

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012853.D
 Acq On : 09 Nov 2017 15:11
 Operator : SJ/JU
 Sample : I6096-01DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317DL

Manual Integrations
 APPROVED

Sohil
 11/9/2017 6:00:30 PM

Quant Time: Nov 09 17:41:05 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	105014	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	448776	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	297903	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	767830m	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	879174	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	752587	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	1053	0.54	ng/uL	0.00
5) Phenol-d5	6.98	99	26418	3.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	16892	3.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	22871	3.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	16913	2.51	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	12655	3.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	14064	3.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	27288	3.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	10037	1.34	ng/ul	0.01
43) Dimethylphthalate-d6	13.85	166	99030	4.02	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	112870	3.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	10728	2.72	ng/ul	0.01
57) Fluorene-d10	15.43	176	86725	4.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	4662	0.92	ng/ul	0.00
70) Anthracene-d10	17.29	188	148332	4.00	ng/ul	0.00
78) Pyrene-d10	19.58	212	170851	4.19	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	144080	4.05	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.89	163	62103	2.539	ng/ul	98
69) Phenanthrene	17.23	178	526665m	12.549	ng/ul	
71) Anthracene	17.32	178	89776	2.063	ng/ul	97
76) Fluoranthene	19.24	202	983137	19.494	ng/ul#	94
79) Pyrene	19.61	202	1029077	19.619	ng/ul#	93
82) Benzo(a)anthracene	21.36	228	582054	10.941	ng/ul	98
84) Chrysene	21.40	228	614957	12.755	ng/ul	97
87) Benzo(b)fluoranthene	22.97	252	595657	12.951	ng/ul#	96
88) Benzo(k)fluoranthene	23.01	252	180280m	4.124	ng/ul	
90) Benzo(a)pyrene	23.56	252	415561m	9.496	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.97	276	266947	5.061	ng/ul#	87
92) Dibenzo(a,h)anthracene	25.97	278	82315	1.844	ng/ul#	92
93) Benzo(g,h,i)perylene	26.69	276	222249	5.114	ng/ul#	90

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

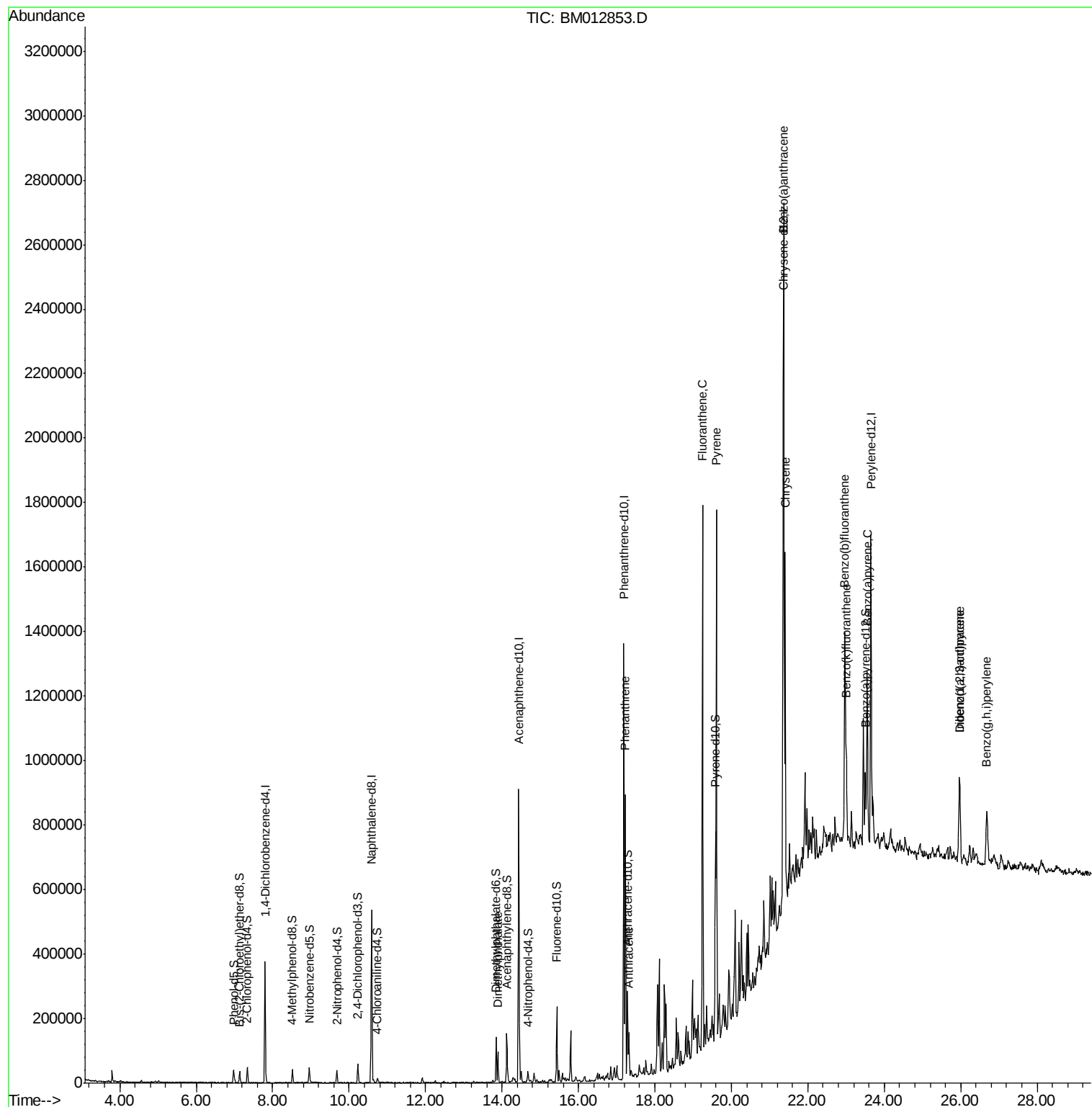
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012853.D
Acq On : 09 Nov 2017 15:11
Operator : SJ/JU
Sample : I6096-01DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

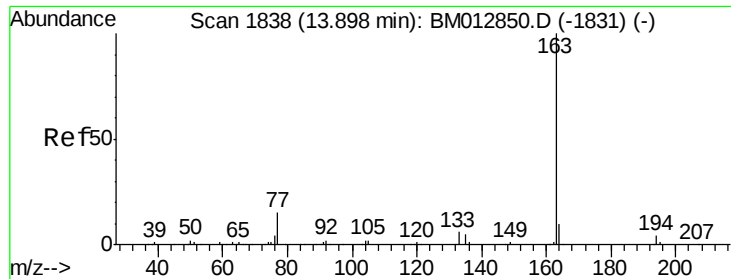
Instrument :
BNA_M
ClientSampleId :
B-76(0-1)-102317DL

Manual Integrations
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11/9/2017 6:00:30 PM

Quant Time: Nov 09 17:41:05 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
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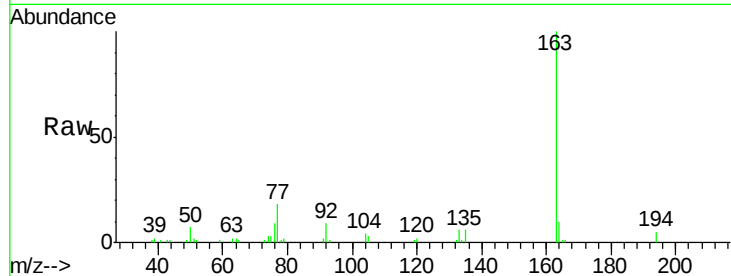
#44
Dimethylphthalate
Concen: 2.539 ng/ul
RT: 13.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BM012853.D
Acq: 09 Nov 2017 15:11

Instrument :
BNA_M
ClientSampleId :
B-76(0-1)-102317DL

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.2	4.8
164	10.4	7.8	11.8

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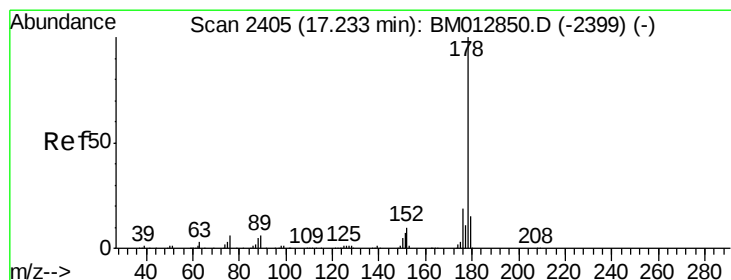
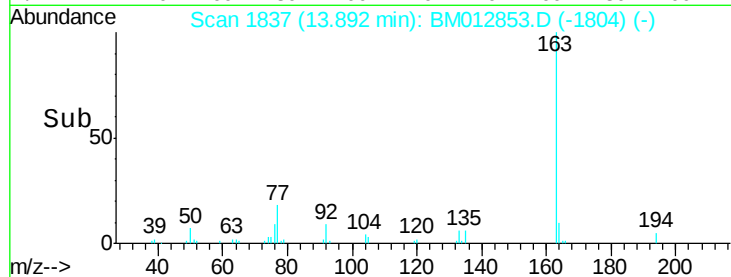
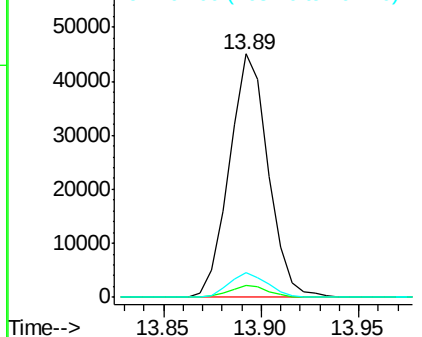


Abundance

Ion 163.00 (162.70 to 163.70): E

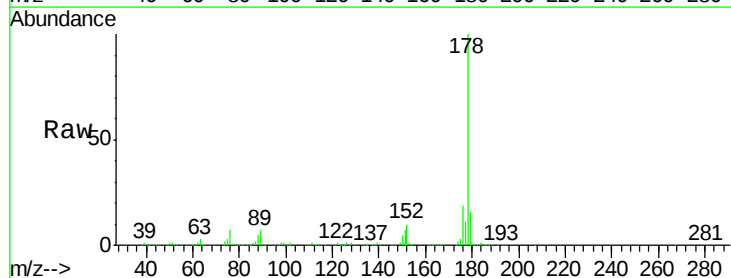
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 12.549 ng/ul m
RT: 17.23 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BM012853.D
Acq: 09 Nov 2017 15:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	18.6	15.6	23.4

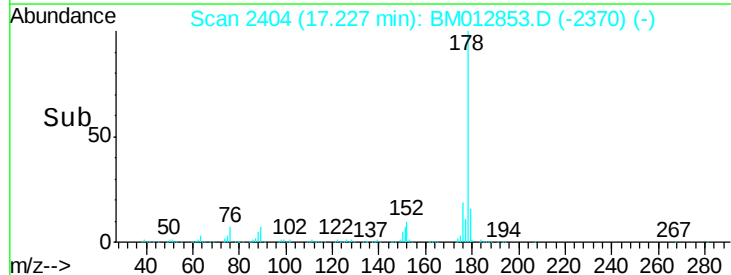
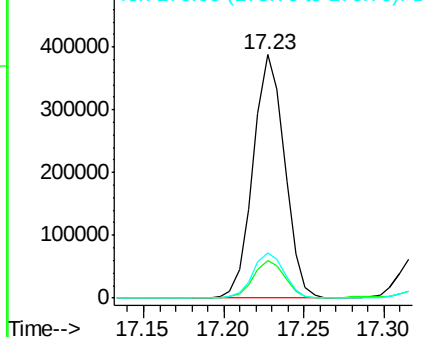


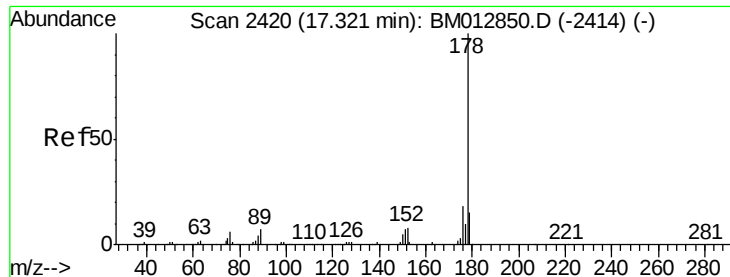
Abundance

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





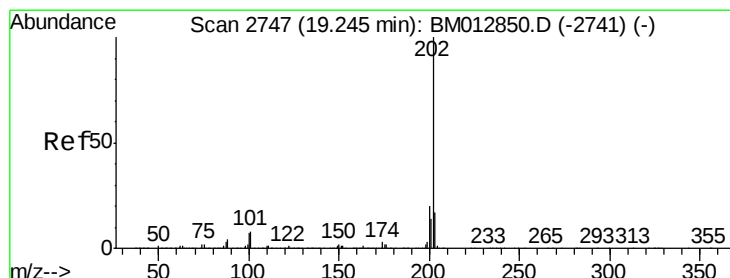
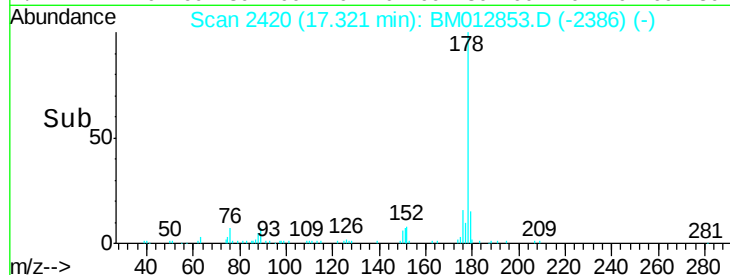
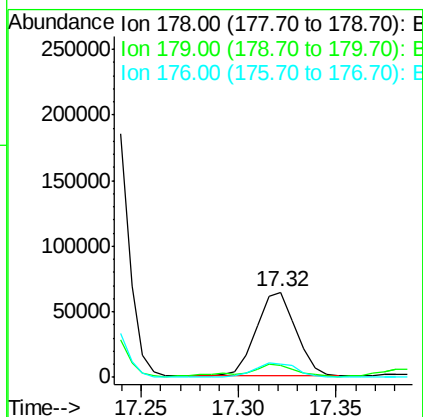
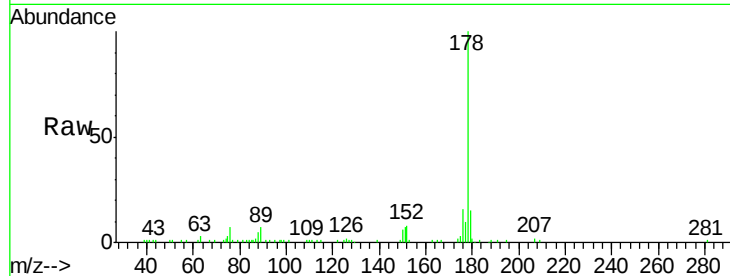
#71
 Anthracene
 Concen: 2.063 ng/ul
 RT: 17.32 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BM012853.D
 Acq: 09 Nov 2017 15:11

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.1	18.1
176	16.2	14.8	22.2

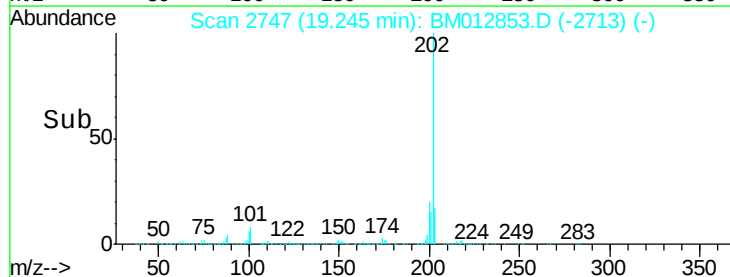
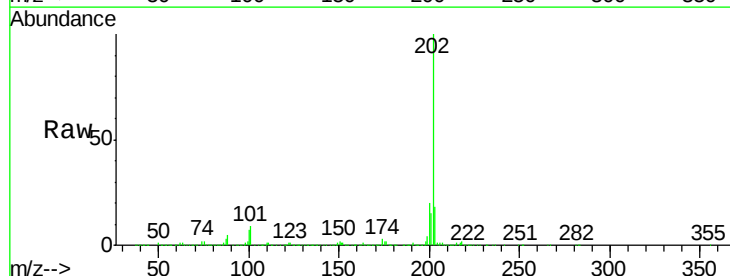
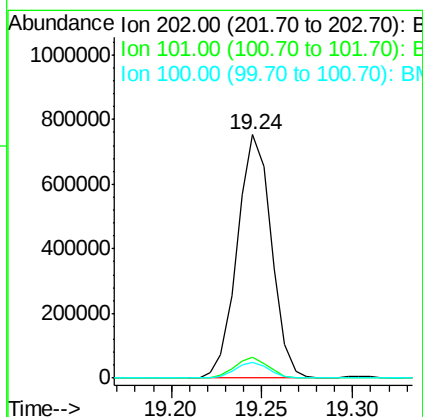
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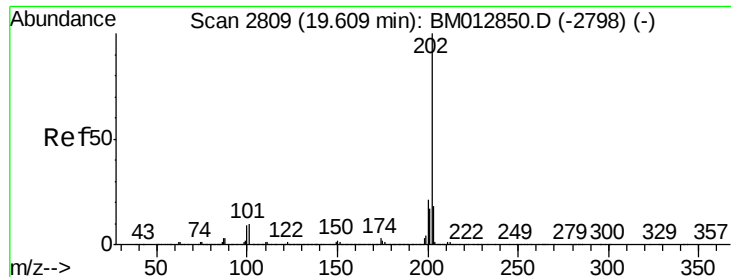
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#76
 Fluoranthene
 Concen: 19.494 ng/ul
 RT: 19.24 min Scan# 2747
 Delta R.T. 0.00 min
 Lab File: BM012853.D
 Acq: 09 Nov 2017 15:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	8.8	13.2#
100	6.6	6.6	9.8





#79

Pyrene

Concen: 19.619 ng/ul

RT: 19.61 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BM012853.D

Acq: 09 Nov 2017 15:11

Instrument :

BNA_M

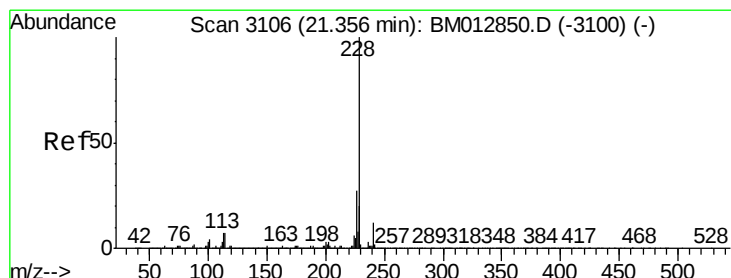
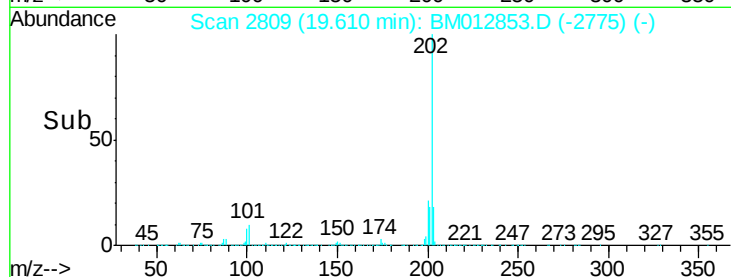
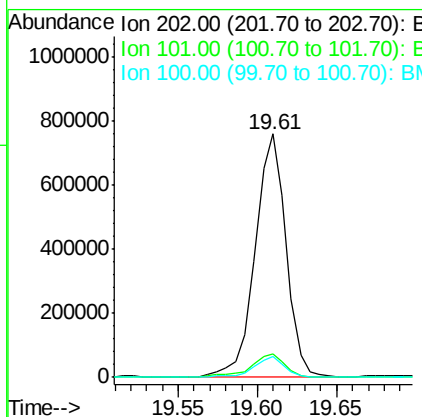
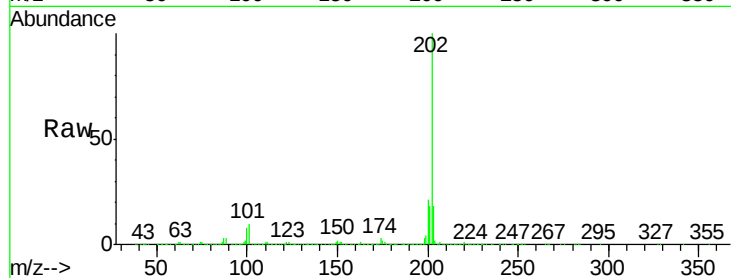
ClientSampleId :

B-76(0-1)-102317DL

Tgt Ion:	202	Resp:	1029077
Ion Ratio	Lower	Upper	
202	100		
101	9.6	10.2	15.2#
100	8.4	8.5	12.7#

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#82

Benzo(a)anthracene

Concen: 10.941 ng/ul

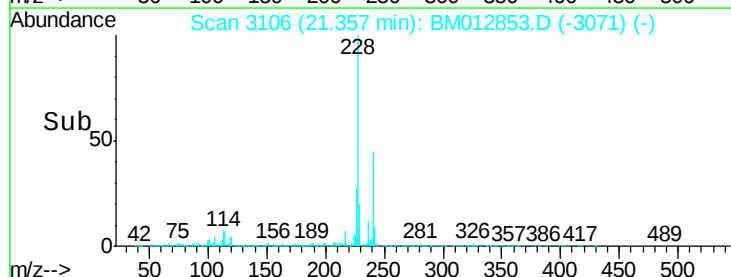
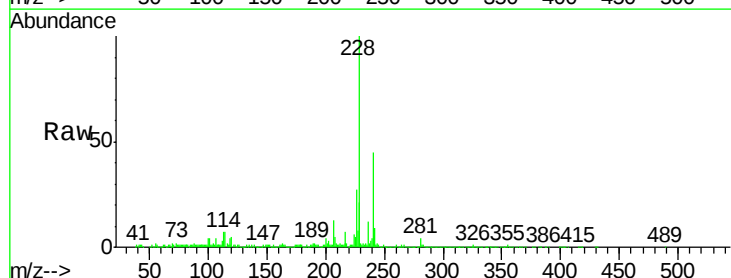
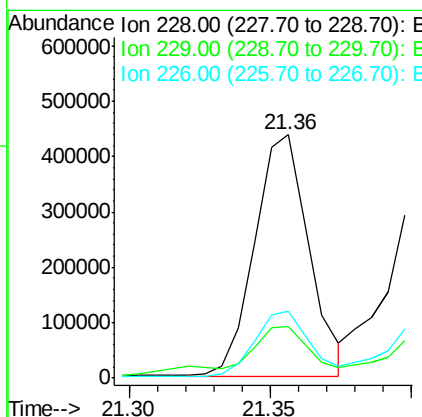
RT: 21.36 min Scan# 3106

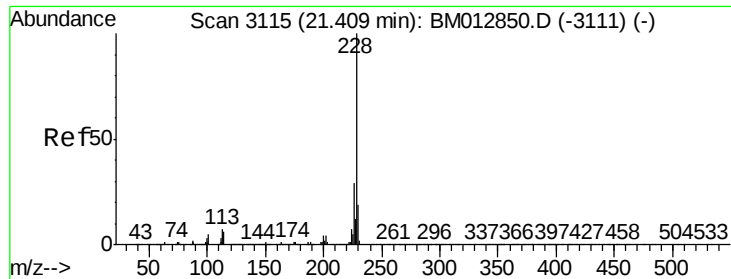
Delta R.T. 0.01 min

Lab File: BM012853.D

Acq: 09 Nov 2017 15:11

Tgt Ion:	228	Resp:	582054
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.7	23.5
226	27.3	21.8	32.6





#84

Chrysene

Concen: 12.755 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BM012853.D

Acq: 09 Nov 2017 15:11

Instrument :

BNA_M

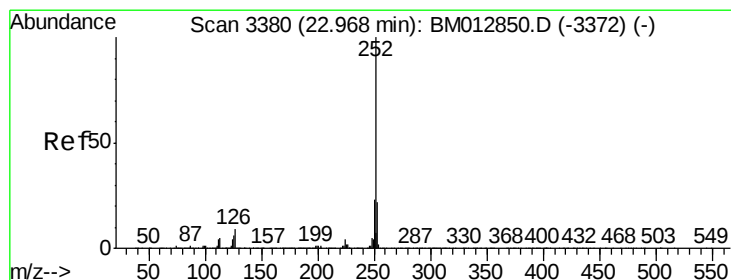
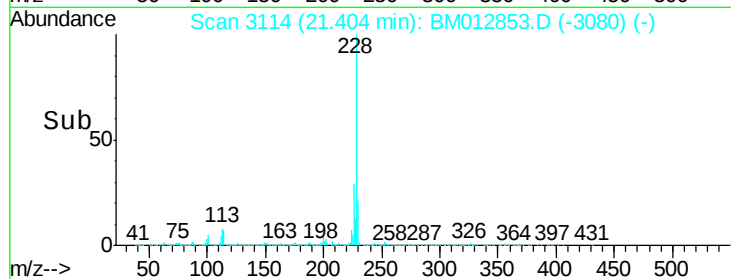
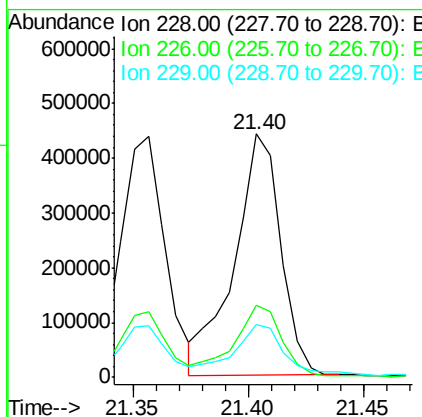
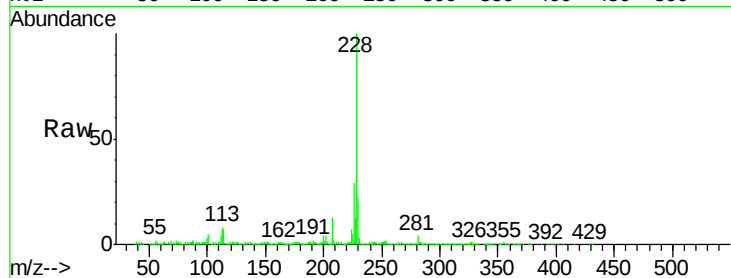
ClientSampleId :

B-76(0-1)-102317DL

Tgt Ion:	228	Resp:	614957
Ion Ratio		Lower	Upper
228	100		
226	29.4	24.0	36.0
229	21.8	15.6	23.4

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 12.951 ng/ul

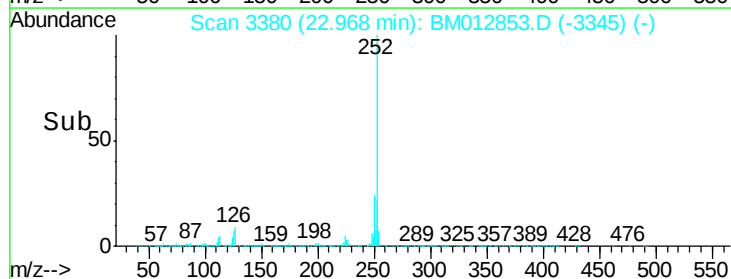
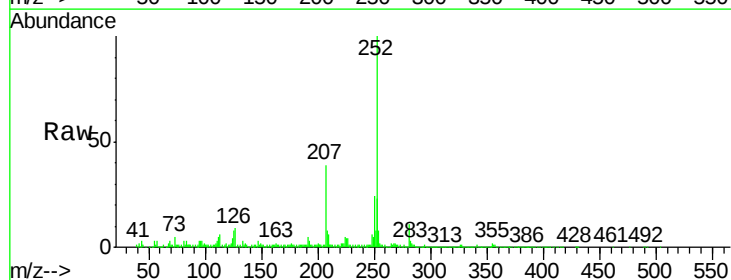
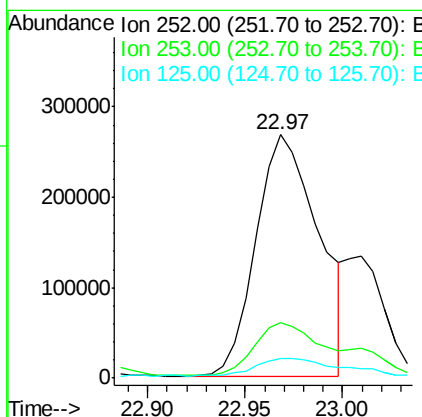
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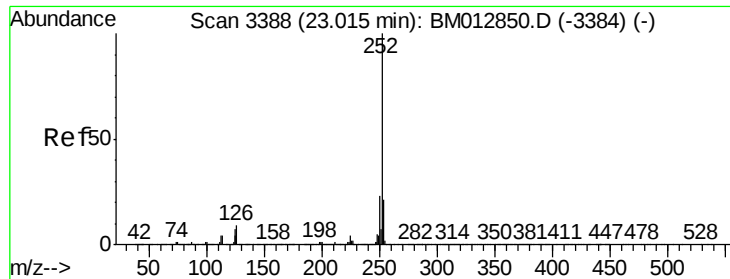
Delta R.T. 0.01 min

Lab File: BM012853.D

Acq: 09 Nov 2017 15:11

Tgt Ion:	252	Resp:	595657
Ion Ratio		Lower	Upper
252	100		
253	23.0	17.5	26.3
125	7.9	8.5	12.7#





#88

Benzo(k)fluoranthene

Concen: 4.124 ng/ul m

RT: 23.01 min Scan# 3387

Delta R.T. 0.00 min

Lab File: BM012853.D

Acq: 09 Nov 2017 15:11

Instrument :

BNA_M

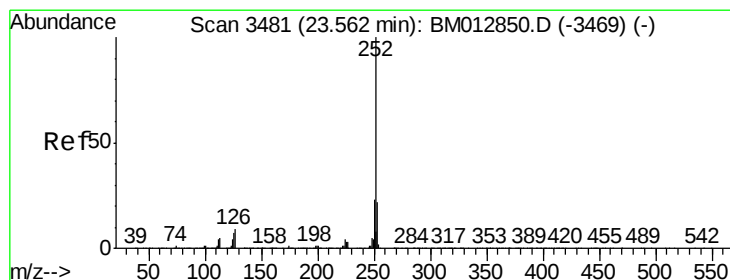
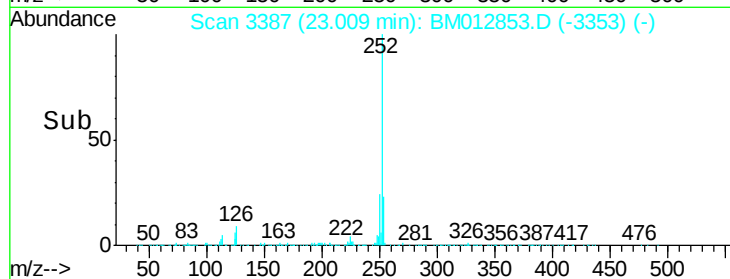
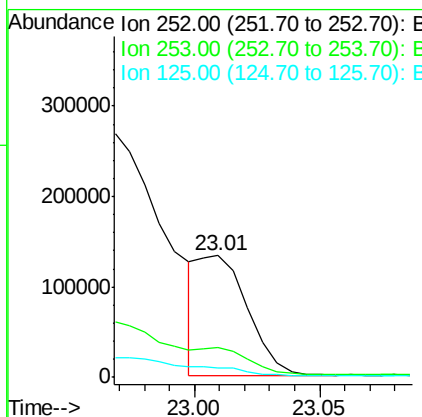
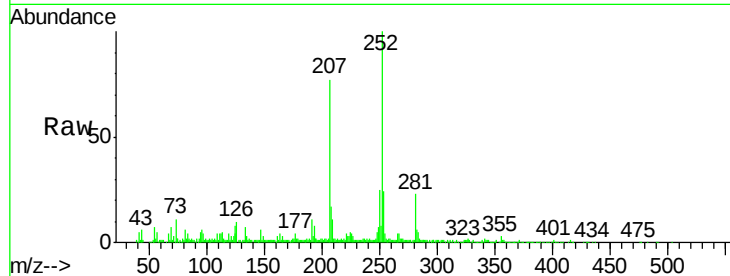
ClientSampleId :

B-76(0-1)-102317DL

Tgt Ion:	252	Resp:	180280
Ion Ratio		Lower	Upper
252	100		
253	24.4	17.3	25.9
125	8.1	8.2	12.2#

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 9.496 ng/ul m

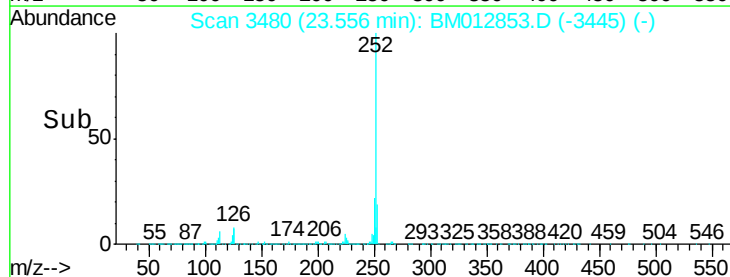
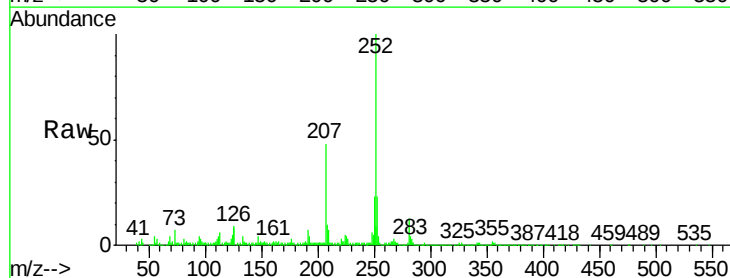
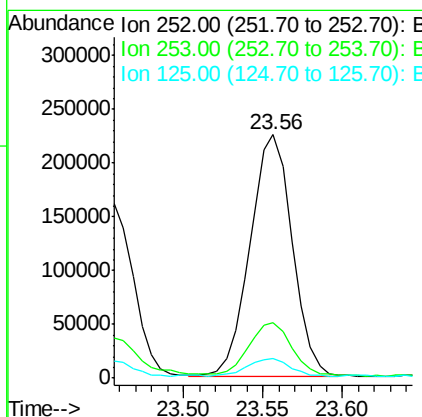
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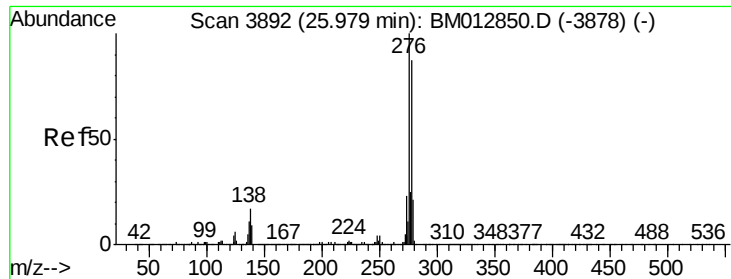
Delta R.T. 0.01 min

Lab File: BM012853.D

Acq: 09 Nov 2017 15:11

Tgt Ion:	252	Resp:	415561
Ion Ratio		Lower	Upper
252	100		
253	22.9	17.2	25.8
125	8.1	9.0	13.6#





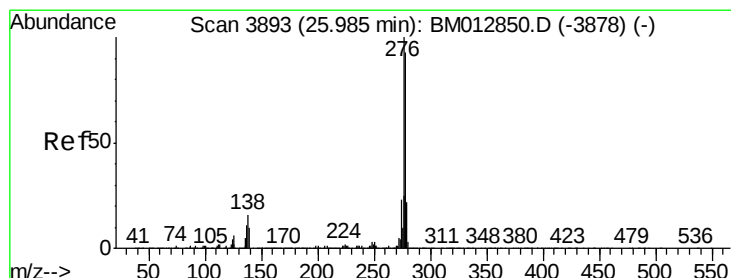
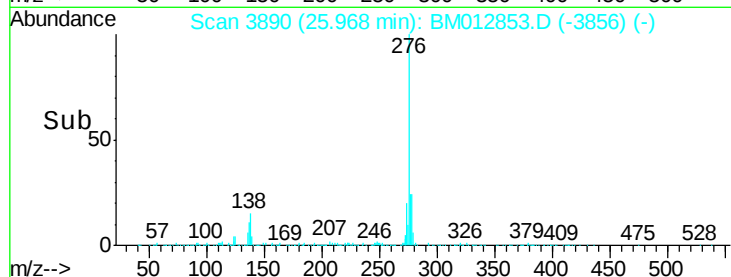
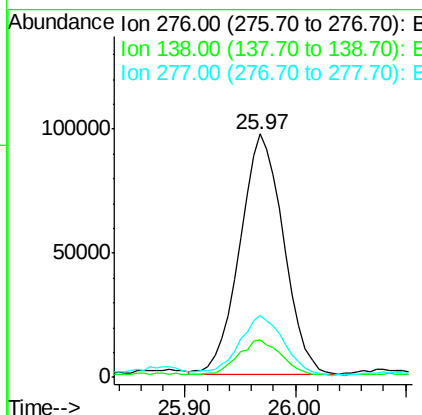
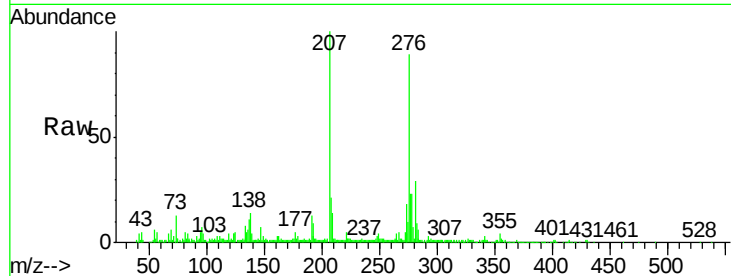
#91
Indeno(1,2,3-cd)pyrene
Concen: 5.061 ng/ul
RT: 25.97 min Scan# 3890
Delta R.T. 0.00 min
Lab File: BM012853.D
Acq: 09 Nov 2017 15:11

Instrument :
BNA_M
ClientSampleId :
B-76(0-1)-102317DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	22.3	33.5#
277	25.6	20.2	30.2

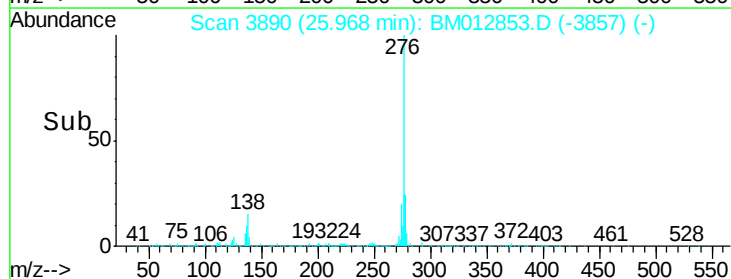
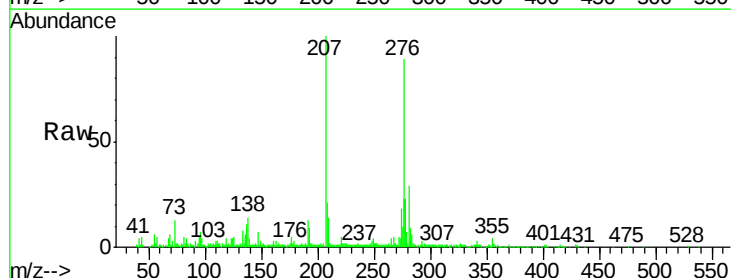
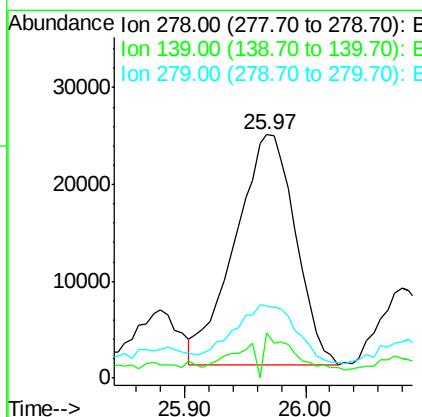
Manual Integrations
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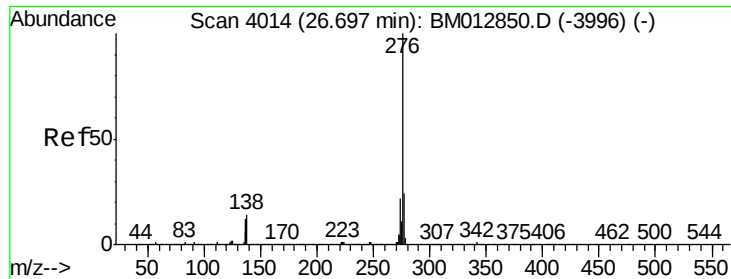
Sohil
11/9/2017 6:00:30 PM



#92
Dibenzo(a,h)anthracene
Concen: 1.844 ng/ul
RT: 25.97 min Scan# 3890
Delta R.T. -0.01 min
Lab File: BM012853.D
Acq: 09 Nov 2017 15:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	13.9	20.9
279	29.4	19.0	28.4#





#93

Benzo(g,h,i)perylene

Concen: 5.114 ng/ul

RT: 26.69 min Scan# 4012

Delta R.T. 0.01 min

Lab File: BM012853.D

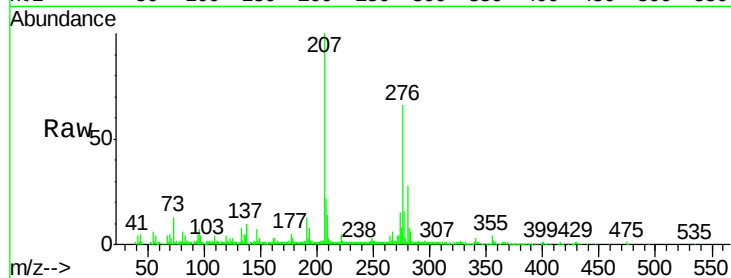
Acq: 09 Nov 2017 15:11

Instrument :

BNA_M

ClientSampleId :

B-76(0-1)-102317DL



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	14.1	18.9	28.3#	
277	24.7	19.2	28.8	

Manual Integrations
APPROVED

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11/9/2017 6:00:30 PM

