

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
 Data File : BM002115.D
 Acq On : 29 Jul 2015 04:41
 Operator : TP/UM
 Sample : G3048-22
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02L1

Manual Integrations
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 7/30/2015 7:48:23 AM

Quant Time: Jul 29 07:18:34 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 29 01:50:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	59477	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	239672	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	141884	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	309654	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	361608	20.00	ng/ul	0.01
86) Perylene-d12	23.42	264	369453	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	1879	1.63	ng/uL	0.00
5) Phenol-d5	6.78	99	39480	9.29	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	23363	9.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	35469	9.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	21858	6.47	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	16134	9.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	12898	6.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	32874	9.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	21016	5.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	102230	9.84	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	107815	8.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	8005	4.61	ng/ul	0.02
58) Fluorene-d10	15.26	176	76708	8.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	138	0.07	ng/ul	0.01
71) Anthracene-d10	17.11	188	110683	8.01	ng/ul	0.00
79) Pyrene-d10	19.42	212	120803	7.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	129901	7.25	ng/ul	0.02

Target Compounds

					Ovalue
14) Acetophenone	8.42	105	7295	1.36 ng/ul	95
34) 2-Methylnaphthalene	12.06	142	9378	1.13 ng/ul	99
45) Dimethylphthalate	13.72	163	38398	3.70 ng/ul	98
70) Phenanthrene	17.06	178	80488	5.02 ng/ul	98
72) Anthracene	17.14	178	23669m	1.44 ng/ul	
77) Fluoranthene	19.08	202	162150	8.76 ng/ul	99
80) Pyrene	19.44	202	163662	8.32 ng/ul	99
83) Benzo(a)anthracene	21.20	228	86893	4.33 ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.13	149	59516	5.17 ng/ul#	95
85) Chrysene	21.25	228	98833m	5.27 ng/ul	
88) Benzo(b)fluoranthene	22.76	252	156271	7.53 ng/ul#	83
89) Benzo(k)fluoranthene	22.80	252	41029m	2.05 ng/ul	
91) Benzo(a)pyrene	23.32	252	101267	5.05 ng/ul#	84
92) Indeno(1,2,3-cd)pyrene	25.63	276	81662	3.54 ng/ul	97
93) Dibenzo(a,h)anthracene	25.64	278	20755	1.05 ng/ul#	62
94) Benzo(g,h,i)perylene	26.32	276	81828	4.23 ng/ul	97

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

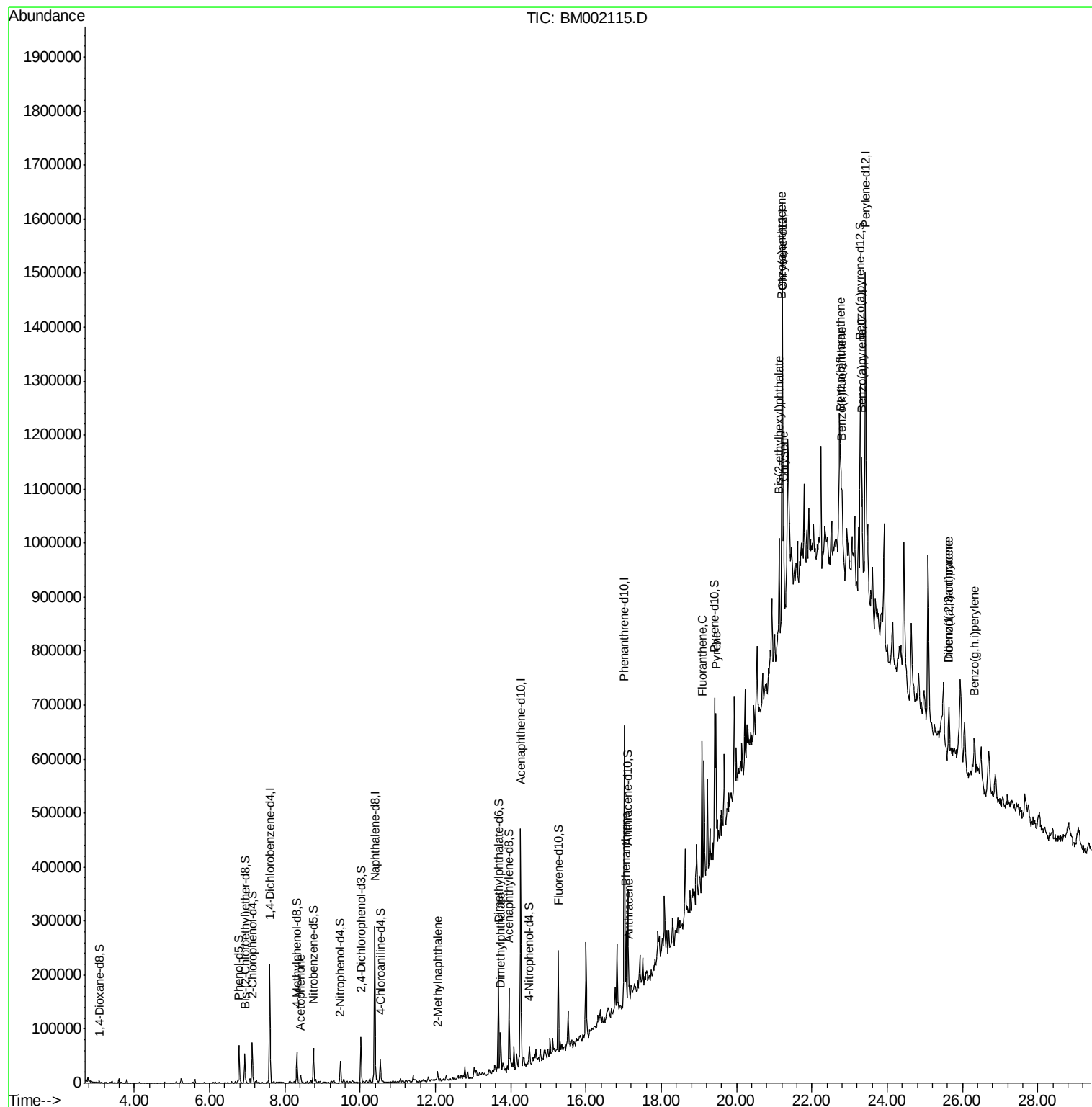
Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002115.D
Acq On : 29 Jul 2015 04:41
Operator : TP/UM
Sample : G3048-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

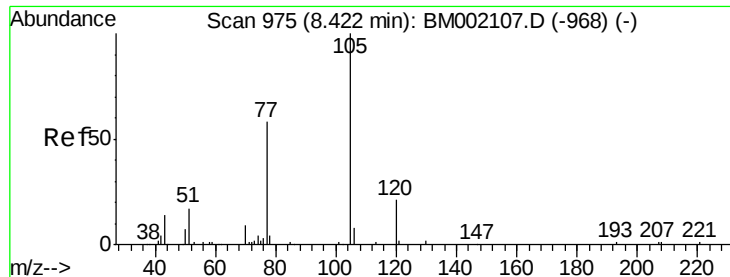
Instrument :
BNA_M
ClientSampleId :
C02L1

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Quant Title : SVOA CALIBRATION
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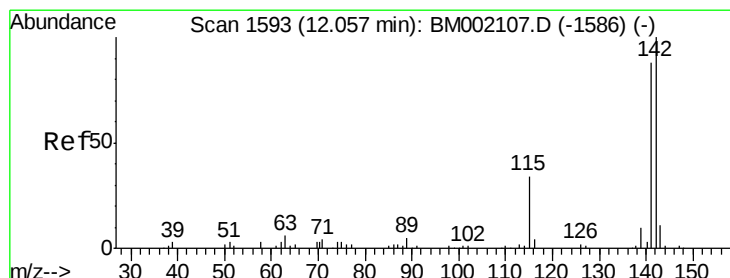
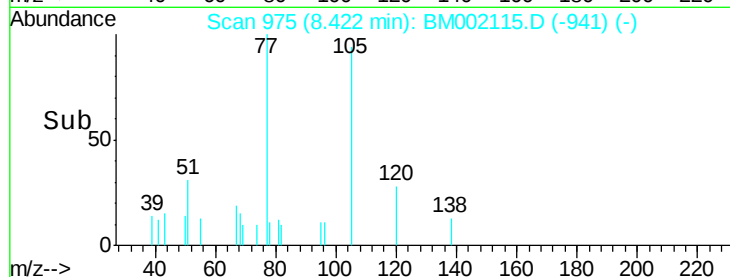
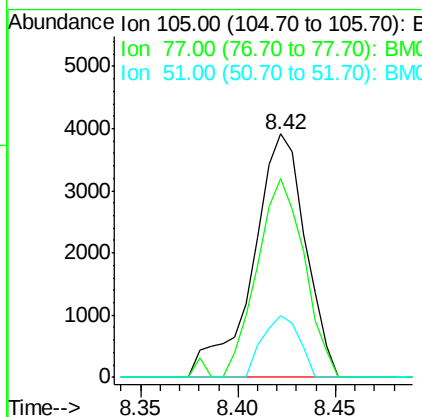
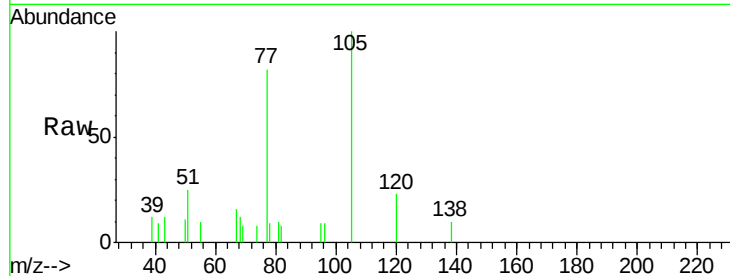
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Acetophenone
Concen: 1.36 ng/ul
RT: 8.42 min Scan# 975
Delta R.T. -0.00 min
Lab File: BM002115.D
Acq: 29 Jul 2015 04:41

Instrument :
BNA_M
ClientSampled :
C02L1

Tot Ion	Ratio	Lower	Upper
105	100		
77	81.7	61.8	92.8
51	25.4	18.5	27.7

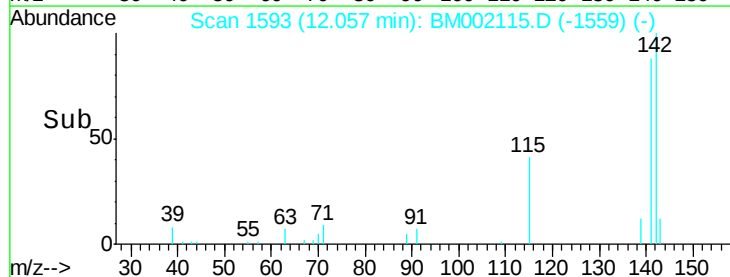
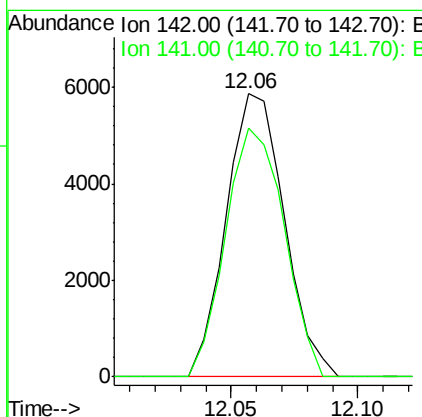
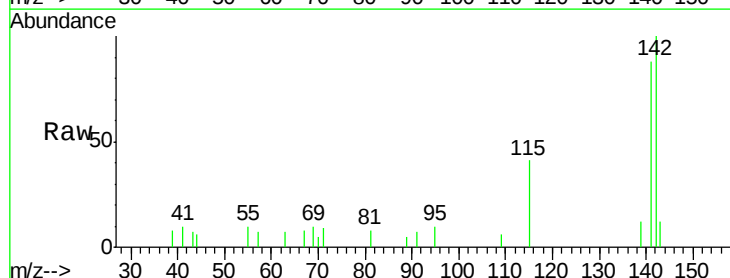
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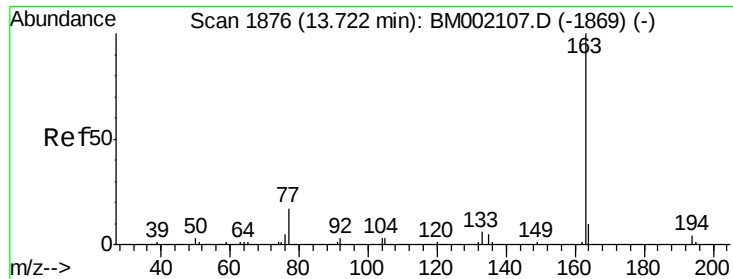
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#34
2-Methylnaphthalene
Concen: 1.13 ng/ul
RT: 12.06 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BM002115.D
Acq: 29 Jul 2015 04:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.8	104.6





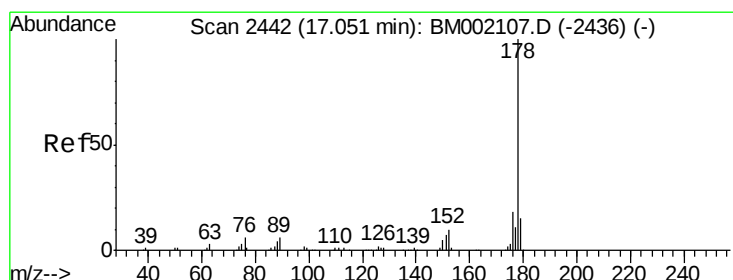
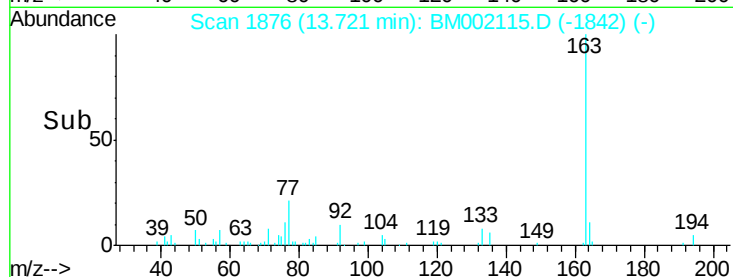
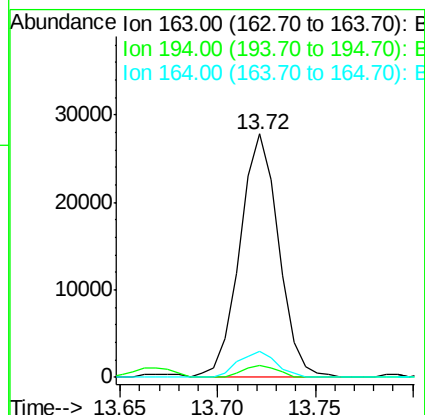
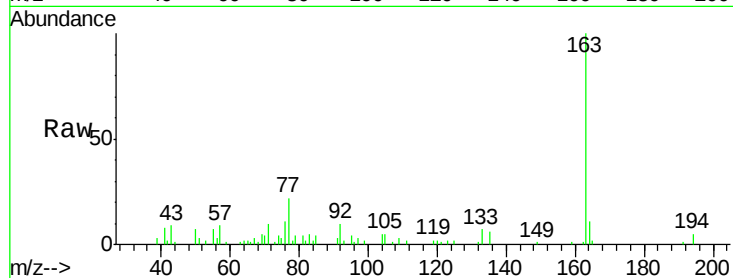
#45
Dimethylphthalate
Concen: 3.70 ng/ul
RT: 13.72 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BM002115.D
Acq: 29 Jul 2015 04:41

Instrument :
BNA_M
ClientSampleId :
C02L1

Tot Ion	Ratio	Resp	Lower	Upper
163	100	38398		
194	4.9		3.5	5.3
164	10.8		8.0	12.0

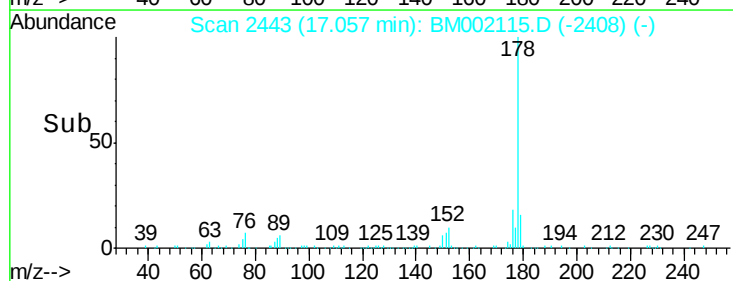
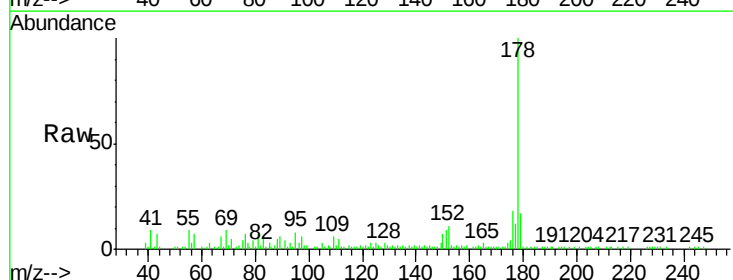
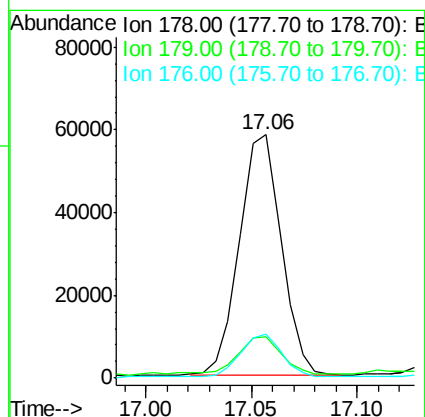
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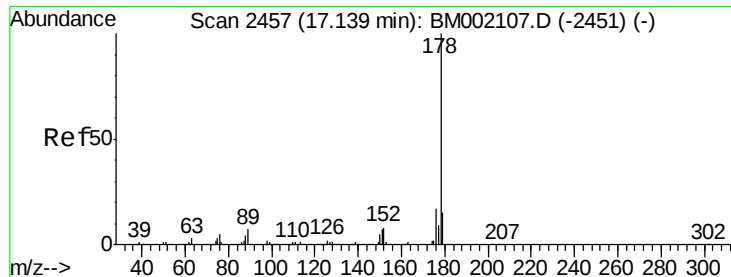
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#70
Phenanthrene
Concen: 5.02 ng/ul
RT: 17.06 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BM002115.D
Acq: 29 Jul 2015 04:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	80488		
179	17.0		12.5	18.7
176	18.2		14.2	21.4





#72

Anthracene

Concen: 1.44 ng/ul m

RT: 17.14 min Scan# 2458

Delta R.T. 0.01 min

Lab File: BM002115.D

Acq: 29 Jul 2015 04:41

Instrument :

BNA_M

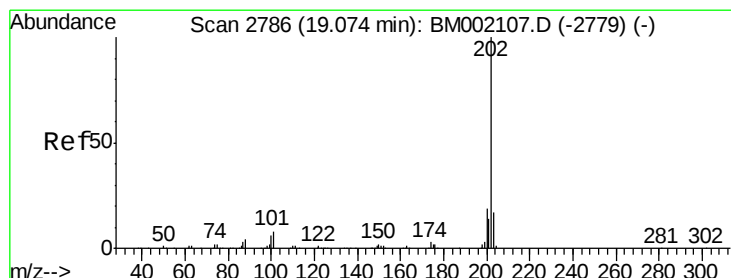
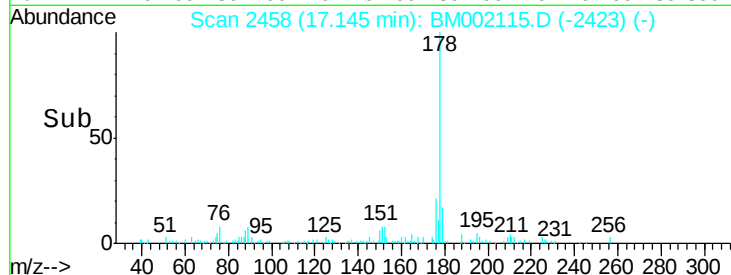
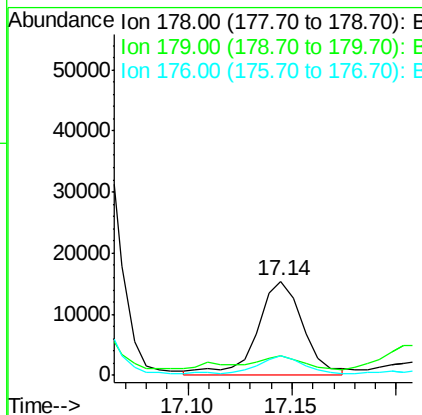
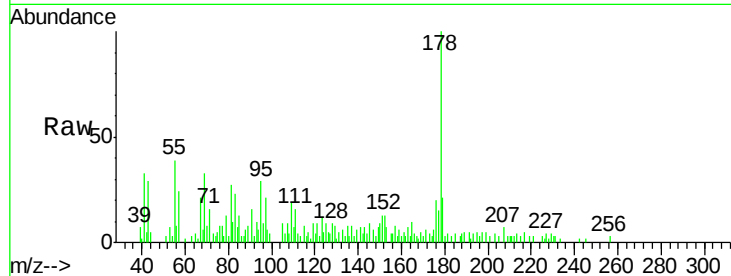
ClientSampled :

C02L1

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.2	12.1	18.1#
176	20.2	14.1	21.1

Manual Integrations
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#77

Fluoranthene

Concen: 8.76 ng/ul

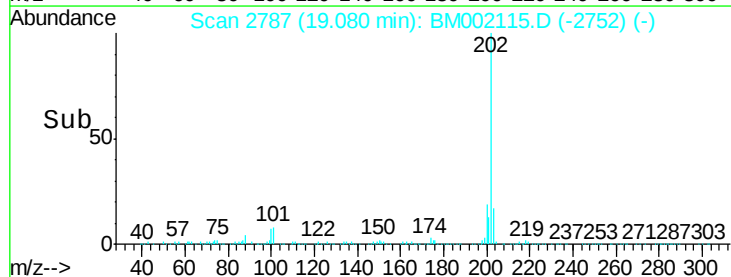
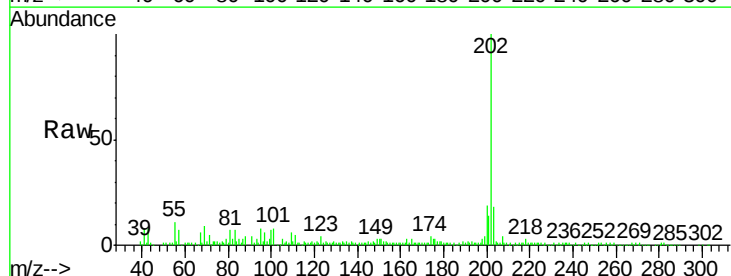
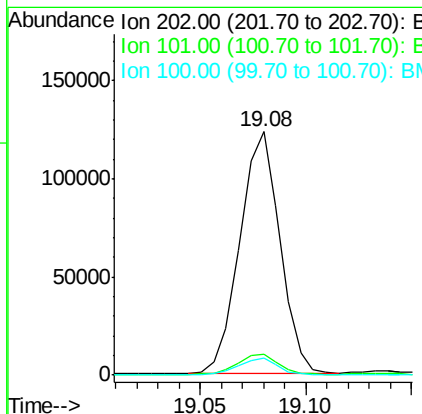
RT: 19.08 min Scan# 2787

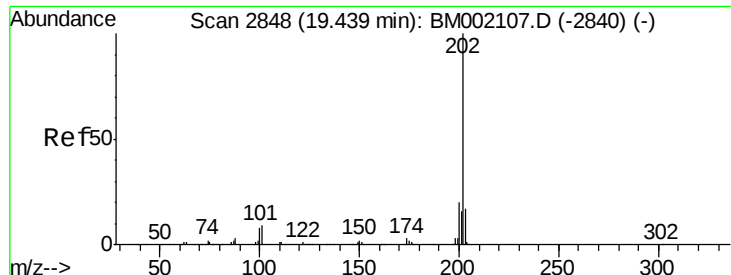
Delta R.T. 0.01 min

Lab File: BM002115.D

Acq: 29 Jul 2015 04:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.2	9.4
100	6.8	5.2	7.8





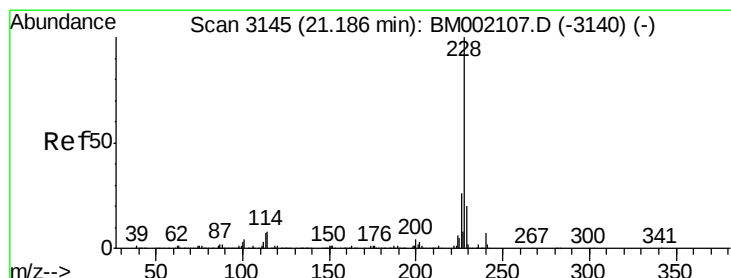
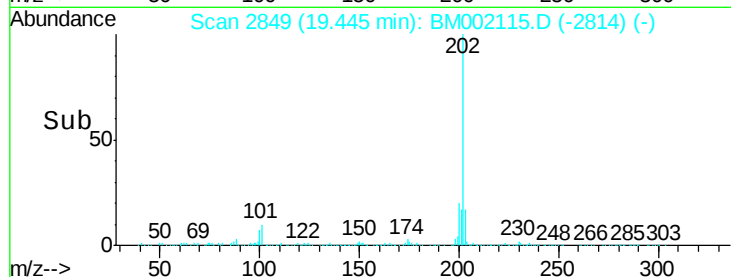
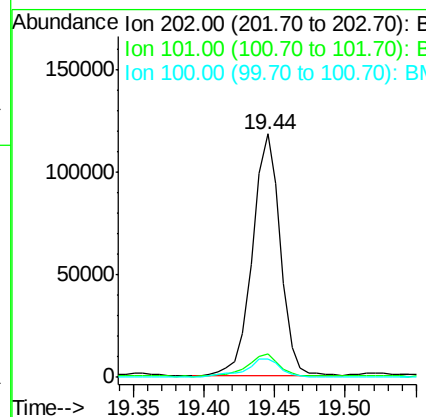
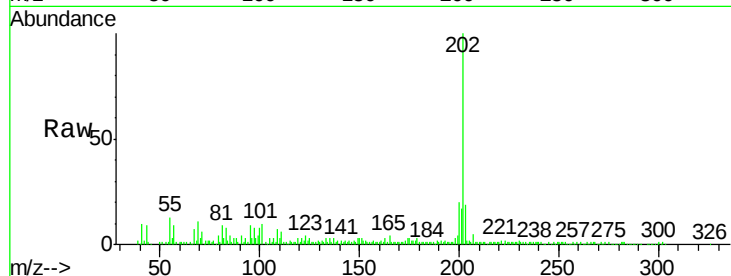
#80
Pvrene
Concen: 8.32 ng/ul
RT: 19.44 min Scan# 2849
Delta R.T. 0.01 min
Lab File: BM002115.D
Acq: 29 Jul 2015 04:41

Instrument :
BNA_M
ClientSampleId :
C02L1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	7.4	11.2
100	7.7	6.3	9.5

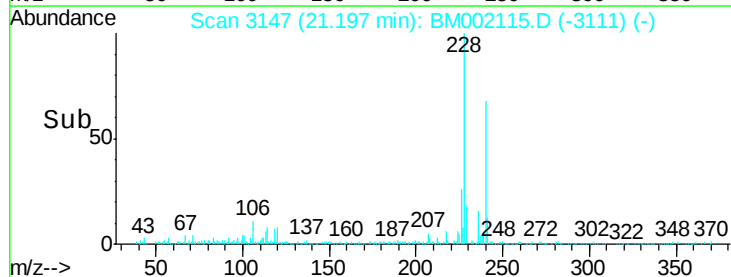
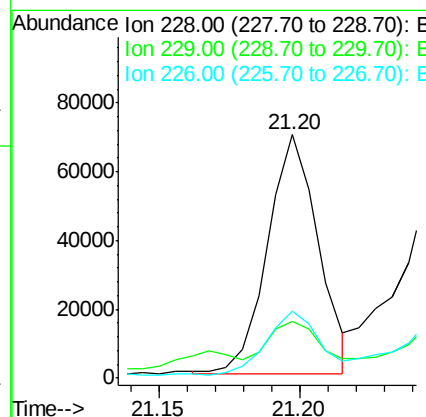
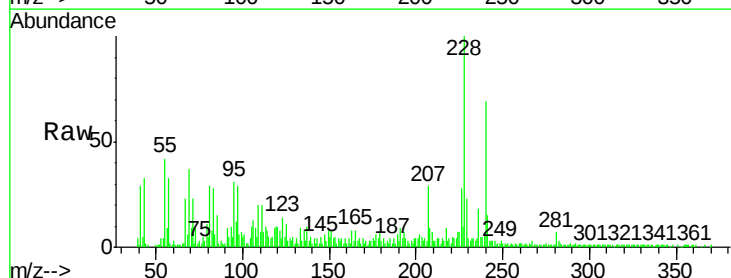
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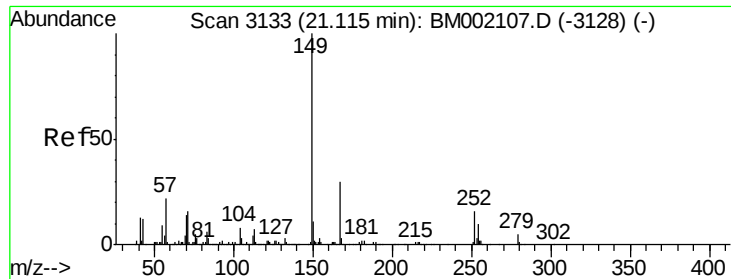
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#83
Benzo(a)anthracene
Concen: 4.33 ng/ul
RT: 21.20 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BM002115.D
Acq: 29 Jul 2015 04:41

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.1	15.4	23.2
226	27.7	20.5	30.7





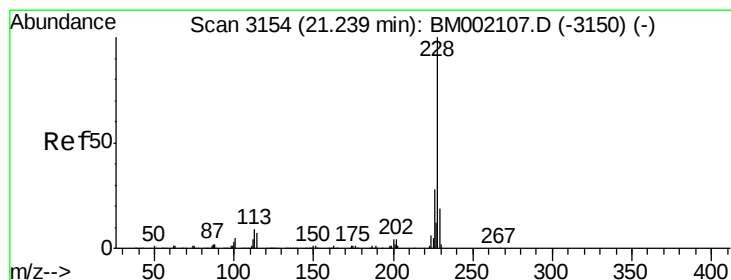
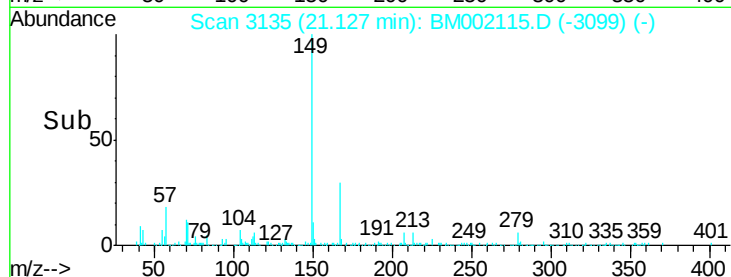
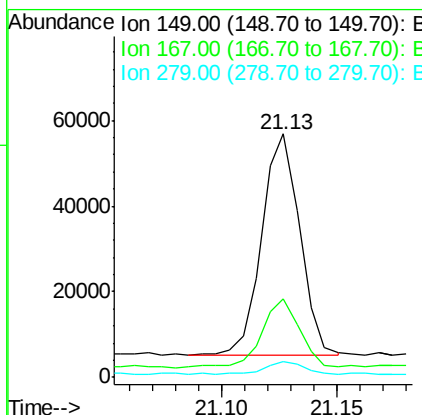
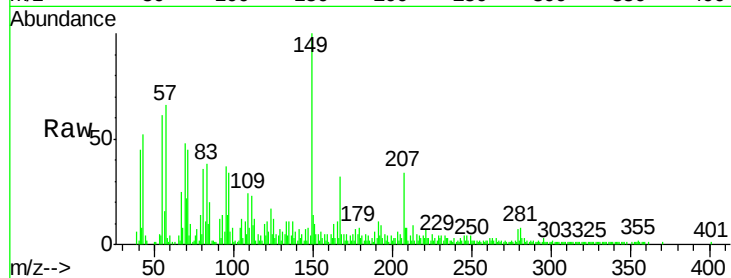
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.17 ng/ul
 RT: 21.13 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BM002115.D
 Acq: 29 Jul 2015 04:41

Instrument :
 BNA_M
 ClientSampleId :
 C02L1

Tot Ion	Ratio	Lower	Upper
149	100		
167	32.1	23.6	35.4
279	6.7	4.2	6.4

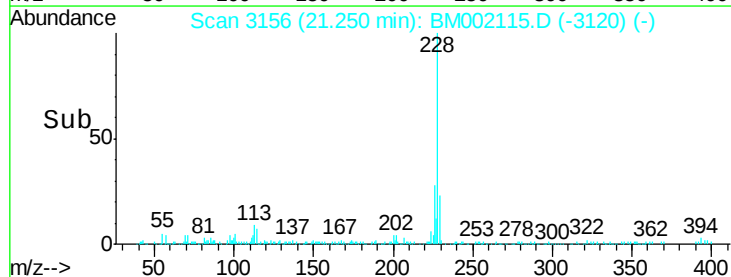
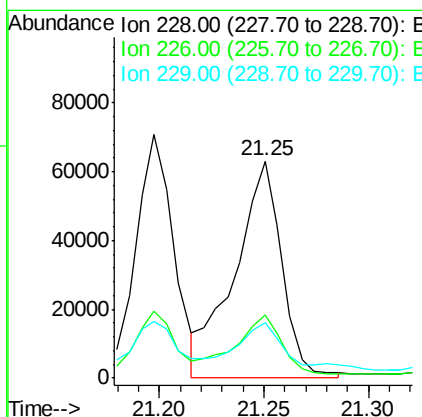
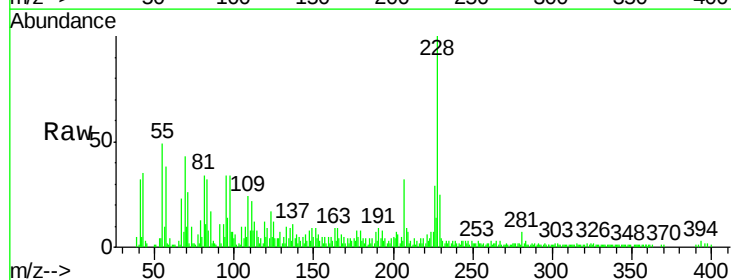
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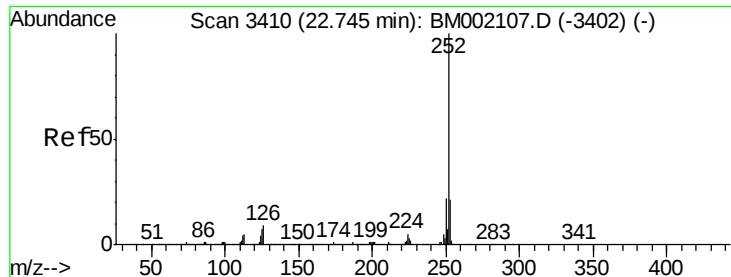
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#85
 Chrysene
 Concen: 5.27 ng/ul m
 RT: 21.25 min Scan# 3156
 Delta R.T. 0.01 min
 Lab File: BM002115.D
 Acq: 29 Jul 2015 04:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.3	33.5
229	25.5	15.5	23.3





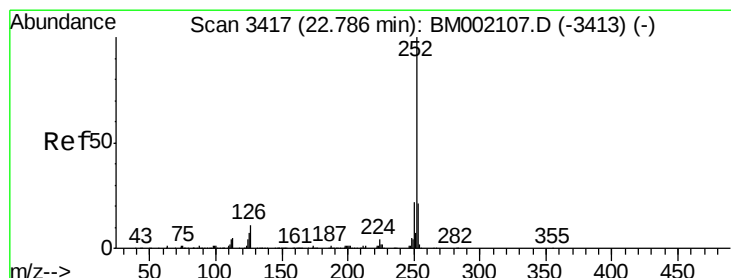
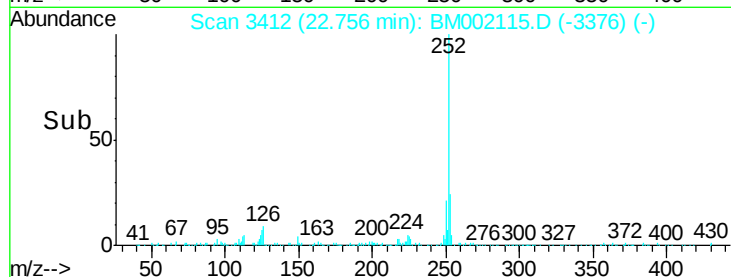
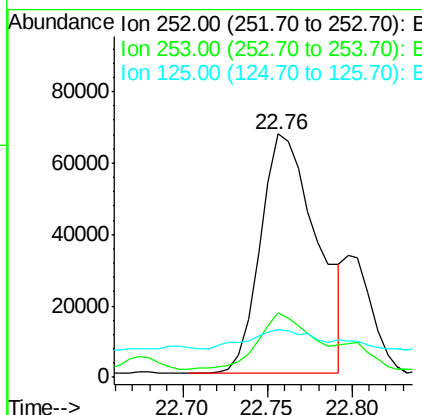
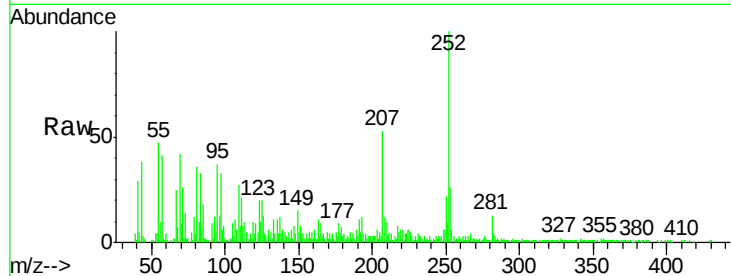
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Benzo(b)fluoranthene
Concen: 7.53 ng/ul
RT: 22.76 min Scan# 3412
Delta R.T. 0.01 min
Lab File: BM002115.D
Acq: 29 Jul 2015 04:41

Instrument :
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C02L1

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	16.9	25.3#
125	19.6	6.2	9.2#

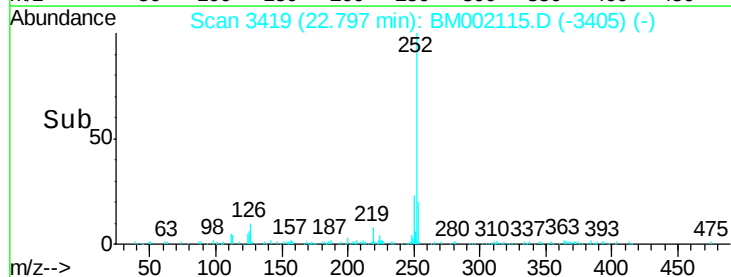
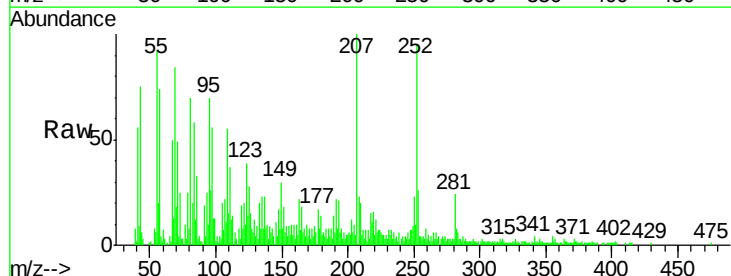
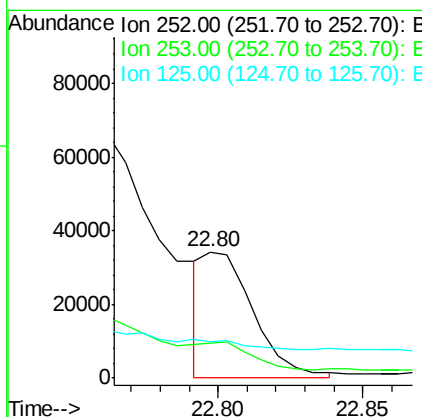
Manual Integrations
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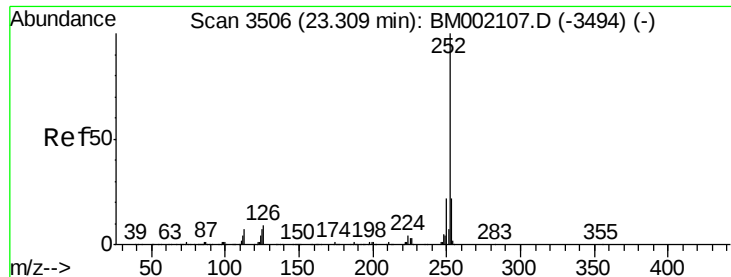
apatel
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#89
Benzo(k)fluoranthene
Concen: 2.05 ng/ul m
RT: 22.80 min Scan# 3419
Delta R.T. 0.01 min
Lab File: BM002115.D
Acq: 29 Jul 2015 04:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.4	26.0#
125	29.2	6.2	9.4#





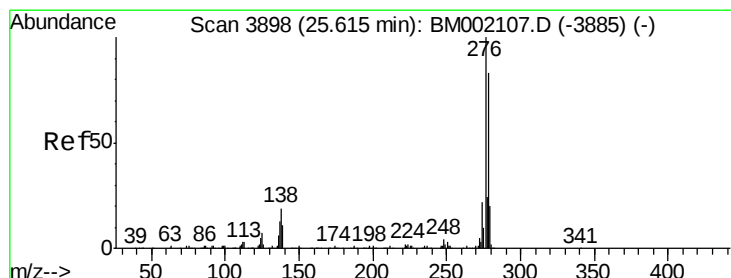
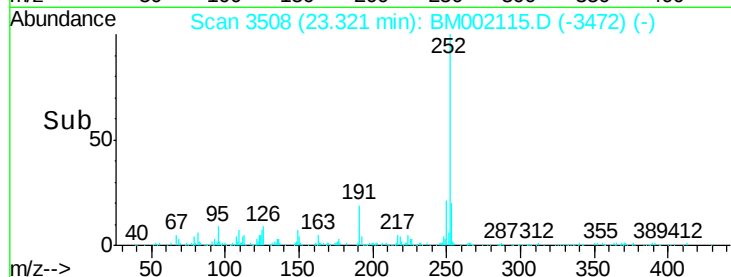
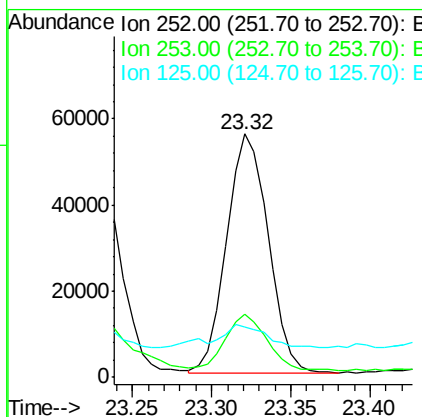
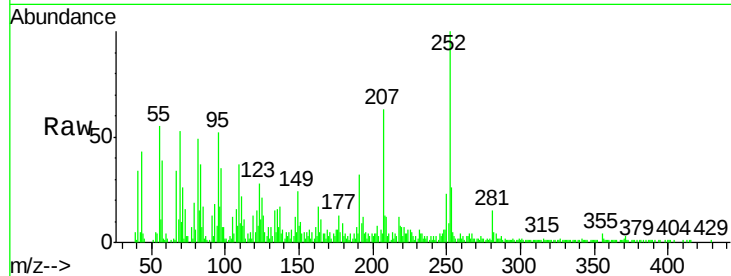
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Benzo(a)pyrene
Concen: 5.05 ng/ul
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Delta R.T. 0.01 min
Lab File: BM002115.D
Acq: 29 Jul 2015 04:41

Instrument :
BNA_M
ClientSampleId :
C02L1

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.2	25.8
125	20.9	6.6	10.0

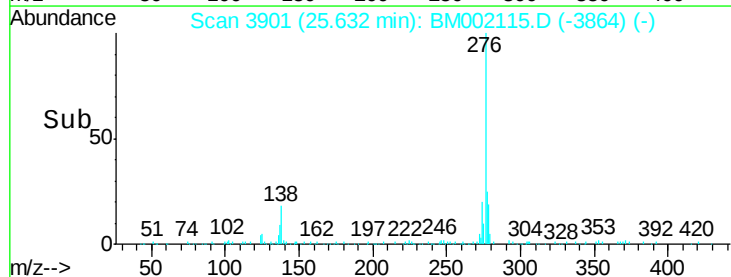
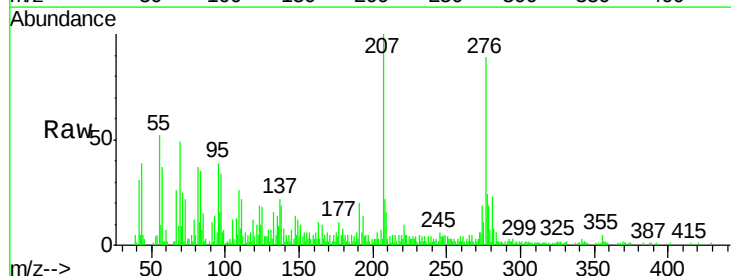
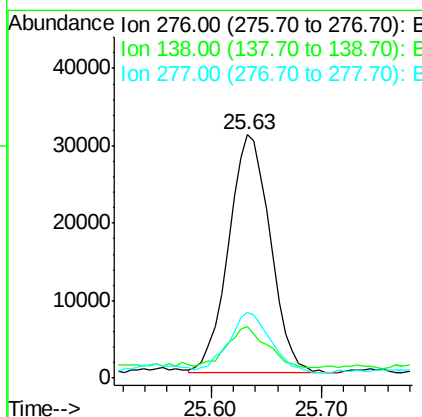
Manual Integrations
APPROVED

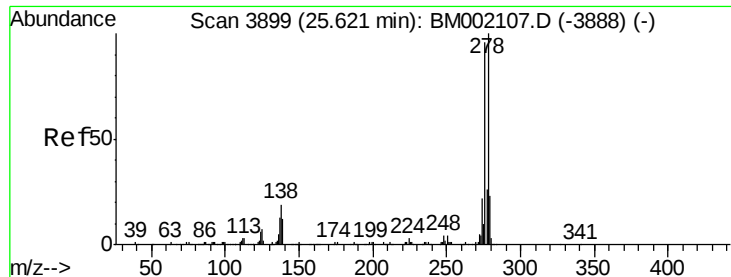
apatel
7/30/2015 7:48:23 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 3.54 ng/ul
RT: 25.63 min Scan# 3901
Delta R.T. 0.02 min
Lab File: BM002115.D
Acq: 29 Jul 2015 04:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	16.2	24.2
277	26.9	19.8	29.8





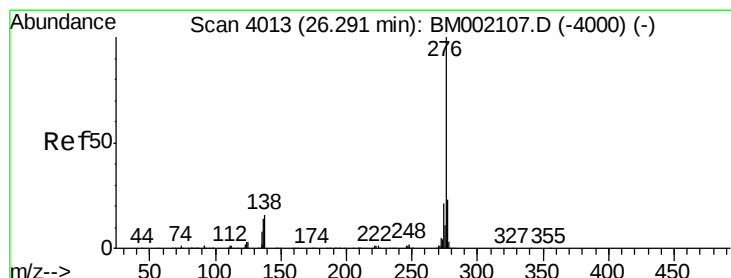
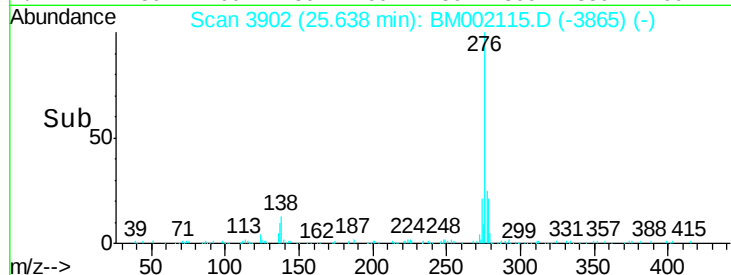
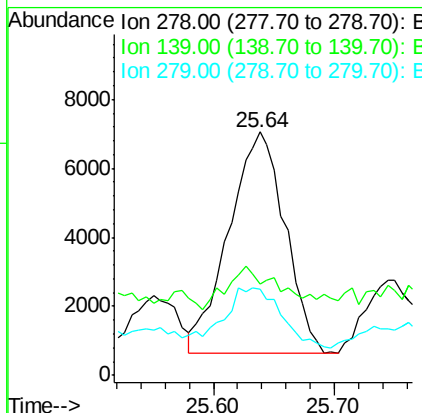
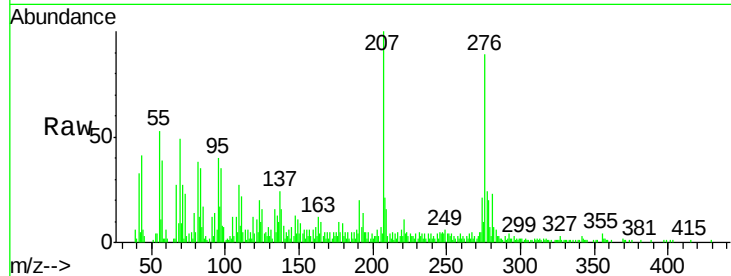
#93
Dibenzo(a,h)anthracene
Concen: 1.05 ng/ul
RT: 25.64 min Scan# 3902
Delta R.T. 0.02 min
Lab File: BM002115.D
Acq: 29 Jul 2015 04:41

Instrument :
BNA_M
ClientSampleId :
C02L1

Tot Ion	Ratio	Lower	Upper
278	100		
139	37.4	10.6	16.0#
279	35.1	18.5	27.7#

Manual Integrations
APPROVED

apatel
7/30/2015 7:48:23 AM



#94
Benzo(g,h,i)perylene
Concen: 4.23 ng/ul
RT: 26.32 min Scan# 4018
Delta R.T. 0.03 min
Lab File: BM002115.D
Acq: 29 Jul 2015 04:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	13.8	20.6
277	23.3	18.2	27.2

