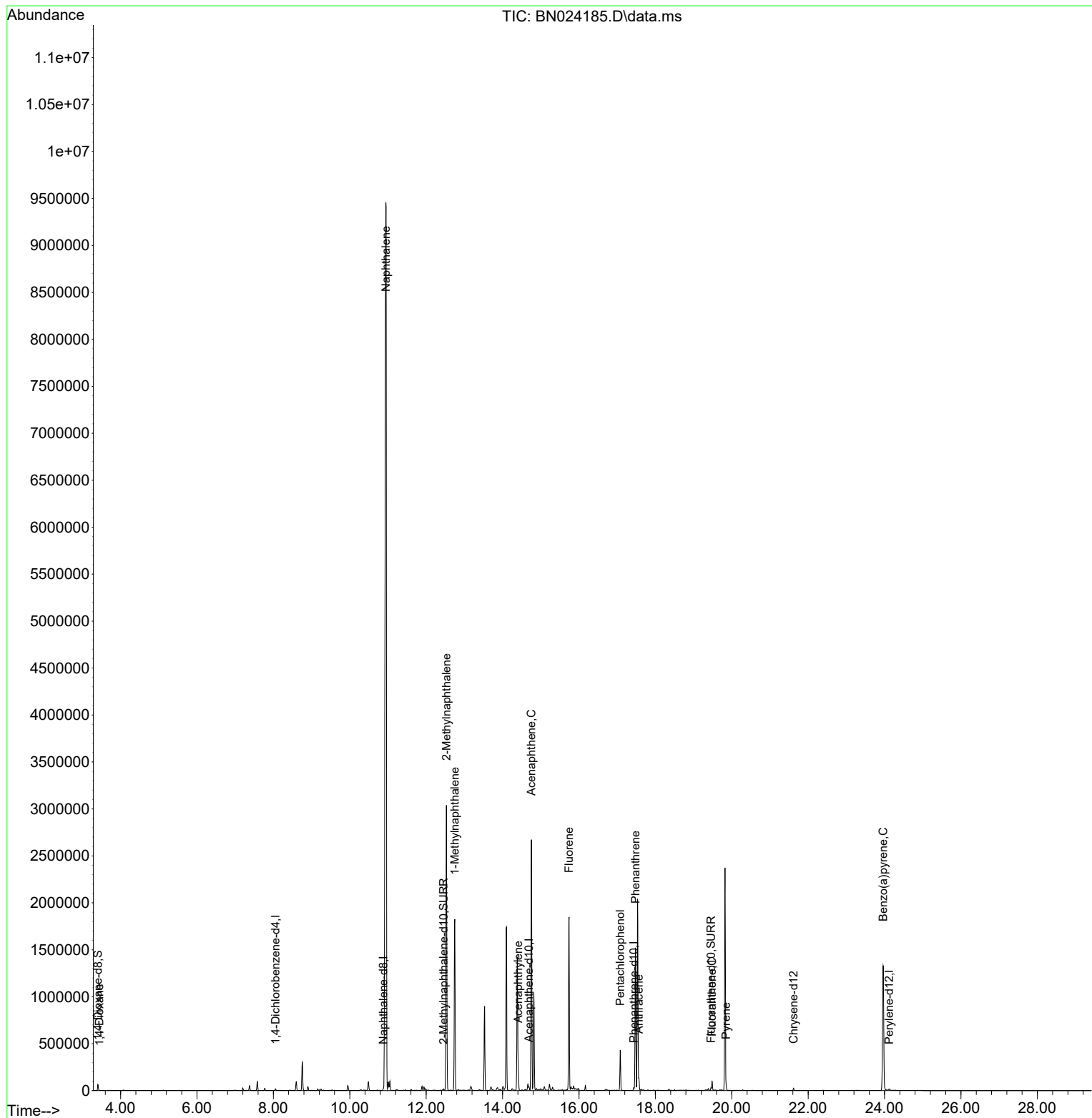
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	8672	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	27236	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	18364	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.435	188	32667	0.400	ng/ul	0.00
17) Chrysene-d12	21.618	240	23900	0.400	ng/ul	0.00
23) Perylene-d12	24.120	264	21920	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	39054	4.092	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	12653	0.391	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	29792	0.468	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.444	88	257	0.025	ng/ul#	26
5) Naphthalene	10.944	128	18745067	275.732	ng/ul	97
7) 2-Methylnaphthalene	12.528	142	2170341	52.623	ng/ul	99
8) 1-Methylnaphthalene	12.748	142	1264445	29.172	ng/ul	99
10) Acenaphthylene	14.411	152	203497	2.656	ng/ul	98
11) Acenaphthene	14.754	153	1532279	25.958	ng/ul	97
12) Fluorene	15.739	166	1169884	17.747	ng/ul	100
14) Pentachlorophenol	17.080	266	255313	28.139	ng/ul#	73
15) Phenanthrene	17.477	178	1601550	17.117	ng/ul	100
16) Anthracene	17.570	178	125898	1.533	ng/ul	100
19) Fluoranthene	19.483	202	79275	0.833	ng/ul	96
20) Pyrene	19.850	202	41715	0.432	ng/ul#	94
26) Benzo(a)pyrene	23.962	252	8166	0.113	ng/ul#	71

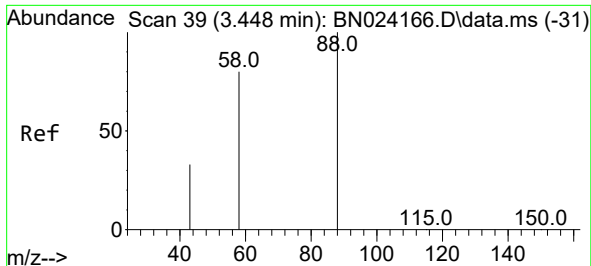
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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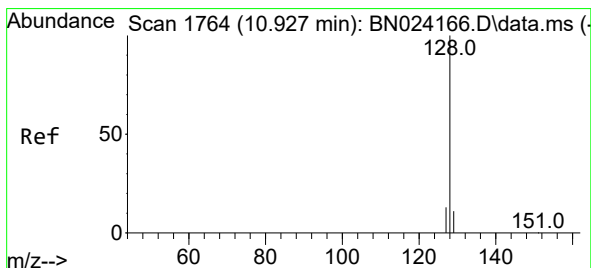
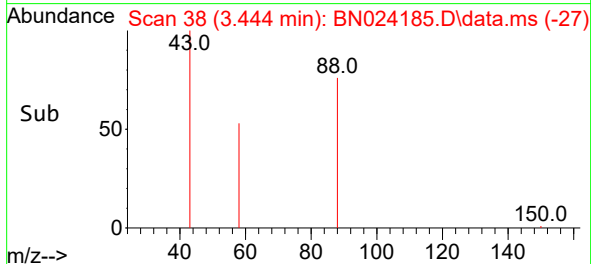
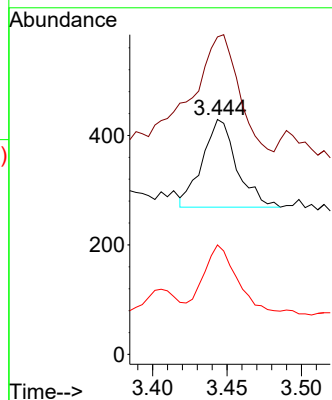
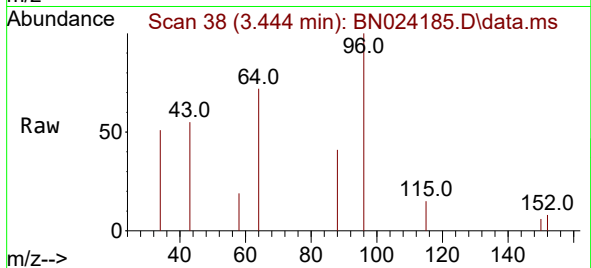




#2
1,4-Dioxane
Concen: 0.025 ng/ul
RT: 3.444 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN024185.D
Acq: 09 Mar 2023 02:02

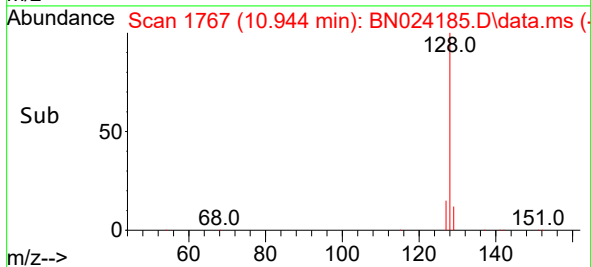
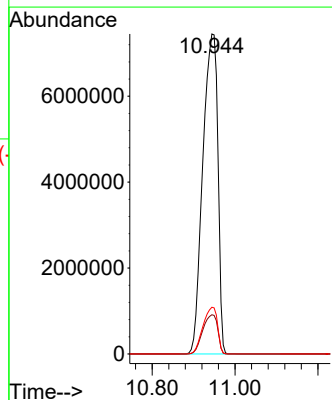
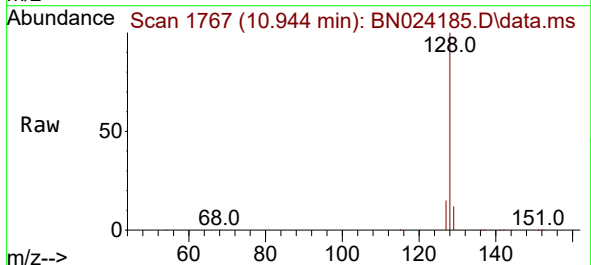
Instrument :
BNA_N
ClientSampleId :
DCAE4

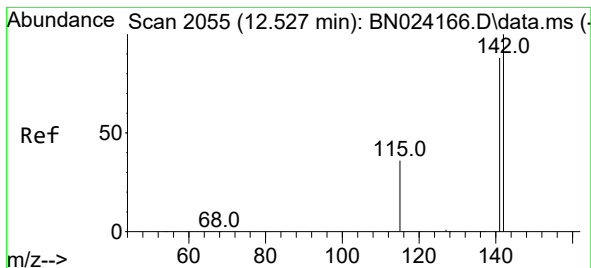
Tgt Ion: 88 Resp: 257
Ion Ratio Lower Upper
88 100
43 135.2 32.1 48.1#
58 46.6 55.1 82.7#



#5
Naphthalene
Concen: 275.732 ng/ul
RT: 10.944 min Scan# 1767
Delta R.T. 0.017 min
Lab File: BN024185.D
Acq: 09 Mar 2023 02:02

Tgt Ion:128 Resp:18745067
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.6
127 14.6 10.5 15.7

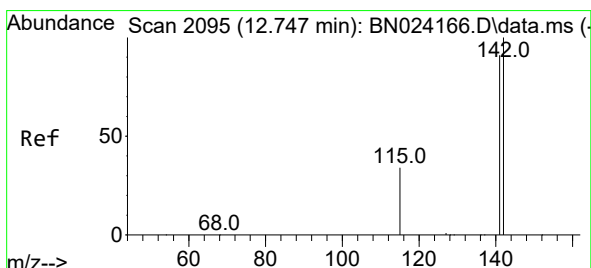
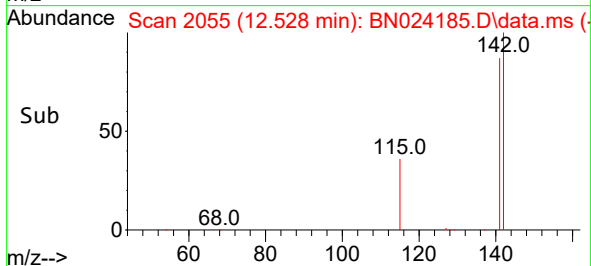
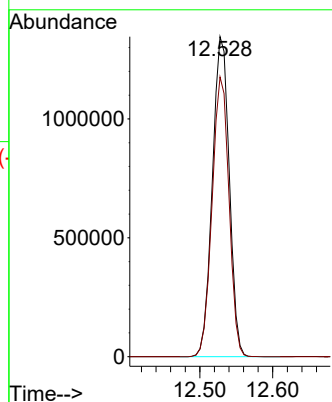
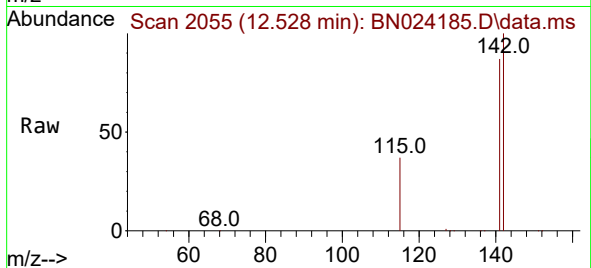




#7
2-Methylnaphthalene
Concen: 52.623 ng/ul
RT: 12.528 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN024185.D
Acq: 09 Mar 2023 02:02

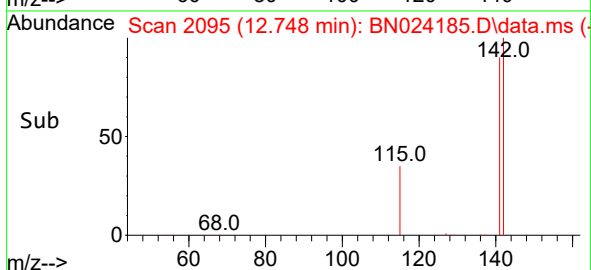
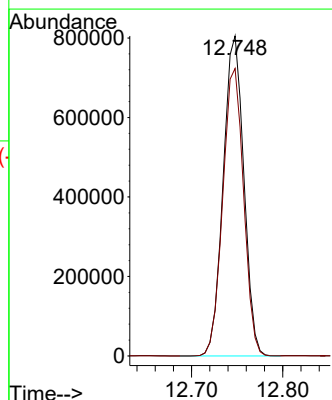
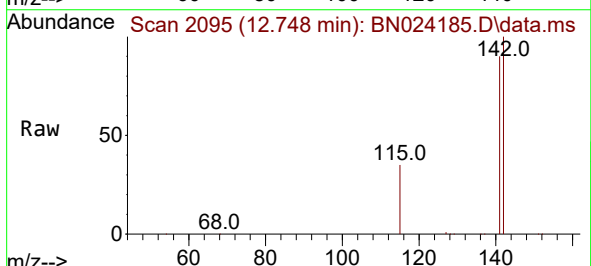
Instrument :
BNA_N
ClientSampleId :
DCAE4

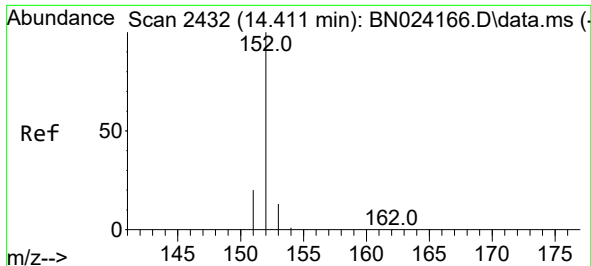
Tgt Ion:142 Resp: 2170341
Ion Ratio Lower Upper
142 100
141 87.3 70.3 105.5



#8
1-Methylnaphthalene
Concen: 29.172 ng/ul
RT: 12.748 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BN024185.D
Acq: 09 Mar 2023 02:02

Tgt Ion:142 Resp: 1264445
Ion Ratio Lower Upper
142 100
141 90.7 73.0 109.6

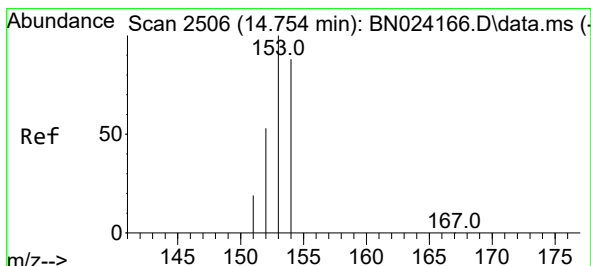
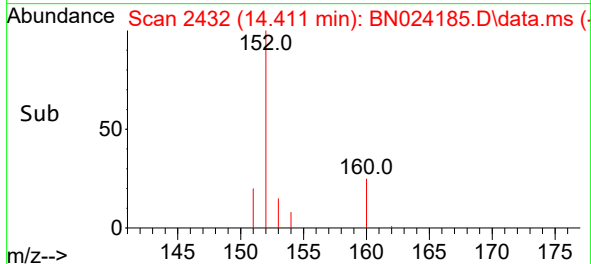
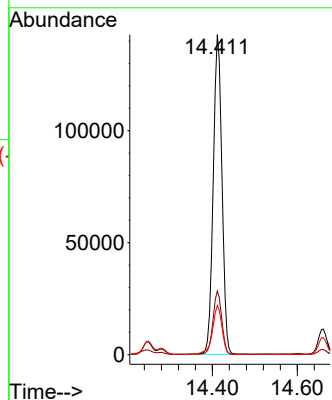
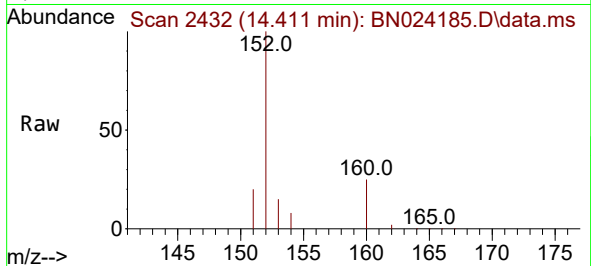




#10
Acenaphthylene
Concen: 2.656 ng/ul
RT: 14.411 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN024185.D
Acq: 09 Mar 2023 02:02

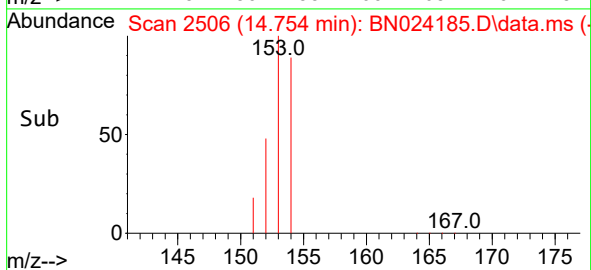
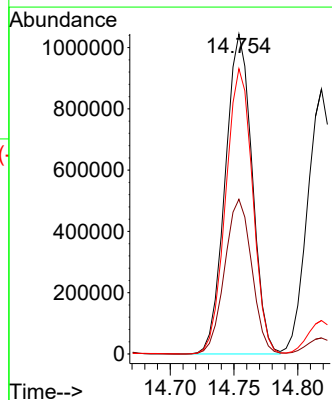
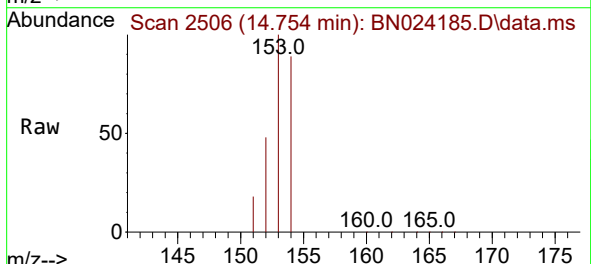
Instrument :
BNA_N
ClientSampleId :
DCAE4

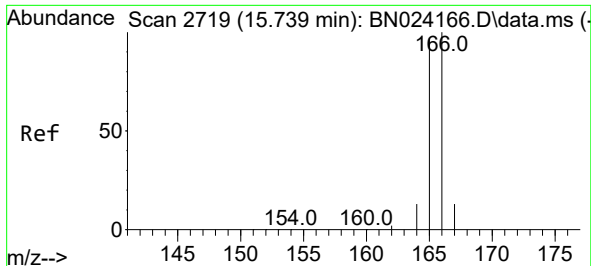
Tgt Ion:152 Resp: 203497
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 15.3 10.6 16.0



#11
Acenaphthene
Concen: 25.958 ng/ul
RT: 14.754 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BN024185.D
Acq: 09 Mar 2023 02:02

Tgt Ion:153 Resp: 1532279
Ion Ratio Lower Upper
153 100
152 48.4 42.6 64.0
154 89.1 70.6 105.8

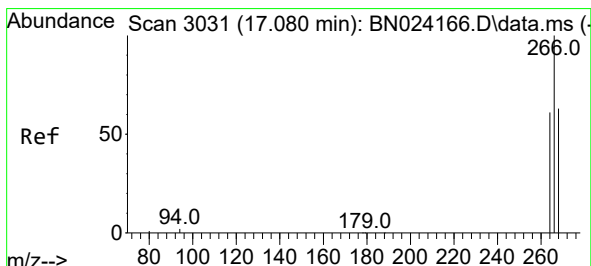
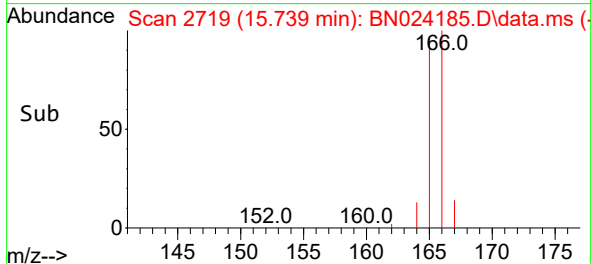
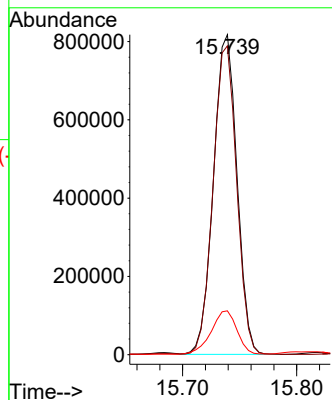
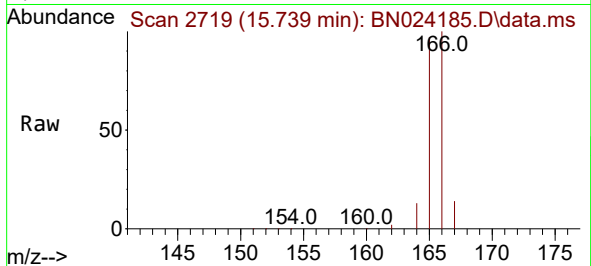




#12
Fluorene
Concen: 17.747 ng/ul
RT: 15.739 min Scan# 2719
Delta R.T. 0.005 min
Lab File: BN024185.D
Acq: 09 Mar 2023 02:02

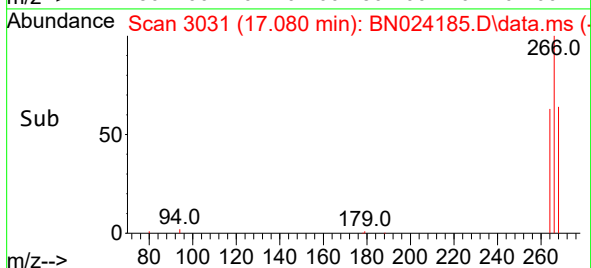
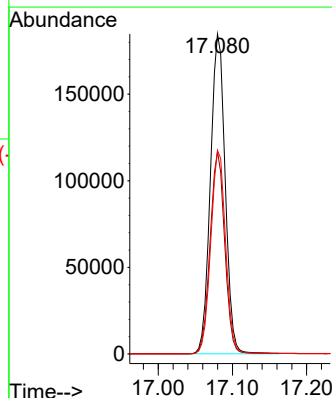
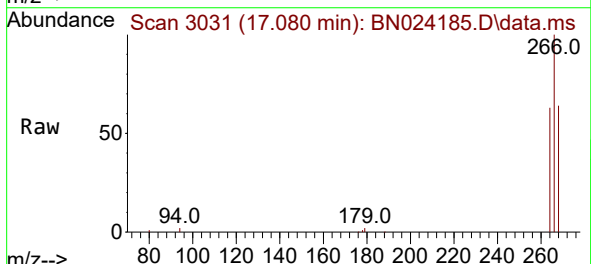
Instrument :
BNA_N
ClientSampleId :
DCAE4

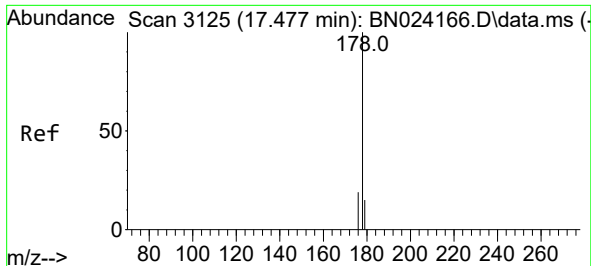
Tgt Ion:166 Resp: 1169884
Ion Ratio Lower Upper
166 100
165 96.5 77.4 116.0
167 13.7 10.9 16.3



#14
Pentachlorophenol
Concen: 28.139 ng/ul
RT: 17.080 min Scan# 3031
Delta R.T. 0.000 min
Lab File: BN024185.D
Acq: 09 Mar 2023 02:02

Tgt Ion:266 Resp: 255313
Ion Ratio Lower Upper
266 100
264 62.7 0.0 0.0#
268 63.9 0.1 0.1#

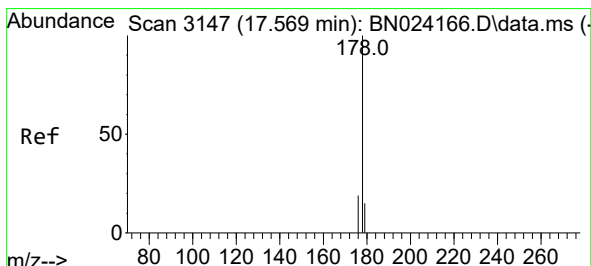
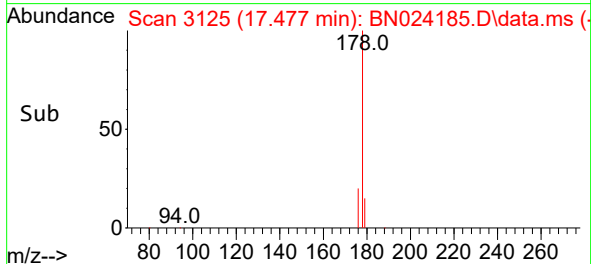
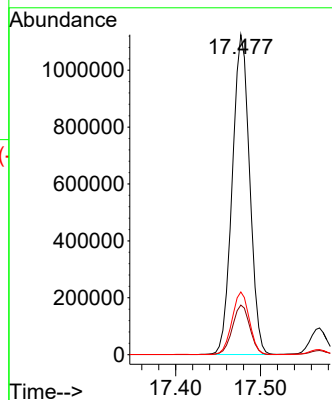
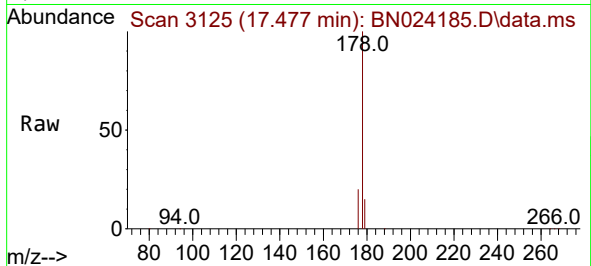




#15
Phenanthrene
Concen: 17.117 ng/ul
RT: 17.477 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BN024185.D
Acq: 09 Mar 2023 02:02

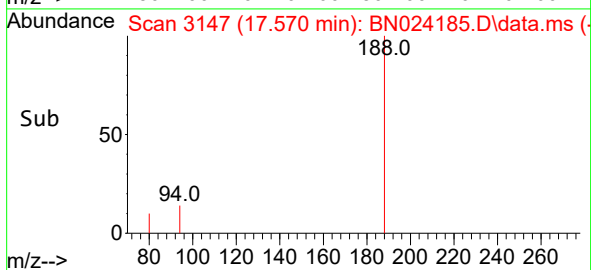
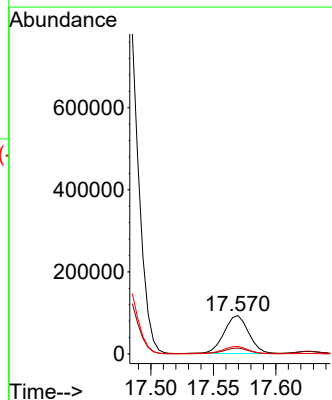
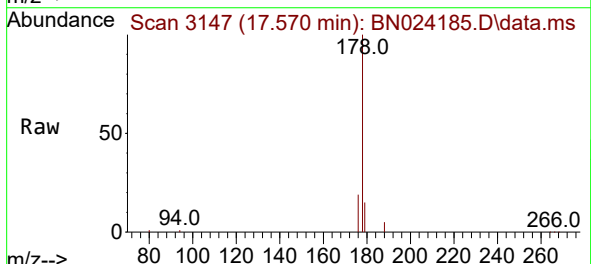
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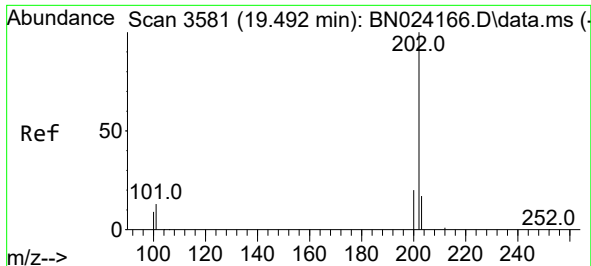
Tgt Ion:178 Resp: 1601550
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.6 15.7 23.5



#16
Anthracene
Concen: 1.533 ng/ul
RT: 17.570 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BN024185.D
Acq: 09 Mar 2023 02:02

Tgt Ion:178 Resp: 125898
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.4 15.3 22.9

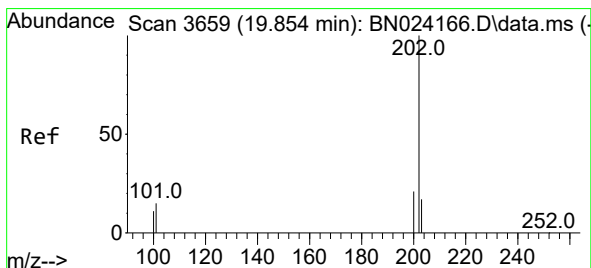
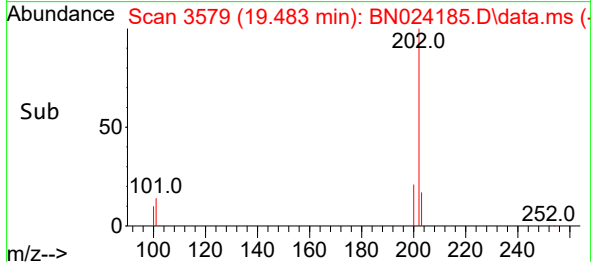
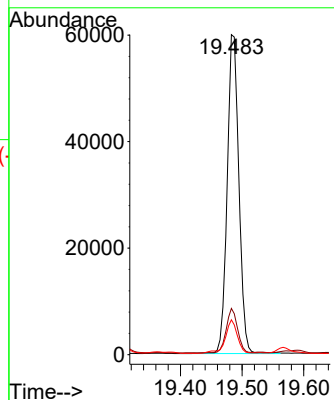
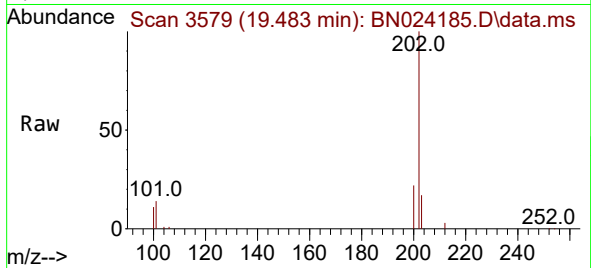




#19
Fluoranthene
Concen: 0.833 ng/ul
RT: 19.483 min Scan# 3579
Delta R.T. -0.005 min
Lab File: BN024185.D
Acq: 09 Mar 2023 02:02

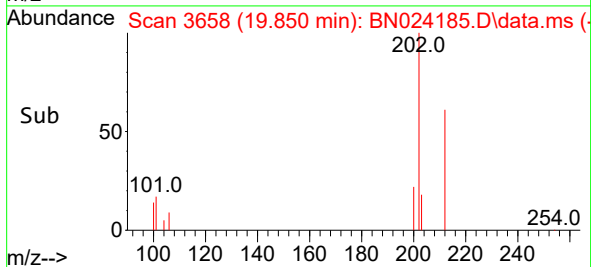
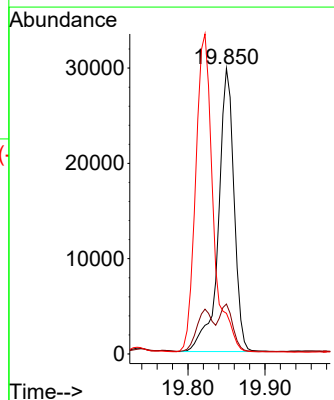
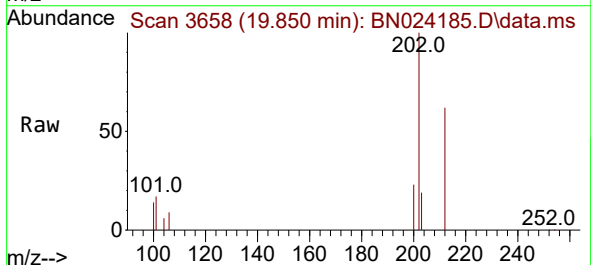
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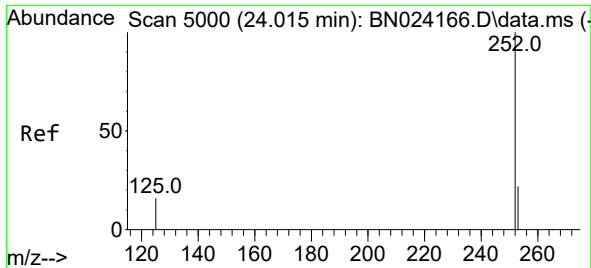
Tgt Ion:202 Resp: 79275
Ion Ratio Lower Upper
202 100
101 14.5 10.4 15.6
100 10.9 7.7 11.5



#20
Pyrene
Concen: 0.432 ng/ul
RT: 19.850 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN024185.D
Acq: 09 Mar 2023 02:02

Tgt Ion:202 Resp: 41715
Ion Ratio Lower Upper
202 100
101 17.5 12.1 18.1
100 14.2 9.4 14.0#





#26

Benzo(a)pyrene

Concen: 0.113 ng/ul

RT: 23.962 min Scan# 4982

Delta R.T. -0.064 min

Lab File: BN024185.D

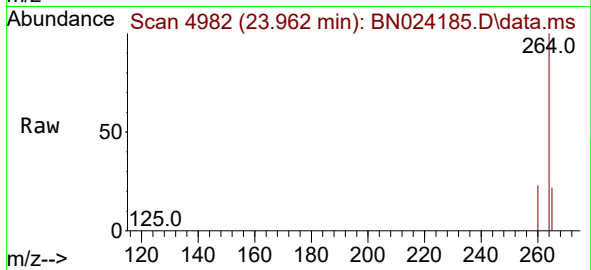
Acq: 09 Mar 2023 02:02

Instrument :

BNA_N

ClientSampleId :

DCAE4



Tgt Ion:252 Resp: 8166

Ion Ratio Lower Upper

252 100

253 36.5 19.2 28.8#

125 34.8 15.8 23.6#

