

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042018\
 Data File : BN000800.D
 Acq On : 20 Apr 2018 17:53
 Operator : JU/SJ
 Sample : J2355-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Y33MS

Quant Time: Apr 21 02:47:41 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN041918-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 21 02:47:17 2018
 Response via : Initial Calibration

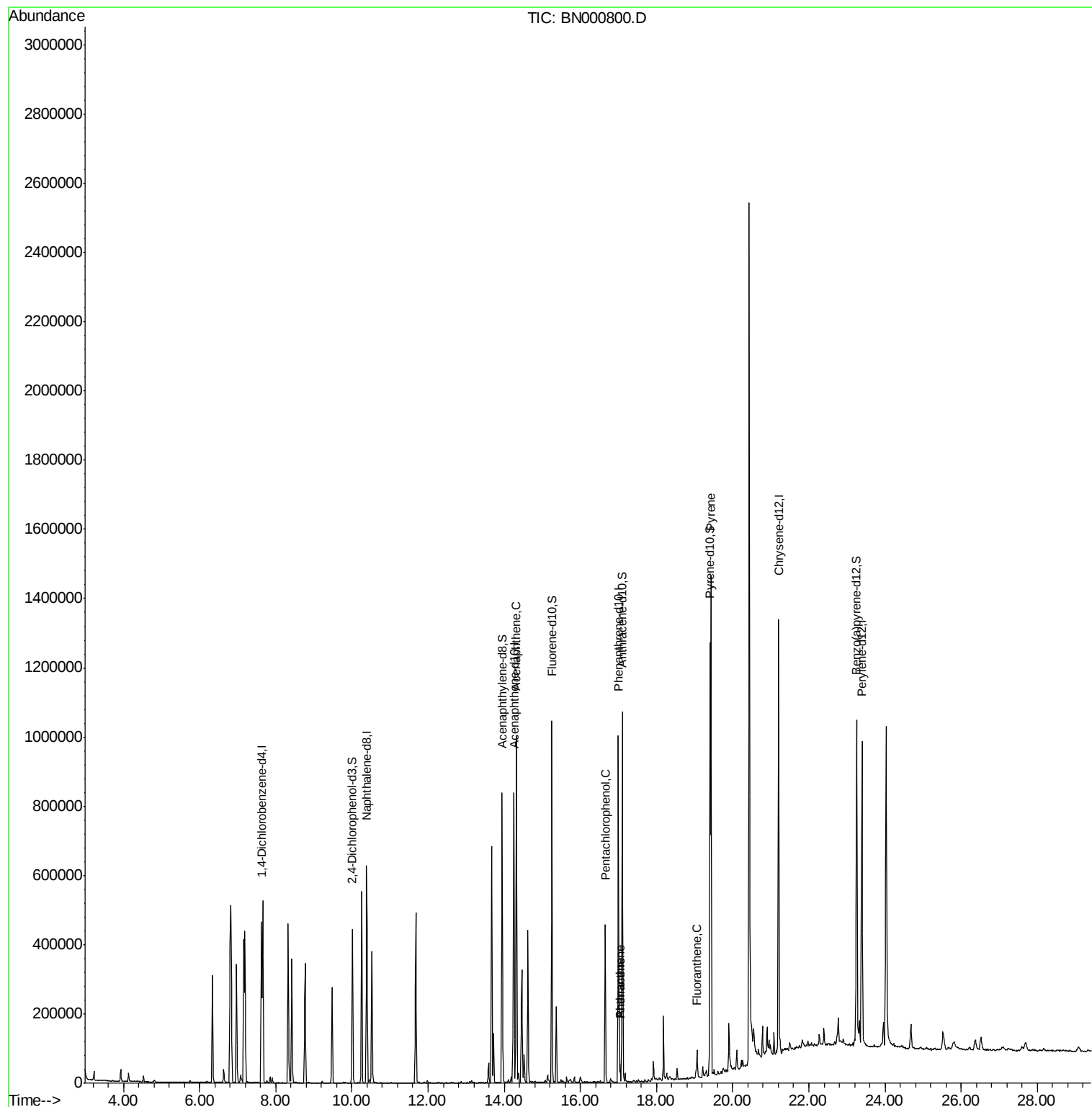
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	117332	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	504212	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	267492	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	545622	20.00	ng/ul	0.00
18) Chrysene-d12	21.20	240	521004	20.00	ng/ul	0.00
23) Perylene-d12	23.39	264	543566	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.01	165	149681	20.87	ng/ul	0.00
7) Acenaphthylene-d8	13.95	160	561829	21.82	ng/ul	0.00
10) Fluorene-d10	15.25	176	370475	21.47	ng/ul	0.00
15) Anthracene-d10	17.10	188	531667	21.08	ng/ul	0.00
19) Pyrene-d10	19.40	212	572389	21.83	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.26	264	539712	21.06	ng/ul	0.00
Target Compounds				Qvalue		
9) Acenaphthene	14.32	153	392028	22.255	ng/ul	99
13) Pentachlorophenol	16.65	266	64615	19.598	ng/ul	97
14) Phenanthrene	17.05	178	31877	1.069	ng/ul	97
16) Anthracene	17.05	178	31877	1.058	ng/ul	98
17) Fluoranthene	19.06	202	41493	1.416	ng/ul#	73
20) Pyrene	19.43	202	796522	24.148	ng/ul#	73

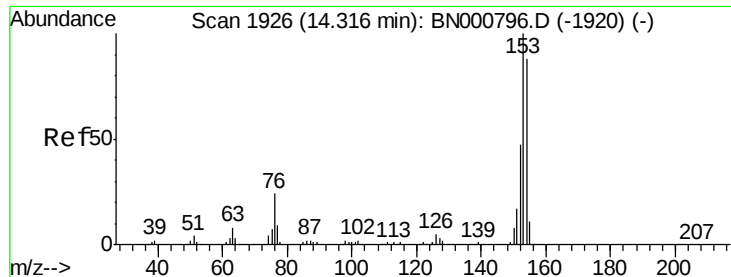
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Acenaphthene

Concen: 22.255 ng/ul

RT: 14.32 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BN000800.D

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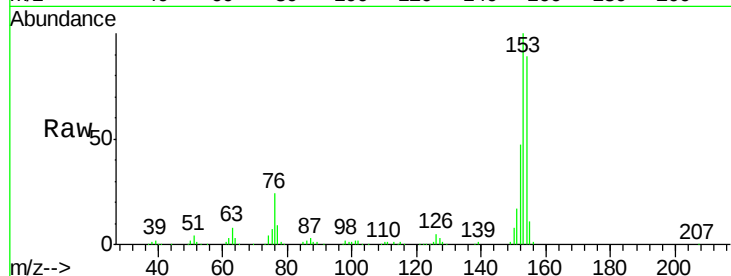
Tot Ion:153 Resp: 392028

Ion Ratio Lower Upper

153 100

152 47.3 37.6 56.4

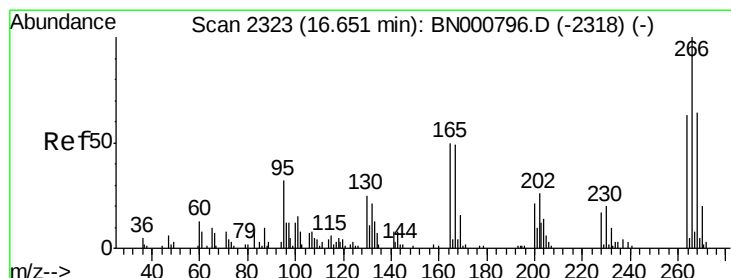
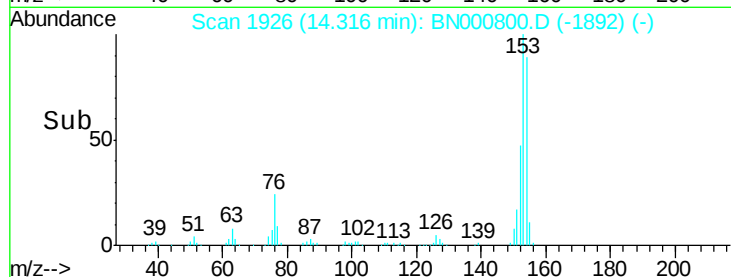
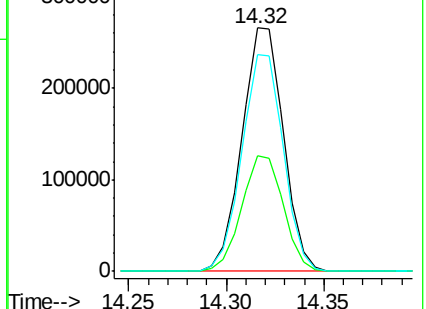
154 89.1 70.4 105.6



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



#13

Pentachlorophenol

Concen: 19.598 ng/ul

RT: 16.65 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BN000800.D

Acq: 20 Apr 2018 17:53

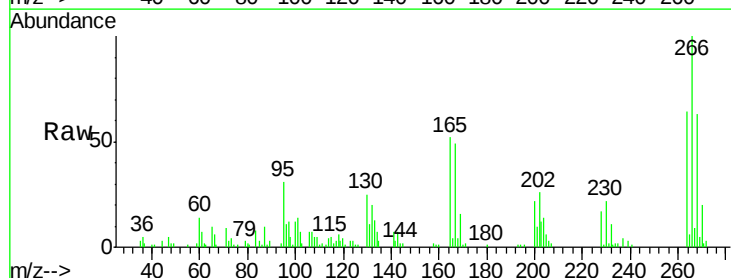
Tgt Ion:266 Resp: 64615

Ion Ratio Lower Upper

266 100

264 63.5 49.3 73.9

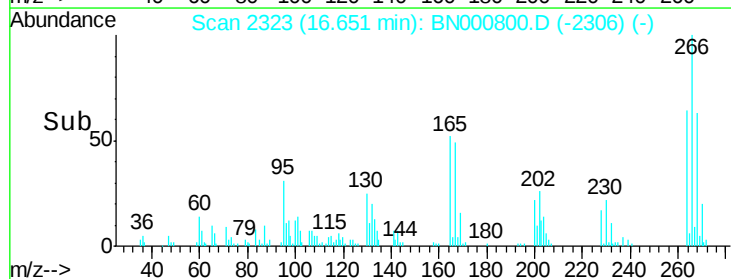
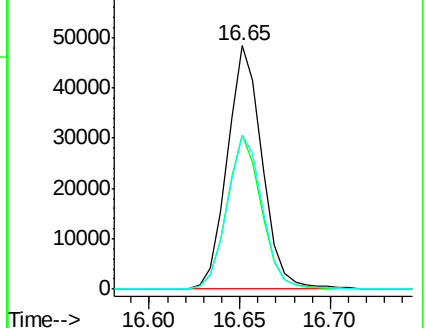
268 63.4 52.6 78.8

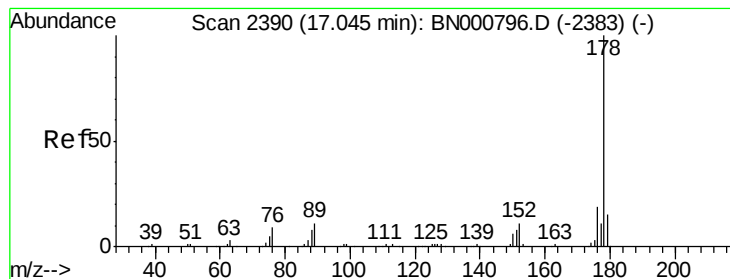


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#14

Phenanthrene

Concen: 1.069 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BN000800.D

Acq: 20 Apr 2018 17:53

Instrument :

BNA_N

ClientSampleId :

A3Y33MS

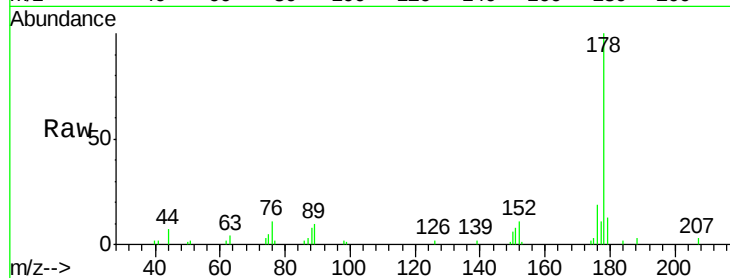
Tot Ion:178 Resp: 31877

Ion	Ratio	Lower	Upper
178	100		
179	13.5	12.6	19.0
176	18.6	14.9	22.3

178 100

179 13.5 12.6 19.0

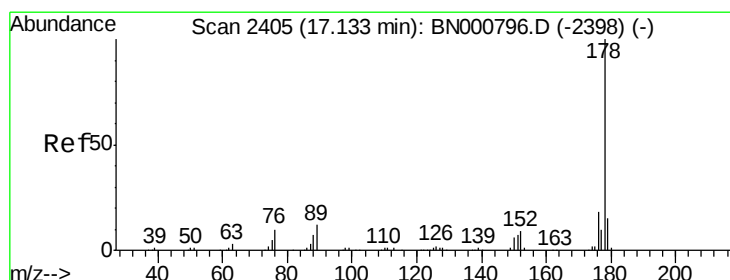
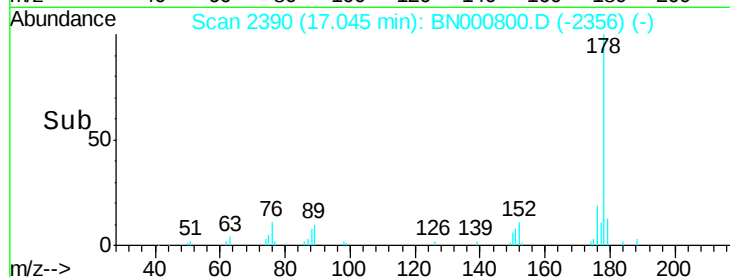
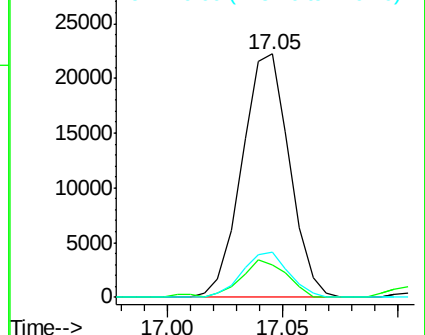
176 18.6 14.9 22.3



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



#16

Anthracene

Concen: 1.058 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. -0.09 min

Lab File: BN000800.D

Acq: 20 Apr 2018 17:53

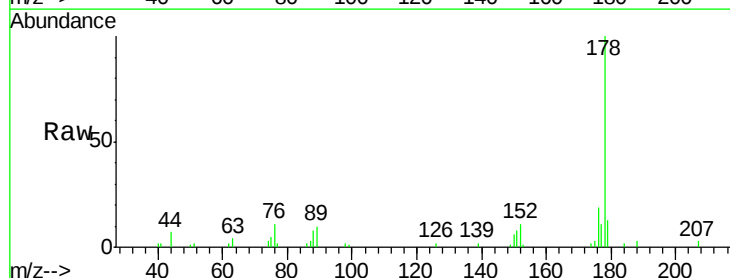
Tgt Ion:178 Resp: 31877

Ion	Ratio	Lower	Upper
178	100		
179	13.5	11.7	17.5
176	18.6	14.6	21.8

178 100

179 13.5 11.7 17.5

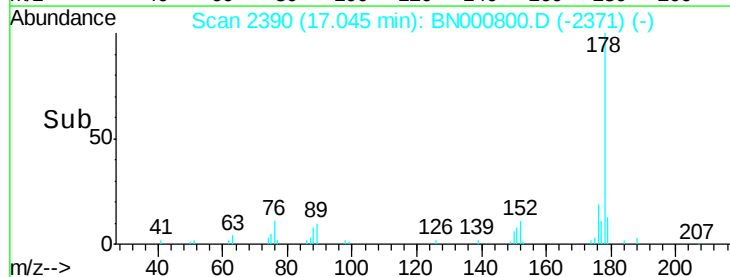
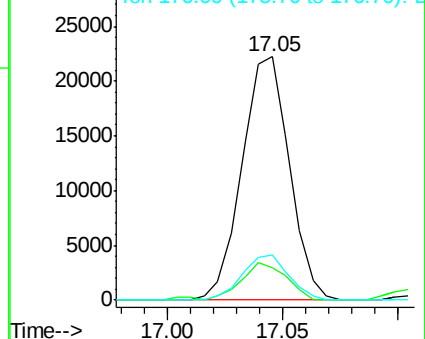
176 18.6 14.6 21.8

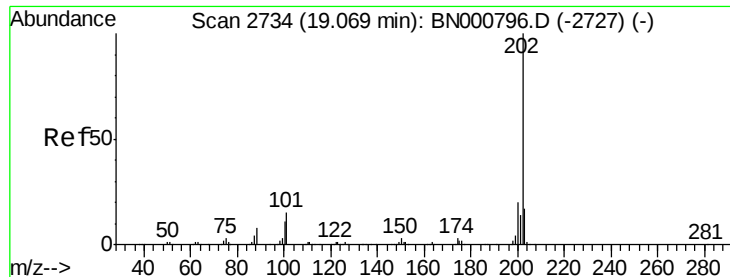


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

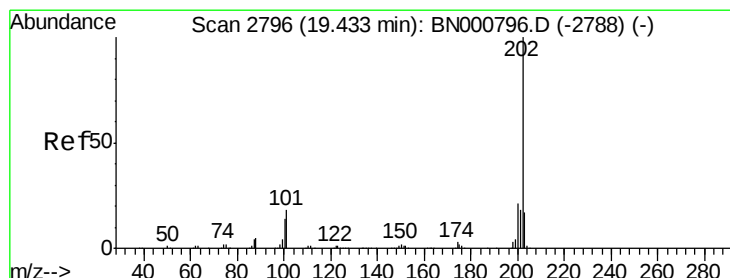
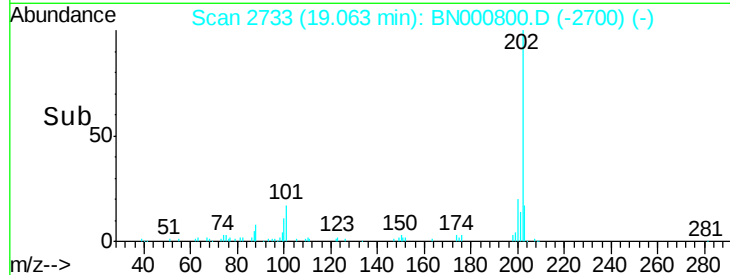
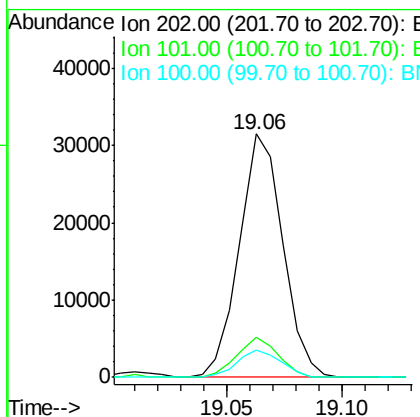
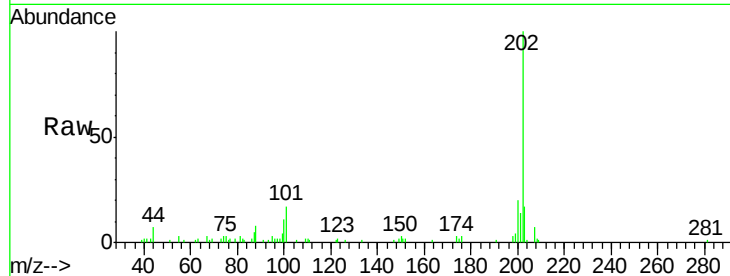




#17
Fluoranthene
Concen: 1.416 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. -0.01 min
Lab File: BN000800.D
Acq: 20 Apr 2018 17:53

Instrument :
BNA_N
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A3Y33MS

Tot Ion:202 Resp: 41493
Ion Ratio Lower Upper
202 100
101 16.6 4.6 7.0#
100 11.2 3.4 5.2#



#20
Pyrene
Concen: 24.148 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. 0.00 min
Lab File: BN000800.D
Acq: 20 Apr 2018 17:53

Tgt Ion:202 Resp: 796522
Ion Ratio Lower Upper
202 100
101 17.2 5.1 7.7#
100 13.8 4.9 7.3#

