

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038946.D
 Acq On : 09 Mar 2023 15:25
 Operator : CG/JU
 Sample : 01784-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 09 18:13:37 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 13:36:03 2023
 Response via : Initial Calibration

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

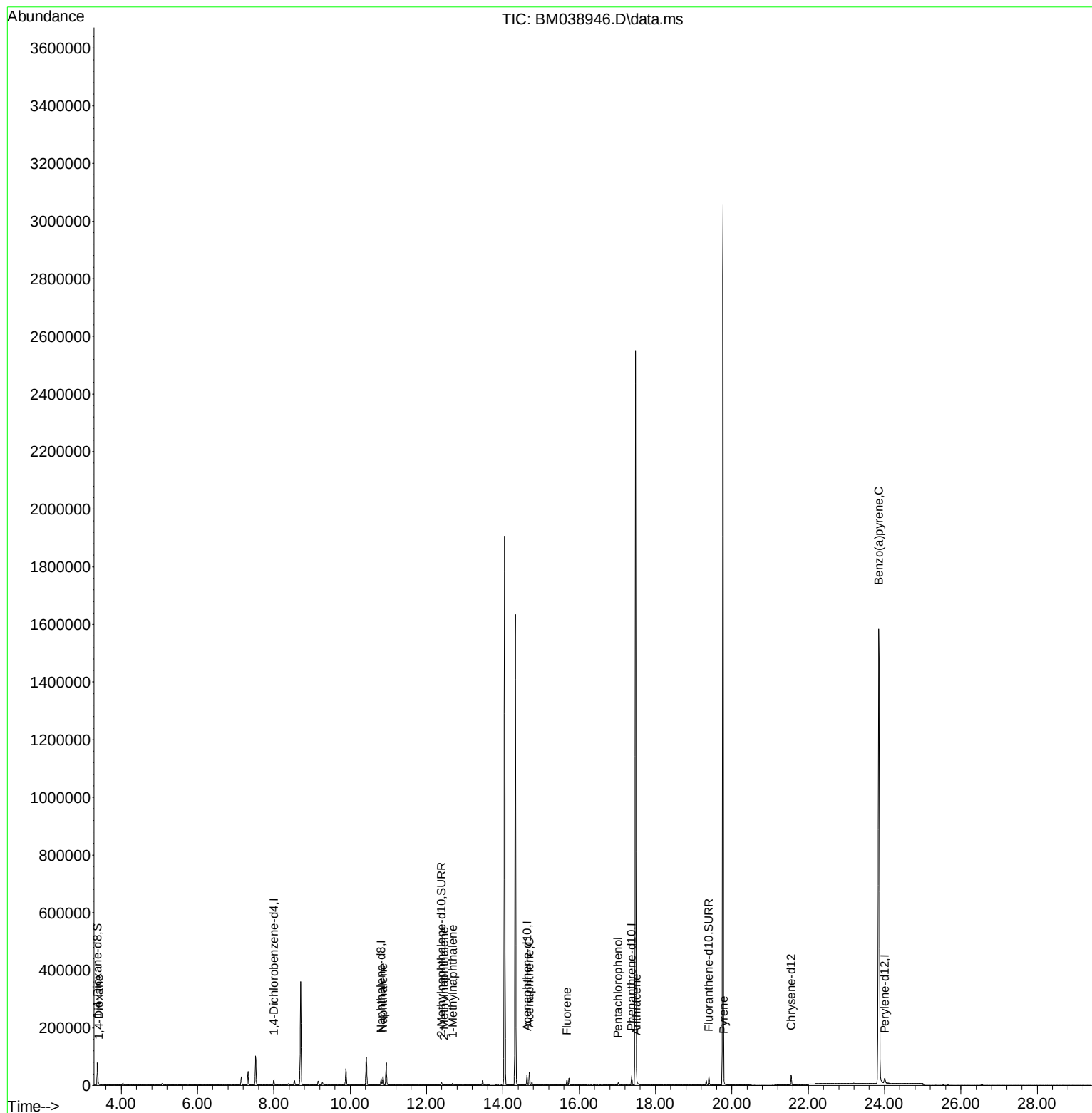
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	9414	0.400	ng/ul	0.00
4) Naphthalene-d8	10.811	136	32899	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.633	164	18739	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	39324	0.400	ng/ul	0.00
17) Chrysene-d12	21.556	240	32051	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	26581	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	48964	4.597	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.395	152	13688	0.344	ng/ul	0.00
18) Fluoranthene-d10	19.398	212	32167	0.422	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.413	88	495	0.046	ng/ul#	50
5) Naphthalene	10.860	128	40141	0.510	ng/ul	100
7) 2-Methylnaphthalene	12.466	142	1389	0.029	ng/ul	96
8) 1-Methylnaphthalene	12.686	142	5018	0.100	ng/ul	99
11) Acenaphthene	14.693	153	26028	0.464	ng/ul	98
12) Fluorene	15.678	166	11853	0.187	ng/ul	100
14) Pentachlorophenol	17.020	266	5516	0.583	ng/ul	99
16) Anthracene	17.509	178	2187	0.026	ng/ul#	83
20) Pyrene	19.793	202	3557	0.032	ng/ul#	88
26) Benzo(a)pyrene	23.850	252	9112	0.110	ng/ul#	62

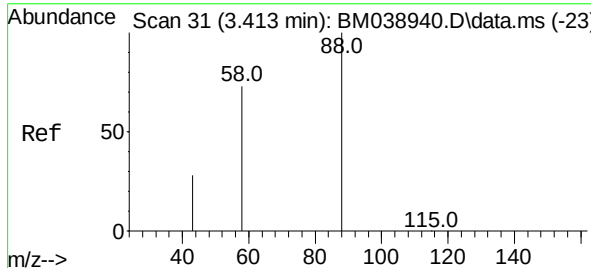
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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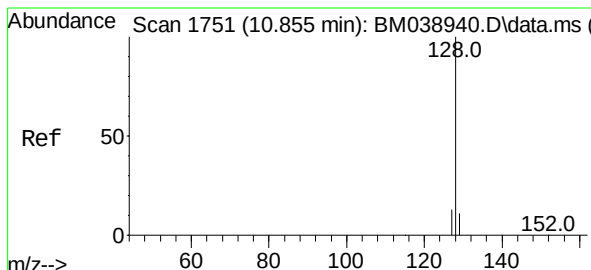
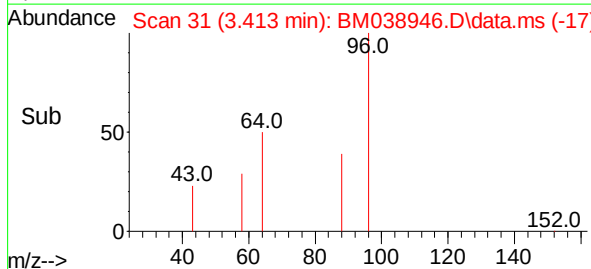
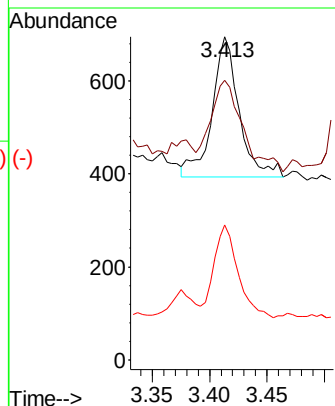
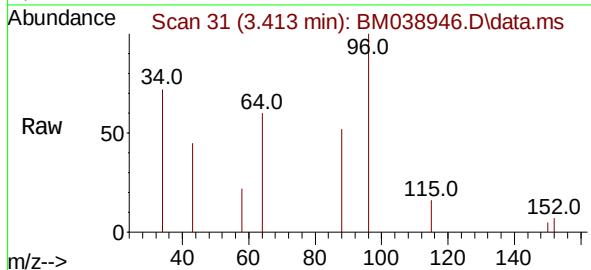




1,4-Dioxane
Concen: 0.046 ng/ul
RT: 3.413 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM038946.D
Acq: 09 Mar 2023 15:25

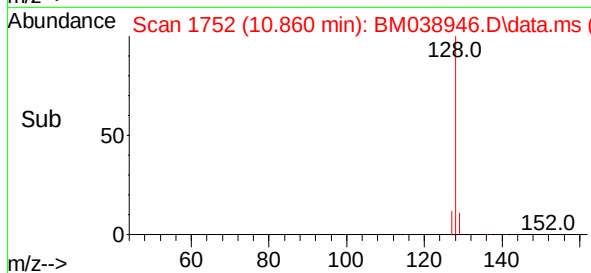
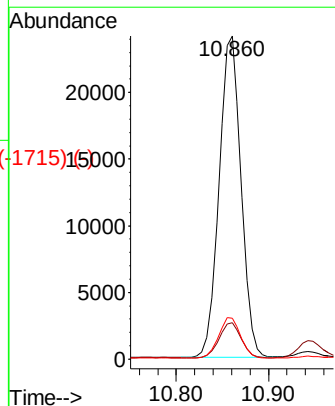
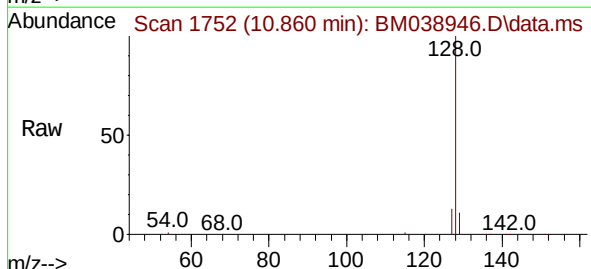
Instrument :
BNA_M
ClientSampleId :

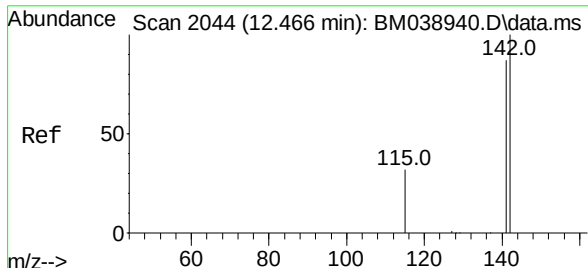
Tgt Ion: 88 Resp: 495
Ion Ratio Lower Upper
88 100
43 86.6 27.2 40.8#
58 41.7 50.8 76.2#



Naphthalene
Concen: 0.510 ng/ul
RT: 10.860 min Scan# 1752
Delta R.T. 0.005 min
Lab File: BM038946.D
Acq: 09 Mar 2023 15:25

Tgt Ion:128 Resp: 40141
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 12.7 10.3 15.5

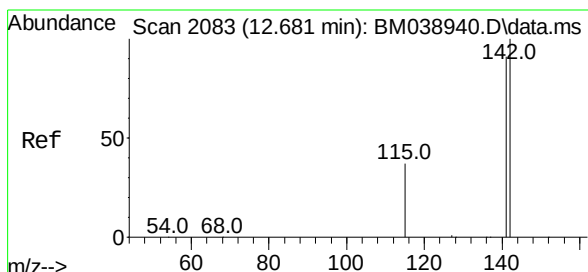
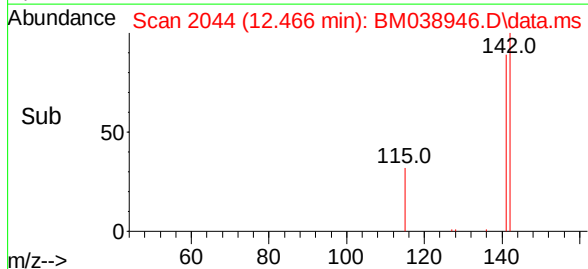
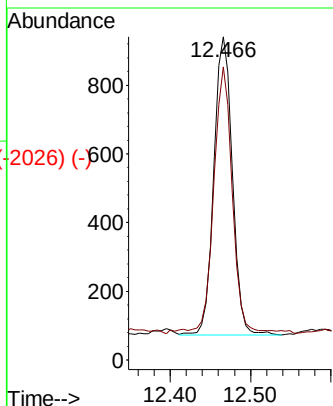
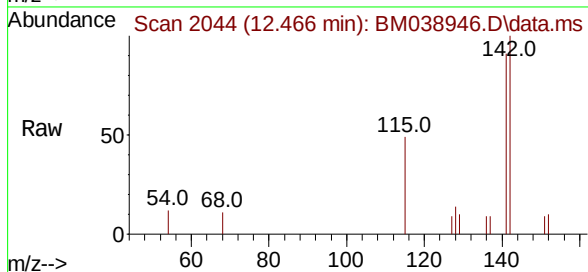




2-Methylnaphthalene
 Concen: 0.029 ng/ul
 RT: 12.466 min Scan# 2076
 Delta R.T. -0.000 min
 Lab File: BM038946.D
 Acq: 09 Mar 2023 15:25

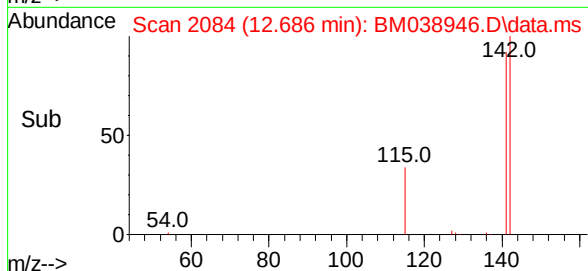
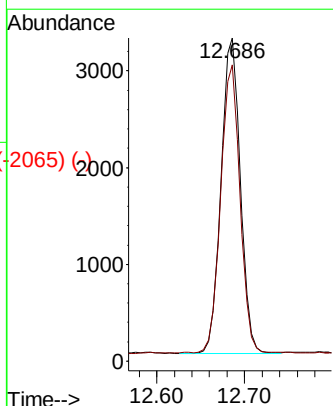
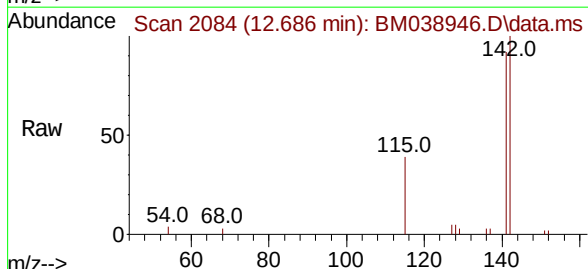
Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:142 Resp: 1389
 Ion Ratio Lower Upper
 142 100
 141 91.4 69.9 104.9

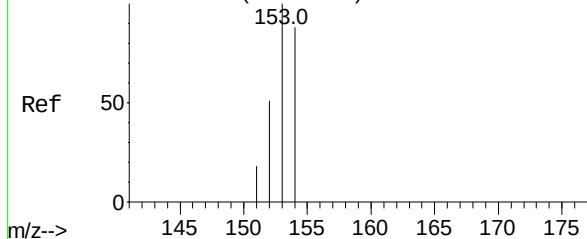


1-Methylnaphthalene
 Concen: 0.100 ng/ul
 RT: 12.686 min Scan# 2084
 Delta R.T. 0.005 min
 Lab File: BM038946.D
 Acq: 09 Mar 2023 15:25

Tgt Ion:142 Resp: 5018
 Ion Ratio Lower Upper
 142 100
 141 90.5 73.5 110.3



Abundance Scan 2493 (14.693 min): BM038940.D\data.ms (-2491) (-)



Acenaphthene

Concen: 0.464 ng/ul

RT: 14.693 min Scan# 2493

Delta R.T. -0.000 min

Lab File: BM038946.D

Acq: 09 Mar 2023 15:25

Instrument :

BNA_M

ClientSampleId :

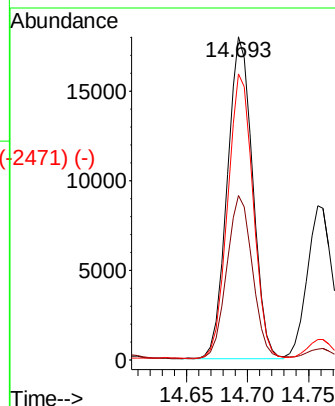
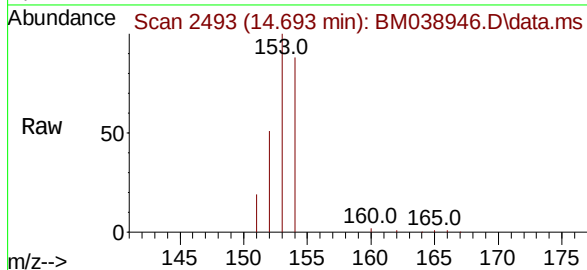
Tgt Ion:153 Resp: 26028

Ion Ratio Lower Upper

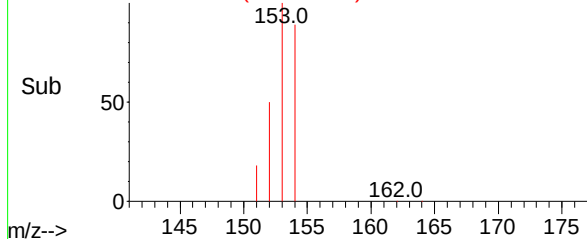
153 100

152 50.9 44.2 66.2

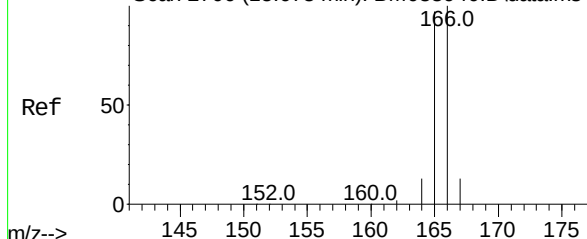
154 88.4 70.6 105.8



Abundance Scan 2493 (14.693 min): BM038946.D\data.ms (-2471) (-)



Abundance Scan 2706 (15.678 min): BM038940.D\data.ms (-2692) (-)



Fluorene

Concen: 0.187 ng/ul

RT: 15.678 min Scan# 2706

Delta R.T. -0.000 min

Lab File: BM038946.D

Acq: 09 Mar 2023 15:25

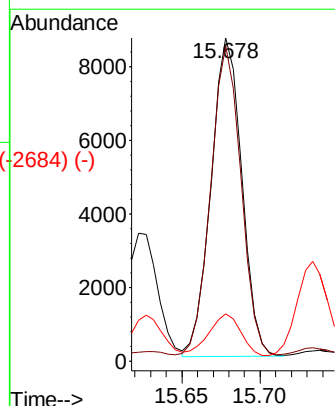
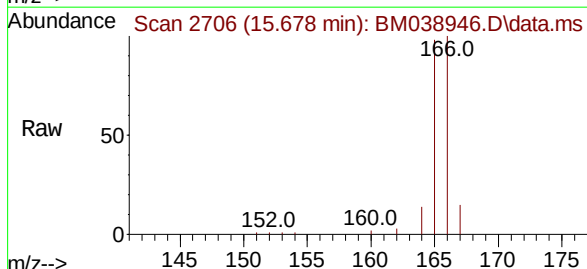
Tgt Ion:166 Resp: 11853

Ion Ratio Lower Upper

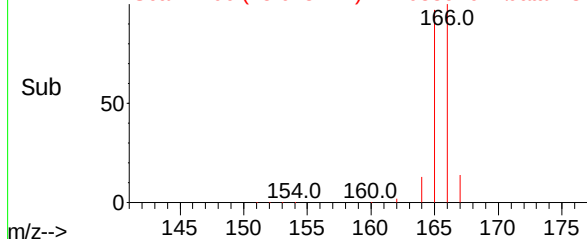
166 100

165 97.6 77.8 116.6

167 14.6 11.4 17.2



Abundance Scan 2706 (15.678 min): BM038946.D\data.ms (-2684) (-)



Abundance Scan 3017 (17.020 min): BM038940.D\data.ms (-3019) (-)

Pentachlorophenol

Concen: 0.583 ng/ul

RT: 17.020 min Scan# 3019

Delta R.T. -0.000 min

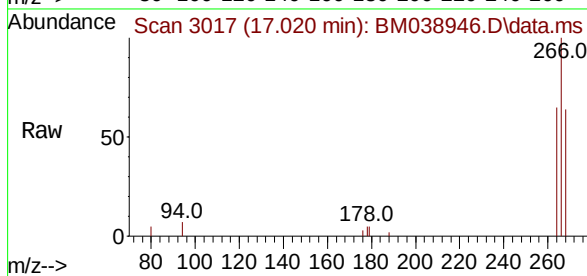
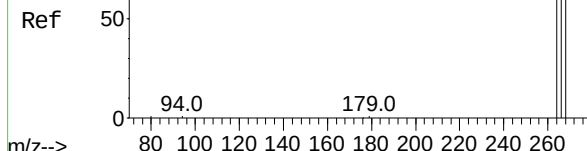
Lab File: BM038946.D

Acq: 09 Mar 2023 15:25

Instrument :

BNA_M

ClientSampleId :



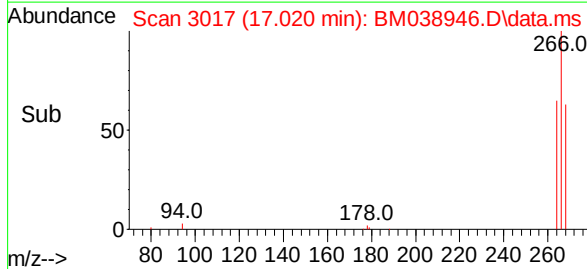
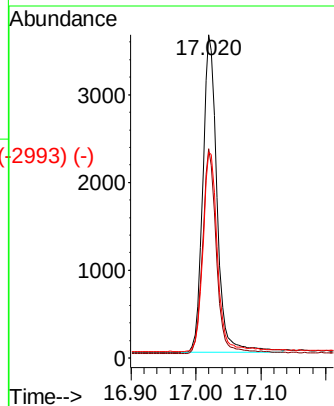
Tgt Ion:266 Resp: 5516

Ion Ratio Lower Upper

266 100

264 62.9 50.2 75.2

268 63.8 50.2 75.4



Abundance Scan 3132 (17.505 min): BM038940.D\data.ms (-3110) (-)

Anthracene

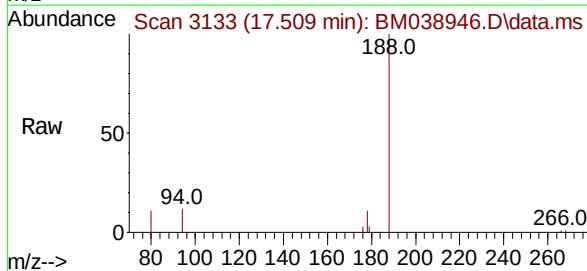
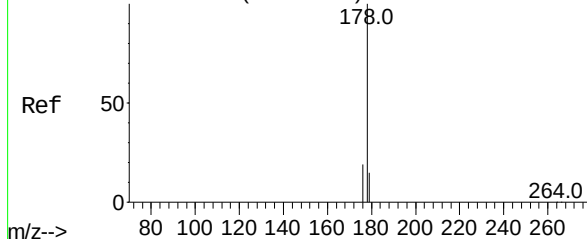
Concen: 0.026 ng/ul

RT: 17.509 min Scan# 3133

Delta R.T. 0.004 min

Lab File: BM038946.D

Acq: 09 Mar 2023 15:25



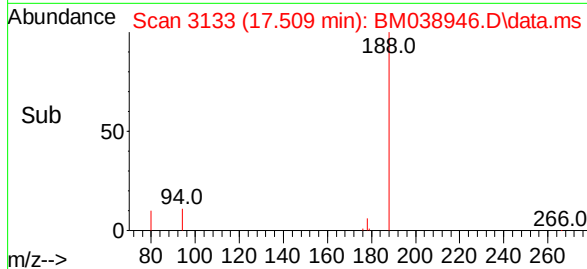
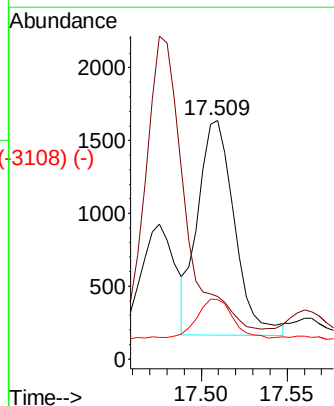
Tgt Ion:178 Resp: 2187

Ion Ratio Lower Upper

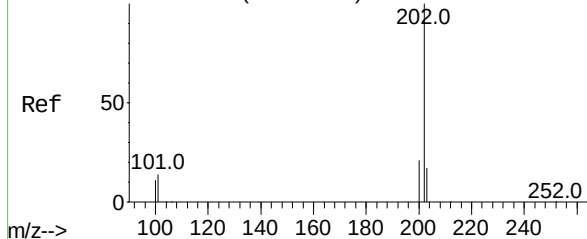
178 100

179 26.1 13.0 19.6#

176 24.9 15.4 23.2#



Abundance Scan 3645 (19.789 min): BM038940.D\data.ms (-3620) (-)



Pyrene

Concen: 0.032 ng/ul

RT: 19.793 min Scan#

Delta R.T. 0.004 min

Lab File: BM038946.D

Acq: 09 Mar 2023 15:25

Instrument :

BNA_M

ClientSampleId :

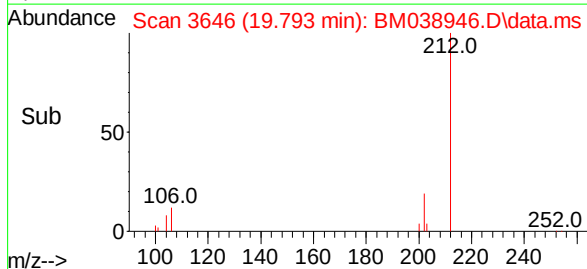
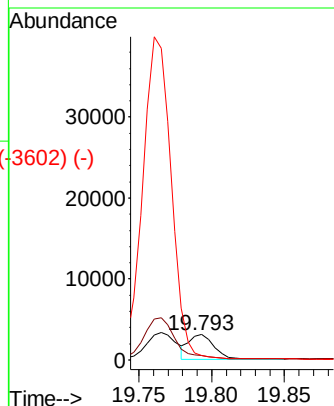
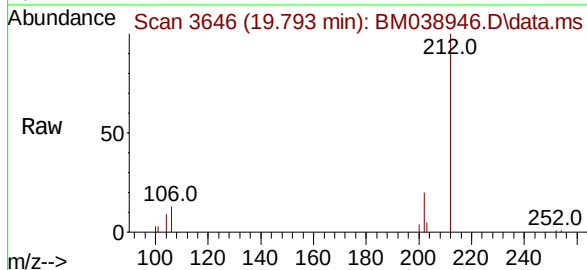
Tgt Ion:202 Resp: 3557

Ion Ratio Lower Upper

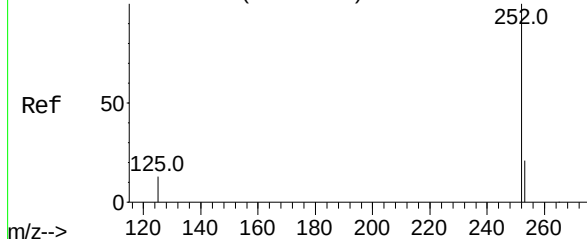
202 100

101 17.7 11.2 16.8#

100 17.1 9.0 13.6#



Abundance Scan 4957 (23.888 min): BM038940.D\data.ms (-4920) (-)



Benzo(a)pyrene

Concen: 0.110 ng/ul

RT: 23.850 min Scan# 4944

Delta R.T. -0.038 min

Lab File: BM038946.D

Acq: 09 Mar 2023 15:25

Tgt Ion:252 Resp: 9112

Ion Ratio Lower Upper

252 100

253 41.1 20.3 30.5#

125 39.0 14.0 21.0#

