

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
 Data File : BM002114.D
 Acq On : 29 Jul 2015 04:04
 Operator : TP/UM
 Sample : G3048-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02H0

Manual Integrations
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 7/30/2015 7:48:14 AM

Quant Time: Jul 29 07:09:24 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	55873	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	225980	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	142996	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	321800	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	382898	20.00	ng/ul	0.01
86) Perylene-d12	23.43	264	387527	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	1871	1.73	ng/uL	0.00
5) Phenol-d5	6.78	99	34603	8.66	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	22295	10.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	32451	9.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	15876	5.00	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	15093	9.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	12541	7.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	29784	8.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	10278	2.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	91973	8.78	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	107403	8.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	8531	4.88	ng/ul	0.02
58) Fluorene-d10	15.26	176	75055	8.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	351	0.18	ng/ul	0.01
71) Anthracene-d10	17.11	188	107814	7.51	ng/ul	0.00
79) Pyrene-d10	19.42	212	118419	7.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	118039	6.28	ng/ul	0.02

Target Compounds

					Ovalue
6) Phenol	6.82	94	25364	6.21 ng/ul	93
14) Acetophenone	8.42	105	10386	2.07 ng/ul	92
45) Dimethylphthalate	13.72	163	41600	3.98 ng/ul	99
70) Phenanthrene	17.06	178	111545	6.69 ng/ul	98
72) Anthracene	17.14	178	22530m	1.32 ng/ul	
77) Fluoranthene	19.08	202	165687	8.61 ng/ul	98
80) Pyrene	19.44	202	171445	8.23 ng/ul#	96
83) Benzo(a)anthracene	21.20	228	67277	3.17 ng/ul#	89
84) Bis(2-ethylhexyl)phthalate	21.13	149	19060	1.56 ng/ul#	88
85) Chrysene	21.25	228	85620	4.31 ng/ul#	94
88) Benzo(b)fluoranthene	22.76	252	131518	6.04 ng/ul#	52
91) Benzo(a)pyrene	23.33	252	76825	3.66 ng/ul#	77
92) Indeno(1,2,3-cd)pyrene	25.64	276	62554	2.58 ng/ul	96
94) Benzo(g,h,i)perylene	26.32	276	63633	3.13 ng/ul#	90

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

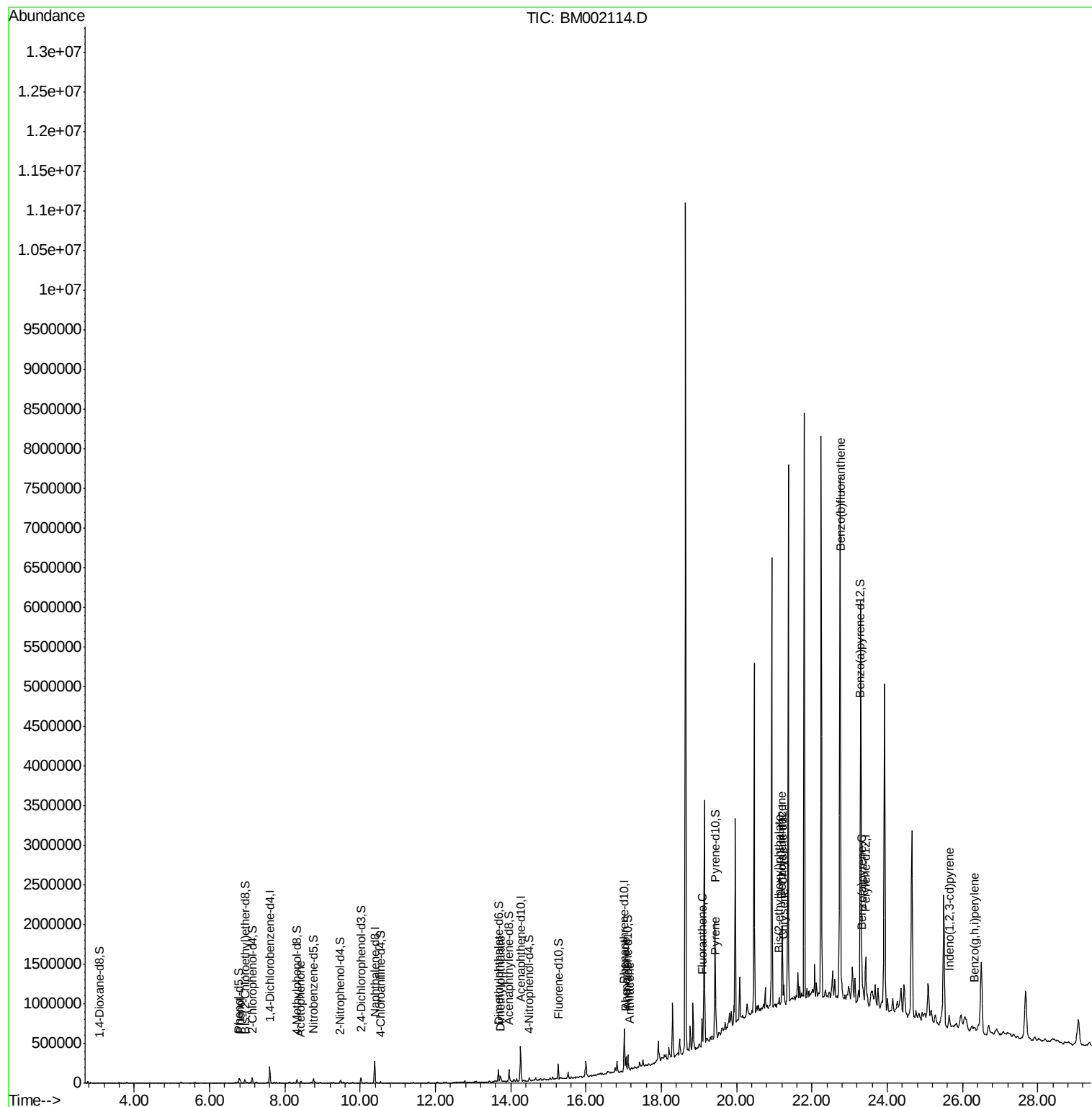
Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002114.D
Acq On : 29 Jul 2015 04:04
Operator : TP/UM
Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

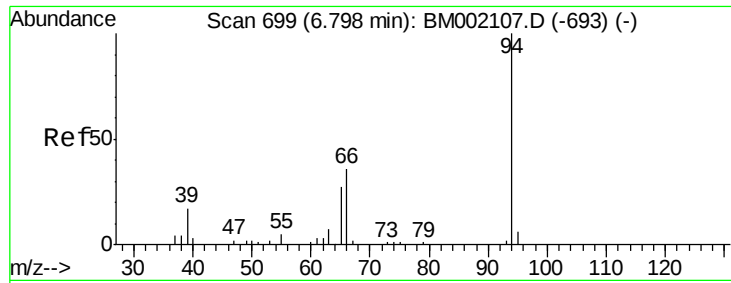
Instrument :
BNA_M
ClientSampleId :
C02H0

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Quant Time: Jul 29 07:09:24 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





#6

Phenol

Concen: 6.21 ng/ul

RT: 6.82 min Scan# 702

Delta R.T. 0.02 min

Lab File: BM002114.D

Acq: 29 Jul 2015 04:04

Instrument :

BNA_M

ClientSampleId :

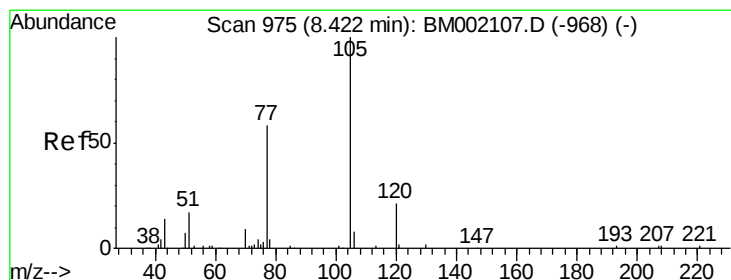
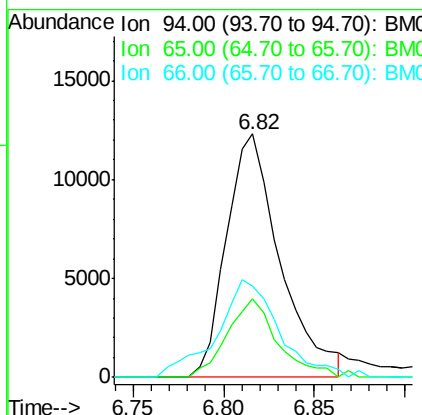
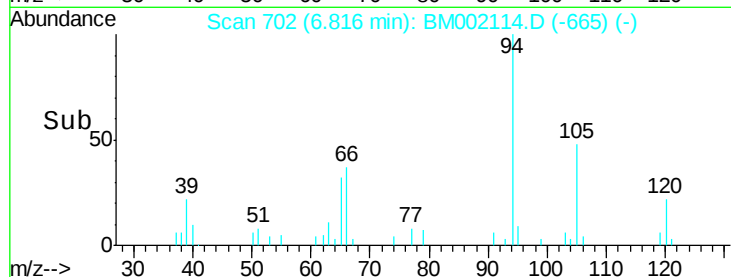
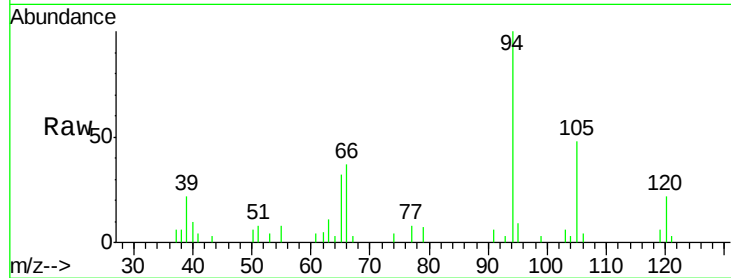
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Tot Ion:	94	Resp:	25364
Ion Ratio	Lower	Upper	
94	100		
65	32.4	21.8	32.8
66	37.5	32.3	48.5



#14

Acetophenone

Concen: 2.07 ng/ul

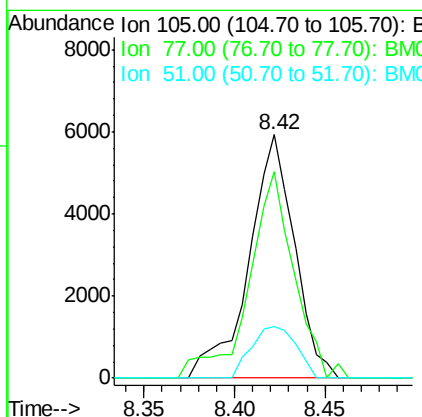
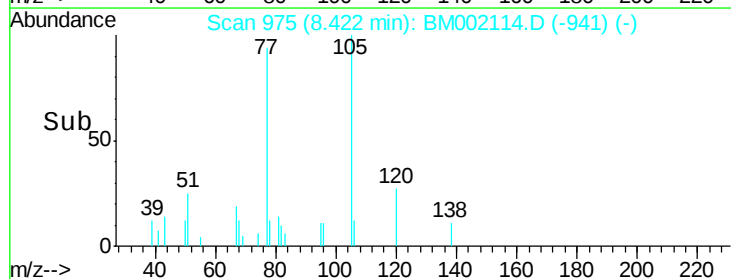
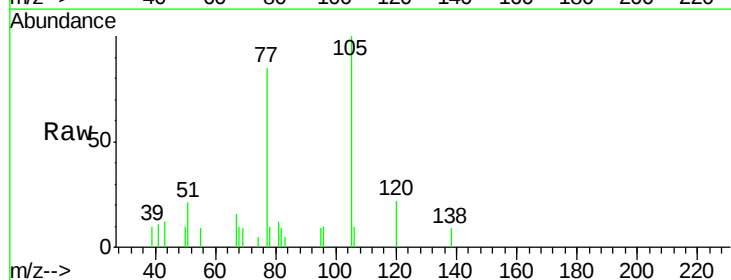
RT: 8.42 min Scan# 975

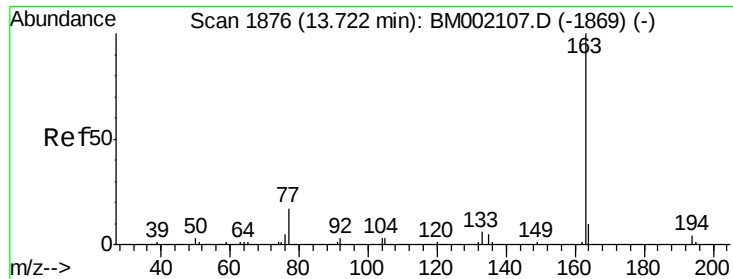
Delta R.T. -0.00 min

Lab File: BM002114.D

Acq: 29 Jul 2015 04:04

Tgt Ion:	105	Resp:	10386
Ion Ratio	Lower	Upper	
105	100		
77	84.7	61.8	92.8
51	21.0	18.5	27.7





#45

Dimethylphthalate

Concen: 3.98 ng/ul

RT: 13.72 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BM002114.D

Acq: 29 Jul 2015 04:04

Instrument :

BNA_M

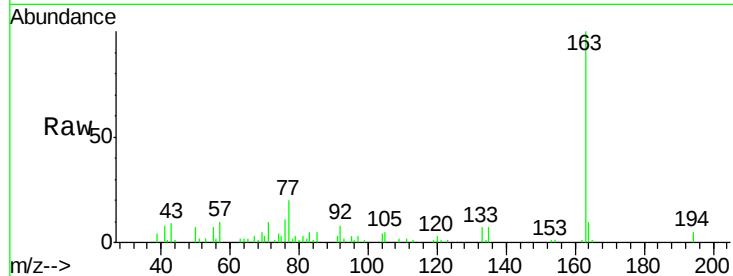
ClientSampleId :

C02H0

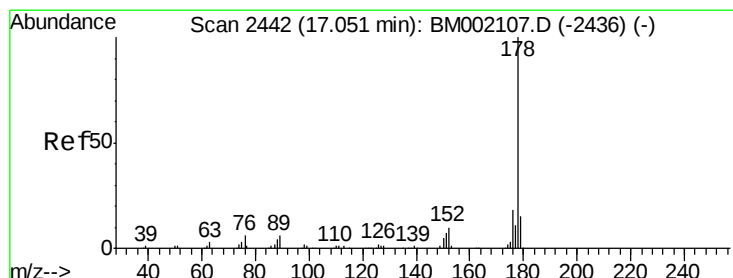
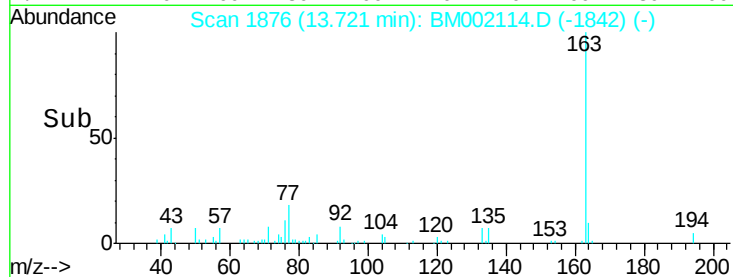
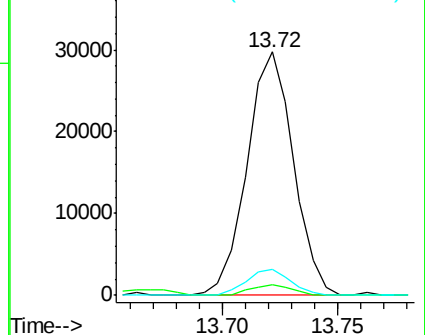
Tot Ion:	163	Resp:	41600
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	10.5	8.0	12.0

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#70

Phenanthrene

Concen: 6.69 ng/ul

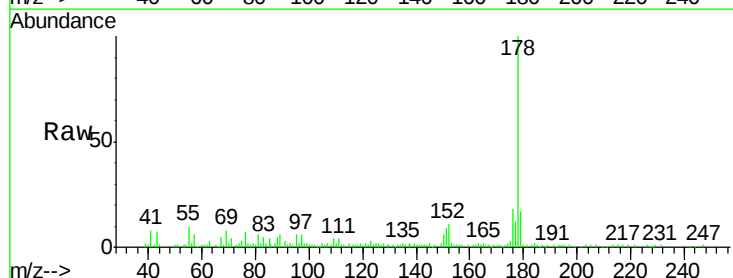
RT: 17.06 min Scan# 2443

Delta R.T. 0.01 min

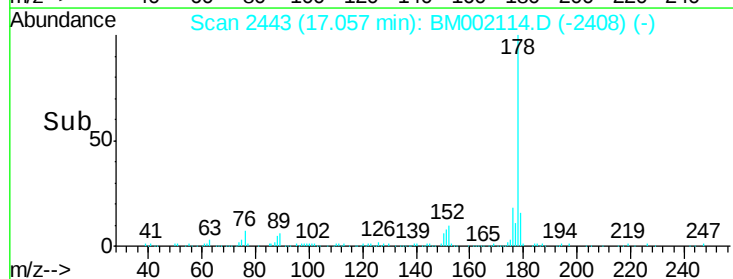
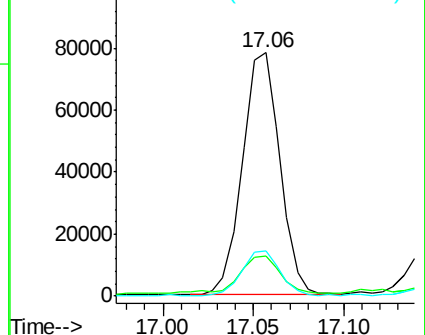
Lab File: BM002114.D

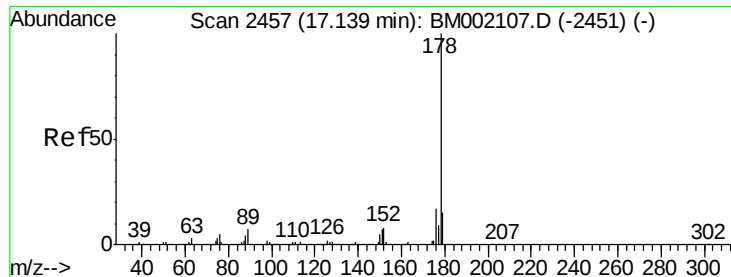
Acq: 29 Jul 2015 04:04

Tgt Ion:	178	Resp:	111545
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.5	18.7
176	18.4	14.2	21.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.32 ng/ul m

RT: 17.14 min Scan# 2458

Delta R.T. 0.01 min

Lab File: BM002114.D

Acq: 29 Jul 2015 04:04

Instrument :

BNA_M

ClientSampleId :

C02H0

Tot Ion:178 Resp: 22530

Ion Ratio Lower Upper

178 100

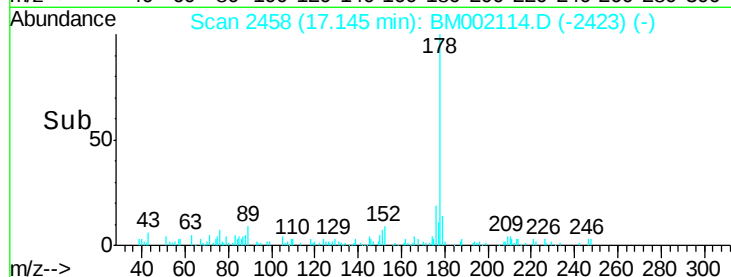
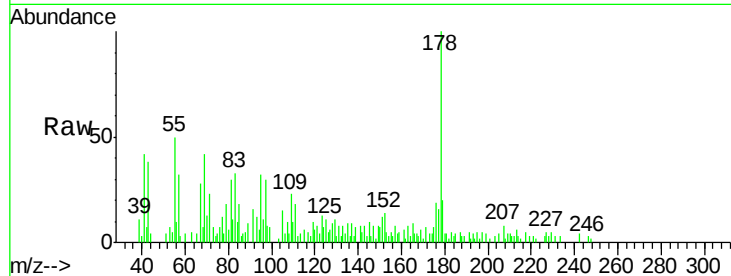
179 19.9 12.1 18.1#

176 18.6 14.1 21.1

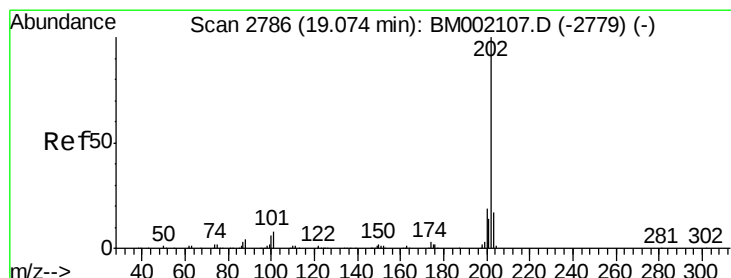
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Time-->



#77

Fluoranthene

Concen: 8.61 ng/ul

RT: 19.08 min Scan# 2787

Delta R.T. 0.01 min

Lab File: BM002114.D

Acq: 29 Jul 2015 04:04

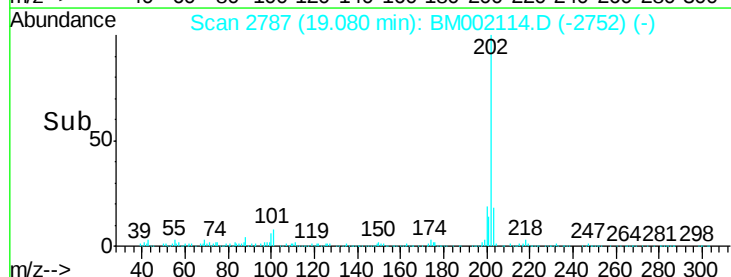
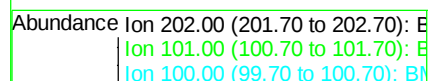
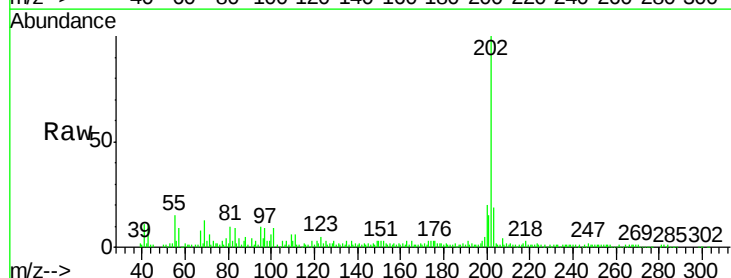
Tgt Ion:202 Resp: 165687

Ion Ratio Lower Upper

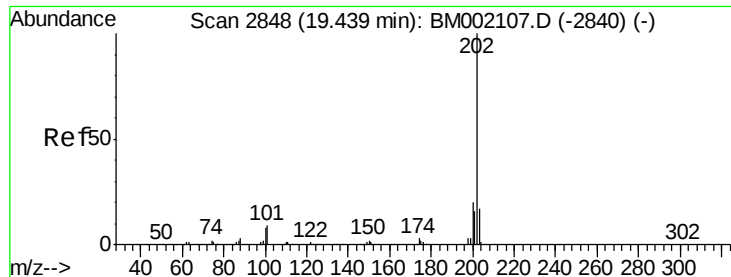
202 100

101 9.0 6.2 9.4

100 6.5 5.2 7.8



Time-->



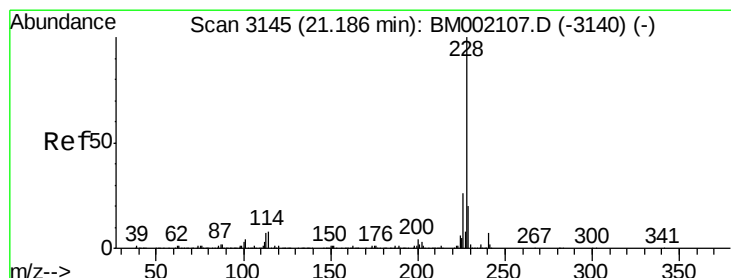
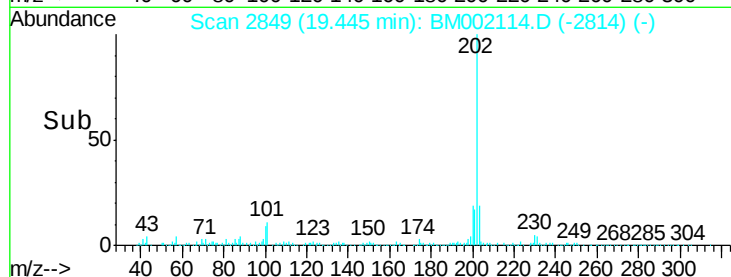
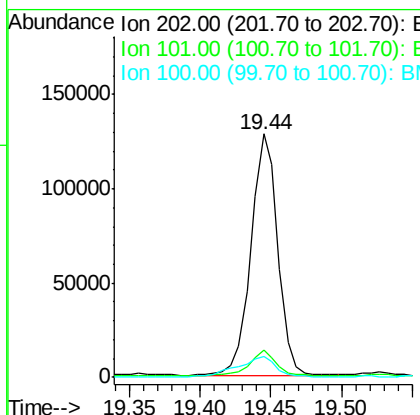
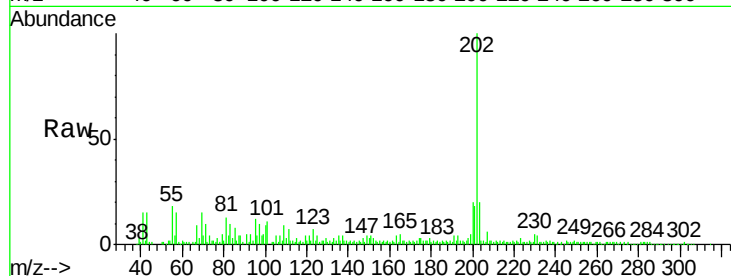
#80
Pvrene
Concen: 8.23 ng/ul
RT: 19.44 min Scan# 2849
Delta R.T. 0.01 min
Lab File: BM002114.D
Acq: 29 Jul 2015 04:04

Instrument :
BNA_M
ClientSampleId :
C02H0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	7.4	11.2#
100	8.6	6.3	9.5

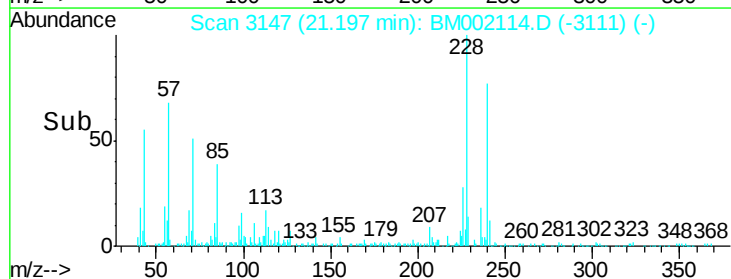
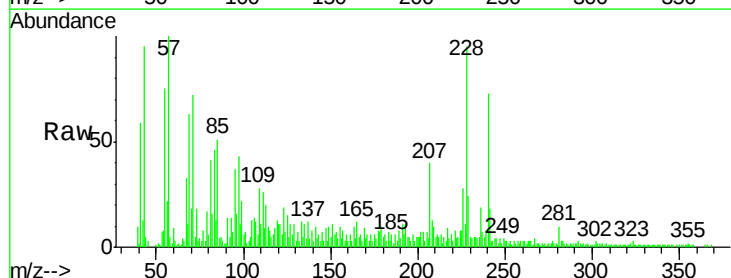
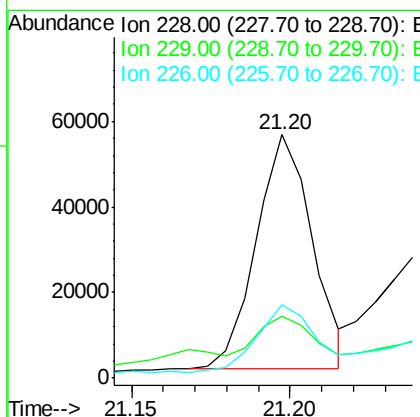
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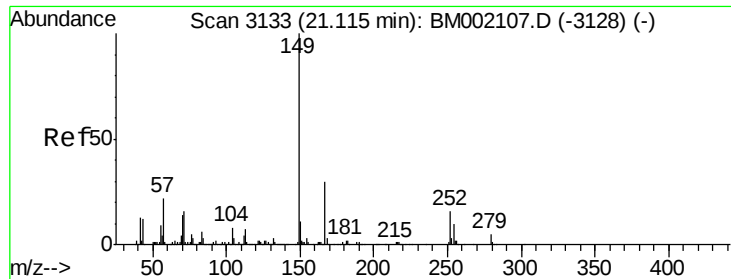
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#83
Benzo(a)anthracene
Concen: 3.17 ng/ul
RT: 21.20 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BM002114.D
Acq: 29 Jul 2015 04:04

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	25.5	15.4	23.2#
226	30.0	20.5	30.7





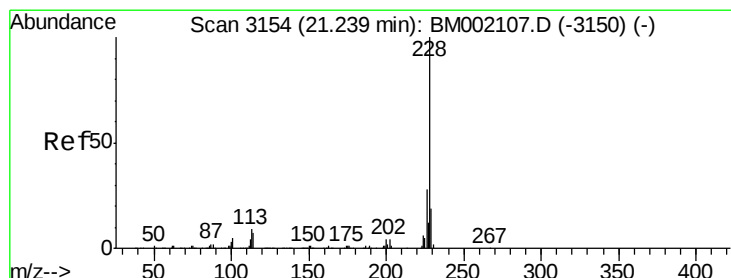
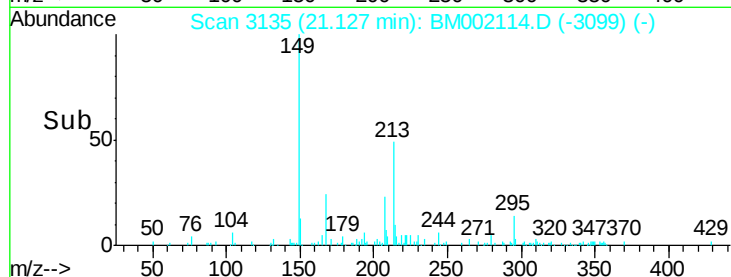
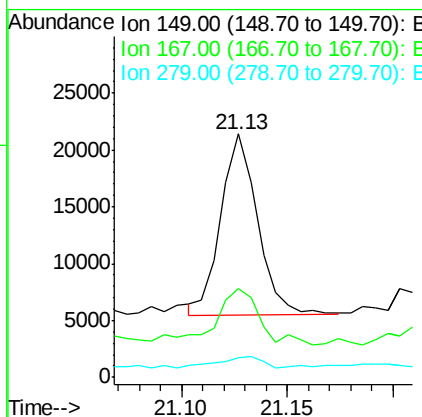
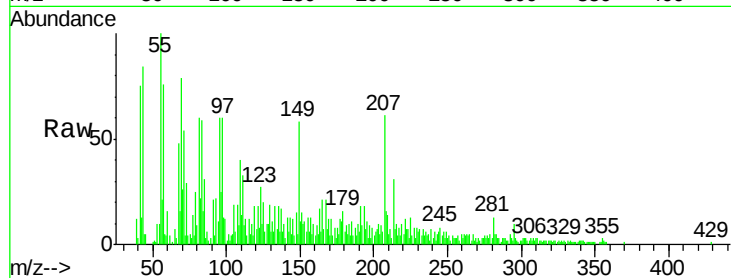
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.56 ng/ul
 RT: 21.13 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BM002114.D
 Acq: 29 Jul 2015 04:04

Instrument :
 BNA_M
 ClientSampleId :
 C02H0

Tot Ion	Ratio	Lower	Upper
149	100		
167	36.2	23.6	35.4#
279	8.2	4.2	6.4#

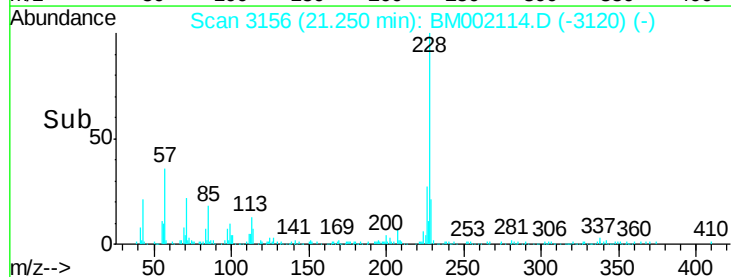
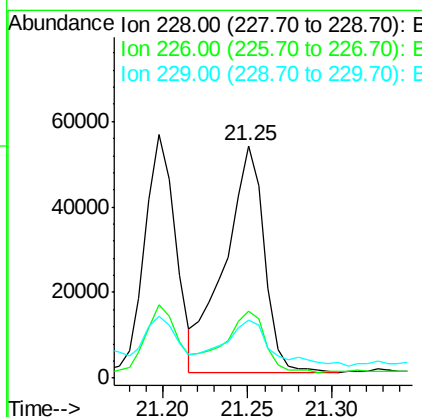
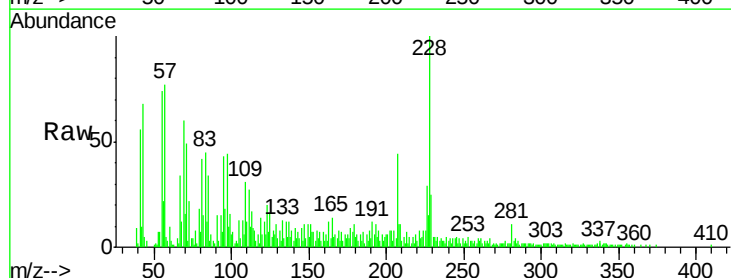
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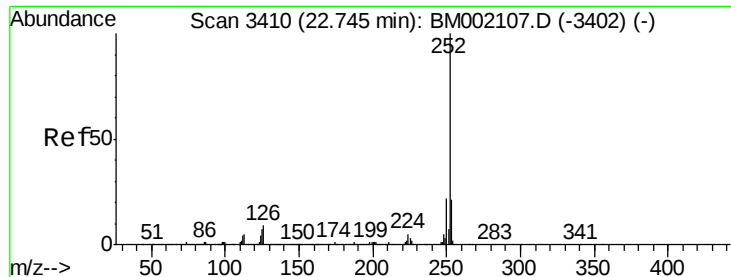
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#85
 Chrysene
 Concen: 4.31 ng/ul
 RT: 21.25 min Scan# 3156
 Delta R.T. 0.01 min
 Lab File: BM002114.D
 Acq: 29 Jul 2015 04:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.3	33.5
229	24.7	15.5	23.3#





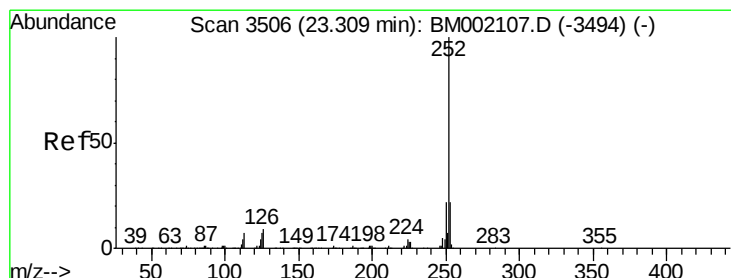
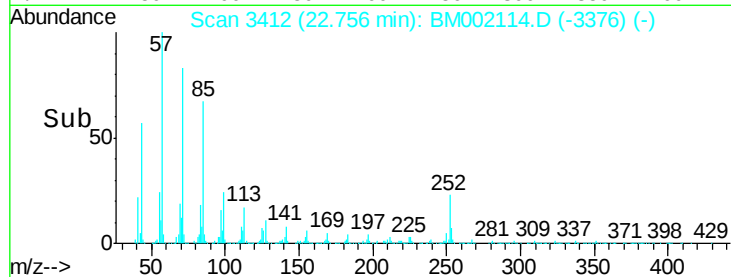
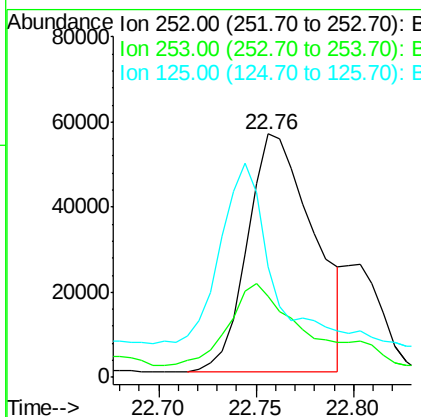
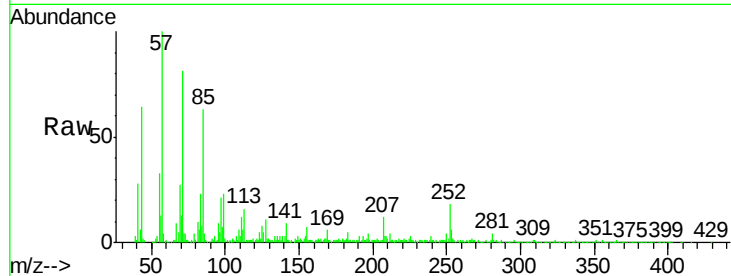
#88
Benzo(b)fluoranthene
Concen: 6.04 ng/ul
RT: 22.76 min Scan# 3412
Delta R.T. 0.01 min
Lab File: BM002114.D
Acq: 29 Jul 2015 04:04

Instrument :
BNA_M
ClientSampleId :
C02H0

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	33.3	16.9	25.3#
125	45.5	6.2	9.2#

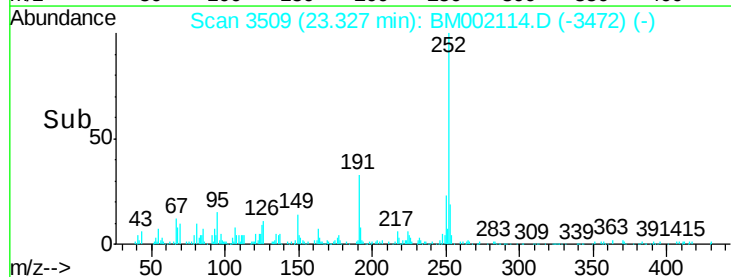
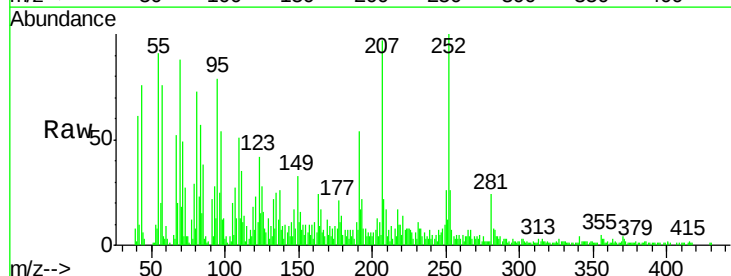
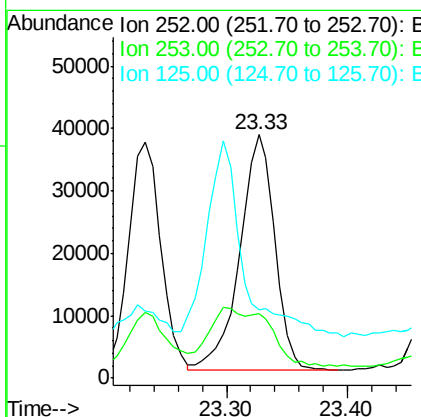
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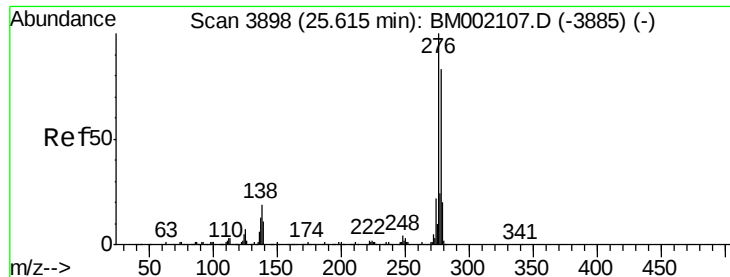
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#91
Benzo(a)pyrene
Concen: 3.66 ng/ul
RT: 23.33 min Scan# 3509
Delta R.T. 0.02 min
Lab File: BM002114.D
Acq: 29 Jul 2015 04:04

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	26.4	17.2	25.8#
125	28.2	6.6	10.0#





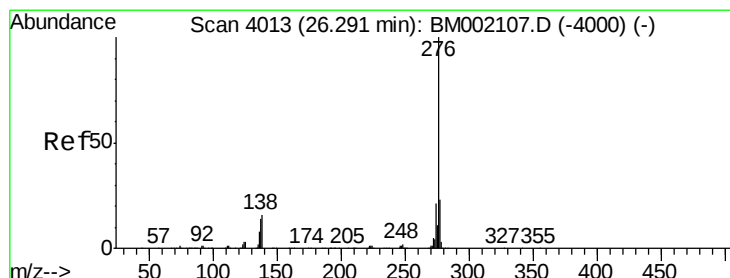
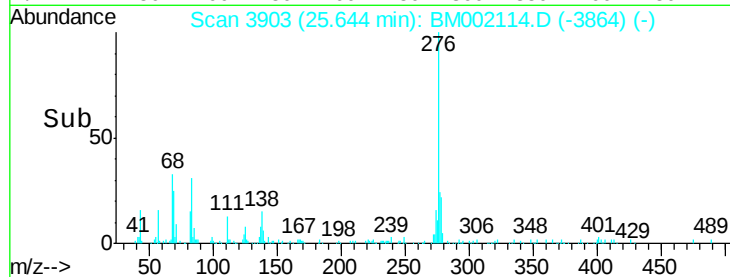
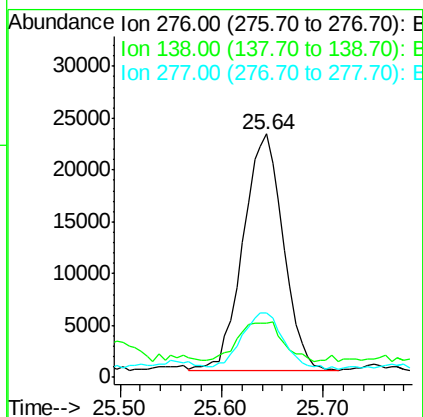
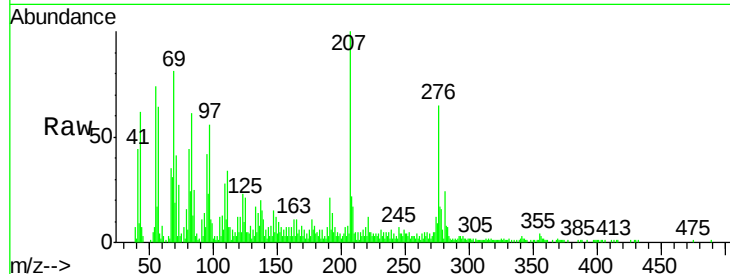
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.58 ng/ul
 RT: 25.64 min Scan# 3903
 Delta R.T. 0.03 min
 Lab File: BM002114.D
 Acq: 29 Jul 2015 04:04

Instrument :
 BNA_M
 ClientSampleId :
 C02H0

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	16.2	24.2
277	26.4	19.8	29.8

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#94
 Benzo(g,h,i)perylene
 Concen: 3.13 ng/ul
 RT: 26.32 min Scan# 4018
 Delta R.T. 0.03 min
 Lab File: BM002114.D
 Acq: 29 Jul 2015 04:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.9	13.8	20.6#
277	27.6	18.2	27.2#

