

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024203.D
 Acq On : 09 Mar 2023 17:12
 Operator : CG/JU
 Sample : 01746-20
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

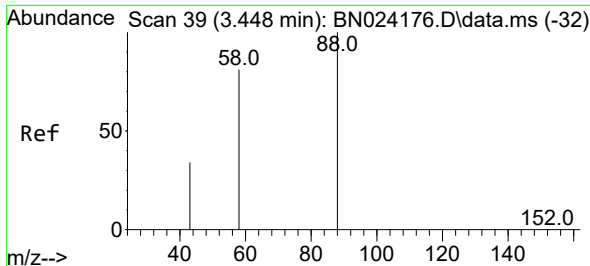
Instrument :
 BNA_N
 ClientSampleId :
 DCAC5

Quant Time: Mar 10 02:24:40 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 08:02:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	8927	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	27486	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	15919	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	32264	0.400	ng/ul	0.00
17) Chrysene-d12	21.621	240	20967	0.400	ng/ul	0.00
23) Perylene-d12	24.123	264	17458	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	41579	4.232	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	10800	0.331	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	27268	0.489	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	249	0.023	ng/ul#	44
5) Naphthalene	10.922	128	9078	0.132	ng/ul	97
7) 2-Methylnaphthalene	12.528	142	5059	0.122	ng/ul	98
8) 1-Methylnaphthalene	12.742	142	2897	0.066	ng/ul	93
11) Acenaphthene	14.749	153	1672	0.033	ng/ul	96
12) Fluorene	15.735	166	1895	0.033	ng/ul#	87
14) Pentachlorophenol	17.076	266	4499	0.502	ng/ul#	73
15) Phenanthrene	17.472	178	2821	0.031	ng/ul#	84
16) Anthracene	17.565	178	2824	0.035	ng/ul#	86
20) Pyrene	19.822	202	5033	0.059	ng/ul#	1
26) Benzo(a)pyrene	23.965	252	6554	0.114	ng/ul#	65

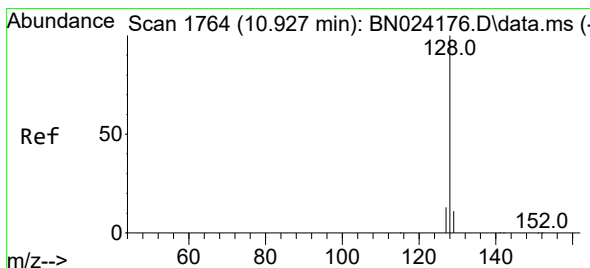
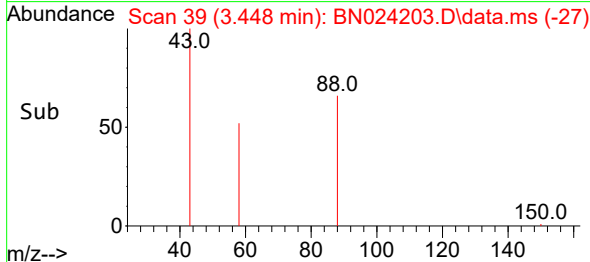
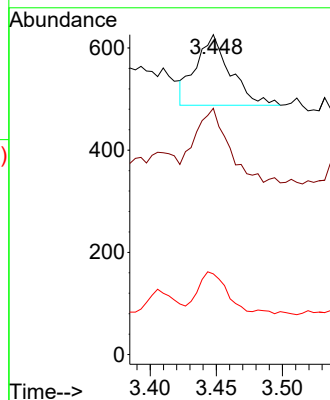
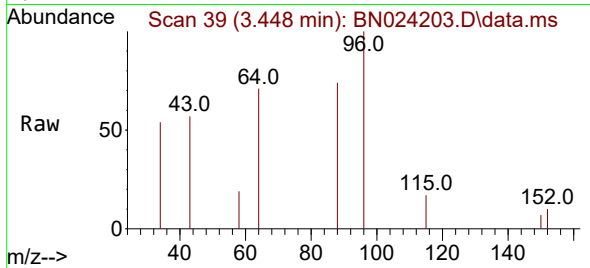
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.023 ng/ul
RT: 3.448 min Scan# 39
Delta R.T. 0.000 min
Lab File: BN024203.D
Acq: 09 Mar 2023 17:12

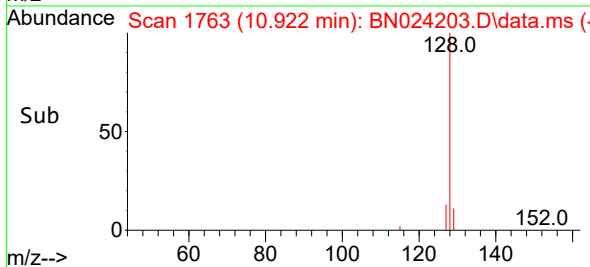
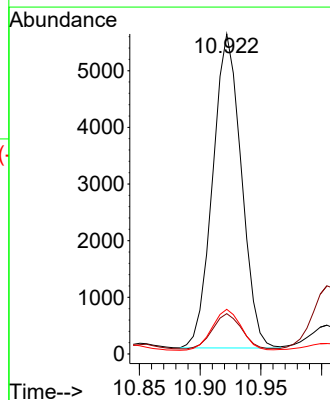
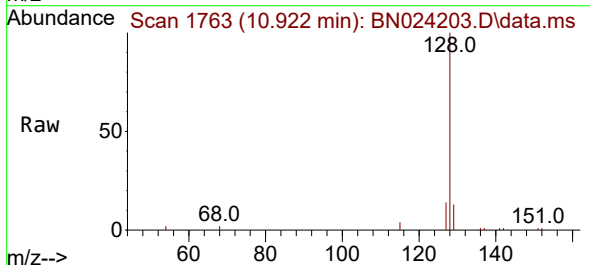
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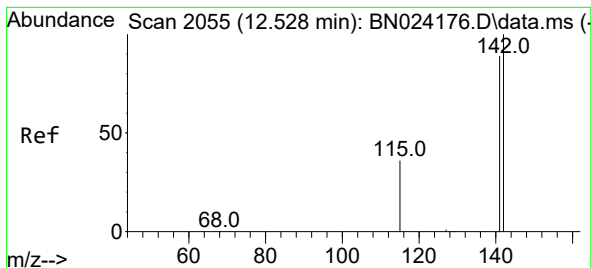
Tgt Ion: 88 Resp: 249
Ion Ratio Lower Upper
88 100
43 77.0 32.1 48.1#
58 25.2 55.1 82.7#



#5
Naphthalene
Concen: 0.132 ng/ul
RT: 10.922 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN024203.D
Acq: 09 Mar 2023 17:12

Tgt Ion: 128 Resp: 9078
Ion Ratio Lower Upper
128 100
129 12.6 9.0 13.6
127 14.0 10.5 15.7





#7

2-Methylnaphthalene

Concen: 0.122 ng/ul

RT: 12.528 min Scan# 2055

Delta R.T. 0.006 min

Lab File: BN024203.D

Acq: 09 Mar 2023 17:12

Instrument :

BNA_N

ClientSampleId :

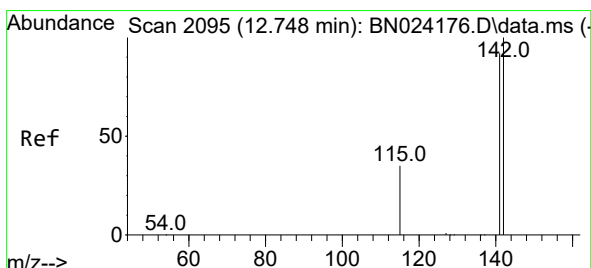
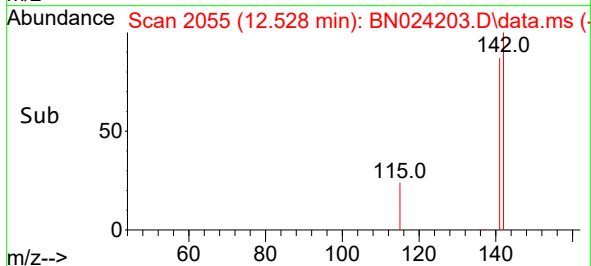
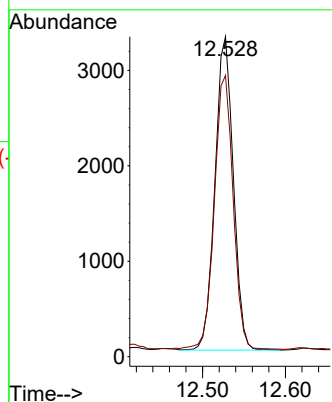
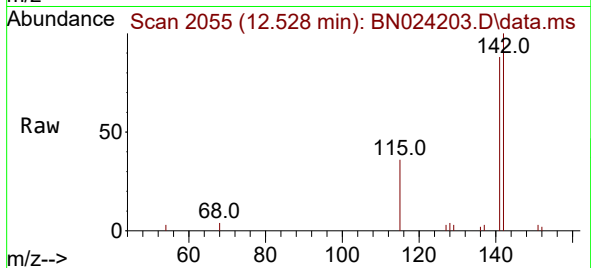
DCAC5

Tgt Ion:142 Resp: 5059

Ion Ratio Lower Upper

142 100

141 89.6 70.3 105.5



#8

1-Methylnaphthalene

Concen: 0.066 ng/ul

RT: 12.742 min Scan# 2094

Delta R.T. 0.000 min

Lab File: BN024203.D

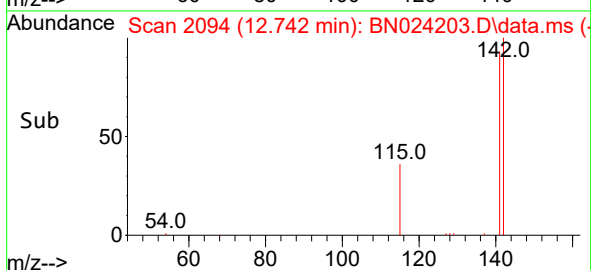
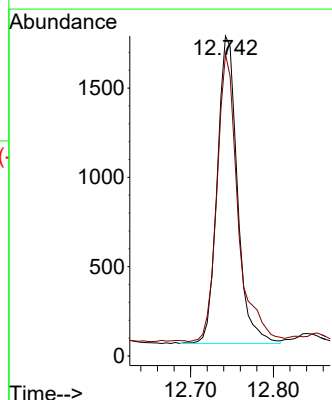
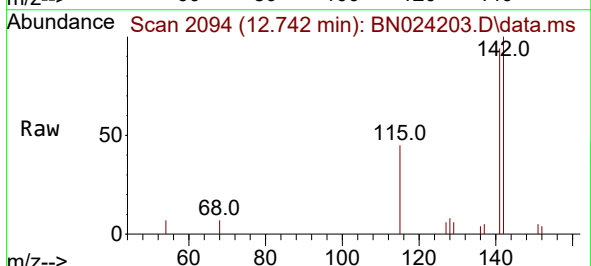
Acq: 09 Mar 2023 17:12

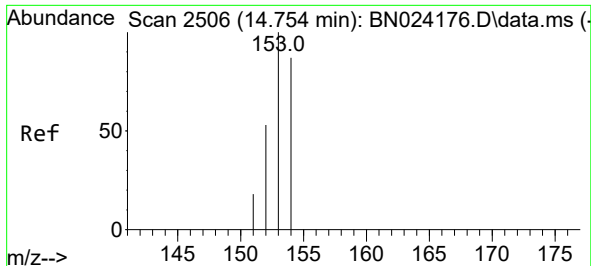
Tgt Ion:142 Resp: 2897

Ion Ratio Lower Upper

142 100

141 98.0 73.0 109.6

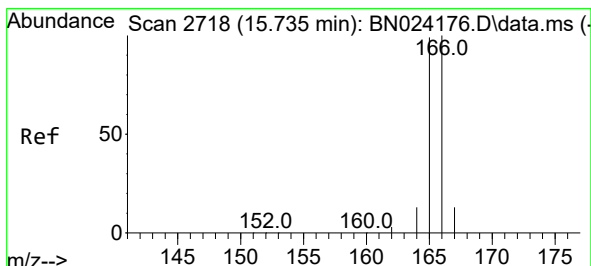
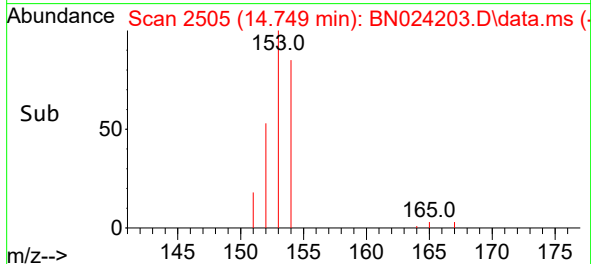
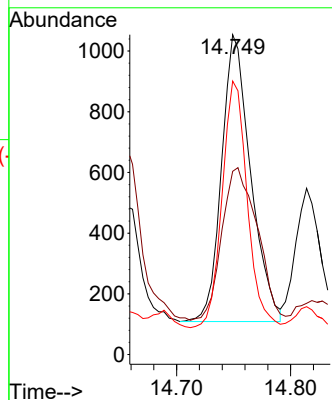
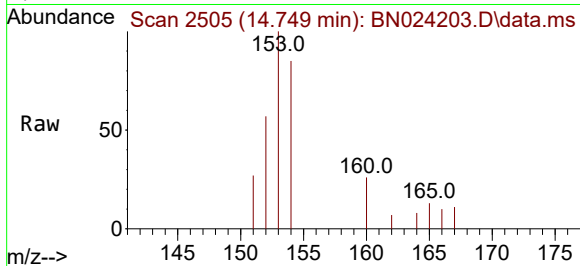




#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.749 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN024203.D
Acq: 09 Mar 2023 17:12

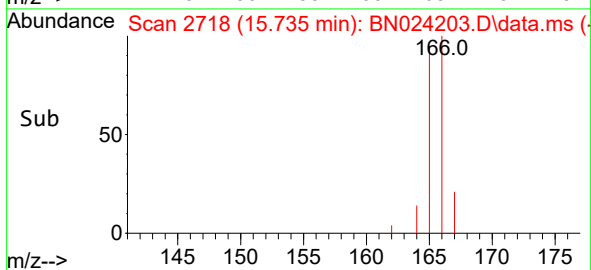
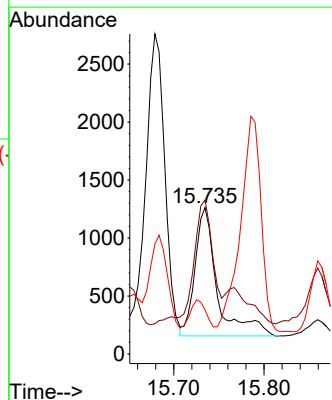
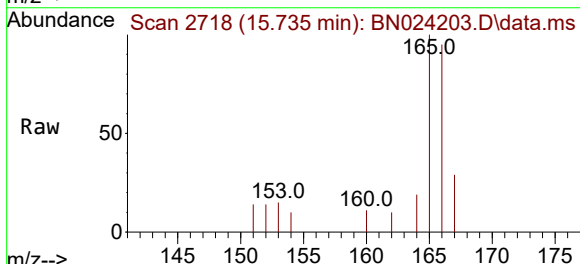
Instrument :
BNA_N
ClientSampleId :
DCAC5

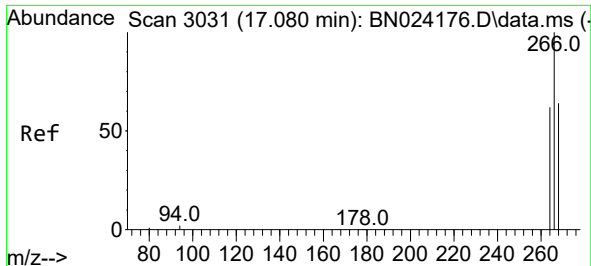
Tgt Ion:153 Resp: 1672
Ion Ratio Lower Upper
153 100
152 57.3 42.6 64.0
154 85.5 70.6 105.8



#12
Fluorene
Concen: 0.033 ng/ul
RT: 15.735 min Scan# 2718
Delta R.T. 0.000 min
Lab File: BN024203.D
Acq: 09 Mar 2023 17:12

Tgt Ion:166 Resp: 1895
Ion Ratio Lower Upper
166 100
165 105.1 77.4 116.0
167 30.1 10.9 16.3#

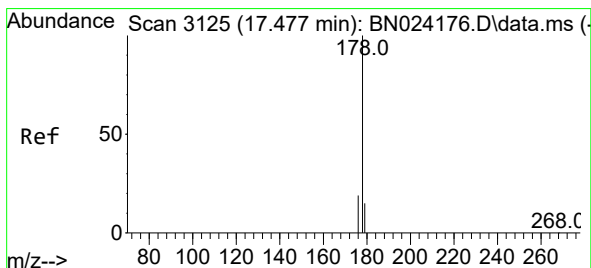
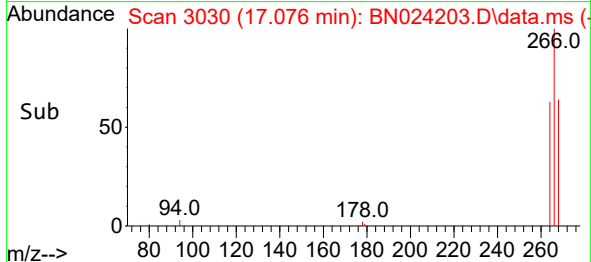
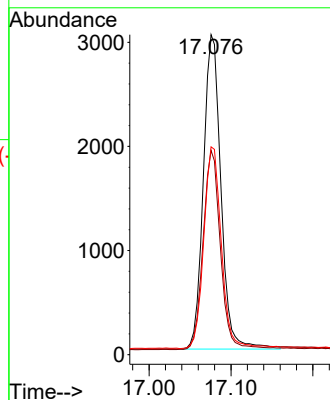
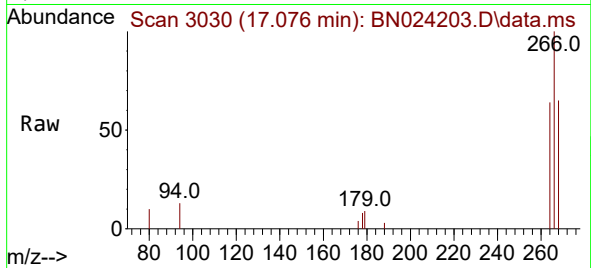




#14
Pentachlorophenol
Concen: 0.502 ng/ul
RT: 17.076 min Scan# 3031
Delta R.T. 0.000 min
Lab File: BN024203.D
Acq: 09 Mar 2023 17:12

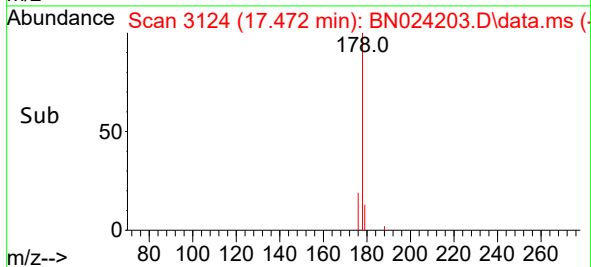
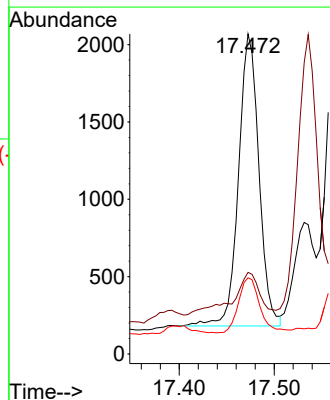
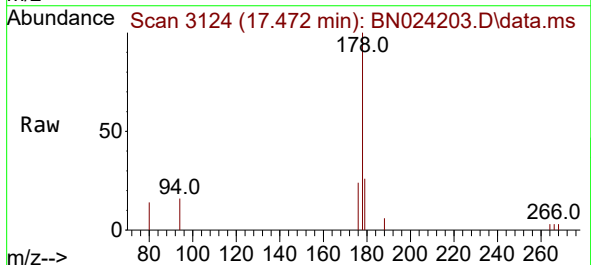
Instrument :
BNA_N
ClientSampleId :
DCAC5

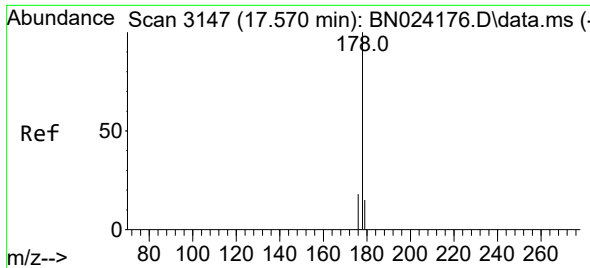
Tgt Ion:266 Resp: 4499
Ion Ratio Lower Upper
266 100
264 62.5 0.0 0.0#
268 64.5 0.1 0.1#



#15
Phenanthrene
Concen: 0.031 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN024203.D
Acq: 09 Mar 2023 17:12

Tgt Ion:178 Resp: 2821
Ion Ratio Lower Upper
178 100
179 25.5 12.2 18.2#
176 23.8 15.7 23.5#

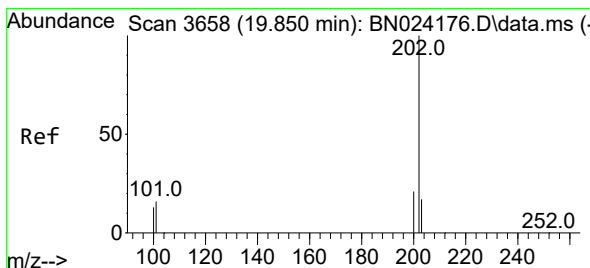
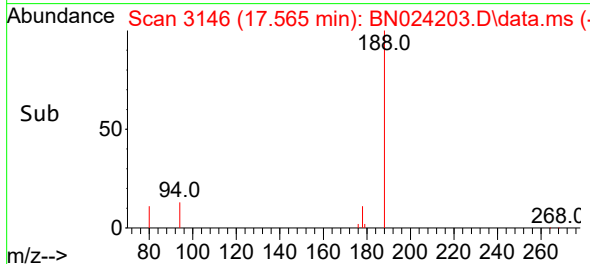
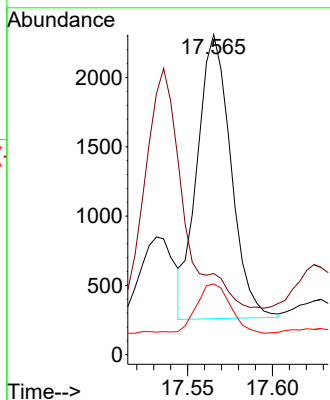
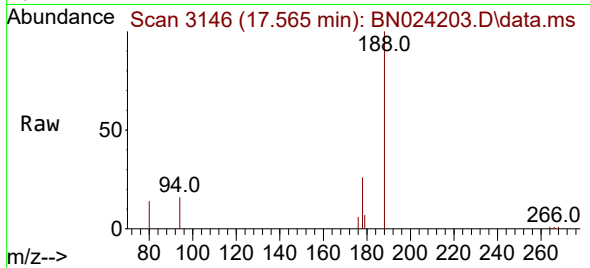




#16
 Anthracene
 Concen: 0.035 ng/ul
 RT: 17.565 min Scan# 3146
 Delta R.T. 0.000 min
 Lab File: BN024203.D
 Acq: 09 Mar 2023 17:12

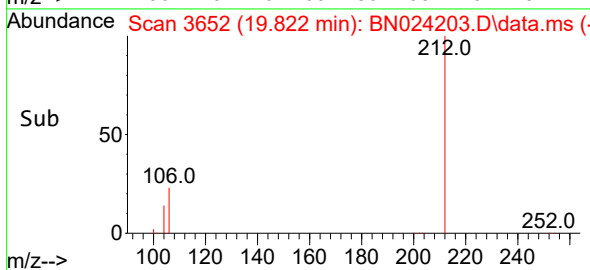
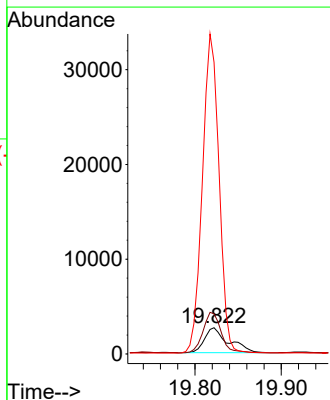
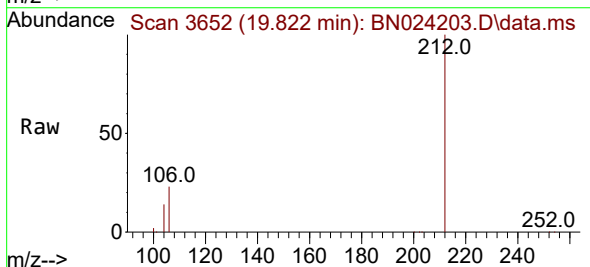
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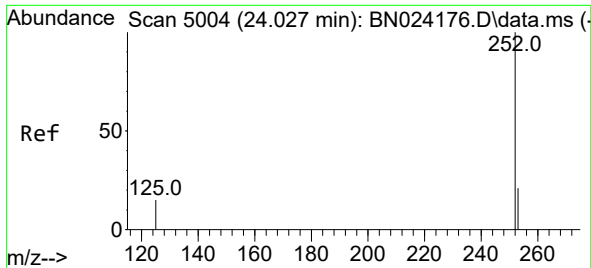
Tgt Ion:178 Resp: 2824
 Ion Ratio Lower Upper
 178 100
 179 25.3 12.3 18.5#
 176 22.1 15.3 22.9



#20
 Pyrene
 Concen: 0.059 ng/ul
 RT: 19.822 min Scan# 3652
 Delta R.T. -0.023 min
 Lab File: BN024203.D
 Acq: 09 Mar 2023 17:12

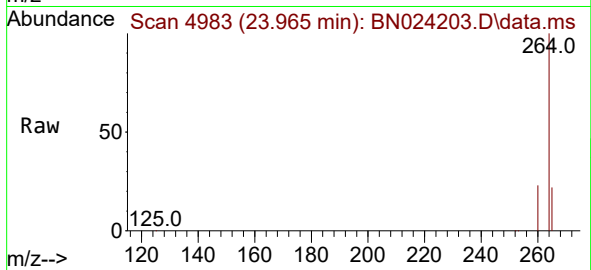
Tgt Ion:202 Resp: 5033
 Ion Ratio Lower Upper
 202 100
 101 153.6 12.1 18.1#
 100 1114.3 9.4 14.0#





#26
Benzo(a)pyrene
Concen: 0.114 ng/ul
RT: 23.965 min Scan# 4983
Delta R.T. -0.038 min
Lab File: BN024203.D
Acq: 09 Mar 2023 17:12

Instrument :
BNA_N
ClientSampleId :
DCAC5



Tgt Ion:252 Resp: 6554
Ion Ratio Lower Upper
252 100
253 39.3 19.2 28.8#
125 37.5 15.8 23.6#

