

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
 Data File : BM025048.D
 Acq On : 25 Feb 2020 17:39
 Operator : CG/JU
 Sample : L1486-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBCW4

Manual Integrations
 APPROVED

mohammad
 2/26/2020 6:48:52 AM

Quant Time: Feb 25 18:12:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 25 11:03:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	3050	0.40	ng/ul	0.00
2) Naphthalene-d8	10.47	136	12813	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.32	164	8873	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	20136m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	20482	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	23218	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	5531	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	16185	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.52	128	263784	6.763	ng/ul#	82
5) 2-Methylnaphthalene	12.14	142	16041	0.570	ng/ul	100
7) Acenaphthylene	14.04	152	5239	0.102	ng/ul	97
8) Acenaphthene	14.39	153	33074	0.962	ng/ul	97
9) Fluorene	15.37	166	1627	0.038	ng/ul#	79
12) Phenanthrene	17.11	178	8887	0.125	ng/ul	98

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

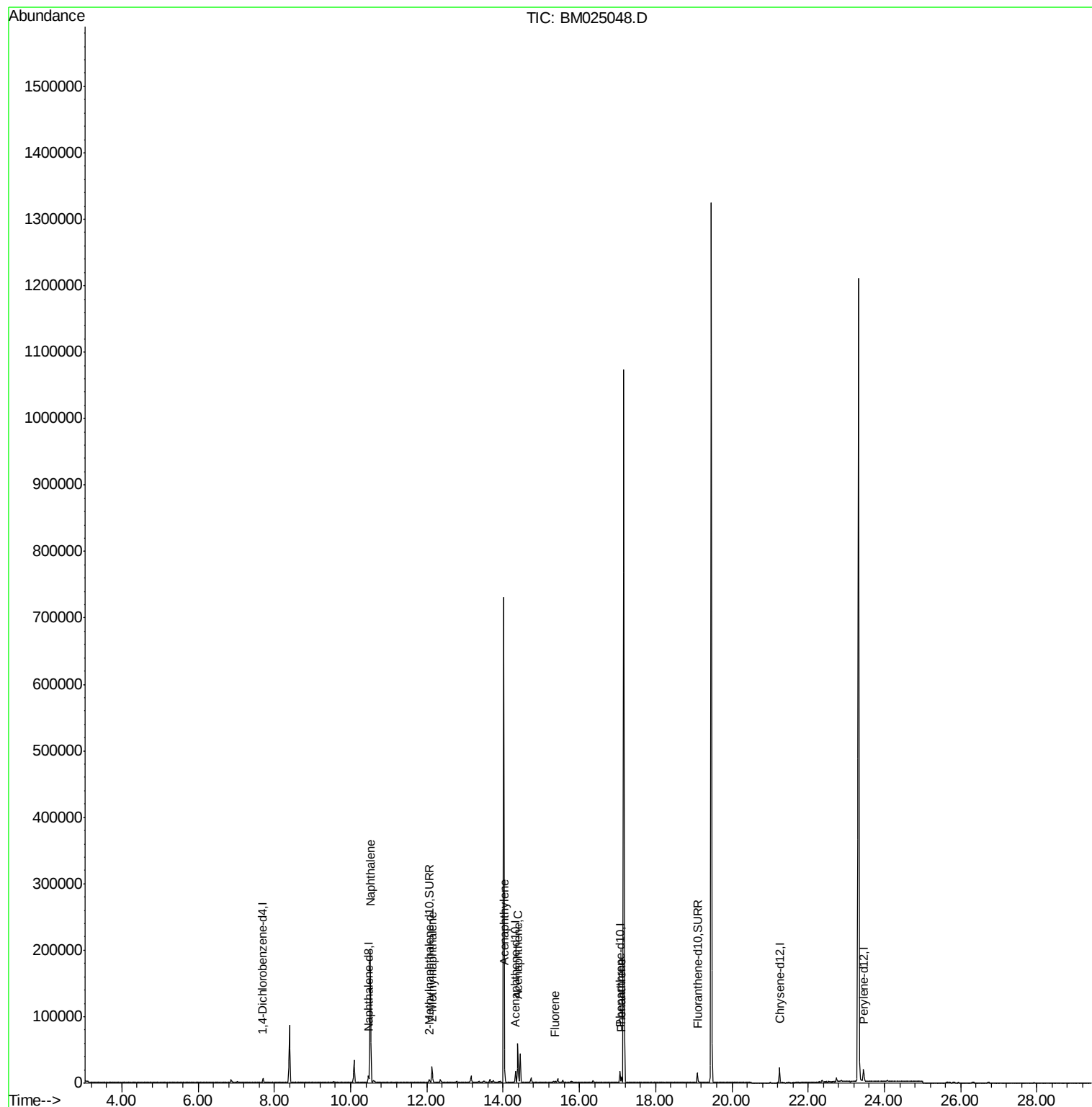
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
Data File : BM025048.D
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ALS Vial : 13 Sample Multiplier: 1

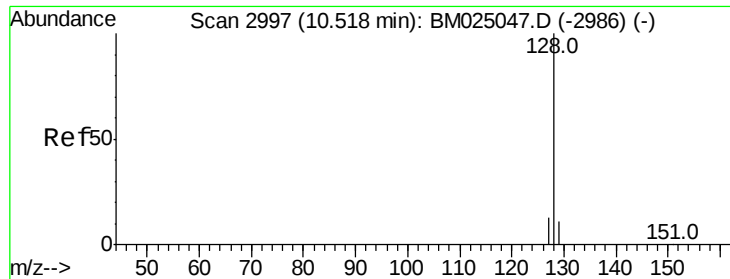
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Response via : Initial Calibration





#3

Naphthalene

Concen: 6.763 ng/ul

RT: 10.52 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BM025048.D

Acq: 25 Feb 2020 17:39

Instrument :

BNA_M

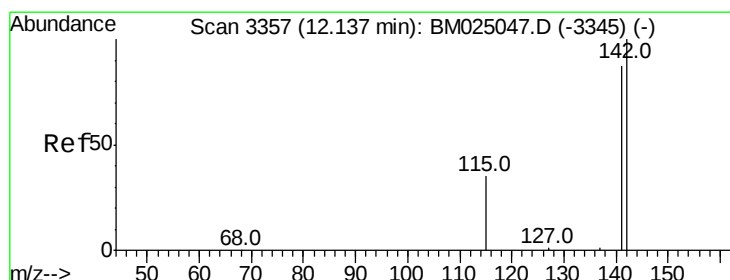
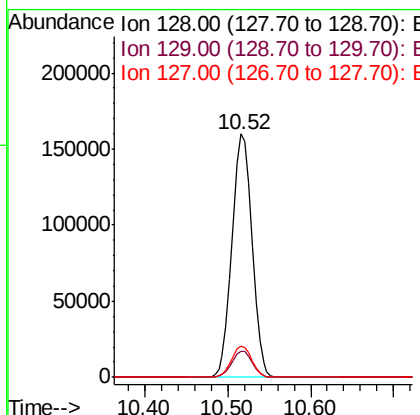
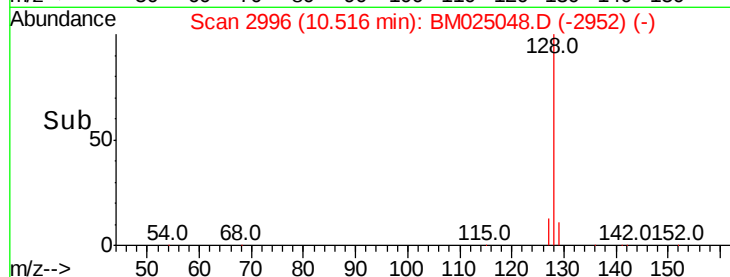
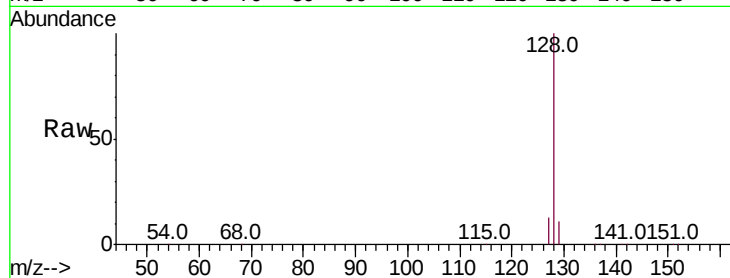
ClientSampleId :

DBCW4

Tot Ion:	128	Resp:	263784
Ion Ratio	Lower	Upper	
128	100		
129	10.9	17.0	25.6#
127	13.0	15.7	23.5#

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#5

2-Methylnaphthalene

Concen: 0.570 ng/ul

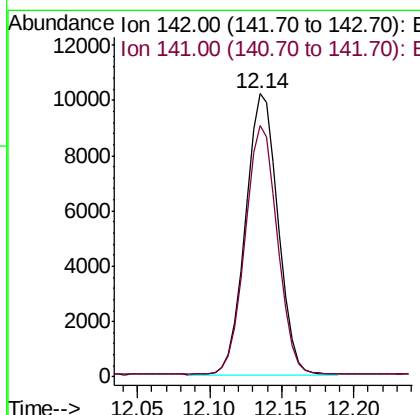
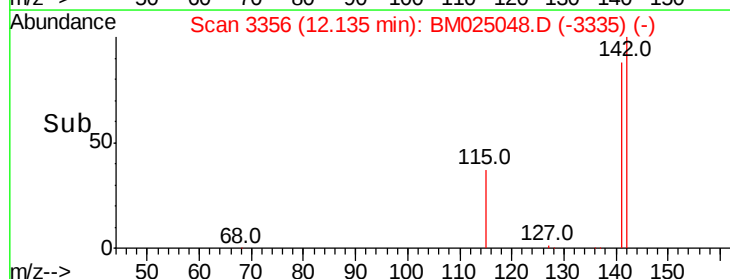
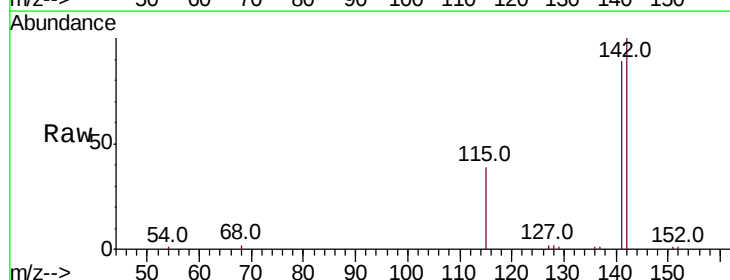
RT: 12.14 min Scan# 3356

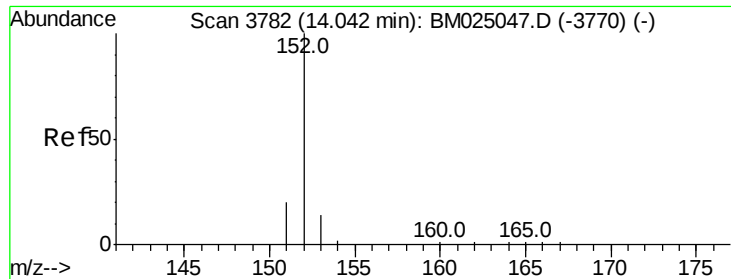
Delta R.T. -0.01 min

Lab File: BM025048.D

Acq: 25 Feb 2020 17:39

Tgt Ion:	142	Resp:	16041
Ion Ratio	Lower	Upper	
142	100		
141	87.7	69.8	104.8





#7

Acenaphthylene

Concen: 0.102 ng/ul

RT: 14.04 min Scan# 3781

Delta R.T. -0.01 min

Lab File: BM025048.D

Acq: 25 Feb 2020 17:39

Instrument :

BNA_M

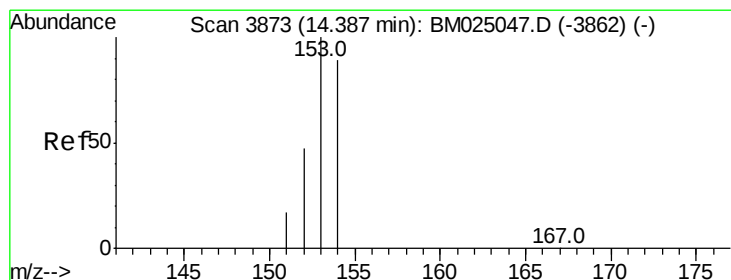
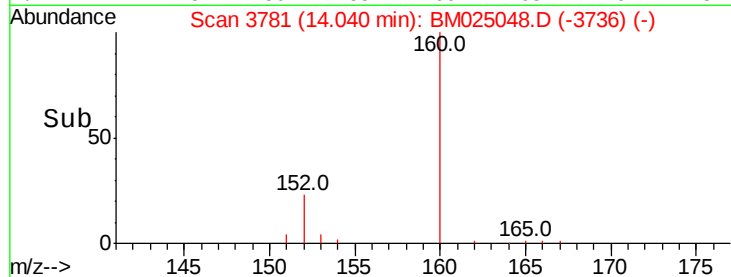
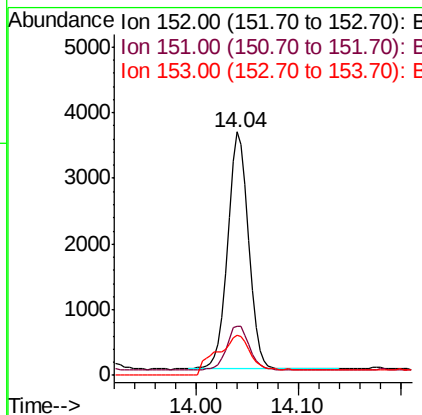
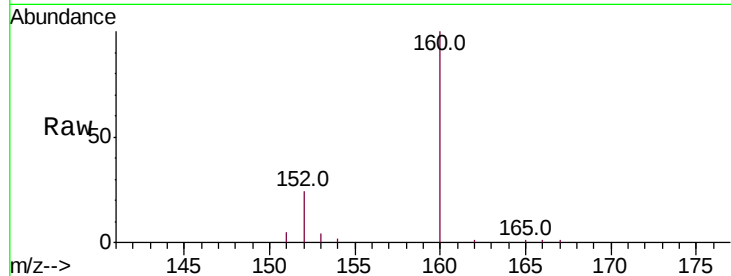
ClientSampleId :

DBCW4

Tot Ion:	152	Resp:	5239
Ion Ratio	Lower	Upper	
152	100		
151	20.0	17.8	26.8
153	16.6	13.3	19.9

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#8

Acenaphthene

Concen: 0.962 ng/ul

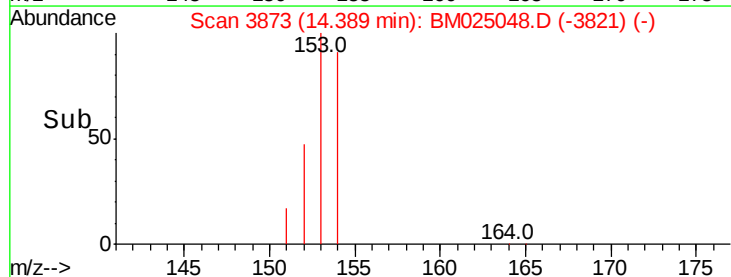
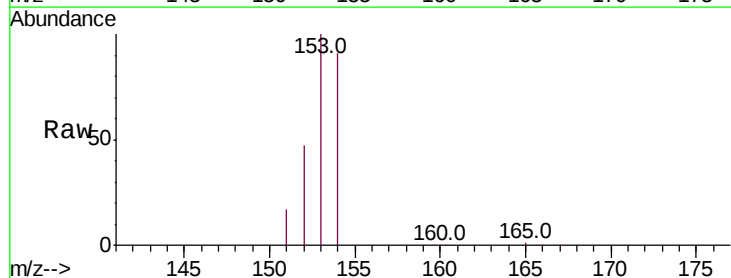
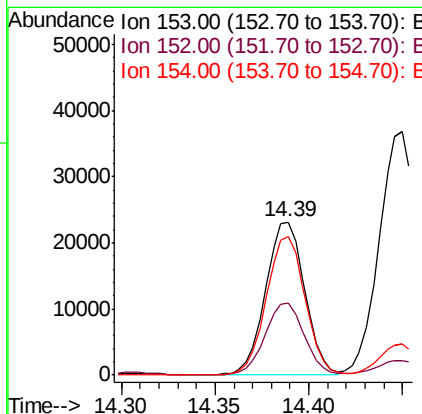
RT: 14.39 min Scan# 3873

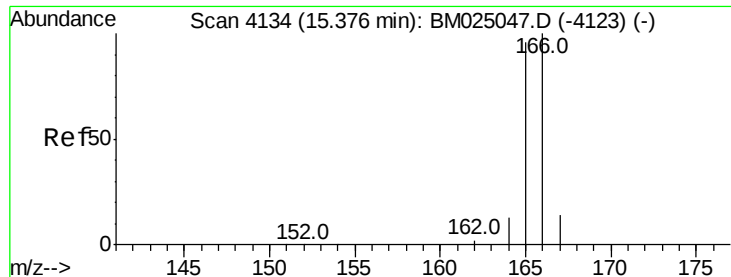
Delta R.T. -0.00 min

Lab File: BM025048.D

Acq: 25 Feb 2020 17:39

Tgt Ion:	153	Resp:	33074
Ion Ratio	Lower	Upper	
153	100		
152	46.9	40.0	60.0
154	90.6	71.0	106.6





#9

Fluorene

Concen: 0.038 ng/ul

RT: 15.37 min Scan# 4133

Delta R.T. -0.01 min

Lab File: BM025048.D

Acq: 25 Feb 2020 17:39

Instrument :

BNA_M

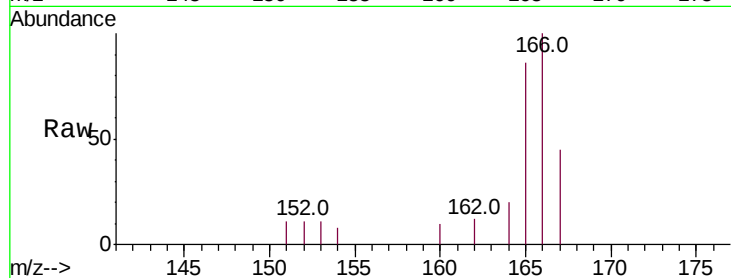
ClientSampled :

DBCW4

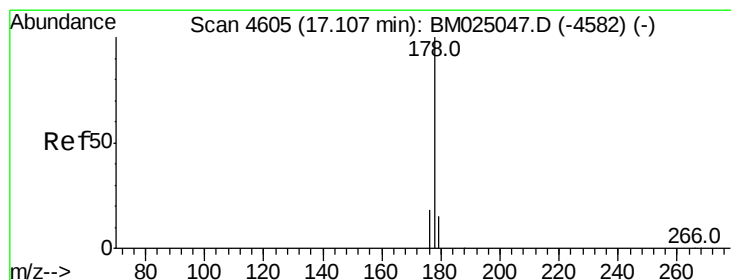
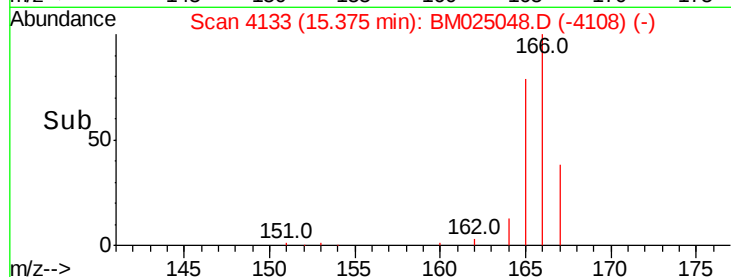
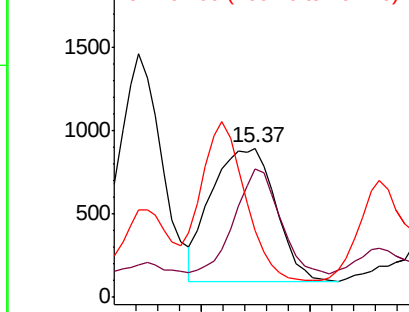
Tot Ion:	166	Resp:	1627
Ion Ratio	Lower	Upper	
166	100		
165	86.2	80.0	120.0
167	45.3	13.7	20.5#

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 0.125 ng/ul

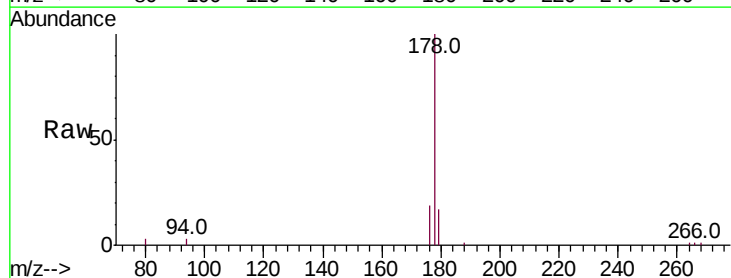
RT: 17.11 min Scan# 4605

Delta R.T. -0.00 min

Lab File: BM025048.D

Acq: 25 Feb 2020 17:39

Tgt Ion:	178	Resp:	8887
Ion Ratio	Lower	Upper	
178	100		
179	17.5	14.0	21.0
176	19.4	16.6	24.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

