

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024425.D
 Acq On : 20 Mar 2023 23:56
 Operator : CG/JU
 Sample : 01884-13DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB925DL

Quant Time: Mar 21 02:45:05 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 : Tue Mar 21 02:42:36 2023
 Response via : Initial Calibration

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

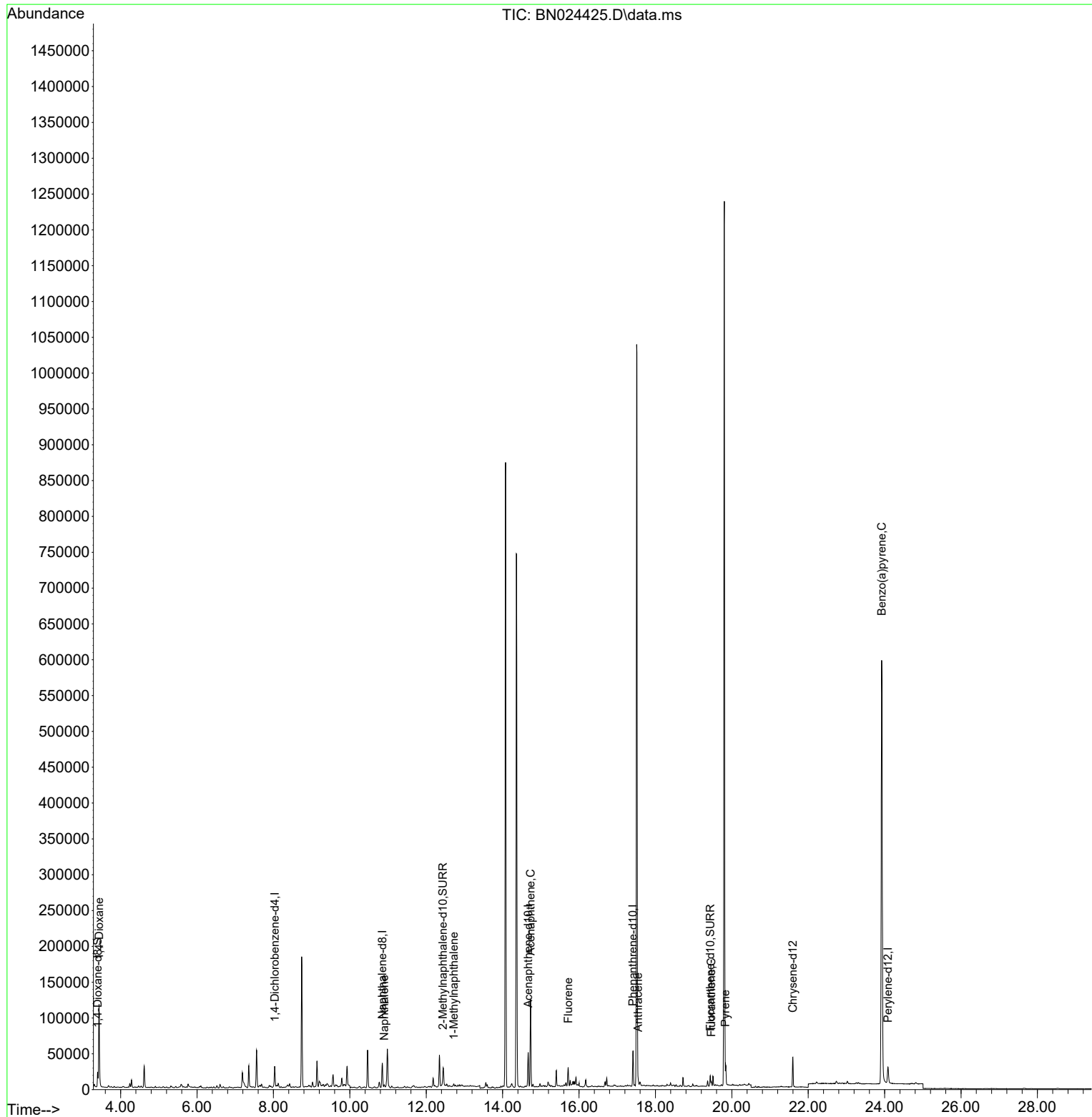
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	14226	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	44194	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.670	164	26268	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	53351	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.597	240	38586	0.400	ng/ul	0.00
23) Perylene-d12	24.088	264	33017	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	12702	0.811	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	6683	0.127	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	13828	0.135	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	77545	4.554	ng/ul	87
5) Naphthalene	10.900	128	3980	0.036	ng/ul#	77
8) 1-Methylnaphthalene	12.725	142	1655	0.024	ng/ul	90
11) Acenaphthene	14.730	153	69399	0.822	ng/ul	98
12) Fluorene	15.716	166	15492	0.164	ng/ul#	96
16) Anthracene	17.544	178	5713	0.043	ng/ul#	52
19) Fluoranthene	19.464	202	4650	0.030	ng/ul#	53
20) Pyrene	19.831	202	3529	0.023	ng/ul#	1
26) Benzo(a)pyrene	23.924	252	3618	0.033	ng/ul#	1

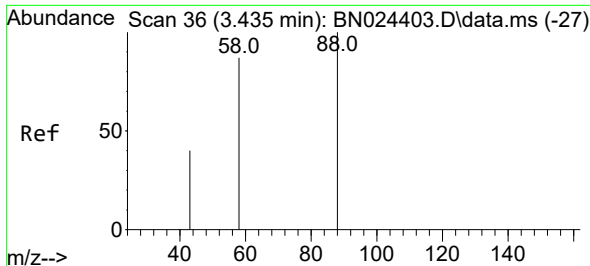
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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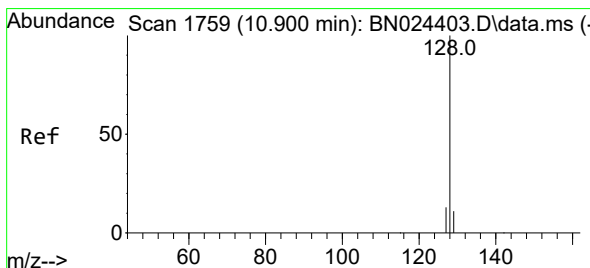
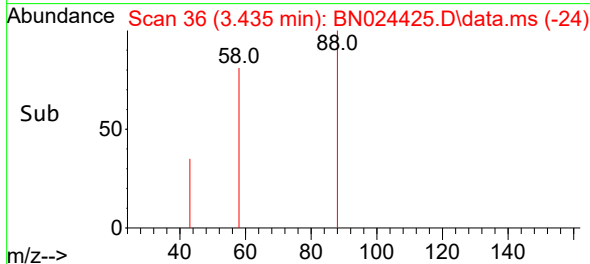
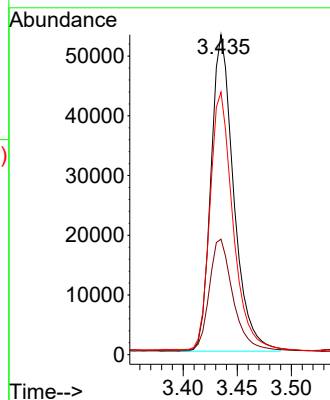
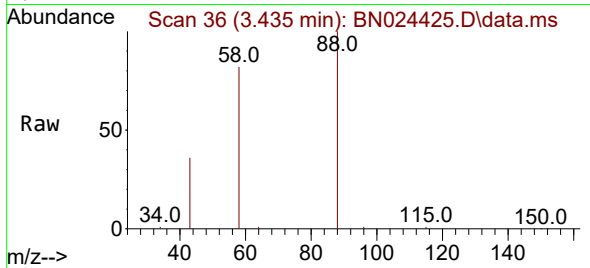




#2
 1,4-Dioxane
 Concen: 4.554 ng/ul
 RT: 3.435 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN024425.D
 Acq: 20 Mar 2023 23:56

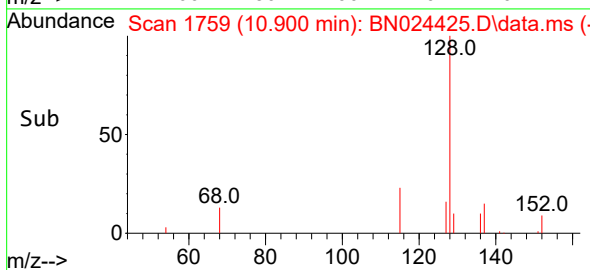
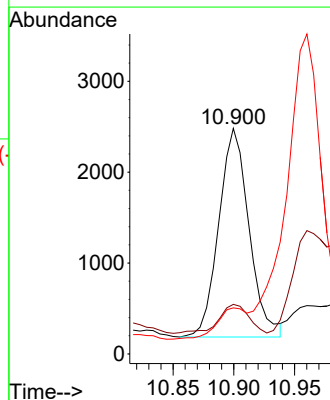
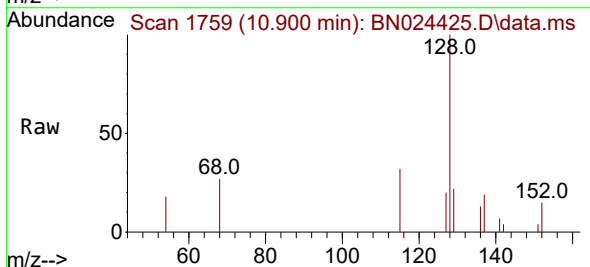
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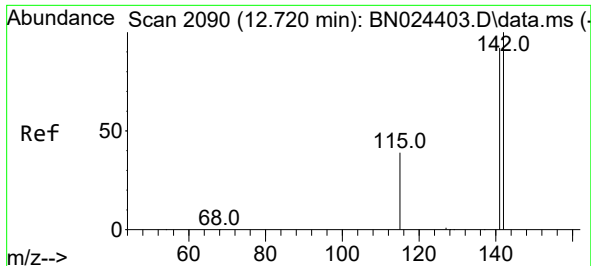
Tgt Ion: 88 Resp: 77545
 Ion Ratio Lower Upper
 88 100
 43 36.1 32.1 48.1
 58 82.0 55.1 82.7



#5
 Naphthalene
 Concen: 0.036 ng/ul
 RT: 10.900 min Scan# 1759
 Delta R.T. -0.000 min
 Lab File: BN024425.D
 Acq: 20 Mar 2023 23:56

Tgt Ion:128 Resp: 3980
 Ion Ratio Lower Upper
 128 100
 129 22.0 9.0 13.6#
 127 20.4 10.5 15.7#

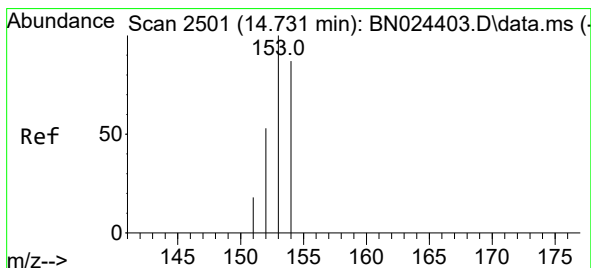
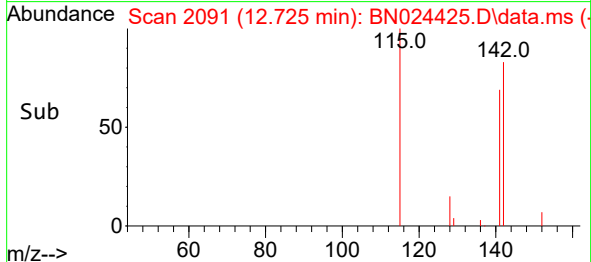
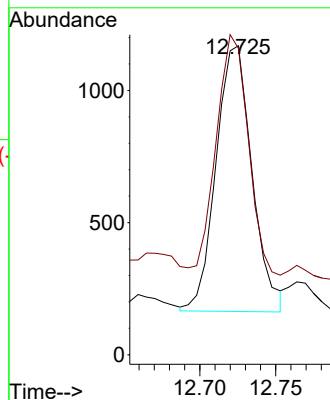
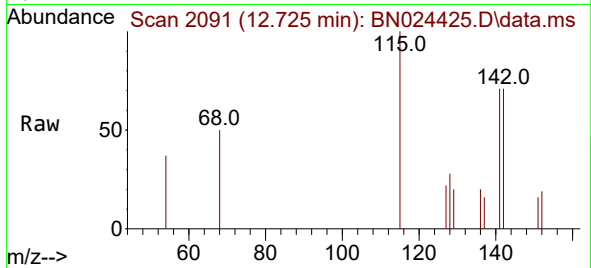




#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.725 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BN024425.D
Acq: 20 Mar 2023 23:56

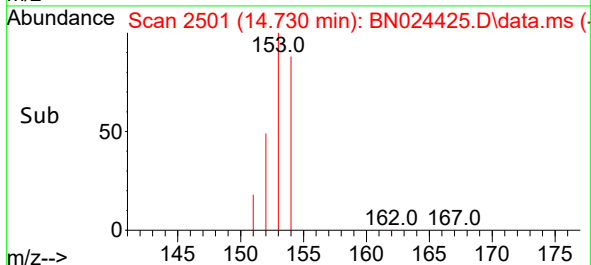
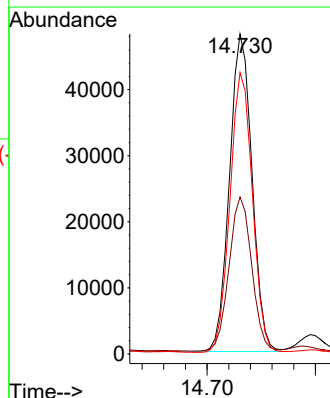
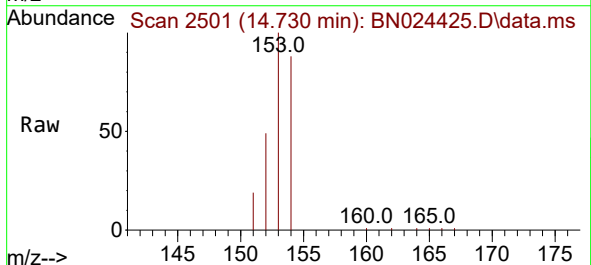
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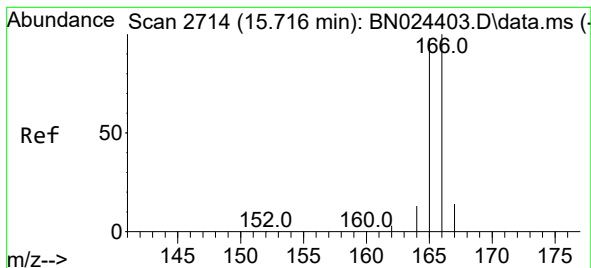
Tgt Ion:142 Resp: 1655
Ion Ratio Lower Upper
142 100
141 81.7 73.0 109.6



#11
Acenaphthene
Concen: 0.822 ng/ul
RT: 14.730 min Scan# 2501
Delta R.T. -0.000 min
Lab File: BN024425.D
Acq: 20 Mar 2023 23:56

Tgt Ion:153 Resp: 69399
Ion Ratio Lower Upper
153 100
152 49.1 42.6 64.0
154 87.9 70.6 105.8





#12

Fluorene

Concen: 0.164 ng/ul

RT: 15.716 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN024425.D

Acq: 20 Mar 2023 23:56

Instrument :

BNA_N

ClientSampleId :

CB925DL

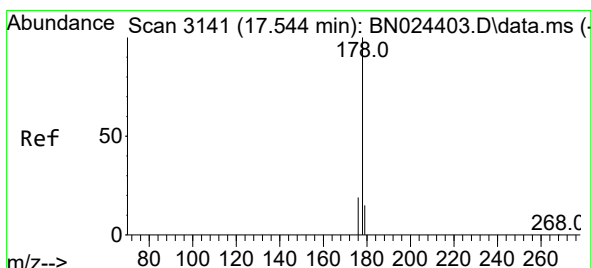
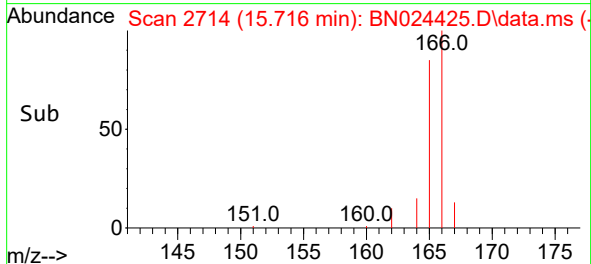
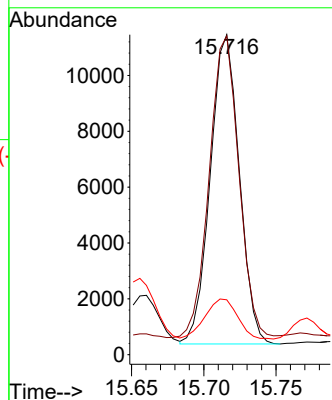
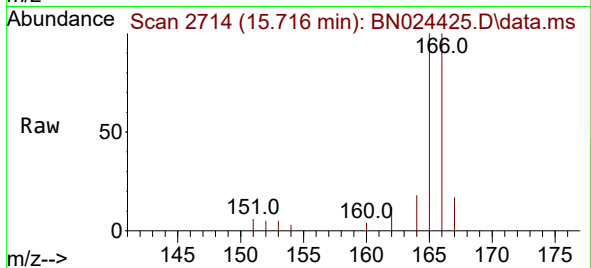
Tgt Ion:166 Resp: 15492

Ion Ratio Lower Upper

166 100

165 99.6 77.4 116.0

167 17.1 10.9 16.3#



#16

Anthracene

Concen: 0.043 ng/ul

RT: 17.544 min Scan# 3141

Delta R.T. -0.004 min

Lab File: BN024425.D

Acq: 20 Mar 2023 23:56

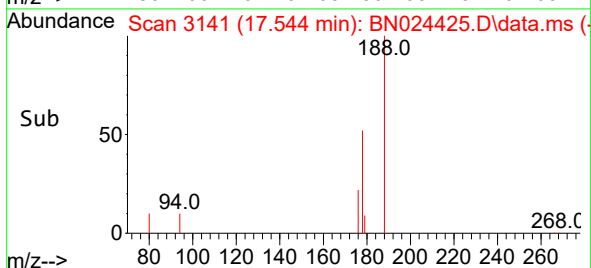
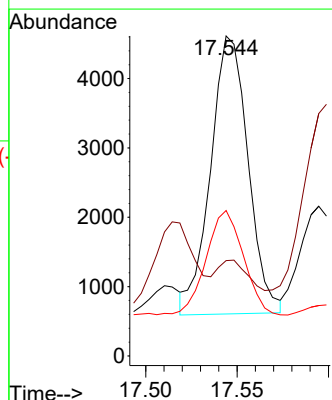
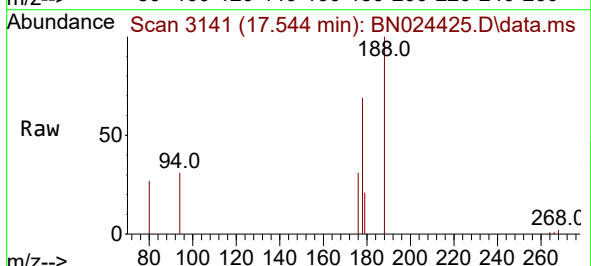
Tgt Ion:178 Resp: 5713

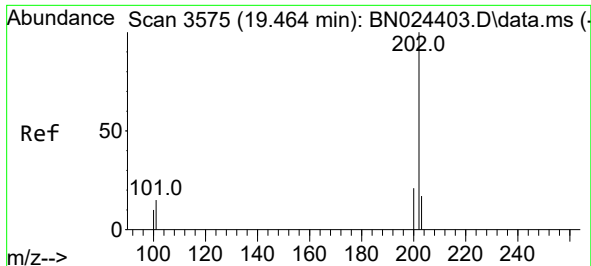
Ion Ratio Lower Upper

178 100

179 29.8 12.3 18.5#

176 45.4 15.3 22.9#

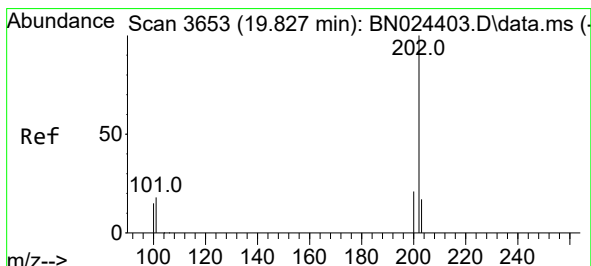
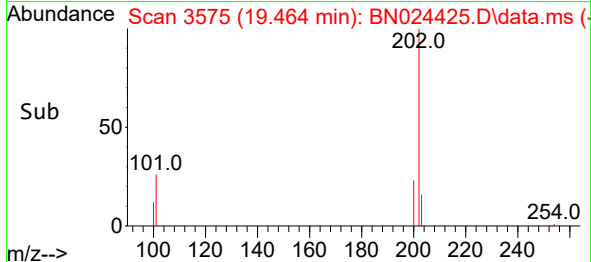
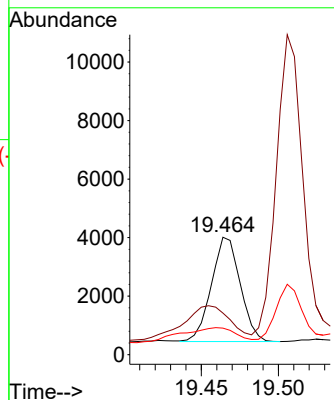
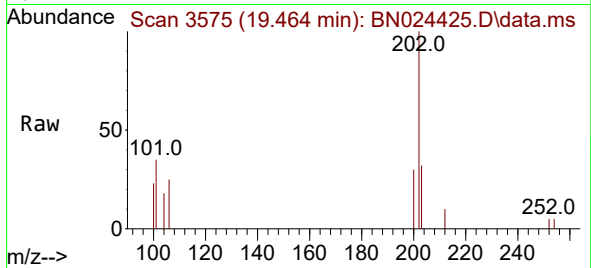




#19
Fluoranthene
Concen: 0.030 ng/ul
RT: 19.464 min Scan# 3575
Delta R.T. -0.005 min
Lab File: BN024425.D
Acq: 20 Mar 2023 23:56

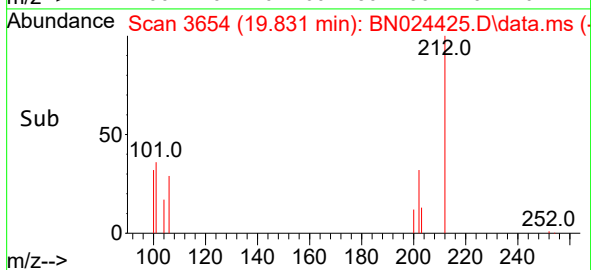
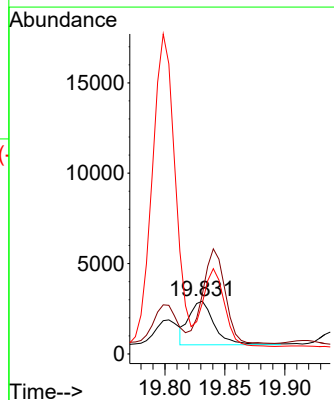
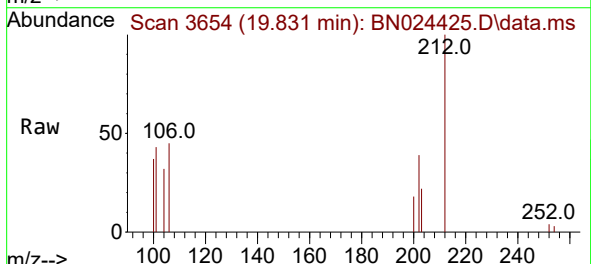
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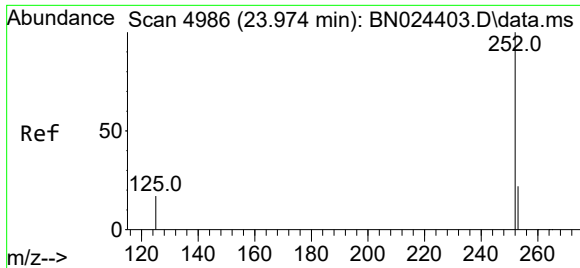
Tgt Ion:202 Resp: 4650
Ion Ratio Lower Upper
202 100
101 35.4 10.4 15.6#
100 22.7 7.7 11.5#



#20
Pyrene
Concen: 0.023 ng/ul
RT: 19.831 min Scan# 3654
Delta R.T. -0.000 min
Lab File: BN024425.D
Acq: 20 Mar 2023 23:56

Tgt Ion:202 Resp: 3529
Ion Ratio Lower Upper
202 100
101 112.0 12.1 18.1#
100 96.2 9.4 14.0#





#26
 Benzo(a)pyrene
 Concen: 0.033 ng/ul
 RT: 23.924 min Scan# 4969
 Delta R.T. -0.064 min
 Lab File: BN024425.D
 Acq: 20 Mar 2023 23:56

Instrument :
 BNA_N
 ClientSampleId :
 CB925DL

Tgt Ion:	252	Resp:	3618
Ion Ratio	Lower	Upper	
252	100		
253	69.3	19.2	28.8#
125	81.2	15.8	23.6#

