

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
 Data File : BM002138.D
 Acq On : 30 Jul 2015 16:05
 Operator : TP/UM
 Sample : G3030-10RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01N3RE

Manual Integrations
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MMDadoda
 8/3/2015 11:53:48 AM

Quant Time: Jul 31 02:49:57 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 31 01:27:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	192180	20.00	ng/ul	0.01
18) Naphthalene-d8	10.39	136	799190	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.27	164	457404	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.02	188	823860	20.00	ng/ul	0.01
78) Chrysene-d12	21.22	240	809632	20.00	ng/ul	0.02
86) Perylene-d12	23.43	264	840404	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	9179	2.47	ng/uL	0.00
5) Phenol-d5	6.79	99	223211	16.25	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.93	67	122301	16.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	195690	16.80	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	169590	15.53	ng/ul	0.02
19) Nitrobenzene-d5	8.76	128	94572	16.65	ng/ul	0.01
22) 2-Nitrophenol-d4	9.47	143	100189	15.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	197951	16.28	ng/ul	0.02
29) 4-Chloroaniline-d4	10.53	131	167389	12.53	ng/ul	0.01
44) Dimethylphthalate-d6	13.68	166	550305	16.43	ng/ul	0.01
47) Acenaphthylene-d8	13.96	160	551319	13.16	ng/ul	0.01
52) 4-Nitrophenol-d4	14.50	143	53421	9.55	ng/ul	0.03
58) Fluorene-d10	15.26	176	341939	11.60	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	6416	1.27	ng/ul	0.02
71) Anthracene-d10	17.12	188	412118	11.21	ng/ul	0.01
79) Pyrene-d10	19.42	212	354797	10.41	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.29	264	361611	8.88	ng/ul	0.02

Target Compounds

						Qvalue
45) Dimethylphthalate	13.72	163	210126	6.28	ng/ul	99
70) Phenanthrene	17.06	178	62024	1.45	ng/ul	97
77) Fluoranthene	19.09	202	184920	3.75	ng/ul	100
80) Pyrene	19.45	202	167277	3.80	ng/ul	100
81) Butylbenzylphthalate	20.35	149	26931	1.60	ng/ul	92
83) Benzo(a)anthracene	21.20	228	90229	2.01	ng/ul#	91
85) Chrysene	21.26	228	98679	2.35	ng/ul#	92
88) Benzo(b)fluoranthene	22.76	252	161012	3.41	ng/ul#	87
89) Benzo(k)fluoranthene	22.80	252	54309m	1.19	ng/ul	
91) Benzo(a)pyrene	23.33	252	95395	2.09	ng/ul#	83
92) Indeno(1,2,3-cd)pyrene	25.64	276	72368	1.38	ng/ul	95
94) Benzo(g,h,i)perylene	26.33	276	68784	1.56	ng/ul#	87

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

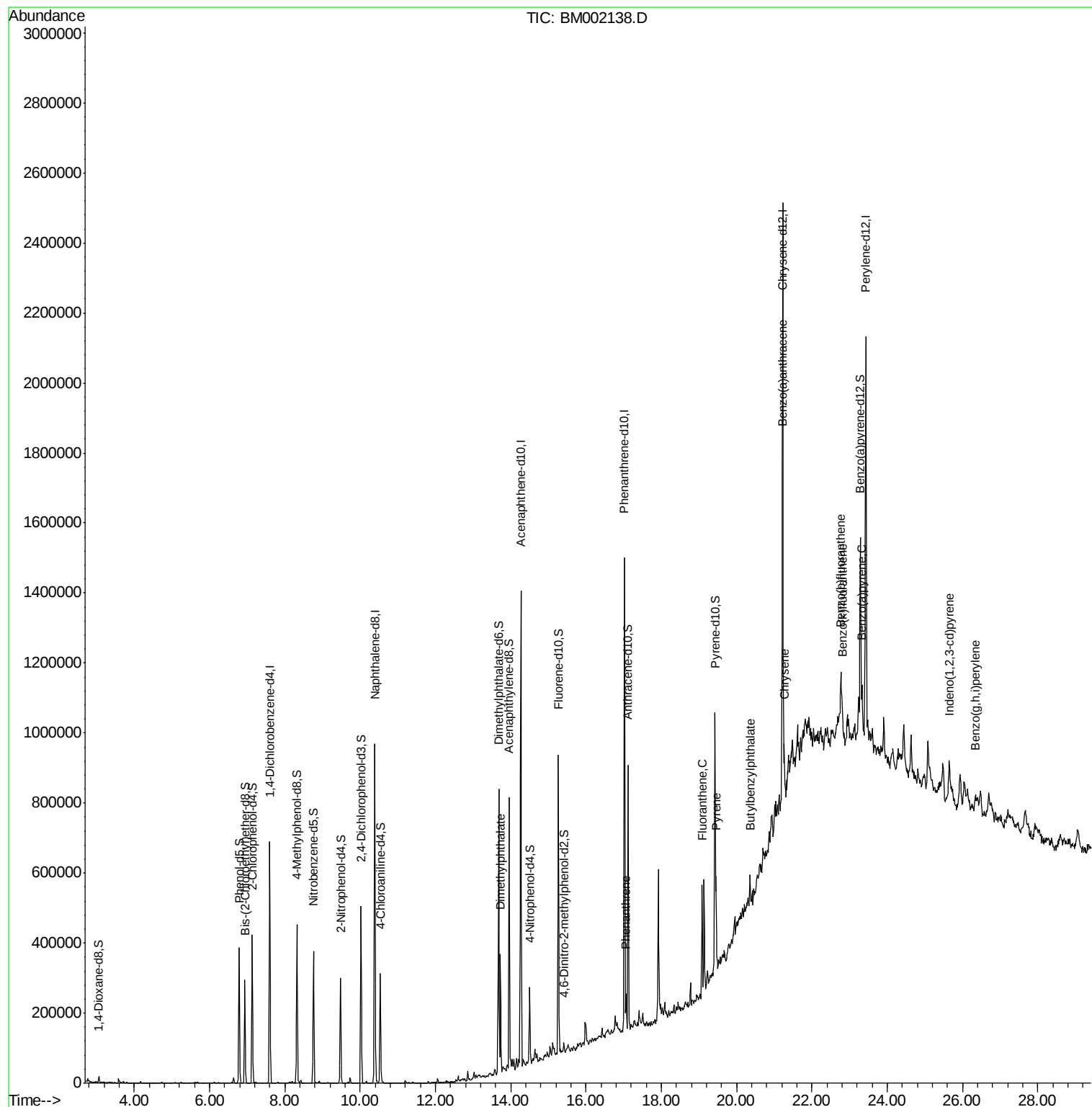
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002138.D
Acq On : 30 Jul 2015 16:05
Operator : TP/UM
Sample : G3030-10RE
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ALS Vial : 8 Sample Multiplier: 1

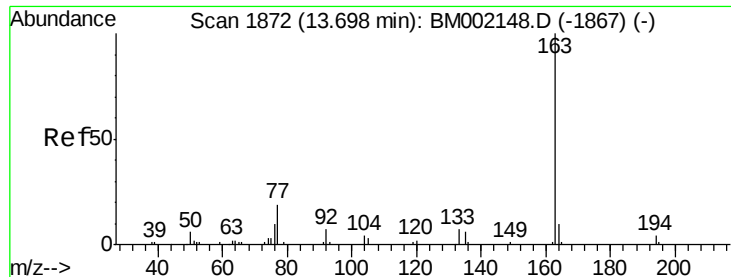
Instrument :
BNA_M
ClientSampleId :
C01N3RE

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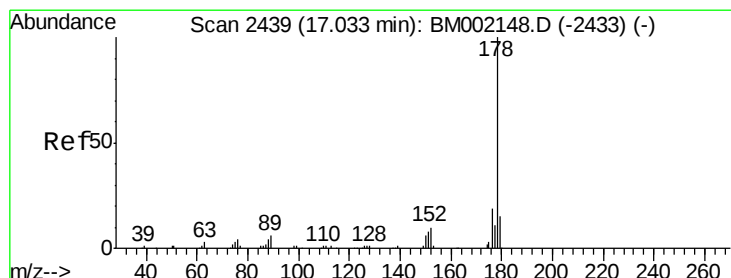
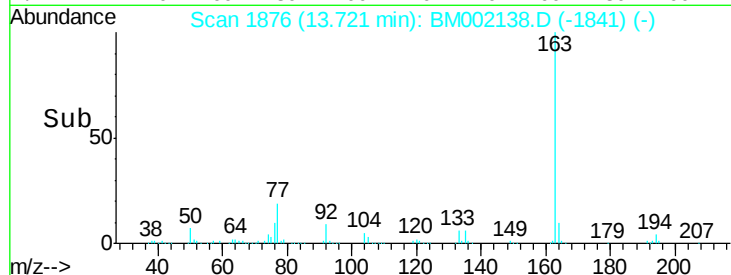
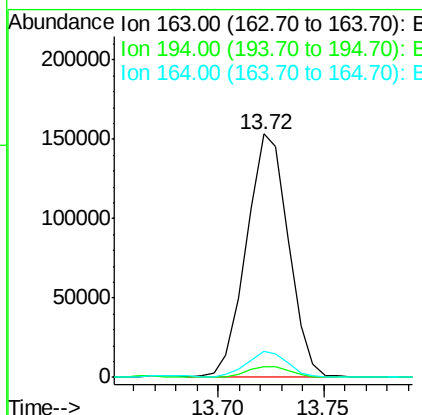
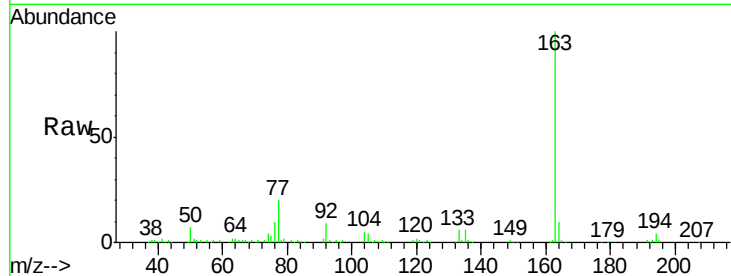
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Dimethylphthalate
Concen: 6.28 ng/ul
RT: 13.72 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BM002138.D
Acq: 30 Jul 2015 16:05

Instrument :
BNA_M
ClientSampleId :
C01N3RE

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	210126		
194	4.3	3.5	5.3	
164	10.4	8.0	12.0	

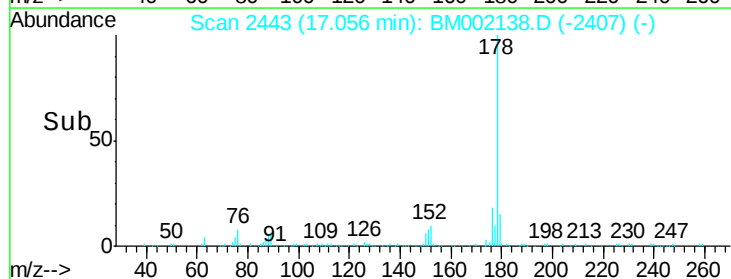
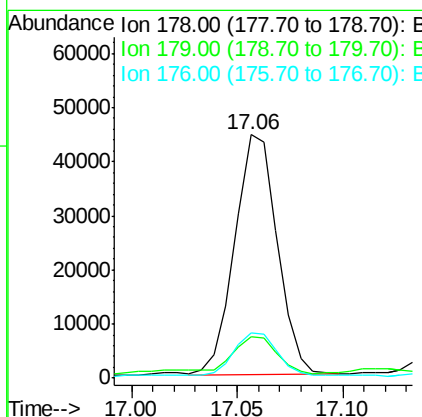
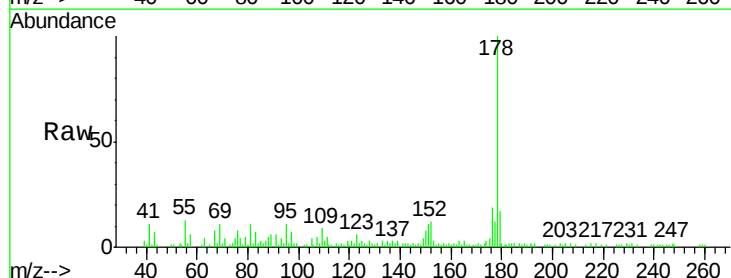
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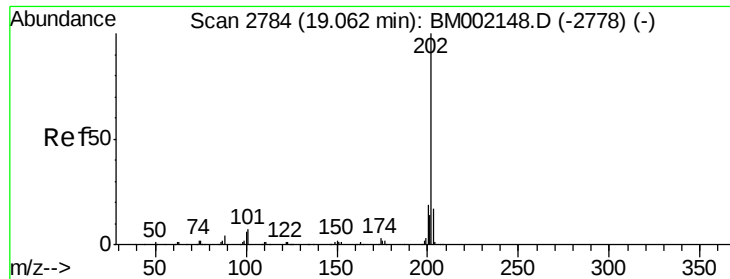
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#70
Phenanthrene
Concen: 1.45 ng/ul
RT: 17.06 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BM002138.D
Acq: 30 Jul 2015 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	62024		
179	17.1	12.5	18.7	
176	18.6	14.2	21.4	





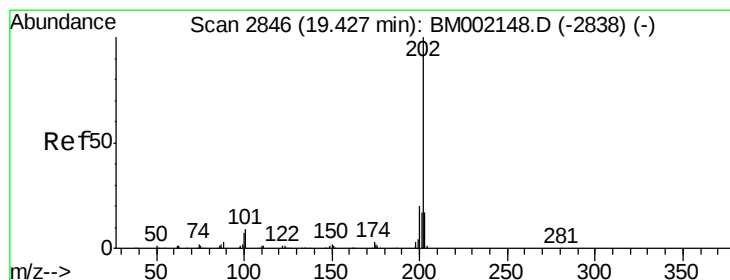
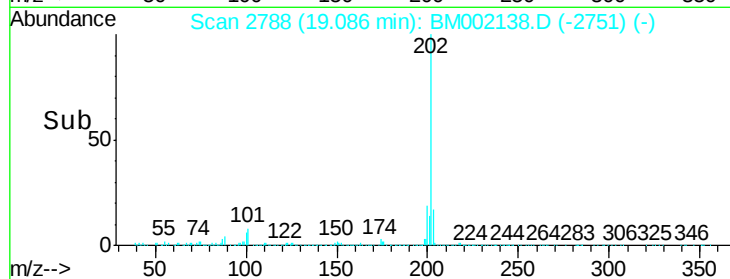
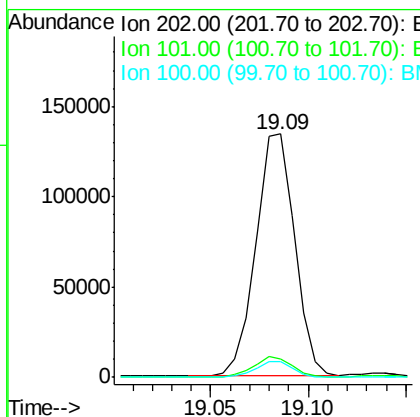
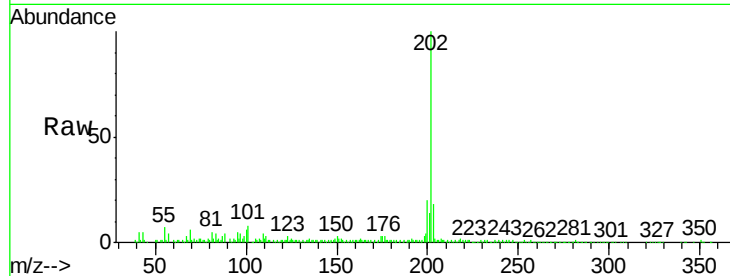
#77
 Fluoranthene
 Concen: 3.75 ng/ul
 RT: 19.09 min Scan# 2788
 Delta R.T. 0.02 min
 Lab File: BM002138.D
 Acq: 30 Jul 2015 16:05

Instrument :
 BNA_M
 ClientSampleId :
 C01N3RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.8	6.2	9.4
100	6.3	5.2	7.8

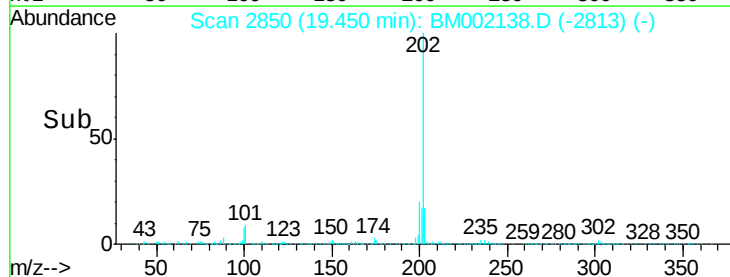
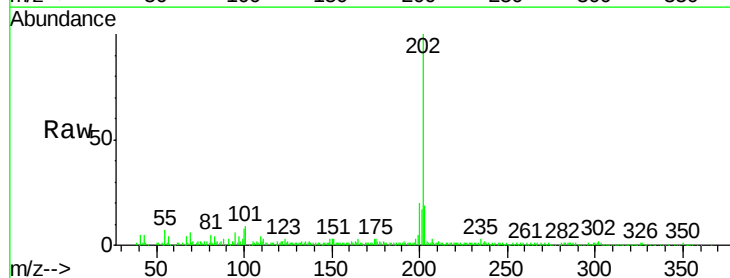
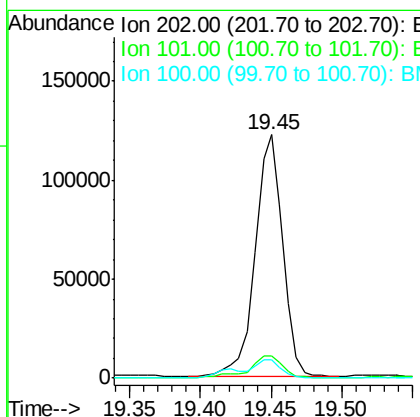
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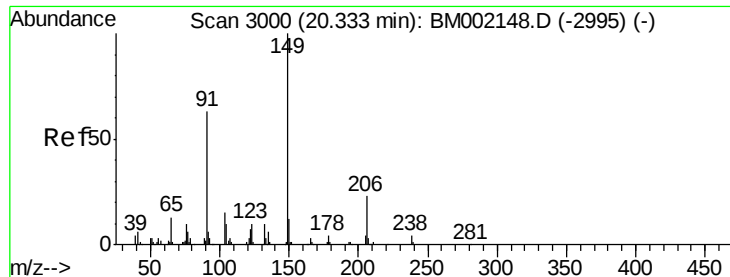
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#80
 Pyrene
 Concen: 3.80 ng/ul
 RT: 19.45 min Scan# 2850
 Delta R.T. 0.02 min
 Lab File: BM002138.D
 Acq: 30 Jul 2015 16:05

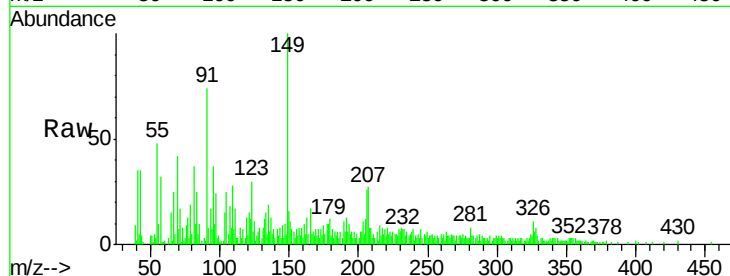
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.3	7.4	11.2
100	7.7	6.3	9.5





#81
Butylbenzylphthalate
Concen: 1.60 ng/ul
RT: 20.35 min Scan# 3003
Delta R.T. 0.01 min
Lab File: BM002138.D
Acq: 30 Jul 2015 16:05

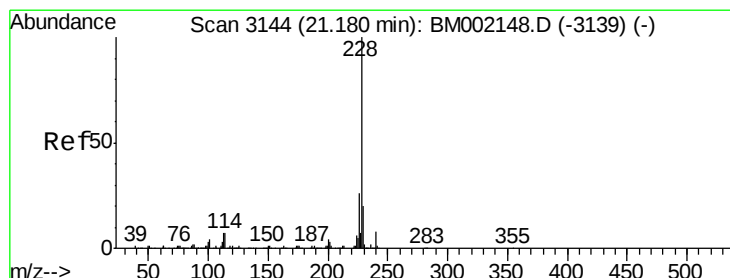
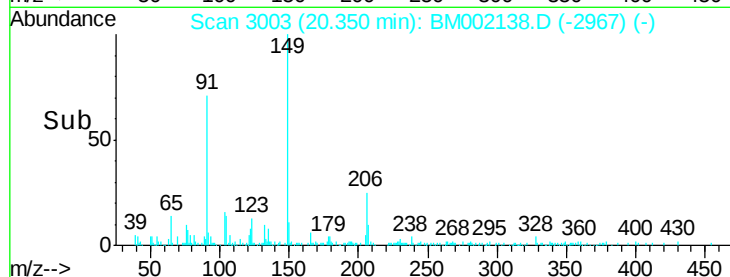
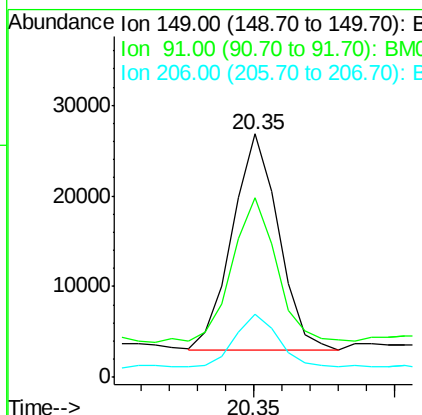
Instrument :
BNA_M
ClientSampleId :
C01N3RE



Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.9	52.4	78.6
206	26.0	19.9	29.9

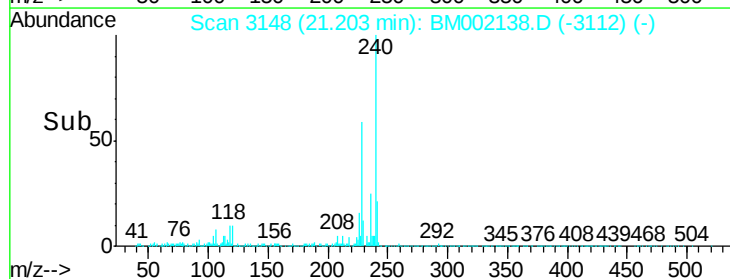
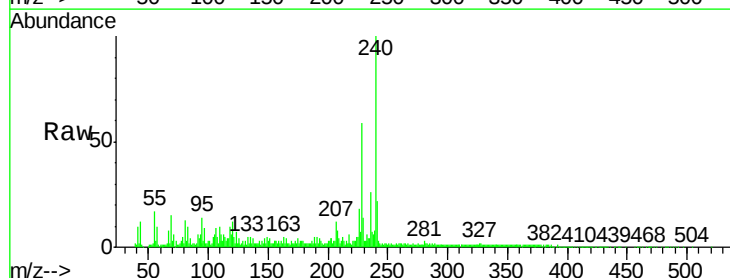
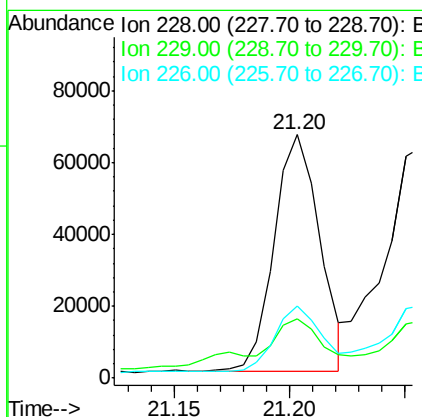
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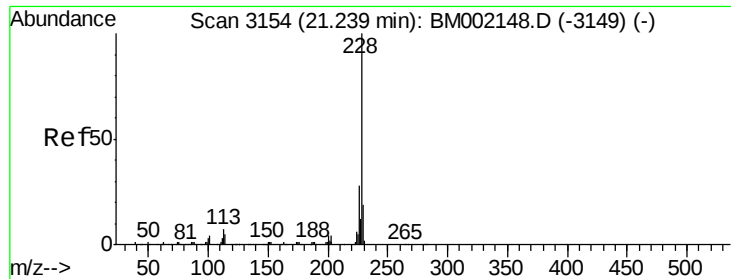
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#83
Benzo(a)anthracene
Concen: 2.01 ng/ul
RT: 21.20 min Scan# 3148
Delta R.T. 0.01 min
Lab File: BM002138.D
Acq: 30 Jul 2015 16:05

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.4	15.4	23.2#
226	29.7	20.5	30.7





#85

Chrysene

Concen: 2.35 ng/ul

RT: 21.26 min Scan# 3157

Delta R.T. 0.01 min

Lab File: BM002138.D

Acq: 30 Jul 2015 16:05

Instrument :

BNA_M

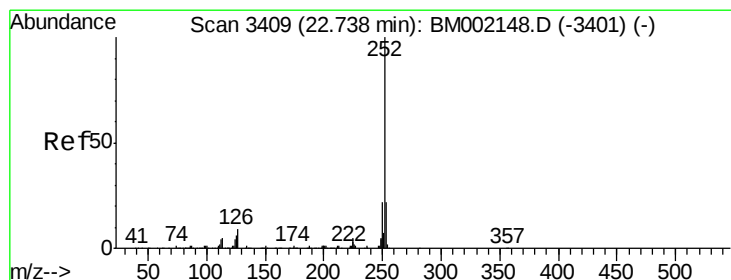
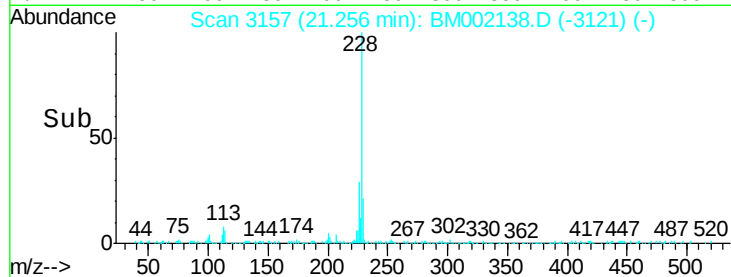
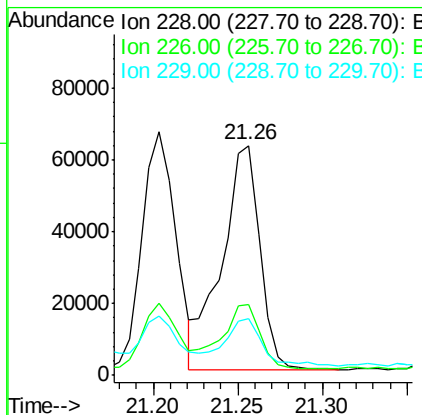
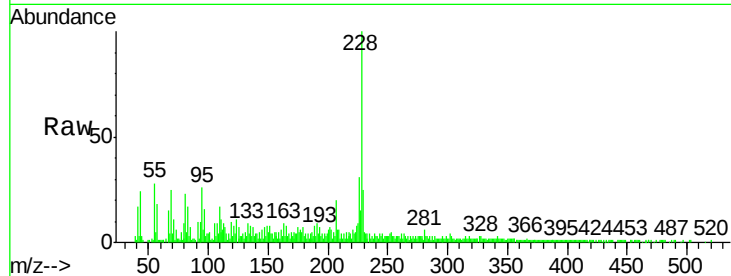
ClientSampleId :

C01N3RE

Tgt Ion:	228	Resp:	98679
Ion Ratio	Lower	Upper	
228	100		
226	30.9	22.3	33.5
229	24.8	15.5	23.3

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#88

Benzo(b)fluoranthene

Concen: 3.41 ng/ul

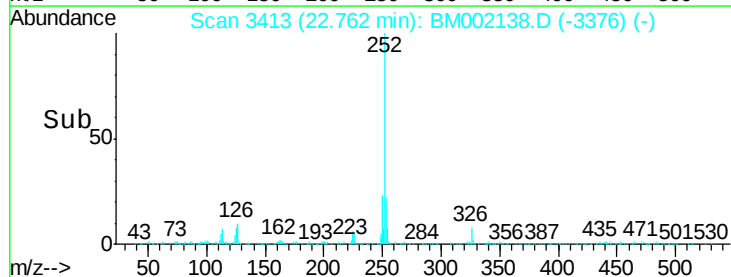
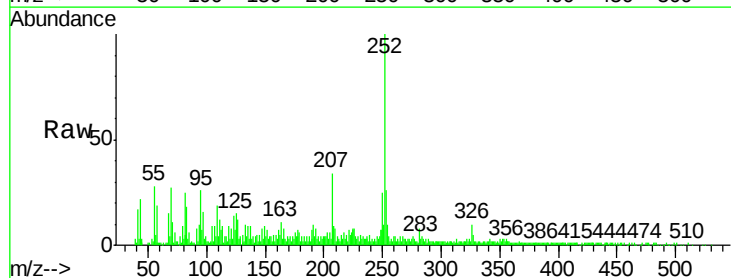
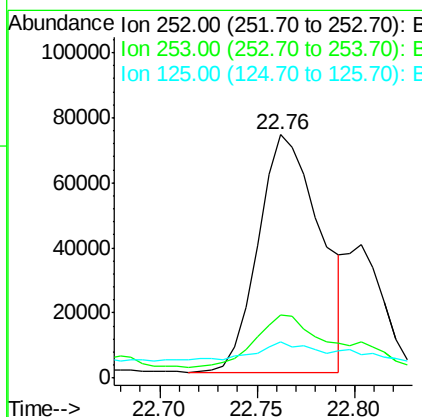
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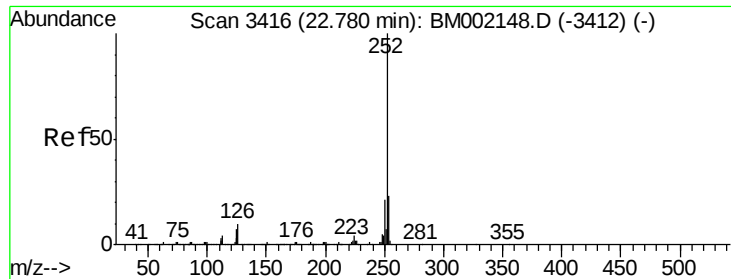
Delta R.T. 0.02 min

Lab File: BM002138.D

Acq: 30 Jul 2015 16:05

Tgt Ion:	252	Resp:	161012
Ion Ratio	Lower	Upper	
252	100		
253	25.8	16.9	25.3
125	14.7	6.2	9.2





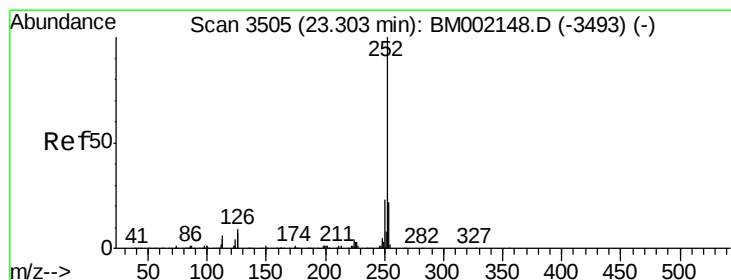
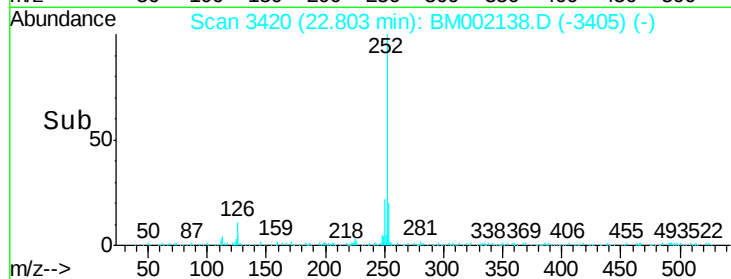
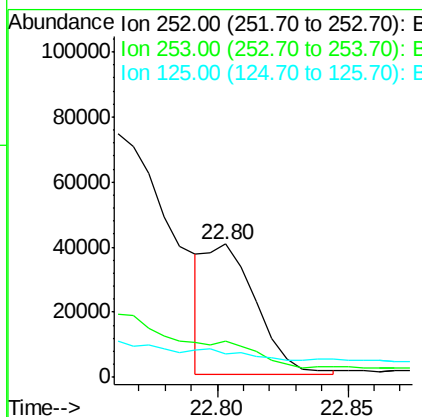
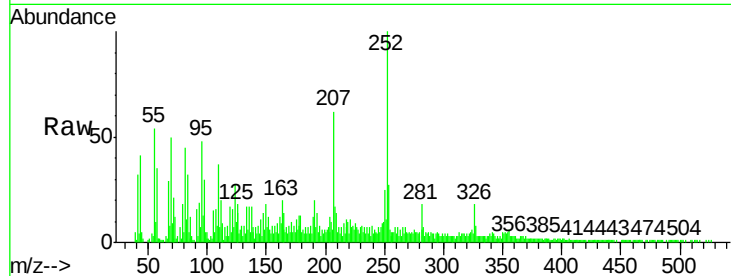
#89
Benzo(k)fluoranthene
Concen: 1.19 ng/ul m
RT: 22.80 min Scan# 3420
Delta R.T. 0.02 min
Lab File: BM002138.D
Acq: 30 Jul 2015 16:05

Instrument :
BNA_M
ClientSampleId :
C01N3RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.4	26.0#
125	18.0	6.2	9.4#

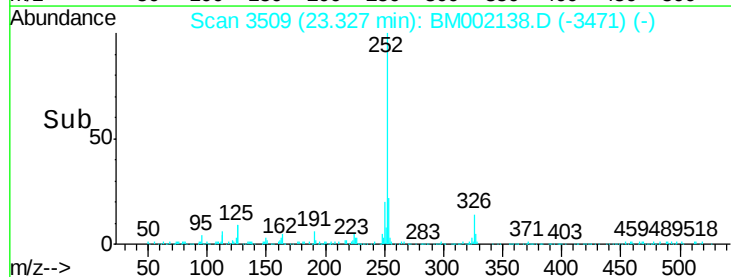
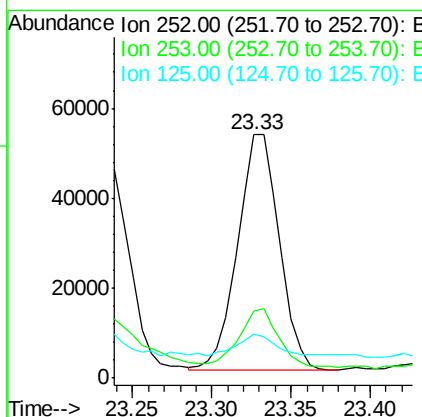
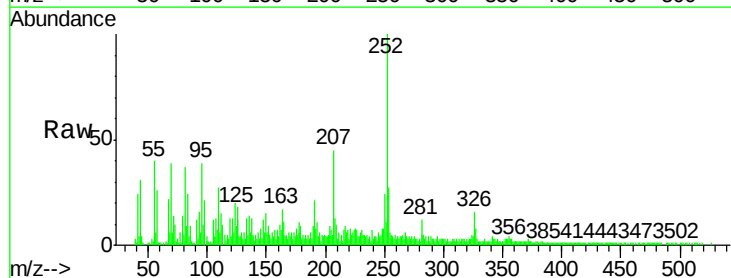
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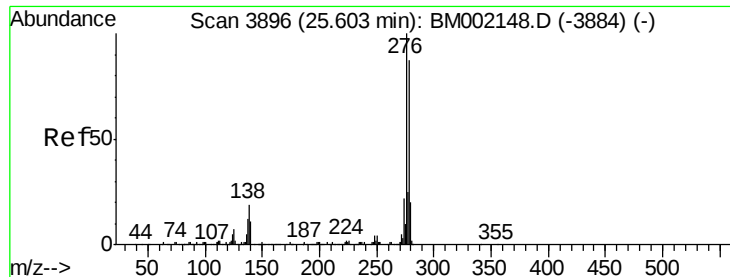
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#91
Benzo(a)pyrene
Concen: 2.09 ng/ul
RT: 23.33 min Scan# 3509
Delta R.T. 0.02 min
Lab File: BM002138.D
Acq: 30 Jul 2015 16:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.2	25.8#
125	17.8	6.6	10.0#





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.38 ng/ul

RT: 25.64 min Scan# 3903

Delta R.T. 0.04 min

Lab File: BM002138.D

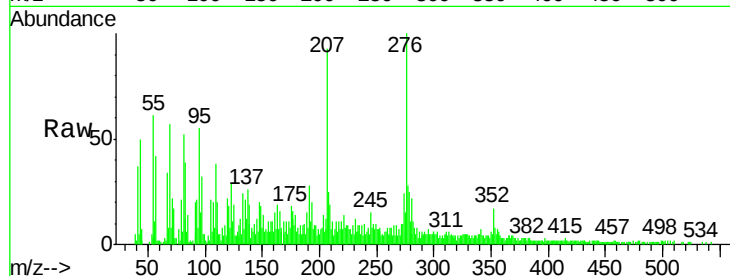
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Instrument :

BNA_M

ClientSampleId :

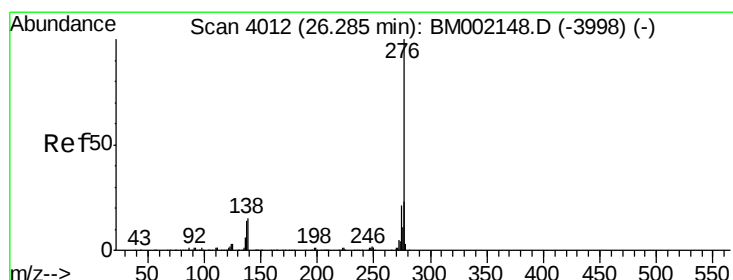
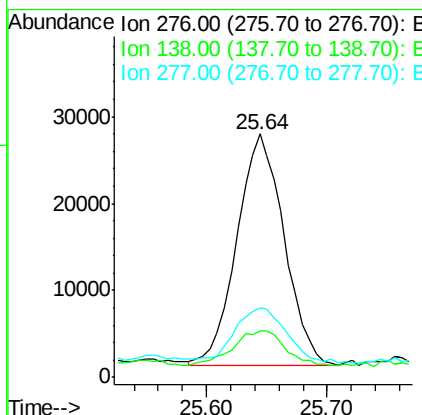
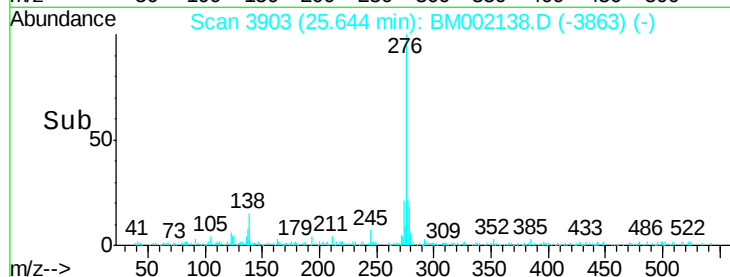
C01N3RE



Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.3	16.2	24.2
277	28.4	19.8	29.8

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#94

Benzo(g,h,i)perylene

Concen: 1.56 ng/ul

RT: 26.33 min Scan# 4020

Delta R.T. 0.05 min

Lab File: BM002138.D

Acq: 30 Jul 2015 16:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	13.8	20.6#
277	29.4	18.2	27.2#

