

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042718\
 Data File : BN000976.D
 Acq On : 27 Apr 2018 23:34
 Operator : JU/SJ
 Sample : J2440-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 28 03:59:59 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN041918-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 28 03:58:06 2018
 Response via : Initial Calibration

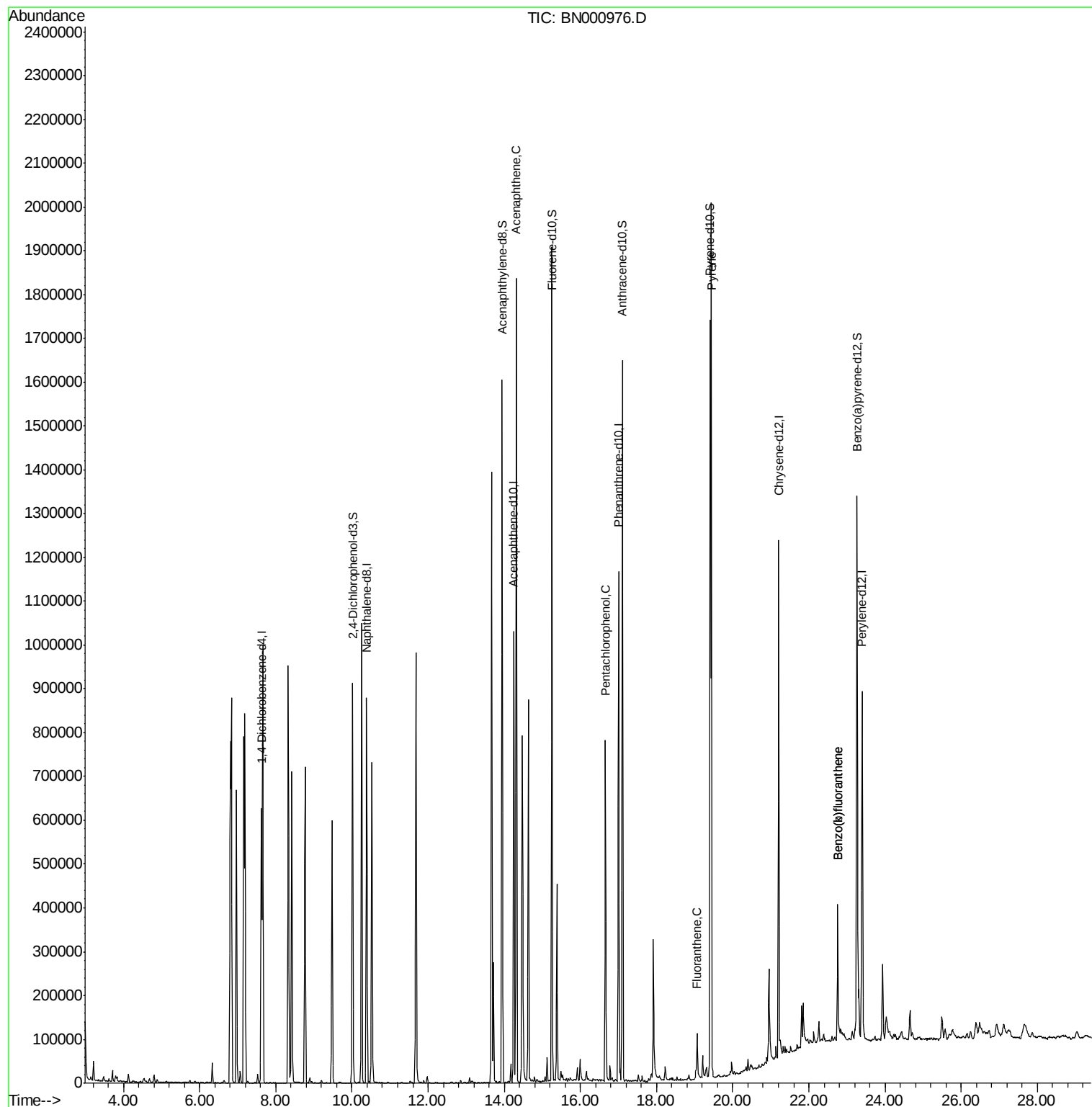
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	157005	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	680310	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	337785	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	610866	20.00	ng/ul	0.00
18) Chrysene-d12	21.21	240	478195	20.00	ng/ul	0.00
23) Perylene-d12	23.40	264	502224	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.02	165	313526	32.39	ng/ul	0.00
7) Acenaphthylene-d8	13.95	160	1015499	31.23	ng/ul	0.00
10) Fluorene-d10	15.25	176	675297	31.00	ng/ul	0.00
15) Anthracene-d10	17.10	188	852712	30.19	ng/ul	0.00
19) Pyrene-d10	19.40	212	823947	34.24	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.27	264	822274	34.72	ng/ul	0.00
Target Compounds				Qvalue		
9) Acenaphthene	14.32	153	725775	32.628	ng/ul	100
13) Pentachlorophenol	16.66	266	120528	32.653	ng/ul	97
17) Fluoranthene	19.07	202	51004	1.554	ng/ul#	74
20) Pyrene	19.44	202	1097275	36.244	ng/ul#	72
24) Benzo(b)fluoranthene	22.75	252	37688	1.297	ng/ul#	89
25) Benzo(k)fluoranthene	22.75	252	37688	1.344	ng/ul#	87

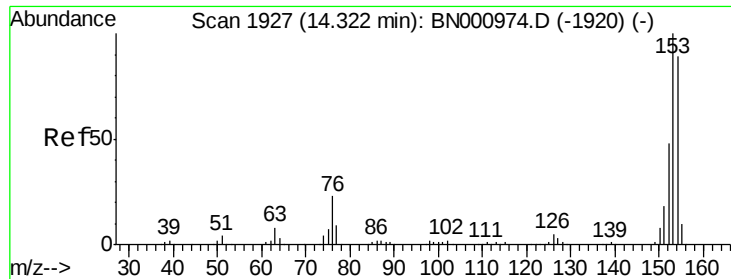
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Acenaphthene

Concen: 32.628 ng/ul

RT: 14.32 min Scan# 1927

Delta R.T. 0.00 min

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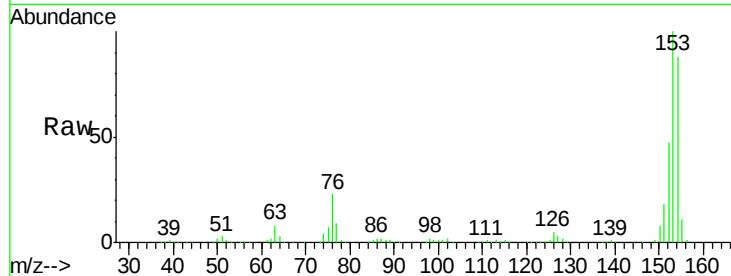
Tot Ion:153 Resp: 725775

Ion Ratio Lower Upper

153 100

152 47.2 37.6 56.4

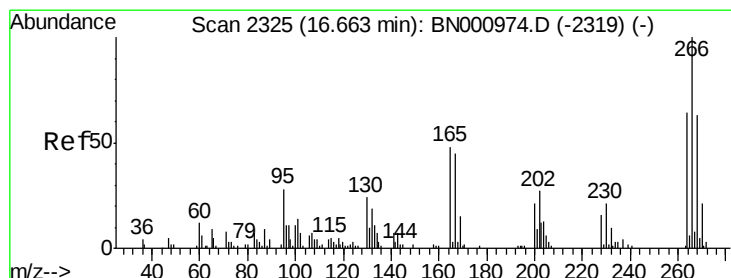
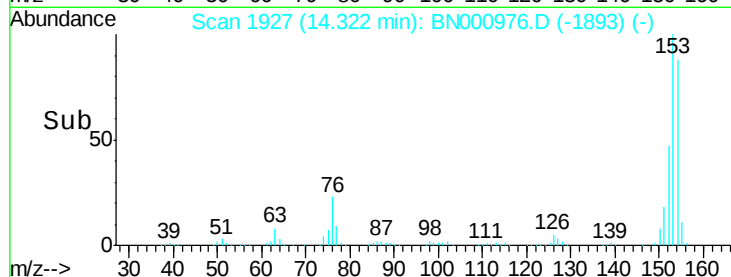
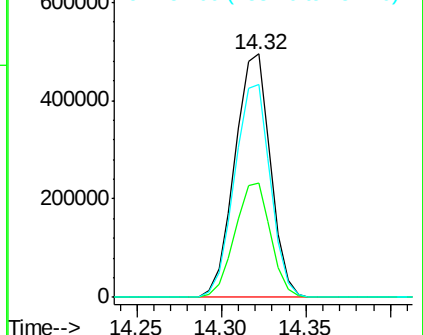
154 87.5 70.4 105.6



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: 32.653 ng/ul

RT: 16.66 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BN000976.D

Acq: 27 Apr 2018 23:34

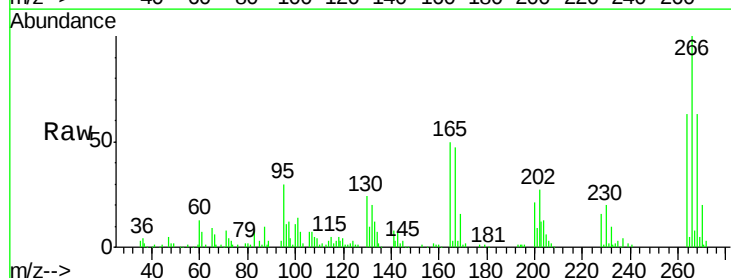
Tgt Ion:266 Resp: 120528

Ion Ratio Lower Upper

266 100

264 63.1 49.3 73.9

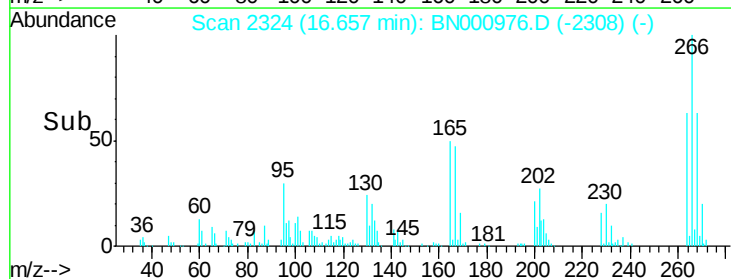
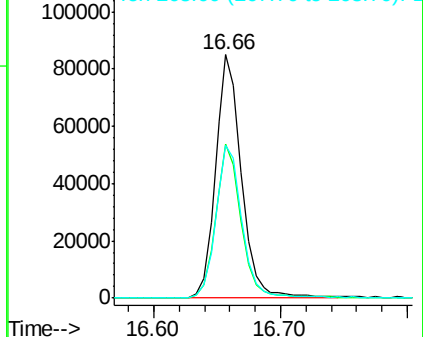
268 62.8 52.6 78.8

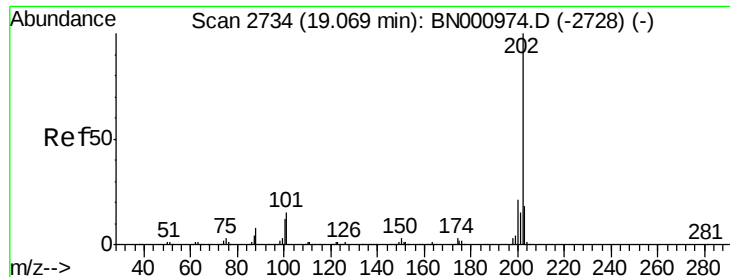


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

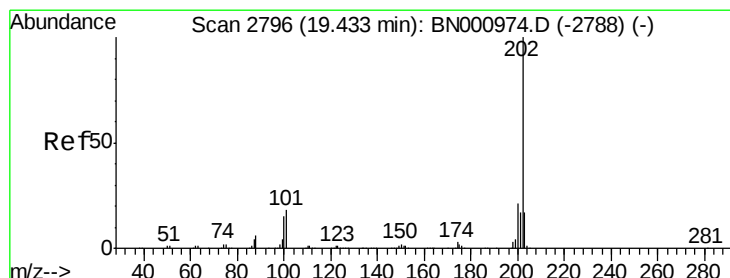
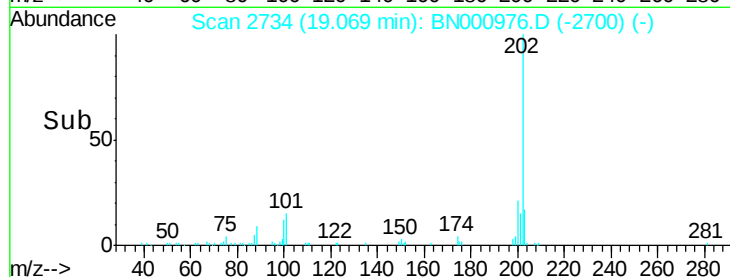
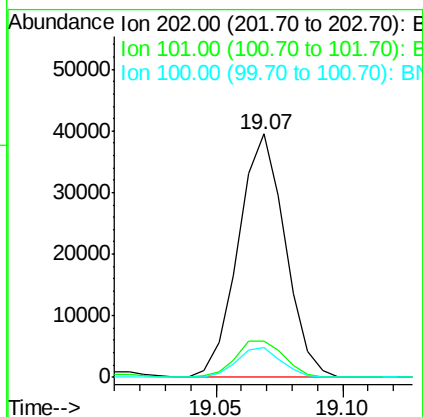
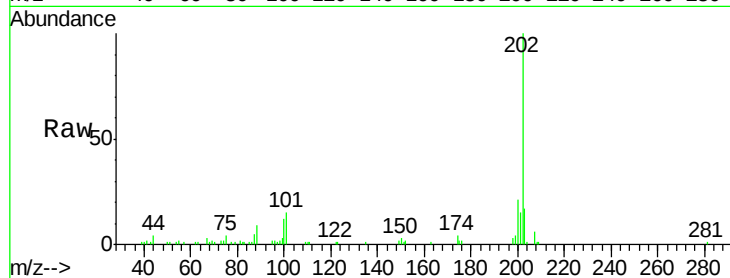




#17
Fluoranthene
 Concen: 1.554 ng/ul
 RT: 19.07 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: BN000976.D
 Acq: 27 Apr 2018 23:34

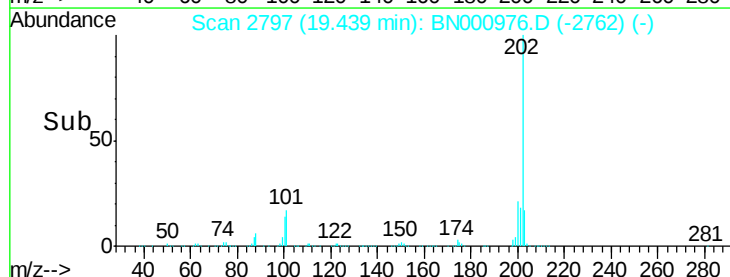
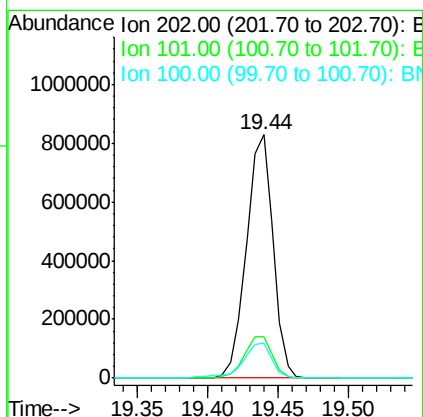
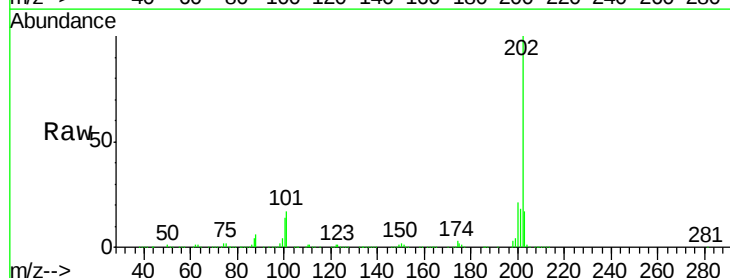
Instrument :
 BNA_N
 ClientSampleId :

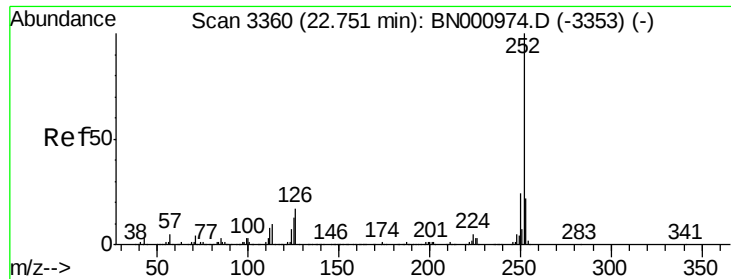
Tot Ion:202 Resp: 51004
 Ion Ratio Lower Upper
 202 100
 101 15.0 4.6 7.0#
 100 12.3 3.4 5.2#



#20
Pyrene
 Concen: 36.244 ng/ul
 RT: 19.44 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: BN000976.D
 Acq: 27 Apr 2018 23:34

Tgt Ion:202 Resp: 1097275
 Ion Ratio Lower Upper
 202 100
 101 17.2 5.1 7.7#
 100 14.2 4.9 7.3#

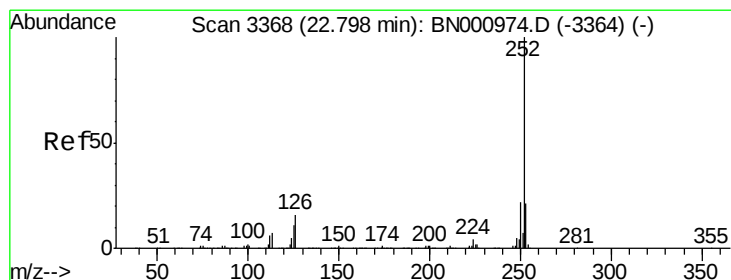
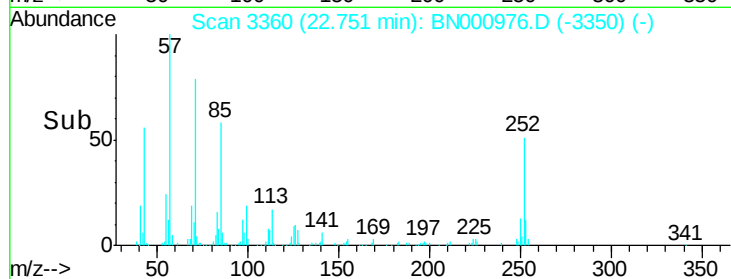
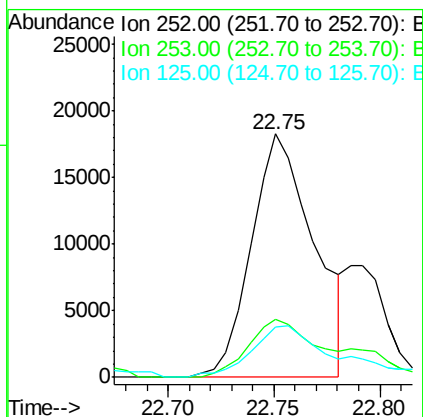
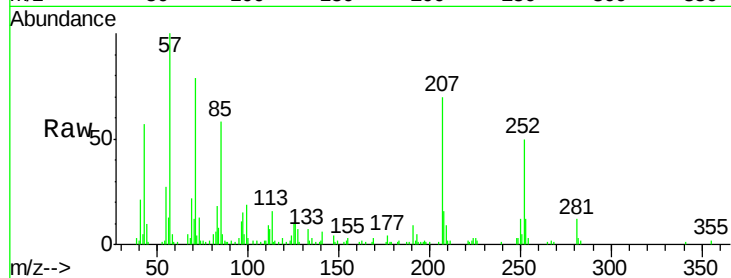




#24
Benzo(b)fluoranthene
Concen: 1.297 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BN000976.D
Acq: 27 Apr 2018 23:34

Instrument :
BNA_N
ClientSampled :

Tot Ion:252 Resp: 37688
Ion Ratio Lower Upper
252 100
253 23.8 17.9 26.9
125 20.7 3.6 5.4#



#25
Benzo(k)fluoranthene
Concen: 1.344 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.05 min
Lab File: BN000976.D
Acq: 27 Apr 2018 23:34

Tgt Ion:252 Resp: 37688
Ion Ratio Lower Upper
252 100
253 23.8 17.1 25.7
125 20.7 3.4 5.2#

