

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
 Data File : BM008423.D
 Acq On : 17 Dec 2016 22:01
 Operator : UM/SJ
 Sample : H6067-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G4

Manual Integrations
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Quant Time: Dec 18 04:44:27 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 18 04:15:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	141176	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	526011	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	311882	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	567450	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	704190	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	769846	20.00	ng/ul	0.00

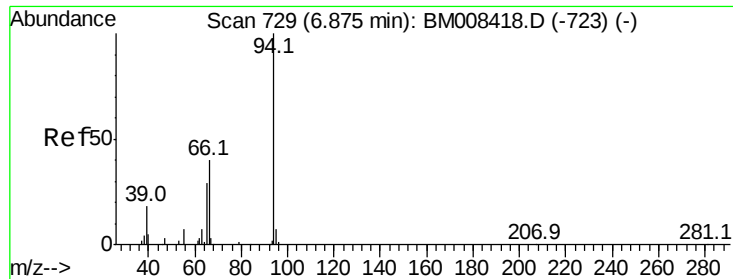
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	14673	4.89	ng/uL	0.00
5) Phenol-d5	6.85	99	257568	23.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	172128	27.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	222049	26.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	189543	22.34	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	111366	29.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	118496	28.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	200300	25.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	163489	18.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	624142	30.10	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	754462	30.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	37862m	12.40	ng/ul	0.04
57) Fluorene-d10	15.30	176	514478	28.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	54483	16.13	ng/ul	0.00
70) Anthracene-d10	17.15	188	751153	30.38	ng/ul	0.00
76) Pyrene-d10	19.46	212	875188	32.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	970413	30.02	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	6.88	94	54100	4.76	ng/ul	98
16) 4-Methylphenol	8.45	108	9185	1.02	ng/ul	90
28) Naphthalene	10.48	128	53459	2.15	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	54984	3.06	ng/ul	93
44) Dimethylphthalate	13.76	163	158268	7.79	ng/ul	99
69) Phenanthrene	17.10	178	195903	6.74	ng/ul	99
71) Anthracene	17.19	178	42586m	1.44	ng/ul	
74) Fluoranthene	19.12	202	345120	9.66	ng/ul	98
77) Pvrene	19.49	202	417700	12.08	ng/ul	100
80) Benzo(a)anthracene	21.24	228	276991	7.61	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.16	149	1305996	71.92	ng/ul	99
82) Chrysene	21.29	228	338027	9.66	ng/ul	96
85) Benzo(b)fluoranthene	22.82	252	505330	12.16	ng/ul#	96
86) Benzo(k)fluoranthene	22.86	252	116653m	2.93	ng/ul	
88) Benzo(a)pyrene	23.39	252	306260	7.65	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	220192	4.53	ng/ul	98
90) Dibenzo(a,h)anthracene	25.70	278	77717	1.90	ng/ul#	86
91) Benzo(g,h,i)perylene	26.40	276	285708	7.03	ng/ul	98

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



#6

Phenol

Concen: 4.76 ng/ul

RT: 6.88 min Scan# 730

Delta R.T. 0.01 min

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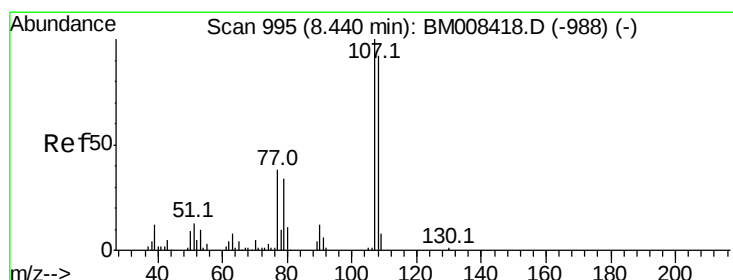
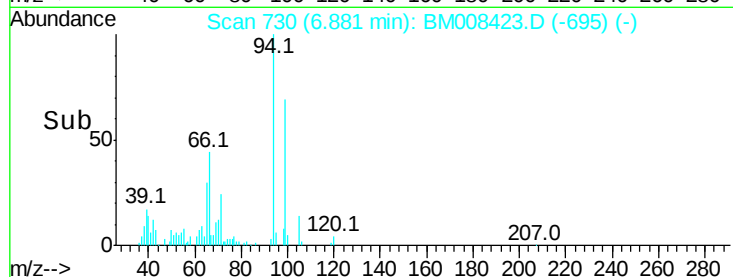
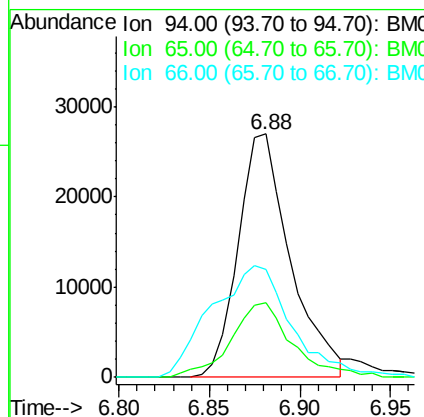
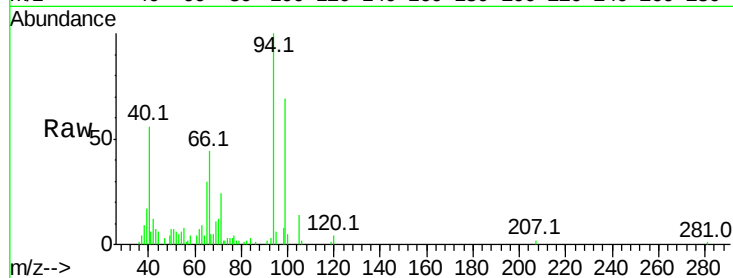
ClientSampleId :

DA7G4

Tot Ion:	94	Resp:	54100
Ion Ratio	Lower	Upper	
94	100		
65	30.4	22.6	34.0
66	44.4	35.8	53.8

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#16

4-Methylphenol

Concen: 1.02 ng/ul

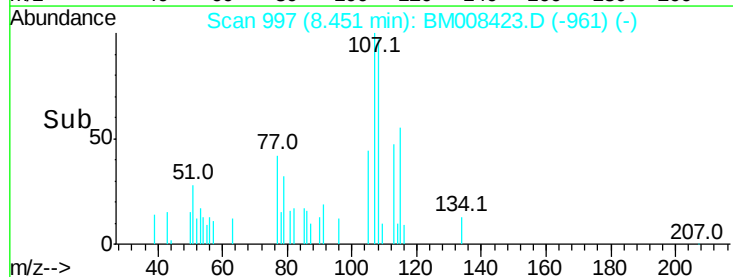
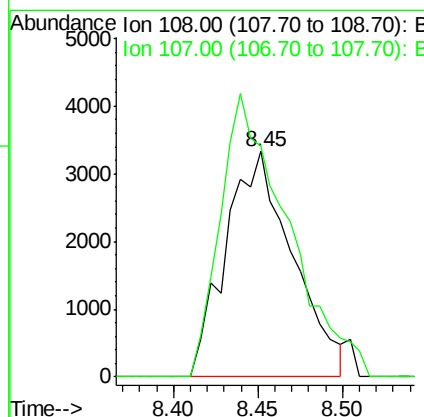
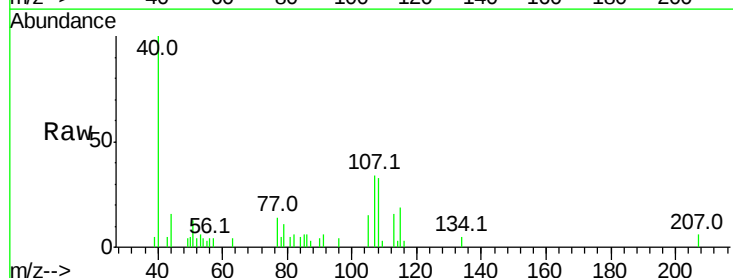
RT: 8.45 min Scan# 997

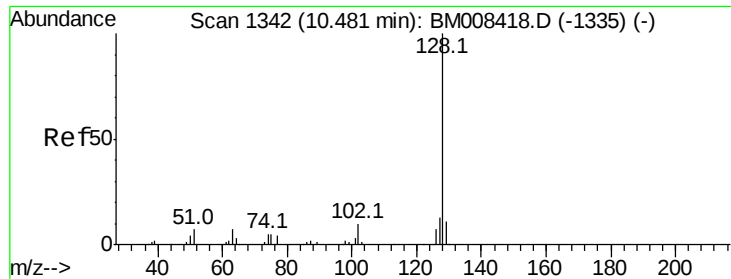
Delta R.T. 0.01 min

Lab File: BM008423.D

Acq: 17 Dec 2016 22:01

Tgt Ion:	108	Resp:	9185
Ion Ratio	Lower	Upper	
108	100		
107	102.6	90.6	135.8





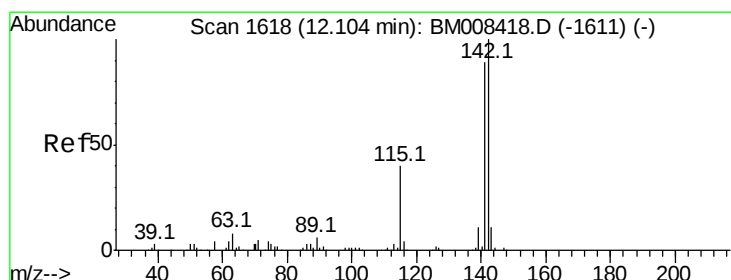
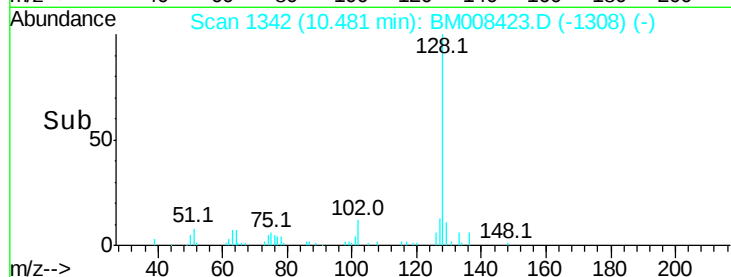
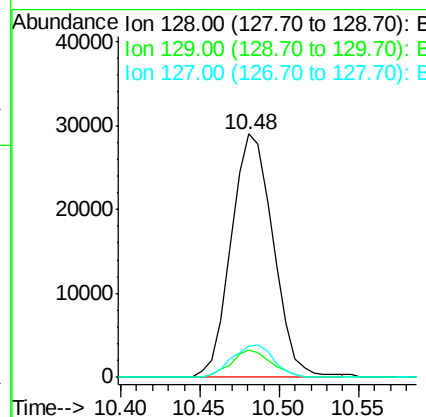
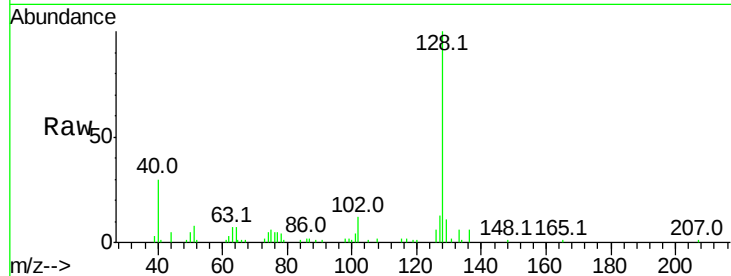
#28
Naphthalene
Concen: 2.15 ng/ul
RT: 10.48 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BM008423.D
Acq: 17 Dec 2016 22:01

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.4	12.6
127	13.0	10.4	15.6

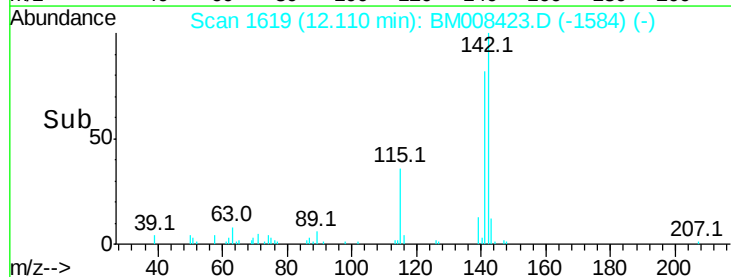
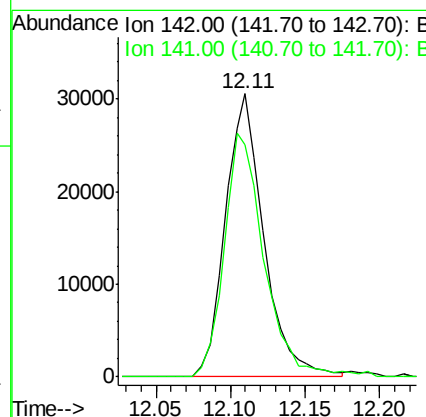
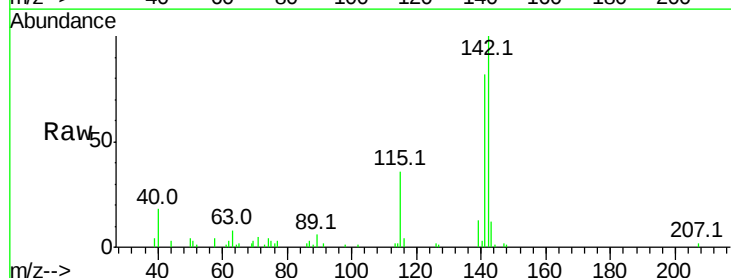
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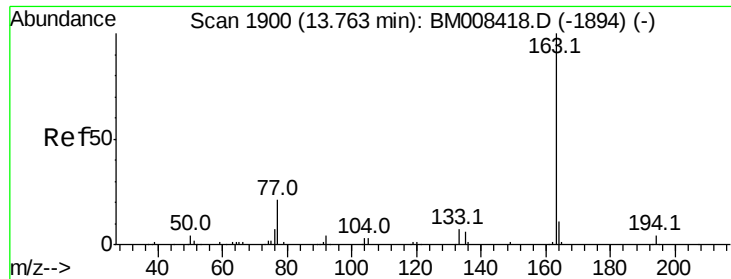
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#34
2-Methylnaphthalene
Concen: 3.06 ng/ul
RT: 12.11 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BM008423.D
Acq: 17 Dec 2016 22:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	82.2	71.1	106.7





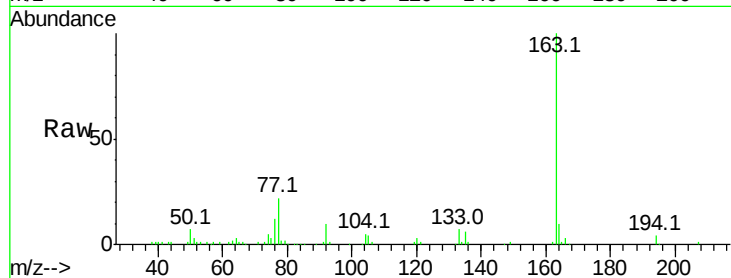
#44
Dimethylphthalate
Concen: 7.79 ng/ul
RT: 13.76 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BM008423.D
Acq: 17 Dec 2016 22:01

Instrument :
BNA_M
ClientSampleId :
DA7G4

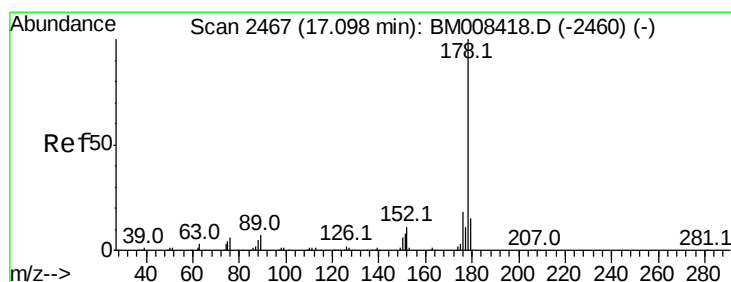
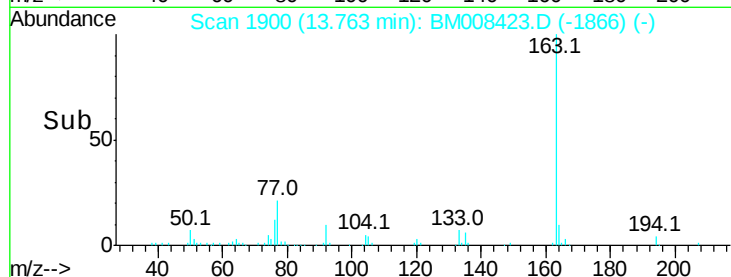
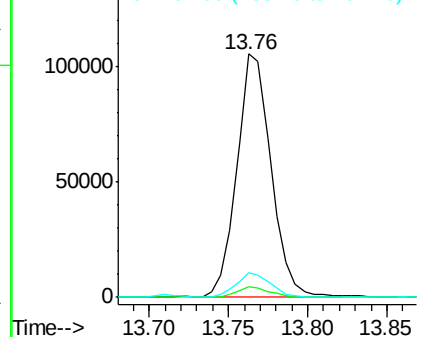
Tot Ion	Ratio	Resp	Lower	Upper
163	100	158268		
194	4.2	3.5	5.3	
164	10.3	7.8	11.8	

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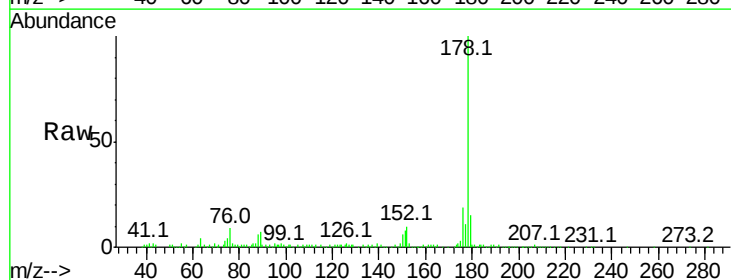


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

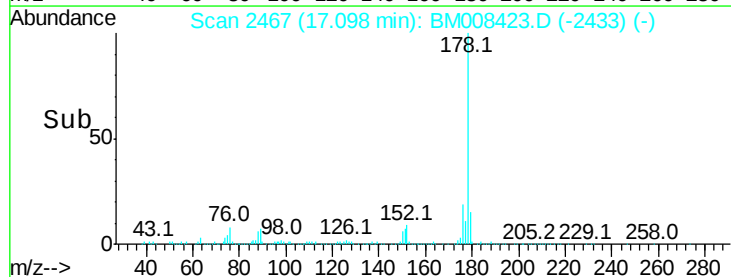
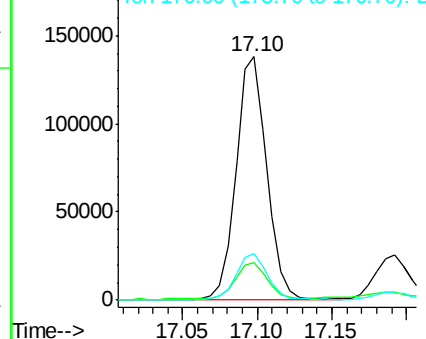


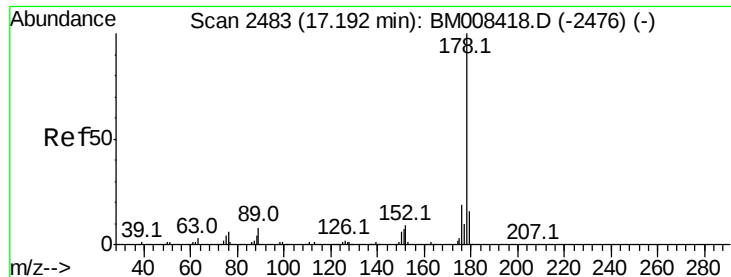
#69
Phenanthrene
Concen: 6.74 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BM008423.D
Acq: 17 Dec 2016 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	195903		
179	15.5	12.0	18.0	
176	18.9	14.6	21.8	



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





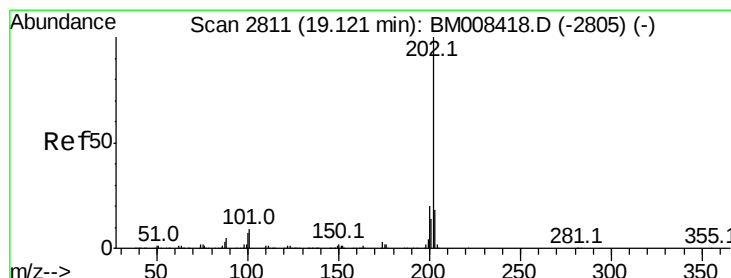
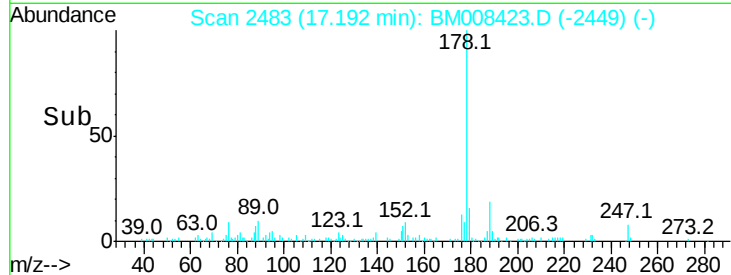
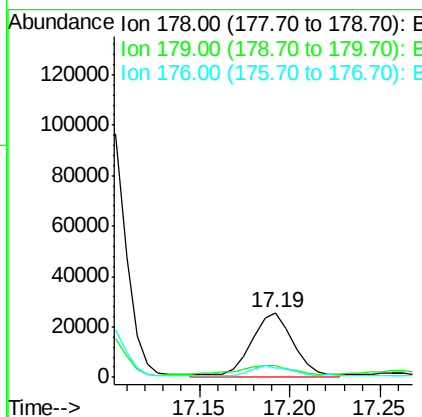
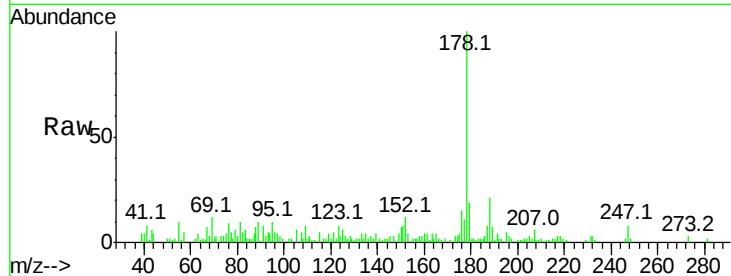
#71
 Anthracene
 Concen: 1.44 ng/ul m
 RT: 17.19 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BM008423.D
 Acq: 17 Dec 2016 22:01

Instrument :
 BNA_M
 ClientSampleId :
 DA7G4

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.1	12.1	18.1#
176	15.5	14.3	21.5

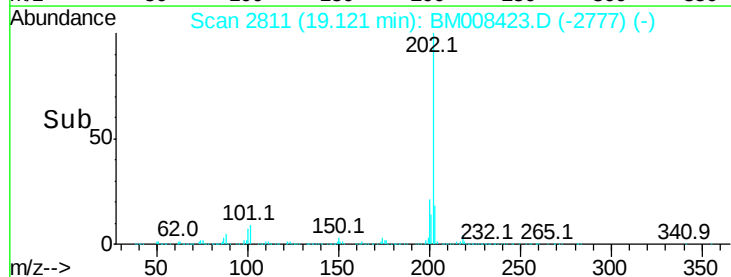
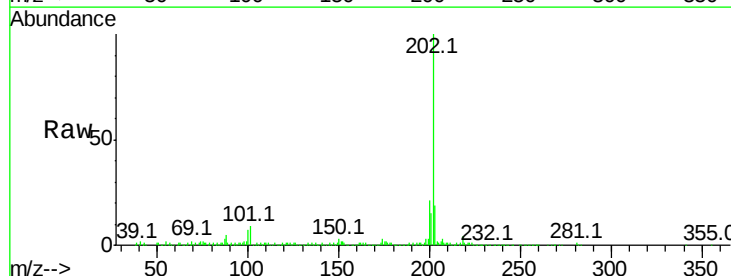
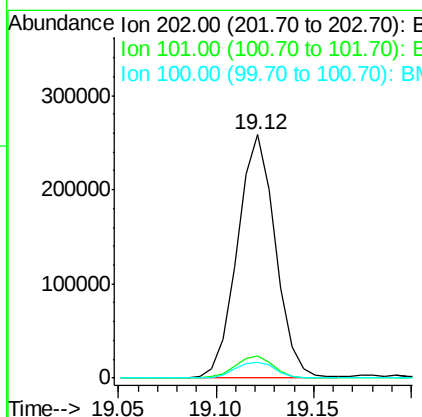
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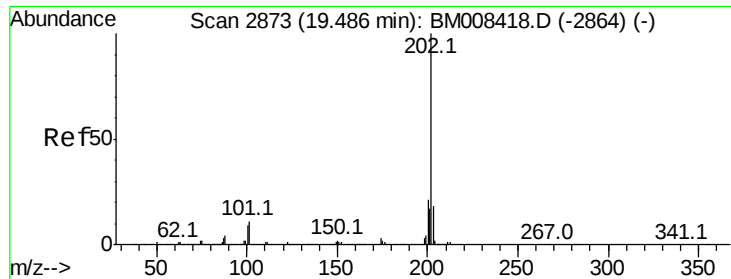
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#74
 Fluoranthene
 Concen: 9.66 ng/ul
 RT: 19.12 min Scan# 2811
 Delta R.T. -0.00 min
 Lab File: BM008423.D
 Acq: 17 Dec 2016 22:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	6.6	10.0
100	6.6	5.3	7.9





#77

Pvrene

Concen: 12.08 ng/ul

RT: 19.49 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BM008423.D

Acq: 17 Dec 2016 22:01

Instrument :

BNA_M

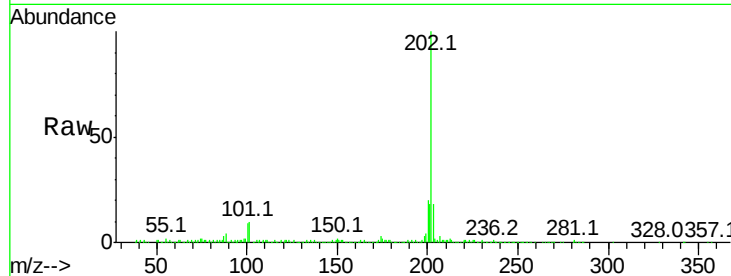
ClientSampleId :

DA7G4

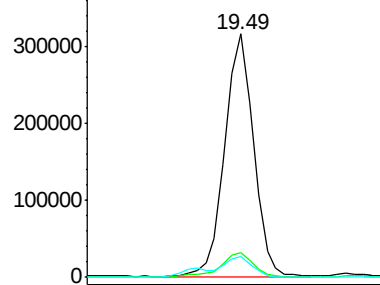
Tot Ion:	202	Resp:	417700
Ion Ratio	Lower	Upper	
202	100		
101	10.4	8.2	12.4
100	8.7	7.0	10.6

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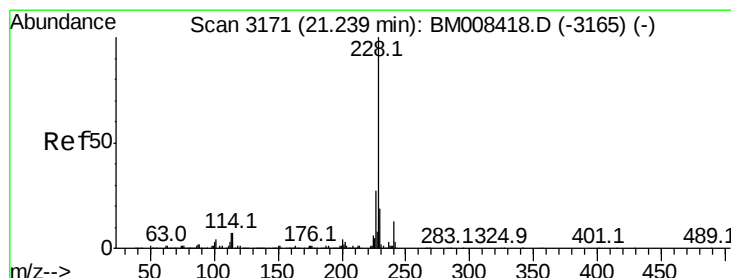
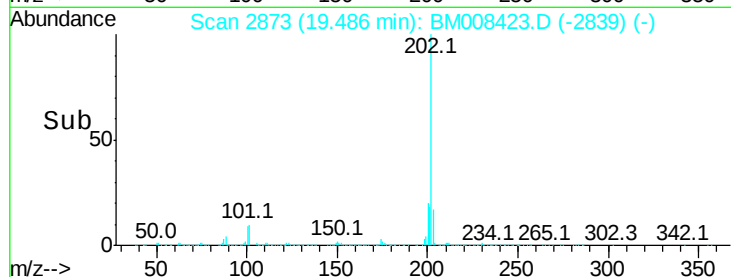
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->



#80

Benzo(a)anthracene

Concen: 7.61 ng/ul

RT: 21.24 min Scan# 3171

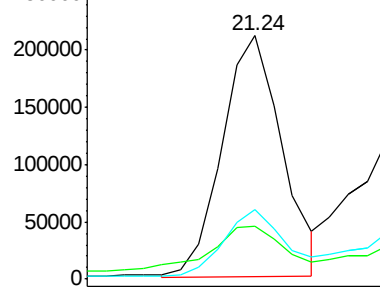
Delta R.T. -0.00 min

Lab File: BM008423.D

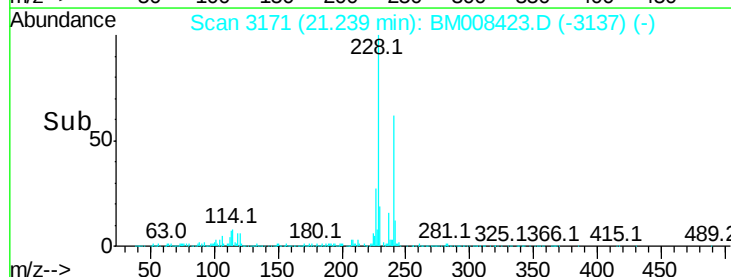
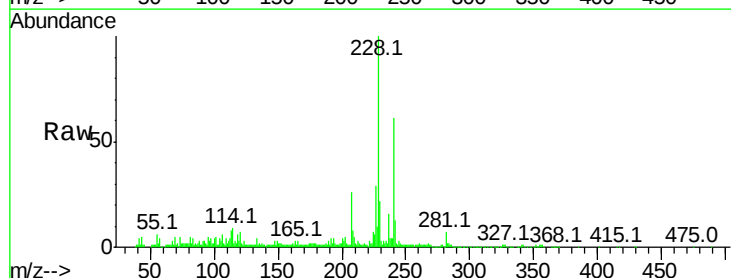
Acq: 17 Dec 2016 22:01

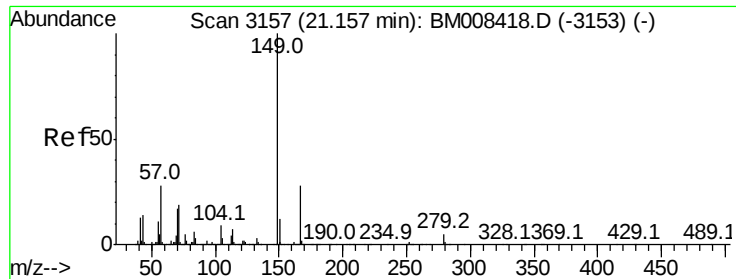
Tgt Ion:	228	Resp:	276991
Ion Ratio	Lower	Upper	
228	100		
229	22.0	15.4	23.2
226	28.5	21.2	31.8

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



Time-->





#81

Bis(2-ethylhexyl)phthalate

Concen: 71.92 ng/ul

RT: 21.16 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BM008423.D

Acq: 17 Dec 2016 22:01

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Tot Ion:149 Resp: 1305996

Ion Ratio Lower Upper

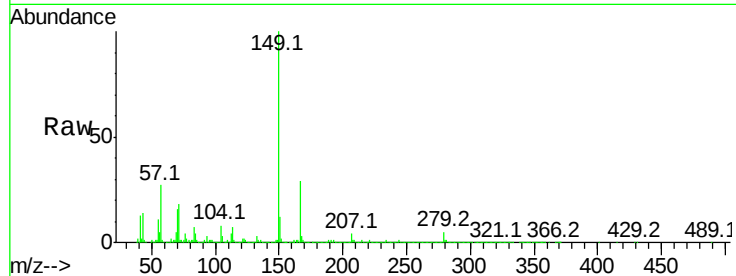
149 100

167 28.8 22.6 34.0

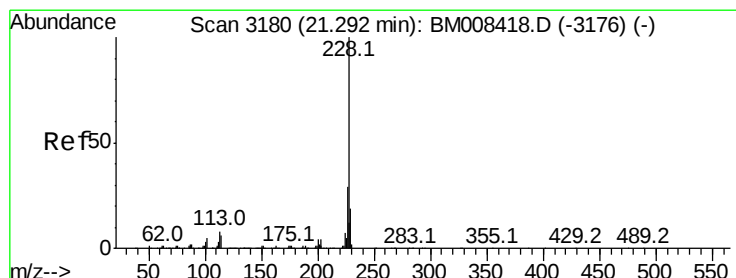
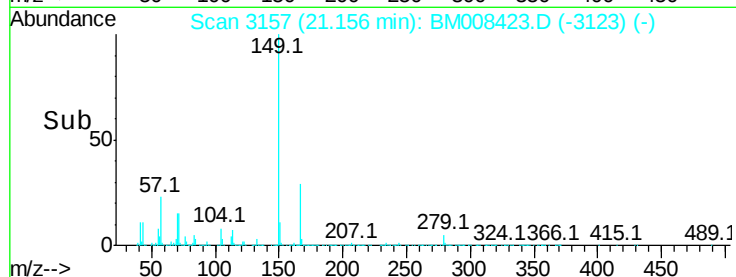
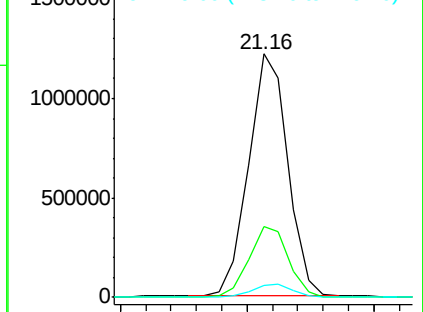
279 4.8 4.2 6.4

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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



#82

Chrysene

Concen: 9.66 ng/ul

RT: 21.29 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BM008423.D

Acq: 17 Dec 2016 22:01

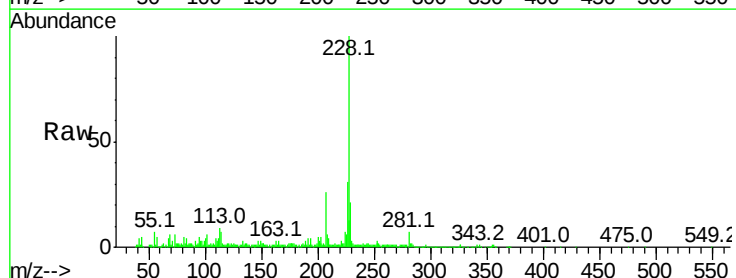
Tgt Ion:228 Resp: 338027

Ion Ratio Lower Upper

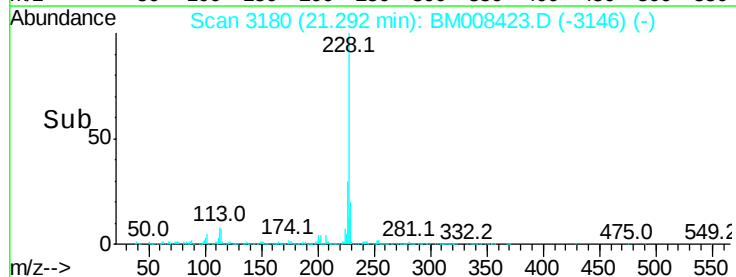
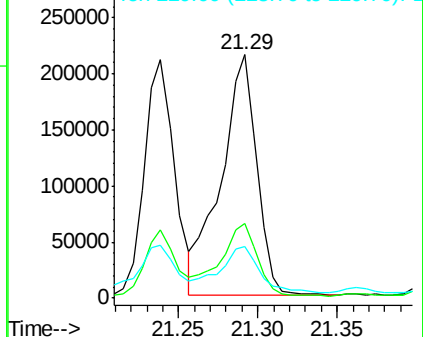
228 100

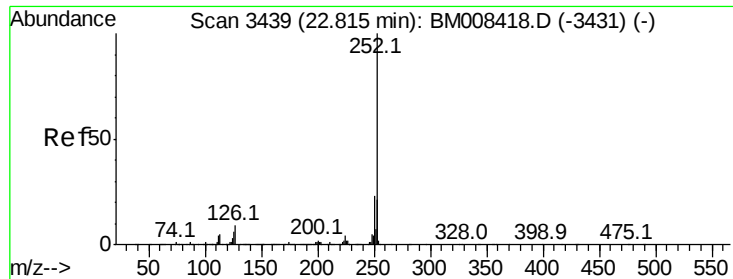
226 30.7 23.1 34.7

229 21.3 15.4 23.2



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





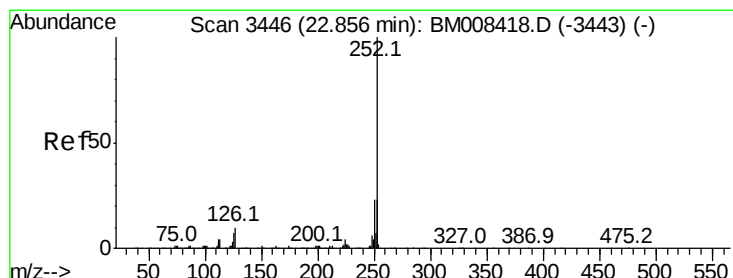
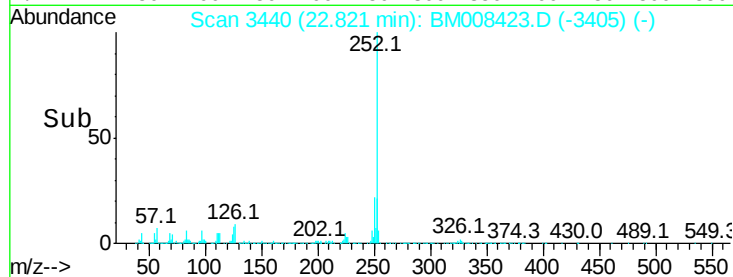
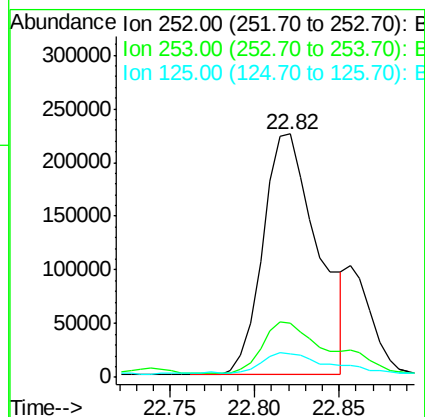
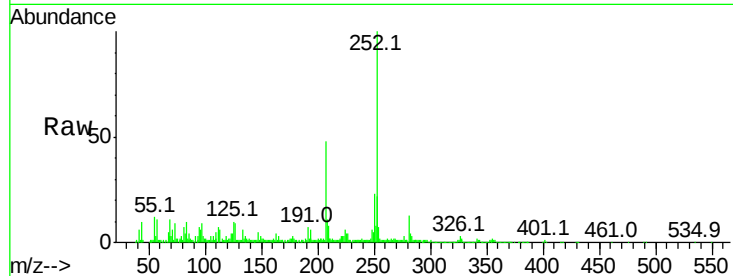
#85
Benzo(b)fluoranthene
Concen: 12.16 ng/ul
RT: 22.82 min Scan# 3440
Delta R.T. 0.01 min
Lab File: BM008423.D
Acq: 17 Dec 2016 22:01

Instrument :
BNA_M
ClientSampleId :
DA7G4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	9.7	5.4	8.2

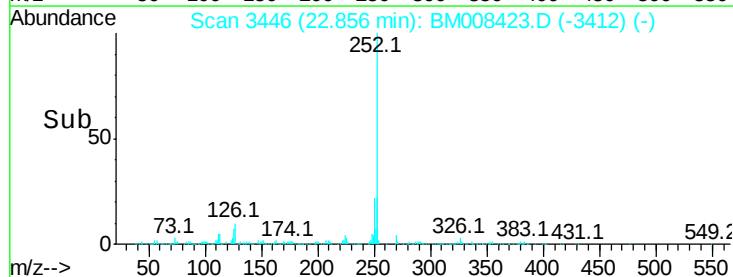
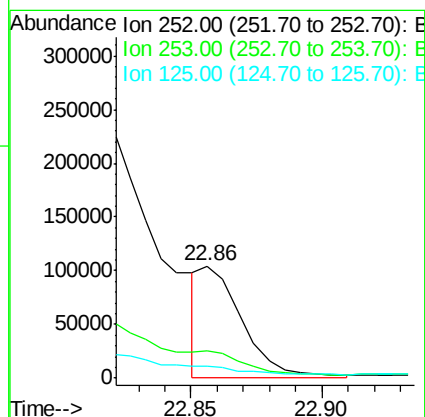
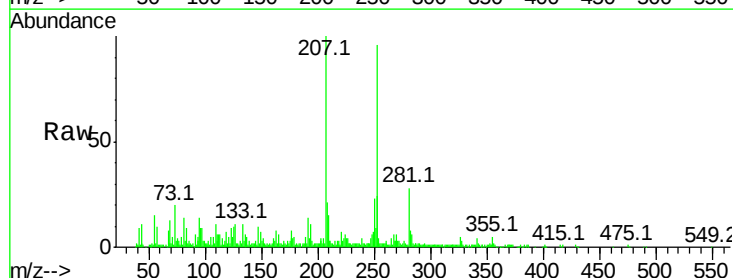
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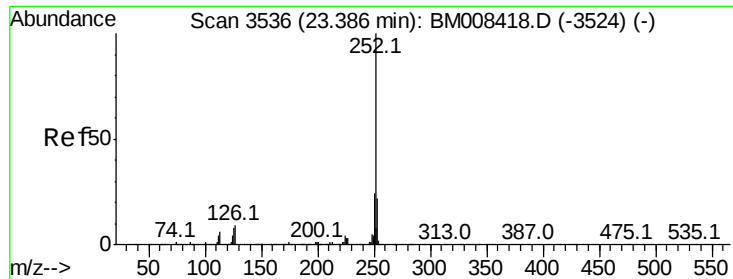
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#86
Benzo(k)fluoranthene
Concen: 2.93 ng/ul m
RT: 22.86 min Scan# 3446
Delta R.T. -0.00 min
Lab File: BM008423.D
Acq: 17 Dec 2016 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	10.4	5.8	8.6





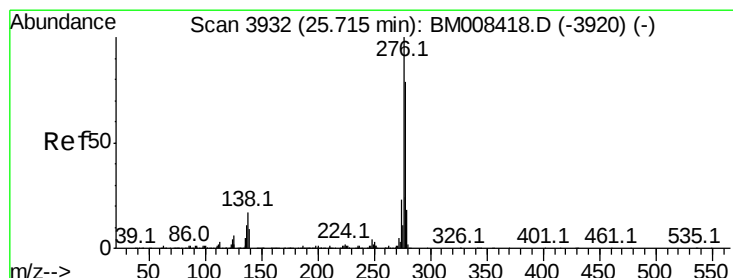
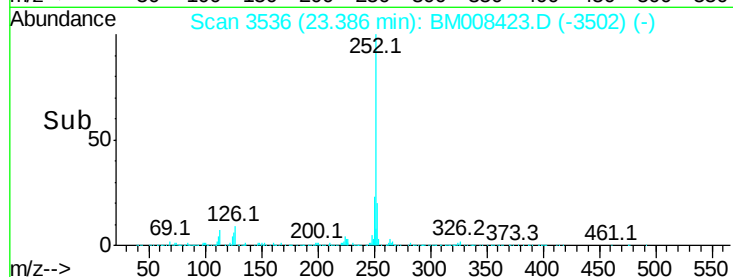
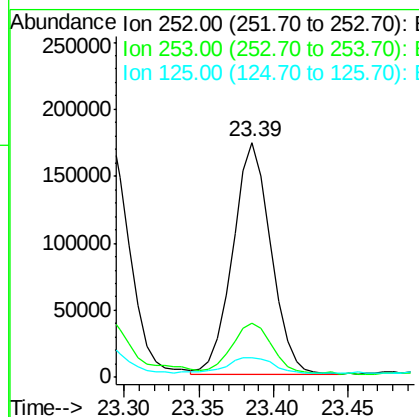
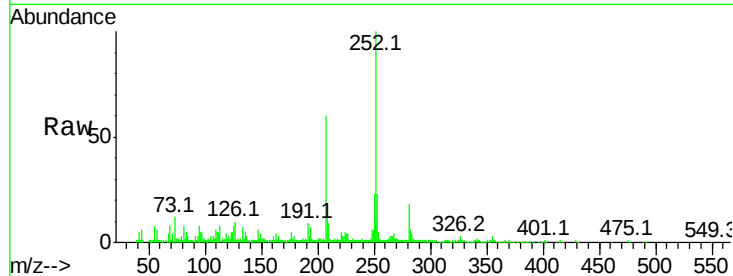
#88
Benzo(a)pyrene
Concen: 7.65 ng/ul
RT: 23.39 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BM008423.D
Acq: 17 Dec 2016 22:01

Instrument :
BNA_M
ClientSampleId :
DA7G4

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.2	17.4	26.2
125	8.2	6.6	9.8

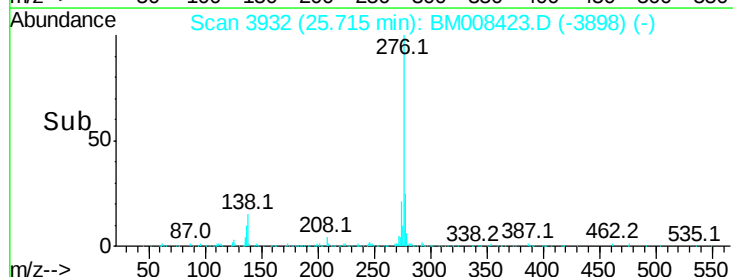
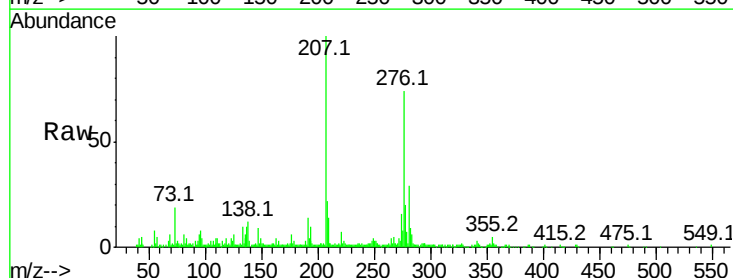
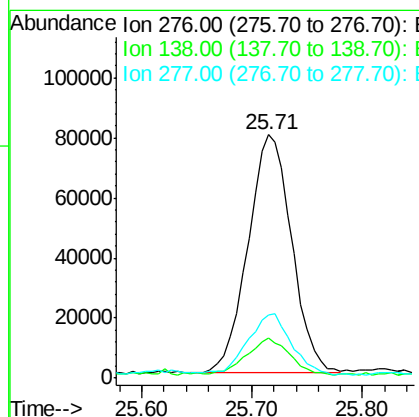
Manual Integrations
APPROVED

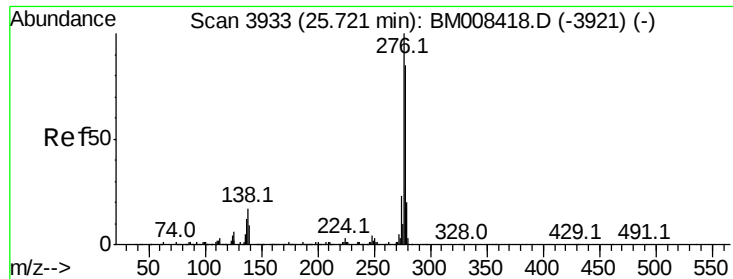
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#89
Indeno(1,2,3-cd)pyrene
Concen: 4.53 ng/ul
RT: 25.71 min Scan# 3932
Delta R.T. -0.00 min
Lab File: BM008423.D
Acq: 17 Dec 2016 22:01

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	16.3	13.4	20.2
277	25.7	19.7	29.5





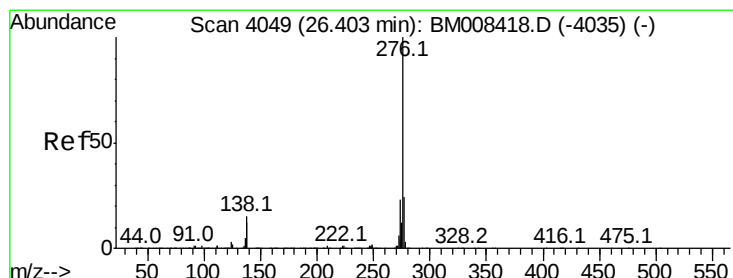
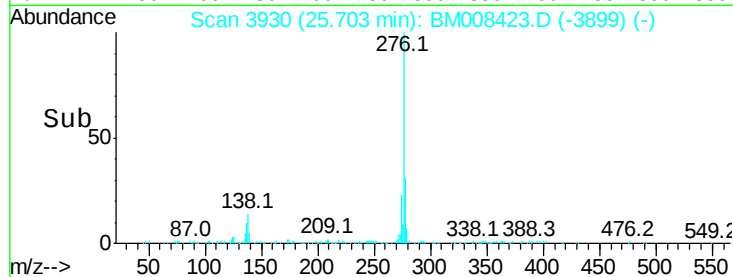
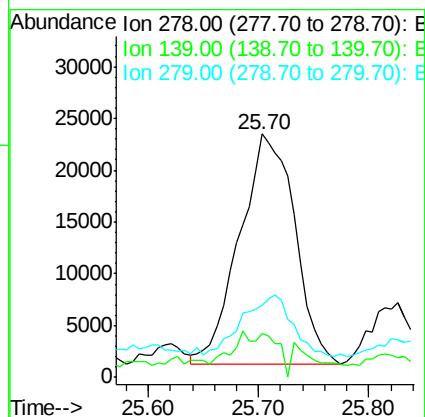
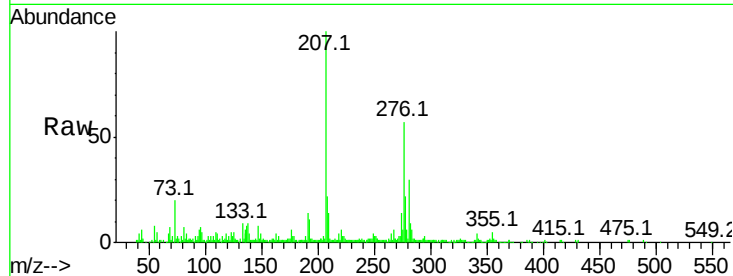
#90
Dibenzo(a,h)anthracene
Concen: 1.90 ng/ul
RT: 25.70 min Scan# 3930
Delta R.T. -0.02 min
Lab File: BM008423.D
Acq: 17 Dec 2016 22:01

Instrument :
BNA_M
ClientSampleId :
DA7G4

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	9.4	14.0#
279	29.7	18.6	28.0#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 7.03 ng/ul
RT: 26.40 min Scan# 4049
Delta R.T. -0.00 min
Lab File: BM008423.D
Acq: 17 Dec 2016 22:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.0	18.0
277	23.8	19.4	29.0

