

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001982.D
 Acq On : 20 Jul 2015 20:05
 Operator : TP/UM
 Sample : G3000-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02B0

Manual Integrations
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 7/22/2015 1:52:54 PM

Quant Time: Jul 21 02:00:14 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 21 01:37:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	95928	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	407010	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	247165	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	557698	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	499438	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	444410	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	2083	1.06	ng/uL	0.00
5) Phenol-d5	6.82	99	56922	7.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	31861	7.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	46975	7.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	36075	5.61	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	21478	7.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	22318	6.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	50646	7.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	33657	4.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	169894	8.52	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	182171	7.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	21246	6.29	ng/ul	0.00
57) Fluorene-d10	15.30	176	135490	7.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	4119	1.14	ng/ul	0.00
70) Anthracene-d10	17.16	188	200964	7.68	ng/ul	0.00
78) Pyrene-d10	19.46	212	200159	8.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	139237	6.20	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.47	105	14183	1.40	ng/ul	95
44) Dimethylphthalate	13.77	163	140106	6.91	ng/ul	98
69) Phenanthrene	17.10	178	64008	2.12	ng/ul	98
76) Fluoranthene	19.12	202	139277	3.94	ng/ul	99
79) Pyrene	19.49	202	131507	4.40	ng/ul	97
82) Benzo(a)anthracene	21.24	228	67233	2.26	ng/ul#	91
84) Chrysene	21.30	228	86637	3.11	ng/ul#	92
87) Benzo(b)fluoranthene	22.82	252	108082	3.97	ng/ul#	81
88) Benzo(k)fluoranthene	22.86	252	34184m	1.31	ng/ul	
90) Benzo(a)pyrene	23.39	252	66993	2.62	ng/ul#	85
91) Indeno(1,2,3-cd)pyrene	25.74	276	45636	1.70	ng/ul	91
93) Benzo(g,h,i)perylene	26.43	276	44774	2.03	ng/ul#	90

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

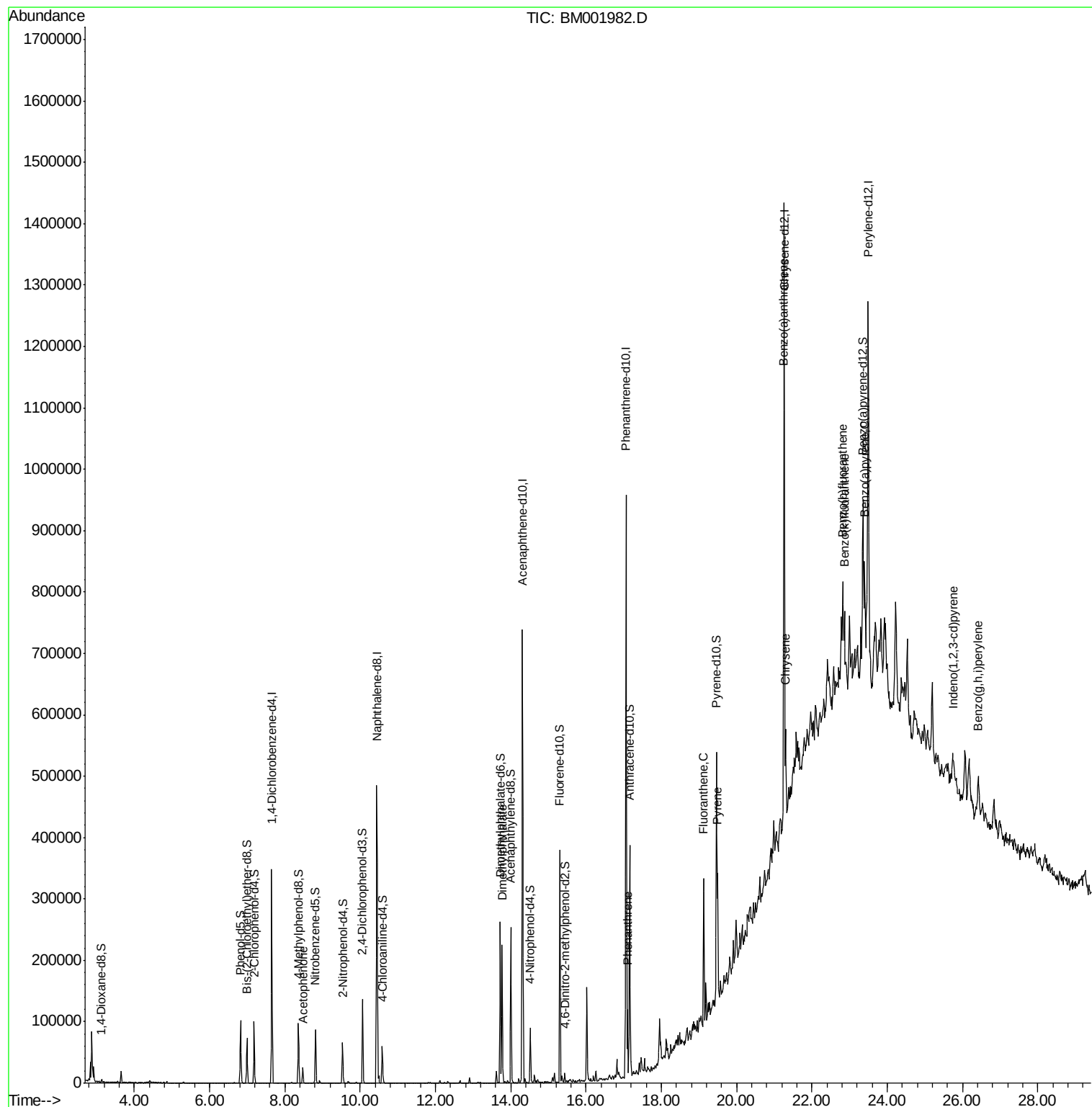
Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001982.D
Acq On : 20 Jul 2015 20:05
Operator : TP/UM
Sample : G3000-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

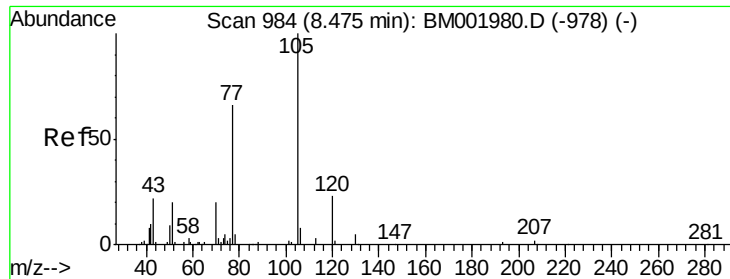
Instrument :
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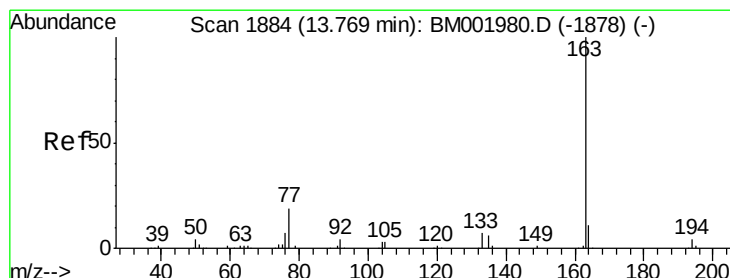
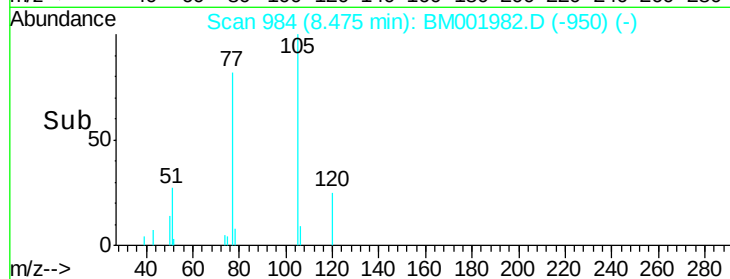
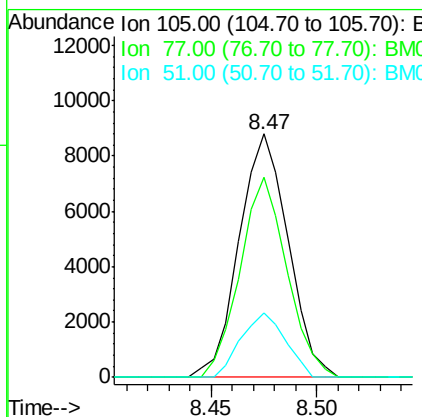
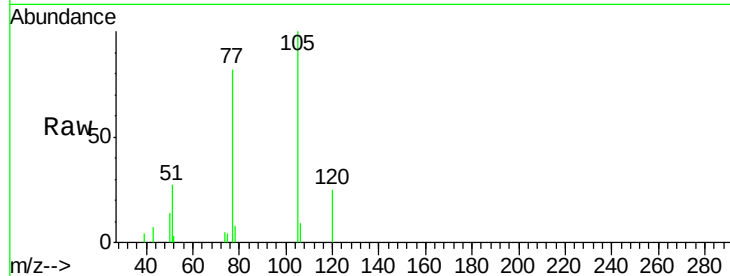
#14
Acetophenone
Concen: 1.40 ng/ul
RT: 8.47 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM001982.D
Acq: 20 Jul 2015 20:05

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
105	100	14183		
77	82.2	61.7	92.5	
51	26.6	20.2	30.4	

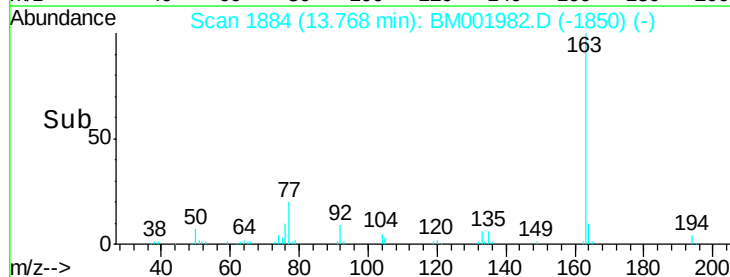
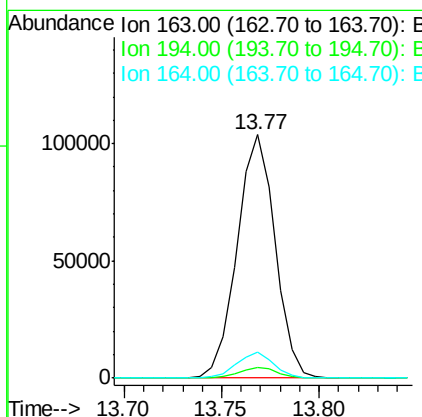
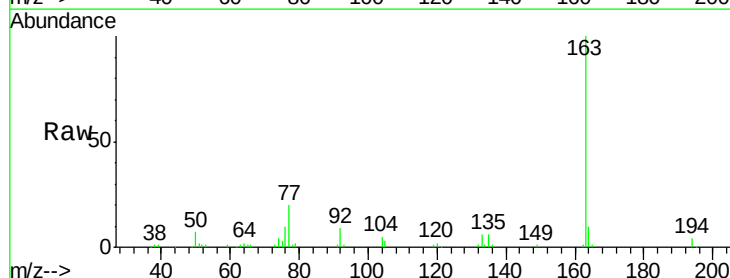
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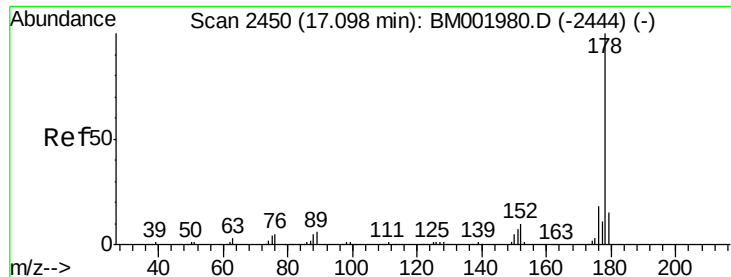
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#44
Dimethylphthalate
Concen: 6.91 ng/ul
RT: 13.77 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BM001982.D
Acq: 20 Jul 2015 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	140106		
194	4.4	3.3	4.9	
164	10.5	7.6	11.4	





#69

Phenanthrene

Concen: 2.12 ng/ul

RT: 17.10 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BM001982.D

Acq: 20 Jul 2015 20:05

Instrument :

BNA_M

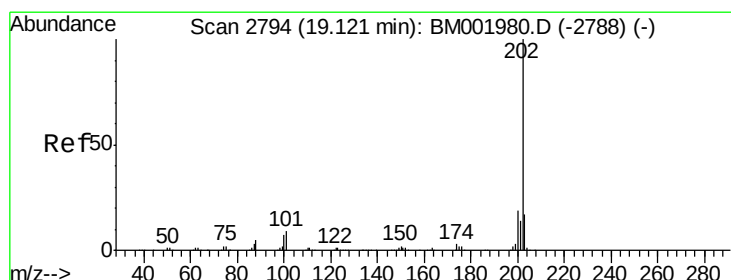
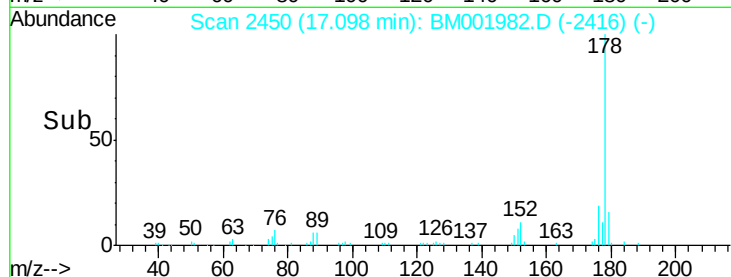
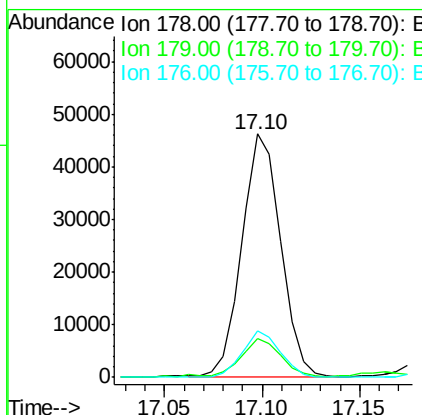
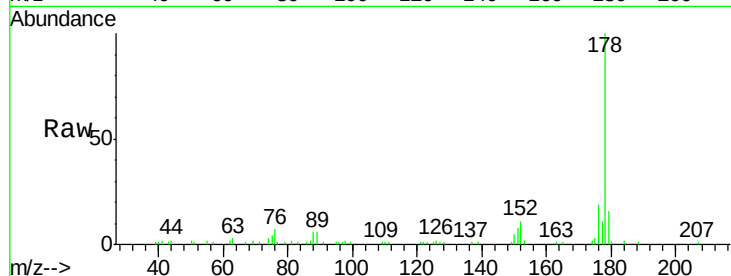
ClientSampleId :

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Tgt Ion:	178	Resp:	64008
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.2	18.2
176	19.1	14.5	21.7

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#76

Fluoranthene

Concen: 3.94 ng/ul

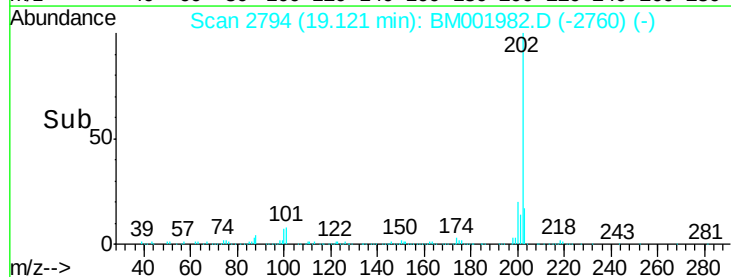
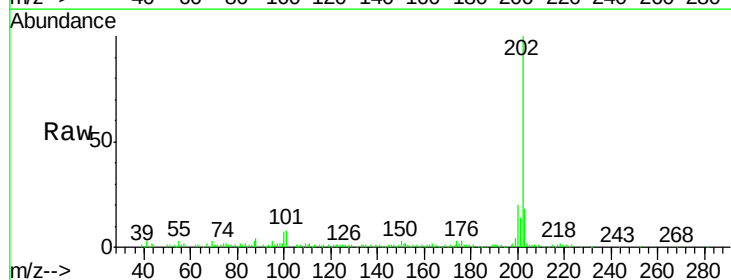
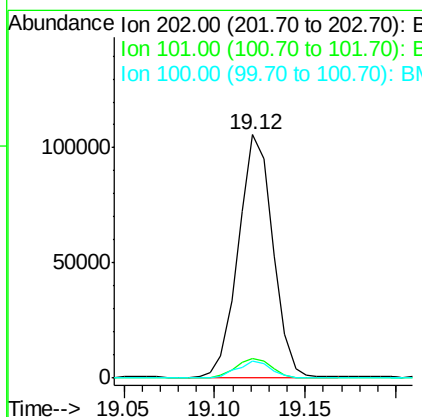
RT: 19.12 min Scan# 2794

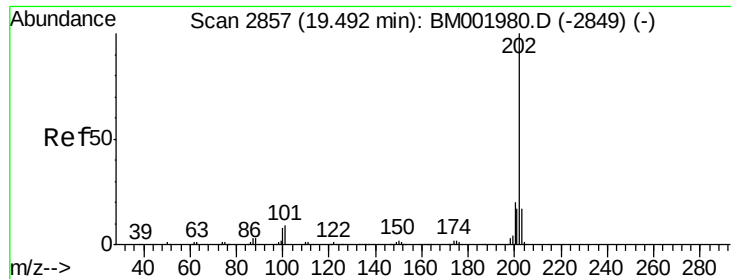
Delta R.T. -0.00 min

Lab File: BM001982.D

Acq: 20 Jul 2015 20:05

Tgt Ion:	202	Resp:	139277
Ion Ratio	Lower	Upper	
202	100		
101	7.8	6.6	9.8
100	7.0	5.2	7.8





#79

Pyrene

Concen: 4.40 ng/ul

RT: 19.49 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BM001982.D

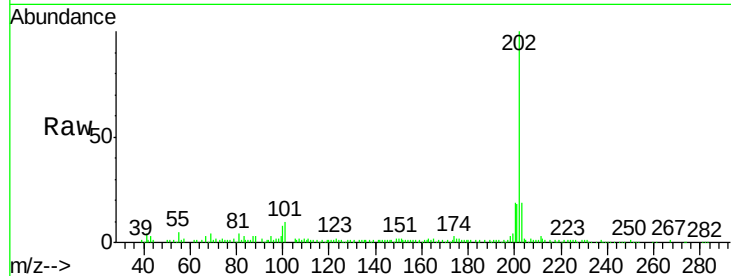
Acq: 20 Jul 2015 20:05

Instrument :

BNA_M

ClientSampleId :

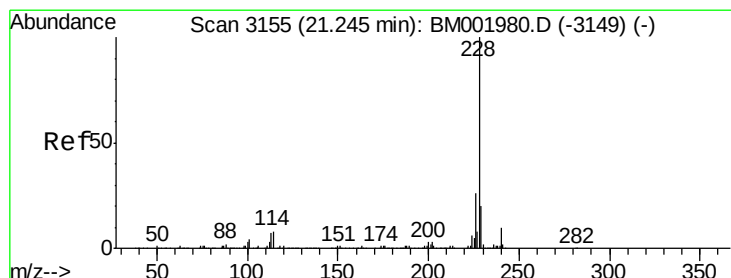
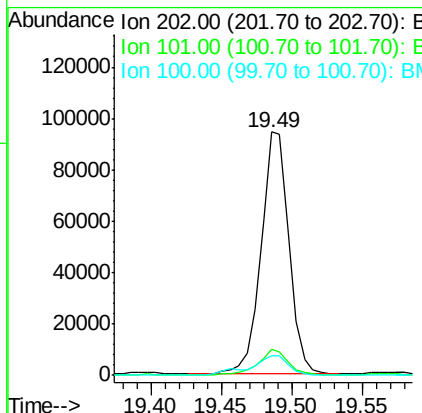
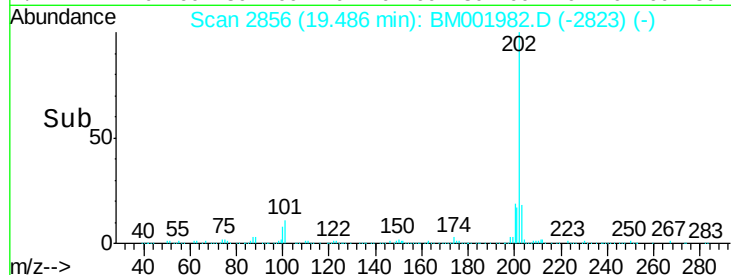
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	131507		
101	10.4	7.4	11.0	
100	8.2	5.9	8.9	

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#82

Benzo(a)anthracene

Concen: 2.26 ng/ul

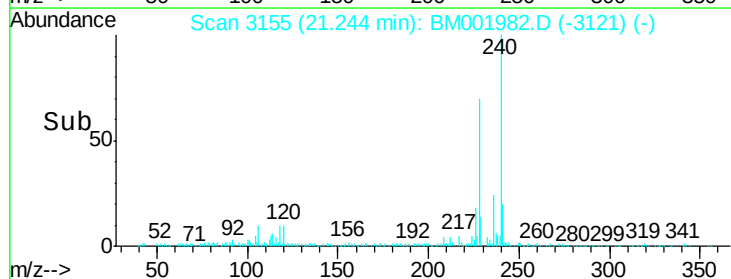
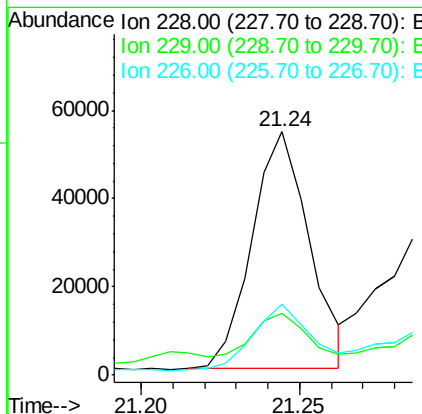
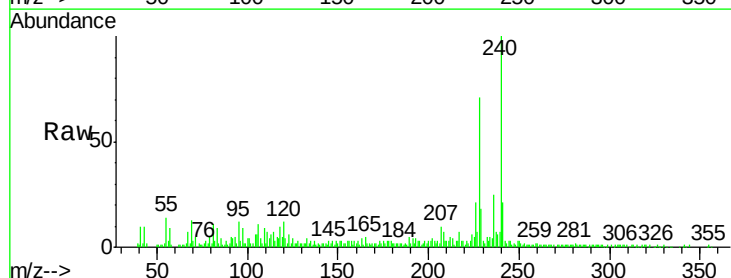
RT: 21.24 min Scan# 3155

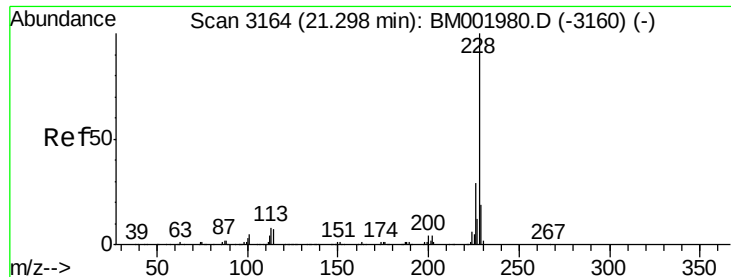
Delta R.T. -0.00 min

Lab File: BM001982.D

Acq: 20 Jul 2015 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	67233		
229	25.4	15.2	22.8#	
226	29.0	20.8	31.2	





#84

Chrysene

Concen: 3.11 ng/ul

RT: 21.30 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BM001982.D

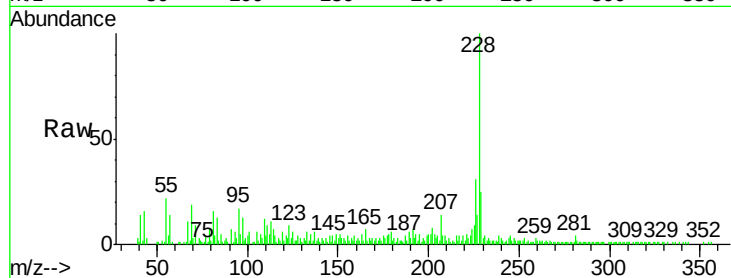
Acq: 20 Jul 2015 20:05

Instrument :

BNA_M

ClientSampled :

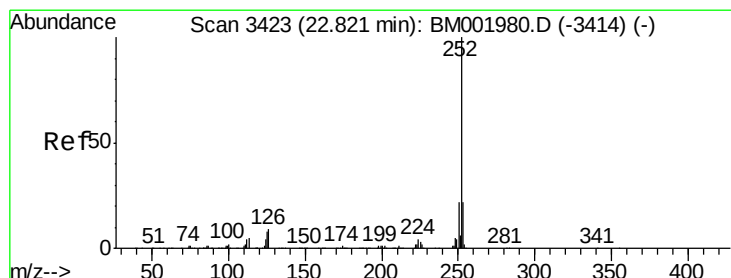
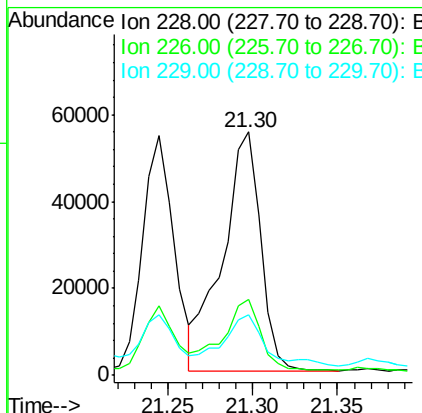
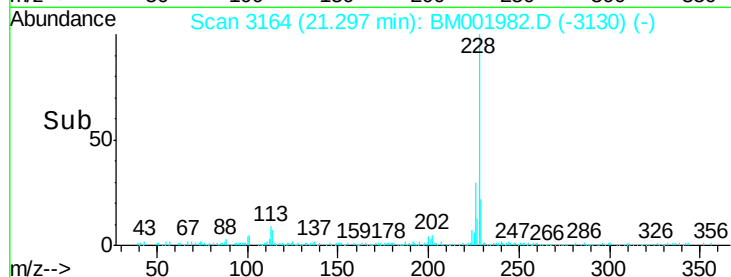
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Tgt Ion:	228	Resp:	86637
Ion Ratio	Lower	Upper	
228	100		
226	31.3	22.6	33.8
229	24.7	15.4	23.0#

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#87

Benzo(b)fluoranthene

Concen: 3.97 ng/ul

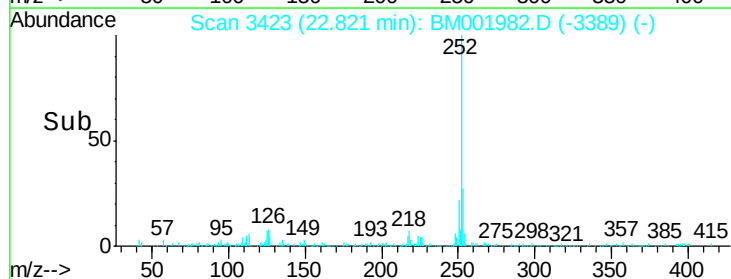
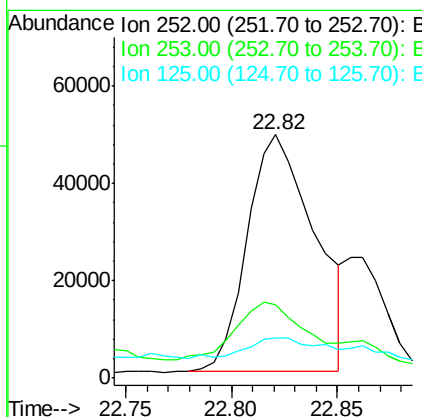
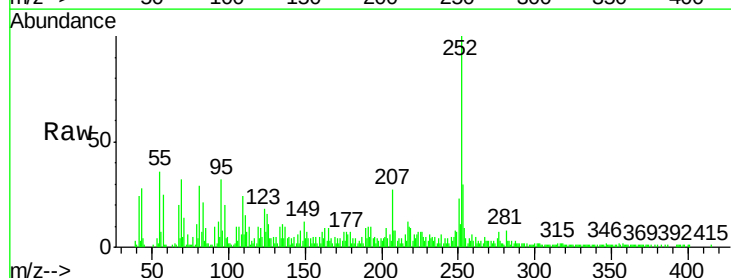
RT: 22.82 min Scan# 3423

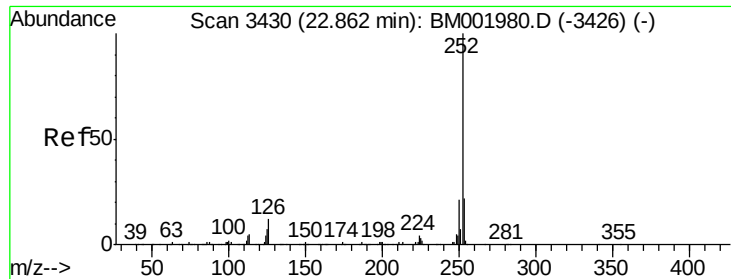
Delta R.T. -0.00 min

Lab File: BM001982.D

Acq: 20 Jul 2015 20:05

Tgt Ion:	252	Resp:	108082
Ion Ratio	Lower	Upper	
252	100		
253	30.3	17.6	26.4#
125	16.4	6.1	9.1#





#88

Benzo(k)fluoranthene

Concen: 1.31 ng/ul m

RT: 22.86 min Scan# 3430

Delta R.T. -0.00 min

Lab File: BM001982.D

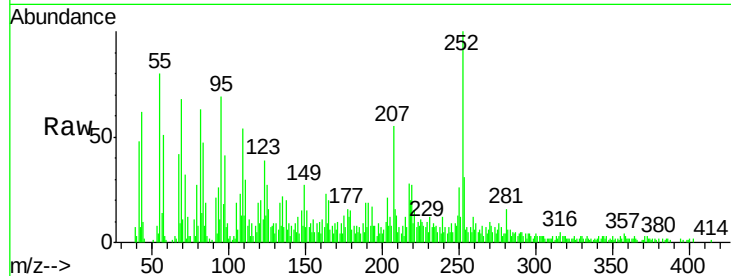
Acq: 20 Jul 2015 20:05

Instrument :

BNA_M

ClientSampled :

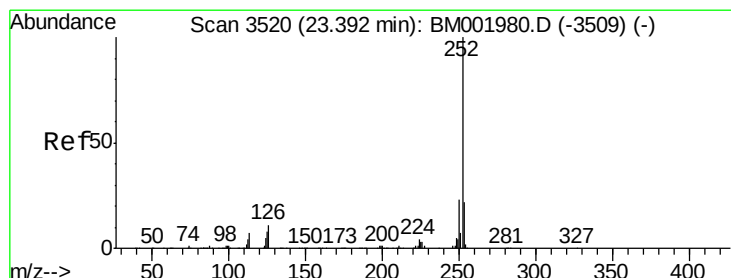
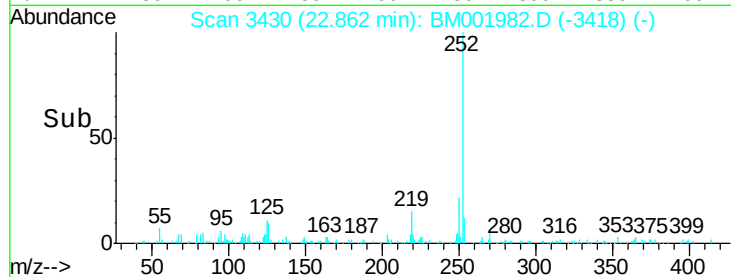
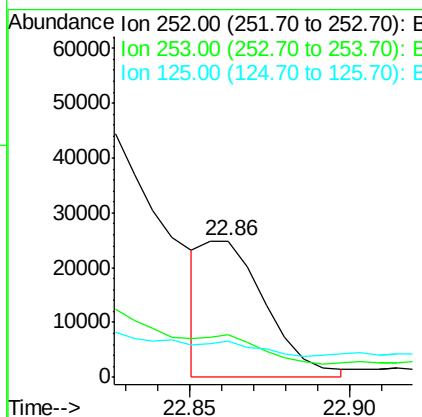
C02B0



Tgt Ion:	252	Resp:	34184
Ion Ratio	Lower	Upper	
252	100		
253	31.4	17.1	25.7#
125	26.7	5.6	8.4#

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#90

Benzo(a)pyrene

Concen: 2.62 ng/ul

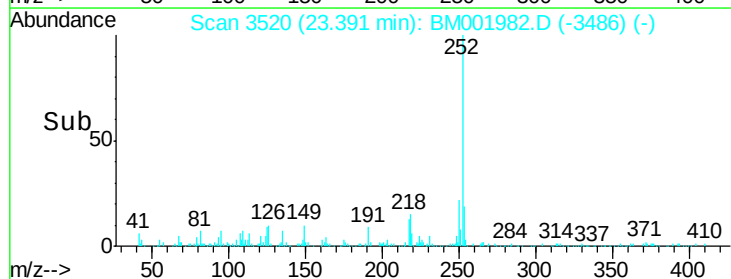
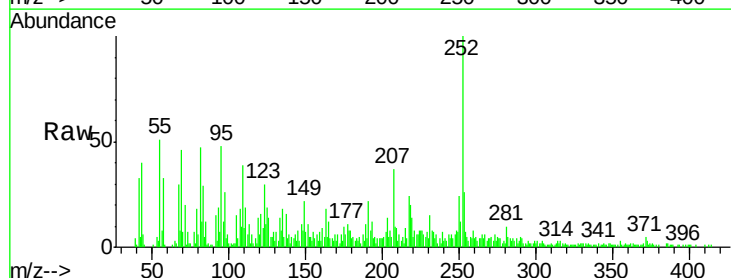
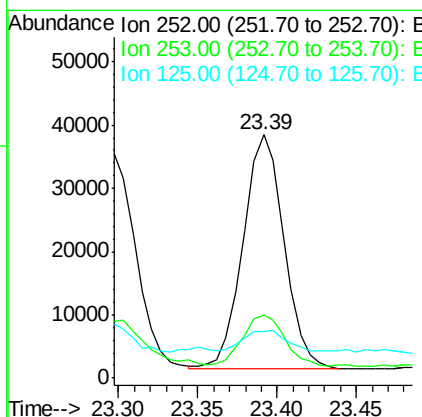
RT: 23.39 min Scan# 3520

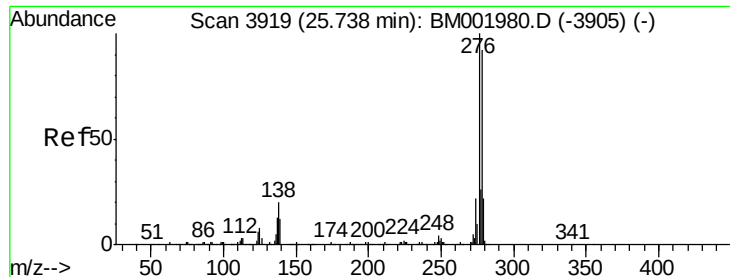
Delta R.T. -0.00 min

Lab File: BM001982.D

Acq: 20 Jul 2015 20:05

Tgt Ion:	252	Resp:	66993
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.4	26.2
125	19.2	6.4	9.6#





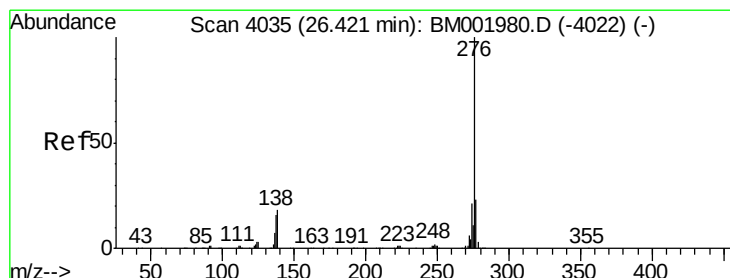
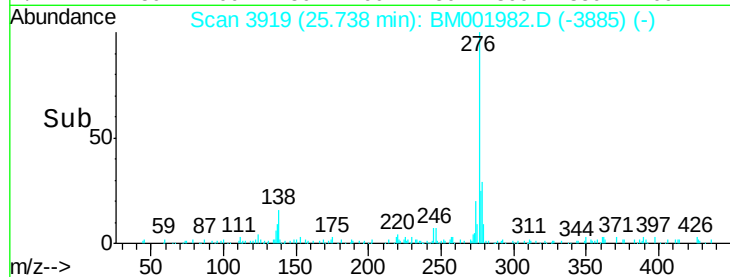
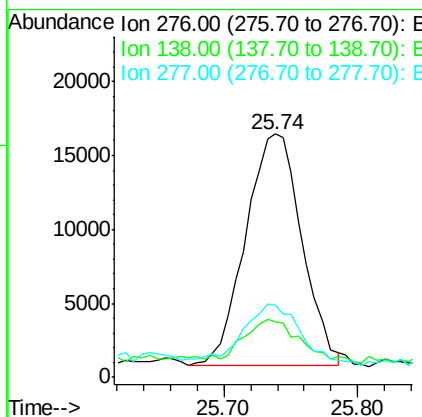
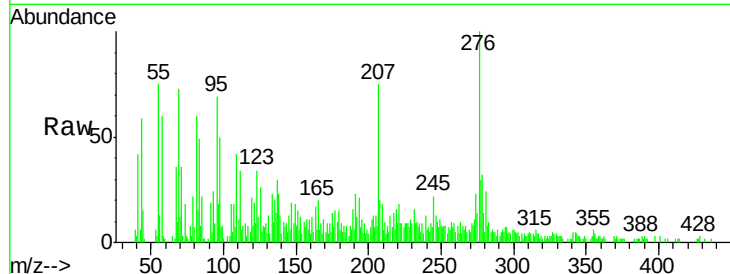
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 1.70 ng/ul
 RT: 25.74 min Scan# 3919
 Delta R.T. -0.00 min
 Lab File: BM001982.D
 Acq: 20 Jul 2015 20:05

Instrument :
 BNA_M
 ClientSampleId :
 C02B0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	15.4	23.0
277	29.7	19.9	29.9

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#93
 Benzo(g,h,i)perylene
 Concen: 2.03 ng/ul
 RT: 26.43 min Scan# 4036
 Delta R.T. 0.01 min
 Lab File: BM001982.D
 Acq: 20 Jul 2015 20:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	13.3	19.9#
277	27.9	18.6	27.8#

