

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024489.D
 Acq On : 22 Mar 2023 20:54
 Operator : CG/JU
 Sample : 01947-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB931

Quant Time: Mar 23 03:11:29 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 : Wed Mar 22 14:57:36 2023
 Response via : Initial Calibration

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

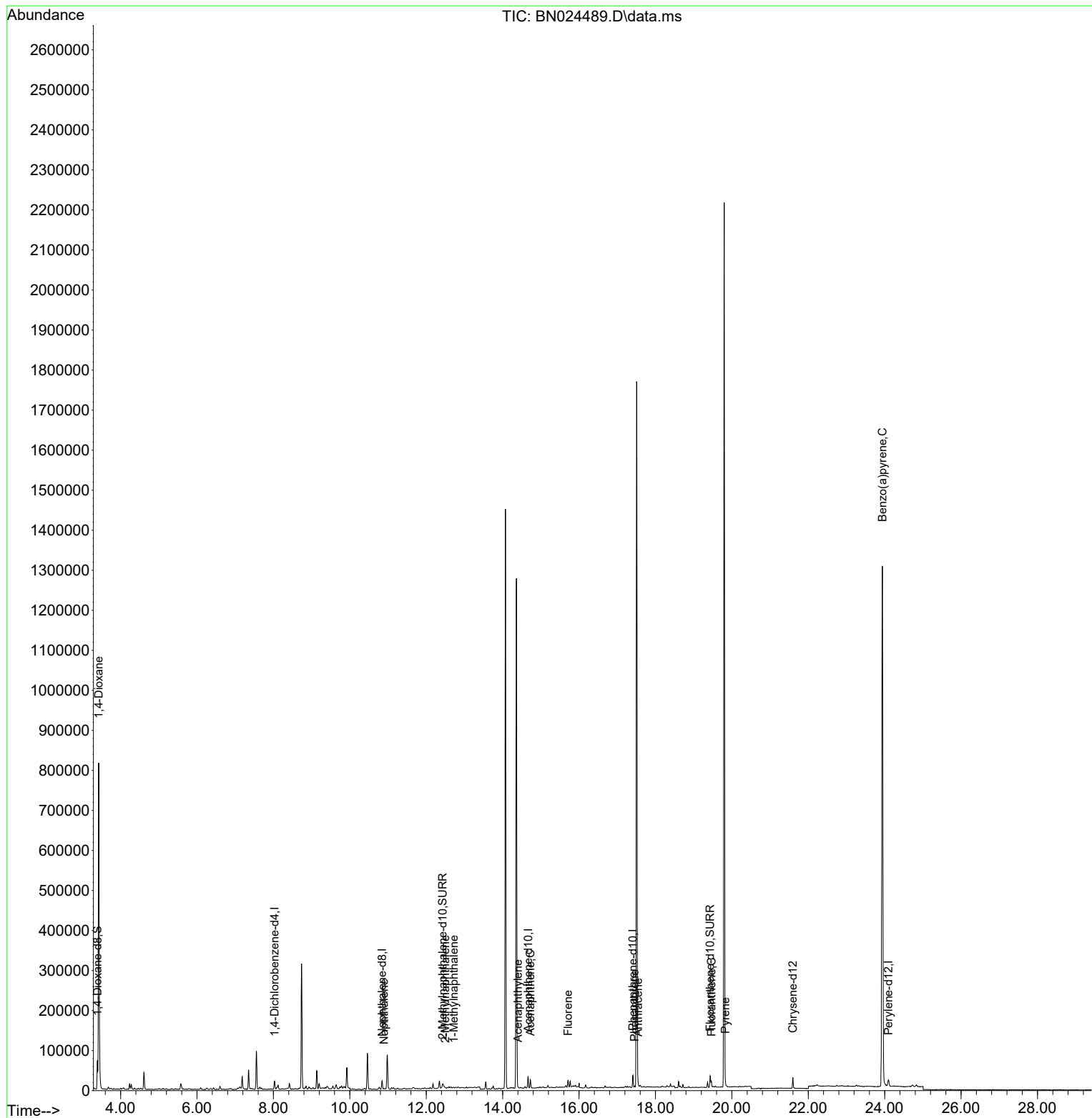
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	9216	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	27142	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.666	164	16952	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	32905	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.597	240	25691	0.400	ng/ul	# 0.00
23) Perylene-d12	24.100	264	24058	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	43385	4.278	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	11705	0.363	ng/ul	0.00
18) Fluoranthene-d10	19.432	212	27007	0.395	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.427	88	548990	49.763	ng/ul	87
5) Naphthalene	10.894	128	1476	0.022	ng/ul#	7
7) 2-Methylnaphthalene	12.500	142	1006	0.024	ng/ul	96
8) 1-Methylnaphthalene	12.720	142	1269	0.029	ng/ul#	80
10) Acenaphthylene	14.397	152	2394	0.034	ng/ul#	1
11) Acenaphthene	14.726	153	12534	0.230	ng/ul	97
12) Fluorene	15.711	166	11013	0.181	ng/ul#	92
15) Phenanthrene	17.451	178	3790	0.040	ng/ul#	41
16) Anthracene	17.544	178	9776	0.118	ng/ul#	68
19) Fluoranthene	19.464	202	11253	0.110	ng/ul#	62
20) Pyrene	19.827	202	7128	0.069	ng/ul#	64
26) Benzo(a)pyrene	23.939	252	7349	0.093	ng/ul#	5

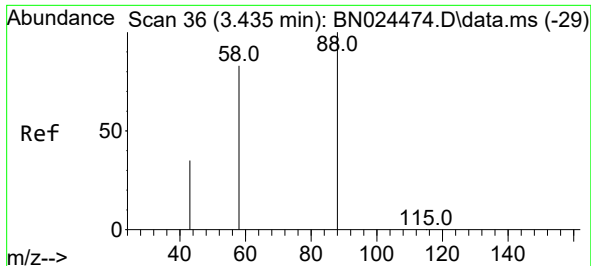
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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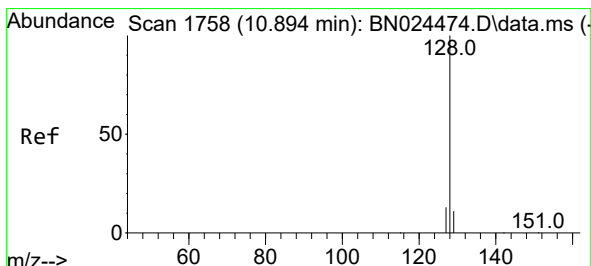
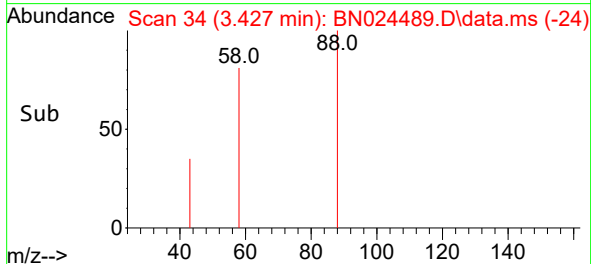
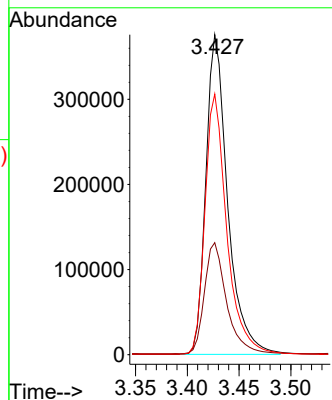
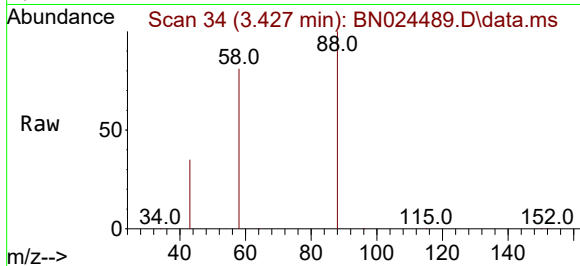




#2
1,4-Dioxane
Concen: 49.763 ng/ul
RT: 3.427 min Scan# 34
Delta R.T. -0.009 min
Lab File: BN024489.D
Acq: 22 Mar 2023 20:54

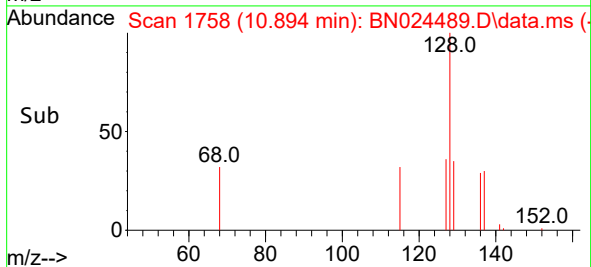
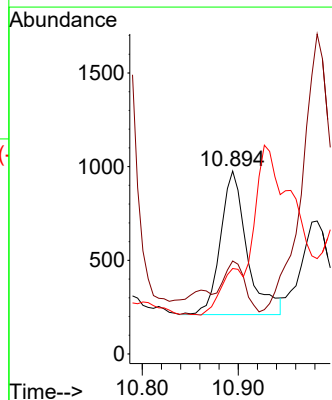
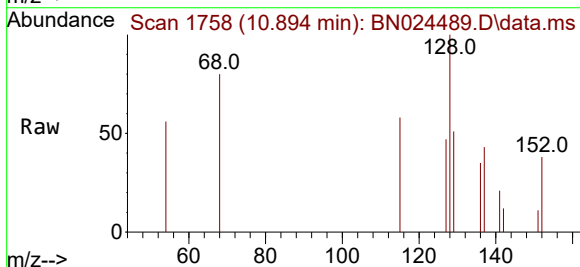
Instrument :
BNA_N
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CB931

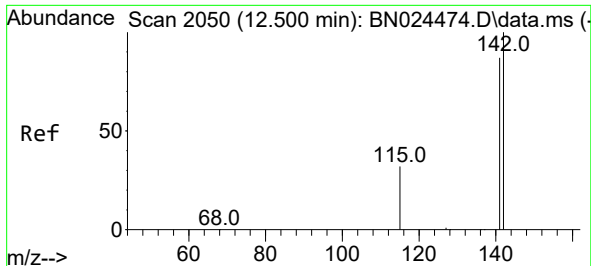
Tgt Ion: 88 Resp: 548990
Ion Ratio Lower Upper
88 100
43 35.0 32.1 48.1
58 81.5 55.1 82.7



#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.894 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BN024489.D
Acq: 22 Mar 2023 20:54

Tgt Ion:128 Resp: 1476
Ion Ratio Lower Upper
128 100
129 50.8 9.0 13.6#
127 46.7 10.5 15.7#

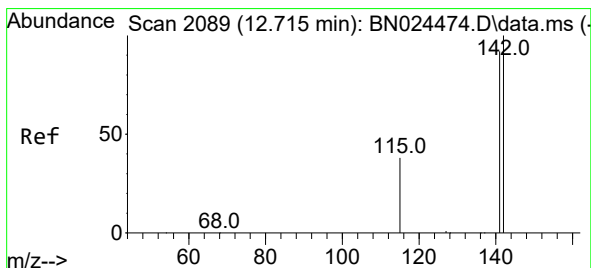
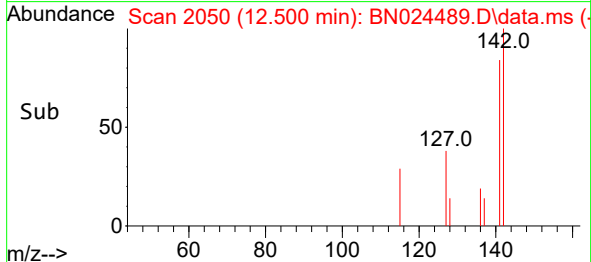
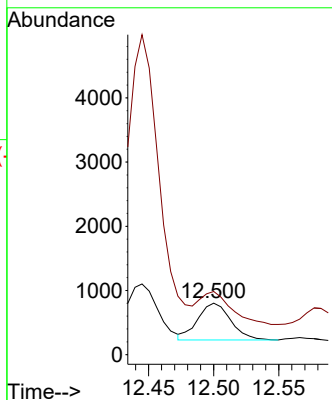
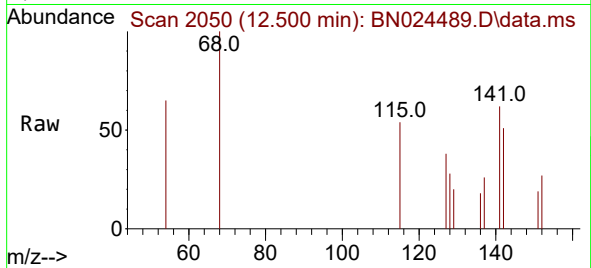




#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.500 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BN024489.D
Acq: 22 Mar 2023 20:54

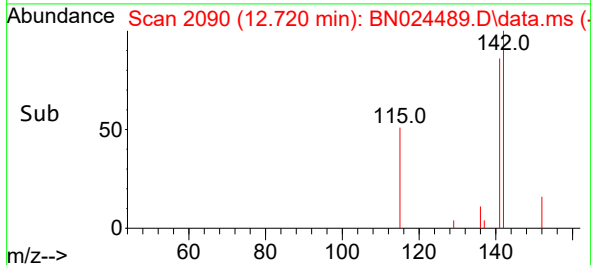
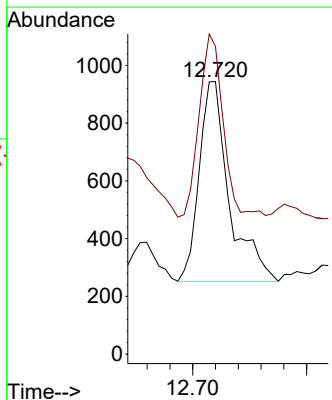
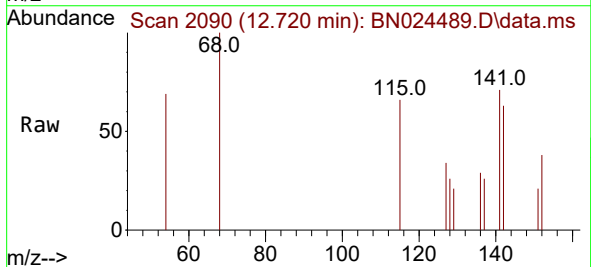
Instrument :
BNA_N
ClientSampleId :
CB931

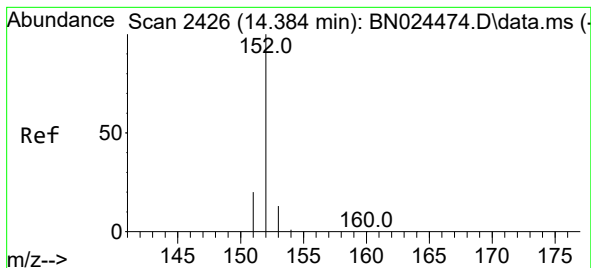
Tgt Ion:142 Resp: 1006
Ion Ratio Lower Upper
142 100
141 84.1 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.720 min Scan# 2090
Delta R.T. 0.005 min
Lab File: BN024489.D
Acq: 22 Mar 2023 20:54

Tgt Ion:142 Resp: 1269
Ion Ratio Lower Upper
142 100
141 72.7 73.0 109.6#





#10

Acenaphthylene

Concen: 0.034 ng/ul

RT: 14.397 min Scan# 2426

Delta R.T. 0.014 min

Lab File: BN024489.D

Acq: 22 Mar 2023 20:54

Instrument :

BNA_N

ClientSampleId :

CB931

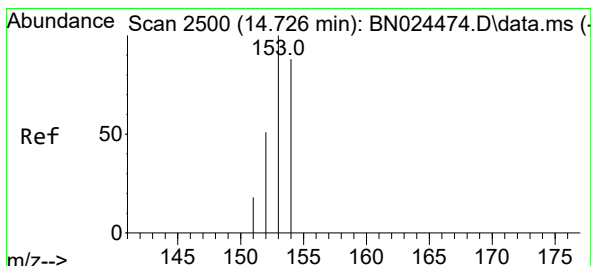
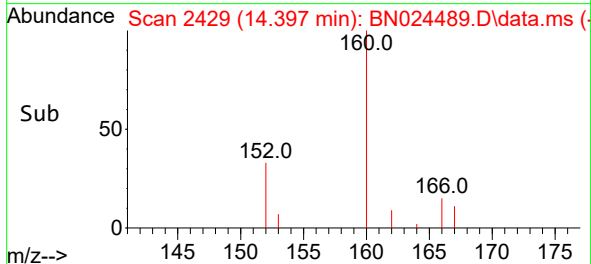
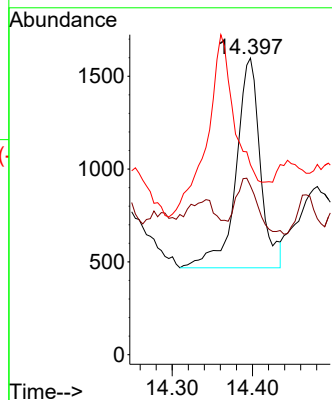
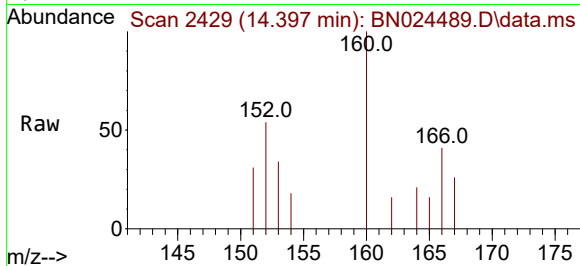
Tgt Ion:152 Resp: 2394

Ion Ratio Lower Upper

152 100

151 56.9 15.9 23.9#

153 64.0 10.6 16.0#



#11

Acenaphthene

Concen: 0.230 ng/ul

RT: 14.726 min Scan# 2500

Delta R.T. -0.000 min

Lab File: BN024489.D

Acq: 22 Mar 2023 20:54

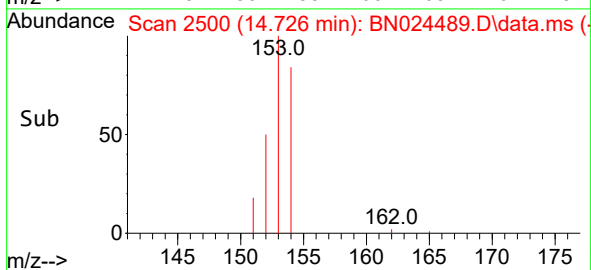
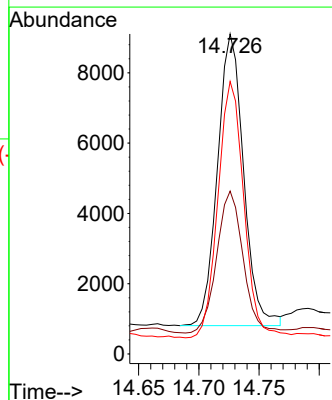
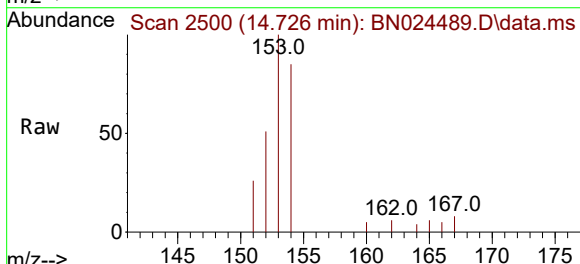
Tgt Ion:153 Resp: 12534

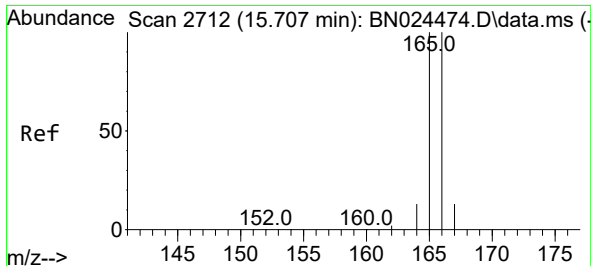
Ion Ratio Lower Upper

153 100

152 50.9 42.6 64.0

154 85.1 70.6 105.8

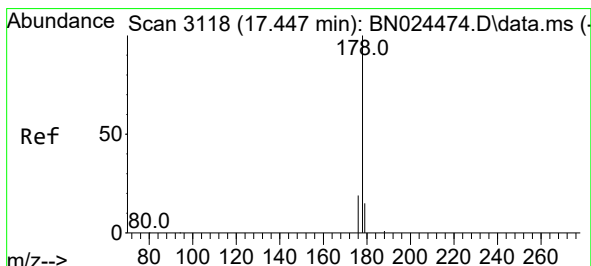
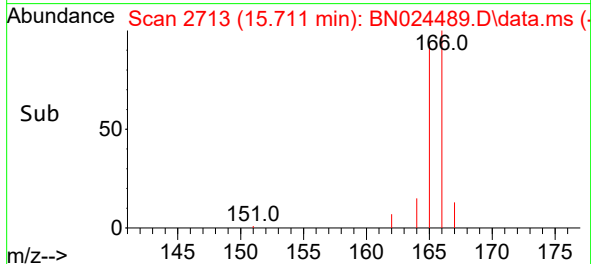
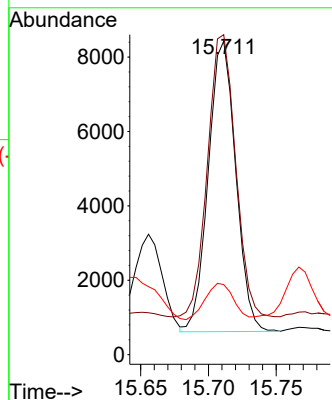
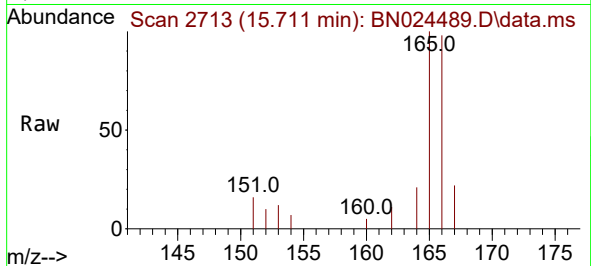




#12
Fluorene
Concen: 0.181 ng/ul
RT: 15.711 min Scan# 2119
Delta R.T. 0.005 min
Lab File: BN024489.D
Acq: 22 Mar 2023 20:54

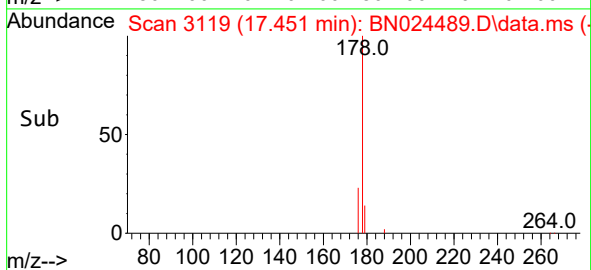
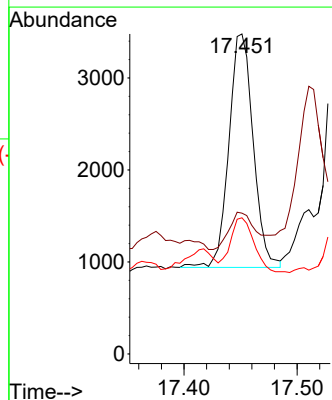
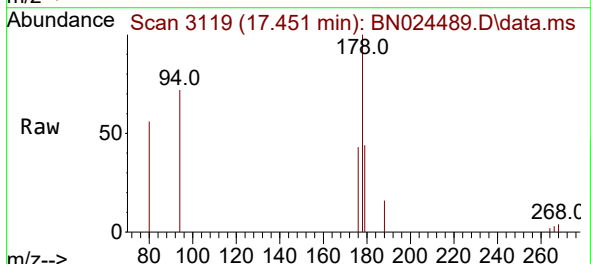
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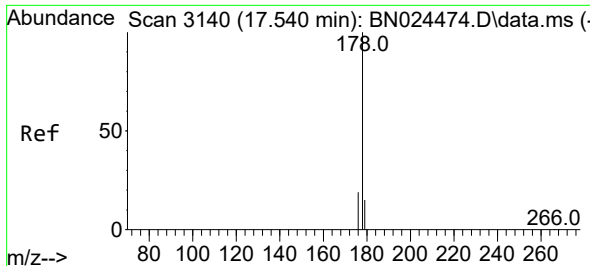
Tgt Ion:166 Resp: 11013
Ion Ratio Lower Upper
166 100
165 102.1 77.4 116.0
167 22.4 10.9 16.3#



#15
Phenanthrene
Concen: 0.040 ng/ul
RT: 17.451 min Scan# 3119
Delta R.T. 0.004 min
Lab File: BN024489.D
Acq: 22 Mar 2023 20:54

Tgt Ion:178 Resp: 3790
Ion Ratio Lower Upper
178 100
179 44.0 12.2 18.2#
176 42.6 15.7 23.5#

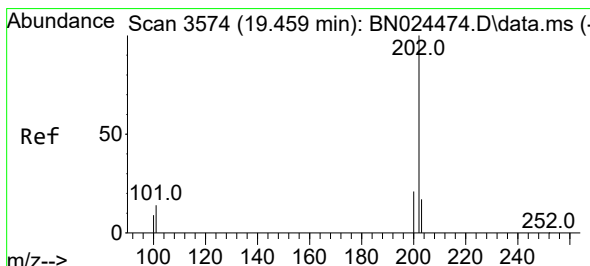
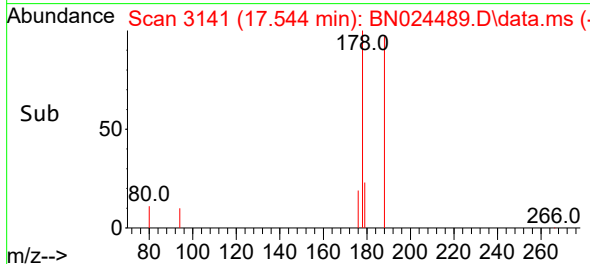
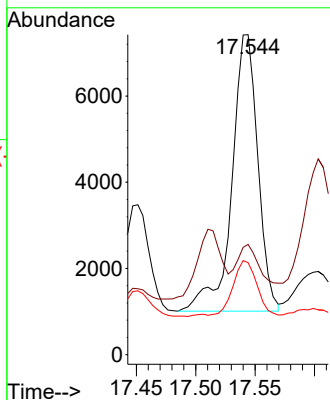
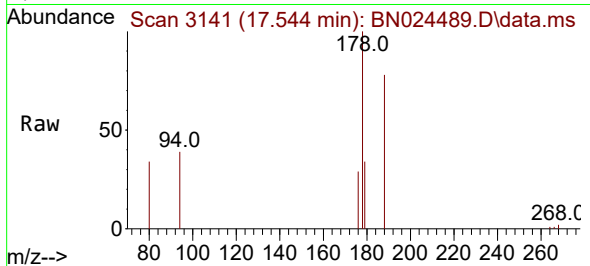




#16
 Anthracene
 Concen: 0.118 ng/ul
 RT: 17.544 min Scan# 3140
 Delta R.T. 0.004 min
 Lab File: BN024489.D
 Acq: 22 Mar 2023 20:54

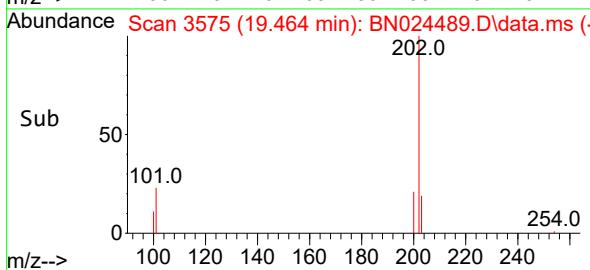
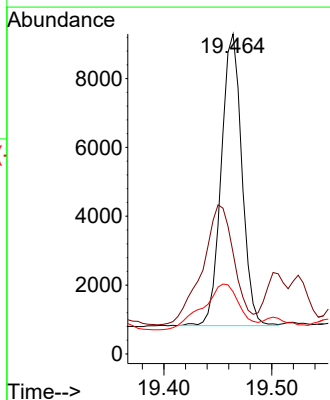
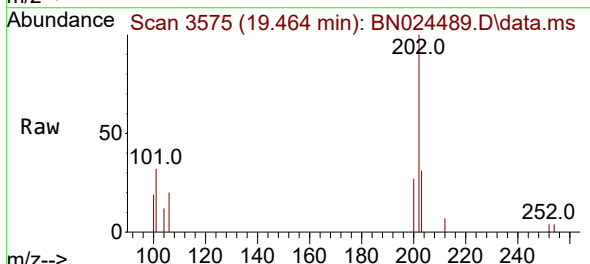
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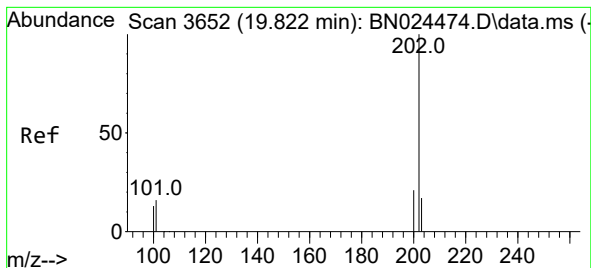
Tgt Ion:178 Resp: 9776
 Ion Ratio Lower Upper
 178 100
 179 34.4 12.3 18.5#
 176 28.7 15.3 22.9#



#19
 Fluoranthene
 Concen: 0.110 ng/ul
 RT: 19.464 min Scan# 3575
 Delta R.T. 0.005 min
 Lab File: BN024489.D
 Acq: 22 Mar 2023 20:54

Tgt Ion:202 Resp: 11253
 Ion Ratio Lower Upper
 202 100
 101 31.6 10.4 15.6#
 100 19.5 7.7 11.5#





#20

Pyrene

Concen: 0.069 ng/ul

RT: 19.827 min Scan# 3652

Delta R.T. 0.005 min

Lab File: BN024489.D

Acq: 22 Mar 2023 20:54

Instrument :

BNA_N

ClientSampleId :

CB931

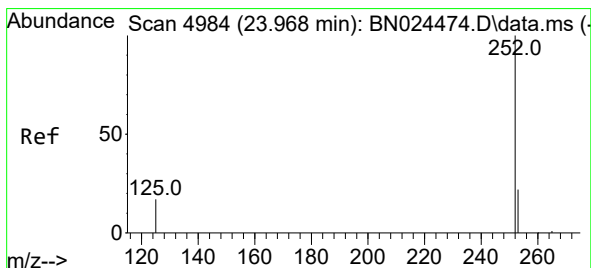
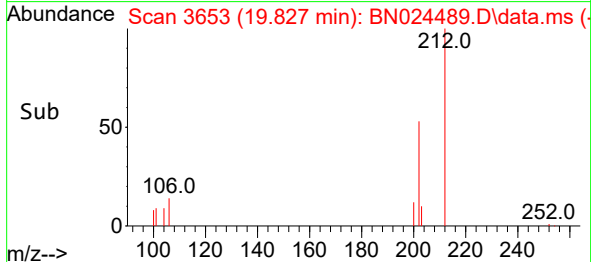
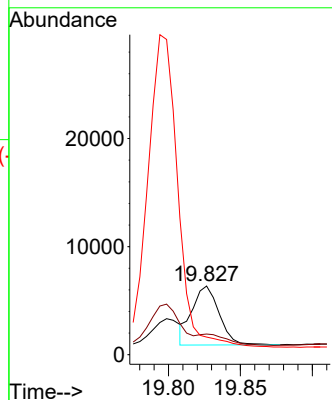
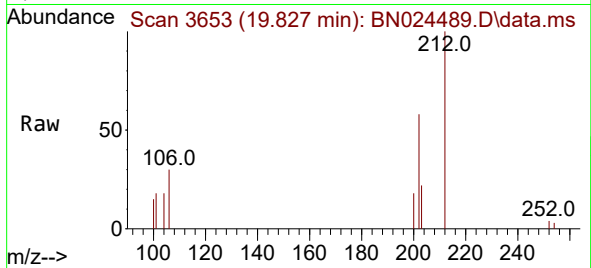
Tgt Ion:202 Resp: 7128

Ion Ratio Lower Upper

202 100

101 30.1 12.1 18.1#

100 25.6 9.4 14.0#



#26

Benzo(a)pyrene

Concen: 0.093 ng/ul

RT: 23.939 min Scan# 4974

Delta R.T. -0.029 min

Lab File: BN024489.D

Acq: 22 Mar 2023 20:54

Tgt Ion:252 Resp: 7349

Ion Ratio Lower Upper

252 100

253 58.0 19.2 28.8#

125 78.0 15.8 23.6#

