

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 :
 DCAD2

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)

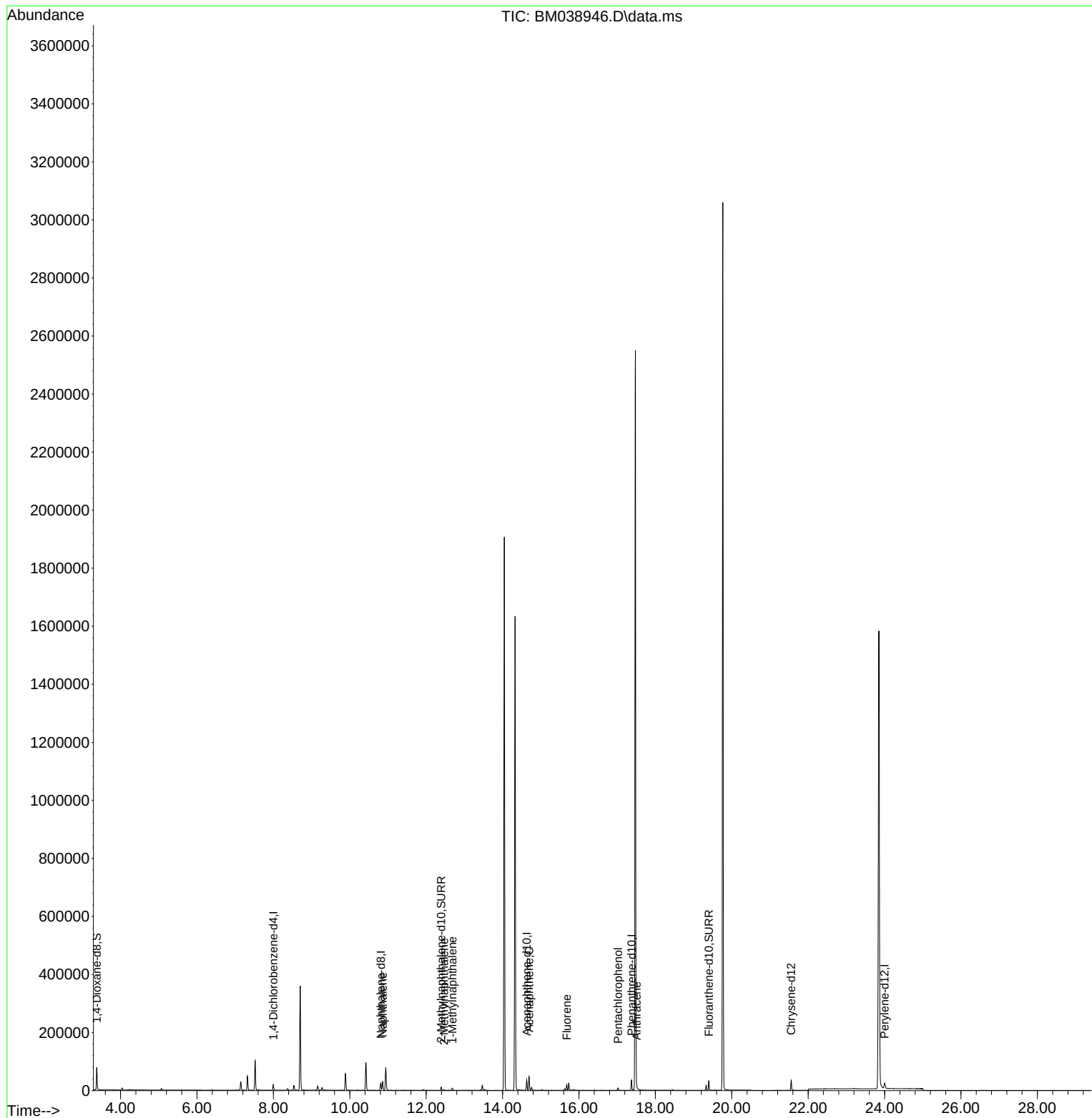
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	9414	0.400	ng/u1	0.00
4) Naphthalene-d8	10.811	136	32899	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.633	164	18739	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.374	188	39324	0.400	ng/u1	0.00
17) Chrysene-d12	21.556	240	32051	0.400	ng/u1	0.00
23) Perylene-d12	24.002	264	26581	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	48964	4.597	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.395	152	13688	0.344	ng/u1	0.00
18) Fluoranthene-d10	19.398	212	32167	0.422	ng/u1	0.00
Target Compounds						Qvalue
5) Naphthalene	10.860	128	40141	0.510	ng/u1	100
7) 2-Methylnaphthalene	12.466	142	1389	0.029	ng/u1	96
8) 1-Methylnaphthalene	12.686	142	5018	0.100	ng/u1	99
11) Acenaphthene	14.693	153	26028	0.464	ng/u1	98
12) Fluorene	15.678	166	11853	0.187	ng/u1	100
14) Pentachlorophenol	17.020	266	5516	0.583	ng/u1	99
16) Anthracene	17.509	178	2187	0.026	ng/u1#	83

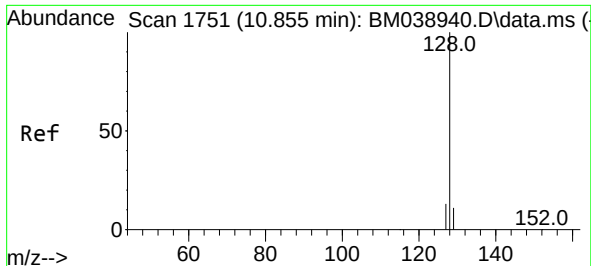
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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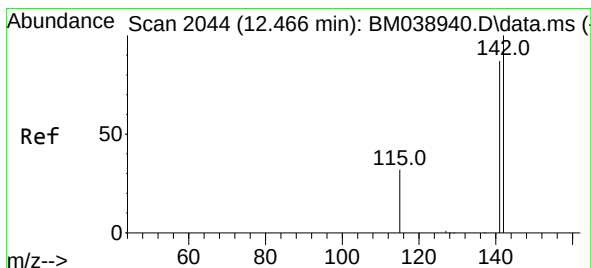
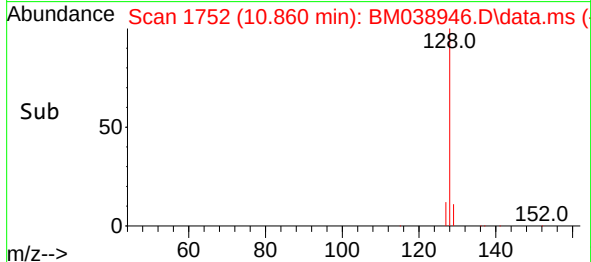
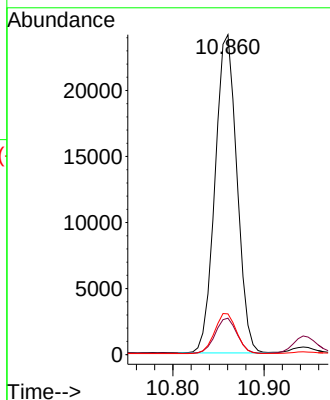
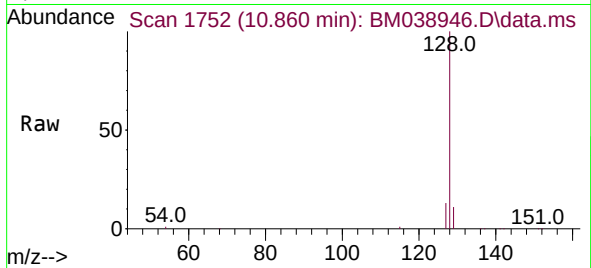




#5
Naphthalene
Concen: 0.510 ng/ul
RT: 10.860 min Scan# 1752
Delta R.T. 0.005 min
Lab File: BM038946.D
Acq: 09 Mar 2023 15:25

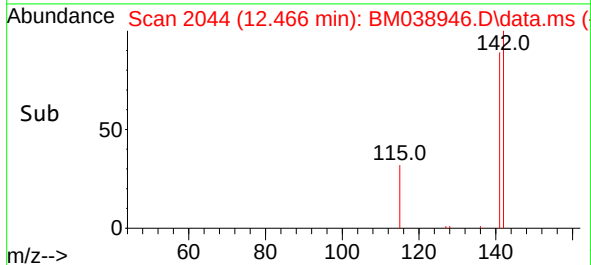
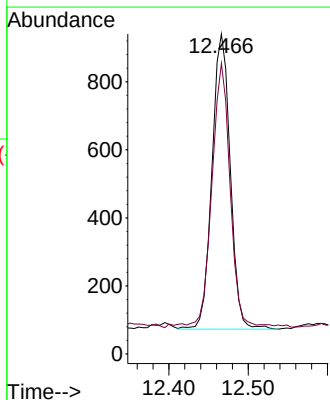
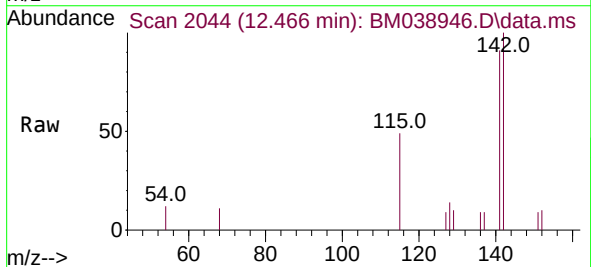
Instrument :
BNA_M
ClientSampleId :
DCAD2

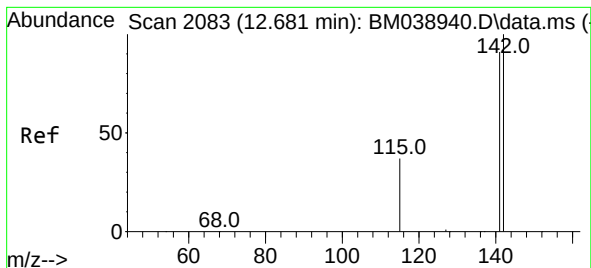
Tgt Ion:128 Resp: 40141
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 12.7 10.3 15.5



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.466 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BM038946.D
Acq: 09 Mar 2023 15:25

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





#8

1-Methylnaphthalene

Concen: 0.100 ng/ul

RT: 12.686 min Scan# 2083

Delta R.T. 0.005 min

Lab File: BM038946.D

Acq: 09 Mar 2023 15:25

Instrument :

BNA_M

ClientSampleId :

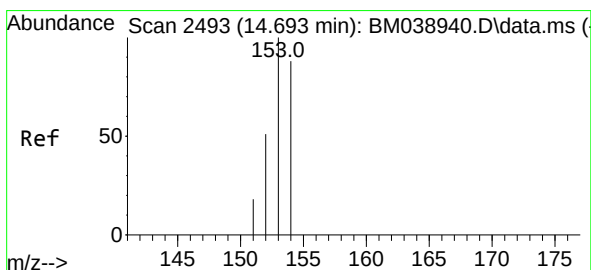
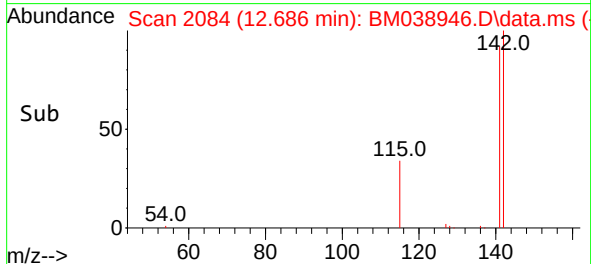
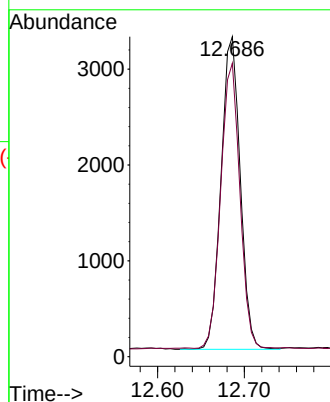
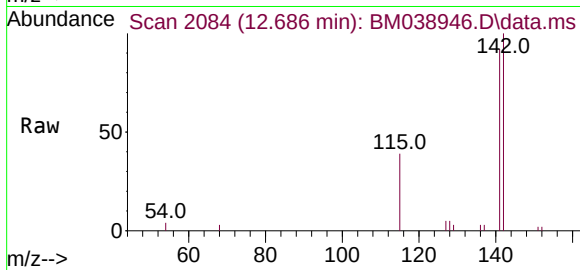
DCAD2

Tgt Ion:142 Resp: 5018

Ion Ratio Lower Upper

142 100

141 90.5 73.5 110.3



#11

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

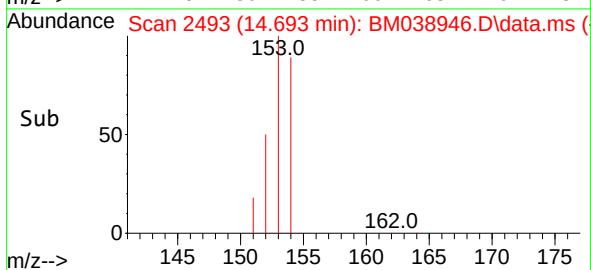
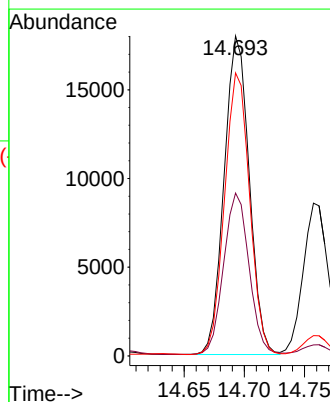
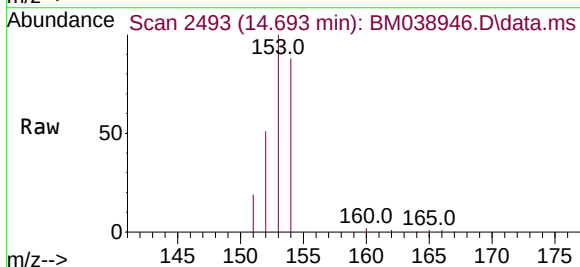
Tgt Ion:153 Resp: 26028

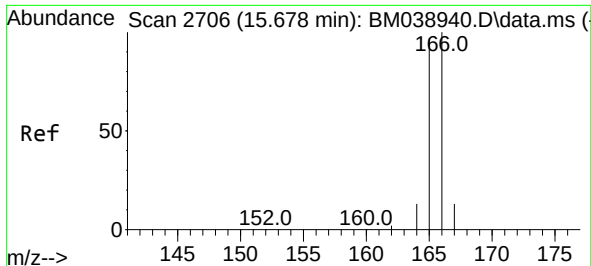
Ion Ratio Lower Upper

153 100

152 50.9 44.2 66.2

154 88.4 70.6 105.8

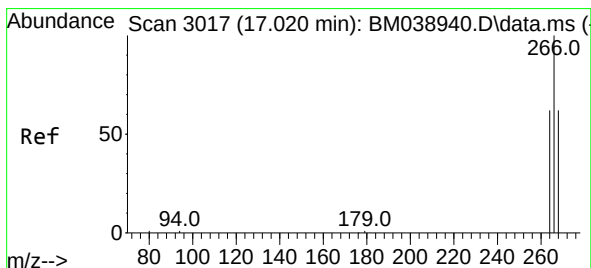
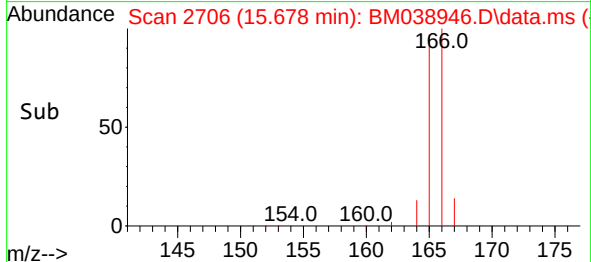
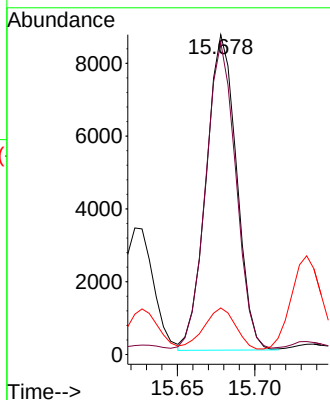
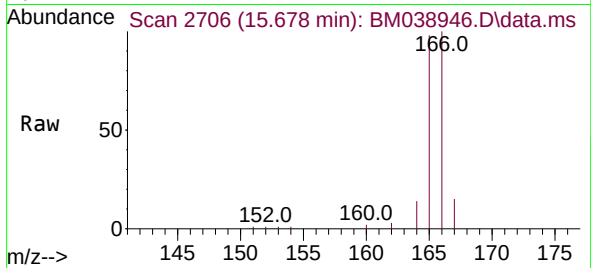




#12
Fluorene
Concen: 0.187 ng/ul
RT: 15.678 min Scan# 2706
Delta R.T. -0.000 min
Lab File: BM038946.D
Acq: 09 Mar 2023 15:25

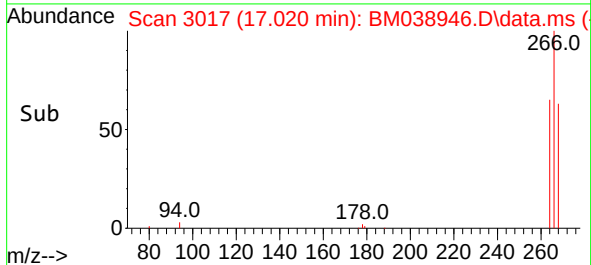
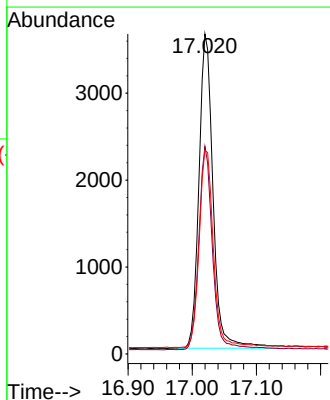
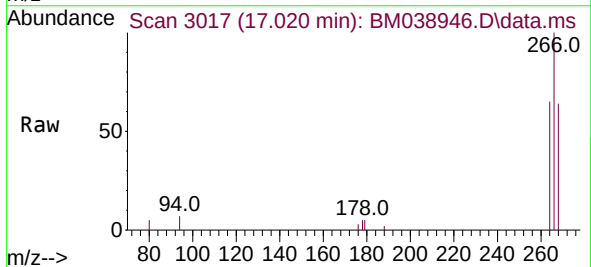
Instrument :
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ClientSampleId :
DCAD2

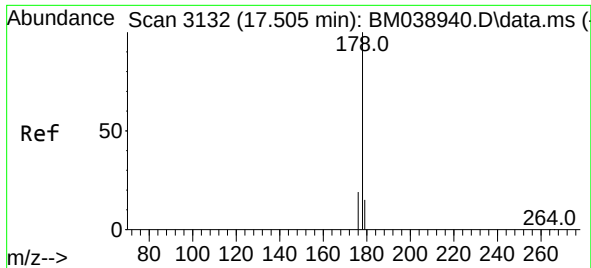
Tgt Ion:166 Resp: 11853
Ion Ratio Lower Upper
166 100
165 97.6 77.8 116.6
167 14.6 11.4 17.2



#14
Pentachlorophenol
Concen: 0.583 ng/ul
RT: 17.020 min Scan# 3017
Delta R.T. -0.000 min
Lab File: BM038946.D
Acq: 09 Mar 2023 15:25

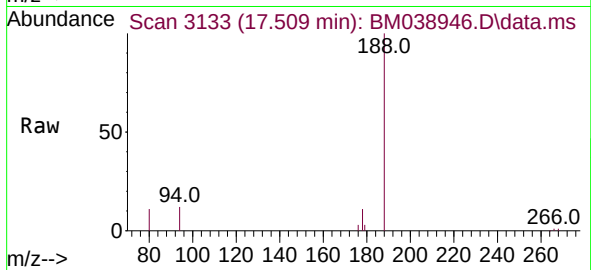
Tgt Ion:266 Resp: 5516
Ion Ratio Lower Upper
266 100
264 62.9 50.2 75.2
268 63.8 50.2 75.4





#16
 Anthracene
 Concen: 0.026 ng/ul
 RT: 17.509 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: BM038946.D
 Acq: 09 Mar 2023 15:25

Instrument :
 BNA_M
 ClientSampleId :
 DCAD2



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#

