

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024183.D
 Acq On : 09 Mar 2023 00:49
 Operator : CG/JU
 Sample : 01746-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAE3

Quant Time: Mar 09 03:52:34 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)

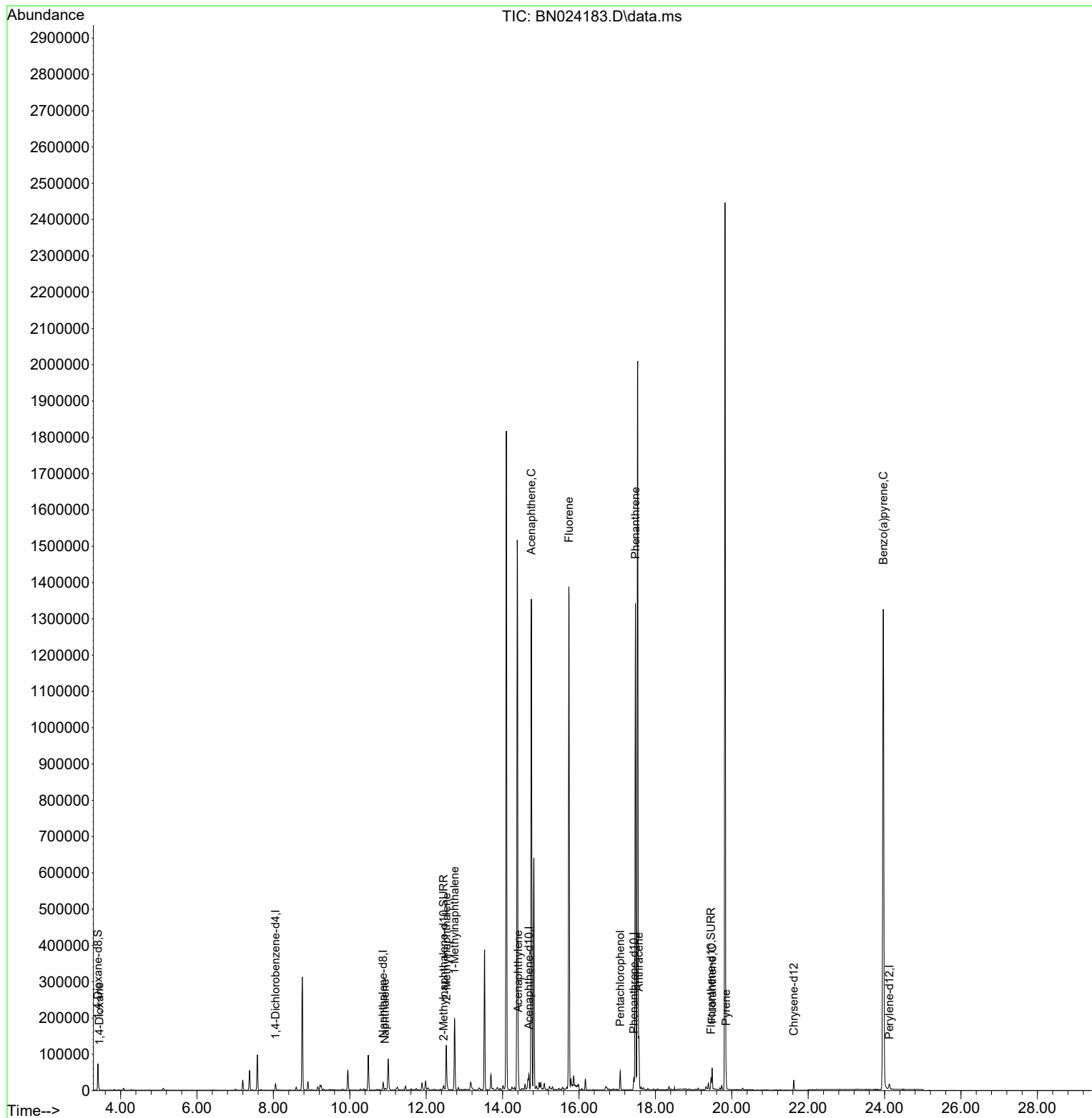
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	8836	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	27913	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	17855	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.434	188	33875	0.400	ng/ul	0.00
17) Chrysene-d12	21.621	240	24987	0.400	ng/ul	0.00
23) Perylene-d12	24.123	264	22570	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	44602	4.587	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	12731	0.384	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	29762	0.448	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	233	0.022	ng/ul#	23
5) Naphthalene	10.922	128	4389	0.063	ng/ul#	80
7) 2-Methylnaphthalene	12.527	142	85124	2.014	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	130310	2.933	ng/ul	100
10) Acenaphthylene	14.411	152	42500	0.570	ng/ul#	94
11) Acenaphthene	14.754	153	771104	13.435	ng/ul	96
12) Fluorene	15.734	166	871649	13.600	ng/ul	98
14) Pentachlorophenol	17.080	266	31114	3.307	ng/ul#	73
15) Phenanthrene	17.477	178	1389226	14.318	ng/ul	100
16) Anthracene	17.565	178	139344	1.637	ng/ul	99
19) Fluoranthene	19.487	202	49962	0.502	ng/ul	100
20) Pyrene	19.850	202	29750	0.295	ng/ul#	94
26) Benzo(a)pyrene	23.965	252	8158	0.110	ng/ul#	71

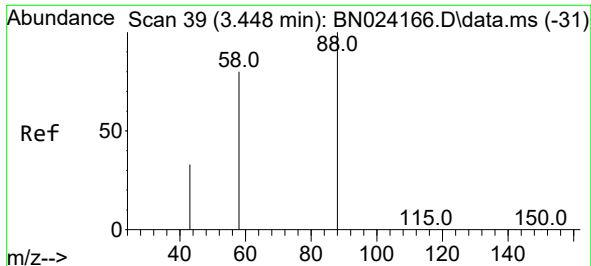
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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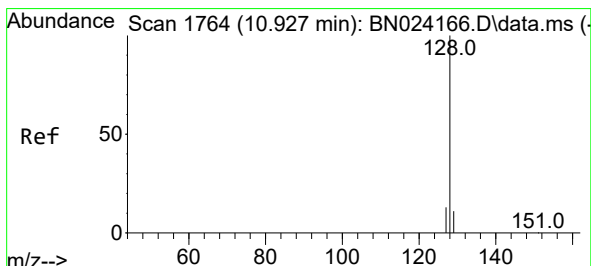
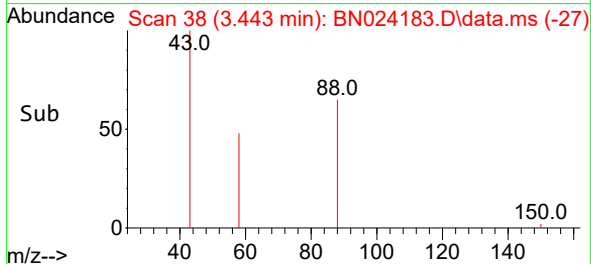
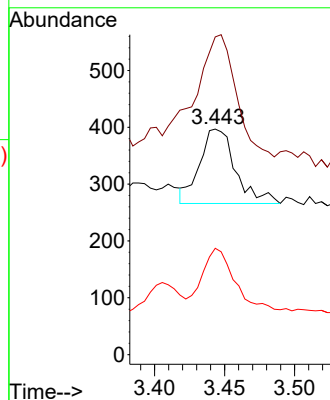
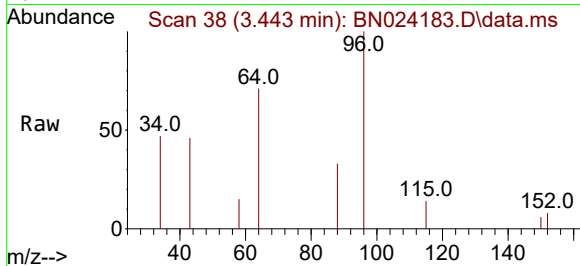




#2
1,4-Dioxane
Concen: 0.022 ng/ul
RT: 3.443 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN024183.D
Acq: 09 Mar 2023 00:49

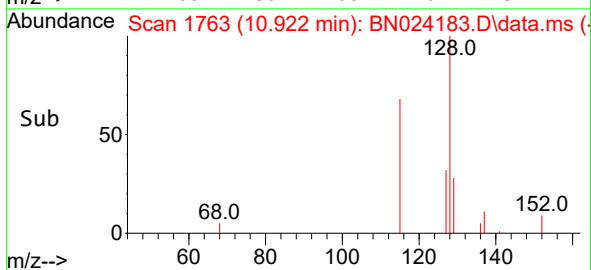
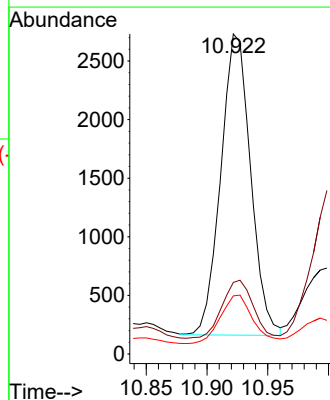
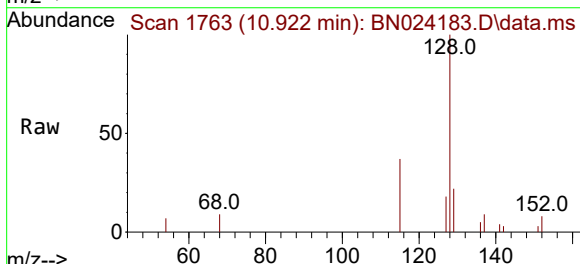
Instrument :
BNA_N
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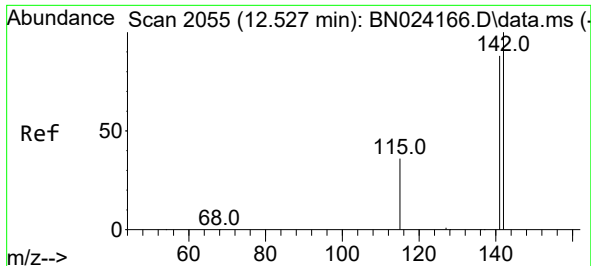
Tgt Ion: 88 Resp: 233
Ion Ratio Lower Upper
88 100
43 140.8 32.1 48.1#
58 47.1 55.1 82.7#



#5
Naphthalene
Concen: 0.063 ng/ul
RT: 10.922 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BN024183.D
Acq: 09 Mar 2023 00:49

Tgt Ion: 128 Resp: 4389
Ion Ratio Lower Upper
128 100
129 22.3 9.0 13.6#
127 18.2 10.5 15.7#

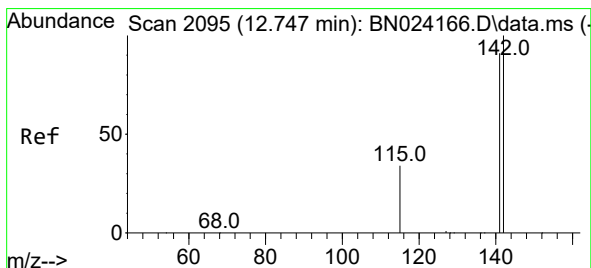
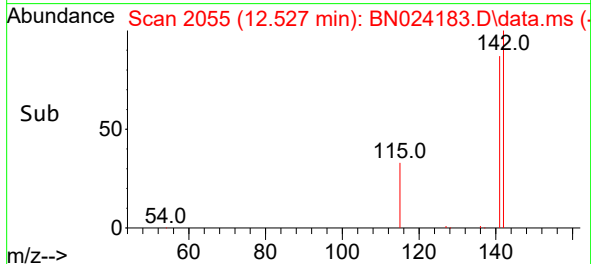
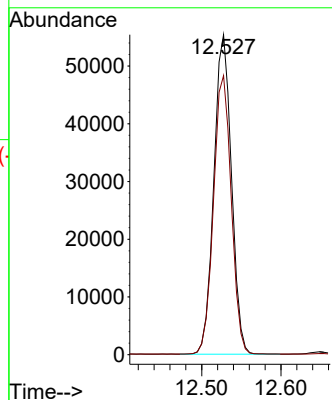
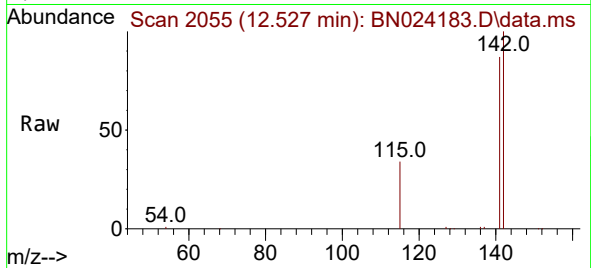




#7
2-Methylnaphthalene
Concen: 2.014 ng/ul
RT: 12.527 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BN024183.D
Acq: 09 Mar 2023 00:49

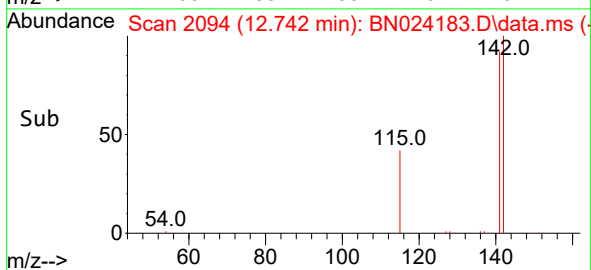
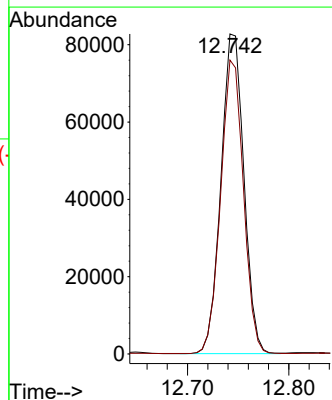
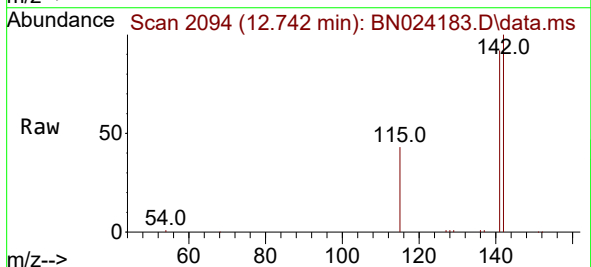
Instrument :
BNA_N
ClientSampleId :
DCAE3

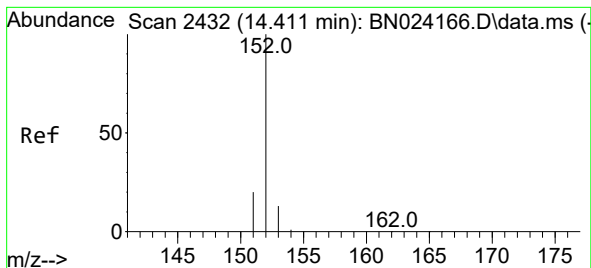
Tgt Ion:142 Resp: 85124
Ion Ratio Lower Upper
142 100
141 88.0 70.3 105.5



#8
1-Methylnaphthalene
Concen: 2.933 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BN024183.D
Acq: 09 Mar 2023 00:49

Tgt Ion:142 Resp: 130310
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.6





#10

Acenaphthylene

Concen: 0.570 ng/ul

RT: 14.411 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BN024183.D

Acq: 09 Mar 2023 00:49

Instrument :

BNA_N

ClientSampleId :

DCAE3

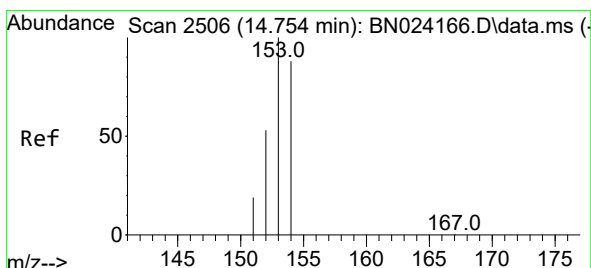
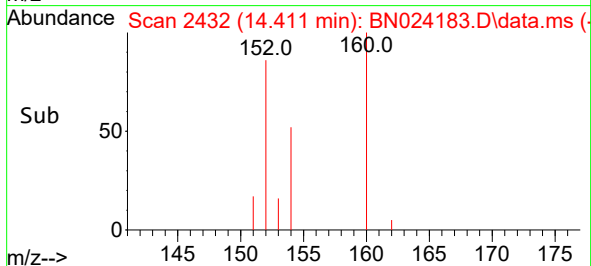
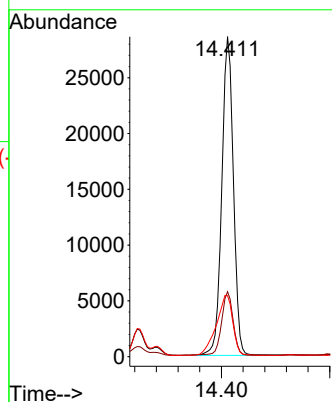
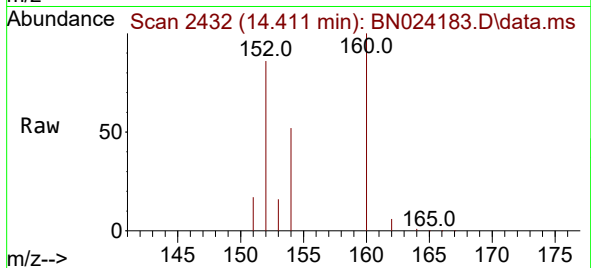
Tgt Ion:152 Resp: 42500

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 19.1 10.6 16.0#



#11

Acenaphthene

Concen: 13.435 ng/ul

RT: 14.754 min Scan# 2506

Delta R.T. -0.000 min

Lab File: BN024183.D

Acq: 09 Mar 2023 00:49

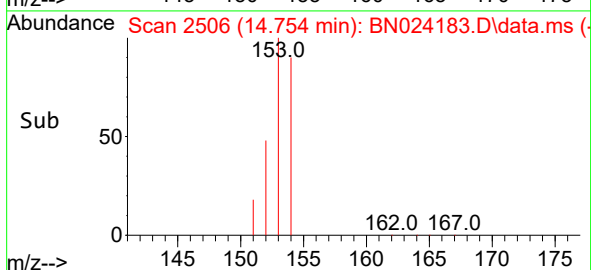
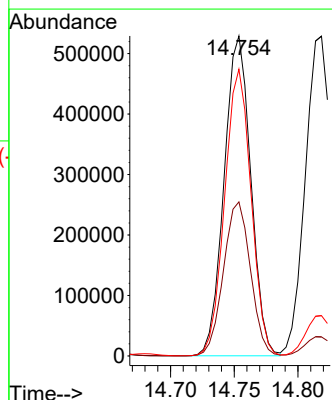
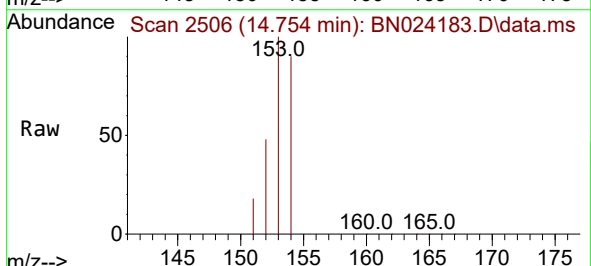
Tgt Ion:153 Resp: 771104

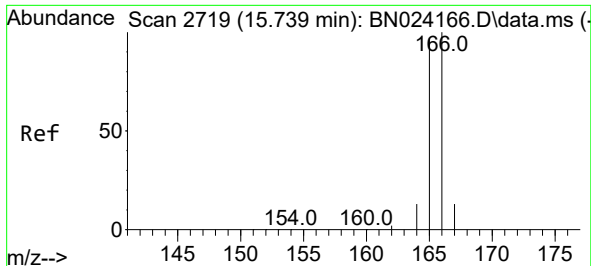
Ion Ratio Lower Upper

153 100

152 48.1 42.6 64.0

154 89.6 70.6 105.8

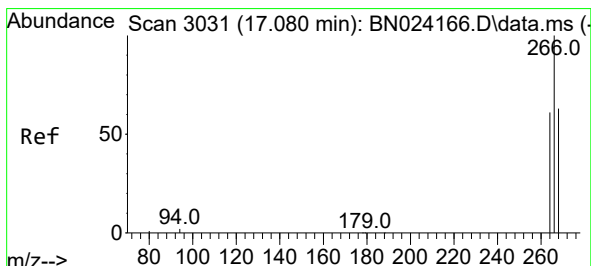
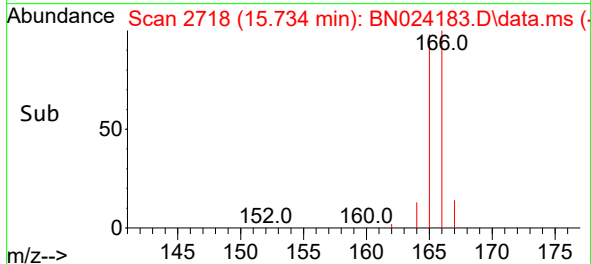
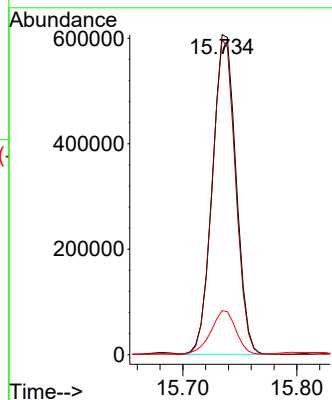
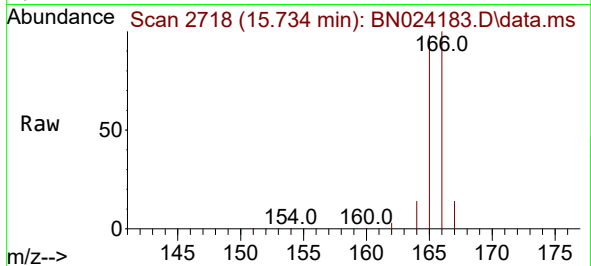




#12
Fluorene
Concen: 13.600 ng/ul
RT: 15.734 min Scan# 2718
Delta R.T. -0.000 min
Lab File: BN024183.D
Acq: 09 Mar 2023 00:49

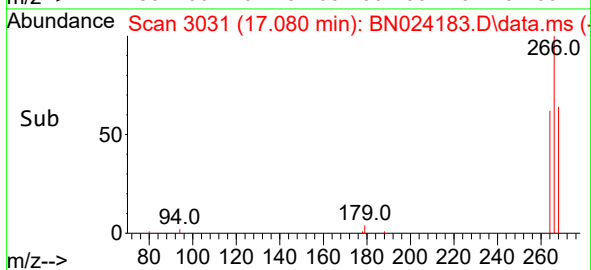
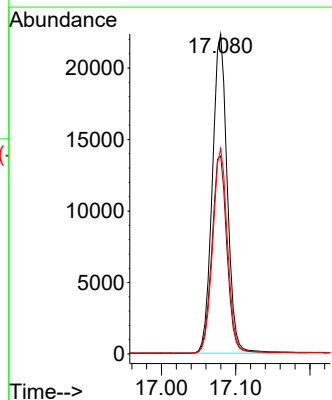
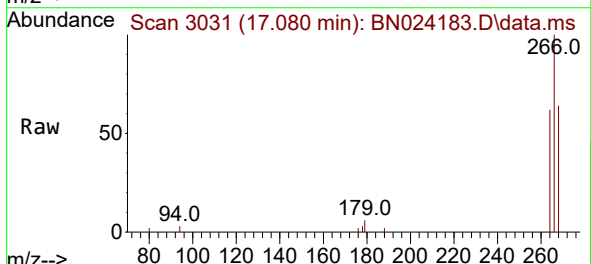
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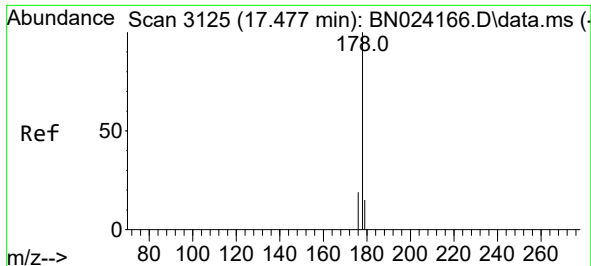
Tgt Ion:166 Resp: 871649
Ion Ratio Lower Upper
166 100
165 98.5 77.4 116.0
167 13.7 10.9 16.3



#14
Pentachlorophenol
Concen: 3.307 ng/ul
RT: 17.080 min Scan# 3031
Delta R.T. -0.000 min
Lab File: BN024183.D
Acq: 09 Mar 2023 00:49

Tgt Ion:266 Resp: 31114
Ion Ratio Lower Upper
266 100
264 62.7 0.0 0.0#
268 64.0 0.1 0.1#

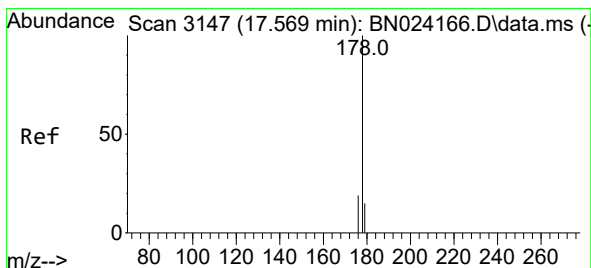
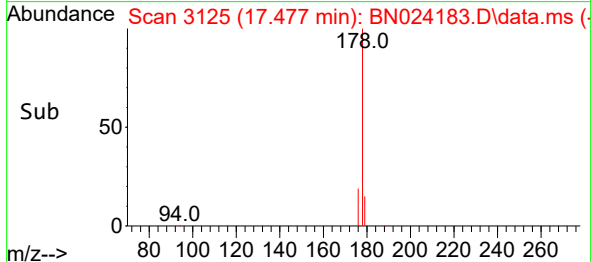
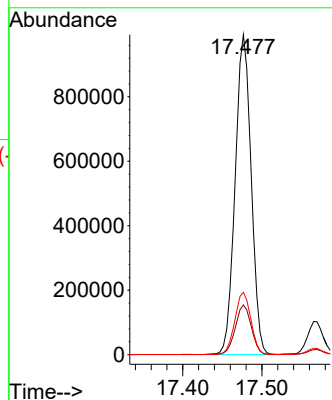
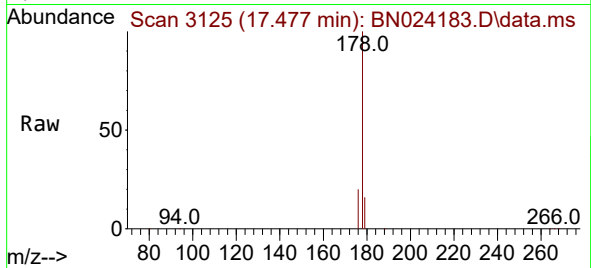




#15
Phenanthrene
Concen: 14.318 ng/ul
RT: 17.477 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BN024183.D
Acq: 09 Mar 2023 00:49

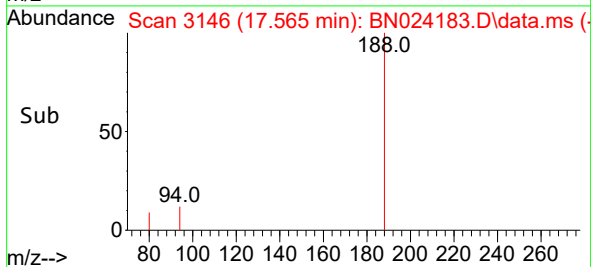
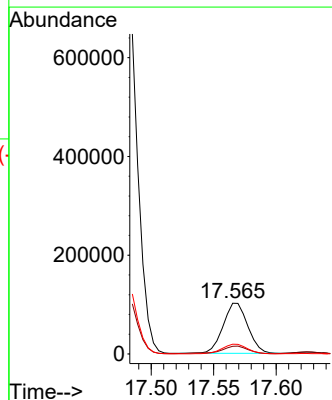
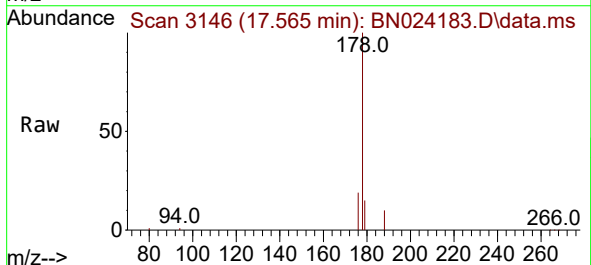
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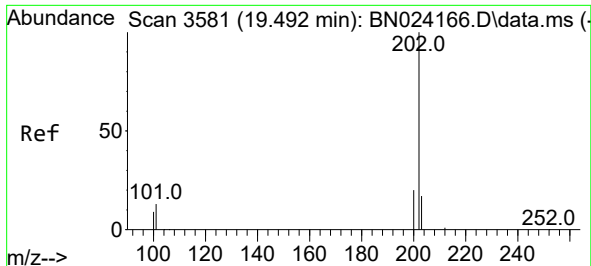
Tgt Ion:178 Resp: 1389226
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.5 15.7 23.5



#16
Anthracene
Concen: 1.637 ng/ul
RT: 17.565 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BN024183.D
Acq: 09 Mar 2023 00:49

Tgt Ion:178 Resp: 139344
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 19.3 15.3 22.9

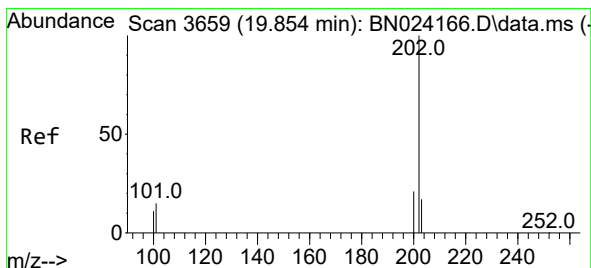
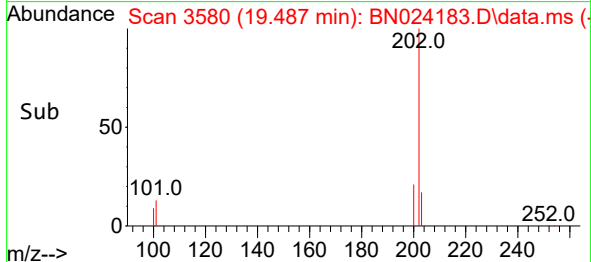
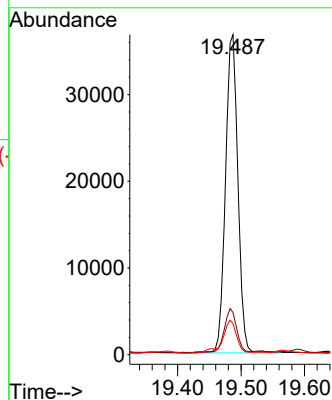
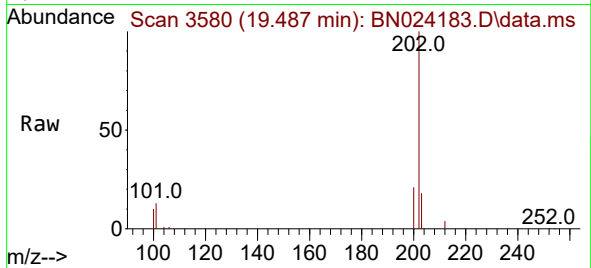




#19
Fluoranthene
Concen: 0.502 ng/ul
RT: 19.487 min Scan# 3580
Delta R.T. -0.000 min
Lab File: BN024183.D
Acq: 09 Mar 2023 00:49

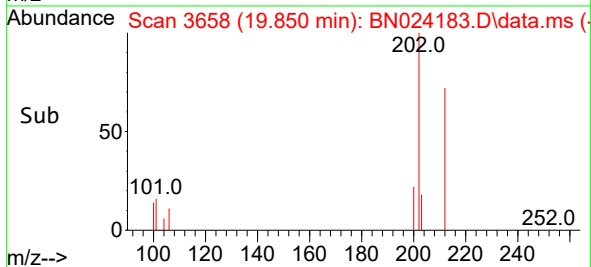
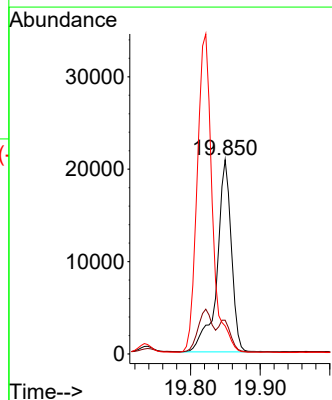
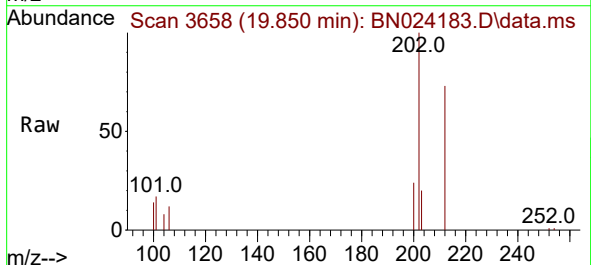
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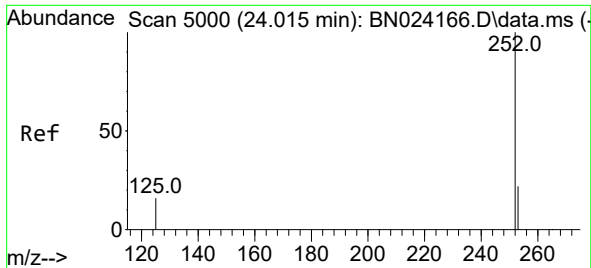
Tgt Ion:202 Resp: 49962
Ion Ratio Lower Upper
202 100
101 13.2 10.4 15.6
100 9.7 7.7 11.5



#20
Pyrene
Concen: 0.295 ng/ul
RT: 19.850 min Scan# 3658
Delta R.T. -0.000 min
Lab File: BN024183.D
Acq: 09 Mar 2023 00:49

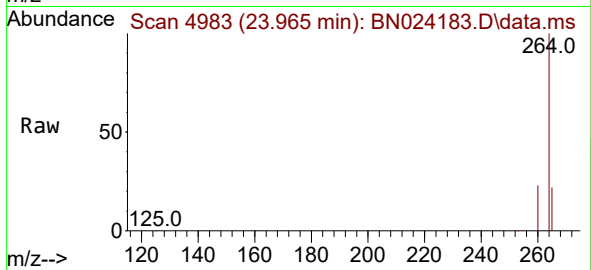
Tgt Ion:202 Resp: 29750
Ion Ratio Lower Upper
202 100
101 17.3 12.1 18.1
100 14.5 9.4 14.0#





#26
Benzo(a)pyrene
Concen: 0.110 ng/ul
RT: 23.965 min Scan# 4983
Delta R.T. -0.062 min
Lab File: BN024183.D
Acq: 09 Mar 2023 00:49

Instrument :
BNA_N
ClientSampleId :
DCAE3



Tgt Ion:252 Resp: 8158
Ion Ratio Lower Upper
252 100
253 36.8 19.2 28.8#
125 34.4 15.8 23.6#

