

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032718\
 Data File : BN000653.D
 Acq On : 27 Mar 2018 18:45
 Operator : JU/SJ
 Sample : J2060-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 28 01:39:43 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 28 01:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	173743	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	767455	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.02	164	410641	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	842004	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	611821	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	511810	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	14658	3.01	ng/uL	0.00
5) Phenol-d5	7.55	99	303942	18.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	188413	20.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	232115	18.94	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	235656	18.66	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	115458	18.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	120331	18.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	210990	18.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	265331	22.33	ng/ul	0.00
43) Dimethylphthalate-d6	14.41	166	638630	19.68	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	834533	19.50	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	65773	10.92	ng/ul	0.00
57) Fluorene-d10	16.01	176	549824	19.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	47120	9.77	ng/ul	0.00
70) Anthracene-d10	17.85	188	806242	19.92	ng/ul	0.00
76) Pyrene-d10	20.11	212	780588	23.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.19	264	491316	20.34	ng/ul	0.00

Target Compounds

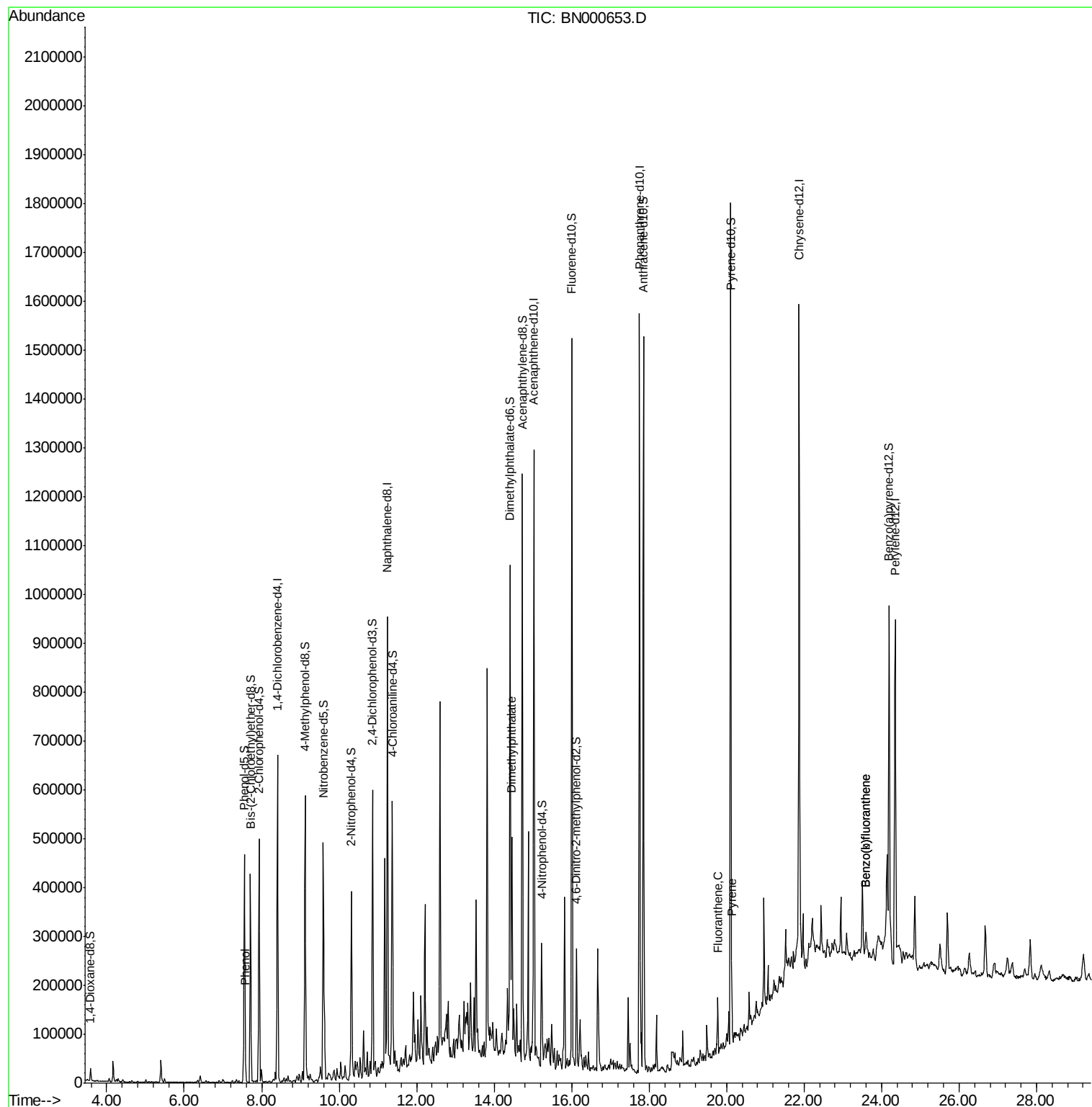
				Ovalue	
6) Phenol	7.58	94	19509	1.180	ng/ul 98
44) Dimethylphthalate	14.46	163	141446	4.408	ng/ul 99
74) Fluoranthene	19.78	202	64496	1.338	ng/ul# 84
77) Pyrene	20.14	202	66602	1.490	ng/ul# 80
85) Benzo(b)fluoranthene	23.59	252	43443	1.343	ng/ul# 86
86) Benzo(k)fluoranthene	23.59	252	43443	1.391	ng/ul# 85

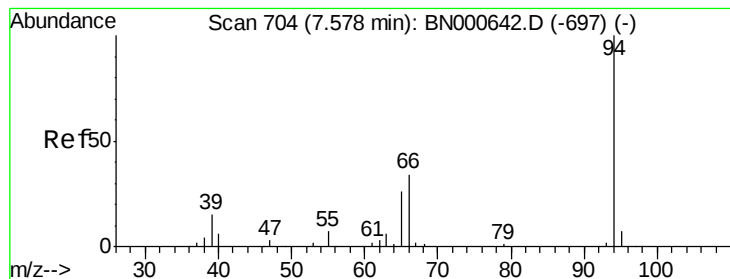
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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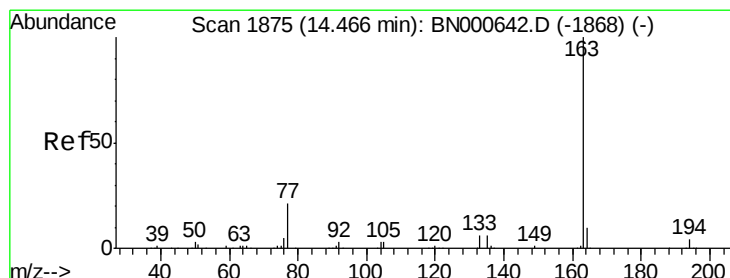
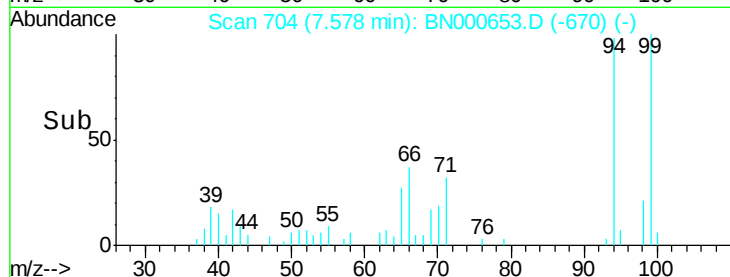
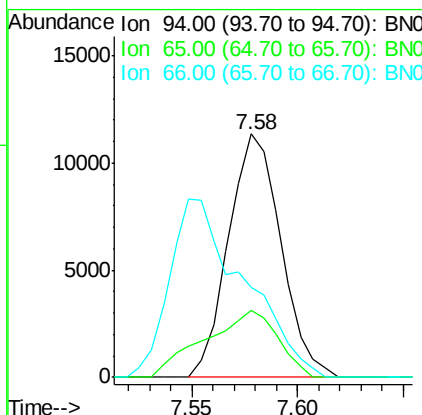
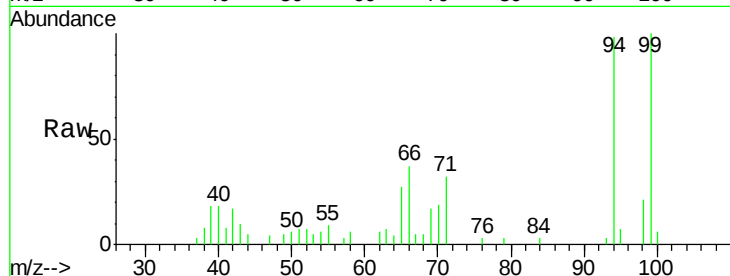
#6

Phenol

Concen: 1.180 ng/ul
 RT: 7.58 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: BN000653.D
 Acq: 27 Mar 2018 18:45

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 94 Resp: 19509
 Ion Ratio Lower Upper
 94 100
 65 27.5 23.0 34.6
 66 37.2 30.4 45.6

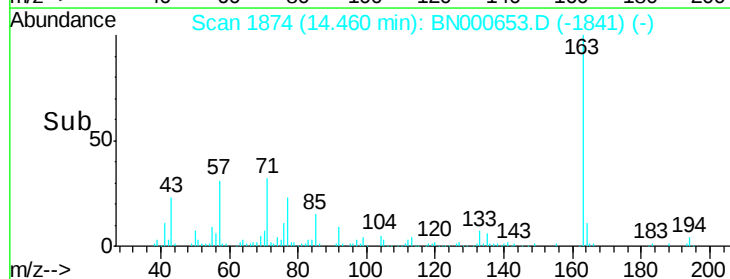
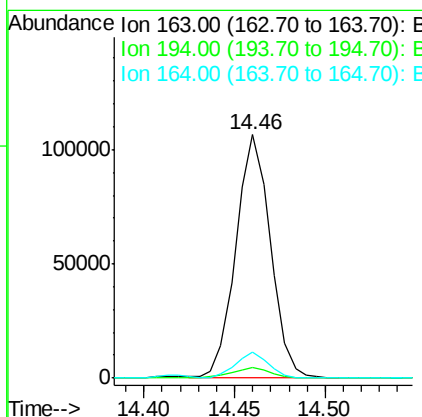
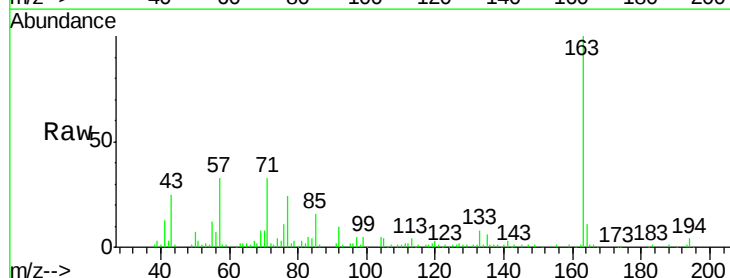


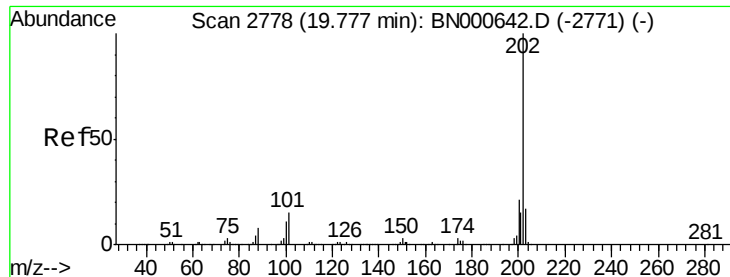
#44

Dimethylphthalate

Concen: 4.408 ng/ul
 RT: 14.46 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BN000653.D
 Acq: 27 Mar 2018 18:45

Tgt Ion: 163 Resp: 141446
 Ion Ratio Lower Upper
 163 100
 194 4.2 4.0 6.0
 164 10.6 8.4 12.6





#74

Fluoranthene

Concen: 1.338 ng/ul

RT: 19.78 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BN000653.D

Acq: 27 Mar 2018 18:45

Instrument :

BNA_N

ClientSampleId :

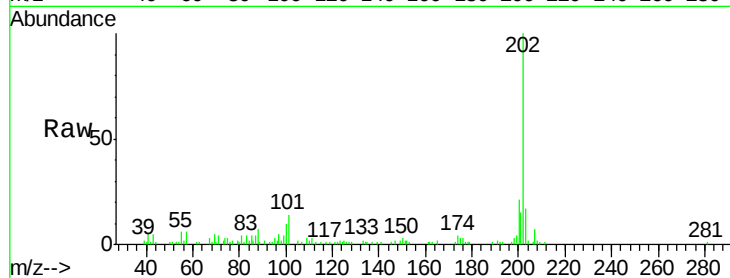
Tot Ion:202 Resp: 64496

Ion Ratio Lower Upper

202 100

101 14.3 6.1 9.1#

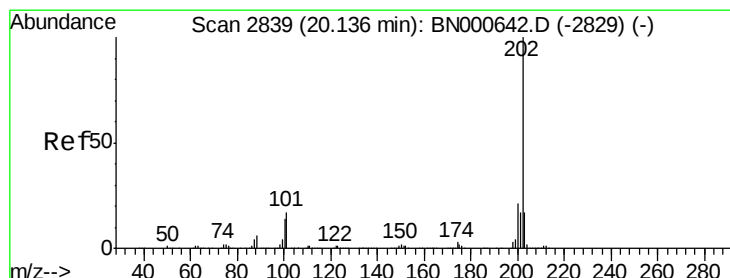
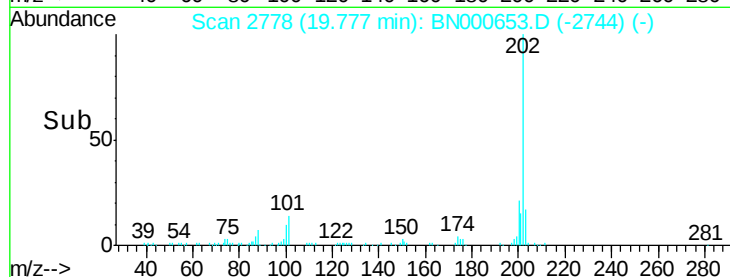
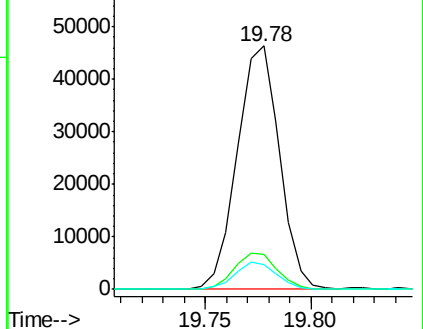
100 10.1 4.6 7.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 1.490 ng/ul

RT: 20.14 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BN000653.D

Acq: 27 Mar 2018 18:45

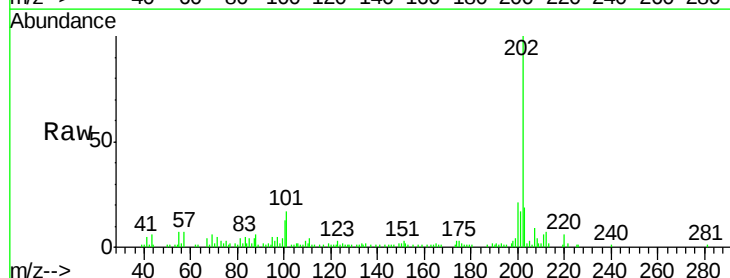
Tgt Ion:202 Resp: 66602

Ion Ratio Lower Upper

202 100

101 16.9 6.9 10.3#

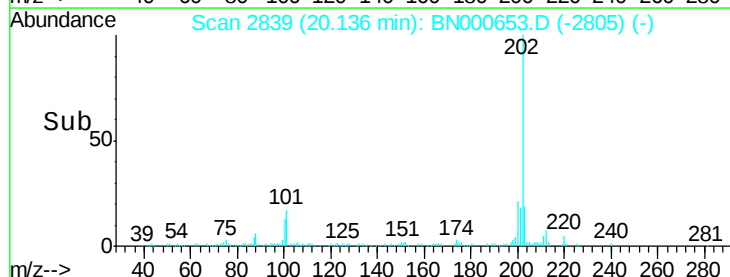
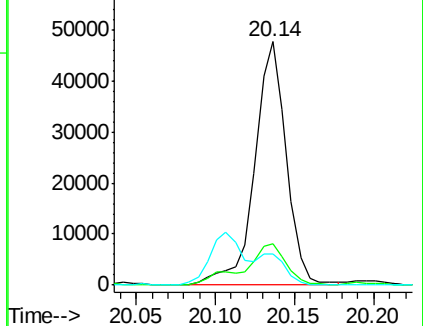
100 12.6 5.6 8.4#

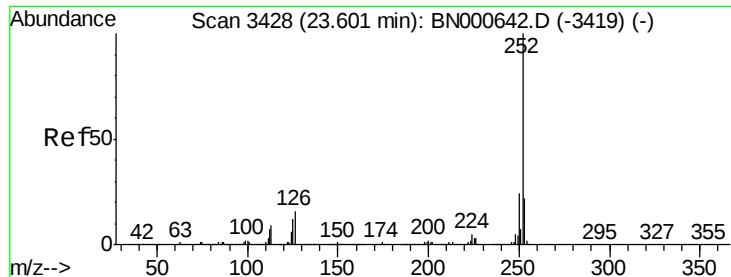


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

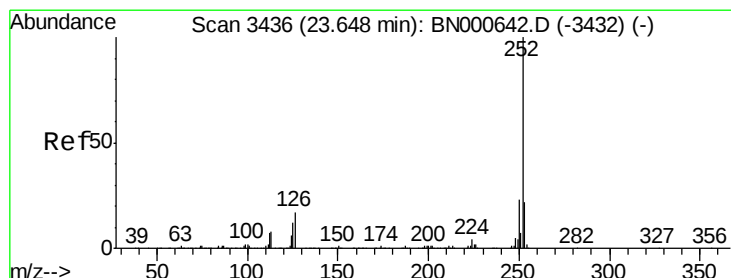
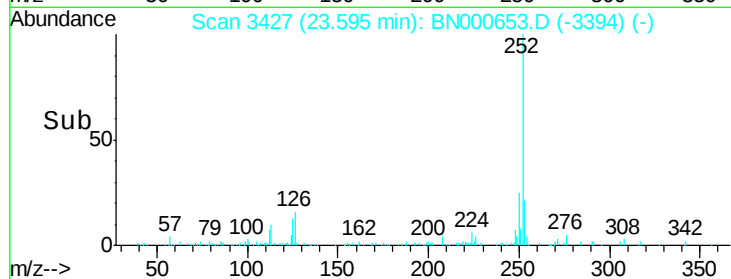
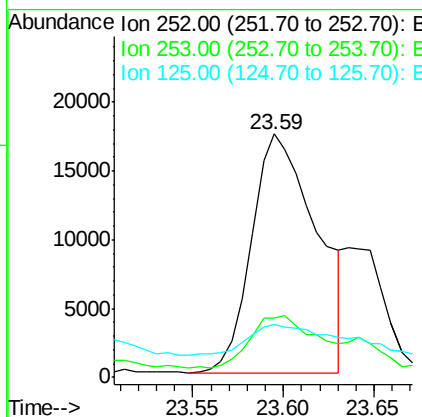
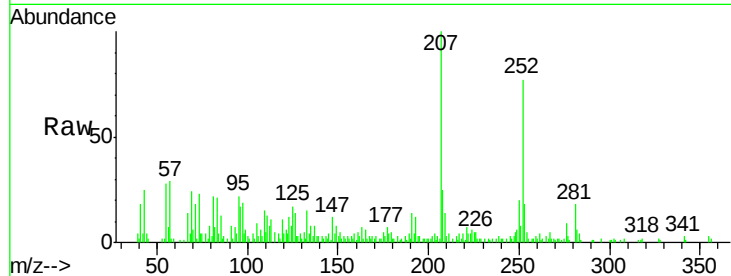




#85
Benzo(b)fluoranthene
Concen: 1.343 ng/ul
RT: 23.59 min Scan# 3427
Delta R.T. -0.01 min
Lab File: BN000653.D
Acq: 27 Mar 2018 18:45

Instrument :
BNA_N
ClientSampled :

Tot Ion:252 Resp: 43443
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.0
125 21.8 4.9 7.3#



#86
Benzo(k)fluoranthene
Concen: 1.391 ng/ul
RT: 23.59 min Scan# 3427
Delta R.T. -0.05 min
Lab File: BN000653.D
Acq: 27 Mar 2018 18:45

Tgt Ion:252 Resp: 43443
Ion Ratio Lower Upper
252 100
253 24.1 17.1 25.7
125 21.8 5.4 8.0#

