

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071615\
 Data File : BM001960.D
 Acq On : 16 Jul 2015 23:33
 Operator : TP/UM
 Sample : G2998-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02H9

Quant Time: Jul 17 02:24:26 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 17 01:40:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	83192	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	356523	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	227458	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	523123	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	584251	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	478038	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	8722	5.13	ng/uL	0.00
5) Phenol-d5	6.82	99	201495	29.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	117976	31.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	166380	30.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	176164	31.58	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	83962	31.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	100439	34.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	179919	30.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	227523	37.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	576130	31.40	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	576870	26.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	75458	24.29	ng/ul	0.00
57) Fluorene-d10	15.30	176	366379	23.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	43700	12.90	ng/ul	0.00
70) Anthracene-d10	17.16	188	490758	19.98	ng/ul	0.00
78) Pyrene-d10	19.46	212	456857	17.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	249343	10.31	ng/ul	-0.01

Target Compounds

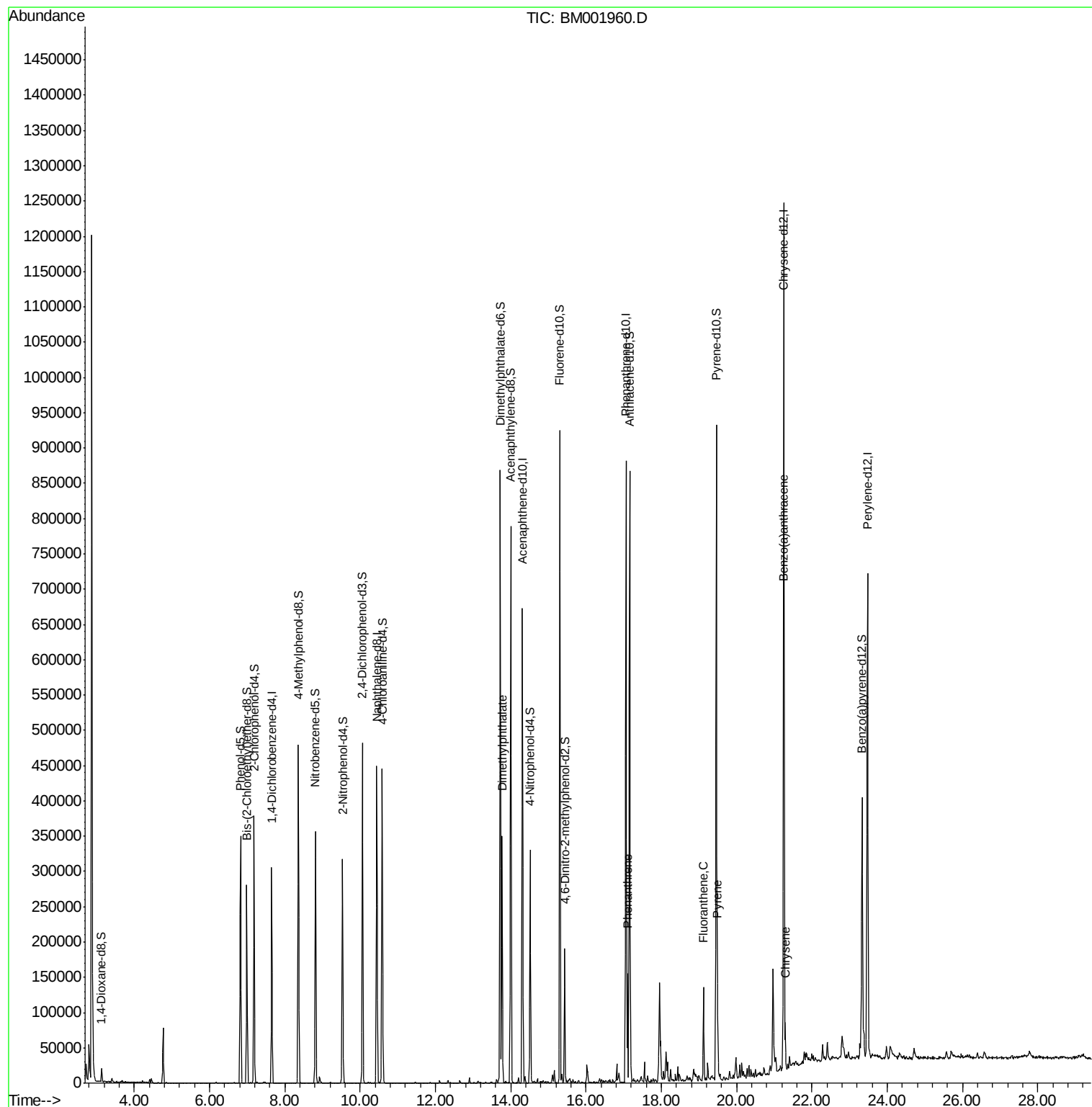
						Qvalue
44) Dimethylphthalate	13.77	163	218746	11.72	ng/ul	97
69) Phenanthrene	17.10	178	93878	3.31	ng/ul	99
76) Fluoranthene	19.12	202	76009	2.29	ng/ul	99
79) Pyrene	19.48	202	93651	2.68	ng/ul	99
82) Benzo(a)anthracene	21.23	228	42688	1.23	ng/ul	98
84) Chrysene	21.29	228	36908	1.13	ng/ul	97

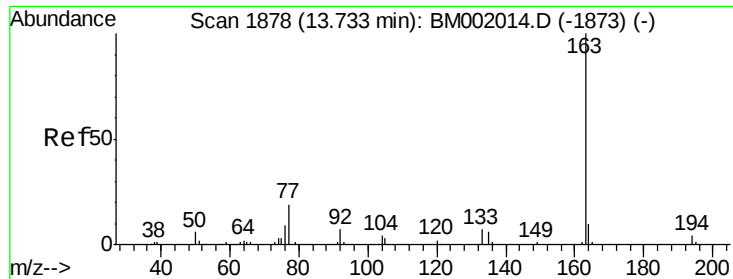
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 11.72 ng/ul

RT: 13.77 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BM001960.D

Acq: 16 Jul 2015 23:33

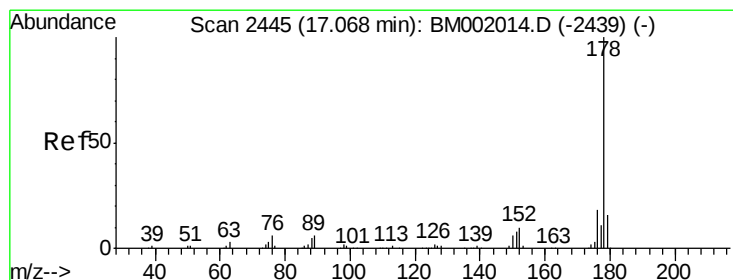
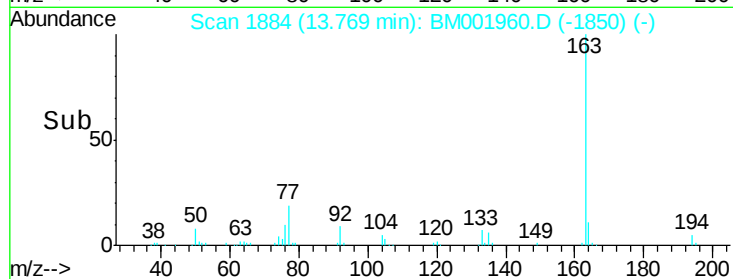
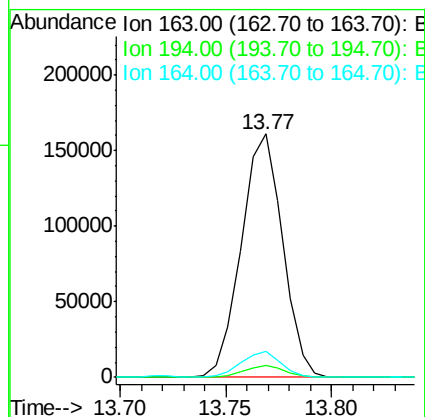
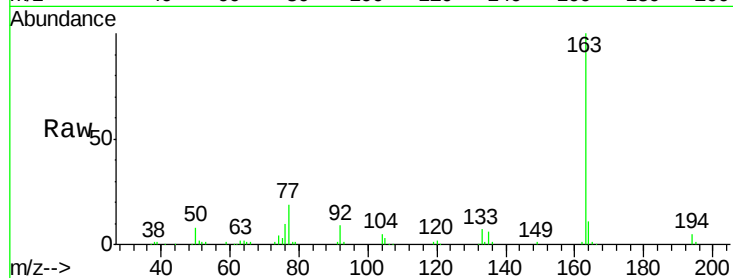
Instrument :

BNA_M

ClientSampleId :

C02H9

Tgt Ion:	163	Resp:	218746
Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.3	4.9
164	10.8	7.6	11.4



#69

Phenanthrene

Concen: 3.31 ng/ul

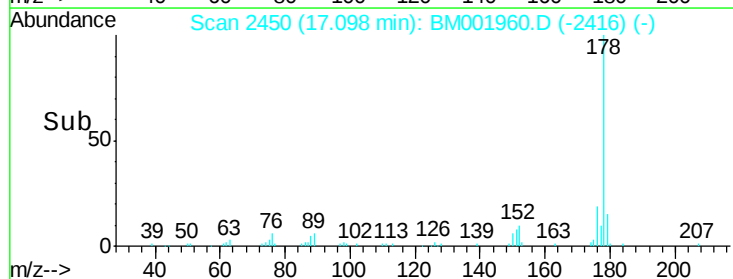
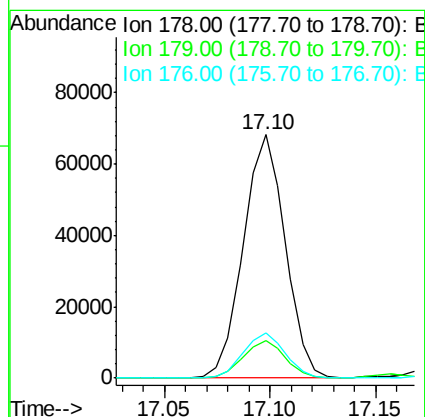
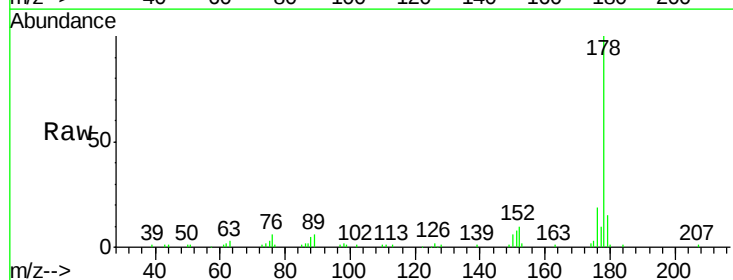
RT: 17.10 min Scan# 2450

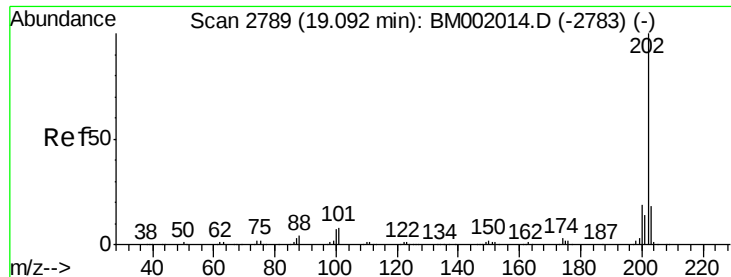
Delta R.T. -0.00 min

Lab File: BM001960.D

Acq: 16 Jul 2015 23:33

Tgt Ion:	178	Resp:	93878
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	18.8	14.5	21.7





#76

Fluoranthene

Concen: 2.29 ng/ul

RT: 19.12 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BM001960.D

Acq: 16 Jul 2015 23:33

Instrument :

BNA_M

ClientSampleId :

C02H9

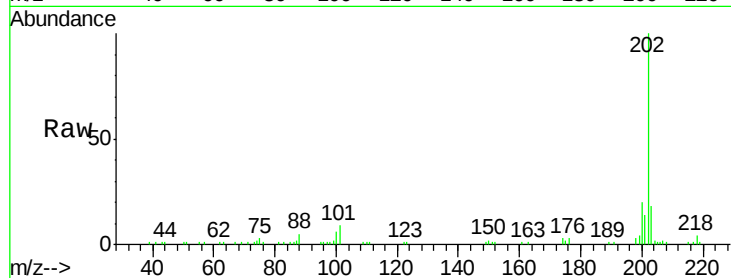
Tgt Ion:202 Resp: 76009

Ion Ratio Lower Upper

202 100

101 8.7 6.6 9.8

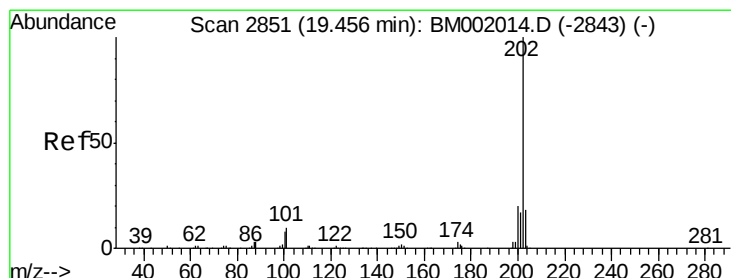
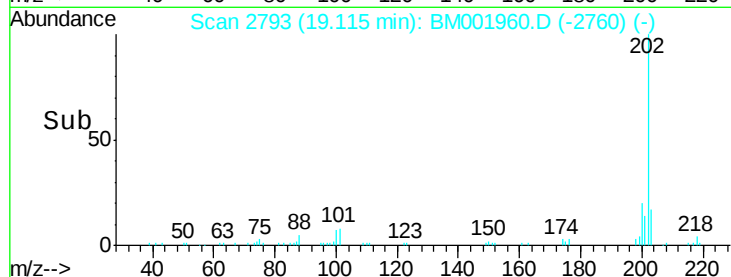
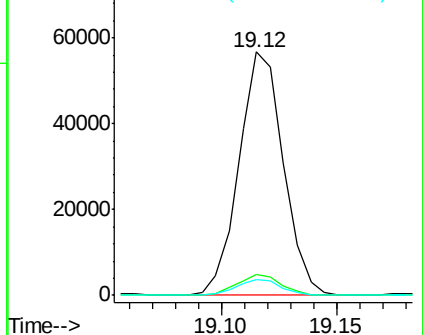
100 6.4 5.2 7.8



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



#79

Pyrene

Concen: 2.68 ng/ul

RT: 19.48 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BM001960.D

Acq: 16 Jul 2015 23:33

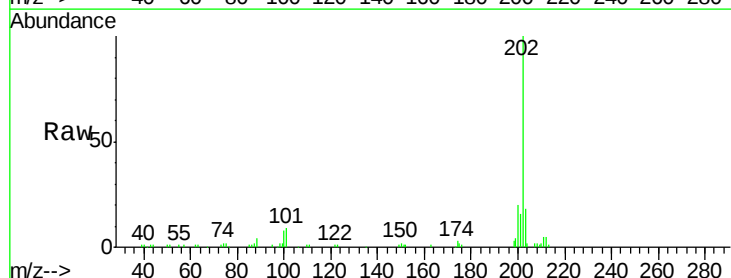
Tgt Ion:202 Resp: 93651

Ion Ratio Lower Upper

202 100

101 9.1 7.4 11.0

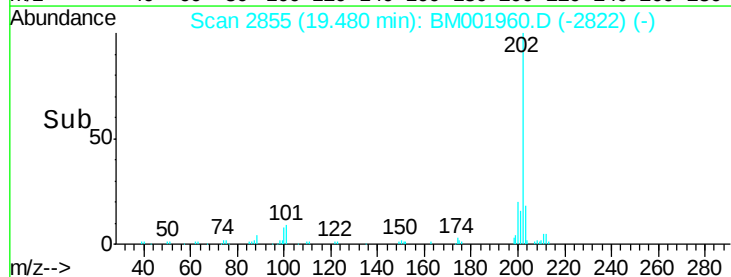
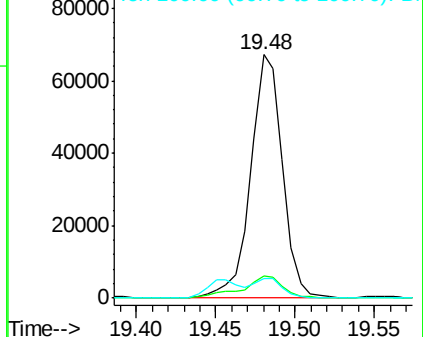
100 7.8 5.9 8.9

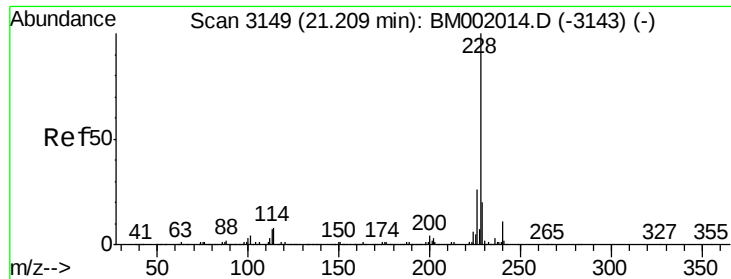


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

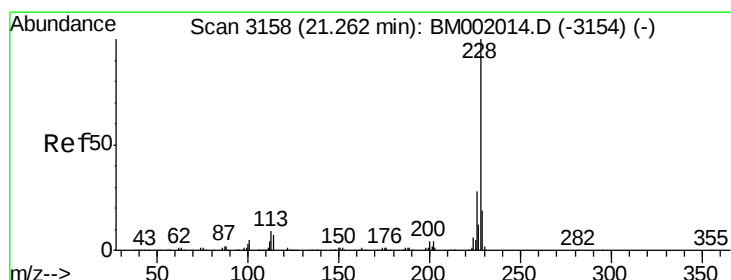
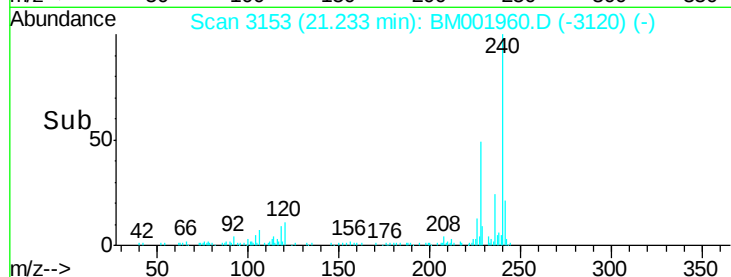
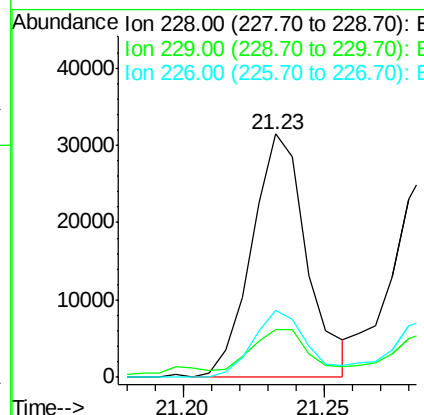
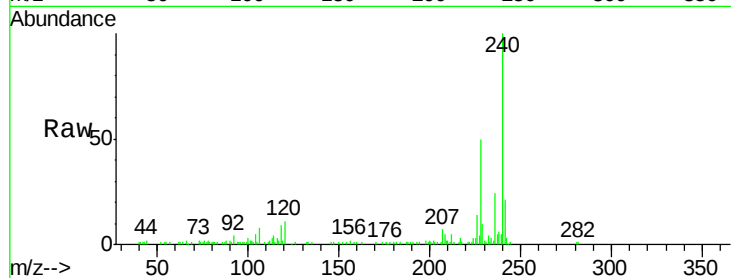




#82
Benzo(a)anthracene
Concen: 1.23 ng/ul
RT: 21.23 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BM001960.D
Acq: 16 Jul 2015 23:33

Instrument :
BNA_M
ClientSampleId :
C02H9

Tgt Ion:228 Resp: 42688
Ion Ratio Lower Upper
228 100
229 19.7 15.2 22.8
226 27.3 20.8 31.2



#84
Chrysene
Concen: 1.13 ng/ul
RT: 21.29 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BM001960.D
Acq: 16 Jul 2015 23:33

Tgt Ion:228 Resp: 36908
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 21.4 15.4 23.0

