

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
 Data File : BM009856.D
 Acq On : 02 May 2017 06:40
 Operator : SJ/MA
 Sample : I2848-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHT09

Manual Integrations
 APPROVED

mohammad
 5/4/2017 12:26:34 PM

Quant Time: May 03 13:03:05 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 02 01:45:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	148182	20.00	ng/ul	0.01
18) Naphthalene-d8	10.62	136	678100	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.47	164	442094	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.23	188	1109981	20.00	ng/ul	0.02
75) Chrysene-d12	21.42	240	1682059	20.00	ng/ul	0.03
83) Perylene-d12	23.76	264	1298347	20.00	ng/ul	0.05

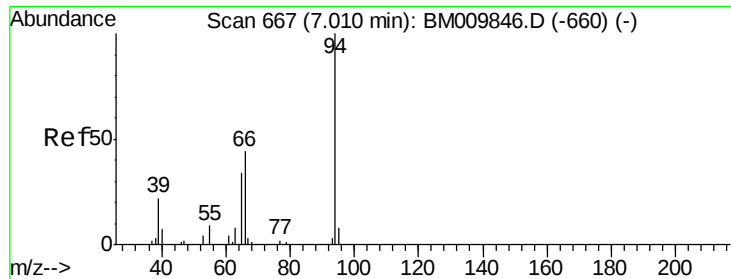
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	8491	2.64	ng/uL	0.00
5) Phenol-d5	7.01	99	194000	12.05	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.16	67	137953	12.57	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	130738	12.77	ng/ul	0.02
13) 4-Methylphenol-d8	8.55	113	147809	11.78	ng/ul	0.03
19) Nitrobenzene-d5	8.99	128	67431	12.22	ng/ul	0.02
22) 2-Nitrophenol-d4	9.71	143	79714	13.73	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	146593	12.62	ng/ul	0.04
29) 4-Chloroaniline-d4	10.77	131	114592	8.19	ng/ul	0.02
43) Dimethylphthalate-d6	13.88	166	499006	12.98	ng/ul	0.01
46) Acenaphthylene-d8	14.17	160	653762	14.10	ng/ul	0.02
51) 4-Nitrophenol-d4	14.73	143	63401	8.54	ng/ul	0.05
57) Fluorene-d10	15.47	176	495031	14.26	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.61	200	26837	3.43	ng/ul	0.02
70) Anthracene-d10	17.33	188	811732	14.24	ng/ul	0.02
76) Pyrene-d10	19.63	212	1036791	13.97	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.62	264	900902	14.27	ng/ul	0.05

Target Compounds

						Qvalue
6) Phenol	7.04	94	20614	1.24	ng/ul#	71
14) Acetophenone	8.65	105	24437m	1.18	ng/ul	
44) Dimethylphthalate	13.93	163	148586	3.91	ng/ul	98
69) Phenanthrene	17.27	178	576516	9.04	ng/ul	100
71) Anthracene	17.36	178	211805	3.17	ng/ul	98
73) Di-n-butylphthalate	18.18	149	318112	4.35	ng/ul#	96
74) Fluoranthene	19.30	202	1323327	16.45	ng/ul#	90
77) Pyrene	19.66	202	1498603	15.77	ng/ul#	90
78) Butylbenzylphthalate	20.54	149	378664	9.61	ng/ul	98
80) Benzo(a)anthracene	21.41	228	1011575	10.14	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.30	149	1214843	20.35	ng/ul	98
82) Chrysene	21.46	228	1022829m	11.39	ng/ul	
85) Benzo(b)fluoranthene	23.06	252	801494	9.51	ng/ul#	79
86) Benzo(k)fluoranthene	23.09	252	387875m	5.02	ng/ul	
88) Benzo(a)pyrene	23.66	252	721586	9.20	ng/ul#	87
89) Indeno(1,2,3-cd)pyrene	26.14	276	342084	4.03	ng/ul#	87
90) Dibenzo(a,h)anthracene	26.14	278	106350	1.47	ng/ul#	50
91) Benzo(g,h,i)perylene	26.88	276	285231	4.18	ng/ul#	85

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



#6

Phenol

Concen: 1.24 ng/ul

RT: 7.04 min Scan# 672

Delta R.T. 0.03 min

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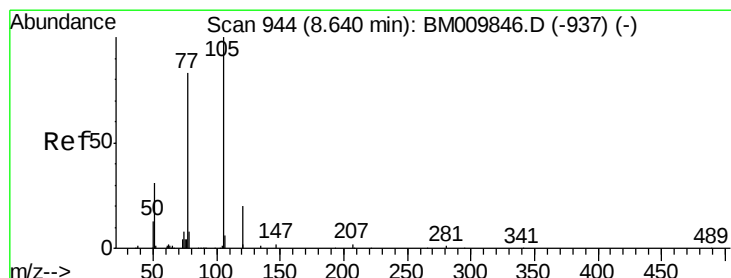
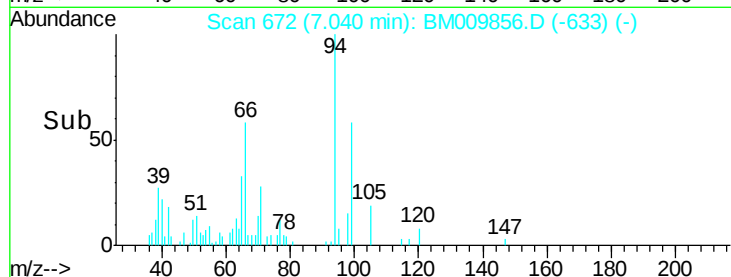
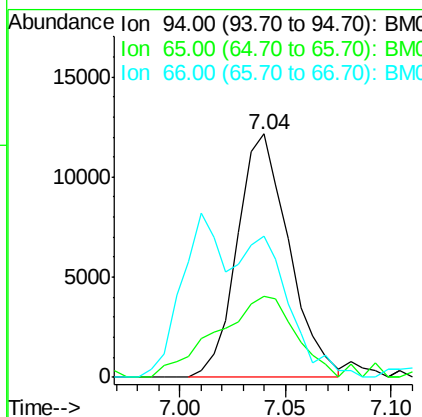
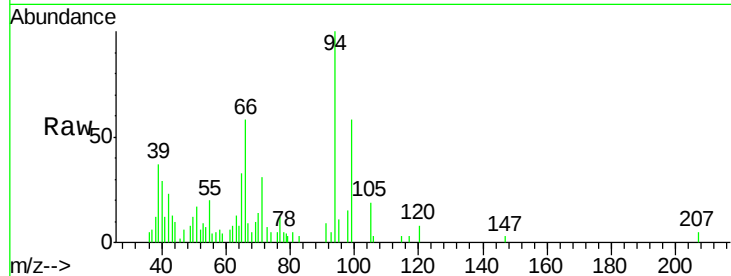
ClientSampleId :

JHT09

Tgt Ion:	94	Resp:	20614
Ion	Ratio	Lower	Upper
94	100		
65	33.1	39.8	59.6#
66	58.1	69.9	104.9#

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#14

Acetophenone

Concen: 1.18 ng/ul m

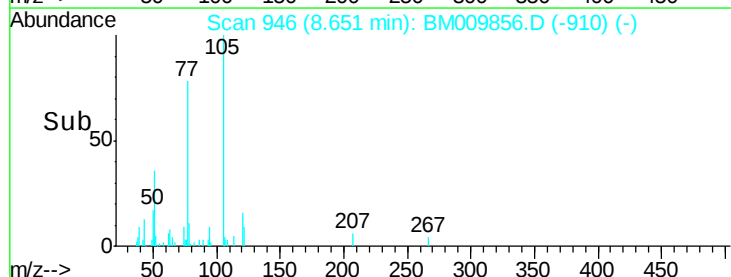
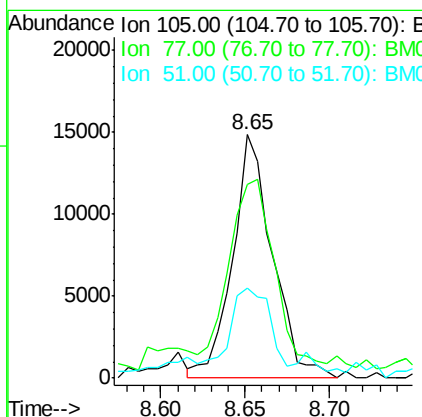
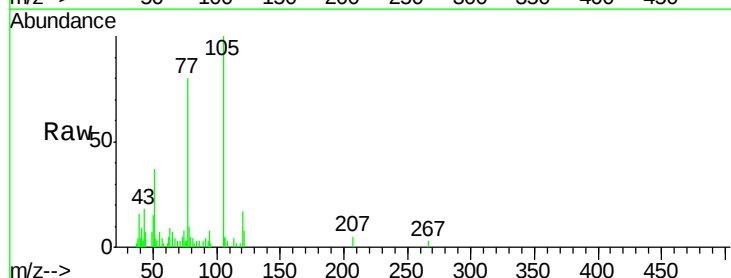
RT: 8.65 min Scan# 946

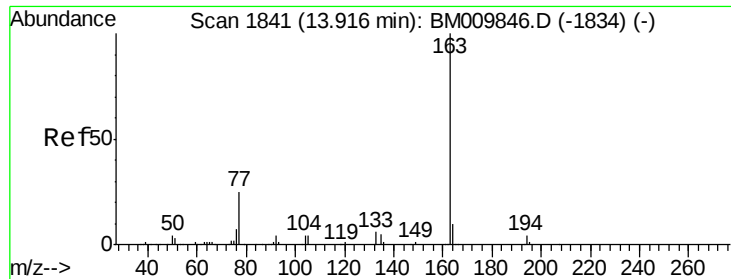
Delta R.T. 0.01 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

Tgt Ion:	105	Resp:	24437
Ion	Ratio	Lower	Upper
105	100		
77	79.8	91.7	137.5#
51	37.2	50.8	76.2#





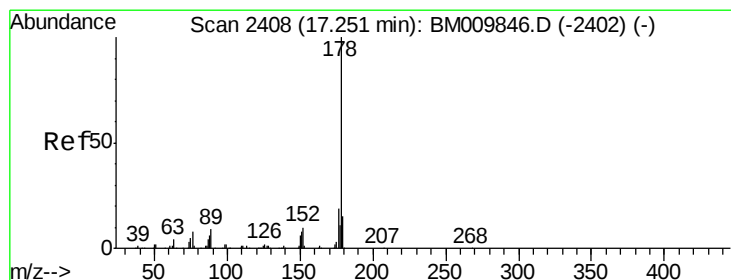
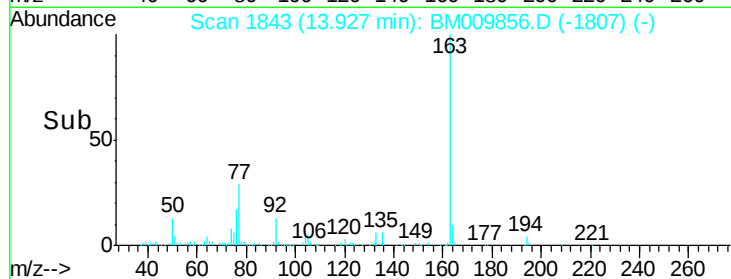
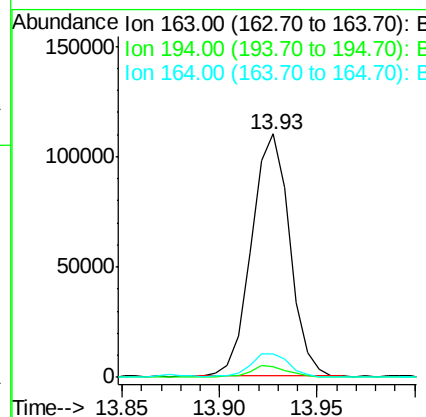
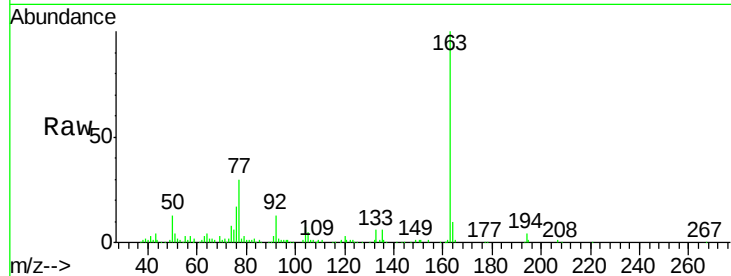
#44
Dimethylphthalate
Concen: 3.91 ng/ul
RT: 13.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BM009856.D
Acq: 02 May 2017 06:40

Instrument :
BNA_M
ClientSampled :
JHT09

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	4.2	3.0	4.6
164	9.8	8.6	12.8

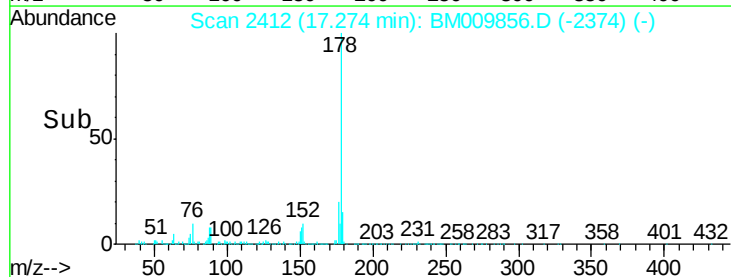
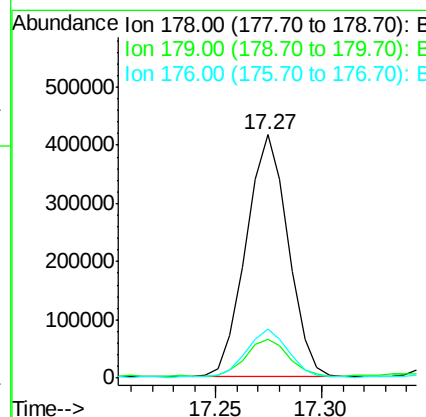
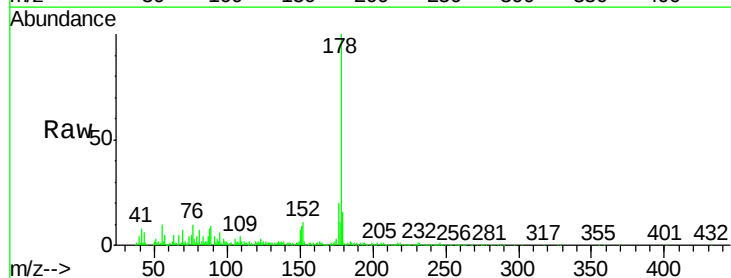
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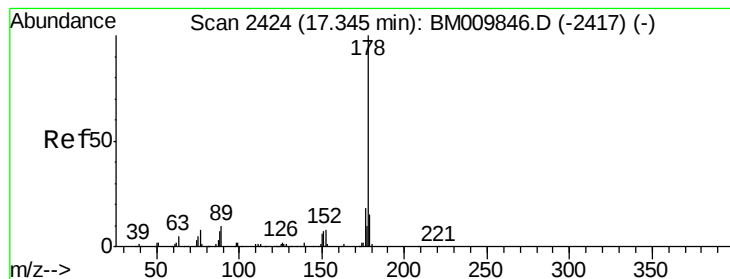
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#69
Phenanthrene
Concen: 9.04 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. 0.02 min
Lab File: BM009856.D
Acq: 02 May 2017 06:40

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
179	16.0	12.6	19.0
176	19.9	15.8	23.6





#71

Anthracene

Concen: 3.17 ng/ul

RT: 17.36 min Scan# 2427

Delta R.T. 0.02 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

Instrument :

BNA_M

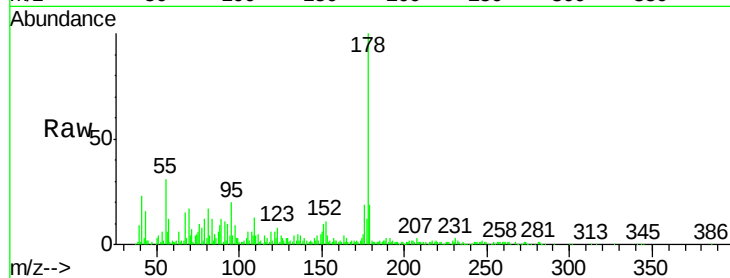
ClientSampleId :

JHT09

Tgt Ion:	178	Resp:	211805
Ion Ratio	Lower	Upper	
178	100		
179	18.6	13.1	19.7
176	19.4	15.6	23.4

Manual Integrations
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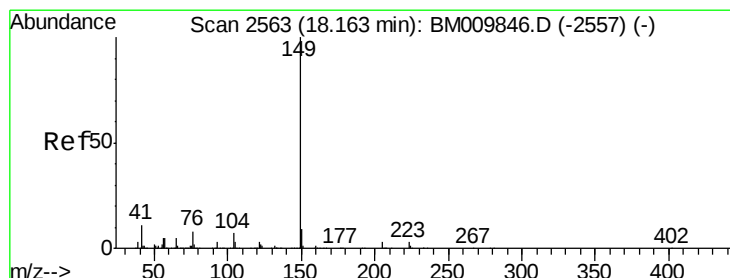
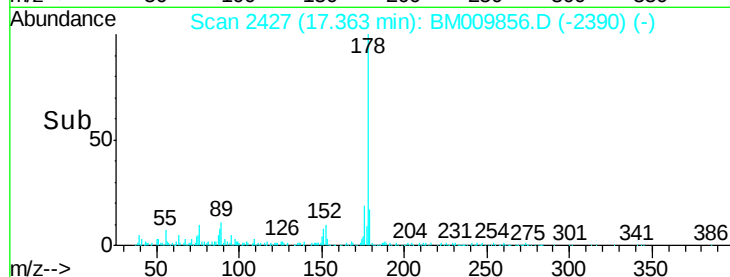
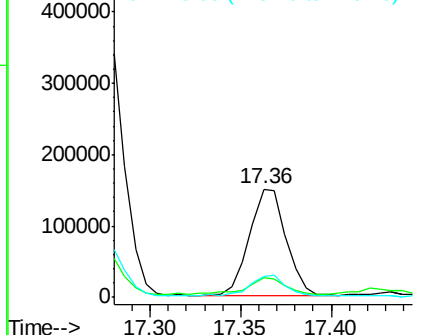
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

Di-n-butylphthalate

Concen: 4.35 ng/ul

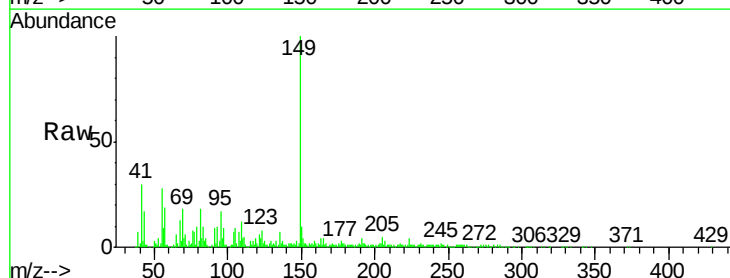
RT: 18.18 min Scan# 2566

Delta R.T. 0.02 min

Lab File: BM009856.D

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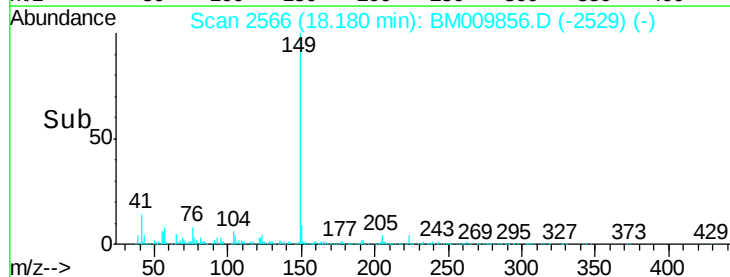
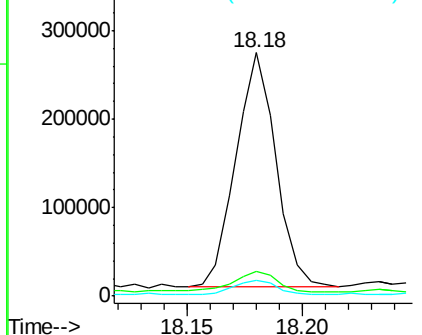
Tgt Ion:	149	Resp:	318112
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.1	10.7
104	6.6	6.9	10.3#

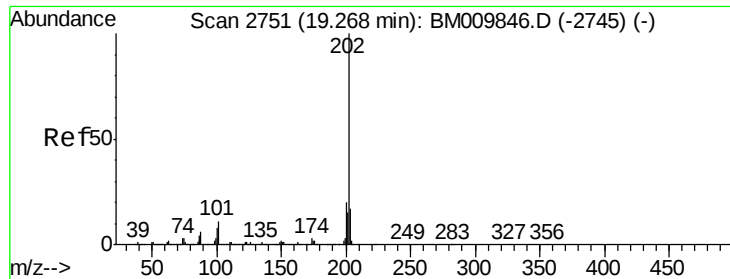


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 16.45 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. 0.03 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

Instrument :

BNA_M

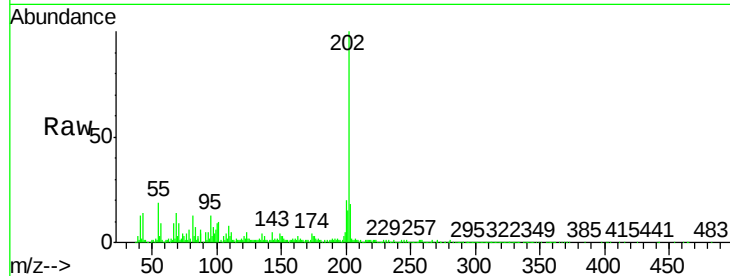
ClientSampleId :

JHT09

Tgt Ion:	202	Resp:	1323327
Ion Ratio	Lower	Upper	
202	100		
101	10.4	5.7	8.5#
100	9.0	4.6	7.0#

Manual Integrations
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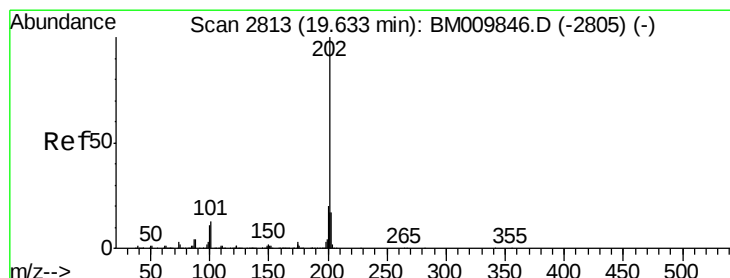
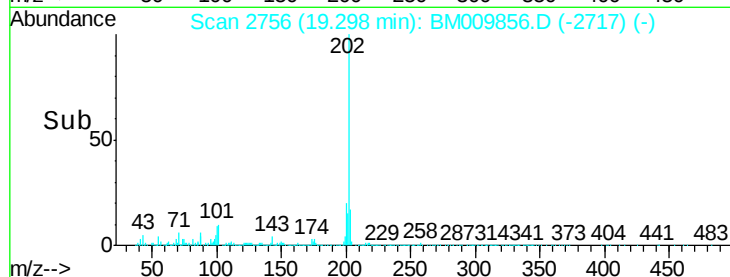
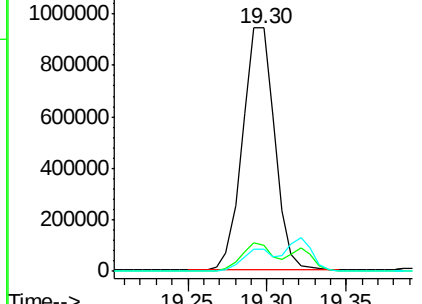
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 15.77 ng/ul

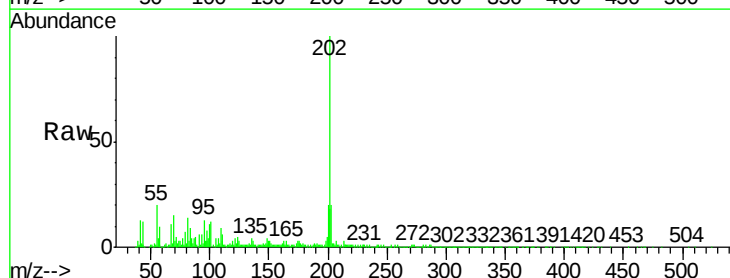
RT: 19.66 min Scan# 2818

Delta R.T. 0.03 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

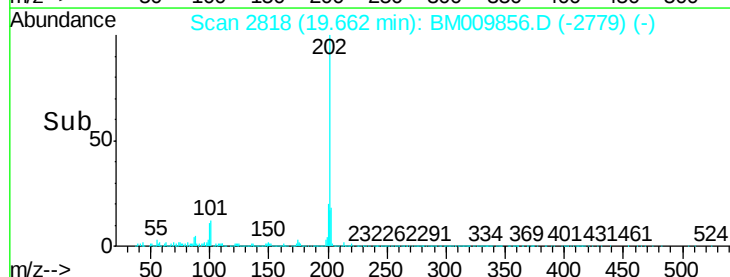
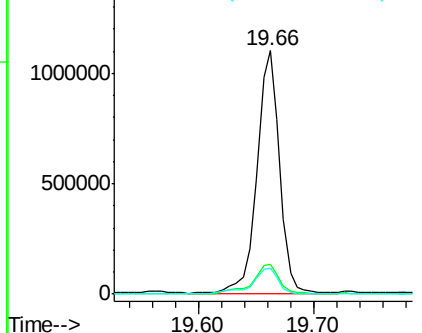
Tgt Ion:	202	Resp:	1498603
Ion Ratio	Lower	Upper	
202	100		
101	12.3	6.2	9.4#
100	10.8	6.4	9.6#

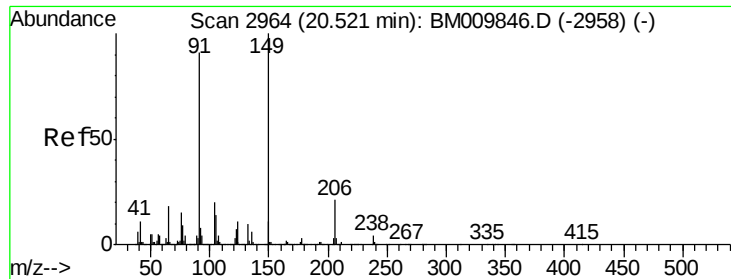


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





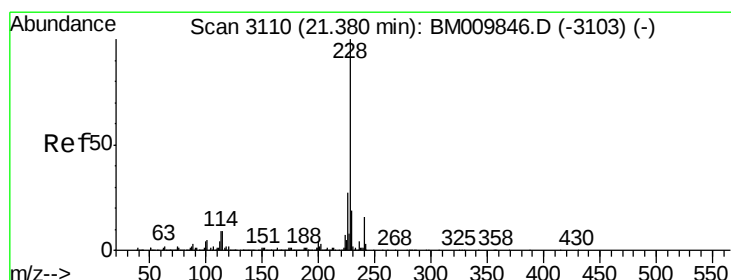
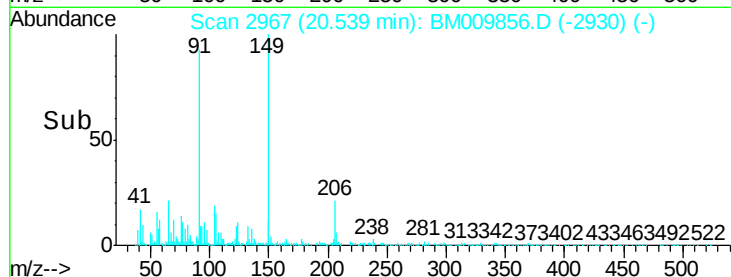
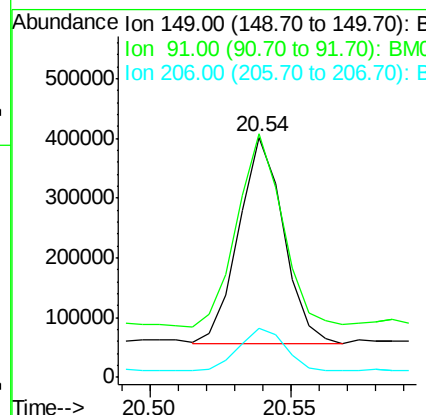
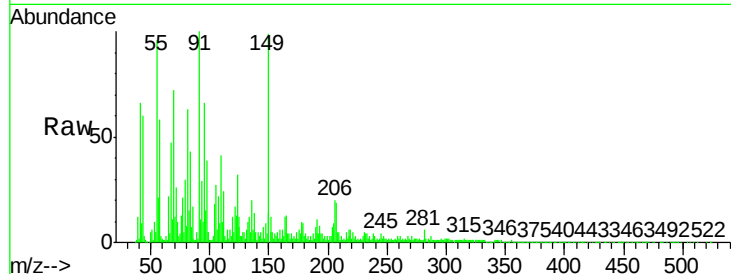
#78
Butylbenzylphthalate
Concen: 9.61 ng/ul
RT: 20.54 min Scan# 2967
Delta R.T. 0.02 min
Lab File: BM009856.D
Acq: 02 May 2017 06:40

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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	378664		
91	101.3	80.0	120.0	
206	20.5	19.1	28.7	

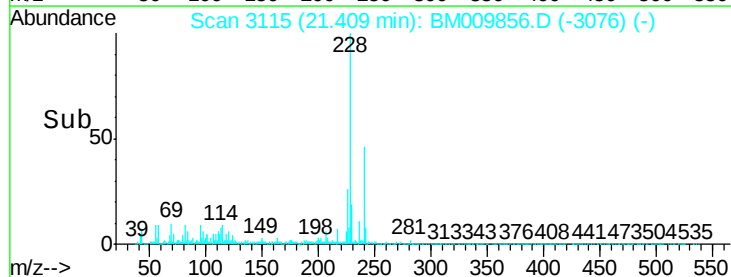
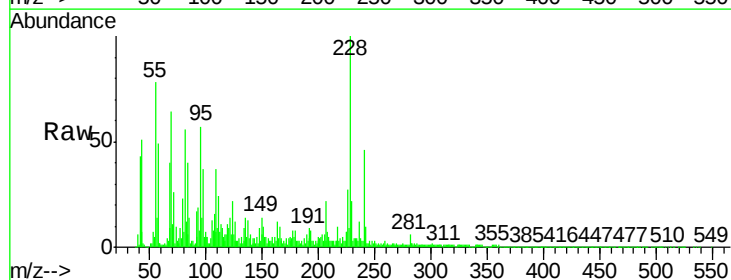
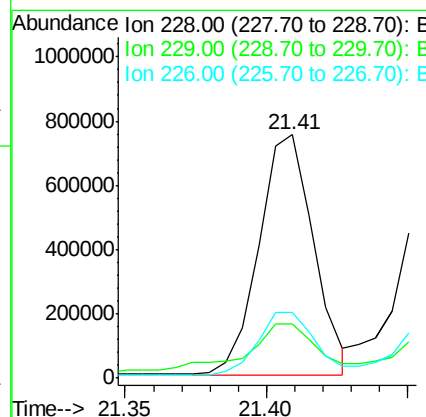
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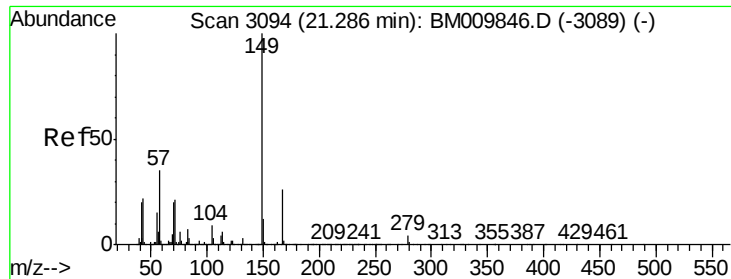
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#80
Benzo(a)anthracene
Concen: 10.14 ng/ul
RT: 21.41 min Scan# 3115
Delta R.T. 0.03 min
Lab File: BM009856.D
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1011575		
229	22.1	15.4	23.2	
226	27.1	21.2	31.8	





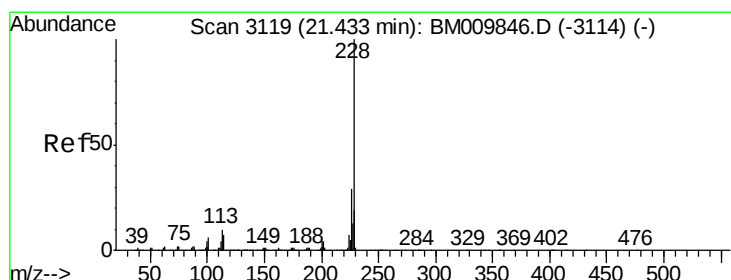
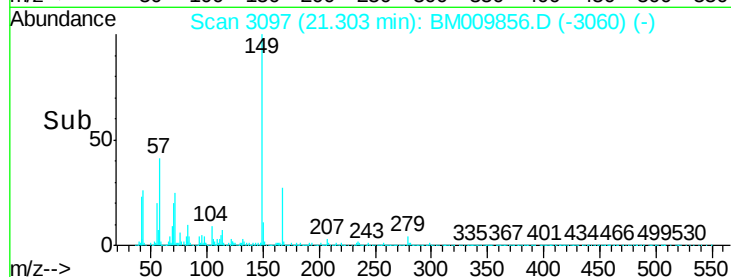
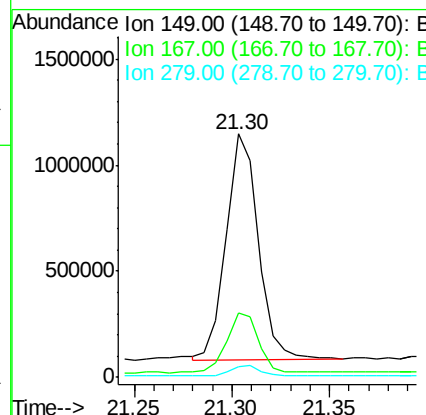
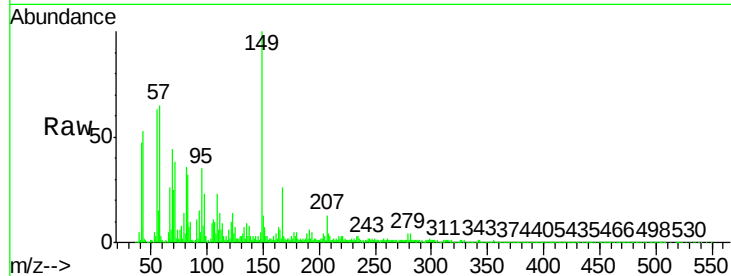
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 20.35 ng/ul
 RT: 21.30 min Scan# 3097
 Delta R.T. 0.02 min
 Lab File: BM009856.D
 Acq: 02 May 2017 06:40

Instrument :
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 ClientSampleId :
 JHT09

Tgt Ion:149 Resp: 1214843
 Ion Ratio Lower Upper
 149 100
 167 26.5 20.2 30.2
 279 4.4 4.0 6.0

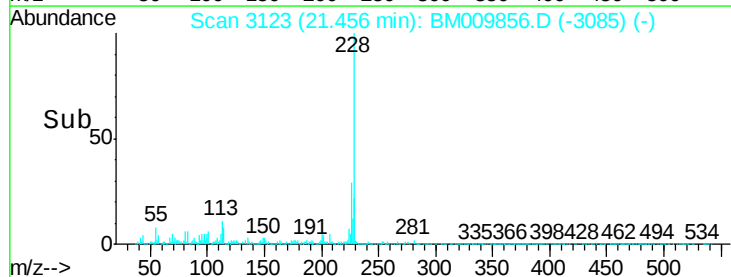
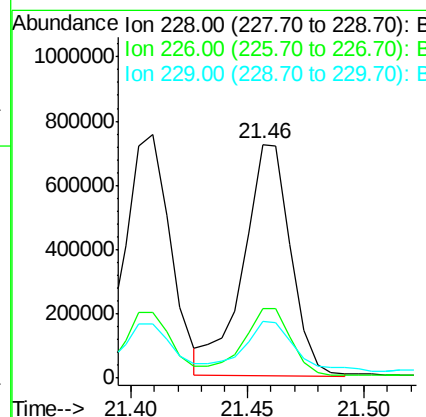
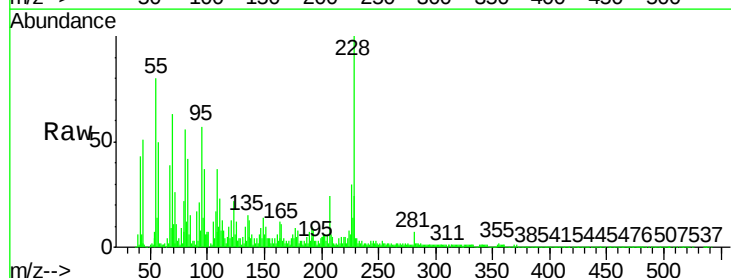
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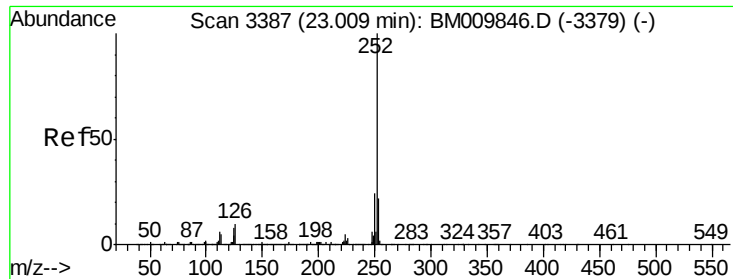
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#82
 Chrysene
 Concen: 11.39 ng/ul m
 RT: 21.46 min Scan# 3123
 Delta R.T. 0.02 min
 Lab File: BM009856.D
 Acq: 02 May 2017 06:40

Tgt Ion:228 Resp: 1022829
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.9 35.9
 229 24.1 15.4 23.2#





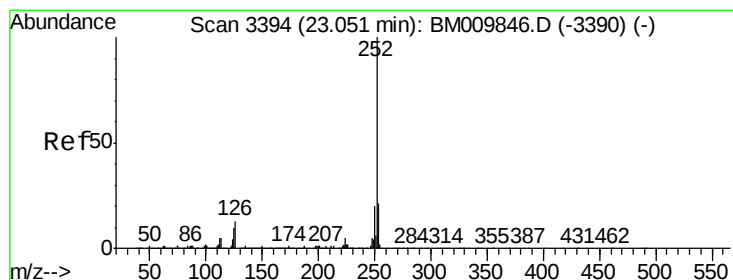
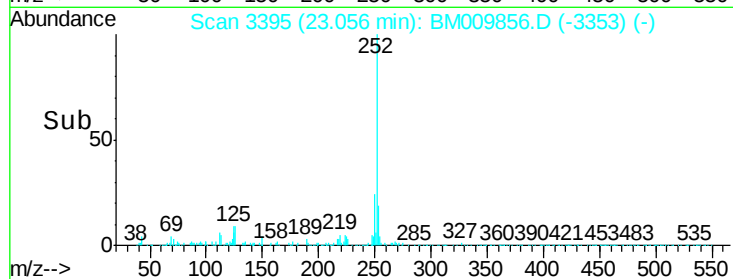
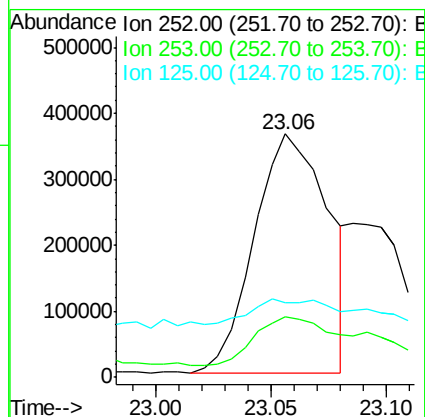
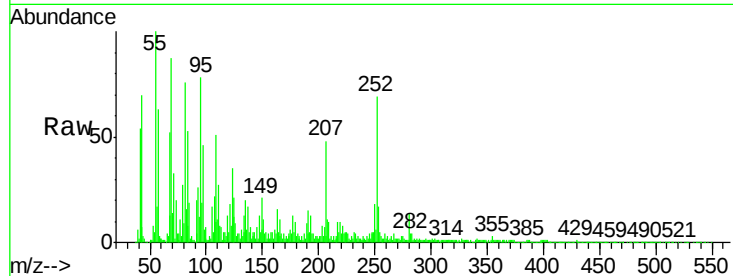
#85
Benzo(b)fluoranthene
Concen: 9.51 ng/ul
RT: 23.06 min Scan# 3395
Delta R.T. 0.05 min
Lab File: BM009856.D
Acq: 02 May 2017 06:40

Instrument :
BNA_M
ClientSampleId :
JHT09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.0	25.4
125	30.9	3.7	5.5#

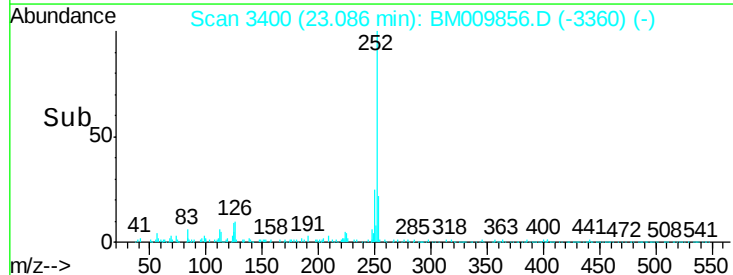
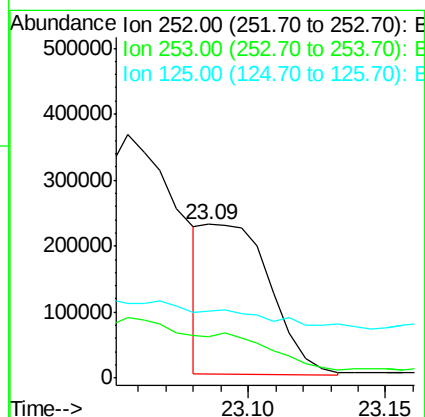
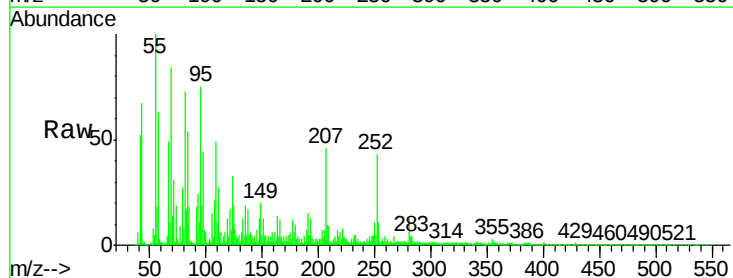
Manual Integrations
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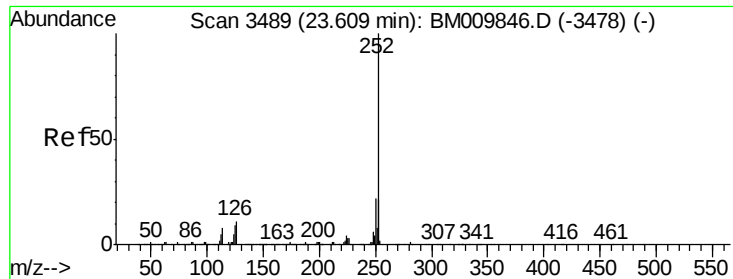
mohammad
5/4/2017 12:26:34 PM



#86
Benzo(k)fluoranthene
Concen: 5.02 ng/ul m
RT: 23.09 min Scan# 3400
Delta R.T. 0.04 min
Lab File: BM009856.D
Acq: 02 May 2017 06:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.4	26.0#
125	43.9	3.8	5.8#





#88

Benzo(a)pyrene

Concen: 9.20 ng/ul

RT: 23.66 min Scan# 3498

Delta R.T. 0.05 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

Instrument :

BNA_M

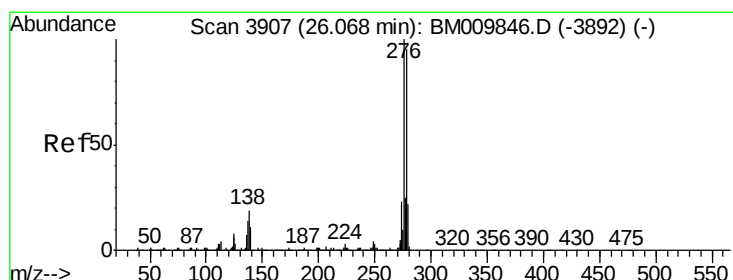
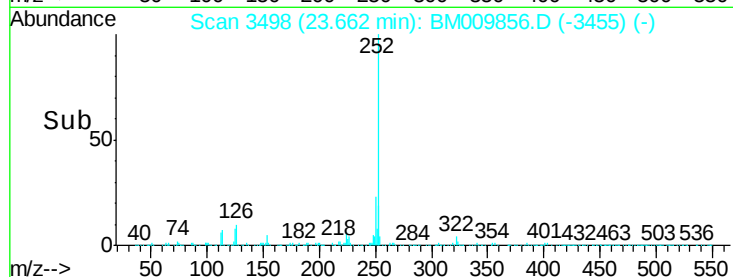
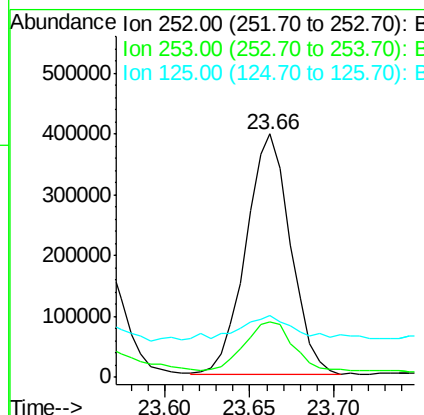
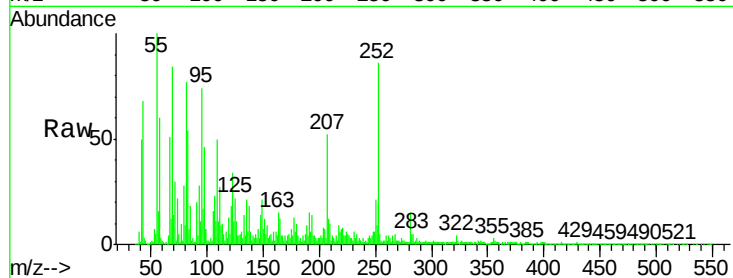
ClientSampled :

JHT09

Tgt Ion:	252	Resp:	721586
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.0
125	25.3	3.7	5.5#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 4.03 ng/ul

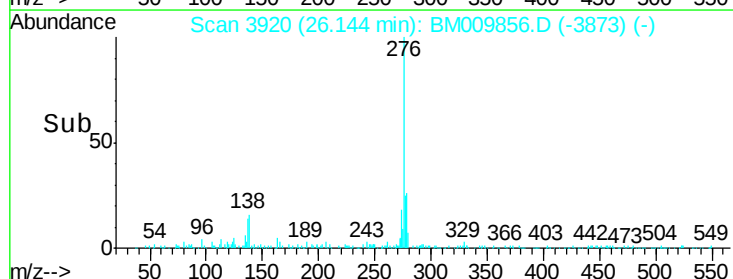
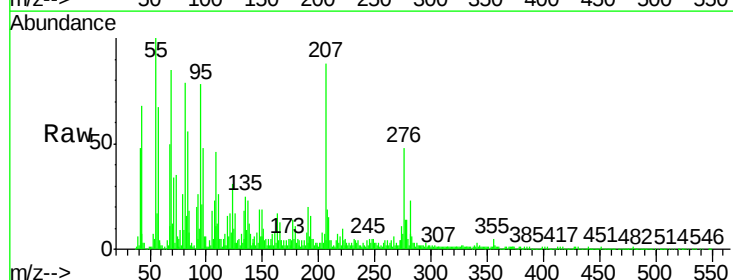
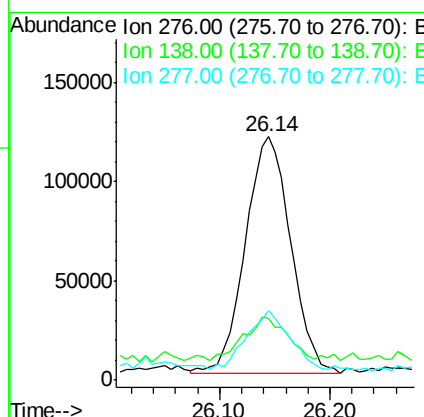
RT: 26.14 min Scan# 3920

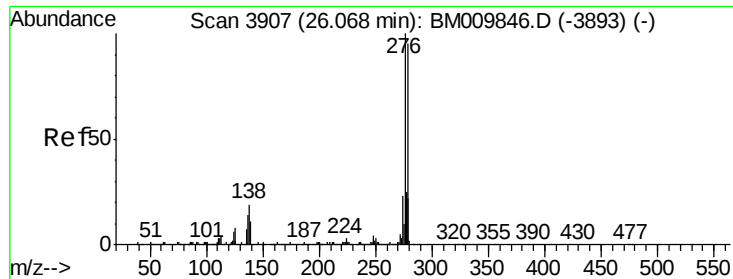
Delta R.T. 0.08 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

Tgt Ion:	276	Resp:	342084
Ion Ratio	Lower	Upper	
276	100		
138	25.2	8.2	12.2#
277	28.5	21.5	32.3





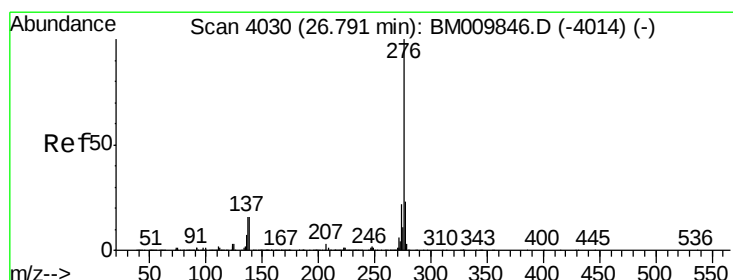
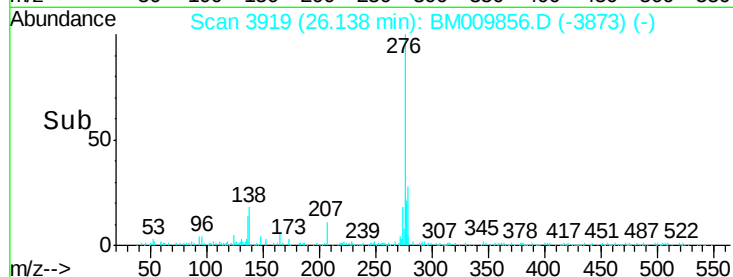
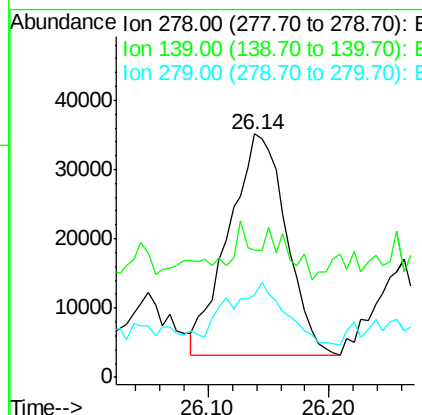
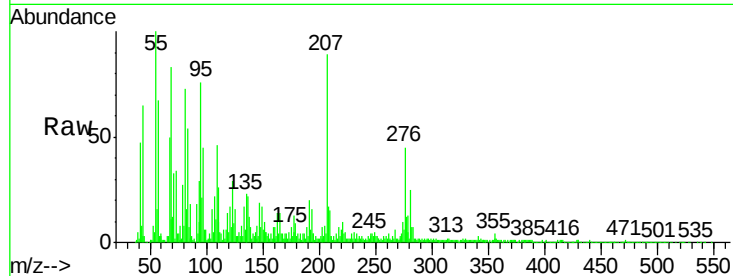
#90
Dibenzo(a,h)anthracene
Concen: 1.47 ng/ul
RT: 26.14 min Scan# 3919
Delta R.T. 0.07 min
Lab File: BM009856.D
Acq: 02 May 2017 06:40

Instrument :
BNA_M
ClientSampled :
JHT09

Tgt Ion:278 Resp: 106350
Ion Ratio Lower Upper
278 100
139 52.4 5.8 8.8#
279 33.6 17.9 26.9#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.18 ng/ul
RT: 26.88 min Scan# 4045
Delta R.T. 0.09 min
Lab File: BM009856.D
Acq: 02 May 2017 06:40

Tgt Ion:276 Resp: 285231
Ion Ratio Lower Upper
276 100
138 24.7 7.0 10.4#
277 26.0 19.0 28.6

