

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
 Data File : BM009822.D
 Acq On : 30 Apr 2017 21:19
 Operator : SJ/MA
 Sample : I2849-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSW5

Manual Integrations
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Quant Time: May 01 17:00:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 02:28:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	199149	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	851711	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	525841	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.22	188	1110203	20.00	ng/ul	0.01
75) Chrysene-d12	21.41	240	1394406	20.00	ng/ul	0.02
83) Perylene-d12	23.74	264	1254600	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	13154	3.04	ng/uL	0.00
5) Phenol-d5	6.98	99	344255	15.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	282886	19.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	260586	18.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	259893	15.41	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	142412	20.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	149424	20.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	283058	19.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	200841	11.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	918130	20.07	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1164028	21.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	168697	19.11	ng/ul	0.01
57) Fluorene-d10	15.46	176	844818	20.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	52201	6.66	ng/ul	0.00
70) Anthracene-d10	17.32	188	1249970	21.93	ng/ul	0.00
76) Pyrene-d10	19.62	212	1321652	21.48	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.60	264	1367312	22.41	ng/ul	0.05

Target Compounds

						Ovalue
6) Phenol	7.01	94	27077	1.21	ng/ul#	69
28) Naphthalene	10.66	128	241369	5.32	ng/ul#	87
34) 2-Methylnaphthalene	12.27	142	119783	3.43	ng/ul	87
44) Dimethylphthalate	13.92	163	198583m	4.39	ng/ul	
69) Phenanthrene	17.26	178	221754	3.47	ng/ul#	74
74) Fluoranthene	19.28	202	880839	10.95	ng/ul#	89
77) Pyrene	19.65	202	1903761	24.17	ng/ul#	91
80) Benzo(a)anthracene	21.39	228	483964	5.85	ng/ul#	81
81) Bis(2-ethylhexyl)phthalate	21.30	149	5377777	108.69	ng/ul	93
82) Chrysene	21.44	228	648178	8.71	ng/ul#	81
88) Benzo(a)pyrene	23.64	252	802131	10.58	ng/ul#	55
89) Indeno(1,2,3-cd)pyrene	26.11	276	463506	5.65	ng/ul#	81
91) Benzo(g,h,i)perylene	26.85	276	363855	5.52	ng/ul#	69

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

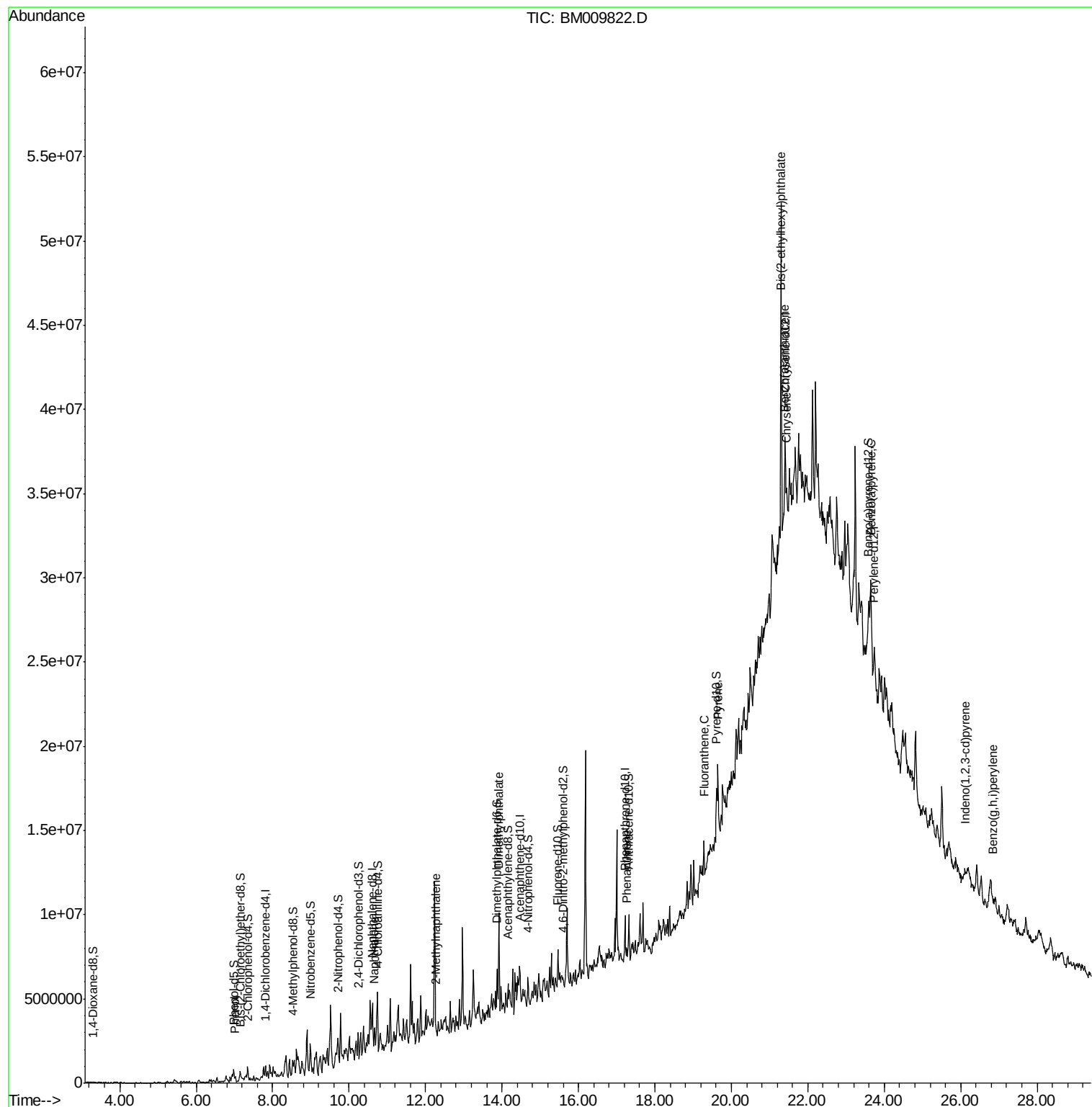
Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009822.D
Acq On : 30 Apr 2017 21:19
Operator : SJ/MA
Sample : I2849-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

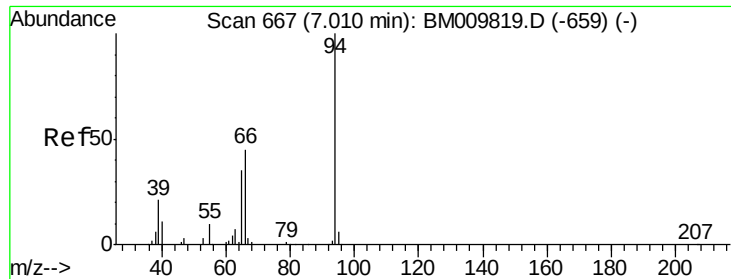
Instrument :
BNA_M
ClientSampleId :
JHSW5

Quant Time: May 01 17:00:42 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 02:28:42 2017
Response via : Initial Calibration

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#6

Phenol

Concen: 1.21 ng/ul

RT: 7.01 min Scan# 667

Delta R.T. -0.00 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

Instrument :

BNA_M

ClientSampled :

JHSW5

Tot Ion: 94 Resp: 27077

Ion Ratio Lower Upper

94 100

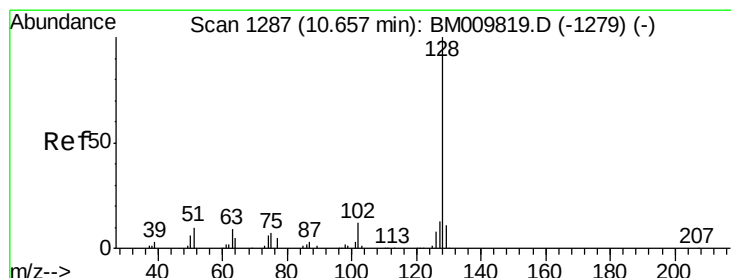
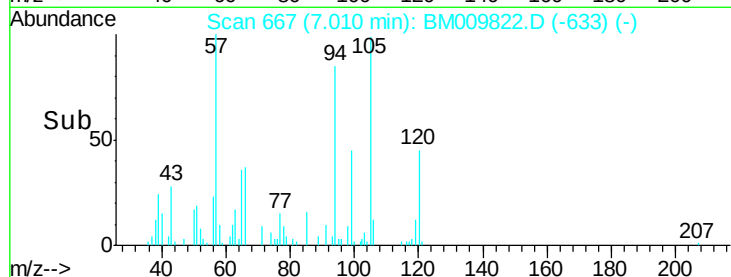
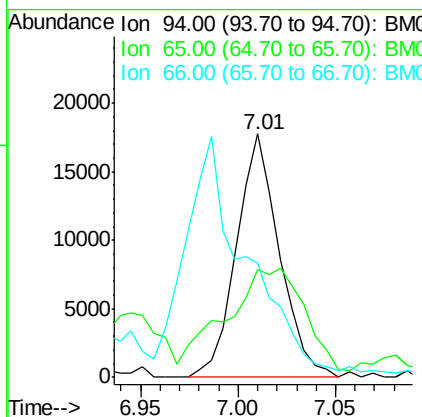
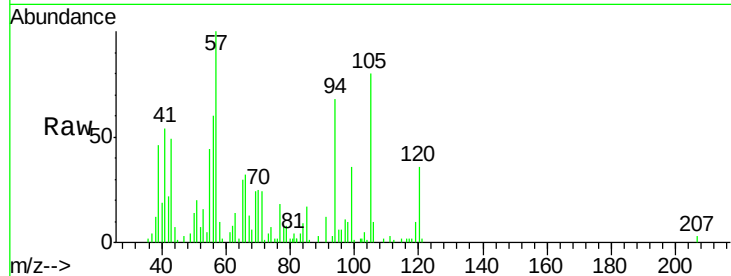
65 44.4 39.8 59.6

66 46.9 69.9 104.9#

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#28

Naphthalene

Concen: 5.32 ng/ul

RT: 10.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

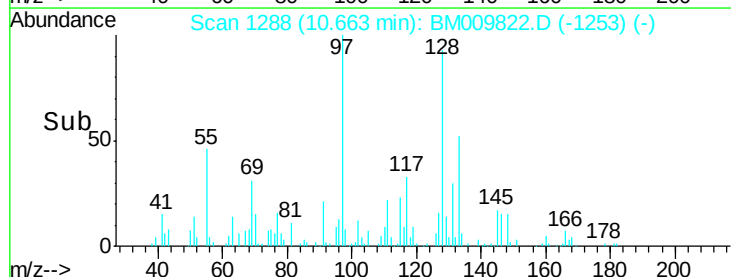
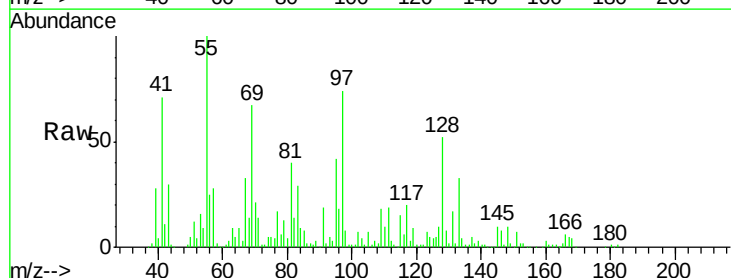
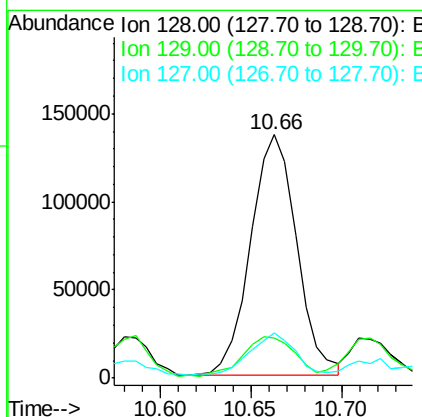
Tgt Ion:128 Resp: 241369

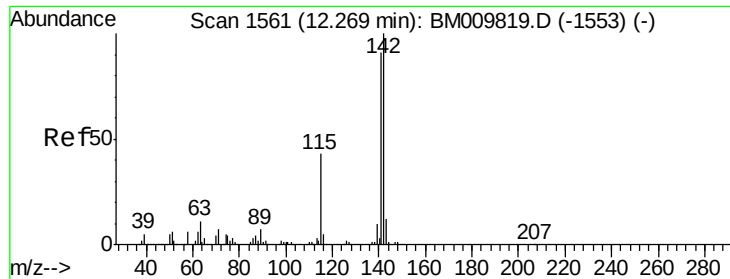
Ion Ratio Lower Upper

128 100

129 16.3 9.7 14.5#

127 18.6 10.2 15.4#





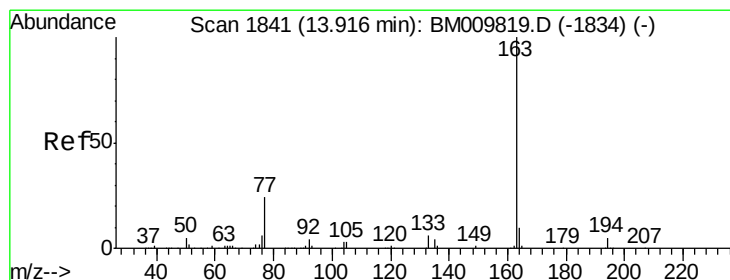
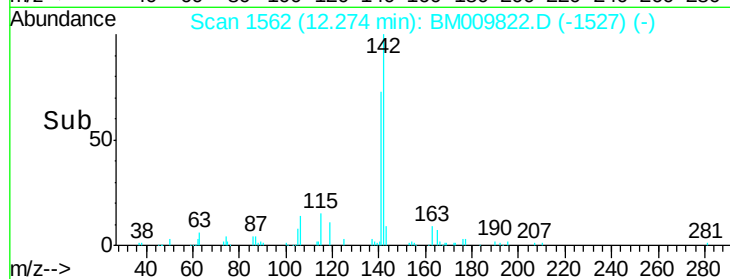
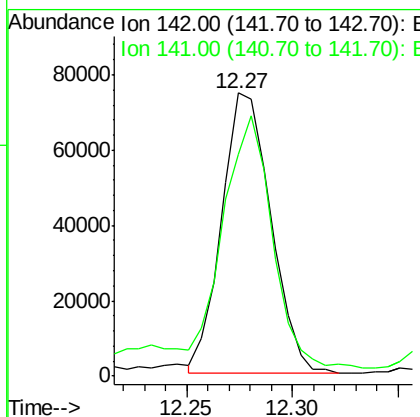
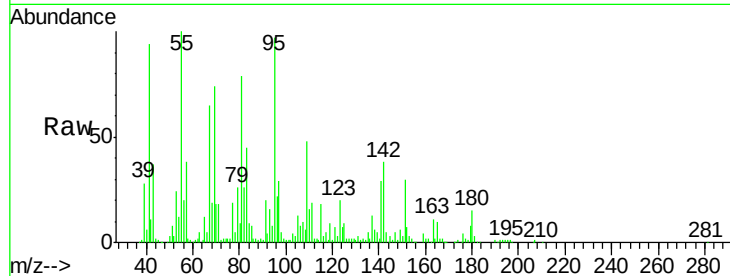
#34
2-Methylnaphthalene
Concen: 3.43 ng/ul
RT: 12.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BM009822.D
Acq: 30 Apr 2017 21:19

Instrument :
BNA_M
ClientSampleId :
JHSW5

Tot Ion:142 Resp: 119783
Ion Ratio Lower Upper
142 100
141 78.2 72.6 109.0

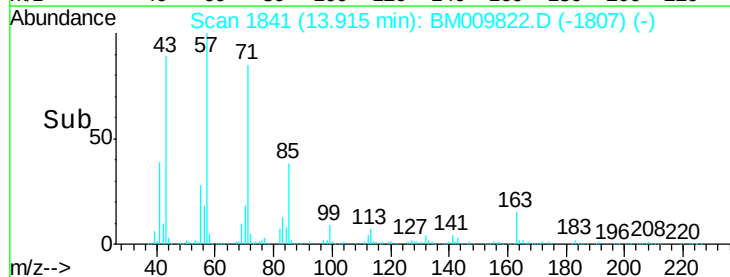
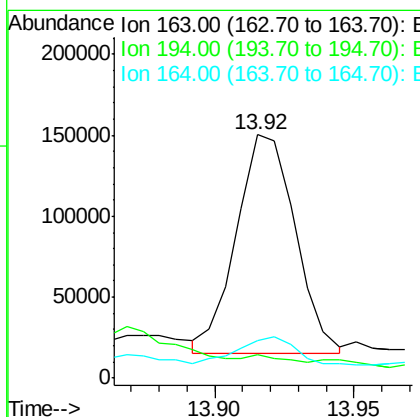
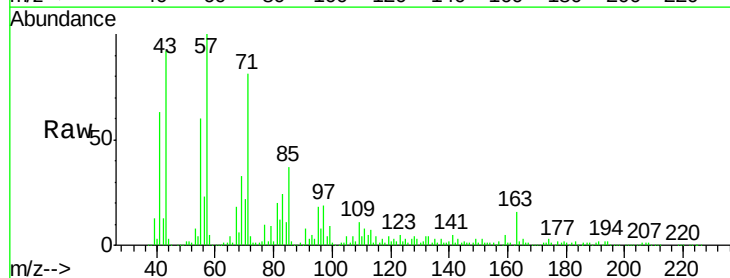
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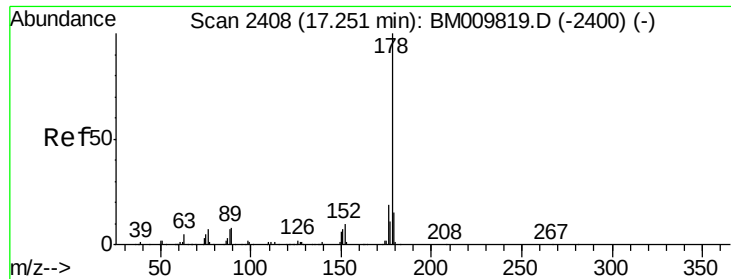
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#44
Dimethylphthalate
Concen: 4.39 ng/ul m
RT: 13.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM009822.D
Acq: 30 Apr 2017 21:19

Tgt Ion:163 Resp: 198583
Ion Ratio Lower Upper
163 100
194 9.5 3.0 4.6#
164 15.2 8.6 12.8#





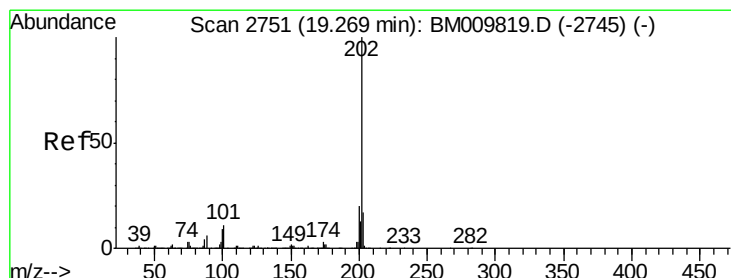
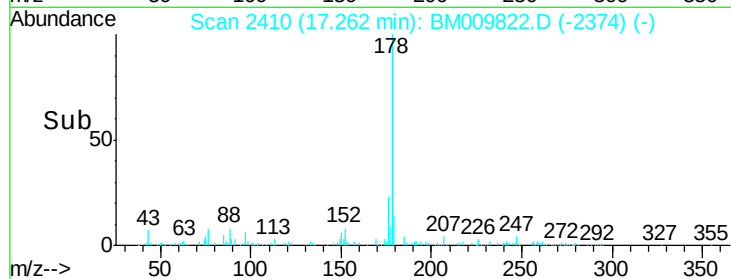
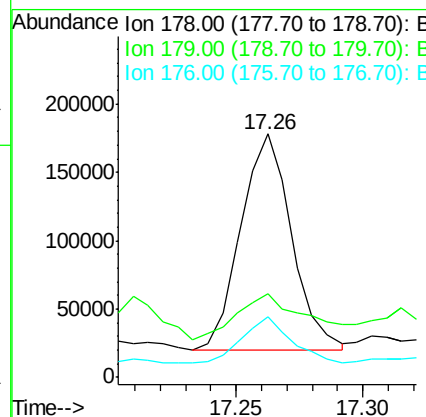
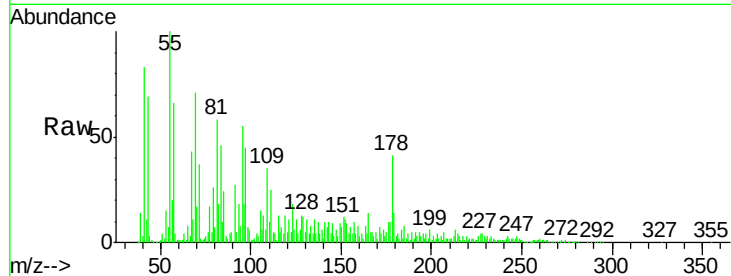
#69
 Phenanthrene
 Concen: 3.47 ng/ul
 RT: 17.26 min Scan# 2410
 Delta R.T. 0.01 min
 Lab File: BM009822.D
 Acq: 30 Apr 2017 21:19

Instrument :
 BNA_M
 ClientSampleId :
 JHSW5

Tot Ion	Ratio	Lower	Upper
178	100		
179	34.2	12.6	19.0#
176	24.8	15.8	23.6#

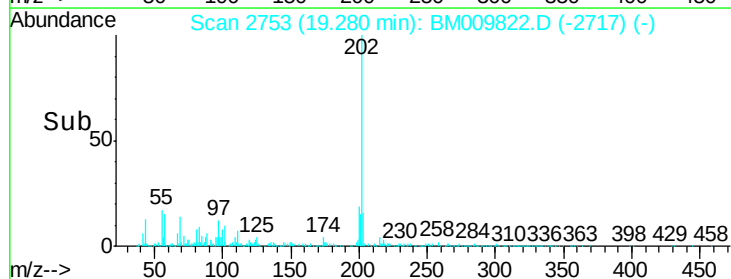
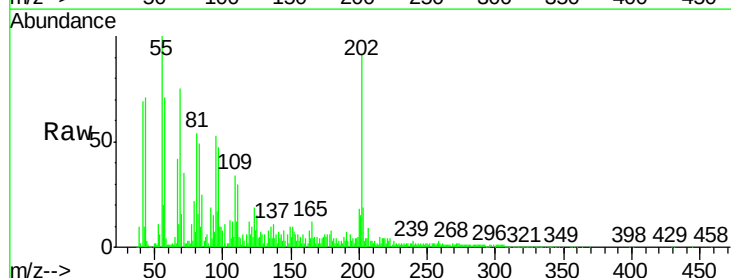
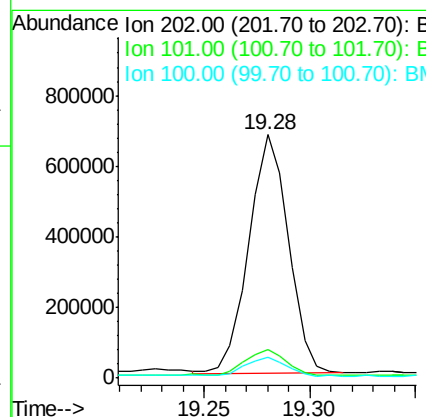
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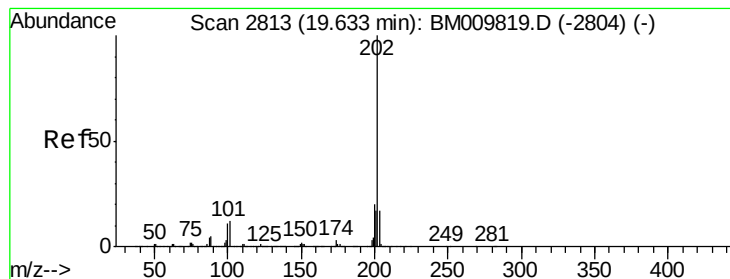
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#74
 Fluoranthene
 Concen: 10.95 ng/ul
 RT: 19.28 min Scan# 2753
 Delta R.T. 0.01 min
 Lab File: BM009822.D
 Acq: 30 Apr 2017 21:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	5.7	8.5#
100	8.6	4.6	7.0#





#77

Pvrene

Concen: 24.17 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. 0.02 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

Instrument :

BNA_M

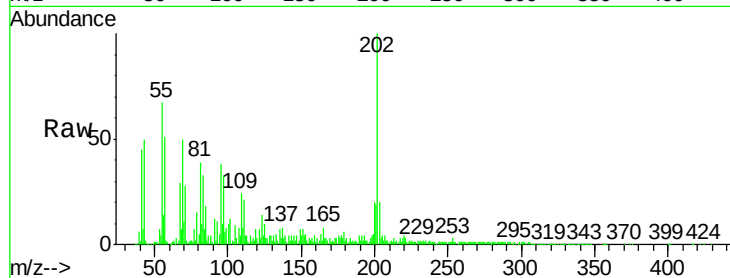
ClientSampleId :

JHSW5

Tot Ion:	202	Resp:	1903761
Ion Ratio	Lower	Upper	
202	100		
101	11.7	6.2	9.4#
100	10.2	6.4	9.6#

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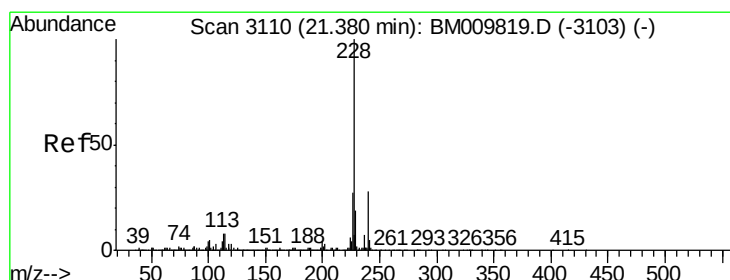
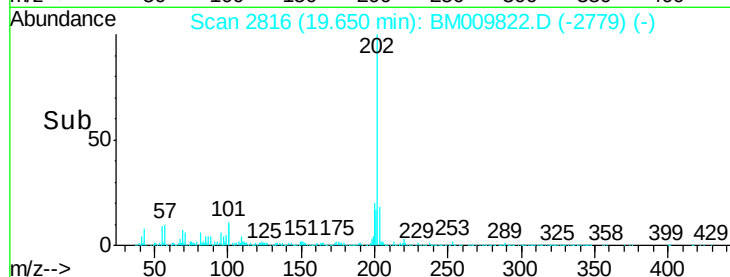
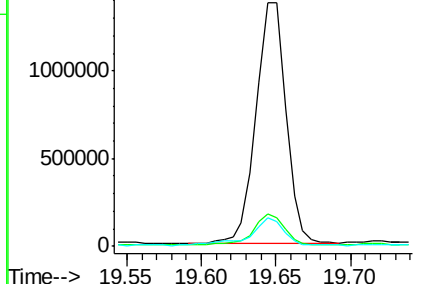
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 5.85 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. 0.01 min

Lab File: BM009822.D

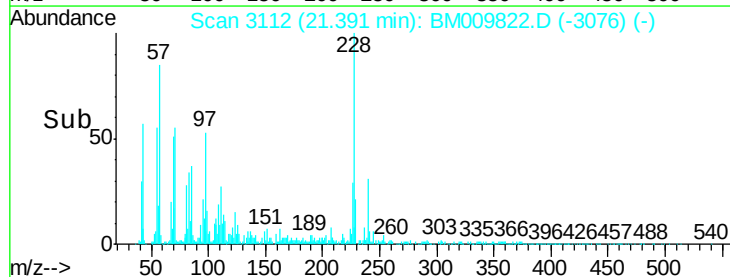
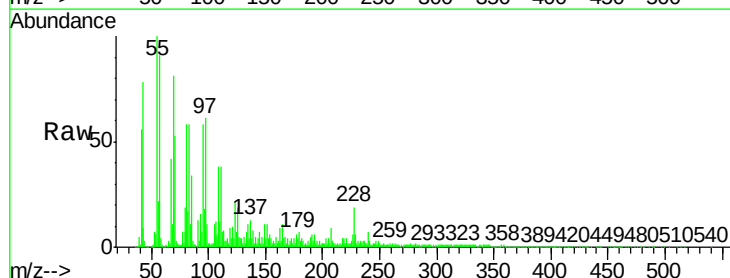
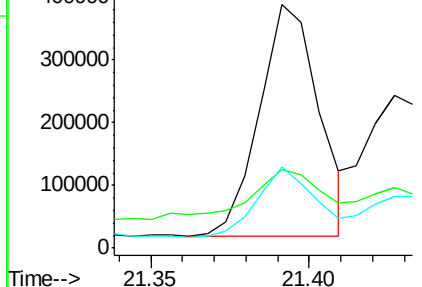
Acq: 30 Apr 2017 21:19

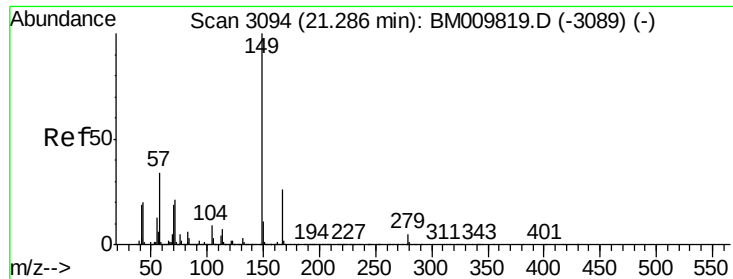
Tgt Ion:	228	Resp:	483964
Ion Ratio	Lower	Upper	
228	100		
229	32.3	15.4	23.2#
226	33.1	21.2	31.8#

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





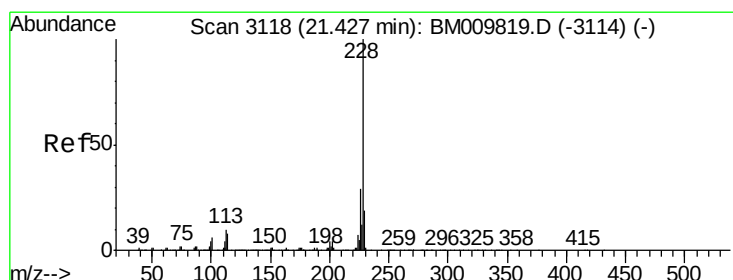
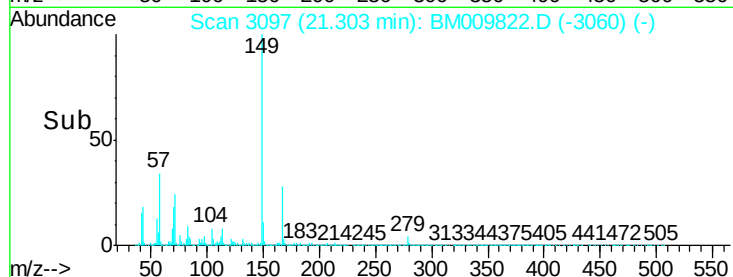
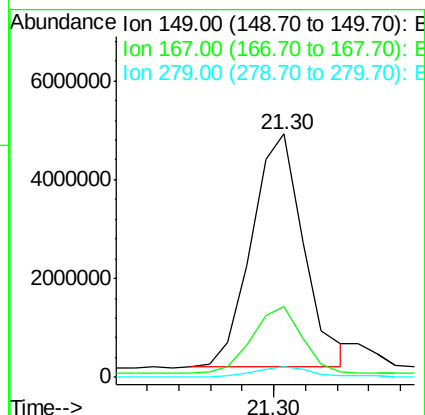
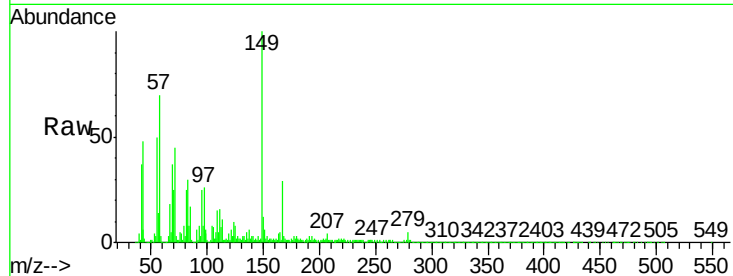
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 108.69 ng/ul
 RT: 21.30 min Scan# 3097
 Delta R.T. 0.02 min
 Lab File: BM009822.D
 Acq: 30 Apr 2017 21:19

Instrument :
 BNA_M
 ClientSampleId :
 JHSW5

Tot Ion:149 Resp: 5377777
 Ion Ratio Lower Upper
 149 100
 167 29.2 20.2 30.2
 279 4.6 4.0 6.0

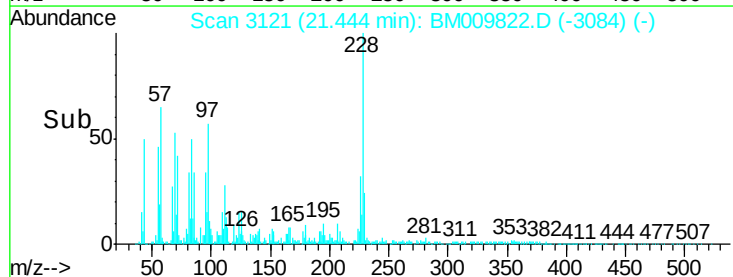
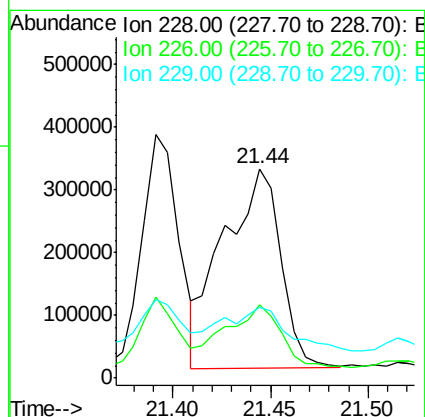
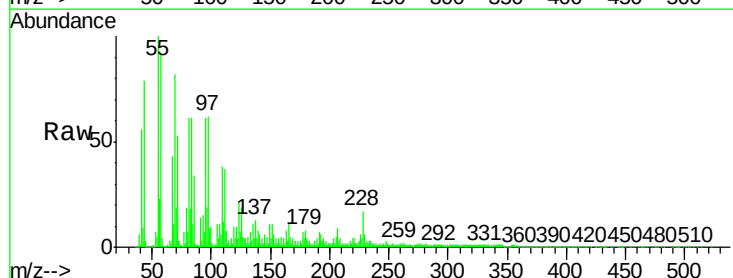
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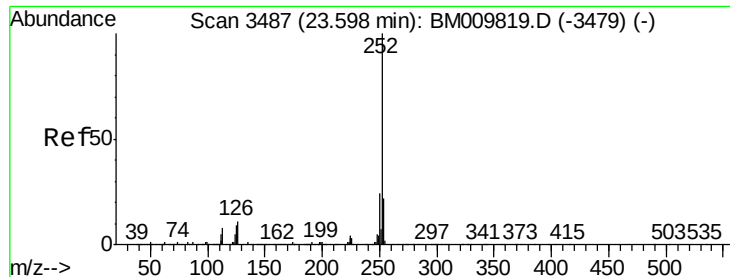
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#82
 Chrysene
 Concen: 8.71 ng/ul
 RT: 21.44 min Scan# 3121
 Delta R.T. 0.02 min
 Lab File: BM009822.D
 Acq: 30 Apr 2017 21:19

Tgt Ion:228 Resp: 648178
 Ion Ratio Lower Upper
 228 100
 226 35.1 23.9 35.9
 229 34.0 15.4 23.2#





#88

Benzo(a)pyrene

Concen: 10.58 ng/ul

RT: 23.64 min Scan# 3495

Delta R.T. 0.05 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

Instrument :

BNA_M

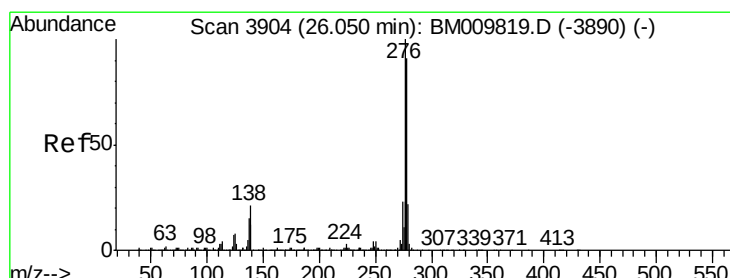
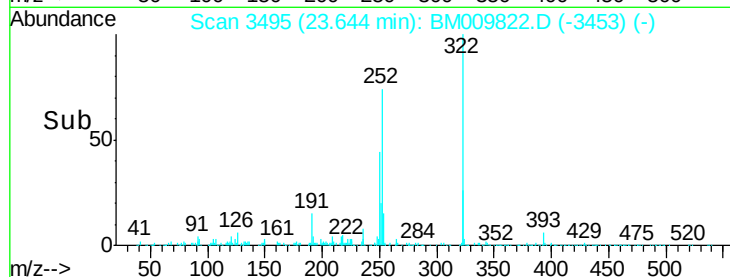
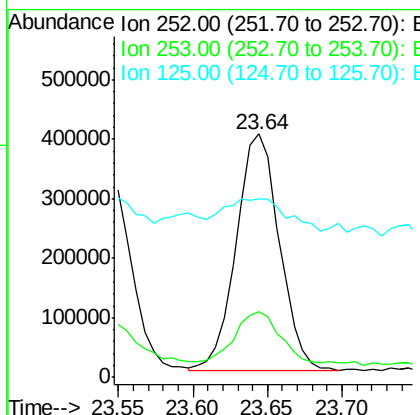
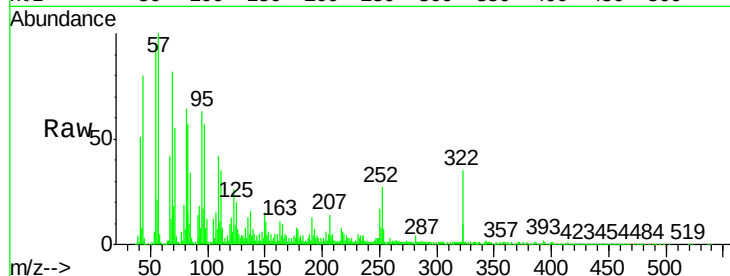
ClientSampled :

JHSW5

Tot Ion:	252	Resp:	802131
Ion Ratio	Lower	Upper	
252	100		
253	26.8	17.4	26.0#
125	73.5	3.7	5.5#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 5.65 ng/ul

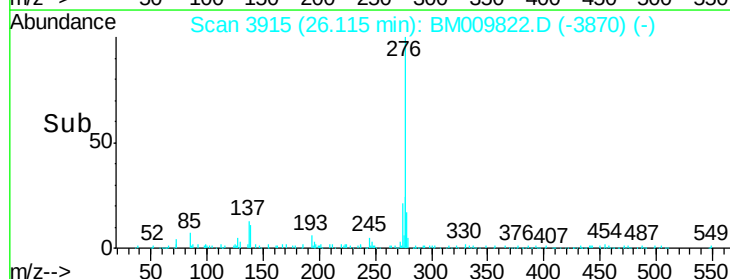
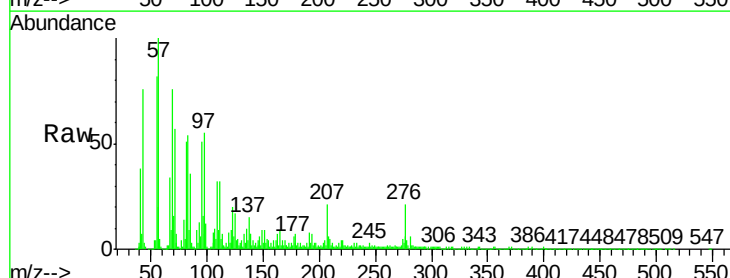
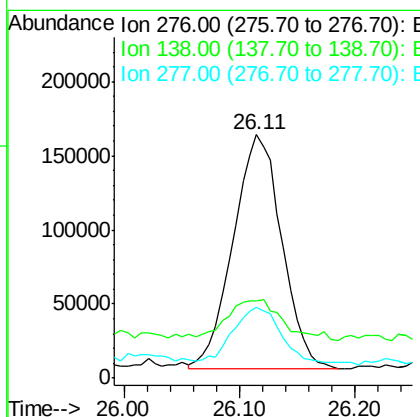
RT: 26.11 min Scan# 3915

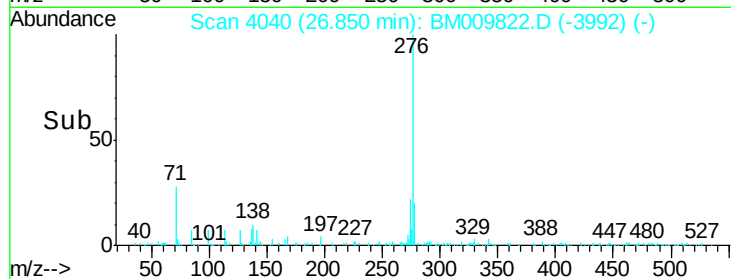
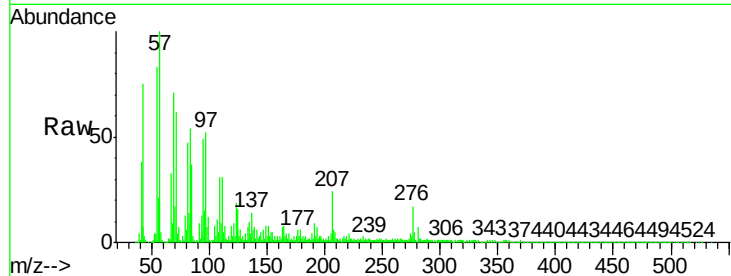
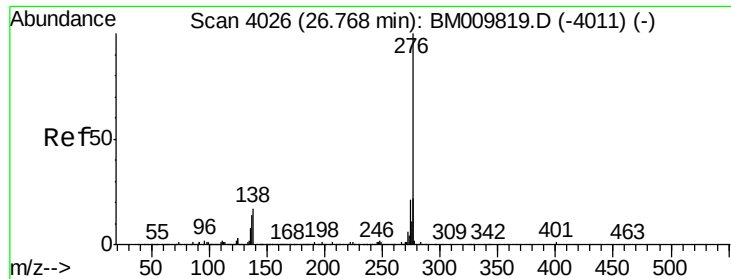
Delta R.T. 0.06 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

Tgt Ion:	276	Resp:	463506
Ion Ratio	Lower	Upper	
276	100		
138	31.7	8.2	12.2#
277	29.3	21.5	32.3





#91

Benzo(a,h,i)perylene

Concen: 5.52 ng/ul

RT: 26.85 min Scan# 4040

Delta R.T. 0.08 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

Instrument :

BNA_M

ClientSampleId :

JHSW5

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	7.0	10.4#
277	31.8	19.0	28.6#

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