

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020124\
 Data File : BM043958.D
 Acq On : 01 Feb 2024 22:28
 Operator : MA/JU
 Sample : P1239-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FC6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2024
 Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Feb 01 23:55:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 22:50:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	9014	0.400	ng/ul	0.00
4) Naphthalene-d8	10.727	136	27055	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.566	164	14995	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	31610m	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	22363m	0.400	ng/ul	0.00
23) Perylene-d12	23.923	264	27417m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.365	96	49110	4.234	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	13658	0.385	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	31850m	0.454	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.776	128	33612	0.433	ng/ul	99
7) 2-Methylnaphthalene	12.388	142	1305	0.028	ng/ul	95
8) 1-Methylnaphthalene	12.608	142	1329	0.029	ng/ul	98
11) Acenaphthene	14.626	153	1526	0.027	ng/ul	96
12) Fluorene	15.616	166	2521	0.041	ng/ul#	91
14) Pentachlorophenol	16.959	266	652	0.087	ng/ul	94
19) Fluoranthene	19.378	202	12398m	0.120	ng/ul	
20) Pyrene	19.745	202	11337	0.107	ng/ul#	89

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

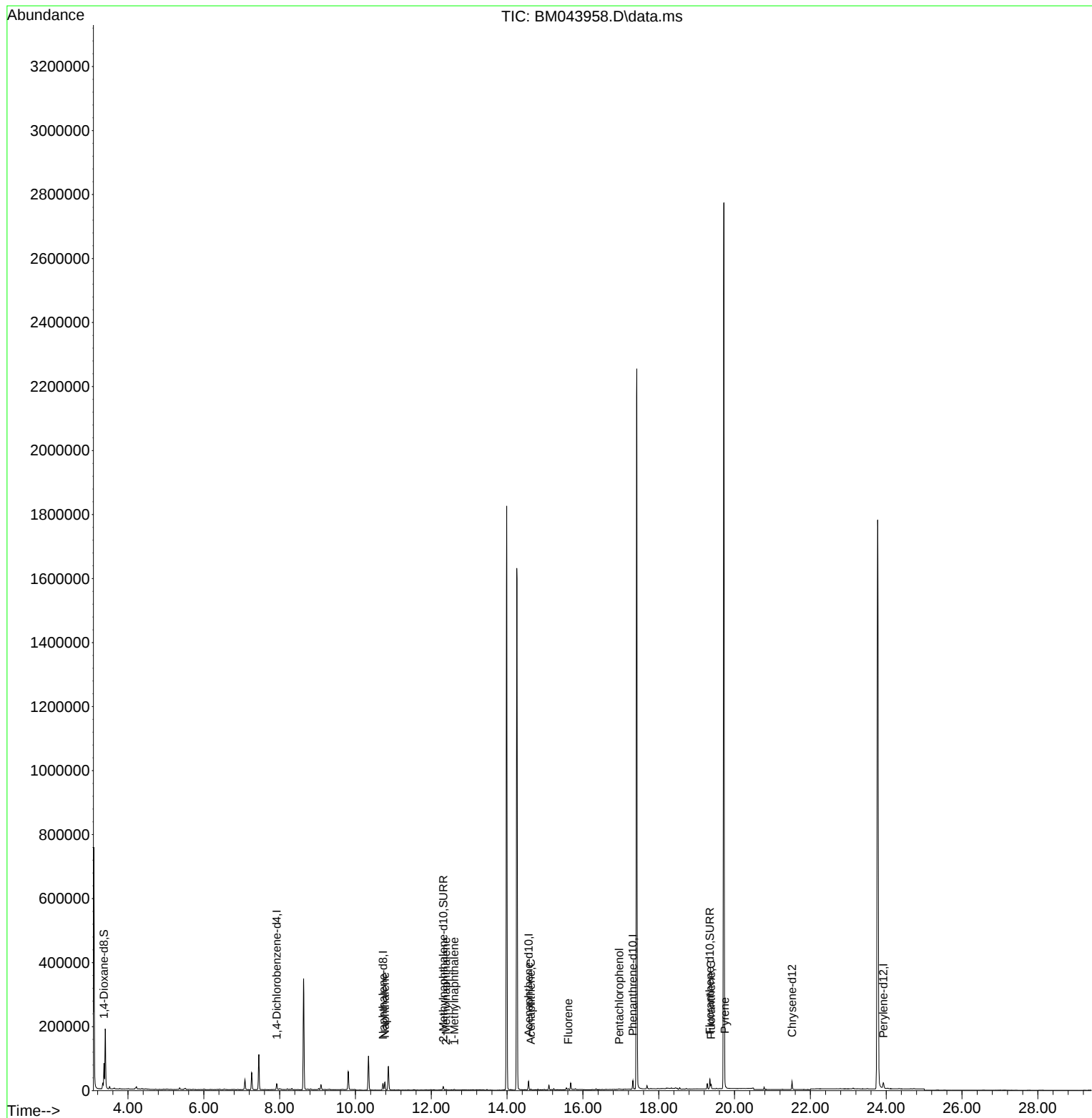
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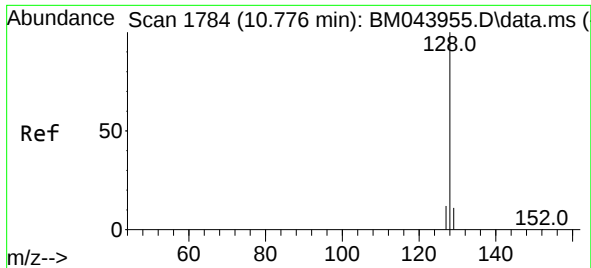
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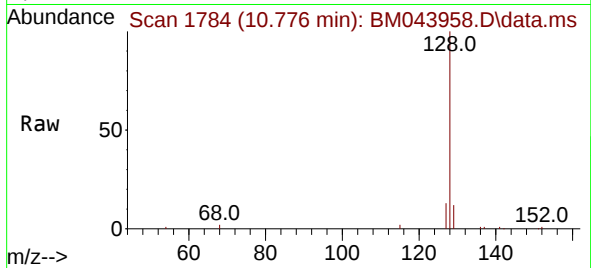
Quant Time: Feb 01 23:55:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 22:50:05 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.433 ng/ul
RT: 10.776 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM043958.D
Acq: 01 Feb 2024 22:28

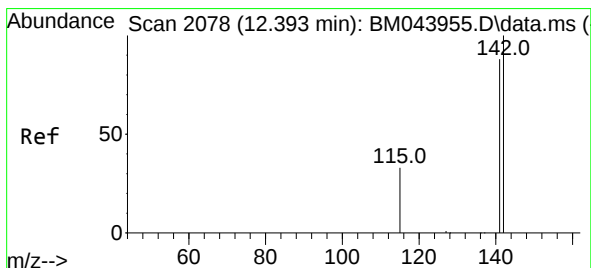
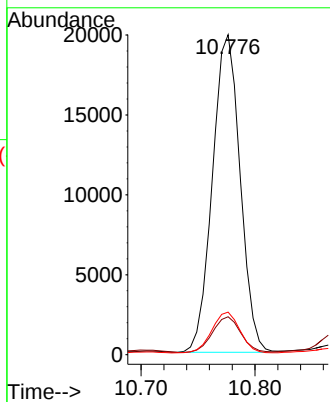
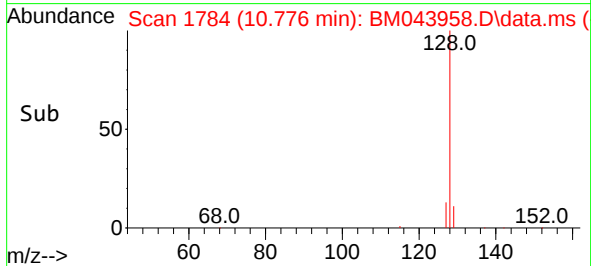
Instrument :
BNA_M
ClientSampleId :
C0FC6



Tgt Ion:128 Resp: 3361
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.3 10.3 15.5

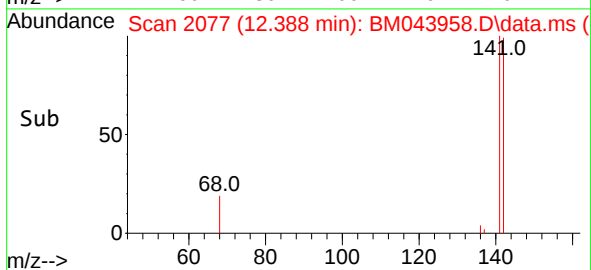
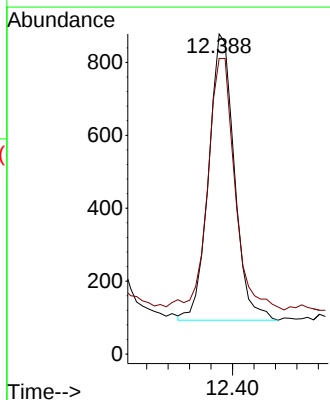
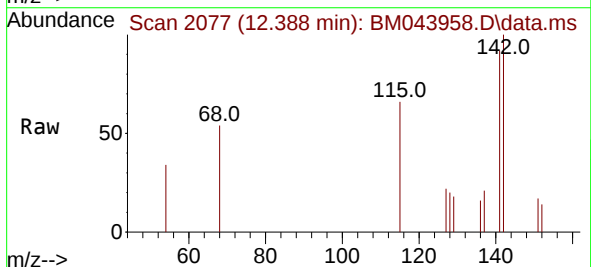
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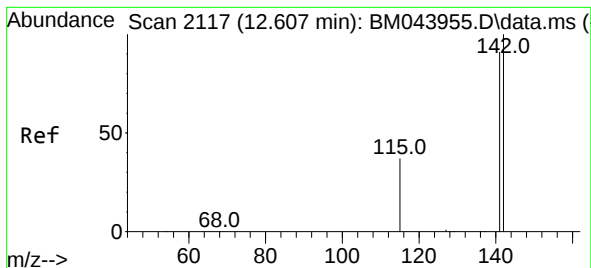
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Supervised By :Sohil Jodhani 02/02/2024



#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.388 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM043958.D
Acq: 01 Feb 2024 22:28

Tgt Ion:142 Resp: 1305
Ion Ratio Lower Upper
142 100
141 92.4 70.2 105.4





#8

1-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 12.608 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BM043958.D

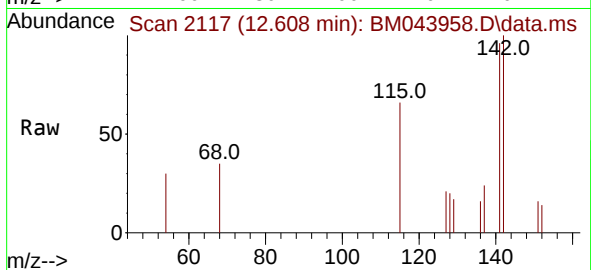
Acq: 01 Feb 2024 22:28

Instrument :

BNA_M

ClientSampleId :

C0FC6



Tgt Ion:142 Resp: 1329

Ion Ratio Lower Upper

142 100

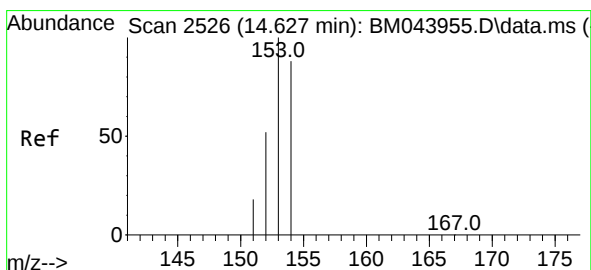
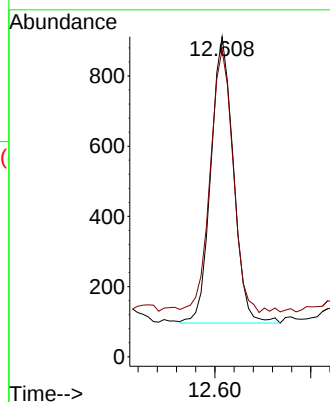
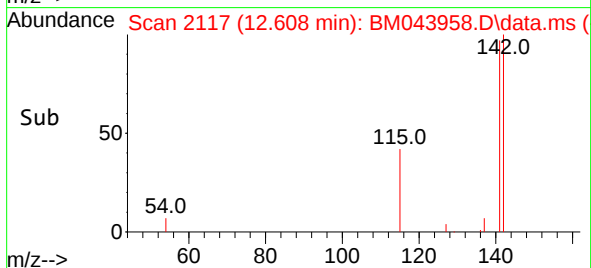
141 93.0 72.9 109.3

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#11

Acenaphthene

Concen: 0.027 ng/ul

RT: 14.626 min Scan# 2526

Delta R.T. 0.000 min

Lab File: BM043958.D

Acq: 01 Feb 2024 22:28

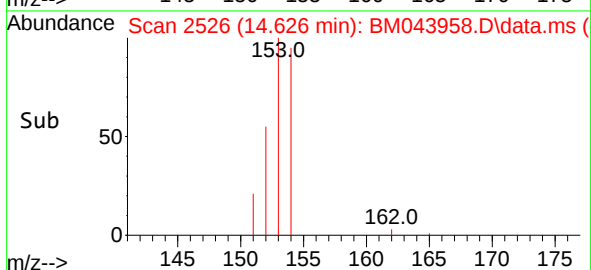
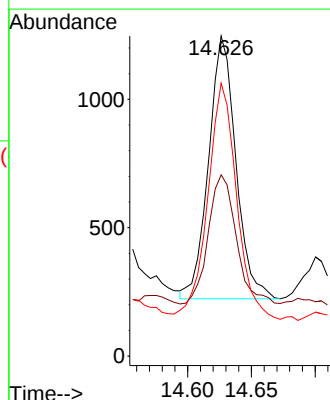
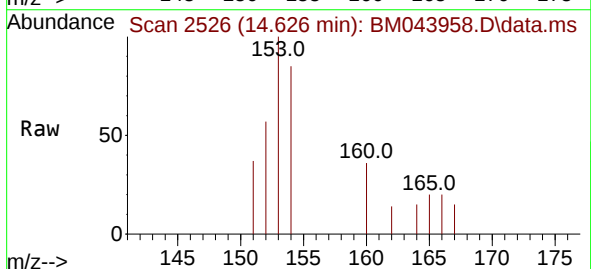
Tgt Ion:153 Resp: 1526

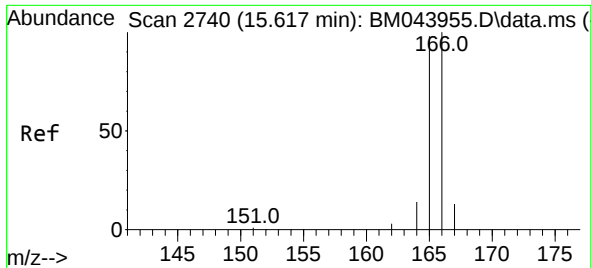
Ion Ratio Lower Upper

153 100

152 56.6 41.8 62.8

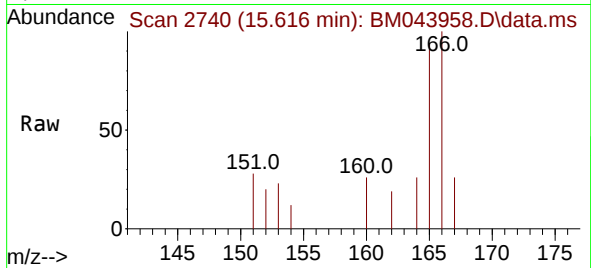
154 85.2 69.8 104.8





#12
Fluorene
Concen: 0.041 ng/ul
RT: 15.616 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM043958.D
Acq: 01 Feb 2024 22:28

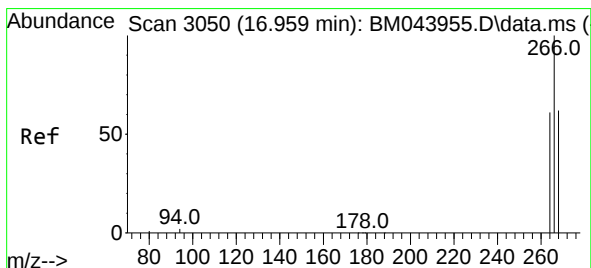
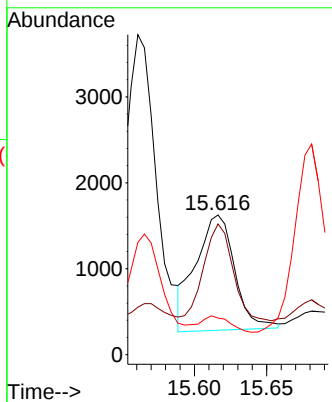
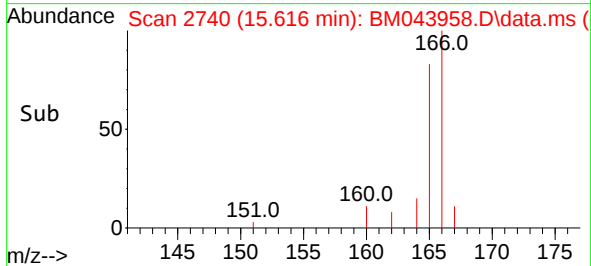
Instrument :
BNA_M
ClientSampleId :
C0FC6



Tgt Ion:166 Resp: 252
Ion Ratio Lower Upper
166 100
165 93.5 79.5 119.3
167 26.2 10.9 16.3

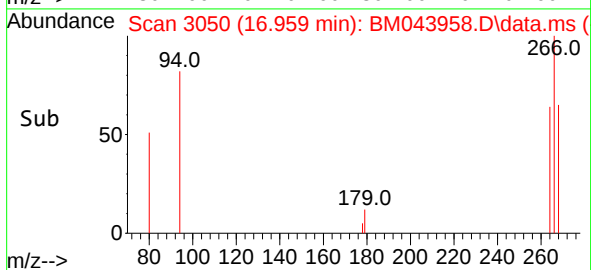
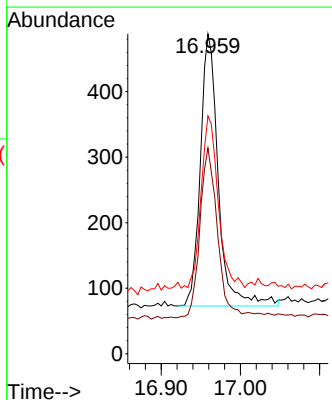
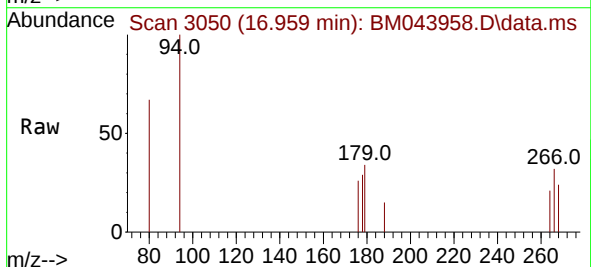
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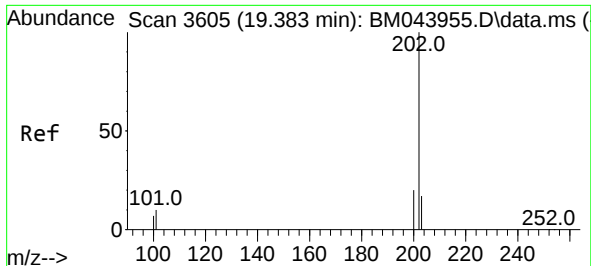
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#14
Pentachlorophenol
Concen: 0.087 ng/ul
RT: 16.959 min Scan# 3050
Delta R.T. 0.000 min
Lab File: BM043958.D
Acq: 01 Feb 2024 22:28

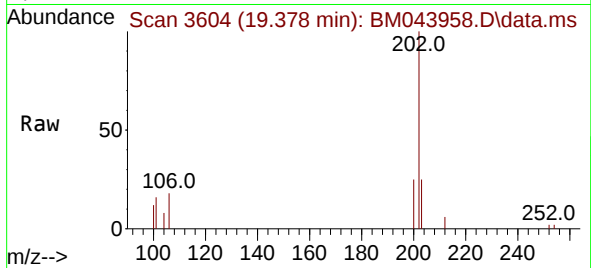
Tgt Ion:266 Resp: 652
Ion Ratio Lower Upper
266 100
264 63.5 51.3 76.9
268 60.3 54.7 82.1





#19
Fluoranthene
Concen: 0.120 ng/ul m
RT: 19.378 min Scan# 3604
Delta R.T. -0.004 min
Lab File: BM043958.D
Acq: 01 Feb 2024 22:28

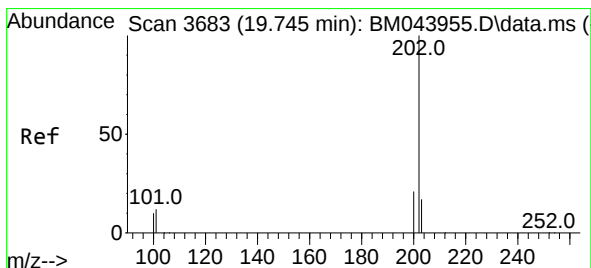
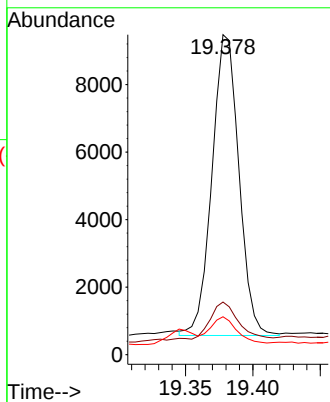
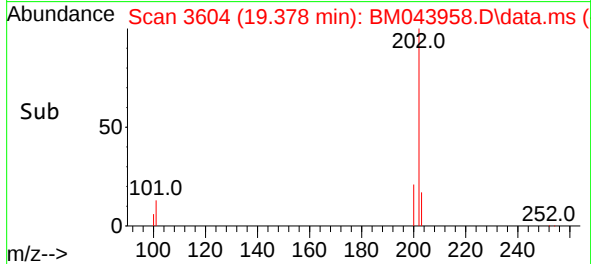
Instrument :
BNA_M
ClientSampleId :
C0FC6



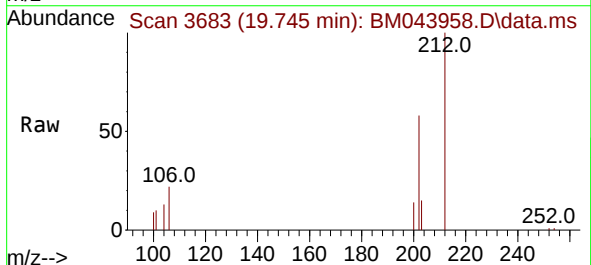
Tgt Ion:202 Resp: 12398
Ion Ratio Lower Upper
202 100
101 16.5 8.6 13.0#
100 11.8 6.4 9.6#

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#20
Pyrene
Concen: 0.107 ng/ul
RT: 19.745 min Scan# 3683
Delta R.T. 0.000 min
Lab File: BM043958.D
Acq: 01 Feb 2024 22:28



Tgt Ion:202 Resp: 11337
Ion Ratio Lower Upper
202 100
101 17.1 10.3 15.5#
100 14.7 8.1 12.1#

