

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
 Data File : BM002776.D
 Acq On : 30 Sep 2015 09:36
 Operator : UM/IZ
 Sample : G3838-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5MW5

Manual Integrations
 APPROVED

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 9/30/2015 4:40:01 PM

Quant Time: Sep 30 10:55:31 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 30 06:48:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	105633	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	428727	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.29	164	198928	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.00	188	377144	20.00	ng/ul	0.00
78) Chrysene-d12	22.09	240	401563	20.00	ng/ul	0.00
86) Perylene-d12	24.68	264	418505	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.77	96	10965	4.82	ng/uL	0.00
5) Phenol-d5	7.82	99	229382	28.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	133590	29.67	ng/ul	0.00
9) 2-Chlorophenol-d4	8.22	132	210195	28.21	ng/ul	0.00
13) 4-Methylphenol-d8	9.40	113	191438	29.01	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	99191	30.34	ng/ul	0.00
22) 2-Nitrophenol-d4	10.62	143	103189	30.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.16	165	168571	27.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.68	131	255867	35.25	ng/ul	0.00
44) Dimethylphthalate-d6	14.67	166	468086	31.28	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	617166	30.90	ng/ul	0.00
52) 4-Nitrophenol-d4	15.46	143	77542	29.18	ng/ul	0.00
58) Fluorene-d10	16.27	176	396371	29.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.39	200	34544	18.78	ng/ul	0.00
71) Anthracene-d10	18.10	188	560824	31.16	ng/ul	0.00
79) Pyrene-d10	20.33	212	585905	31.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.51	264	688850	32.18	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	14.72	163	189026	12.42	ng/ul	100
77) Fluoranthene	20.00	202	39150	1.74	ng/ul	98
80) Pyrene	20.36	202	39081	1.53	ng/ul	98
83) Benzo(a)anthracene	22.07	228	55835	2.34	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.92	149	25756	1.49	ng/ul	99
85) Chrysene	22.13	228	69804	3.10	ng/ul	97
88) Benzo(b)fluoranthene	23.88	252	101396	4.03	ng/ul	99
89) Benzo(k)fluoranthene	23.93	252	26945m	1.13	ng/ul	
91) Benzo(a)pyrene	24.57	252	71470	2.96	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	27.40	276	56313	2.00	ng/ul#	91
94) Benzo(g,h,i)perylene	28.25	276	52614	2.22	ng/ul	97

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

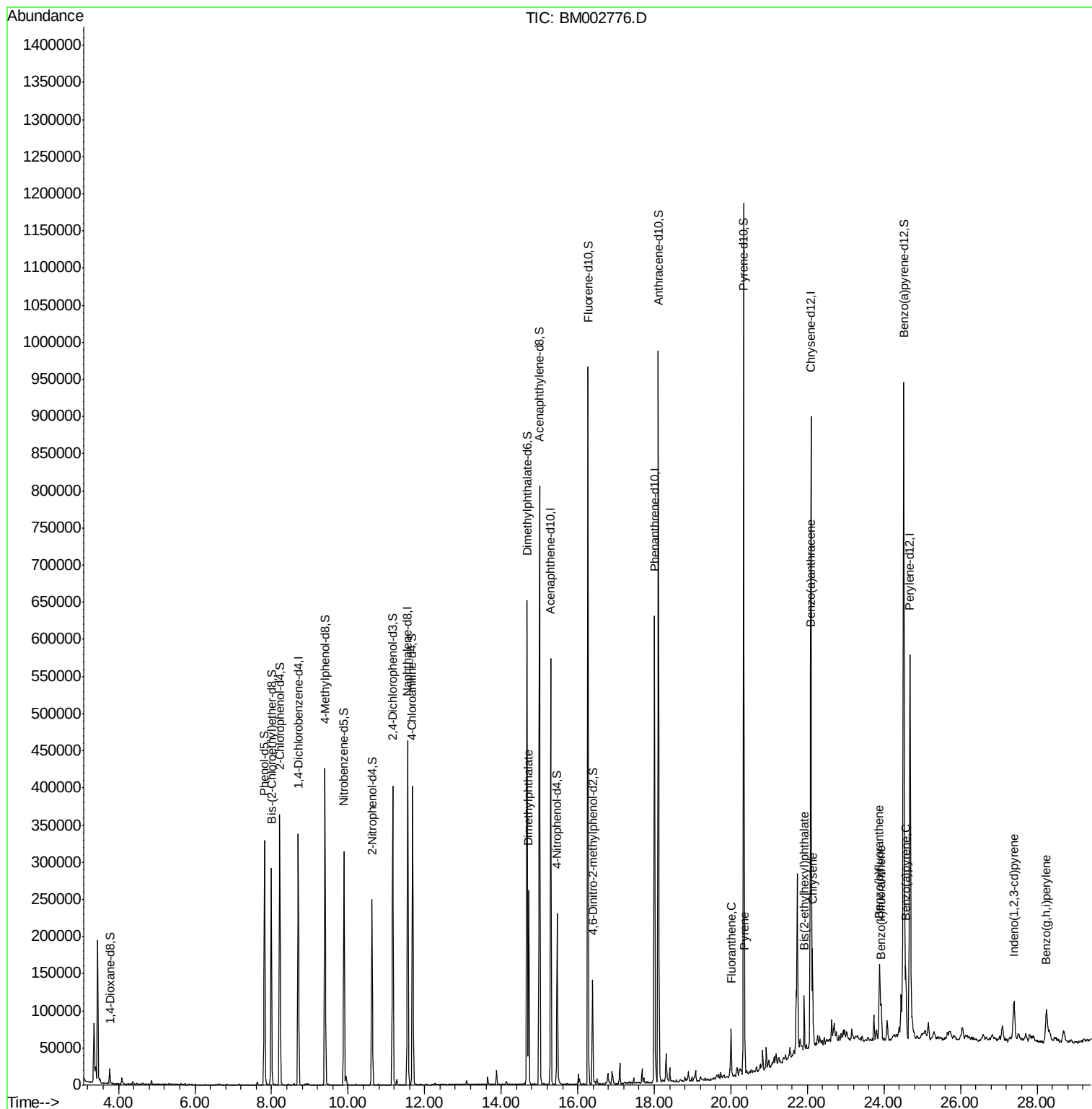
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002776.D
Acq On : 30 Sep 2015 09:36
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ALS Vial : 22 Sample Multiplier: 1

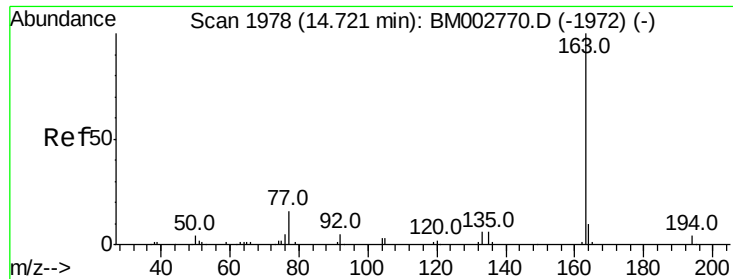
Instrument :
BNA_M
ClientSampleId :
E5MW5

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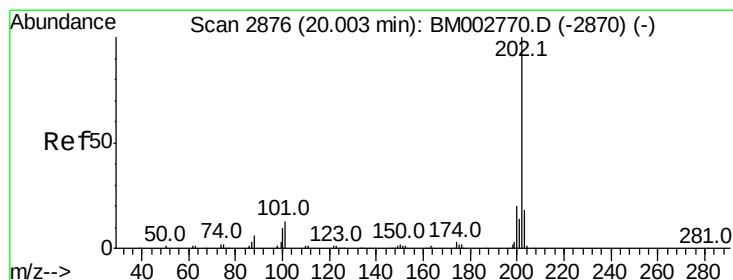
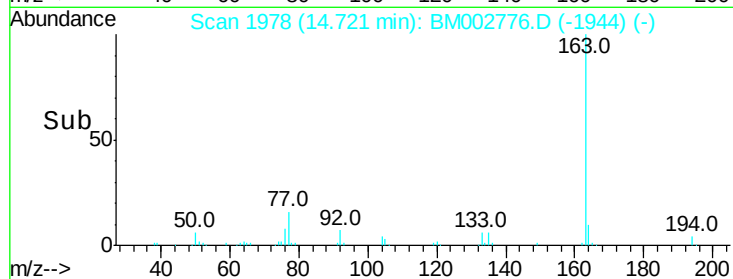
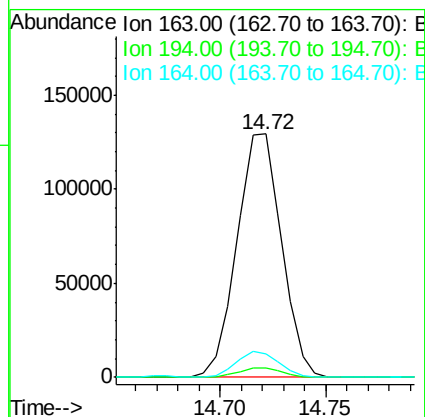
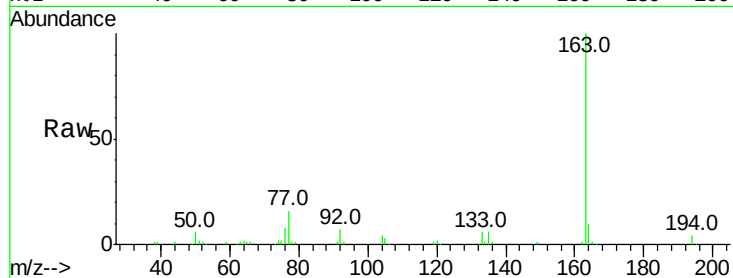
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Dimethylphthalate
Concen: 12.42 ng/ul
RT: 14.72 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM002776.D
Acq: 30 Sep 2015 09:36

Instrument :
BNA_M
ClientSampleId :
E5MW5

Tot Ion:	163	Resp:	189026
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	9.9	8.1	12.1

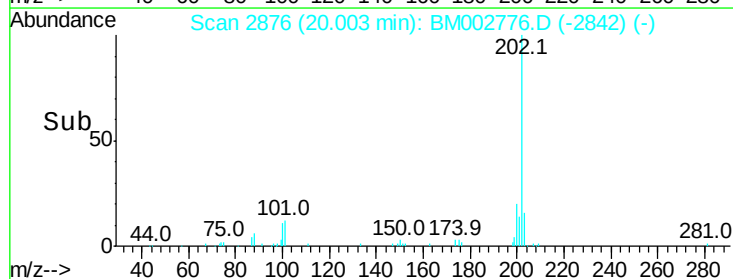
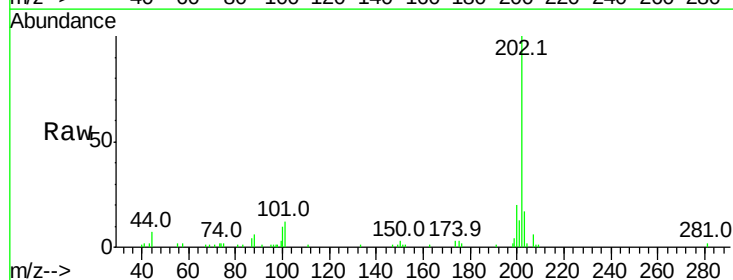
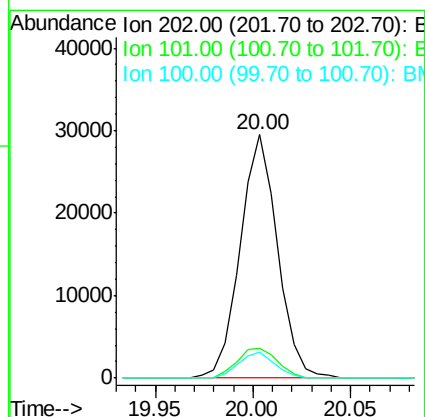
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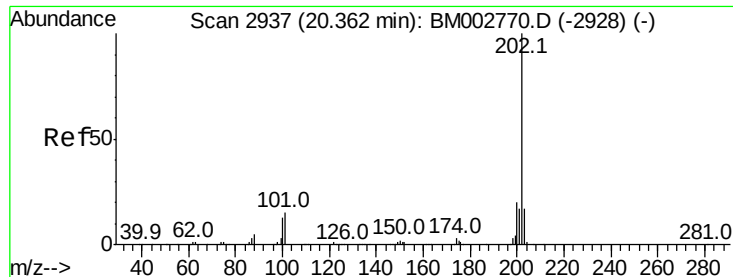
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#77
Fluoranthene
Concen: 1.74 ng/ul
RT: 20.00 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BM002776.D
Acq: 30 Sep 2015 09:36

Tgt Ion:	202	Resp:	39150
Ion Ratio	Lower	Upper	
202	100		
101	12.1	11.0	16.4
100	10.5	8.3	12.5





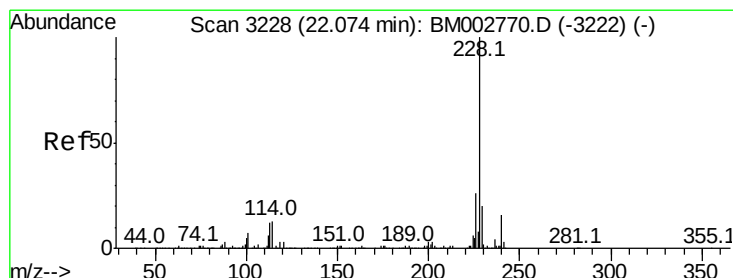
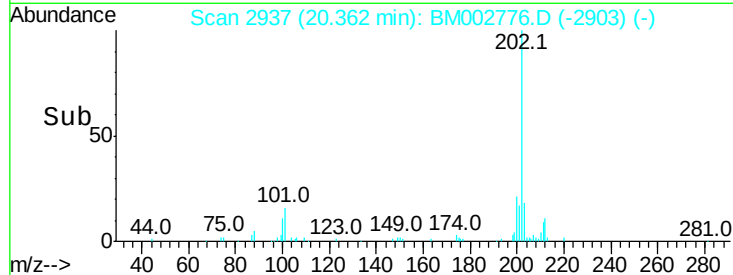
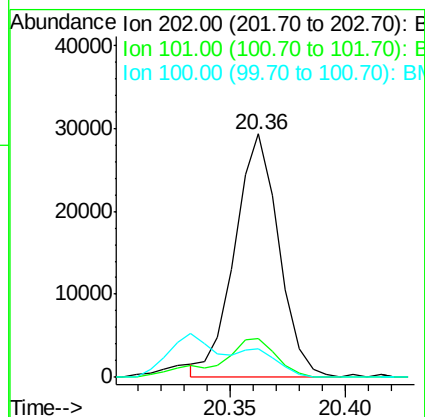
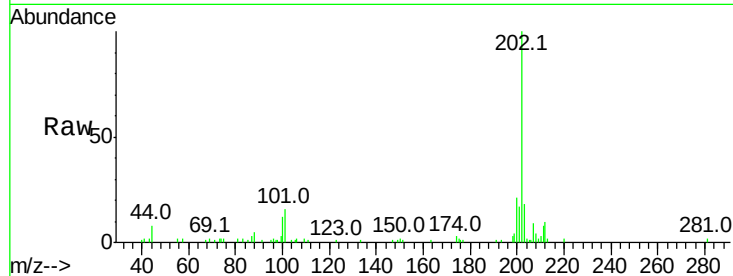
#80
Pvrene
Concen: 1.53 ng/ul
RT: 20.36 min Scan# 2937
Delta R.T. -0.00 min
Lab File: BM002776.D
Acq: 30 Sep 2015 09:36

Instrument :
BNA_M
ClientSampleId :
E5MW5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		39081		
101	15.9	12.1	18.1		
100	11.7	10.2	15.4		

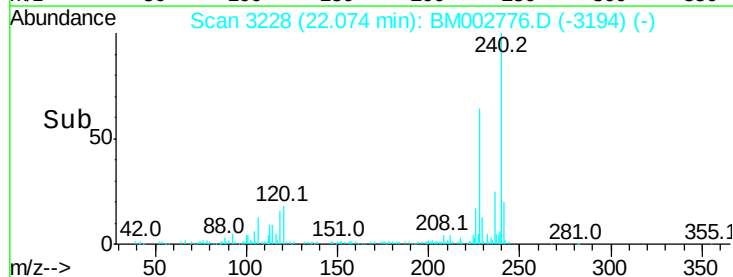
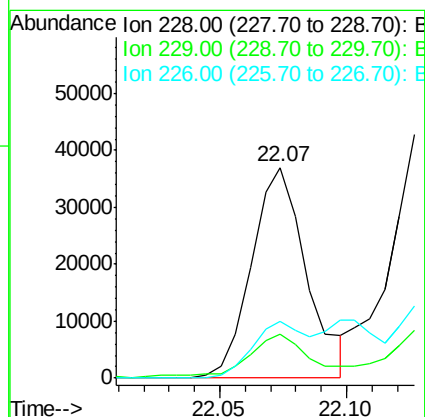
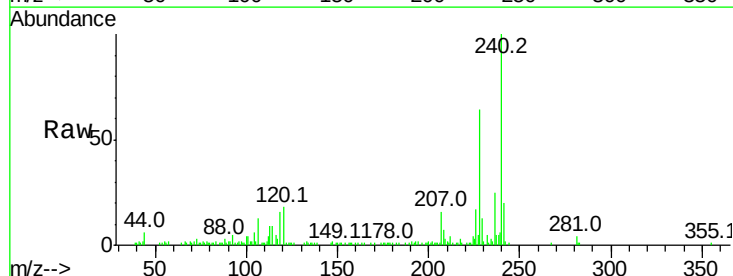
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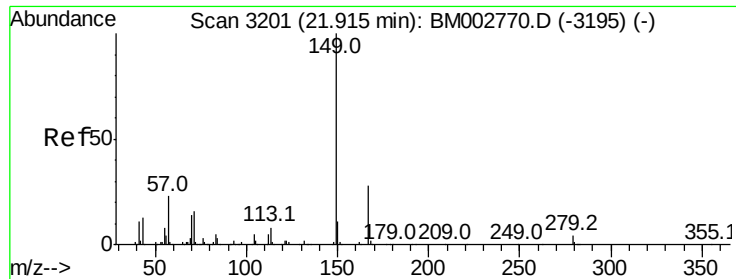
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#83
Benzo(a)anthracene
Concen: 2.34 ng/ul
RT: 22.07 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BM002776.D
Acq: 30 Sep 2015 09:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		55835		
229	20.6	16.1	24.1		
226	26.7	20.9	31.3		





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.49 ng/ul

RT: 21.92 min Scan# 3201

Delta R.T. -0.00 min

Lab File: BM002776.D

Acq: 30 Sep 2015 09:36

Instrument :

BNA_M

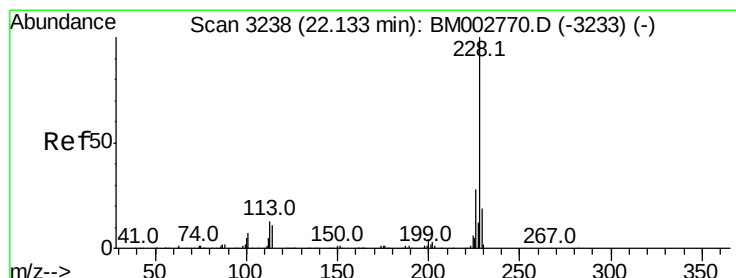
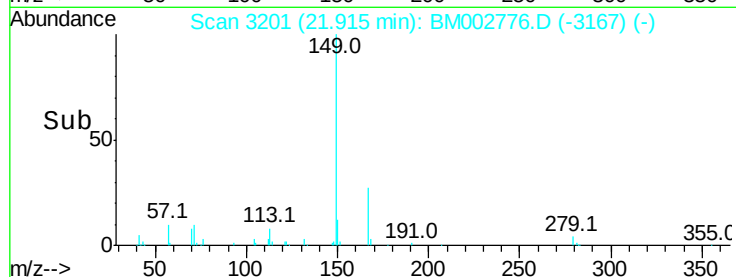
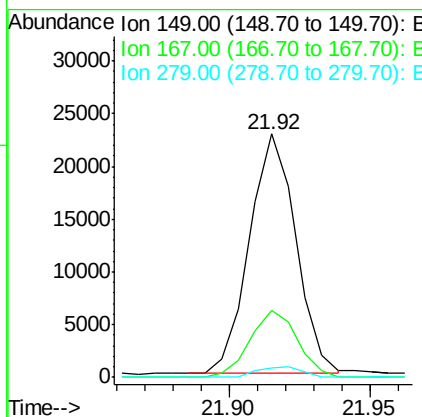
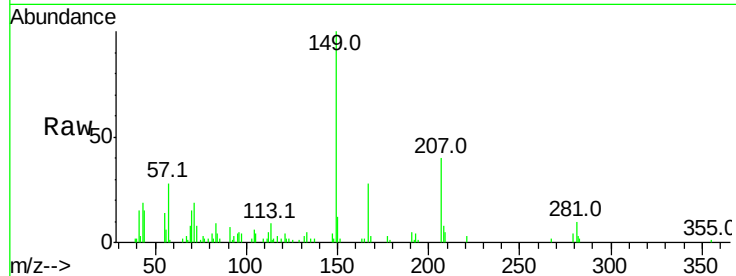
ClientSampleId :

E5MW5

Tot Ion:	149	Resp:	25756
Ion Ratio	Lower	Upper	
149	100		
167	27.6	21.7	32.5
279	4.0	3.0	4.6

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#85

Chrysene

Concen: 3.10 ng/ul

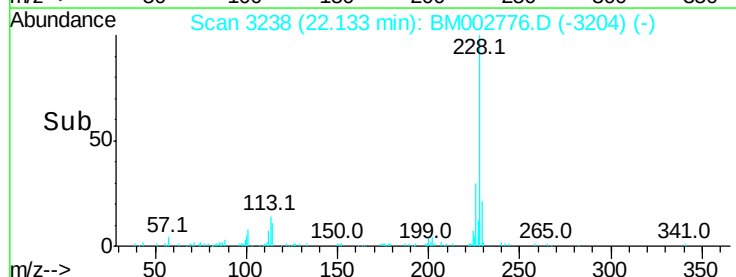
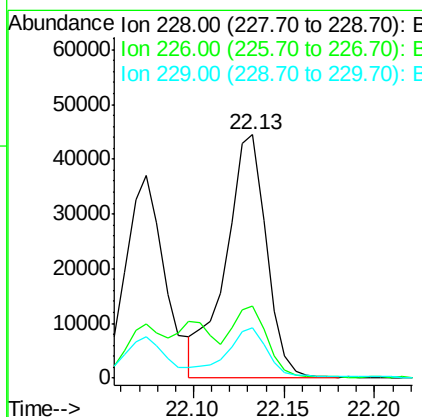
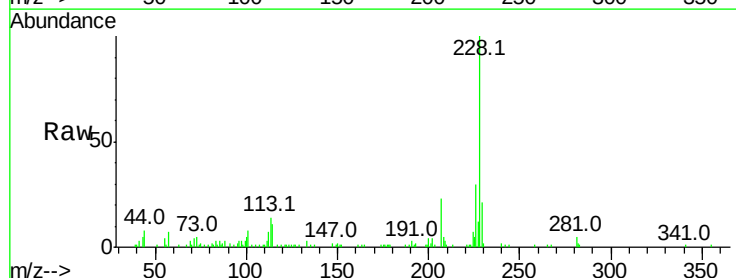
RT: 22.13 min Scan# 3238

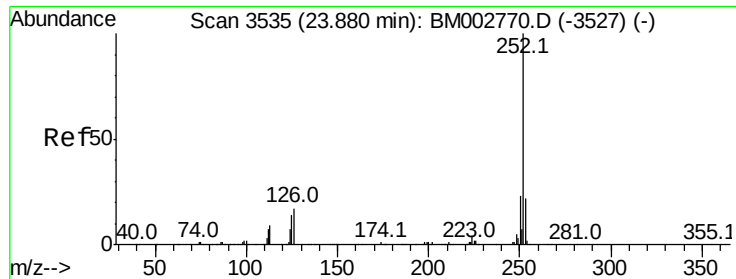
Delta R.T. -0.00 min

Lab File: BM002776.D

Acq: 30 Sep 2015 09:36

Tgt Ion:	228	Resp:	69804
Ion Ratio	Lower	Upper	
228	100		
226	29.6	22.4	33.6
229	20.7	15.4	23.2





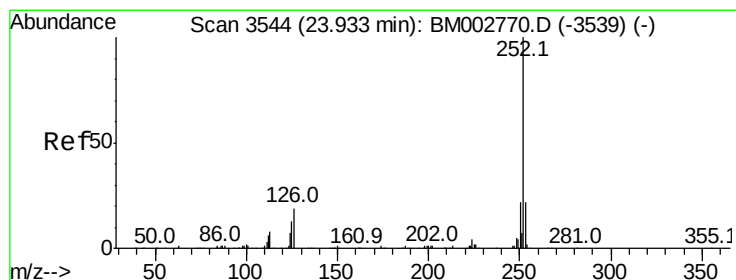
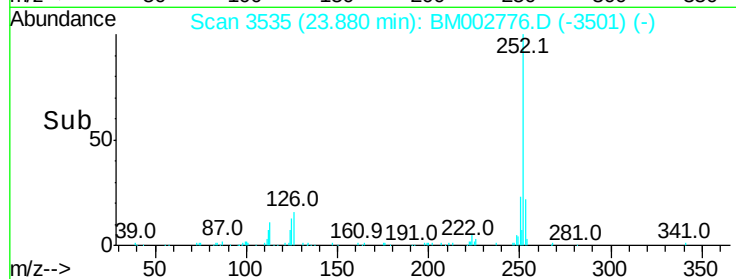
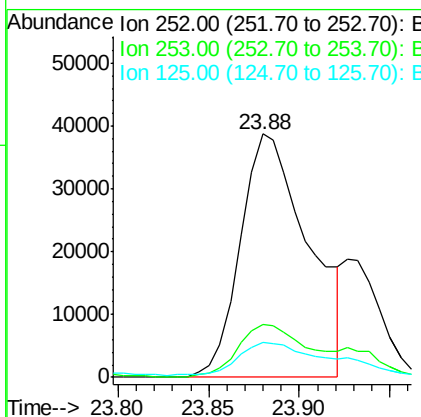
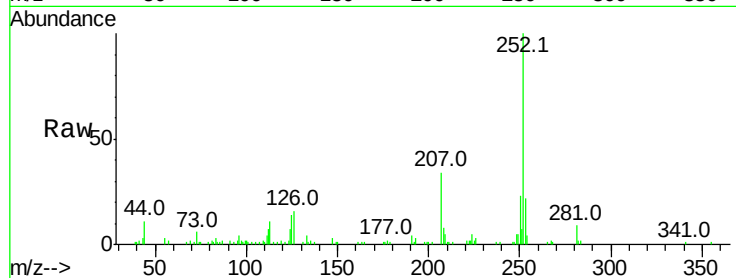
#88
Benzo(b)fluoranthene
Concen: 4.03 ng/ul
RT: 23.88 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BM002776.D
Acq: 30 Sep 2015 09:36

Instrument :
BNA_M
ClientSampleId :
E5MW5

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	14.2	10.6	15.8

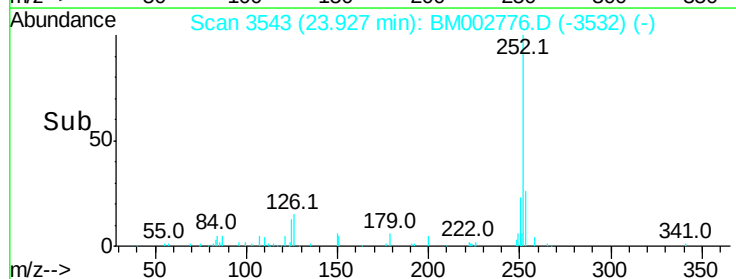
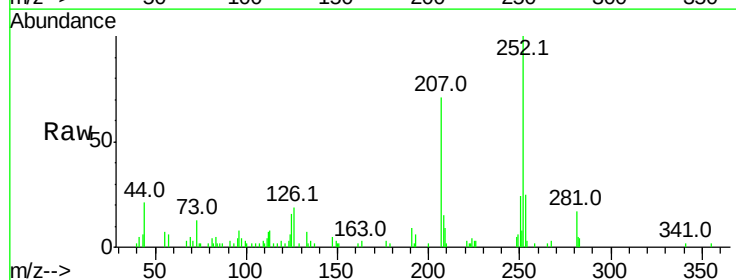
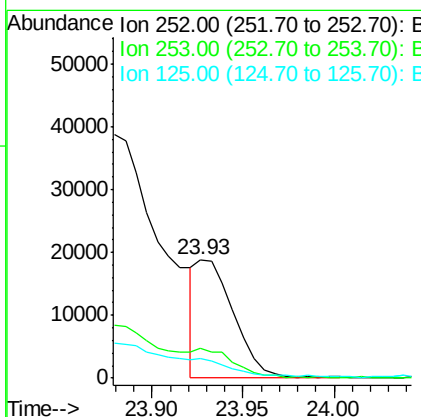
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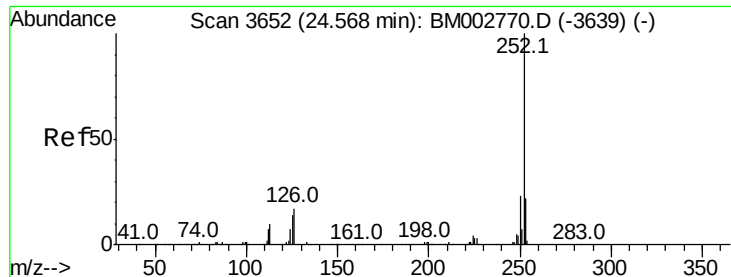
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#89
Benzo(k)fluoranthene
Concen: 1.13 ng/ul m
RT: 23.93 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BM002776.D
Acq: 30 Sep 2015 09:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.3	25.9
125	16.4	10.0	15.0#





#91

Benzo(a)pyrene

Concen: 2.96 ng/ul

RT: 24.57 min Scan# 3652

Delta R.T. -0.00 min

Lab File: BM002776.D

Acq: 30 Sep 2015 09:36

Instrument :

BNA_M

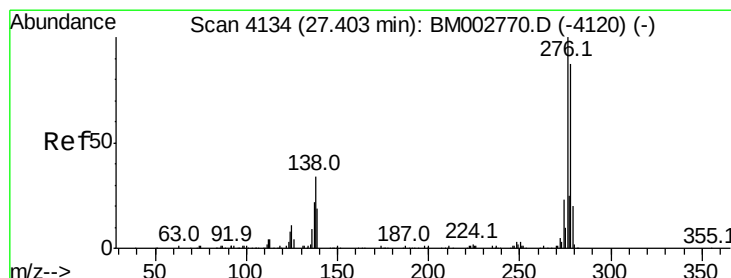
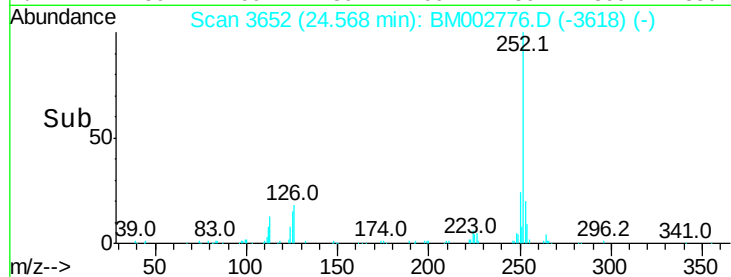
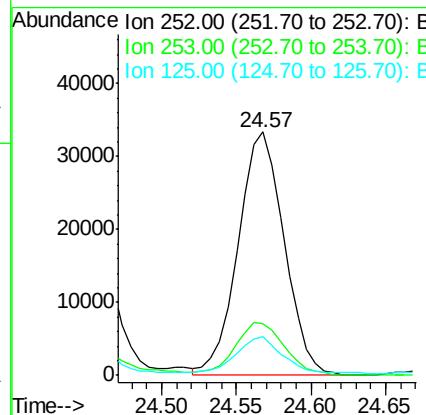
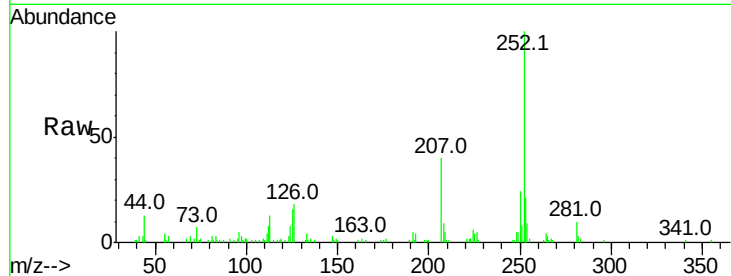
ClientSampleId :

E5MW5

Tot Ion:	252	Resp:	71470
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.4	26.0
125	16.1	11.4	17.2

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#92

Indeno(1,2,3-cd)pyrene

Concen: 2.00 ng/ul

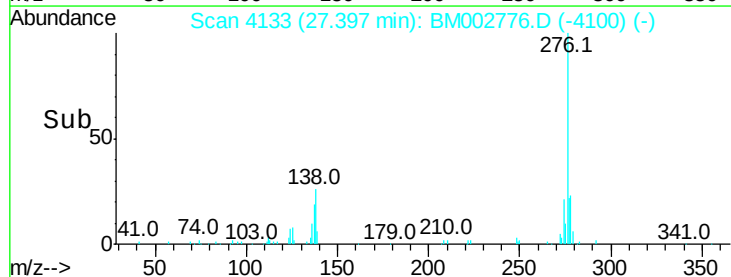
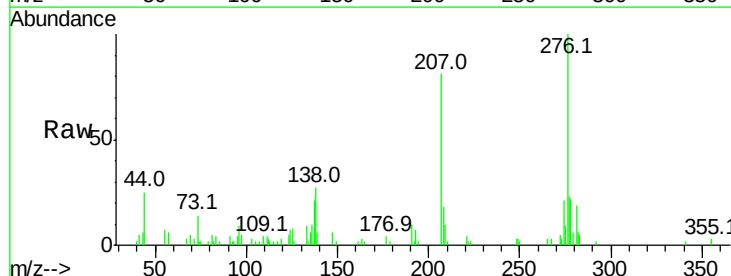
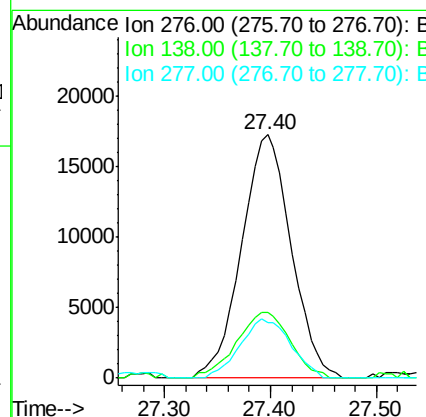
RT: 27.40 min Scan# 4133

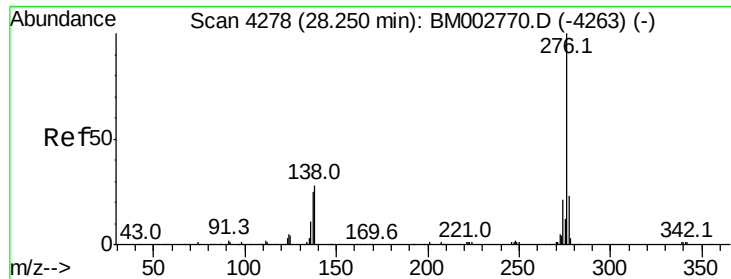
Delta R.T. -0.01 min

Lab File: BM002776.D

Acq: 30 Sep 2015 09:36

Tgt Ion:	276	Resp:	56313
Ion Ratio	Lower	Upper	
276	100		
138	27.2	27.7	41.5#
277	22.8	20.2	30.4





#94
 Benzo(a,h,i)perylene
 Concen: 2.22 ng/ul
 RT: 28.25 min Scan# 4278
 Delta R.T. -0.00 min
 Lab File: BM002776.D
 Acq: 30 Sep 2015 09:36

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion:	276	Resp:	52614
Ion Ratio	Lower	Upper	
276	100		
138	30.4	21.8	32.8
277	23.8	18.9	28.3

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