

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
 Data File : BM001955.D
 Acq On : 16 Jul 2015 20:32
 Operator : TP/UM
 Sample : G2998-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01F4

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Quant Time: Jul 17 01:59:59 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 17 01:40:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	86012	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	361319	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	223731	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	512325	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	547019	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	453257	20.00	ng/ul	0.00

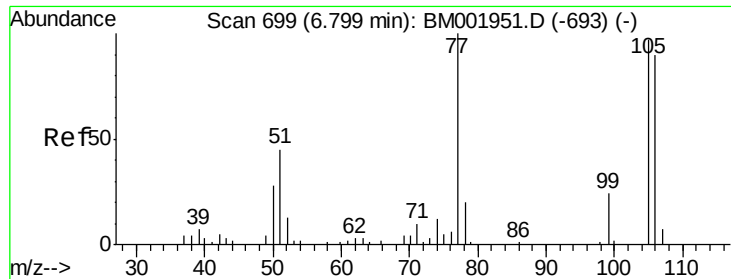
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3992	2.27	ng/uL	0.00
5) Phenol-d5	6.82	99	98067	13.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	56418	14.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	78744	14.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	75758	13.14	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	39142	14.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	44205	14.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	85136	14.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	45504	7.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	258861	14.35	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	257529	11.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	34414	11.26	ng/ul	0.00
57) Fluorene-d10	15.30	176	177459	11.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	19963	6.02	ng/ul	0.00
70) Anthracene-d10	17.15	188	256553	10.67	ng/ul	0.00
78) Pyrene-d10	19.46	212	252389	10.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	163074	7.11	ng/ul	0.00

Target Compounds

					Qvalue
4) Benzaldehyde	6.80	77	5163	1.52	ng/ul 92
6) Phenol	6.85	94	14346	1.98	ng/ul 98
14) Acetophenone	8.47	105	95596	10.49	ng/ul 98
44) Dimethylphthalate	13.77	163	144988	7.90	ng/ul 99
69) Phenanthrene	17.10	178	166974	6.02	ng/ul 100
71) Anthracene	17.19	178	34231	1.20	ng/ul 98
76) Fluoranthene	19.12	202	327039	10.08	ng/ul 99
79) Pyrene	19.49	202	297996	9.11	ng/ul 99
82) Benzo(a)anthracene	21.23	228	148960	4.58	ng/ul# 94
83) Bis(2-ethylhexyl)phthalate	21.16	149	20383	1.12	ng/ul# 93
84) Chrysene	21.29	228	159691	5.24	ng/ul 96
87) Benzo(b)fluoranthene	22.81	252	188875	6.80	ng/ul# 91
88) Benzo(k)fluoranthene	22.84	252	50088m	1.88	ng/ul
90) Benzo(a)pyrene	23.38	252	115666	4.43	ng/ul# 94
91) Indeno(1,2,3-cd)pyrene	25.71	276	74442	2.72	ng/ul 95
93) Benzo(g,h,i)perylene	26.40	276	54840	2.44	ng/ul 97

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



#4

Benzaldehyde

Concen: 1.52 ng/ul

RT: 6.80 min Scan# 699

Delta R.T. -0.00 min

Lab File: BM001955.D

Acq: 16 Jul 2015 20:32

Instrument :

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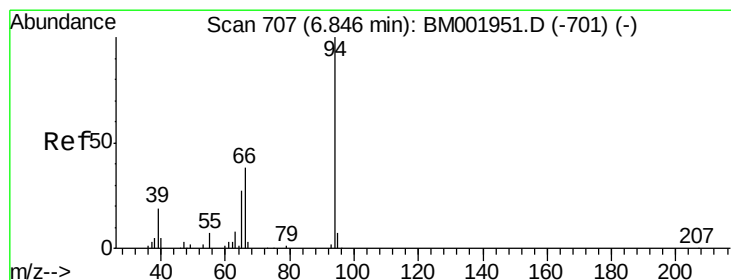
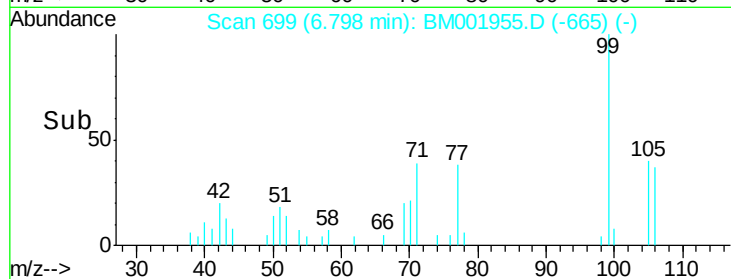
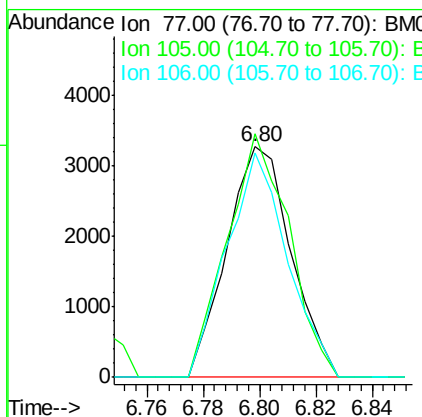
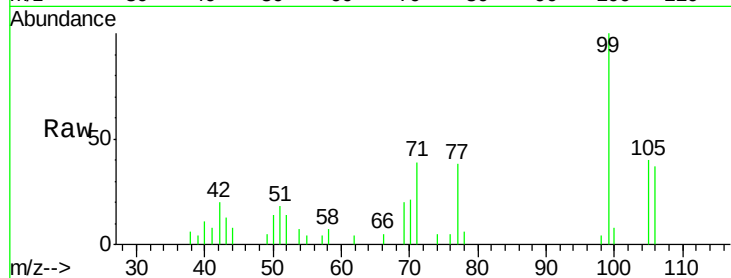
ClientSampleId :

C01F4

Tgt Ion:	77	Resp:	5163
Ion	Ratio	Lower	Upper
77	100		
105	105.6	77.1	115.7
106	97.5	73.1	109.7

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#6

Phenol

Concen: 1.98 ng/ul

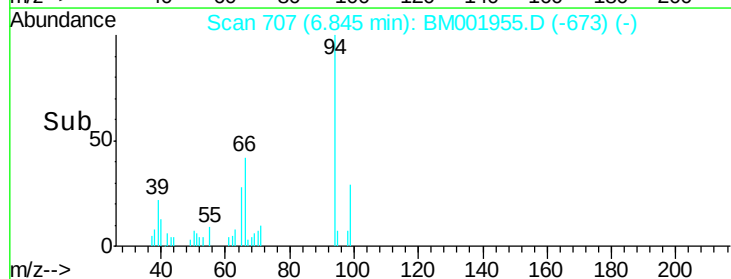
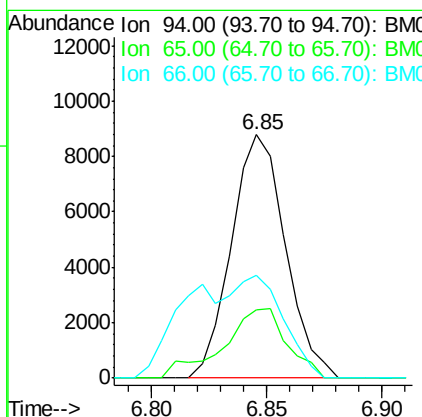
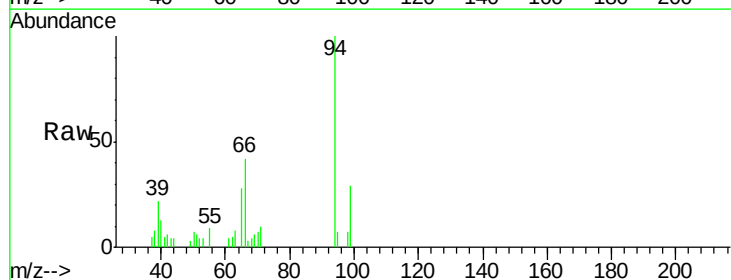
RT: 6.85 min Scan# 707

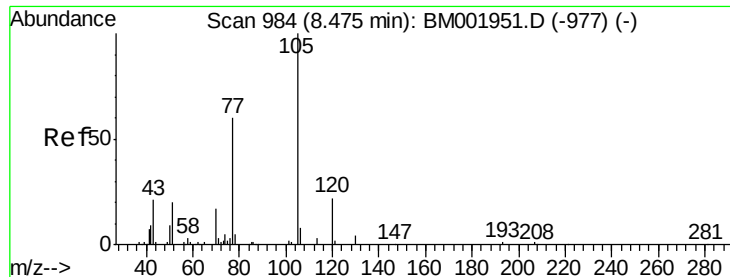
Delta R.T. -0.00 min

Lab File: BM001955.D

Acq: 16 Jul 2015 20:32

Tgt Ion:	94	Resp:	14346
Ion	Ratio	Lower	Upper
94	100		
65	28.1	23.6	35.4
66	42.0	33.0	49.6





#14

Acetophenone

Concen: 10.49 ng/ul

RT: 8.47 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM001955.D

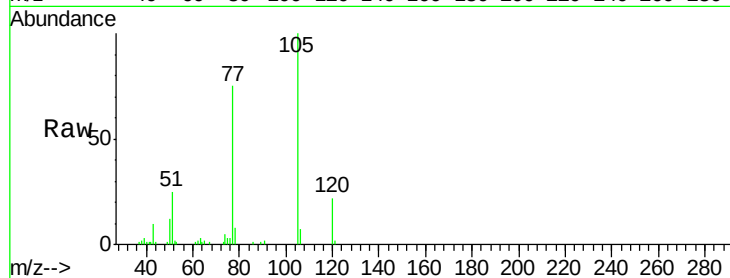
Acq: 16 Jul 2015 20:32

Instrument :

BNA_M

ClientSampleId :

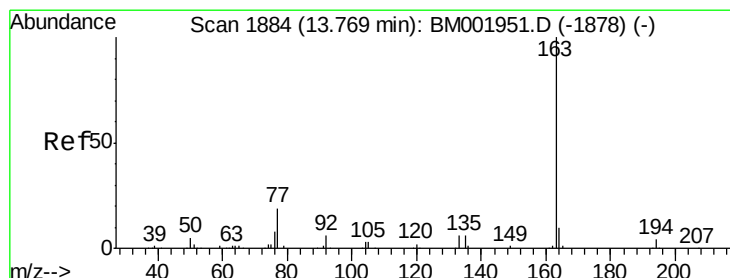
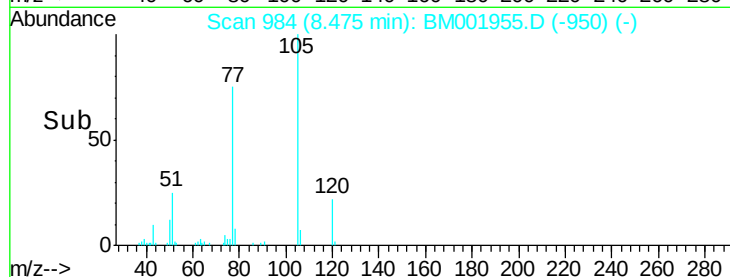
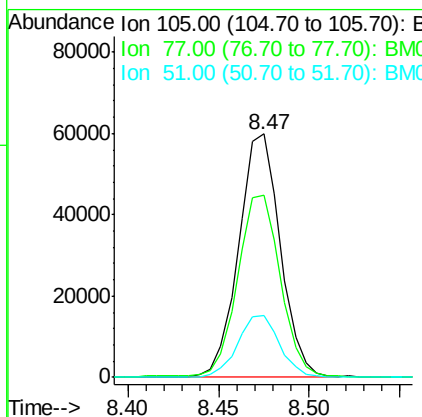
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Tgt Ion:	105	Resp:	95596
Ion Ratio		Lower	Upper
105	100		
77	74.6	61.7	92.5
51	25.4	20.2	30.4

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#44

Dimethylphthalate

Concen: 7.90 ng/ul

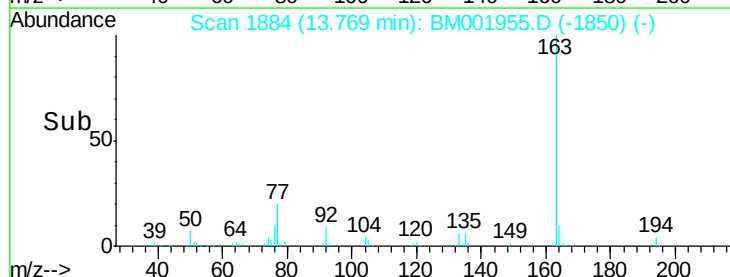
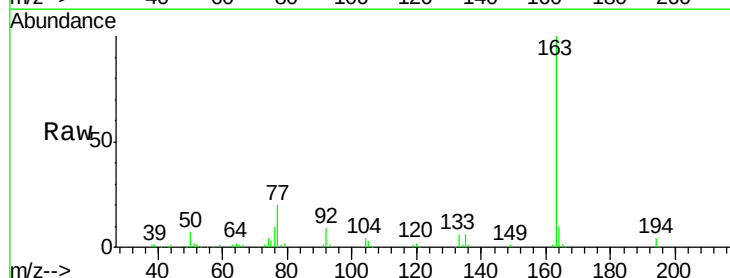
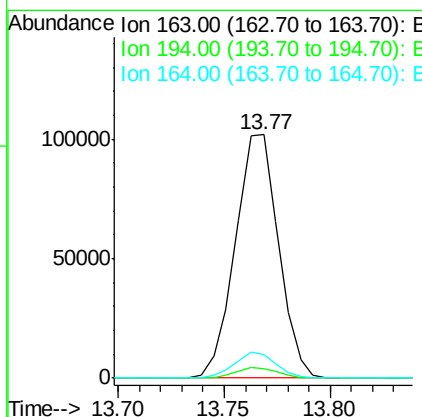
RT: 13.77 min Scan# 1884

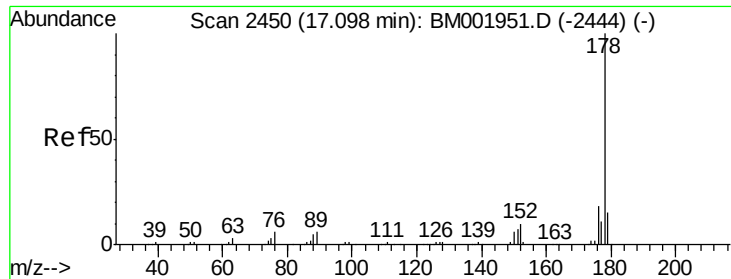
Delta R.T. -0.00 min

Lab File: BM001955.D

Acq: 16 Jul 2015 20:32

Tgt Ion:	163	Resp:	144988
Ion Ratio		Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.7	7.6	11.4





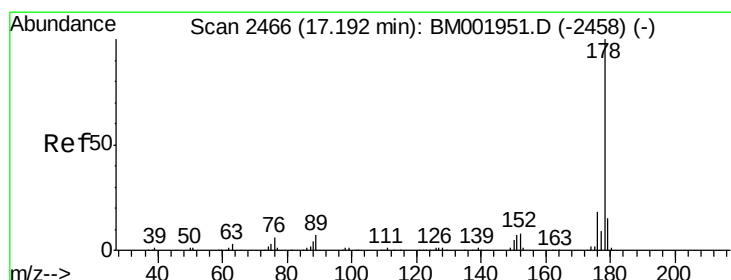
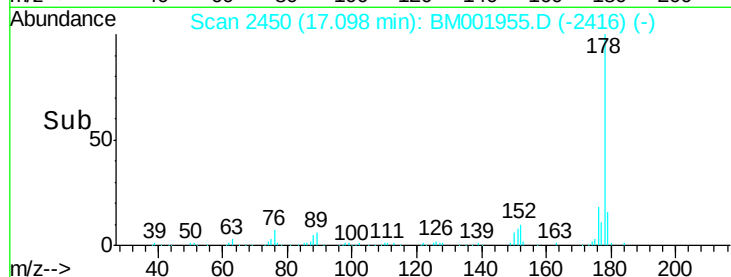
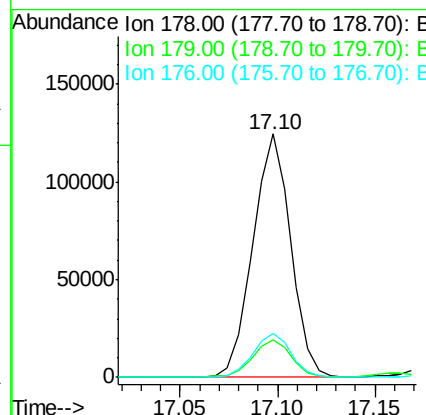
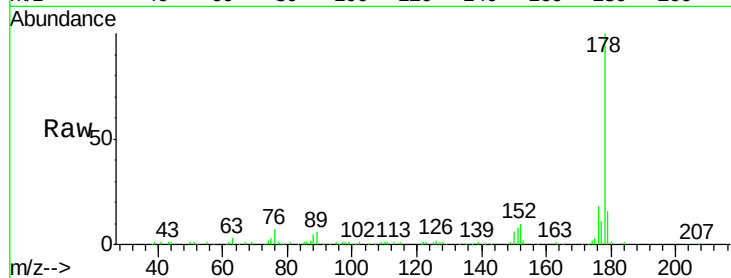
#69
Phenanthrene
Concen: 6.02 ng/ul
RT: 17.10 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Instrument :
BNA_M
ClientSampleId :
C01F4

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	166974		
179	15.6	12.2	18.2	
176	18.1	14.5	21.7	

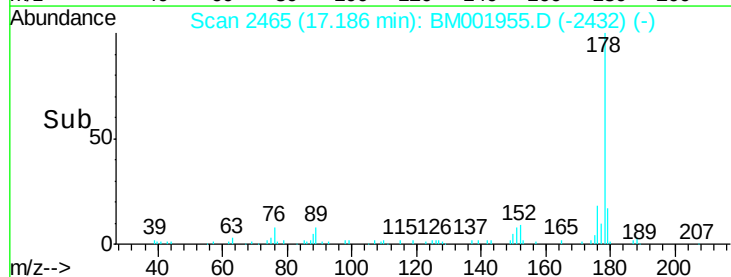
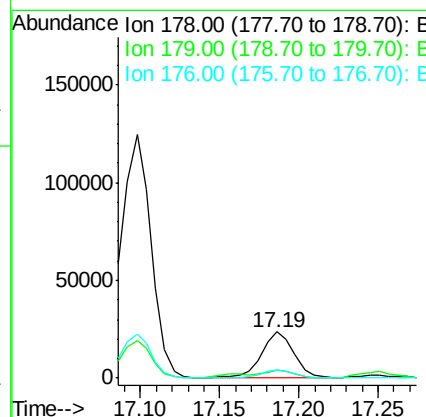
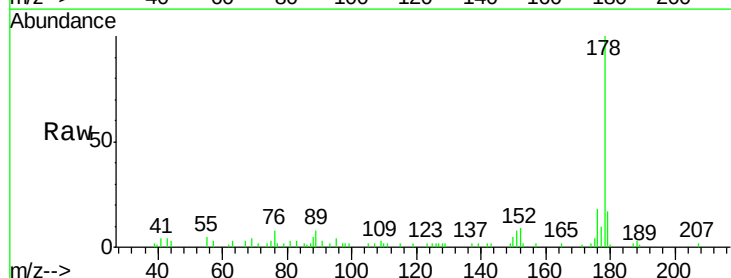
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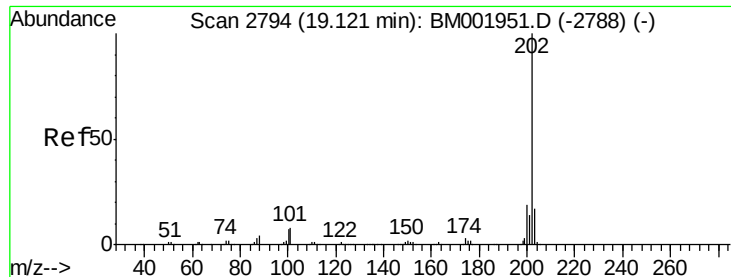
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#71
Anthracene
Concen: 1.20 ng/ul
RT: 17.19 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	34231		
179	16.9	12.4	18.6	
176	17.5	14.2	21.4	





#76

Fluoranthene

Concen: 10.08 ng/ul

RT: 19.12 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BM001955.D

Acq: 16 Jul 2015 20:32

Instrument :

BNA_M

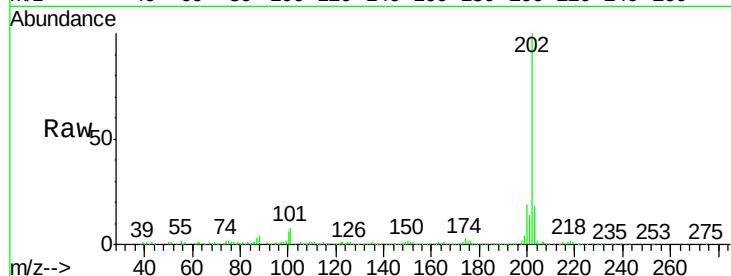
ClientSampleId :

C01F4

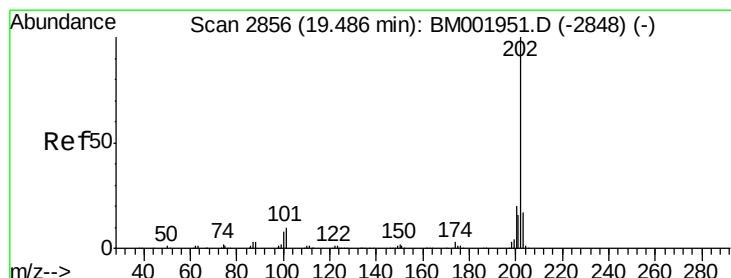
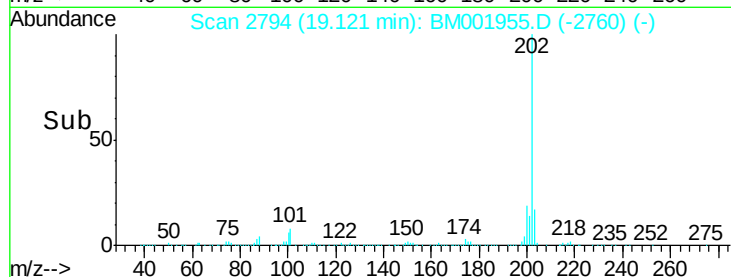
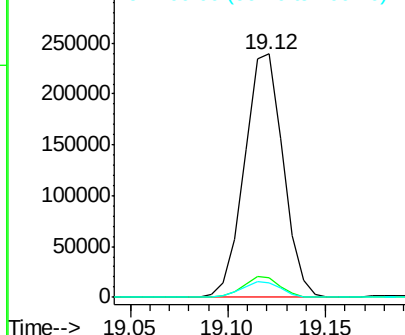
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	327039		
101	7.8	6.6	9.8	
100	6.1	5.2	7.8	

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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



#79

Pyrene

Concen: 9.11 ng/ul

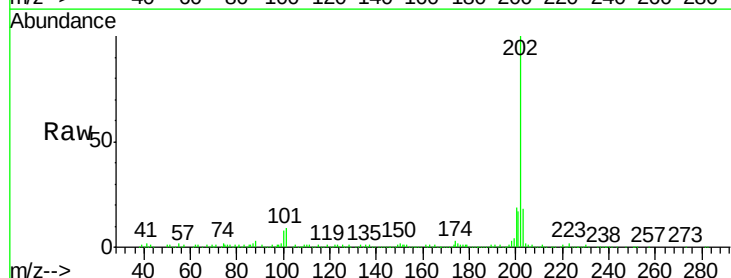
RT: 19.49 min Scan# 2856

Delta R.T. -0.00 min

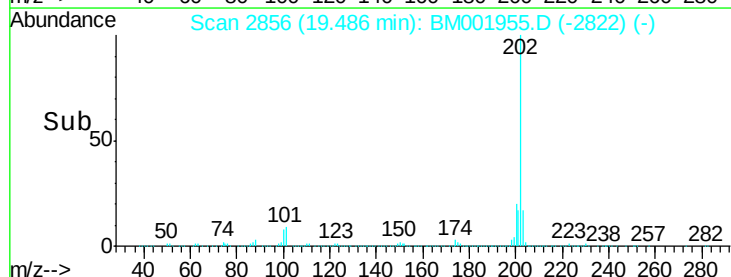
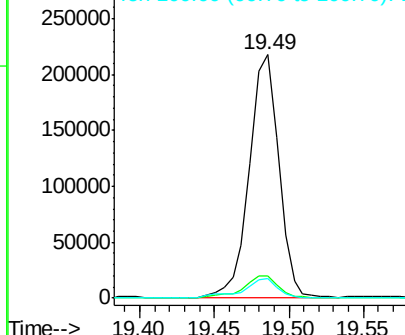
Lab File: BM001955.D

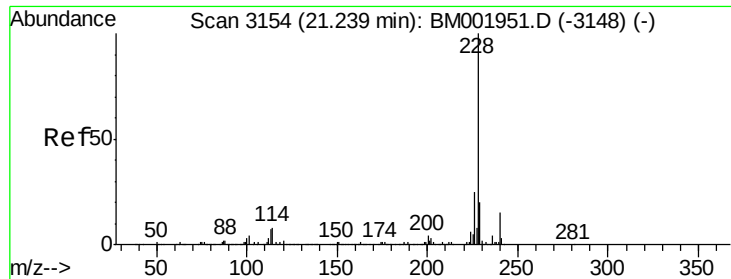
Acq: 16 Jul 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	297996		
101	9.0	7.4	11.0	
100	8.0	5.9	8.9	



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





#82

Benzo(a)anthracene

Concen: 4.58 ng/ul

RT: 21.23 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BM001955.D

Acq: 16 Jul 2015 20:32

Instrument :

BNA_M

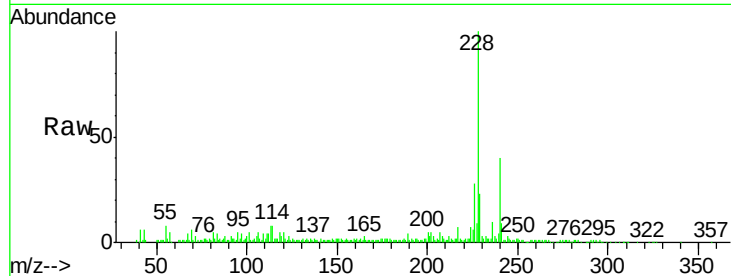
ClientSampleId :

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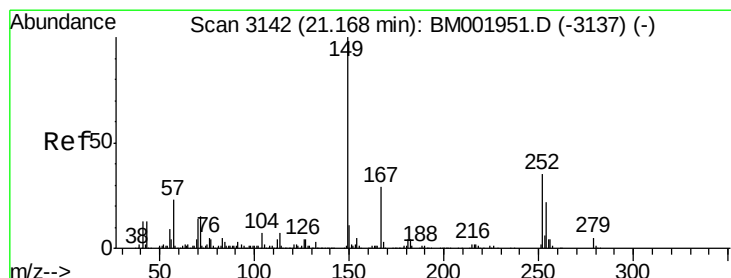
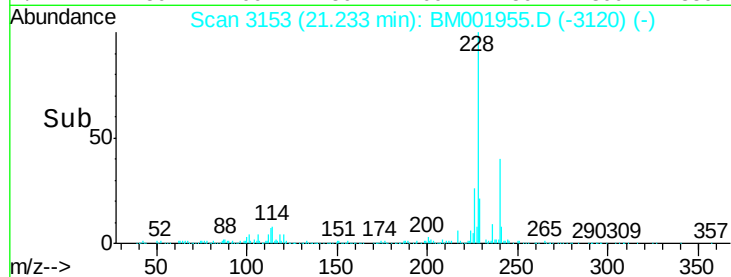
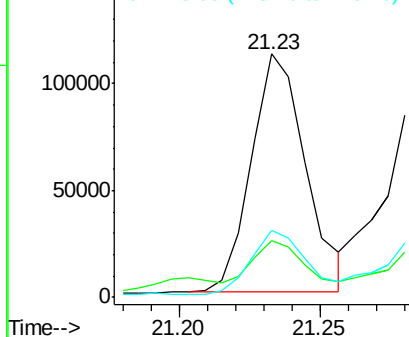
Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.2	22.8#
226	27.6	20.8	31.2

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.12 ng/ul

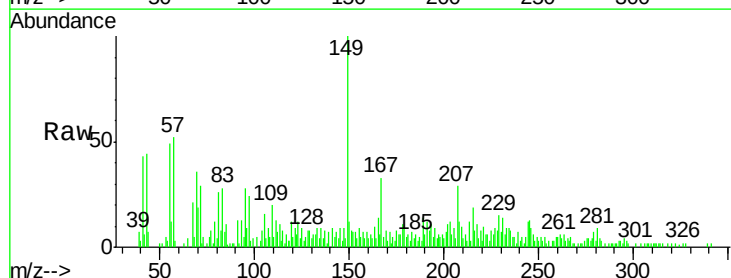
RT: 21.16 min Scan# 3141

Delta R.T. -0.01 min

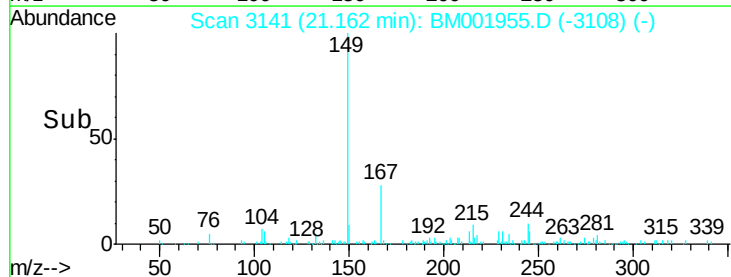
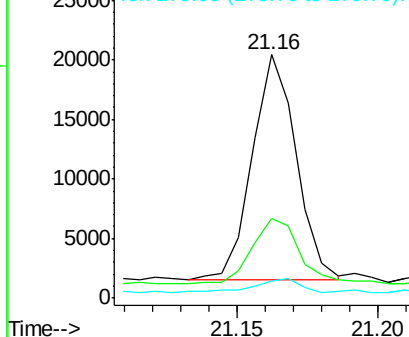
Lab File: BM001955.D

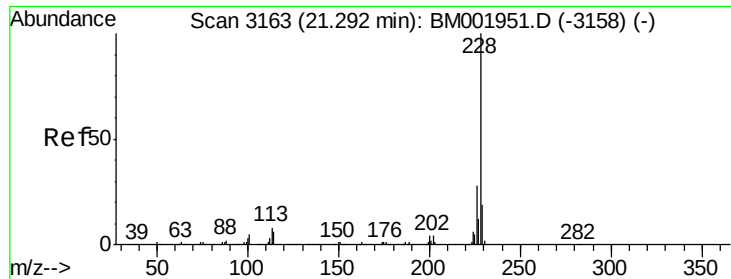
Acq: 16 Jul 2015 20:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.8	23.4	35.0
279	7.1	4.0	6.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 5.24 ng/ul

RT: 21.29 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BM001955.D

Acq: 16 Jul 2015 20:32

Instrument :

BNA_M

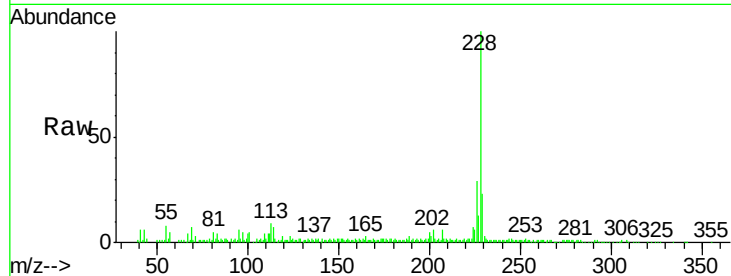
ClientSampleId :

C01F4

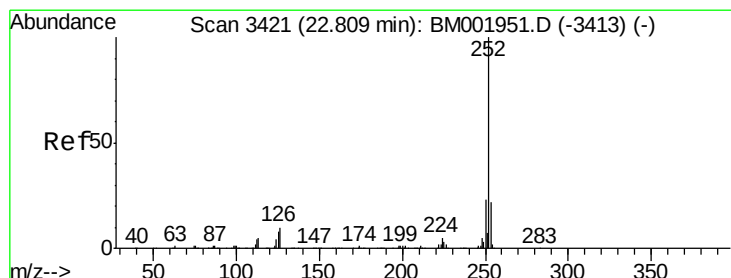
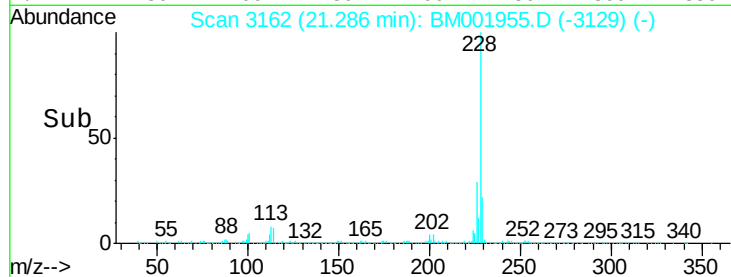
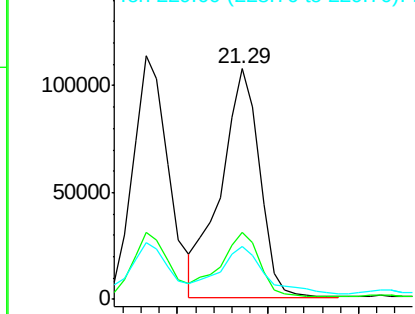
Tgt Ion:	228	Resp:	159691
Ion Ratio	Lower	Upper	
228	100		
226	29.2	22.6	33.8
229	22.8	15.4	23.0

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 6.80 ng/ul

RT: 22.81 min Scan# 3421

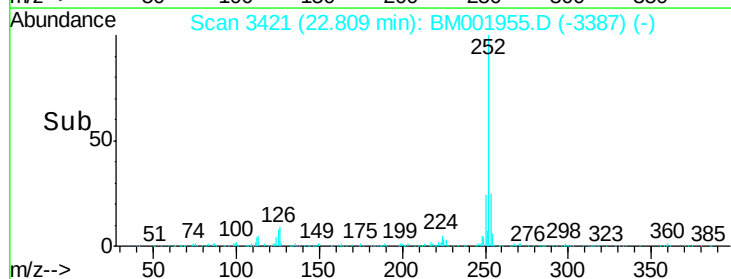
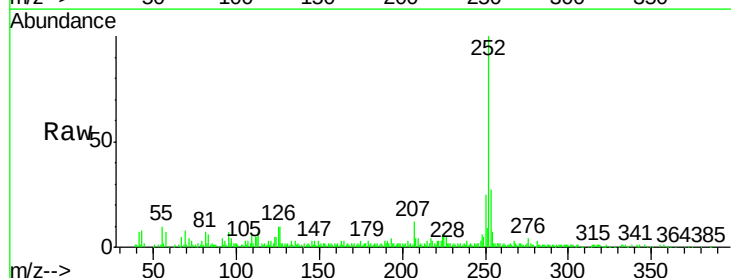
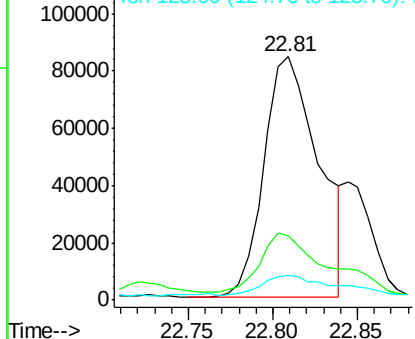
Delta R.T. -0.00 min

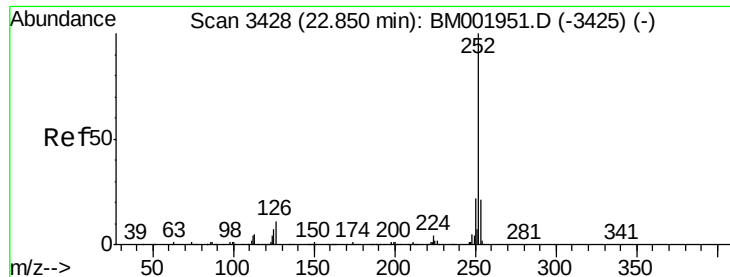
Lab File: BM001955.D

Acq: 16 Jul 2015 20:32

Tgt Ion:	252	Resp:	188875
Ion Ratio	Lower	Upper	
252	100		
253	26.5	17.6	26.4#
125	10.1	6.1	9.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





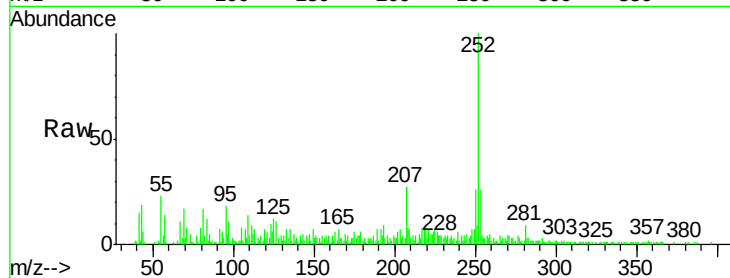
#88
Benzo(k)fluoranthene
Concen: 1.88 ng/ul m
RT: 22.84 min Scan# 3427
Delta R.T. -0.01 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Instrument :
BNA_M
ClientSampled :
C01F4

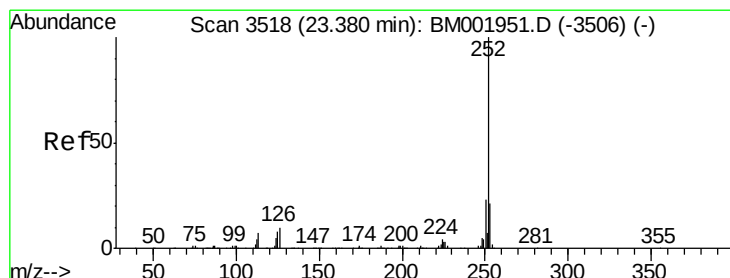
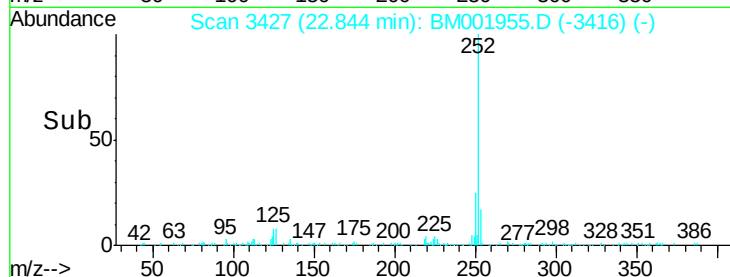
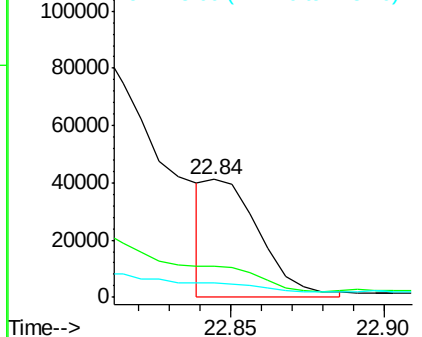
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.1	25.7#
125	12.2	5.6	8.4#

Manual Integrations
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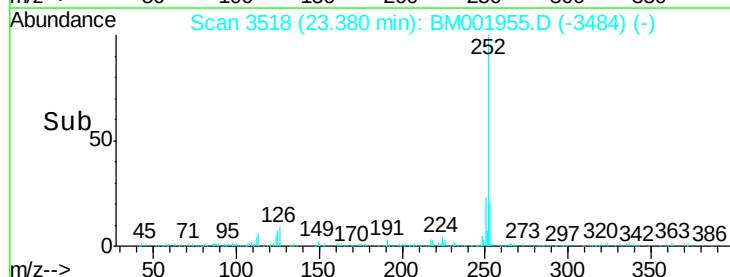
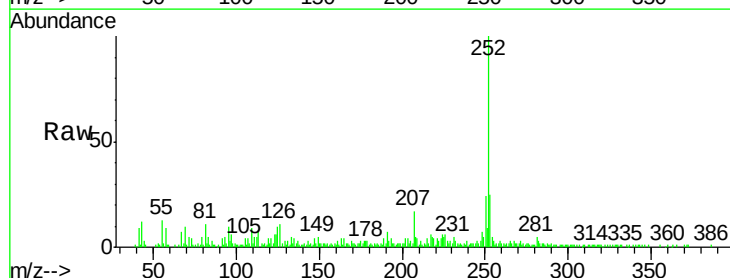
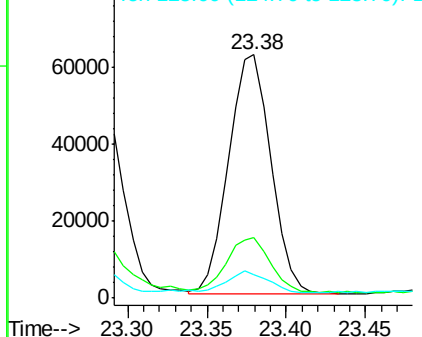
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

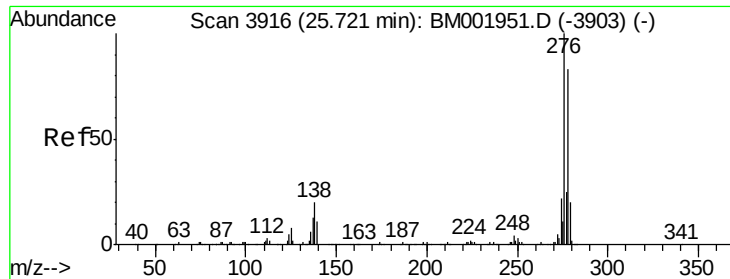


#90
Benzo(a)pyrene
Concen: 4.43 ng/ul
RT: 23.38 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.4	26.2
125	9.8	6.4	9.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





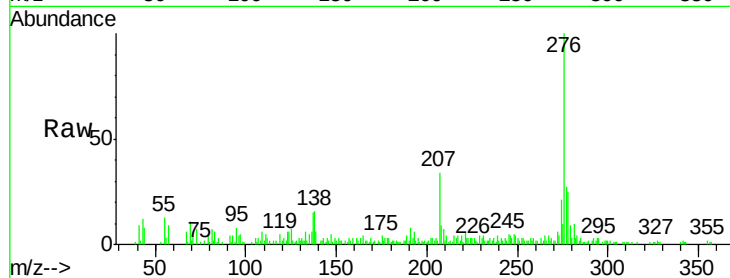
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 2.72 ng/ul
 RT: 25.71 min Scan# 3915
 Delta R.T. -0.01 min
 Lab File: BM001955.D
 Acq: 16 Jul 2015 20:32

Instrument :
 BNA_M
 ClientSampleId :
 C01F4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.3	15.4	23.0
277	26.5	19.9	29.9

Manual Integrations
 APPROVED

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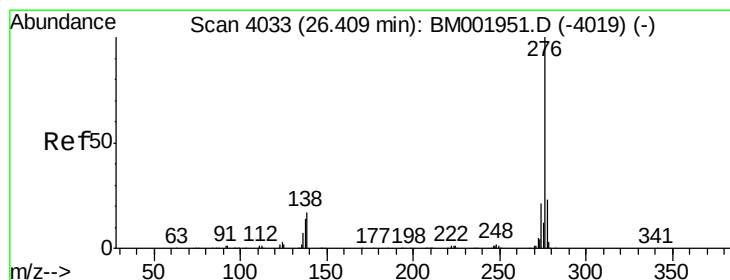
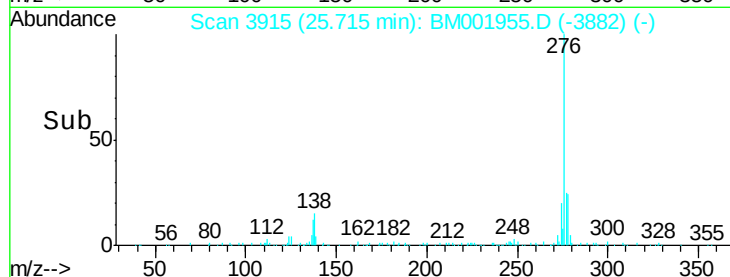
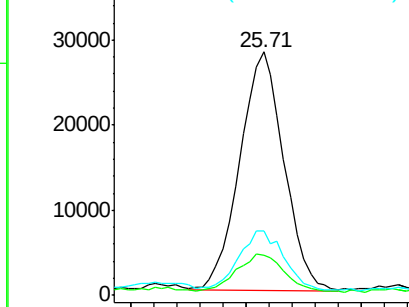


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93
 Benzo(g,h,i)perylene
 Concen: 2.44 ng/ul
 RT: 26.40 min Scan# 4031
 Delta R.T. -0.01 min
 Lab File: BM001955.D
 Acq: 16 Jul 2015 20:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.0	13.3	19.9
277	24.5	18.6	27.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

