

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061319\
 Data File : BN006312.D
 Acq On : 13 Jun 2019 15:54
 Operator : JU/SJ
 Sample : K3215-08DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8J2DL

Quant Time: Jun 13 17:11:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

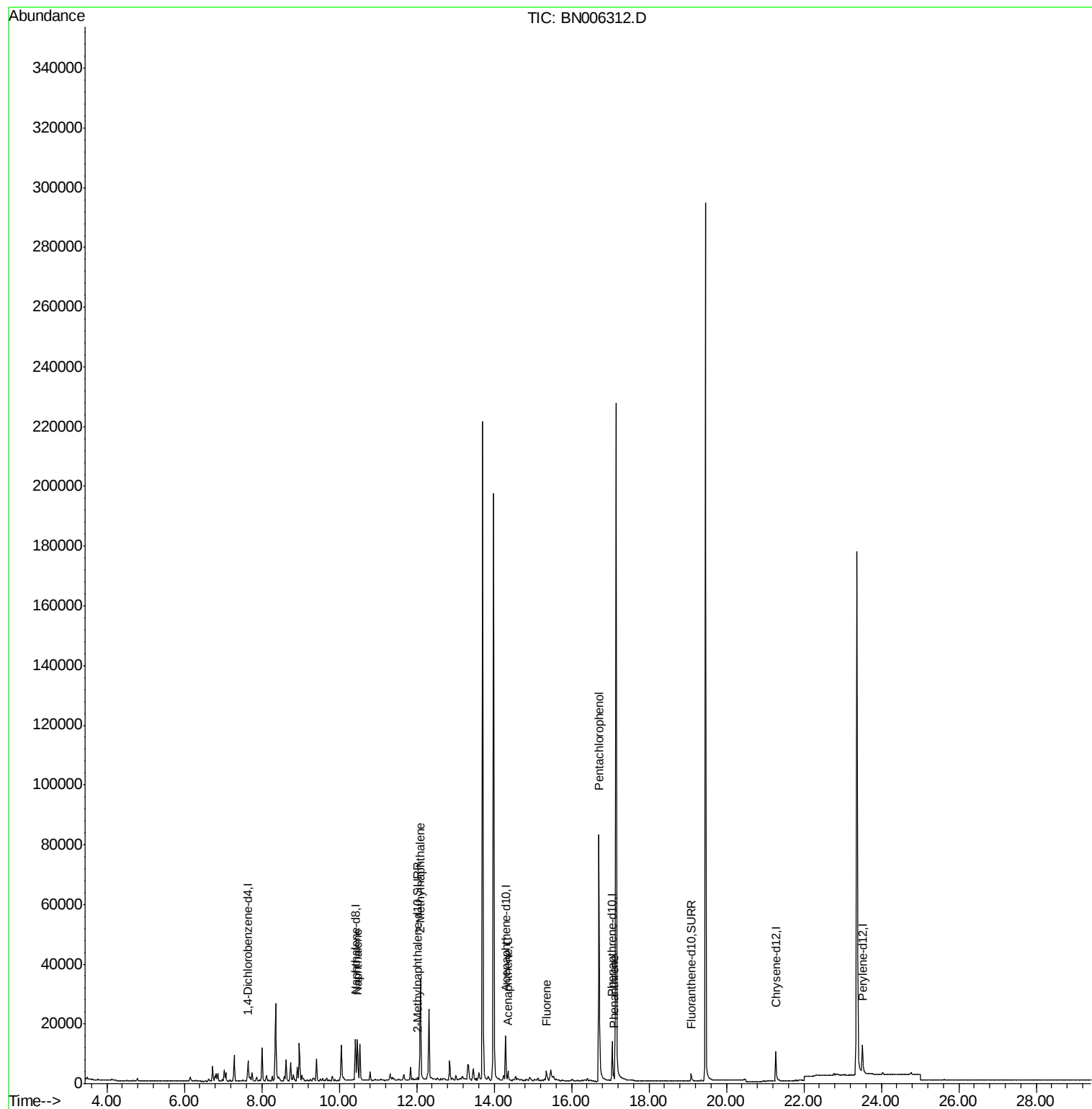
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4156	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15991	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8146	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15487	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	10891	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	15594	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1556	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	2889	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	17917	0.406	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	25951	0.844	ng/ul	100
8) Acenaphthene	14.36	153	1750	0.056	ng/ul#	81
9) Fluorene	15.35	166	2110	0.057	ng/ul#	88
11) Pentachlorophenol	16.71	266	60510	15.376	ng/ul	100
12) Phenanthrene	17.09	178	2642	0.053	ng/ul#	89

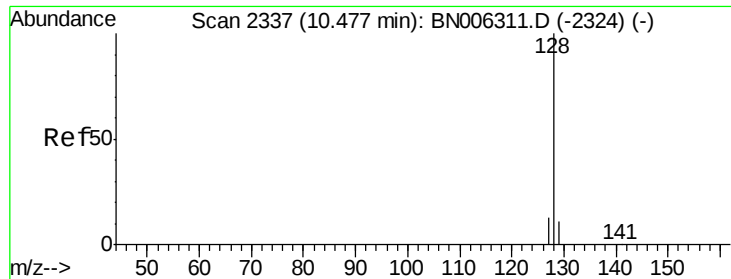
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.406 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006312.D

Acq: 13 Jun 2019 15:54

Instrument :

BNA_N

ClientSampleId :

DB8J2DL

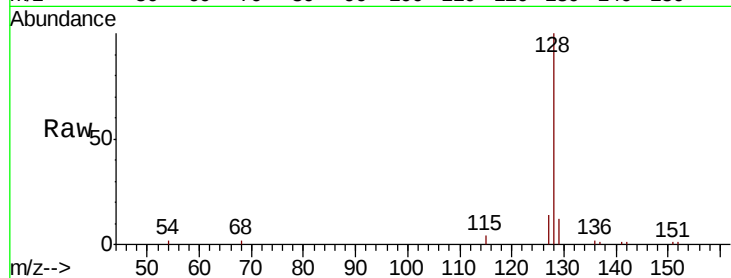
Tot Ion:128 Resp: 17917

Ion Ratio Lower Upper

128 100

129 12.5 9.3 13.9

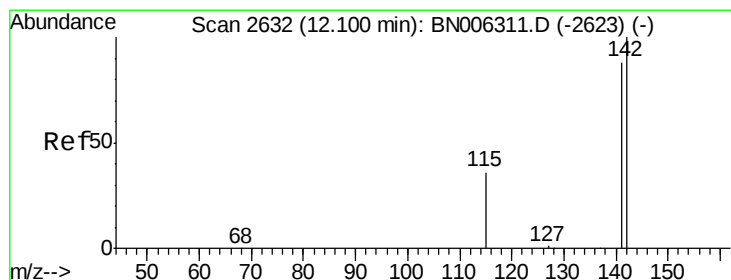
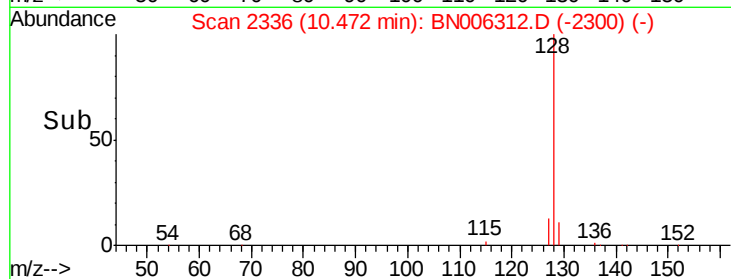
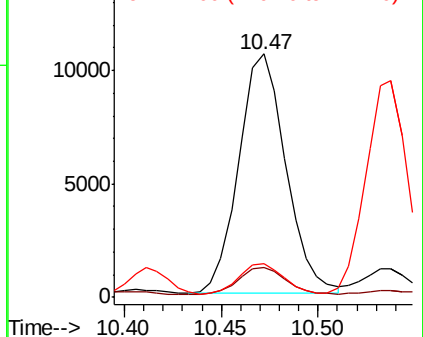
127 13.8 10.7 16.1



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: 0.844 ng/ul

RT: 12.09 min Scan# 2631

Delta R.T. -0.00 min

Lab File: BN006312.D

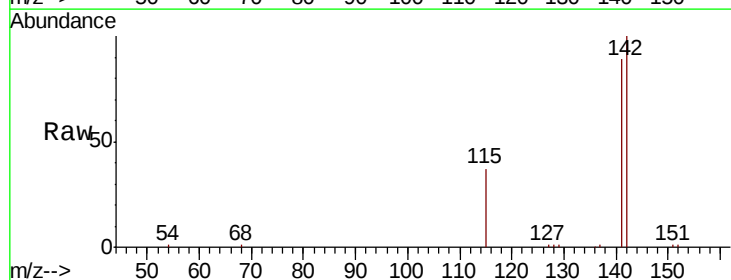
Acq: 13 Jun 2019 15:54

Tgt Ion:142 Resp: 25951

Ion Ratio Lower Upper

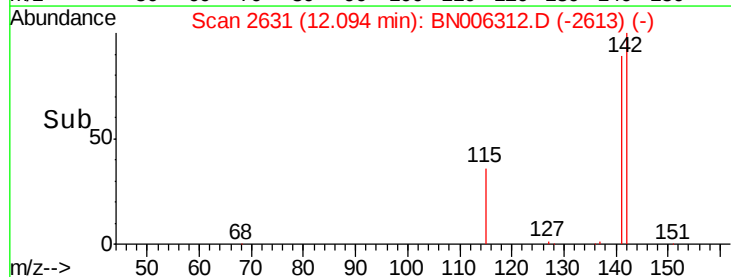
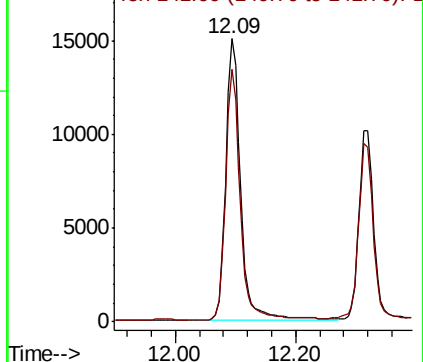
142 100

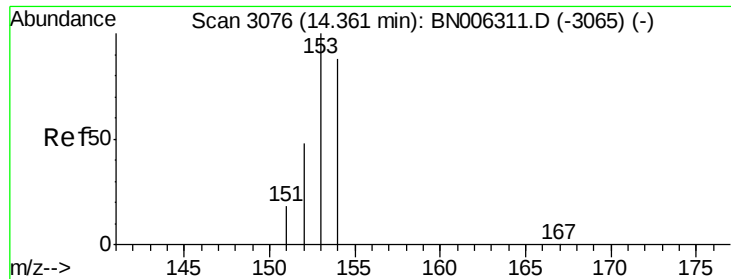
141 88.1 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.056 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006312.D

Acq: 13 Jun 2019 15:54

Instrument :

BNA_N

ClientSampleId :

DB8J2DL

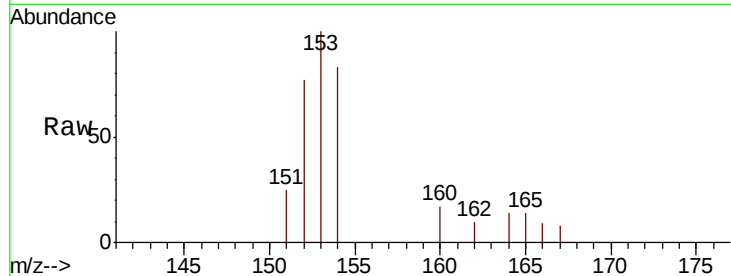
Tot Ion:153 Resp: 1750

Ion Ratio Lower Upper

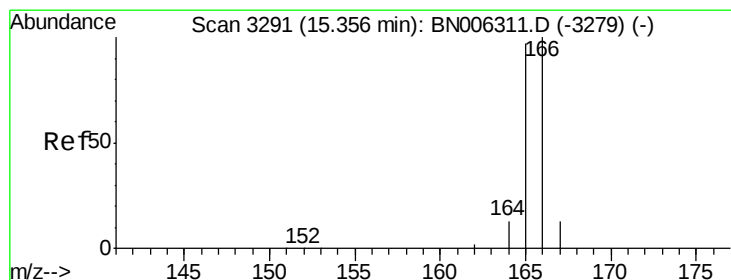
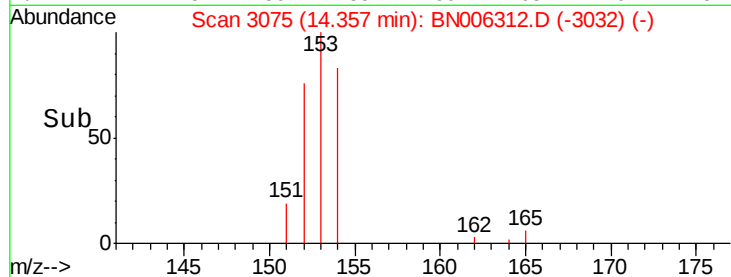
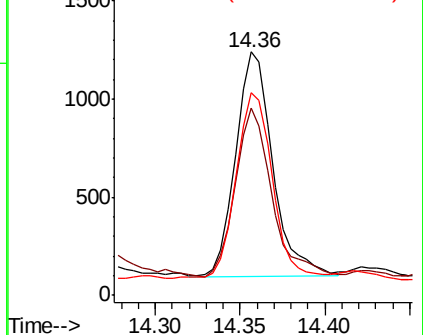
153 100

152 76.9 39.1 58.7#

154 83.0 71.1 106.7



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.057 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006312.D

Acq: 13 Jun 2019 15:54

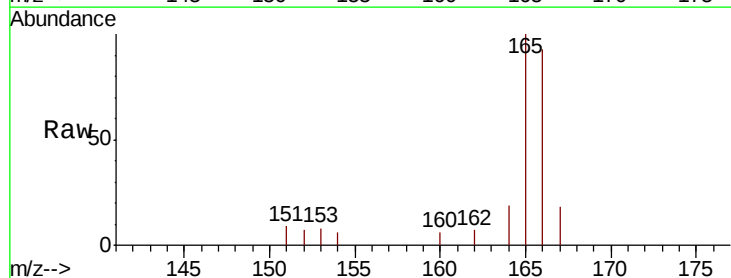
Tgt Ion:166 Resp: 2110

Ion Ratio Lower Upper

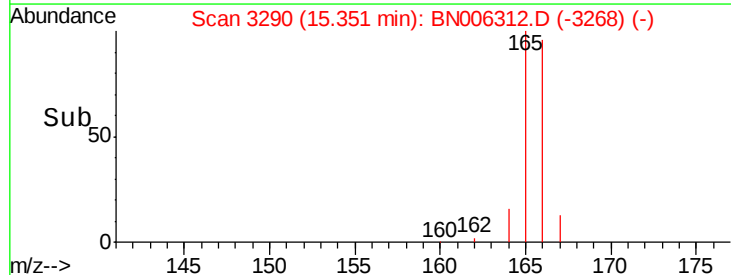
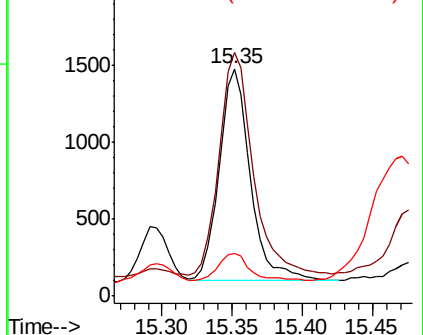
166 100

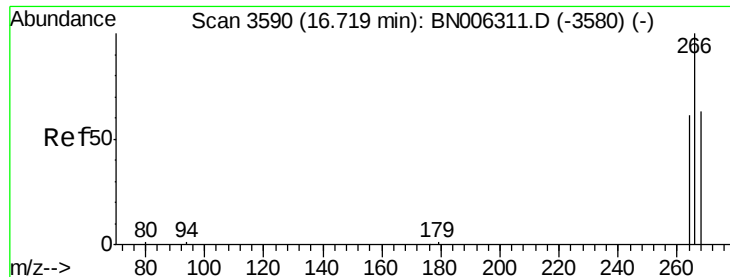
165 107.2 76.4 114.6

167 18.9 11.0 16.6#



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

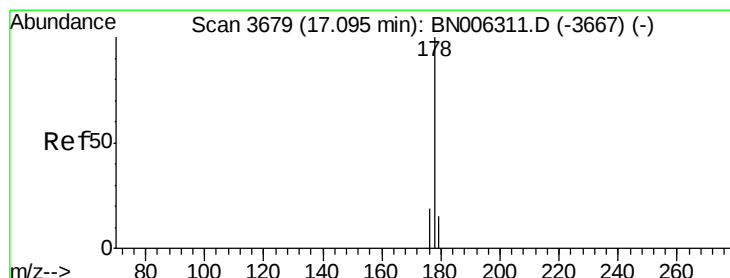
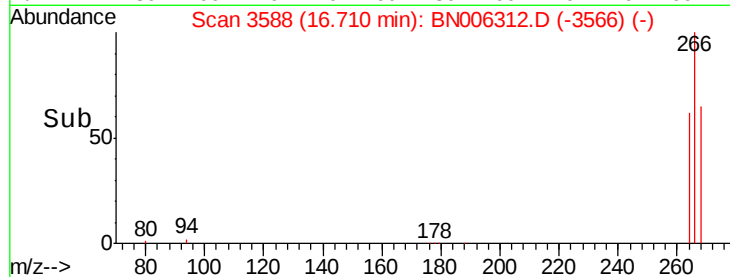
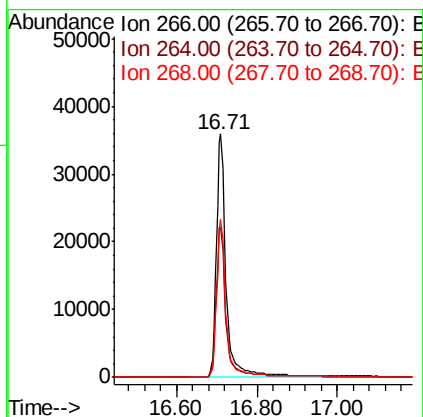
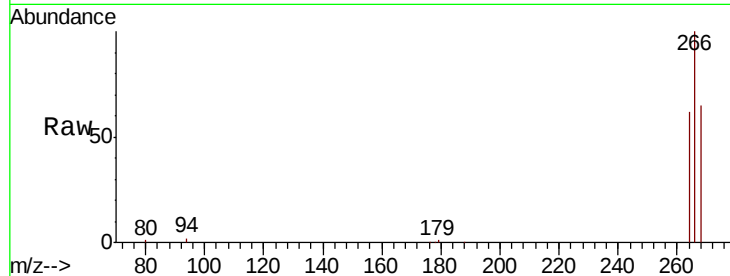




#11
 Pentachlorophenol
 Concen: 15.376 ng/ul
 RT: 16.71 min Scan# 3588
 Delta R.T. -0.01 min
 Lab File: BN006312.D
 Acq: 13 Jun 2019 15:54

Instrument :
 BNA_N
 ClientSampleId :
 DB8J2DL

Tot Ion:266 Resp: 60510
 Ion Ratio Lower Upper
 266 100
 264 62.6 50.3 75.5
 268 63.9 51.3 76.9



#12
 Phenanthrene
 Concen: 0.053 ng/ul
 RT: 17.09 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BN006312.D
 Acq: 13 Jun 2019 15:54

Tgt Ion:178 Resp: 2642
 Ion Ratio Lower Upper
 178 100
 179 20.4 12.3 18.5#
 176 24.0 15.3 22.9#

