

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021621\
 Data File : BM028748.D
 Acq On : 16 Feb 2021 14:42
 Operator : CG/JU
 Sample : M1349-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGQ5

Manual Integrations
 APPROVED

mohammad
 2/17/2021 1:47:43 PM

Quant Time: Feb 16 15:15:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 16 10:21:34 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	424	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	1822	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1419	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	2460m	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	1997	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	1898	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1144	0.44	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	2034	0.32	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	78522	17.310	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	4090	1.347	ng/ul	100
7) Acenaphthylene	14.27	152	635	0.110	ng/ul#	47
8) Acenaphthene	14.61	153	308	0.067	ng/ul#	75
9) Fluorene	15.59	166	392	0.077	ng/ul#	86
12) Phenanthrene	17.32	178	539	0.078	ng/ul#	36

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

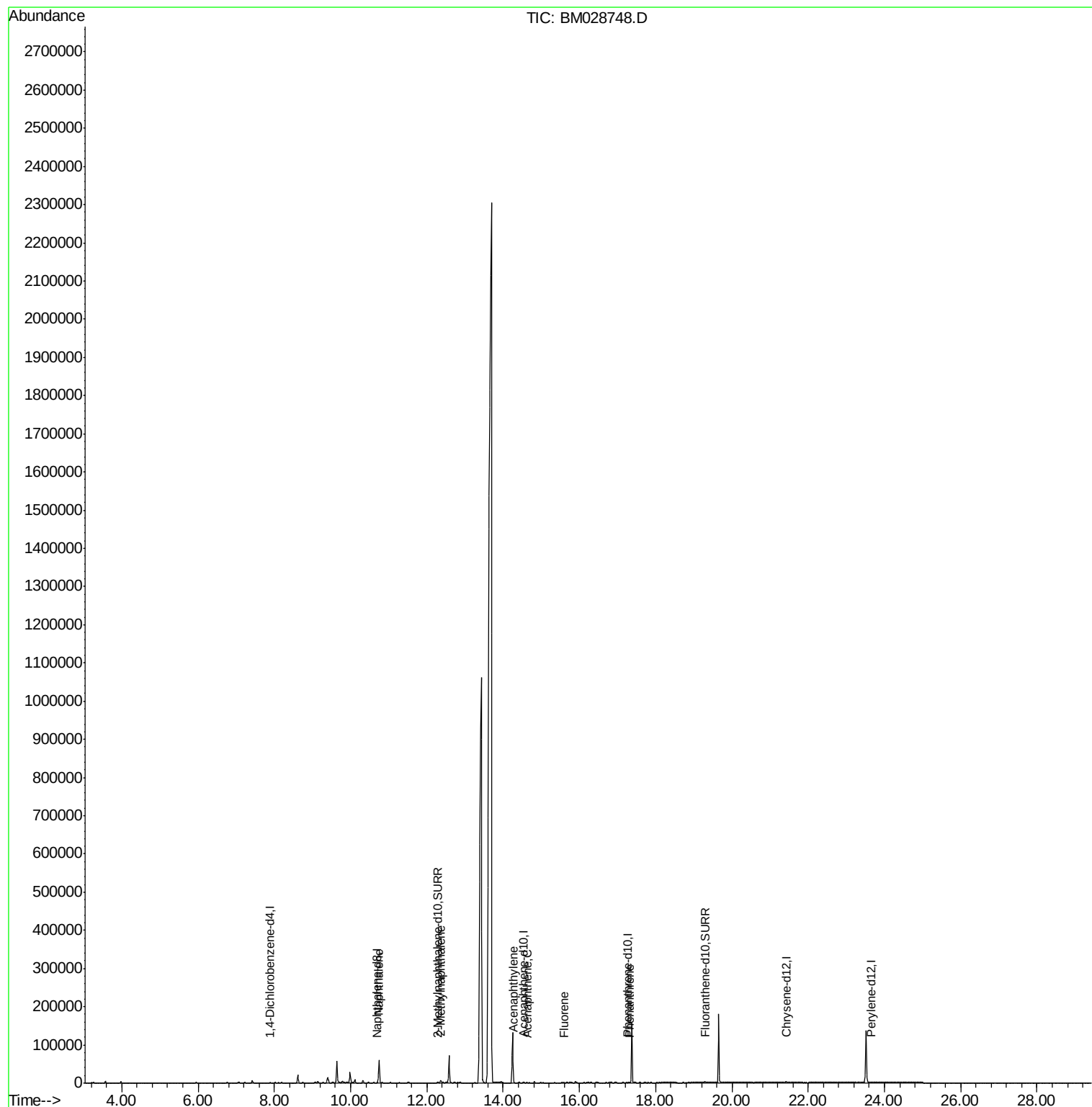
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021621\
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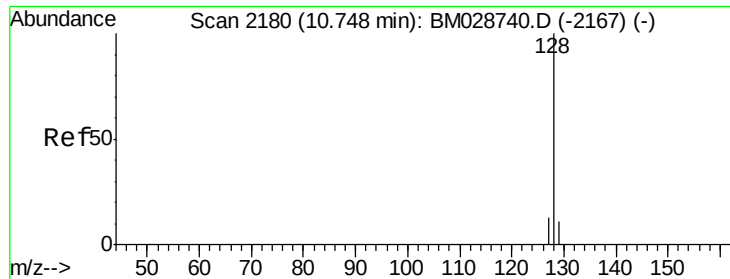
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#3

Naphthalene

Concen: 17.310 ng/ul

RT: 10.74 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BM028748.D

Acq: 16 Feb 2021 14:42

Instrument :

BNA_M

ClientSampleId :

DBGQ5

Tot Ion:128 Resp: 78522

Ion Ratio Lower Upper

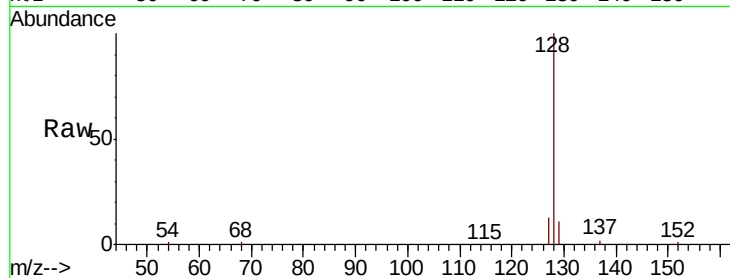
128 100

129 11.1 11.4 17.2#

127 13.0 13.0 19.6#

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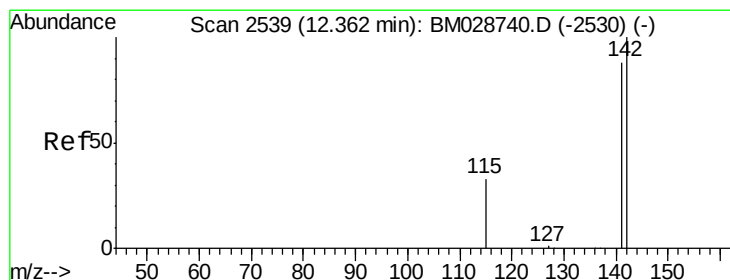
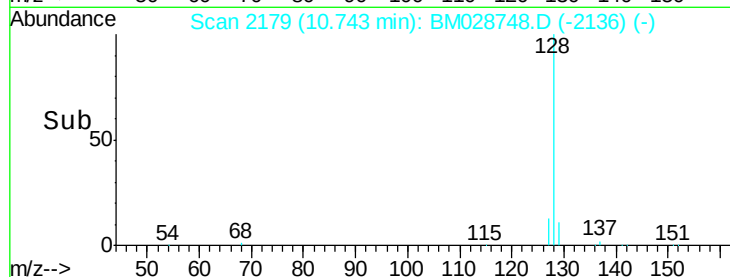
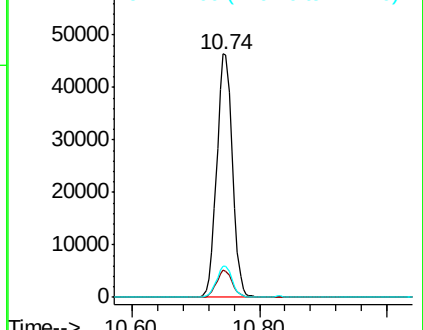
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.347 ng/ul

RT: 12.36 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BM028748.D

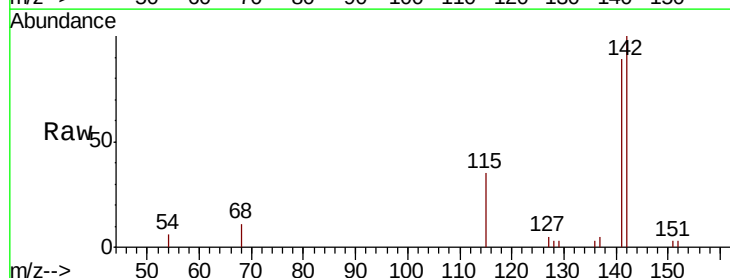
Acq: 16 Feb 2021 14:42

Tgt Ion:142 Resp: 4090

Ion Ratio Lower Upper

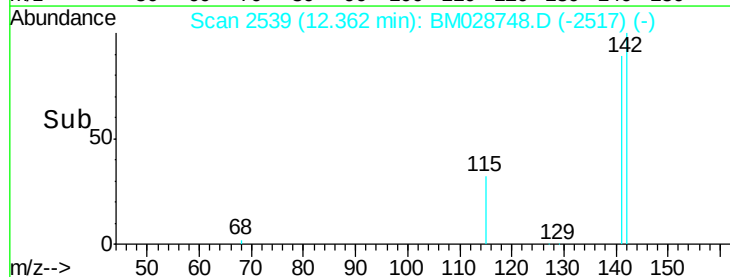
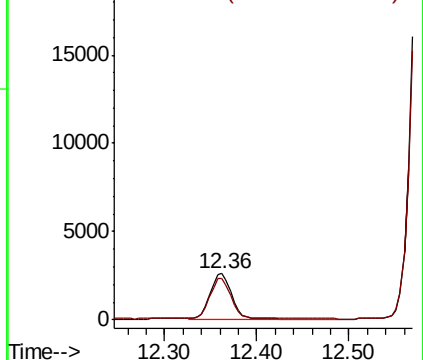
142 100

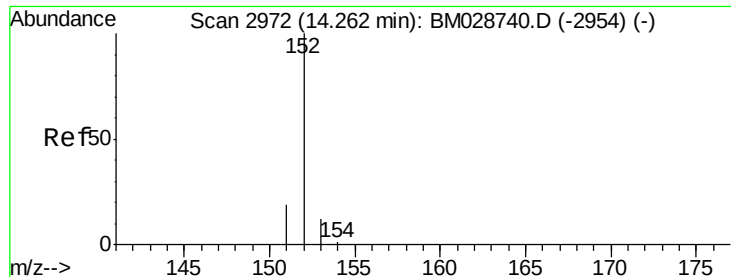
141 89.8 72.2 108.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.110 ng/ul

RT: 14.27 min Scan# 2975

Delta R.T. 0.01 min

Lab File: BM028748.D

Acq: 16 Feb 2021 14:42

Instrument :

BNA_M

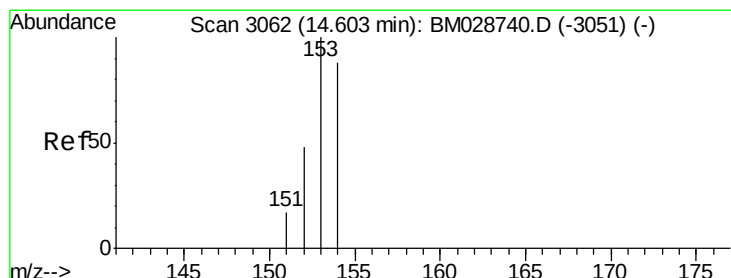
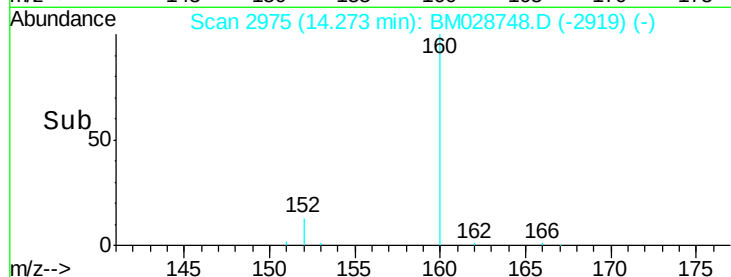
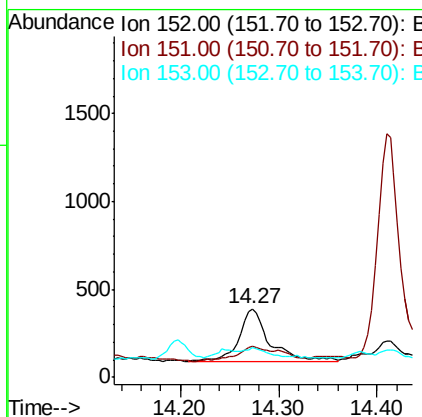
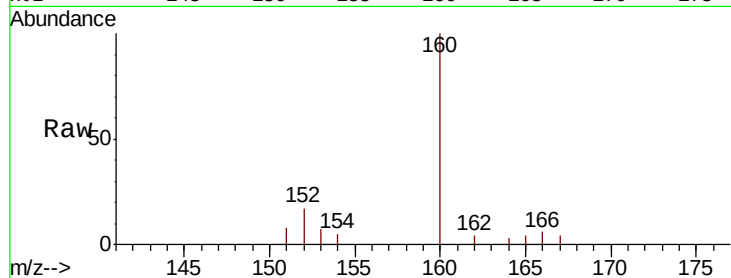
ClientSampleId :

DBGQ5

Tot Ion:	152	Resp:	635
Ion Ratio	Lower	Upper	
152	100		
151	44.8	18.0	27.0#
153	43.0	13.4	20.0#

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#8

Acenaphthene

Concen: 0.067 ng/ul

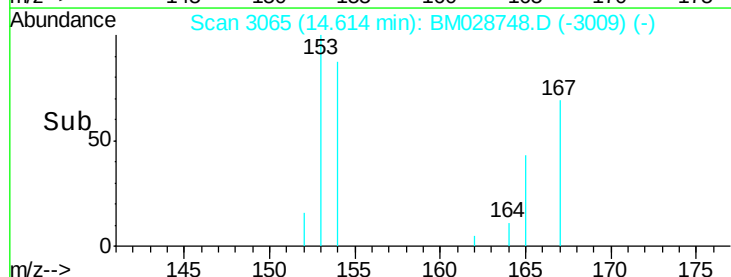
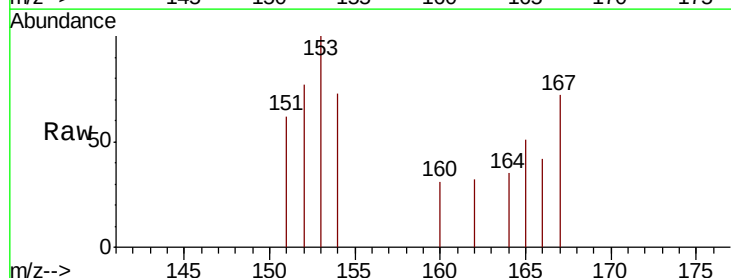
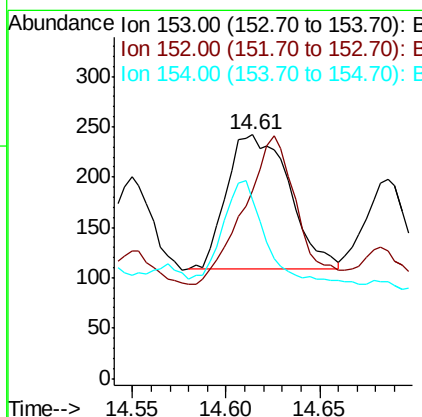
RT: 14.61 min Scan# 3065

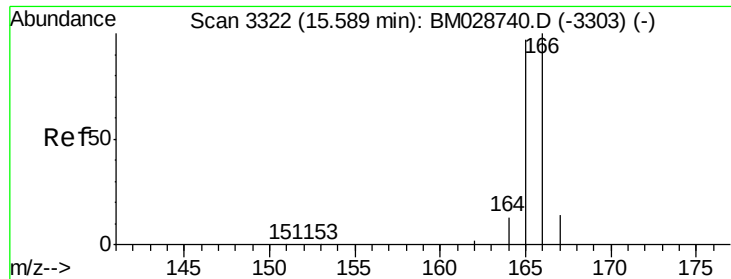
Delta R.T. 0.01 min

Lab File: BM028748.D

Acq: 16 Feb 2021 14:42

Tgt Ion:	153	Resp:	308
Ion Ratio	Lower	Upper	
153	100		
152	76.9	39.6	59.4#
154	73.1	70.3	105.5





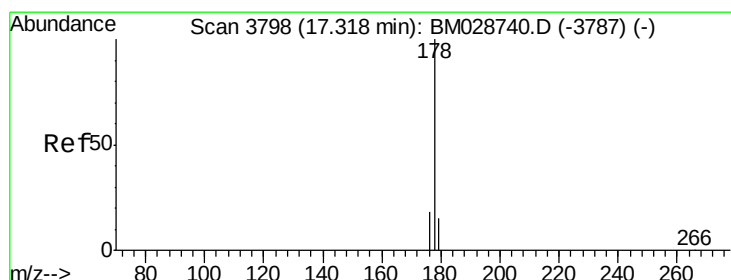
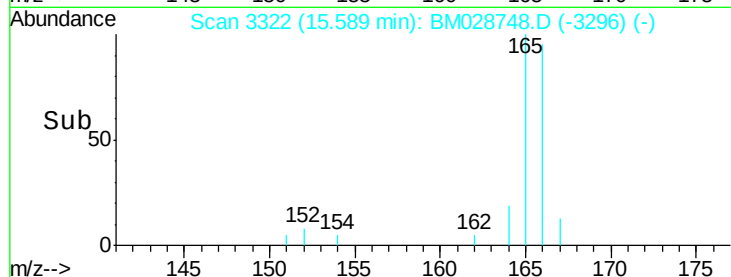
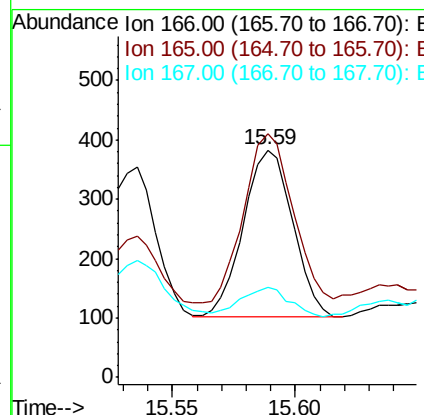
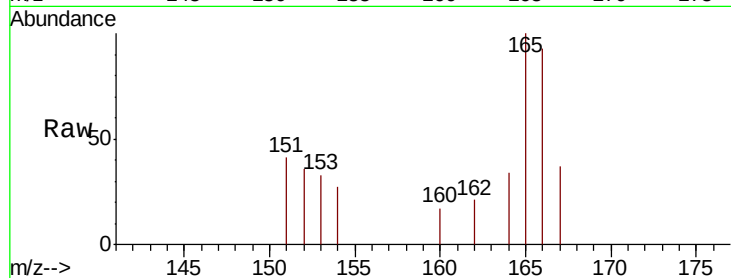
#9
Fluorene
 Concen: 0.077 ng/ul
 RT: 15.59 min Scan# 3322
 Delta R.T. -0.00 min
 Lab File: BM028748.D
 Acq: 16 Feb 2021 14:42

Instrument :
 BNA_M
 ClientSampleId :
 DBGQ5

Tot Ion	Ratio	Lower	Upper
166	100		
165	107.0	79.6	119.4
167	39.7	13.9	20.9

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#12
Phenanthrene
 Concen: 0.078 ng/ul
 RT: 17.32 min Scan# 3798
 Delta R.T. -0.00 min
 Lab File: BM028748.D
 Acq: 16 Feb 2021 14:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	54.7	14.7	22.1
176	43.7	16.7	25.1

