

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
 Data File : BM001464.D
 Acq On : 30 May 2015 03:33
 Operator : TP/IZ
 Sample : G2411-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRD0

Manual Integrations
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Quant Time: May 30 04:38:28 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 30 02:30:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	164249	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	707776	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	400111	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	788468	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	700195	20.00	ng/ul	0.00
83) Perylene-d12	23.12	264	641674	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.81	96	11072	3.36	ng/uL	0.00
5) Phenol-d5	6.59	99	280083	22.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	166620	21.99	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	235013	23.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	234493	22.87	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	111636	24.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	132000	25.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	244193	23.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	208207	16.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	661110	23.56	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	919513	24.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	111812	19.55	ng/ul	0.00
57) Fluorene-d10	15.07	176	617938	22.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	45306	9.34	ng/ul	0.00
70) Anthracene-d10	16.92	188	866937	23.85	ng/ul	0.00
76) Pyrene-d10	19.23	212	854333	28.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	684720	24.13	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.54	163	178664	5.64	ng/ul	98
69) Phenanthrene	16.86	178	118985	2.71	ng/ul	99
74) Fluoranthene	18.89	202	295932	5.56	ng/ul	100
77) Pyrene	19.26	202	258571	6.18	ng/ul	98
80) Benzo(a)anthracene	21.01	228	132627	3.24	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	20.96	149	308413	11.81	ng/ul	100
82) Chrysene	21.06	228	138672	3.60	ng/ul	98
85) Benzo(b)fluoranthene	22.50	252	177545	4.52	ng/ul#	94
86) Benzo(k)fluoranthene	22.54	252	62827m	1.67	ng/ul	
88) Benzo(a)pyrene	23.03	252	117355	3.18	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.17	276	80823	2.08	ng/ul#	91
91) Benzo(g,h,i)perylene	25.80	276	78493	2.45	ng/ul	95

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

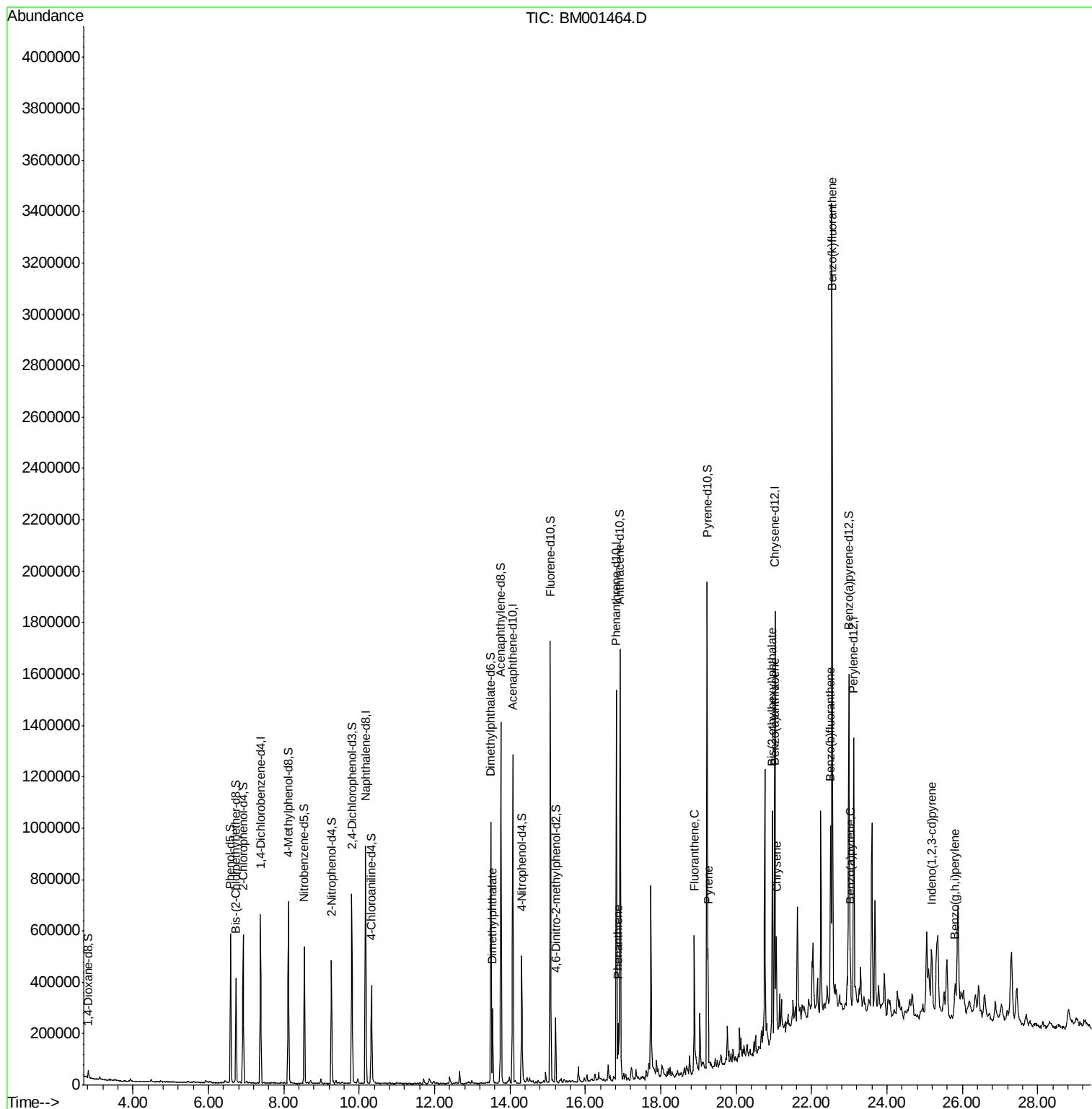
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001464.D
Acq On : 30 May 2015 03:33
Operator : TP/IZ
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ALS Vial : 23 Sample Multiplier: 1

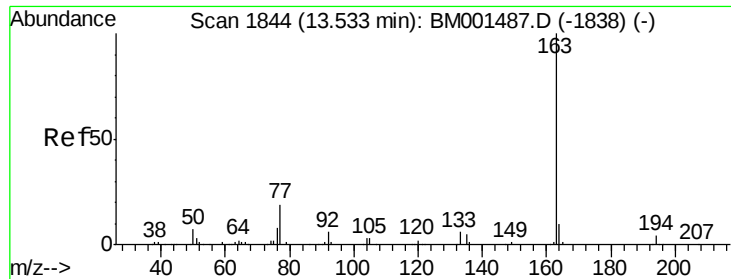
Instrument :
BNA_M
ClientSampleId :
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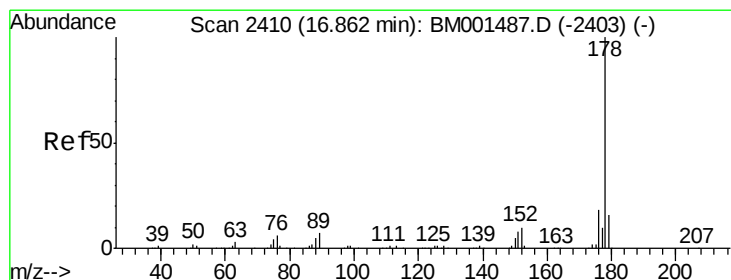
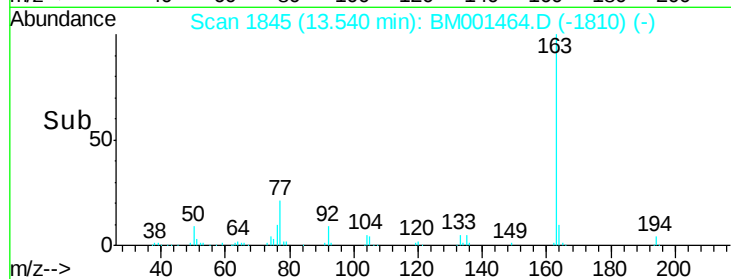
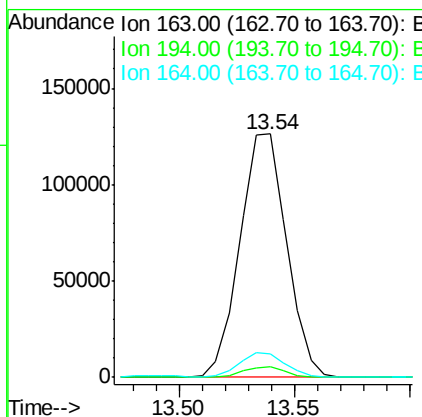
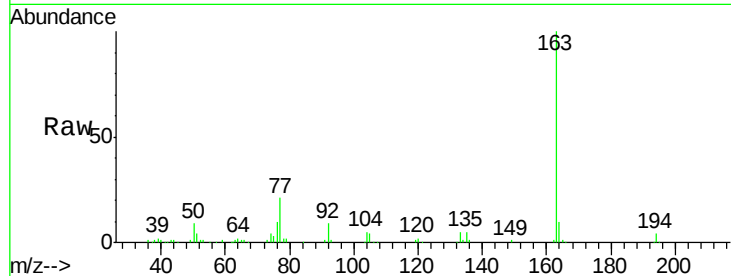
#44
Dimethylphthalate
Concen: 5.64 ng/ul
RT: 13.54 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BM001464.D
Acq: 30 May 2015 03:33

Instrument :
BNA_M
ClientSampleId :
BCRD0

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	178664		
194	4.3	3.0	4.6	
164	9.5	8.2	12.4	

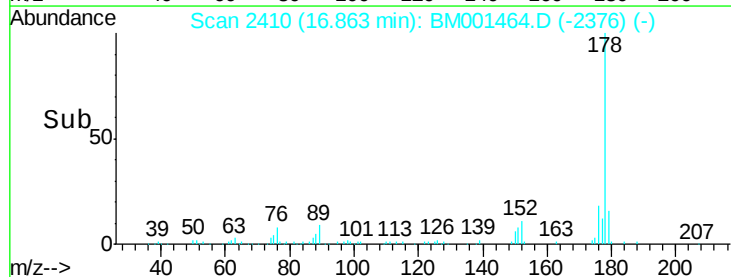
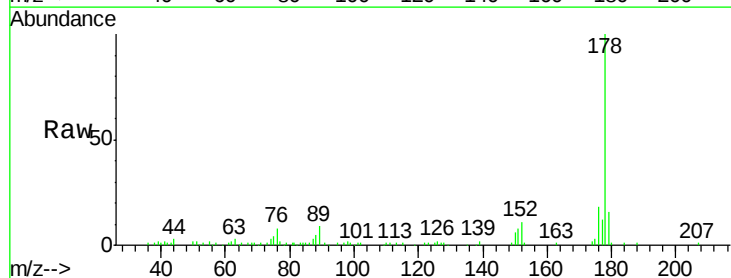
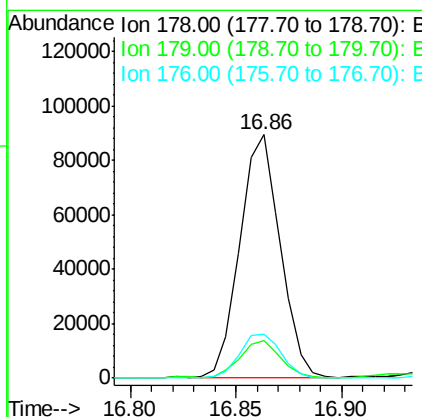
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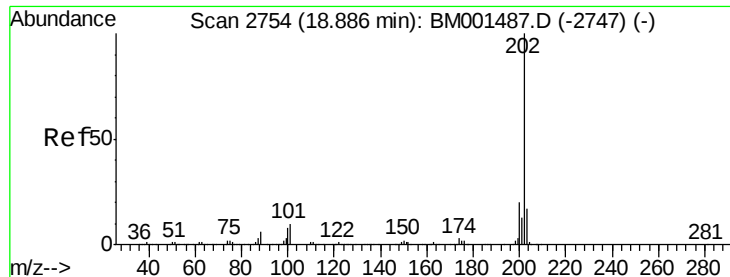
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#69
Phenanthrene
Concen: 2.71 ng/ul
RT: 16.86 min Scan# 2410
Delta R.T. 0.00 min
Lab File: BM001464.D
Acq: 30 May 2015 03:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	118985		
179	15.6	11.9	17.9	
176	18.2	15.0	22.4	





#74

Fluoranthene

Concen: 5.56 ng/ul

RT: 18.89 min Scan# 2755

Delta R.T. 0.01 min

Lab File: BM001464.D

Acq: 30 May 2015 03:33

Instrument :

BNA_M

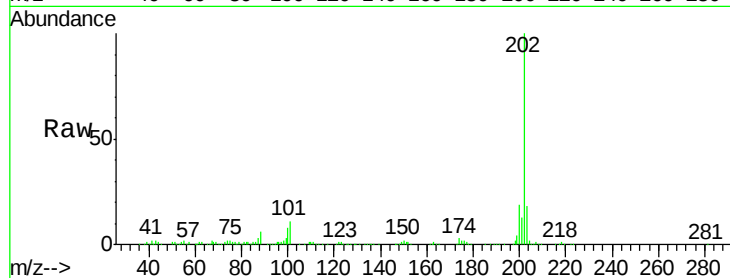
ClientSampleID :

BCRD0

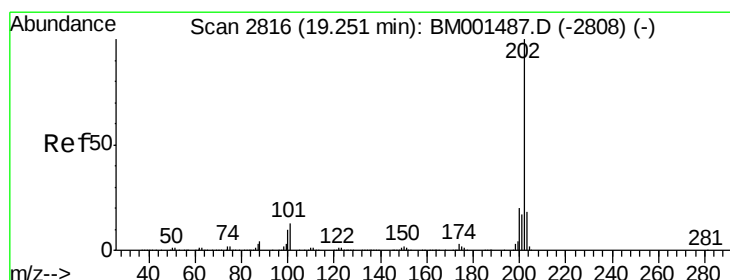
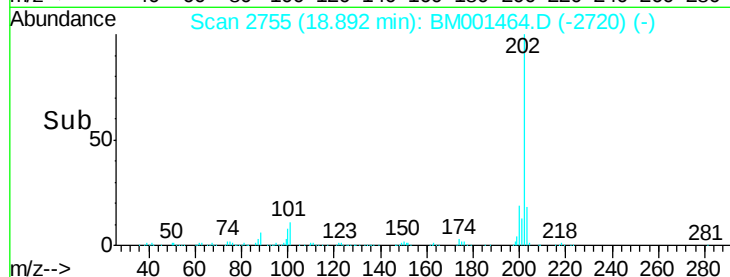
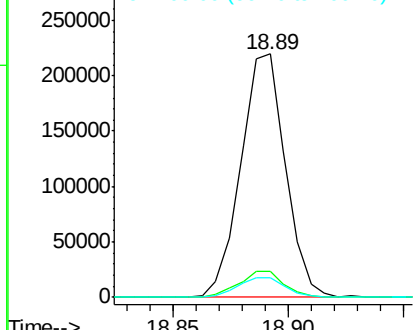
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		295932		
101	10.8	8.6	12.8		
100	8.2	6.5	9.7		

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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: 6.18 ng/ul

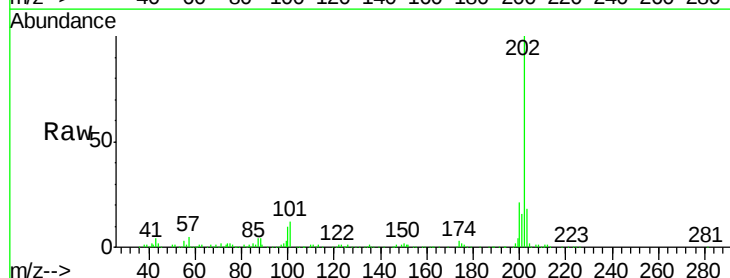
RT: 19.26 min Scan# 2817

Delta R.T. 0.01 min

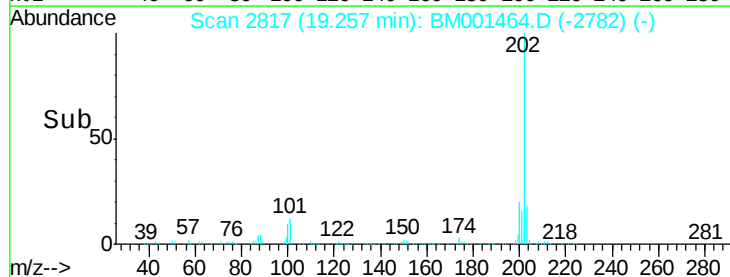
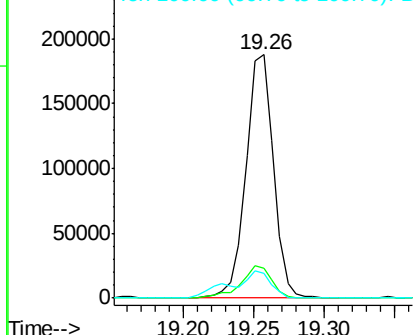
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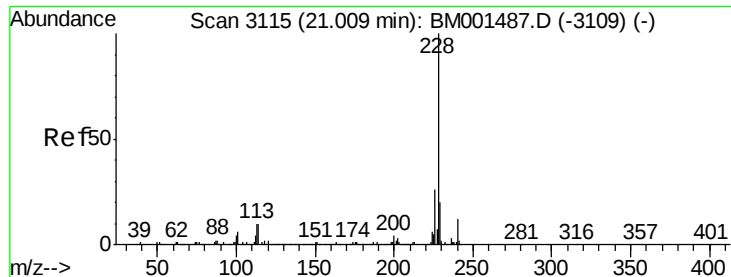
Acq: 30 May 2015 03:33

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		258571		
101	12.0	10.3	15.5		
100	10.4	8.6	12.8		



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





#80

Benzo(a)anthracene

Concen: 3.24 ng/ul

RT: 21.01 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM001464.D

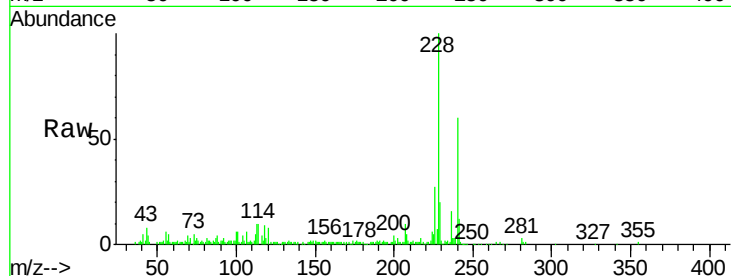
Acq: 30 May 2015 03:33

Instrument :

BNA_M

ClientSampled :

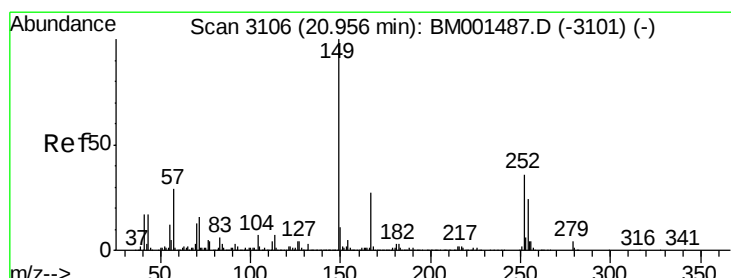
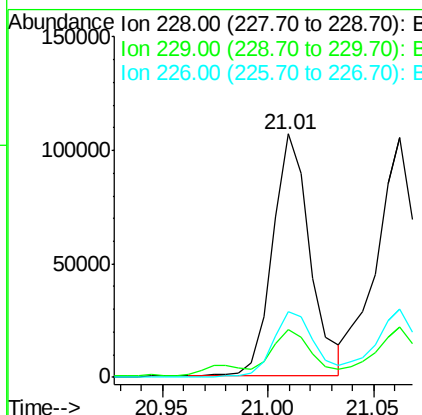
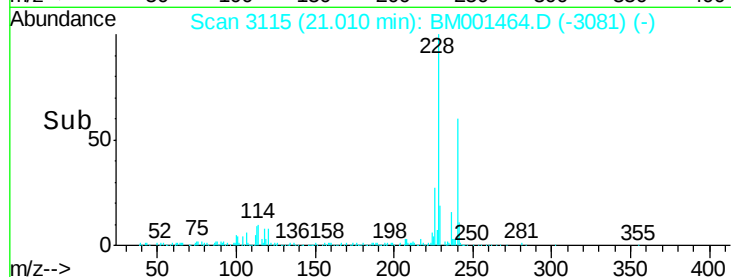
BCRD0



Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.8
226	27.0	20.6	30.8

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#81

Bis(2-ethylhexyl)phthalate

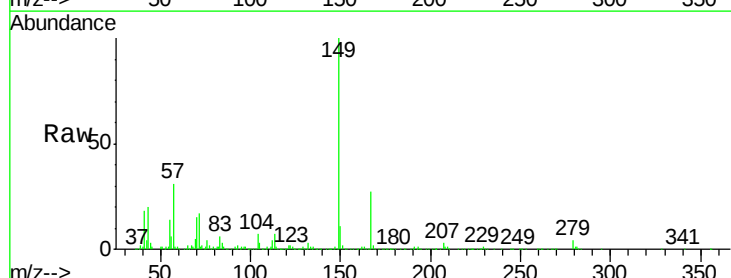
Concen: 11.81 ng/ul

RT: 20.96 min Scan# 3107

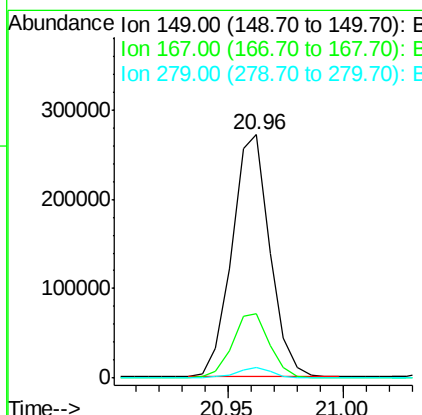
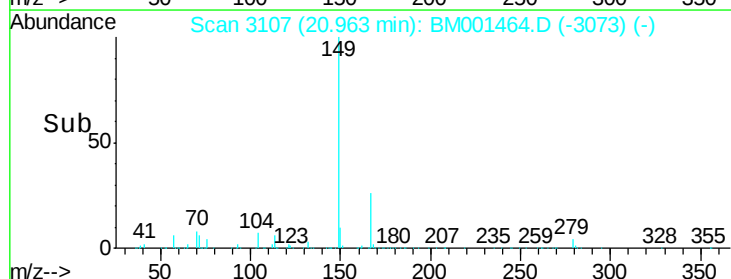
Delta R.T. 0.00 min

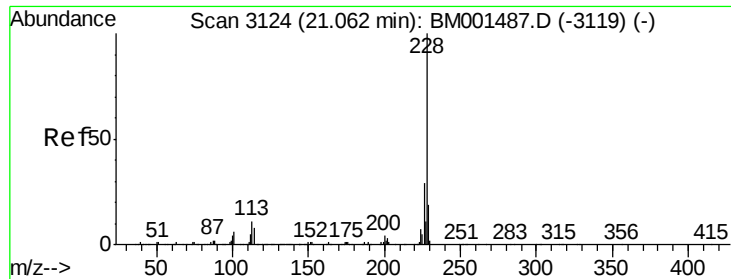
Lab File: BM001464.D

Acq: 30 May 2015 03:33



Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.2	31.8
279	4.1	3.1	4.7





#82

Chrysene

Concen: 3.60 ng/ul

RT: 21.06 min Scan# 3124

Delta R.T. 0.00 min

Lab File: BM001464.D

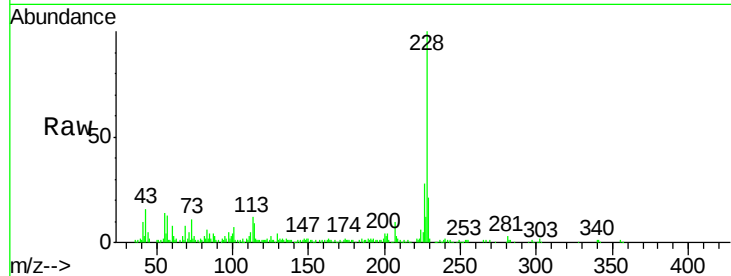
Acq: 30 May 2015 03:33

Instrument :

BNA_M

ClientSampled :

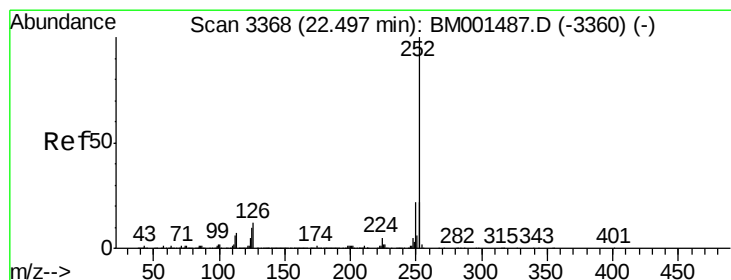
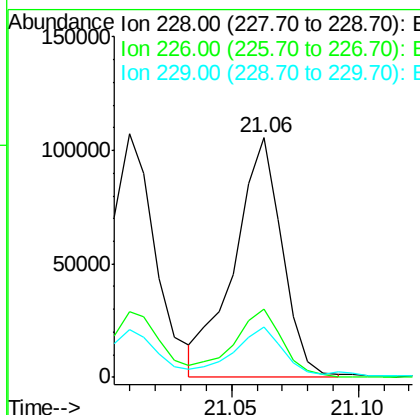
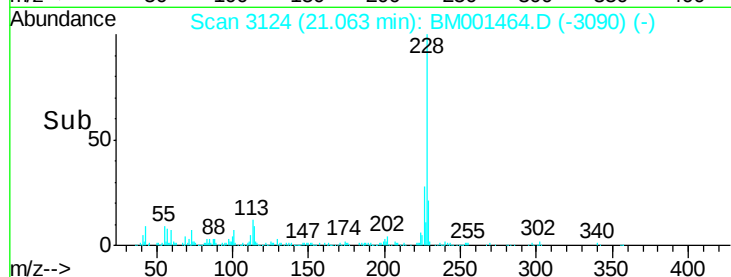
BCRD0



Tgt Ion:	228	Resp:	138672
Ion Ratio	Lower	Upper	
228	100		
226	28.2	23.0	34.4
229	21.1	15.7	23.5

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#85

Benzo(b)fluoranthene

Concen: 4.52 ng/ul

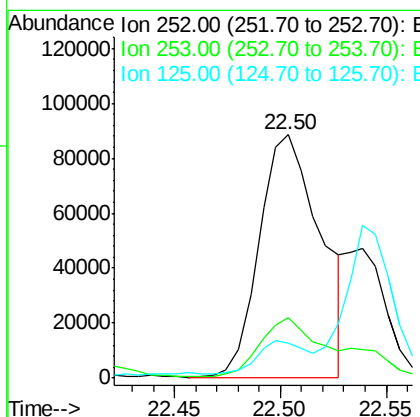
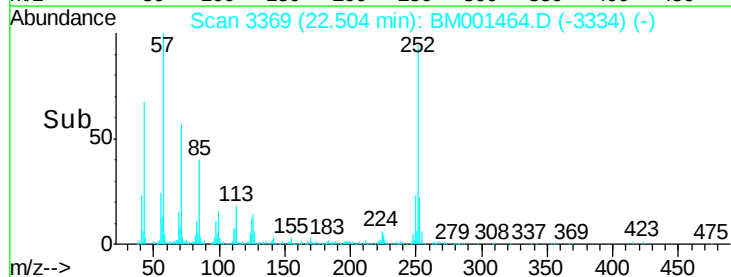
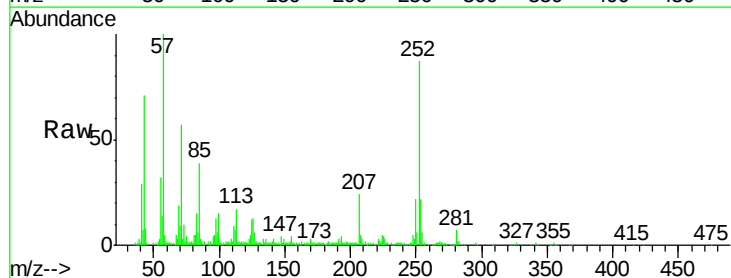
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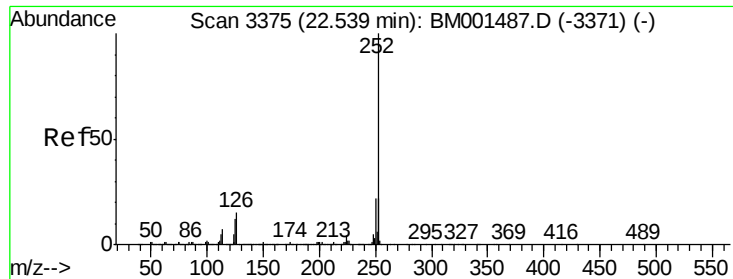
Delta R.T. 0.01 min

Lab File: BM001464.D

Acq: 30 May 2015 03:33

Tgt Ion:	252	Resp:	177545
Ion Ratio	Lower	Upper	
252	100		
253	24.8	18.0	27.0
125	14.1	8.6	12.8#





#86

Benzo(k)fluoranthene

Concen: 1.67 ng/ul m

RT: 22.54 min Scan# 3375

Delta R.T. 0.00 min

Lab File: BM001464.D

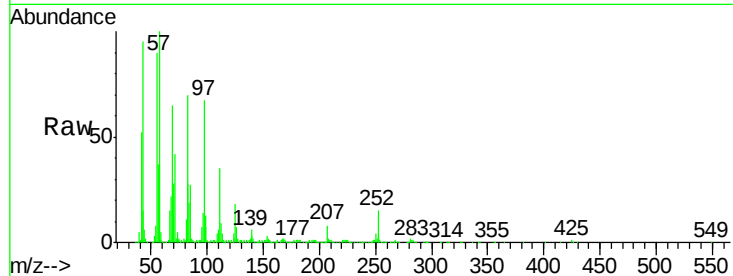
Acq: 30 May 2015 03:33

Instrument :

BNA_M

ClientSampleId :

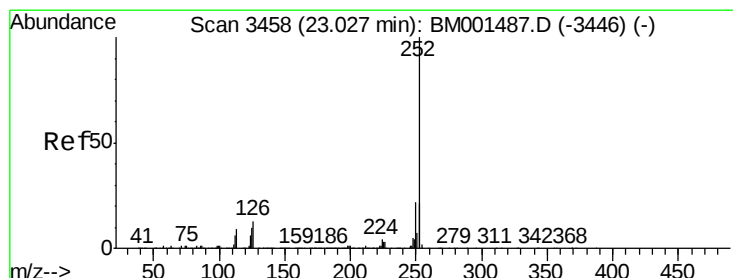
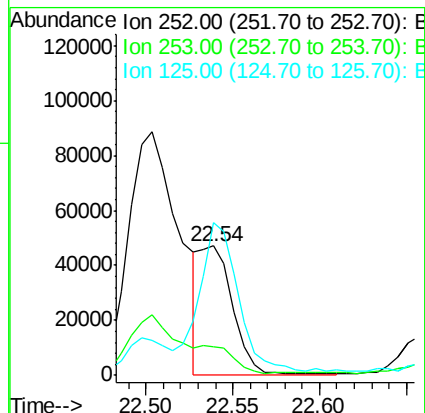
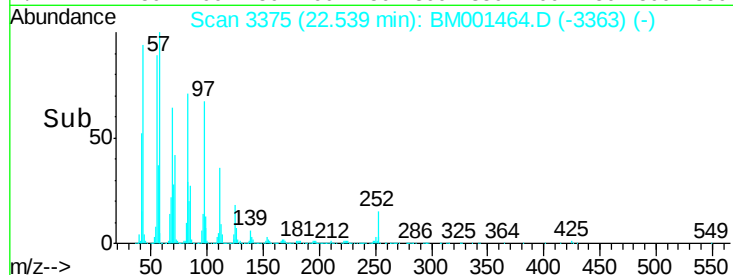
BCRD0



Tgt Ion:	252	Resp:	62827
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.0
125	118.0	8.6	13.0#

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#88

Benzo(a)pyrene

Concen: 3.18 ng/ul

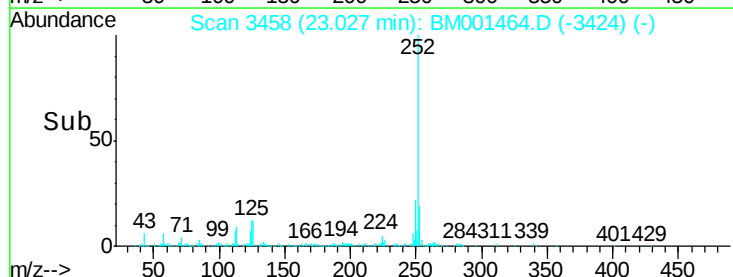
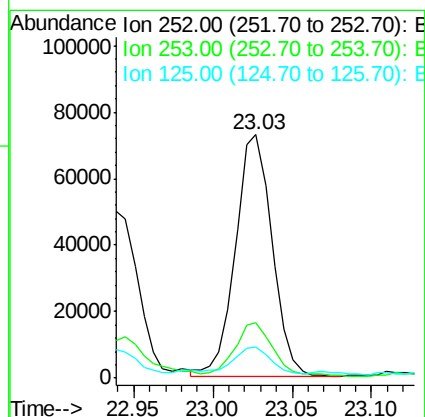
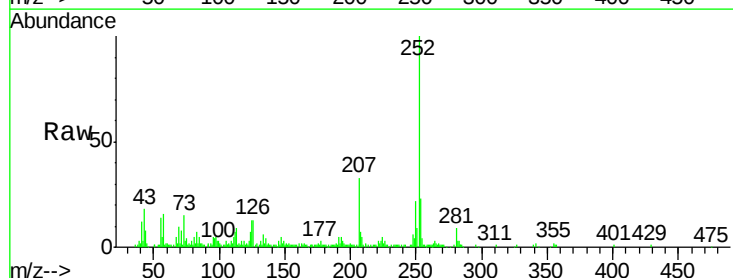
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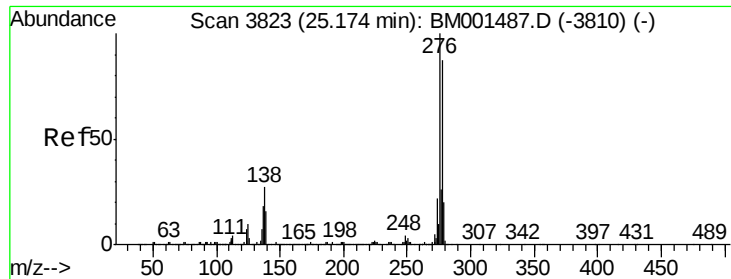
Delta R.T. 0.00 min

Lab File: BM001464.D

Acq: 30 May 2015 03:33

Tgt Ion:	252	Resp:	117355
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.0	25.4
125	12.7	8.8	13.2





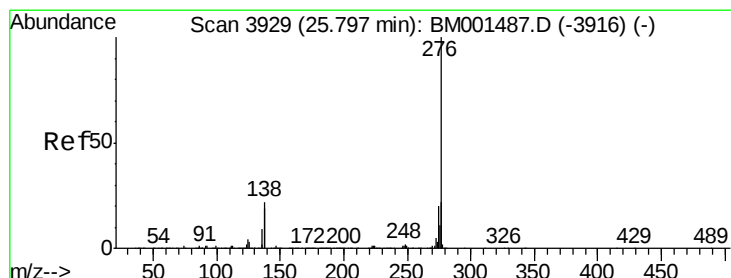
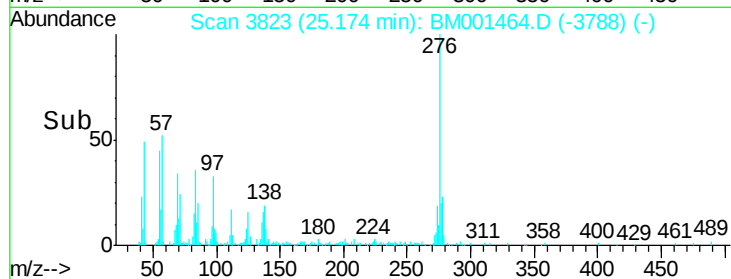
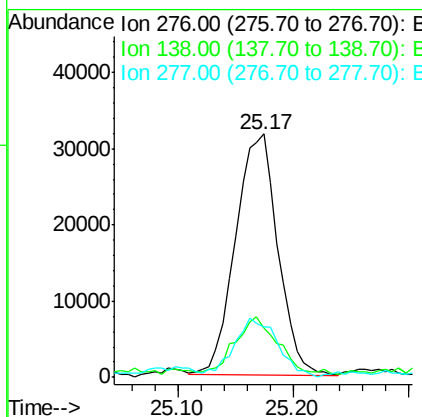
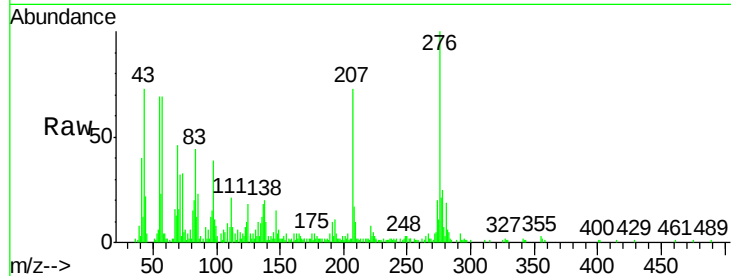
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 2.08 ng/ul
 RT: 25.17 min Scan# 3823
 Delta R.T. 0.01 min
 Lab File: BM001464.D
 Acq: 30 May 2015 03:33

Instrument :
 BNA_M
 ClientSampleId :
 BCRD0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	20.6	31.0#
277	20.7	19.2	28.8

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#91
 Benzo(g,h,i)perylene
 Concen: 2.45 ng/ul
 RT: 25.80 min Scan# 3930
 Delta R.T. 0.01 min
 Lab File: BM001464.D
 Acq: 30 May 2015 03:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.5	17.9	26.9
277	21.9	19.7	29.5

