

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012517\
 Data File : BM008865.D
 Acq On : 25 Jan 2017 16:50
 Operator : SJ/MA
 Sample : I1320-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2814

Manual Integrations
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mohammad
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Quant Time: Jan 25 17:52:49 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM010917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 16:35:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	186	0.40	ng/ul	0.00
2) Naphthalene-d8	10.74	136	566	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	359	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	810	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	816	0.40	ng/ul	0.00
20) Perylene-d12	23.84	264	1028	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.32	152	275	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	950	0.40	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.78	128	407	0.26	ng/ul#	67
5) 2-Methylnaphthalene	12.39	142	283	0.25	ng/ul	93
7) Acenaphthylene	14.28	152	499	0.32	ng/ul#	79
9) Fluorene	15.62	166	486	0.34	ng/ul#	93
11) Pentachlorophenol	16.95	266	94	0.25	ng/ul	96
12) Phenanthrene	17.35	178	1623	0.66	ng/ul	97
13) Anthracene	17.43	178	420m	0.17	ng/ul	
15) Fluoranthene	19.37	202	1467	0.47	ng/ul	92
17) Pyrene	19.73	202	1671	0.51	ng/ul	96
18) Benzo(a)anthracene	21.46	228	2255	0.75	ng/ul	97
19) Chrysene	21.52	228	1364	0.48	ng/ul	97
21) Benzo(b)fluoranthene	23.11	252	1364	0.31	ng/ul	92
22) Benzo(k)fluoranthene	23.16	252	1827	0.48	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	26.25	276	1960	0.42	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.26	278	1828	0.49	ng/ul	96
26) Benzo(a,h,i)perylene	26.99	276	2548	0.62	ng/ul#	88

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

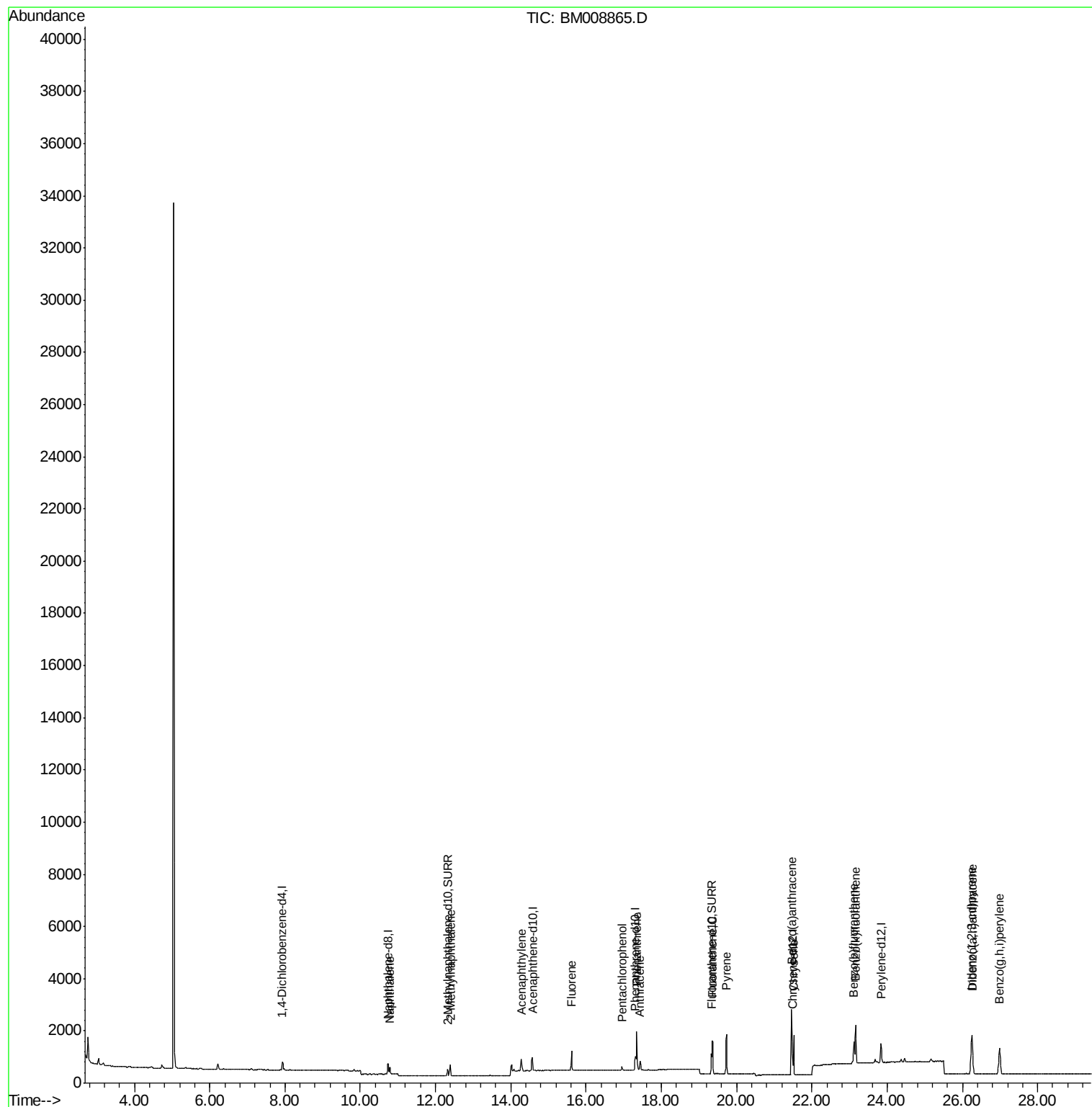
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012517\
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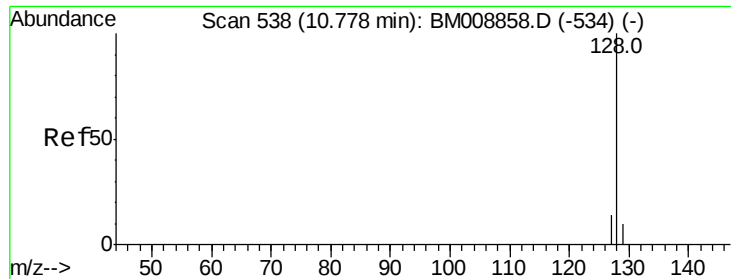
Instrument :
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QLast Update : Wed Jan 25 16:35:23 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.26 ng/ul

RT: 10.78 min Scan# 538

Delta R.T. 0.00 min

Lab File: BM008865.D

Acq: 25 Jan 2017 16:50

Instrument :

BNA_M

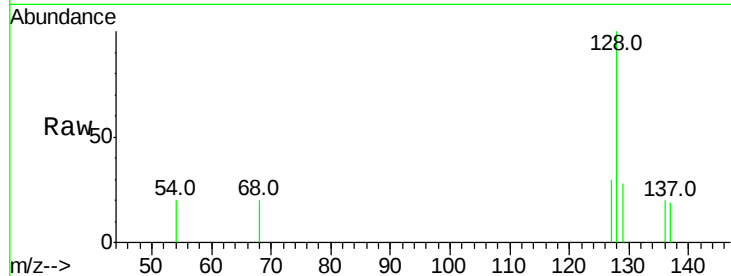
ClientSampleId :

X2814

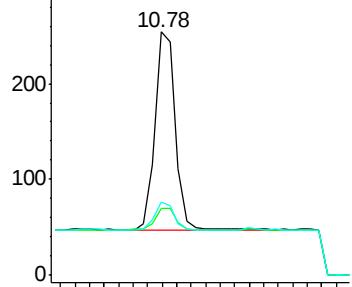
Tot Ion:	128	Resp:	407
Ion	Ratio	Lower	Upper
128	100		
129	27.6	11.3	16.9#
127	29.9	12.8	19.2#

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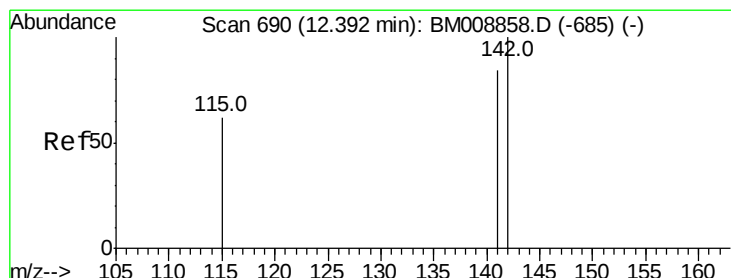
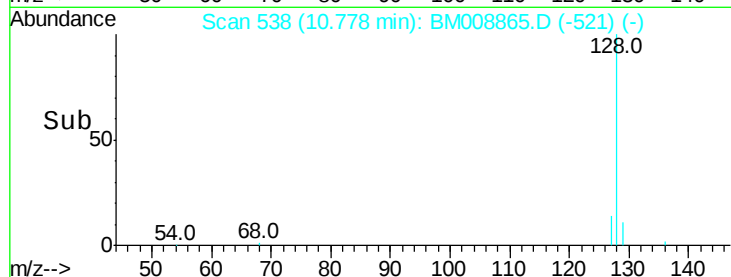
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.25 ng/ul

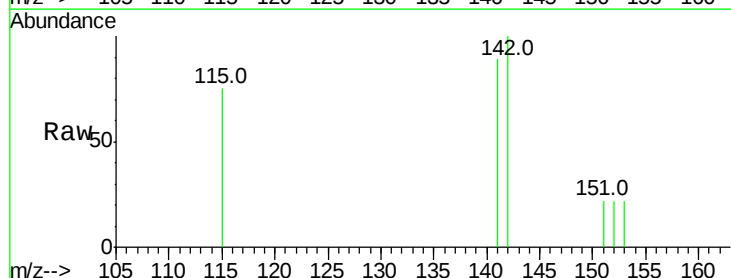
RT: 12.39 min Scan# 690

Delta R.T. 0.00 min

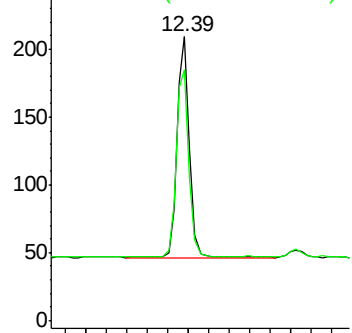
Lab File: BM008865.D

Acq: 25 Jan 2017 16:50

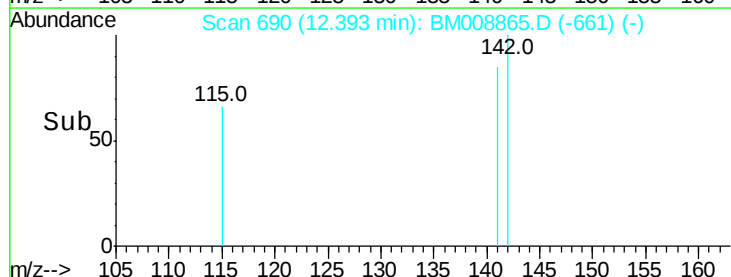
Tgt Ion:	142	Resp:	283
Ion	Ratio	Lower	Upper
142	100		
141	83.7	72.6	108.8

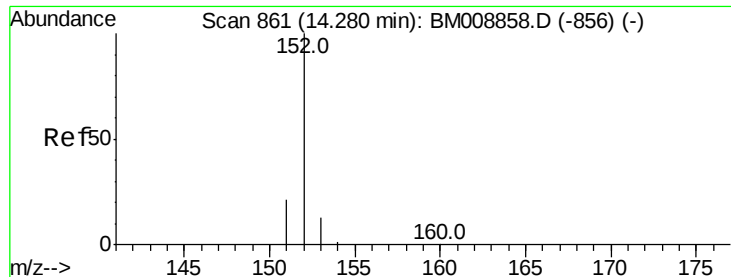


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.32 ng/ul

RT: 14.28 min Scan# 861

Delta R.T. 0.00 min

Lab File: BM008865.D

Acq: 25 Jan 2017 16:50

Instrument :

BNA_M

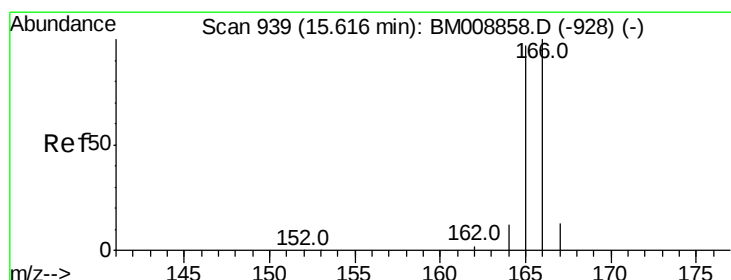
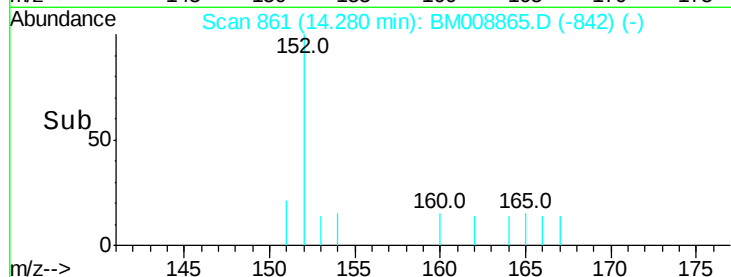
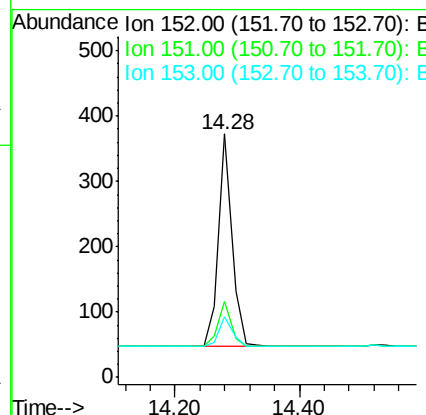
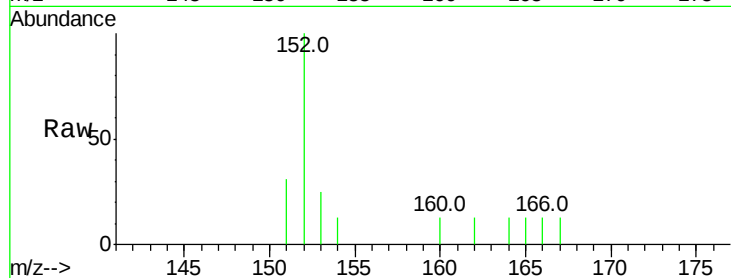
ClientSampled :

X2814

Tot Ion:	152	Resp:	499
Ion Ratio	Lower	Upper	
152	100		
151	31.1	17.1	25.7#
153	24.9	12.8	19.2#

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#9

Fluorene

Concen: 0.34 ng/ul

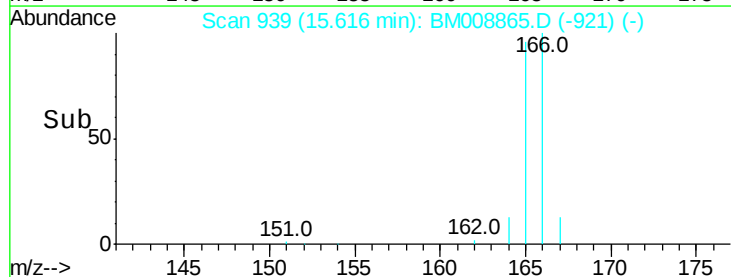
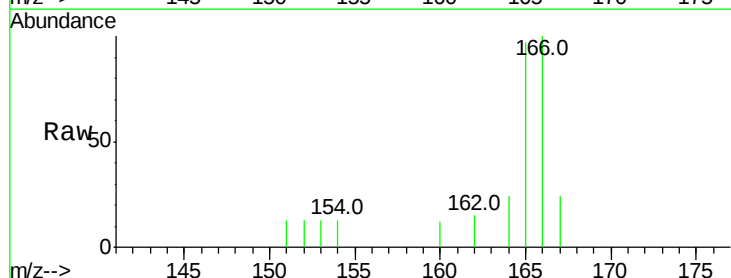
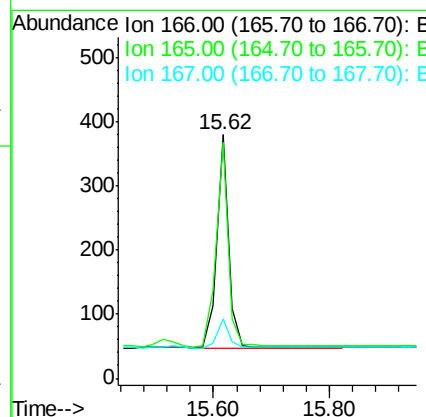
RT: 15.62 min Scan# 939

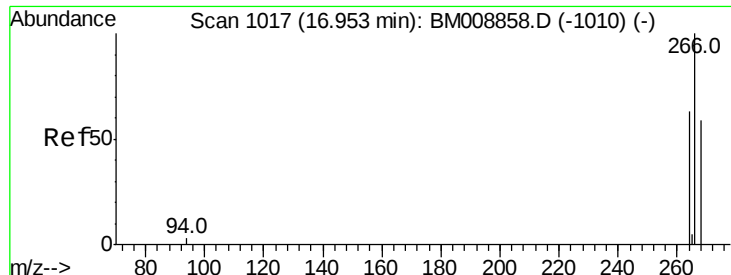
Delta R.T. 0.00 min

Lab File: BM008865.D

Acq: 25 Jan 2017 16:50

Tgt Ion:	166	Resp:	486
Ion Ratio	Lower	Upper	
166	100		
165	96.8	73.4	110.2
167	24.3	14.6	22.0#





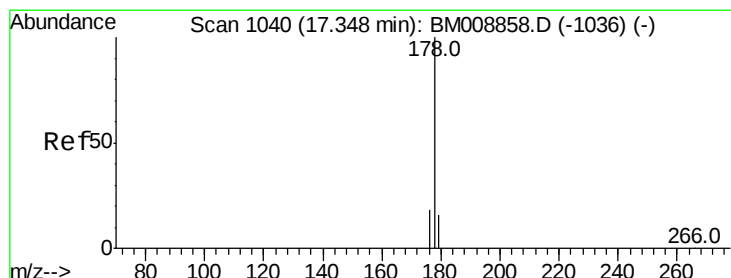
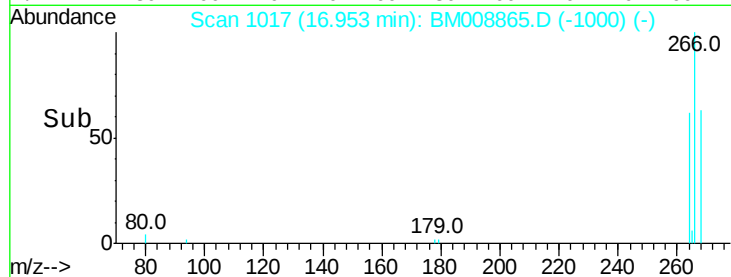
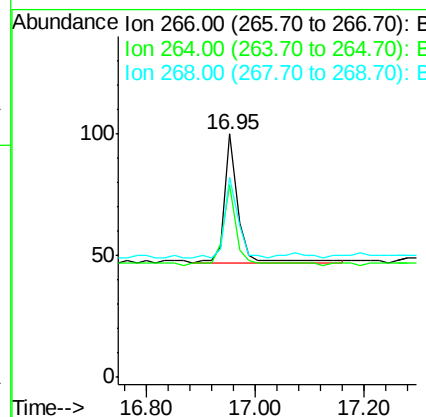
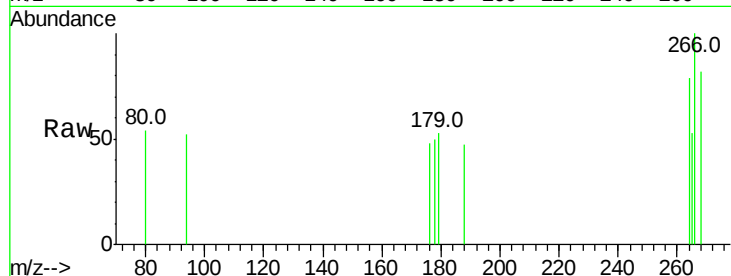
#11
 Pentachlorophenol
 Concen: 0.25 ng/ul
 RT: 16.95 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BM008865.D
 Acq: 25 Jan 2017 16:50

Instrument :
 BNA_M
 ClientSampleId :
 X2814

Tot Ion:	266	Resp:	94
Ion Ratio	Lower	Upper	
266	100		
264	66.0	47.9	71.9
268	62.8	49.8	74.8

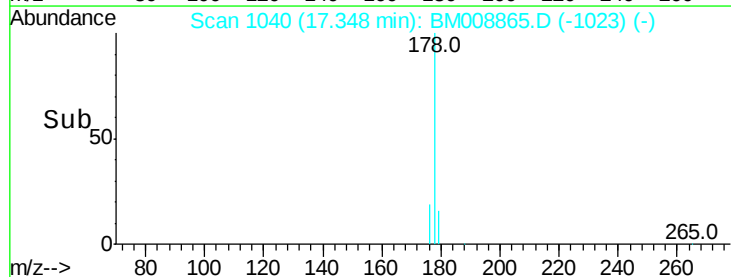
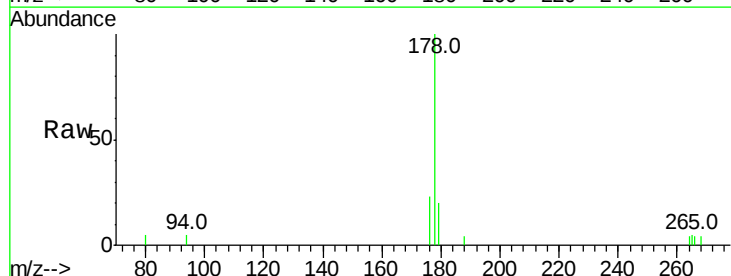
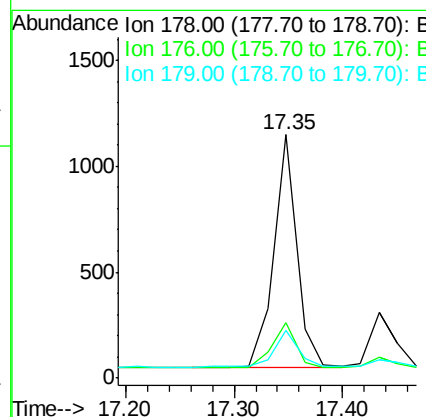
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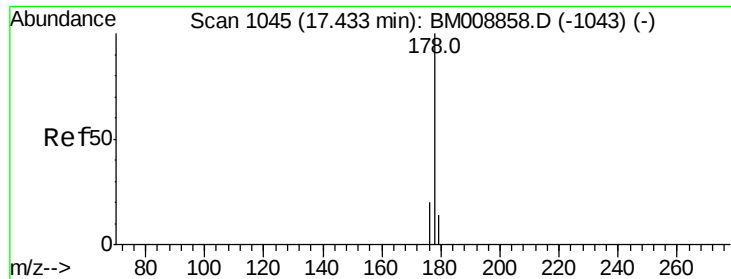
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#12
 Phenanthrene
 Concen: 0.66 ng/ul
 RT: 17.35 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BM008865.D
 Acq: 25 Jan 2017 16:50

Tgt Ion:	178	Resp:	1623
Ion Ratio	Lower	Upper	
178	100		
176	22.6	18.4	27.6
179	19.7	13.6	20.4





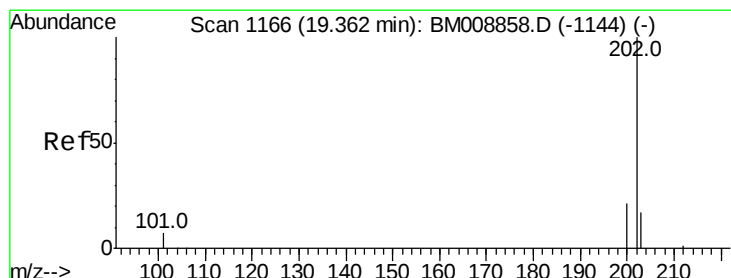
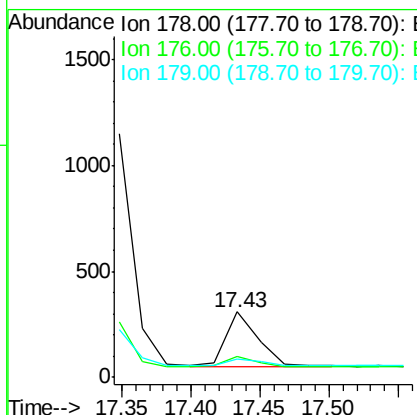
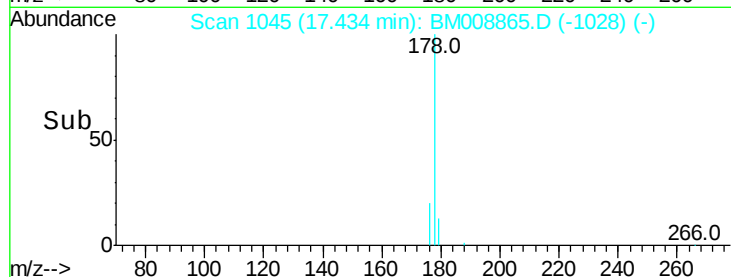
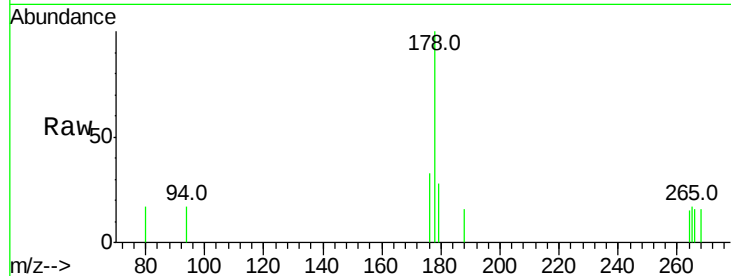
#13
 Anthracene
 Concen: 0.17 ng/ul m
 RT: 17.43 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BM008865.D
 Acq: 25 Jan 2017 16:50

Instrument :
 BNA_M
 ClientSampleId :
 X2814

Tot Ion:178 Resp: 420
 Ion Ratio Lower Upper
 178 100
 176 32.6 18.1 27.1#
 179 28.3 14.7 22.1#

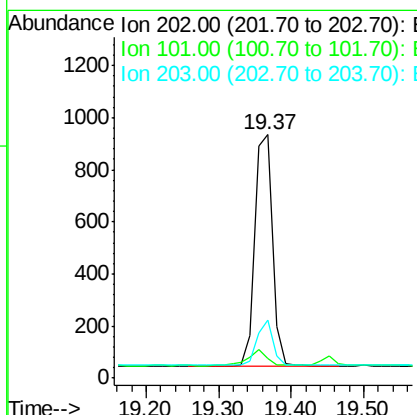
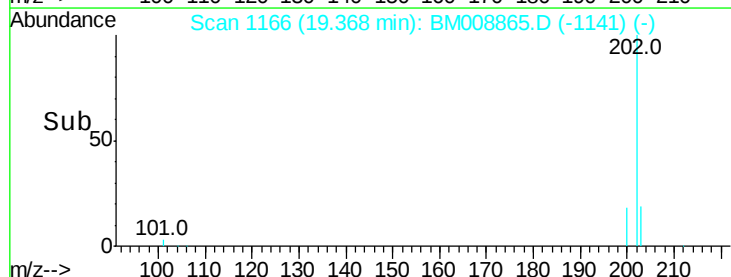
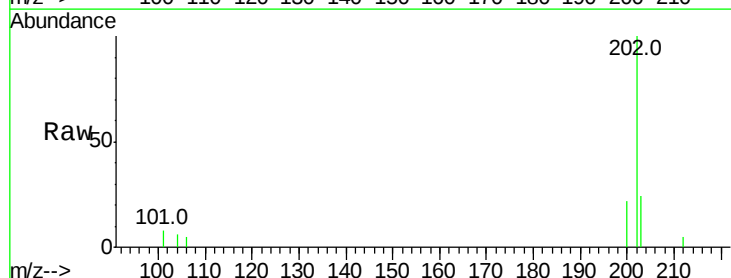
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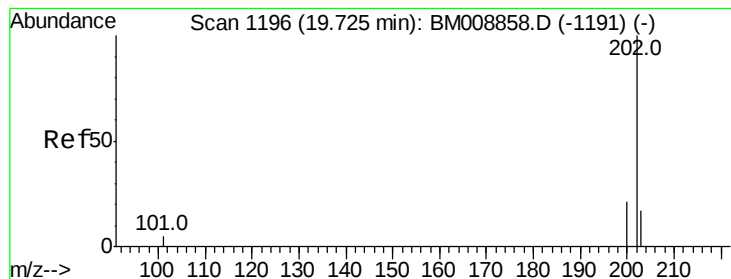
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#15
 Fluoranthene
 Concen: 0.47 ng/ul
 RT: 19.37 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: BM008865.D
 Acq: 25 Jan 2017 16:50

Tgt Ion:202 Resp: 1467
 Ion Ratio Lower Upper
 202 100
 101 7.8 0.0 30.3
 203 23.6 0.0 39.5





#17

Pvrene

Concen: 0.51 ng/ul

RT: 19.73 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BM008865.D

Acq: 25 Jan 2017 16:50

Instrument :

BNA_M

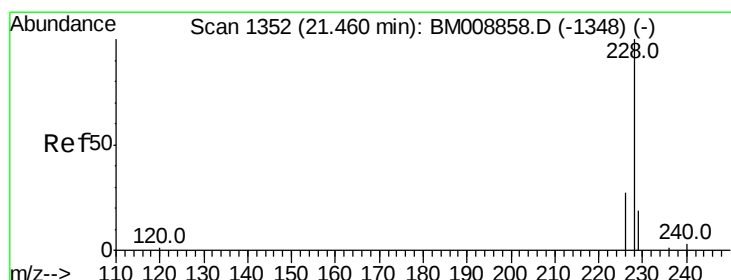
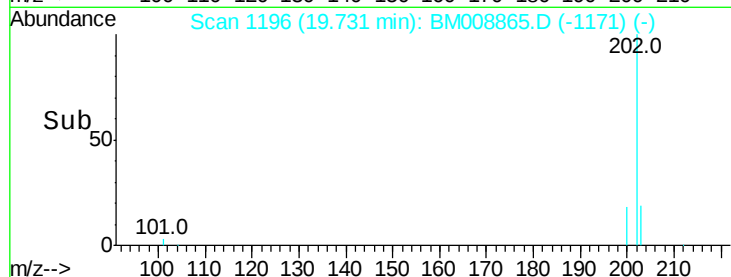
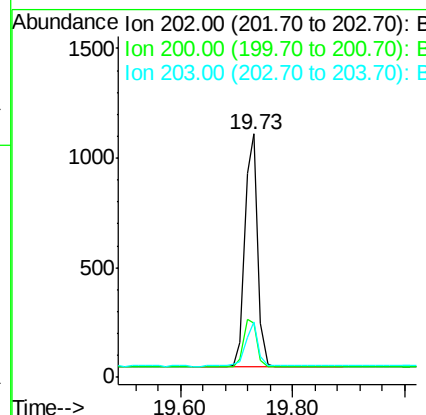
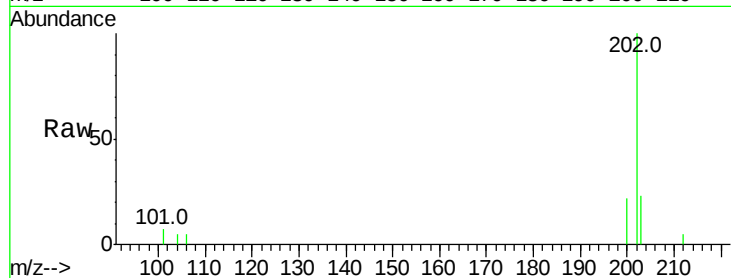
ClientSampleId :

X2814

Tot Ion:	202	Resp:	1671
Ion Ratio	Lower	Upper	
202	100		
200	22.1	18.2	27.4
203	23.0	15.6	23.4

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#18

Benzo(a)anthracene

Concen: 0.75 ng/ul

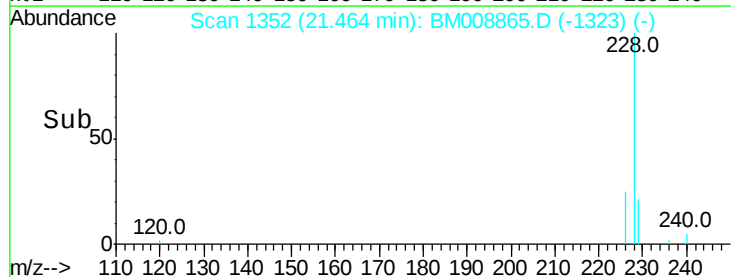
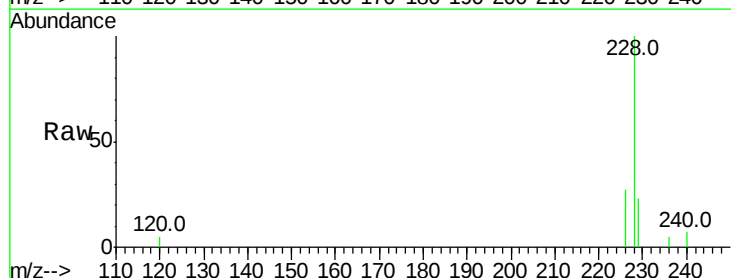
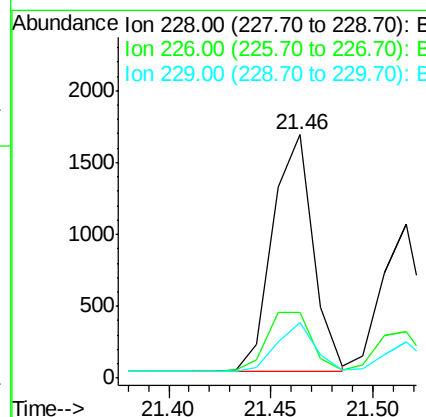
RT: 21.46 min Scan# 1352

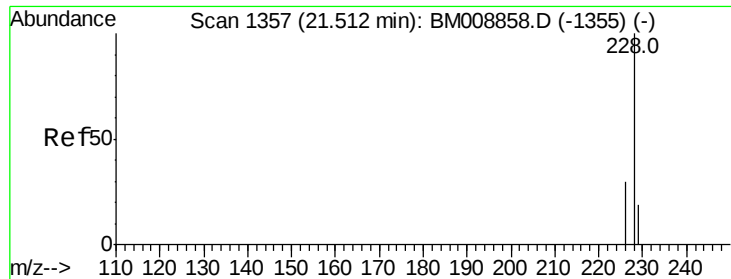
Delta R.T. 0.00 min

Lab File: BM008865.D

Acq: 25 Jan 2017 16:50

Tgt Ion:	228	Resp:	2255
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.8	34.2
229	23.0	17.0	25.6





#19

Chrysene

Concen: 0.48 ng/ul

RT: 21.52 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BM008865.D

Acq: 25 Jan 2017 16:50

Instrument :

BNA_M

ClientSampleId :

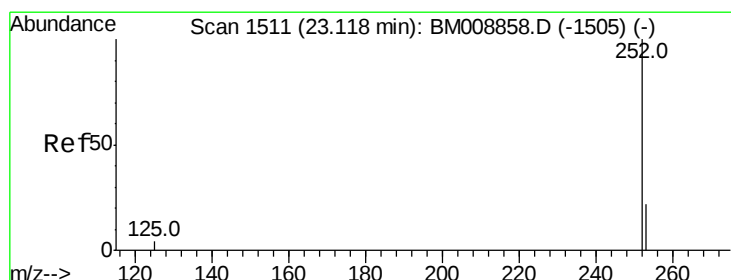
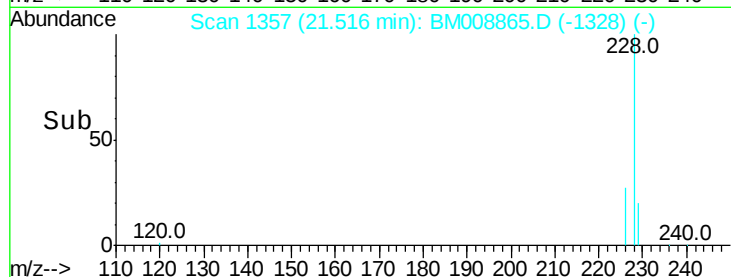
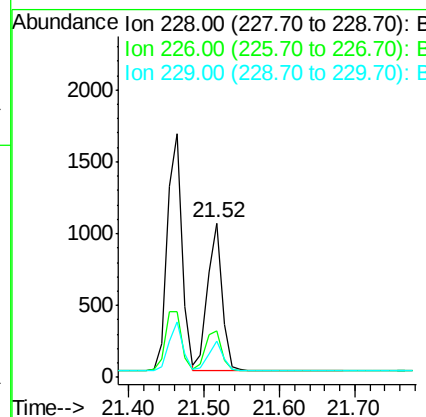
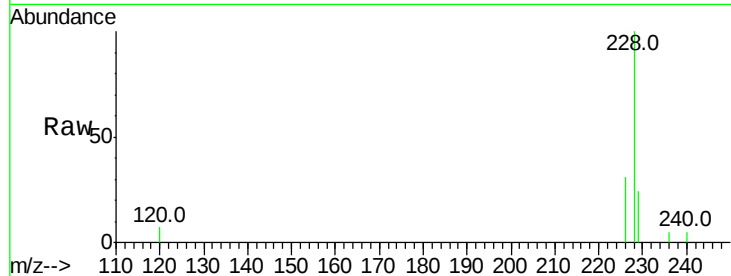
X2814

Tot Ion:228 Resp: 1364

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	23.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.31 ng/ul

RT: 23.11 min Scan# 1510

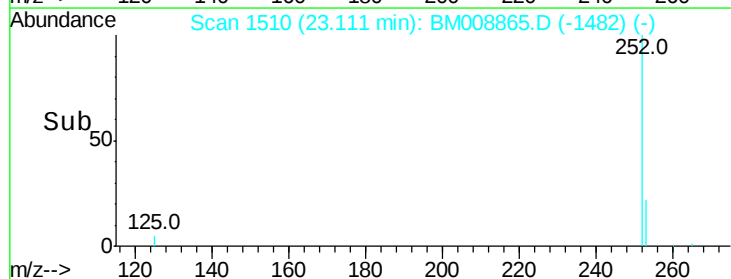
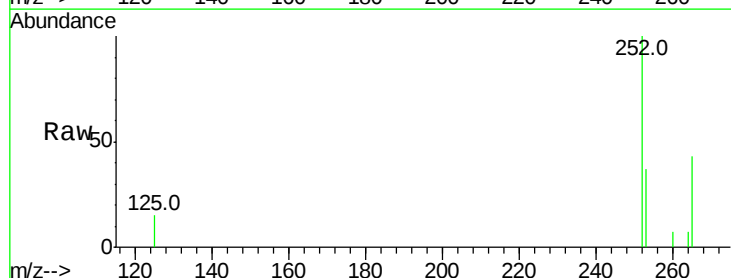
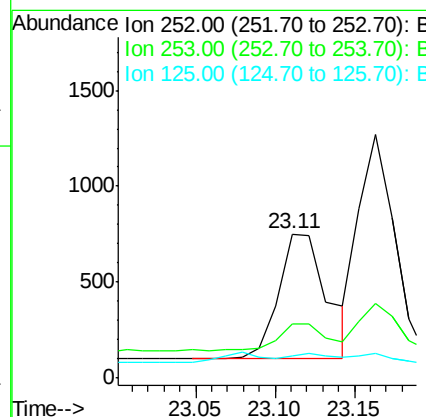
Delta R.T. -0.01 min

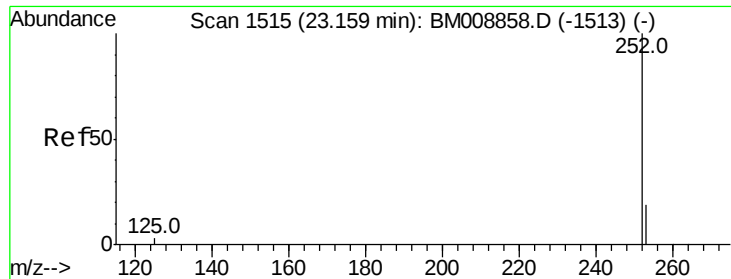
Lab File: BM008865.D

Acq: 25 Jan 2017 16:50

Tgt Ion:252 Resp: 1364

Ion	Ratio	Lower	Upper
252	100		
253	37.3	0.0	64.2
125	15.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.48 ng/ul

RT: 23.16 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BM008865.D

Acq: 25 Jan 2017 16:50

Instrument :

BNA_M

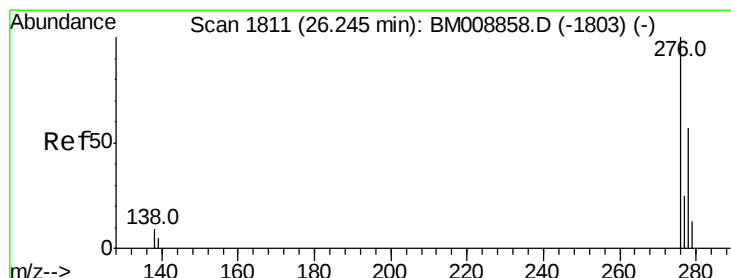
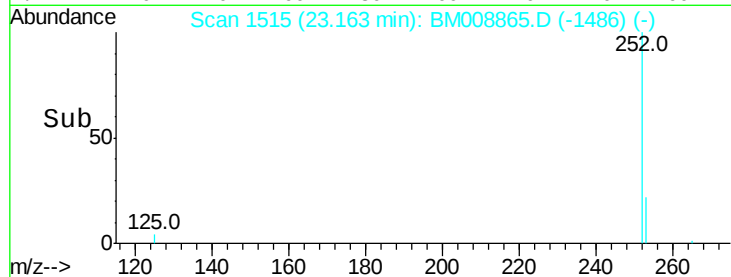
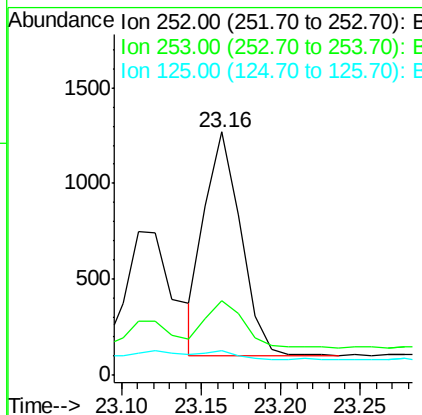
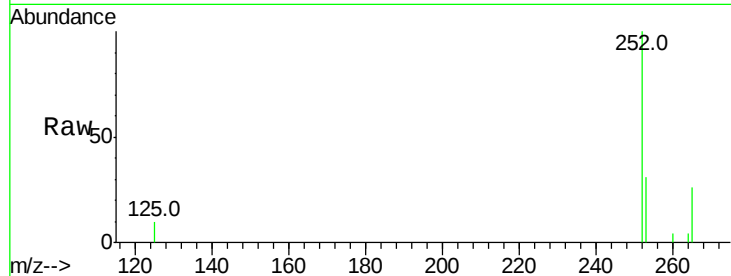
ClientSampleId :

X2814

Tot Ion:	252	Resp:	1827
Ion Ratio	Lower	Upper	
252	100		
253	30.9	24.5	36.7
125	10.2	13.7	20.5#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.42 ng/ul

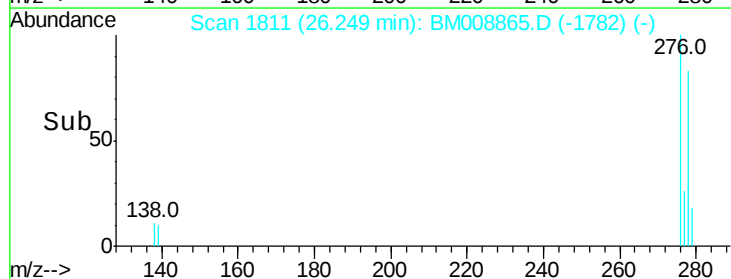
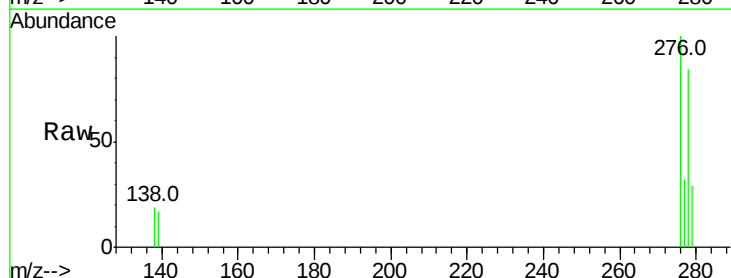
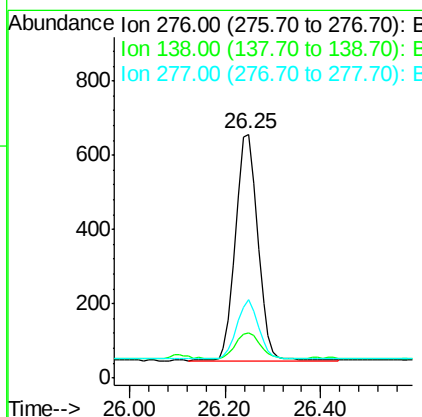
RT: 26.25 min Scan# 1811

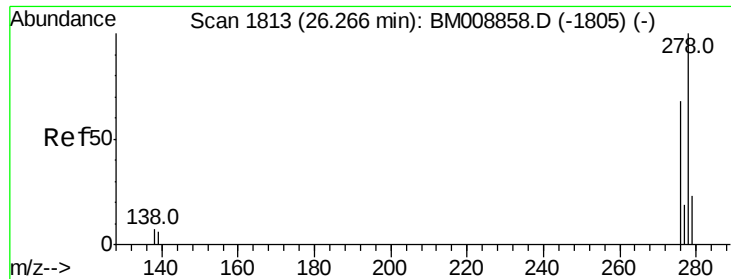
Delta R.T. 0.00 min

Lab File: BM008865.D

Acq: 25 Jan 2017 16:50

Tgt Ion:	276	Resp:	1960
Ion Ratio	Lower	Upper	
276	100		
138	12.2	19.1	28.7#
277	24.5	19.6	29.4





#25

Dibenzo(a,h)anthracene

Concen: 0.49 ng/ul

RT: 26.26 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BM008865.D

Acq: 25 Jan 2017 16:50

Instrument :

BNA_M

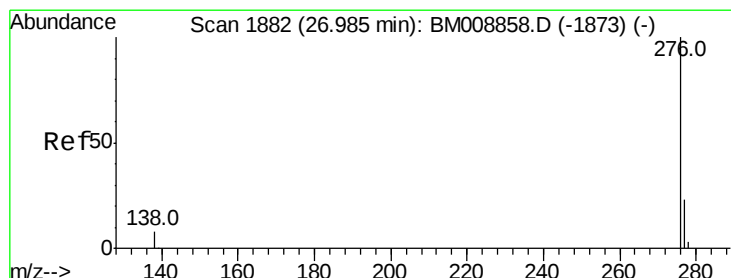
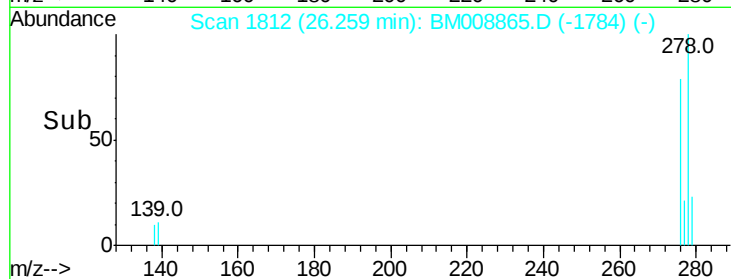
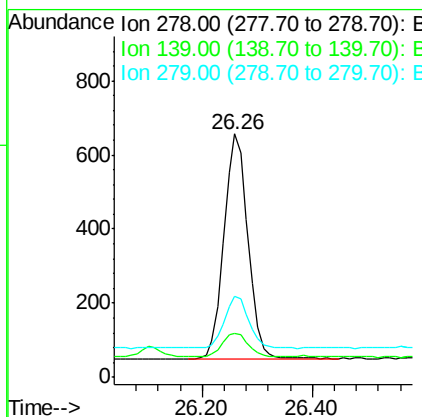
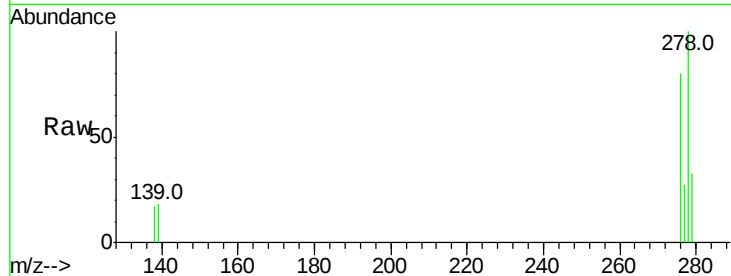
ClientSampleId :

X2814

Tot Ion:	278	Resp:	1828
Ion Ratio	Lower	Upper	
278	100		
139	18.3	17.4	26.0
279	33.5	25.9	38.9

Manual Integrations
APPROVED

mohammad
1/26/2017 5:10:16 PM



#26

Benzo(g,h,i)perylene

Concen: 0.62 ng/ul

RT: 26.99 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BM008865.D

Acq: 25 Jan 2017 16:50

Tgt Ion:	276	Resp:	2548
Ion Ratio	Lower	Upper	
276	100		
277	29.3	21.8	32.8
138	14.6	20.5	30.7#

