

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024408.D
 Acq On : 20 Mar 2023 12:56
 Operator : CG/JU
 Sample : 01884-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB907

Quant Time: Mar 21 02:14:51 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 : Tue Mar 21 02:12:19 2023
 Response via : Initial Calibration

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

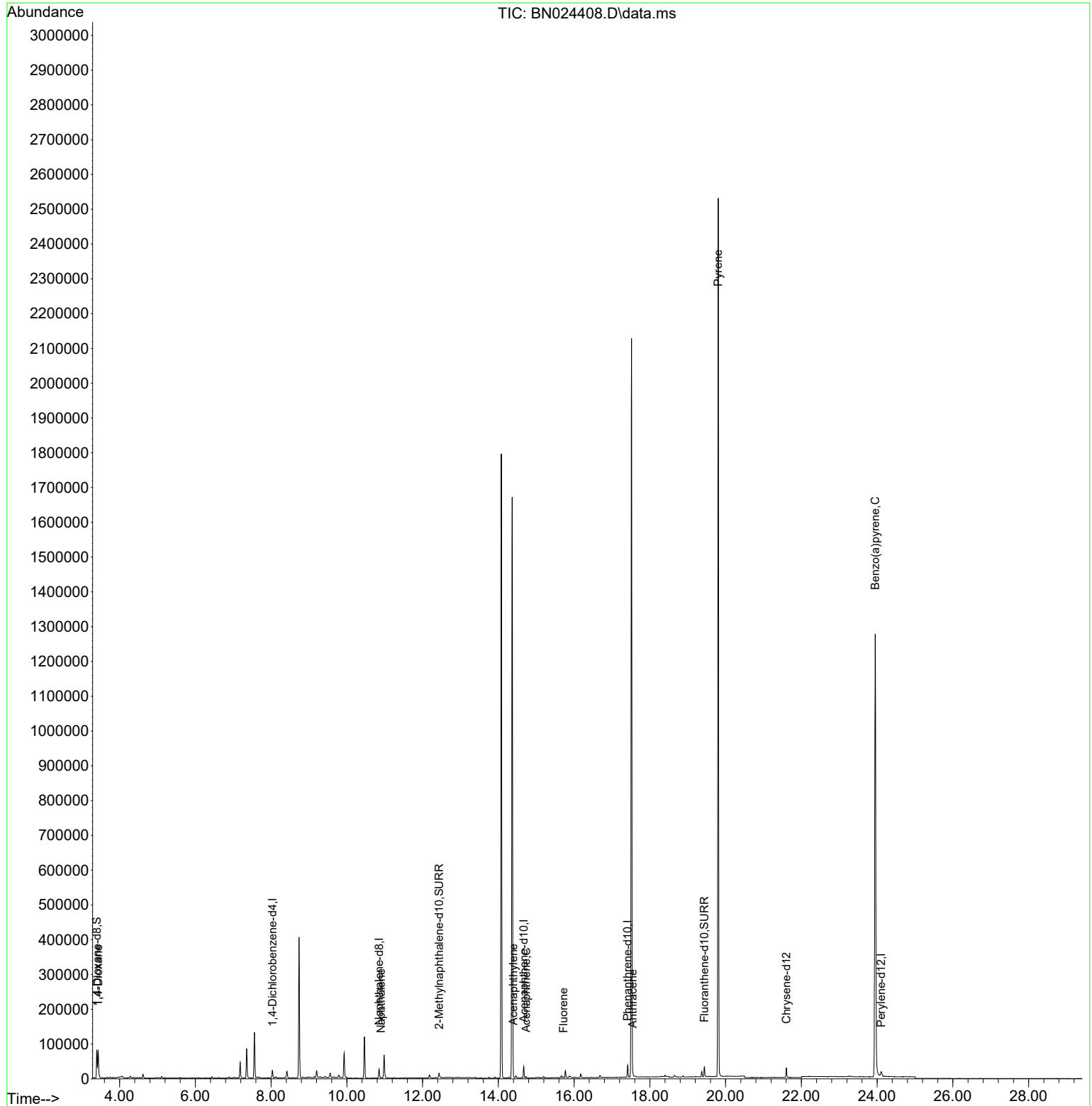
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	10041	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	32798	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.670	164	18475	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	36077	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.603	240	25396	0.400	ng/ul	# 0.00
23) Perylene-d12	24.108	264	17811	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	48289	4.370	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	14358	0.368	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	28257	0.418	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	51836	4.313	ng/ul#	87
5) Naphthalene	10.900	128	1857	0.023	ng/ul#	39
10) Acenaphthylene	14.393	152	1726	0.022	ng/ul#	39
11) Acenaphthene	14.731	153	2381	0.040	ng/ul	96
12) Fluorene	15.716	166	1454	0.022	ng/ul#	83
16) Anthracene	17.548	178	5561	0.061	ng/ul#	76
20) Pyrene	19.803	202	5064	0.049	ng/ul#	1
26) Benzo(a)pyrene	23.951	252	7419	0.127	ng/ul#	43

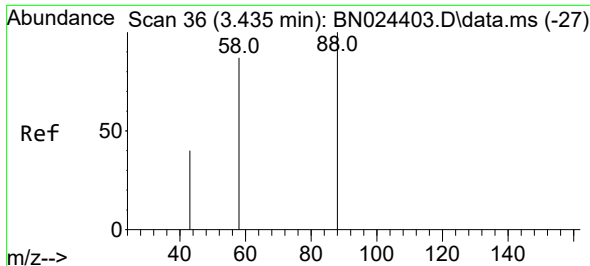
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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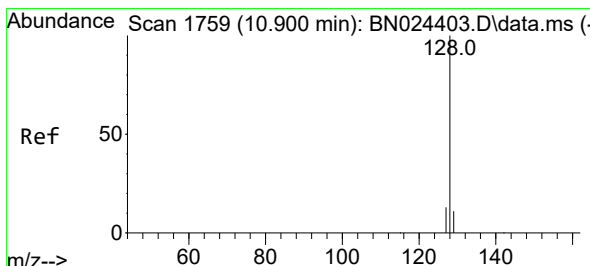
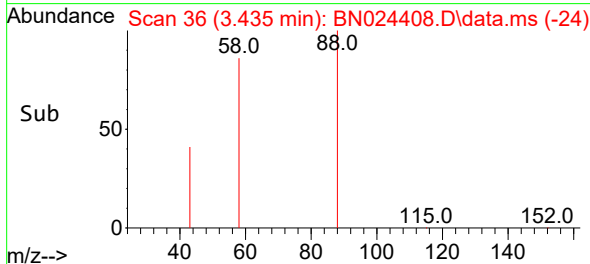
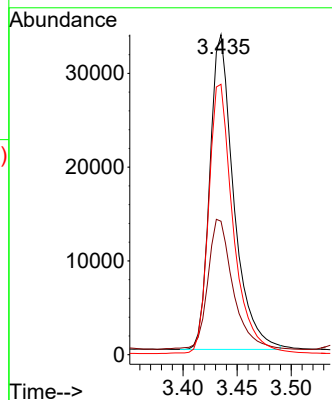
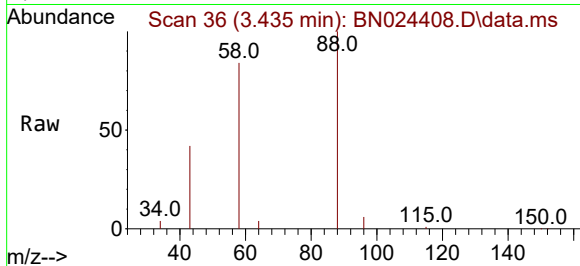




#2
 1,4-Dioxane
 Concen: 4.313 ng/ul
 RT: 3.435 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN024408.D
 Acq: 20 Mar 2023 12:56

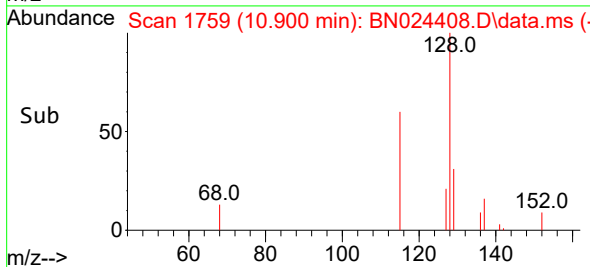
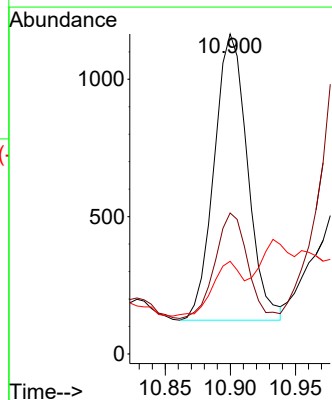
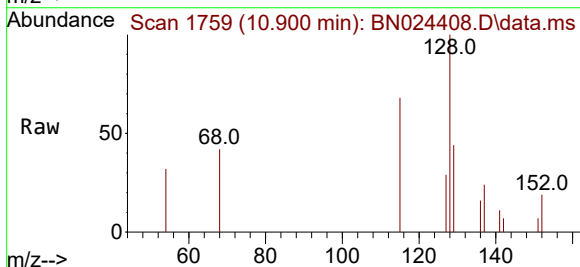
Instrument :
 BNA_N
 ClientSampleId :
 CB907

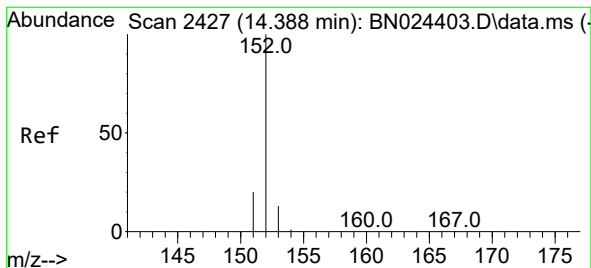
Tgt Ion: 88 Resp: 51836
 Ion Ratio Lower Upper
 88 100
 43 41.7 32.1 48.1
 58 84.5 55.1 82.7#



#5
 Naphthalene
 Concen: 0.023 ng/ul
 RT: 10.900 min Scan# 1759
 Delta R.T. 0.000 min
 Lab File: BN024408.D
 Acq: 20 Mar 2023 12:56

Tgt Ion:128 Resp: 1857
 Ion Ratio Lower Upper
 128 100
 129 44.0 9.0 13.6#
 127 28.9 10.5 15.7#





#10

Acenaphthylene

Concen: 0.022 ng/ul

RT: 14.393 min Scan# 2427

Delta R.T. 0.005 min

Lab File: BN024408.D

Acq: 20 Mar 2023 12:56

Instrument :

BNA_N

ClientSampleId :

CB907

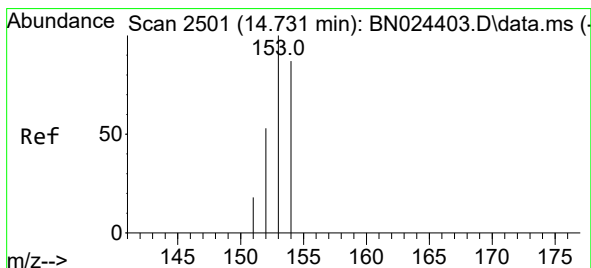
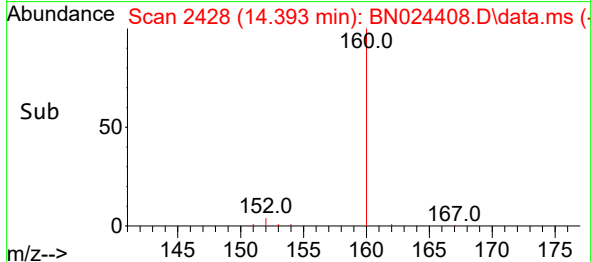
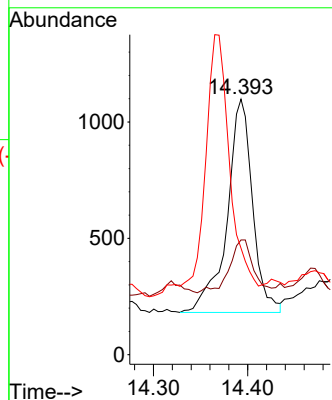
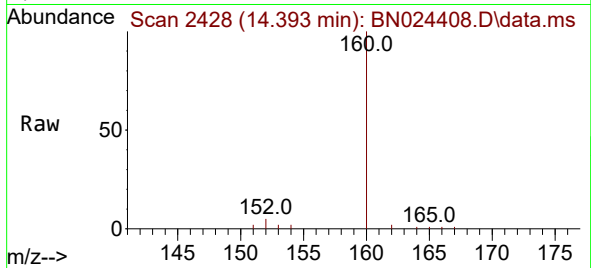
Tgt Ion:152 Resp: 1726

Ion Ratio Lower Upper

152 100

151 44.9 15.9 23.9#

153 41.7 10.6 16.0#



#11

Acenaphthene

Concen: 0.040 ng/ul

RT: 14.731 min Scan# 2501

Delta R.T. -0.000 min

Lab File: BN024408.D

Acq: 20 Mar 2023 12:56

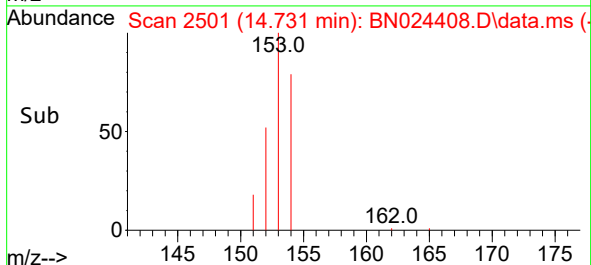
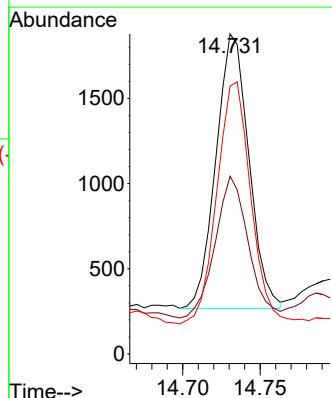
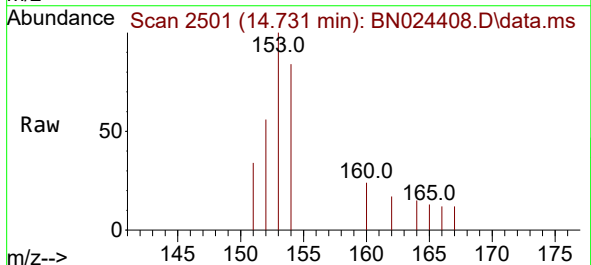
Tgt Ion:153 Resp: 2381

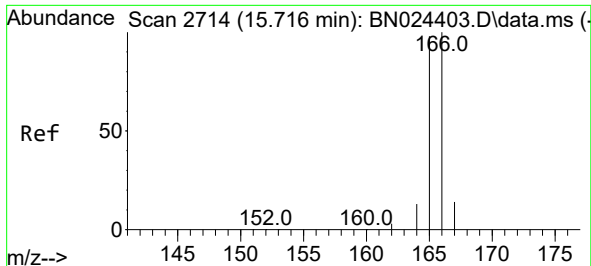
Ion Ratio Lower Upper

153 100

152 55.5 42.6 64.0

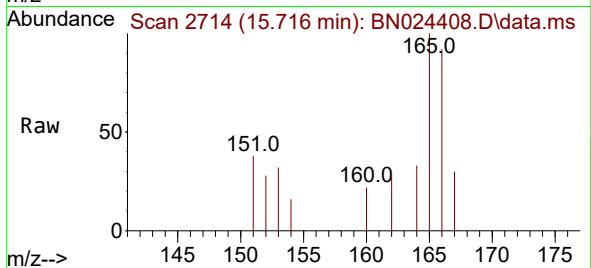
154 83.7 70.6 105.8



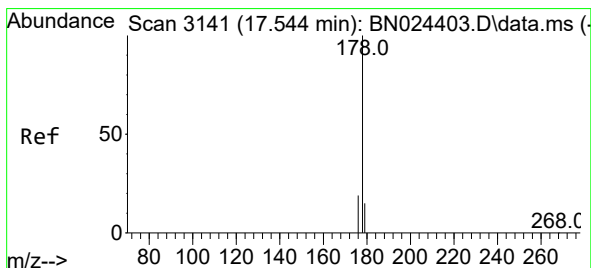
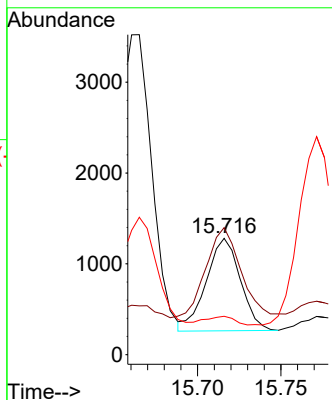
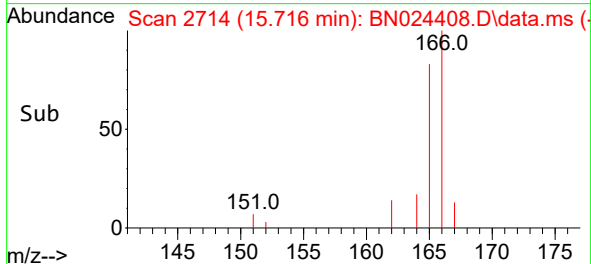


#12
Fluorene
Concen: 0.022 ng/ul
RT: 15.716 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024408.D
Acq: 20 Mar 2023 12:56

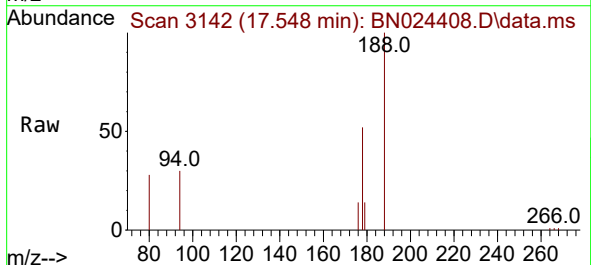
Instrument :
BNA_N
ClientSampleId :
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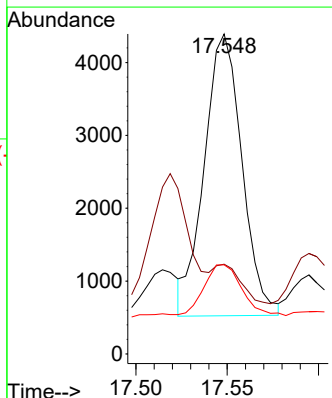
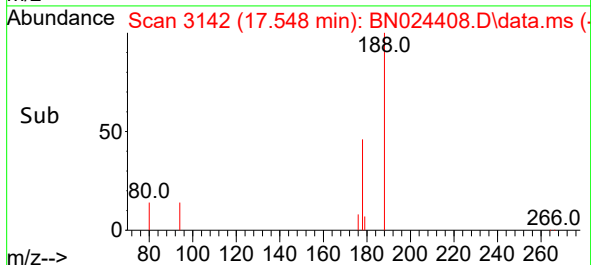
Tgt Ion:166 Resp: 1454
Ion Ratio Lower Upper
166 100
165 109.2 77.4 116.0
167 33.0 10.9 16.3#

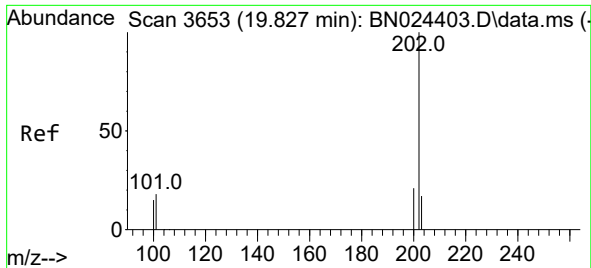


#16
Anthracene
Concen: 0.061 ng/ul
RT: 17.548 min Scan# 3142
Delta R.T. 0.004 min
Lab File: BN024408.D
Acq: 20 Mar 2023 12:56



Tgt Ion:178 Resp: 5561
Ion Ratio Lower Upper
178 100
179 28.0 12.3 18.5#
176 27.8 15.3 22.9#

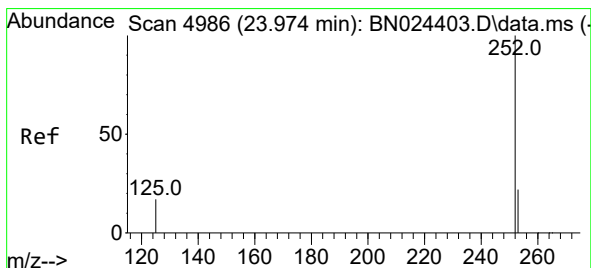
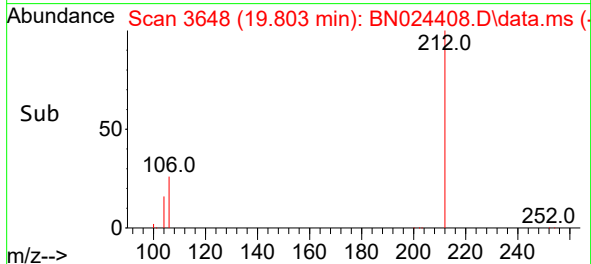
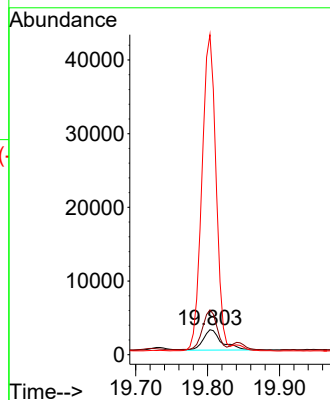
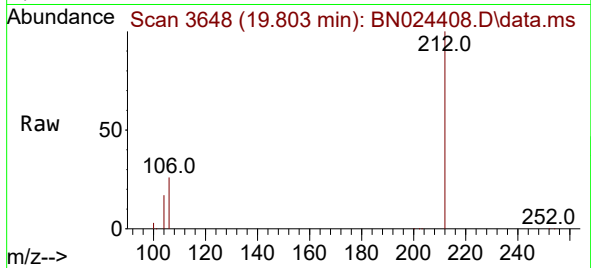




#20
Pyrene
Concen: 0.049 ng/ul
RT: 19.803 min Scan# 3648
Delta R.T. -0.023 min
Lab File: BN024408.D
Acq: 20 Mar 2023 12:56

Instrument :
BNA_N
ClientSampleId :
CB907

Tgt Ion:202 Resp: 5064
Ion Ratio Lower Upper
202 100
101 178.8 12.1 18.1#
100 1278.4 9.4 14.0#



#26
Benzo(a)pyrene
Concen: 0.127 ng/ul
RT: 23.951 min Scan# 4978
Delta R.T. -0.023 min
Lab File: BN024408.D
Acq: 20 Mar 2023 12:56

Tgt Ion:252 Resp: 7419
Ion Ratio Lower Upper
252 100
253 46.4 19.2 28.8#
125 51.7 15.8 23.6#

