

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
 Data File : BM008421.D
 Acq On : 17 Dec 2016 20:49
 Operator : UM/SJ
 Sample : H6067-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G1

Manual Integrations
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Quant Time: Dec 18 04:38:08 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	128134	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	494066	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	317528	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	631469	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	811488	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	858311	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	9906	3.64	ng/uL	0.00
5) Phenol-d5	6.85	99	174774	17.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	107755	18.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	142306	19.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	130362	16.93	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	71281	19.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	77241	19.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	133198	18.37	ng/ul	0.01
29) 4-Chloroaniline-d4	10.61	131	104134	12.53	ng/ul	0.02
43) Dimethylphthalate-d6	13.72	166	449397	21.29	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	543371	21.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	24488m	7.87	ng/ul	0.05
57) Fluorene-d10	15.30	176	385361	21.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	42946	11.43	ng/ul	0.00
70) Anthracene-d10	17.16	188	596499	21.68	ng/ul	0.00
76) Pyrene-d10	19.46	212	714183	22.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	766190	21.26	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	6.88	94	43416	4.21	ng/ul	98
44) Dimethylphthalate	13.77	163	122652	5.93	ng/ul	99
47) Acenaphthylene	14.02	152	122027	4.81	ng/ul	98
71) Anthracene	17.19	178	141089	4.30	ng/ul	99
74) Fluoranthene	19.12	202	90583m	2.28	ng/ul	
77) Pyrene	19.49	202	165846	4.16	ng/ul	99
80) Benzo(a)anthracene	21.24	228	259032	6.18	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.16	149	2423100	115.79	ng/ul	98
82) Chrysene	21.29	228	527426	13.08	ng/ul	96
85) Benzo(b)fluoranthene	22.81	252	1517948	32.76	ng/ul	98
86) Benzo(k)fluoranthene	22.86	252	475790m	10.73	ng/ul	
88) Benzo(a)pyrene	23.39	252	1060742	23.76	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.72	276	1135533	20.95	ng/ul	97
90) Dibenzo(a,h)anthracene	25.71	278	312858	6.87	ng/ul#	85
91) Benzo(g,h,i)perylene	26.40	276	1006940	22.21	ng/ul	99

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

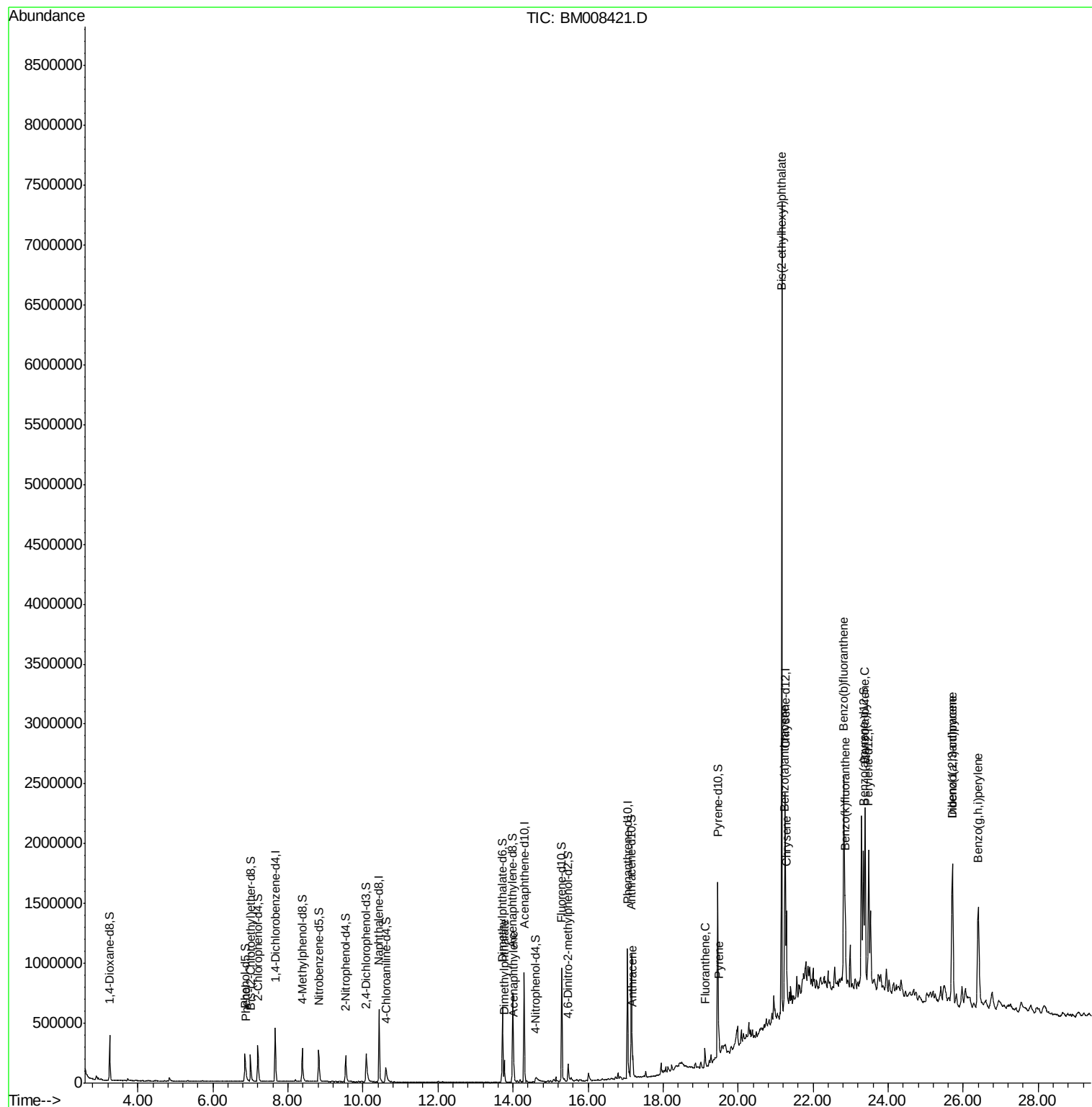
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008421.D
Acq On : 17 Dec 2016 20:49
Operator : UM/SJ
Sample : H6067-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

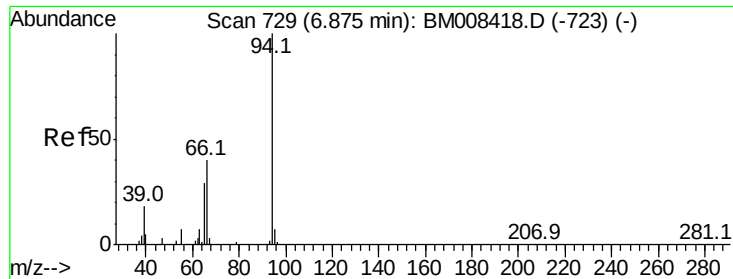
Instrument :
BNA_M
ClientSampled :
DA7G1

Quant Time: Dec 18 04:38:08 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 04:15:46 2016
Response via : Initial Calibration

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#6

Phenol

Concen: 4.21 ng/ul

RT: 6.88 min Scan# 730

Delta R.T. 0.01 min

Lab File: BM008421.D

Acq: 17 Dec 2016 20:49

Instrument :

BNA_M

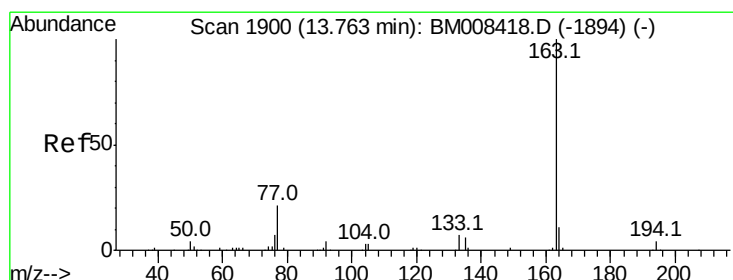
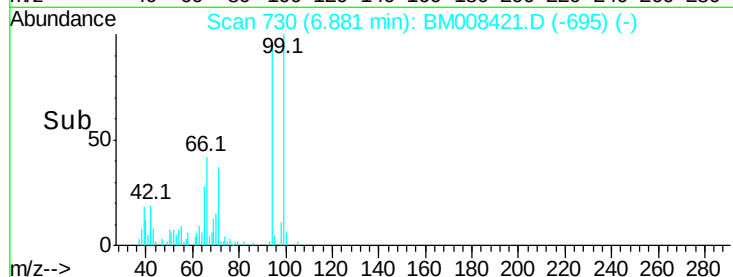
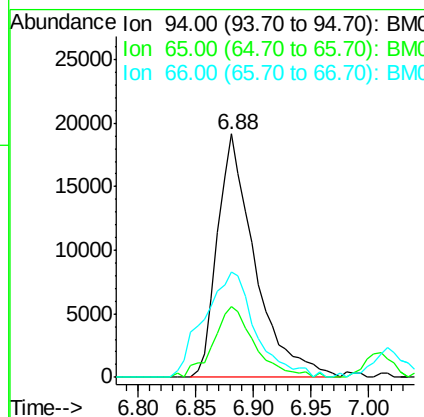
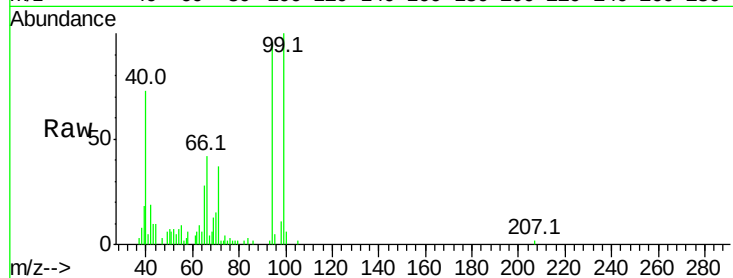
ClientSampleId :

DA7G1

Tot Ion:	94	Resp:	43416
Ion Ratio	Lower	Upper	
94	100		
65	29.3	22.6	34.0
66	43.5	35.8	53.8

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#44

Dimethylphthalate

Concen: 5.93 ng/ul

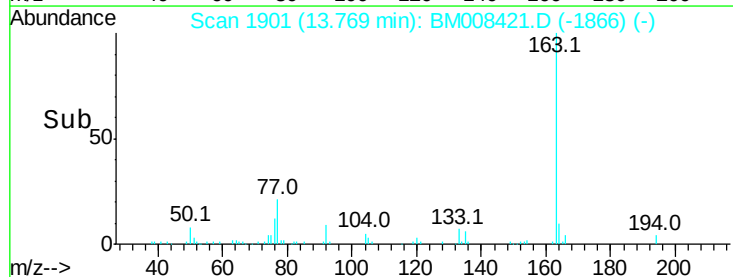
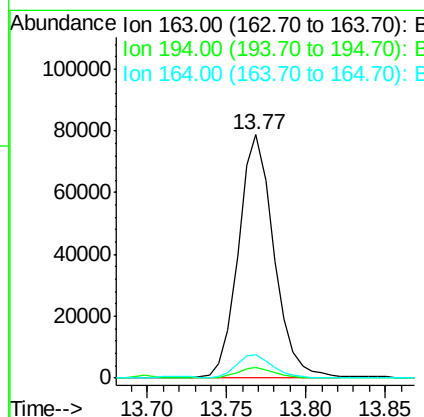
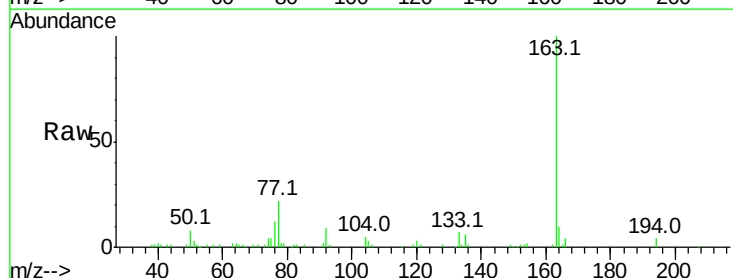
RT: 13.77 min Scan# 1901

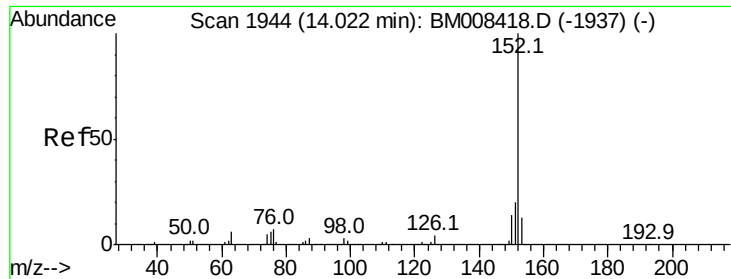
Delta R.T. 0.01 min

Lab File: BM008421.D

Acq: 17 Dec 2016 20:49

Tgt Ion:	163	Resp:	122652
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	9.5	7.8	11.8





#47

Acenaphthylene

Concen: 4.81 ng/ul

RT: 14.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BM008421.D

Acq: 17 Dec 2016 20:49

Instrument :

BNA_M

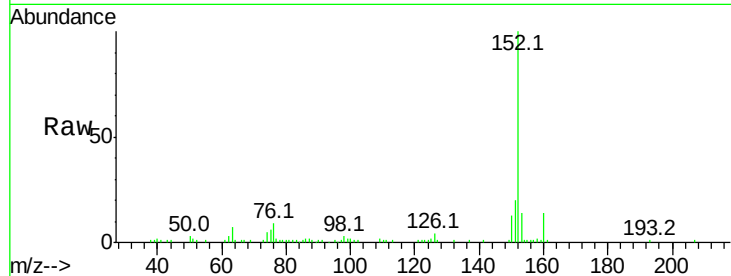
ClientSampleId :

DA7G1

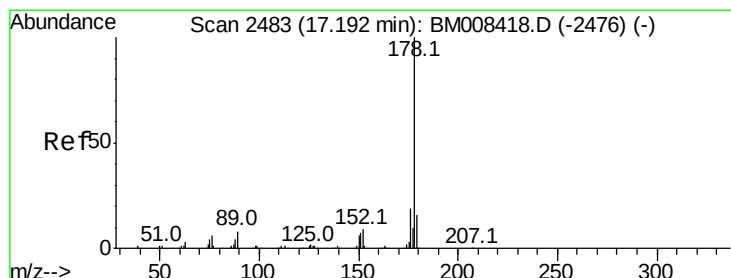
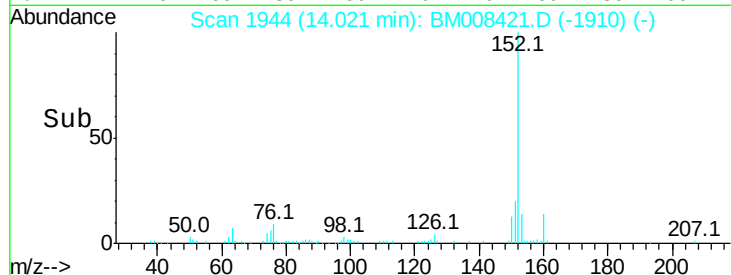
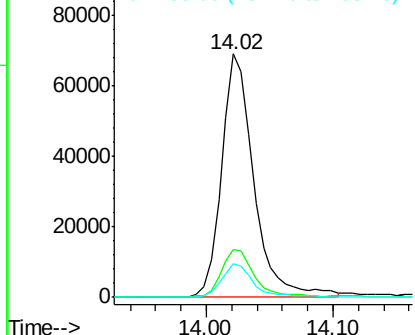
Tot Ion:	152	Resp:	122027
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.3	22.9
153	13.6	9.9	14.9

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#71

Anthracene

Concen: 4.30 ng/ul

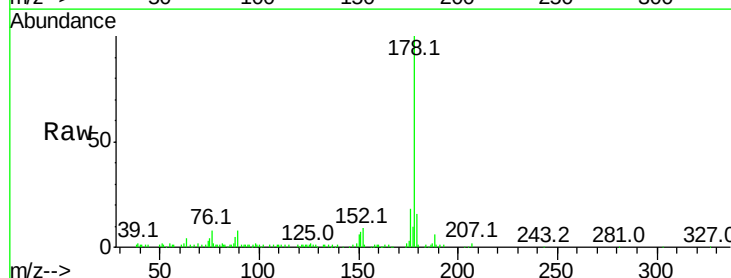
RT: 17.19 min Scan# 2483

Delta R.T. -0.00 min

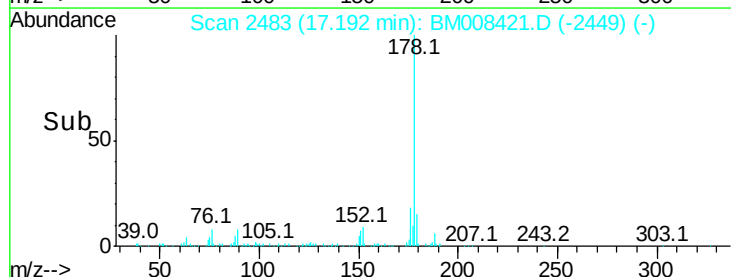
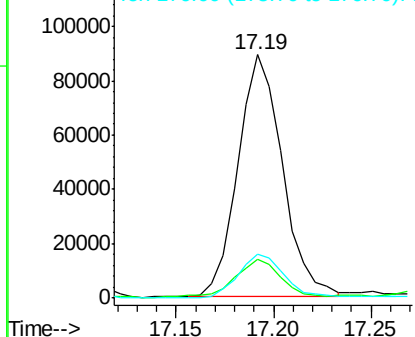
Lab File: BM008421.D

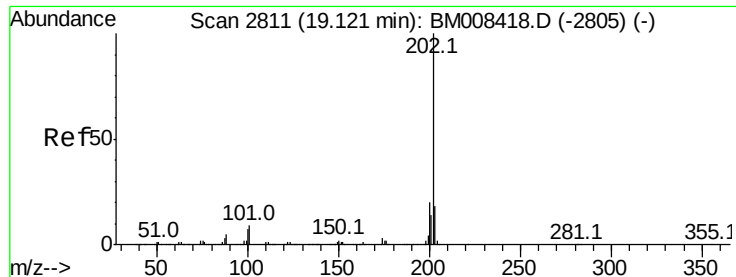
Acq: 17 Dec 2016 20:49

Tgt Ion:	178	Resp:	141089
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.1	18.1
176	18.0	14.3	21.5



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





#74

Fluoranthene

Concen: 2.28 ng/ul m

RT: 19.12 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BM008421.D

Acq: 17 Dec 2016 20:49

Instrument :

BNA_M

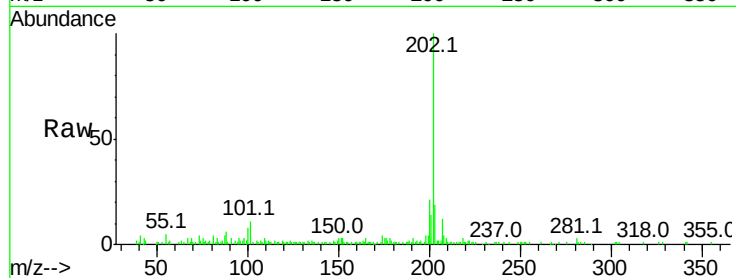
ClientSampleId :

DA7G1

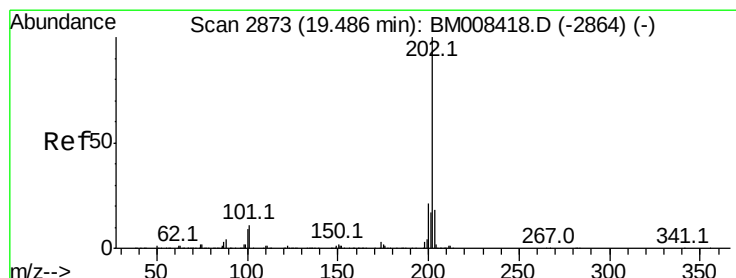
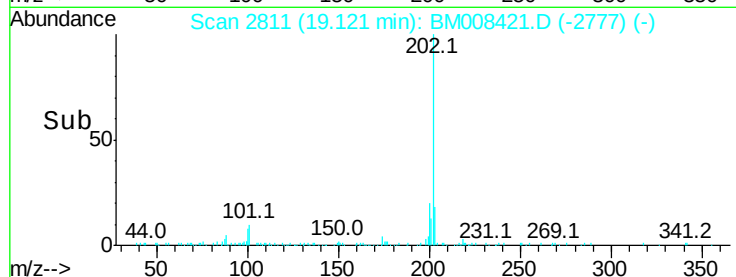
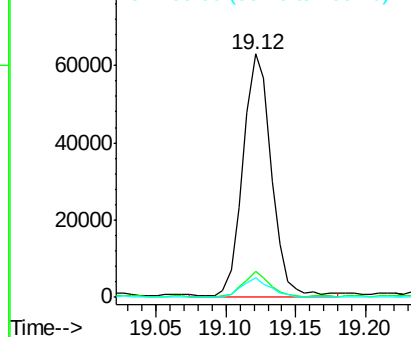
Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.7	6.6	10.0#	
100	8.1	5.3	7.9#	

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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: 4.16 ng/ul

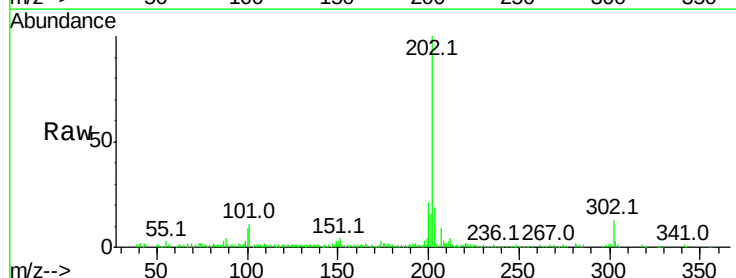
RT: 19.49 min Scan# 2873

Delta R.T. -0.00 min

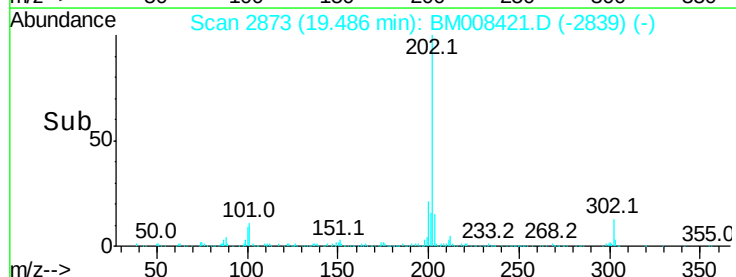
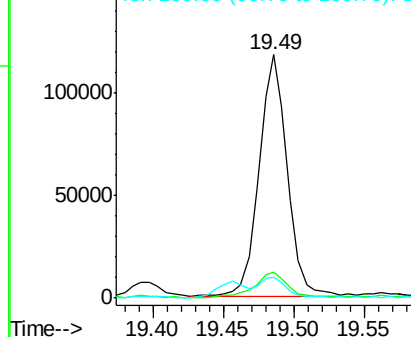
Lab File: BM008421.D

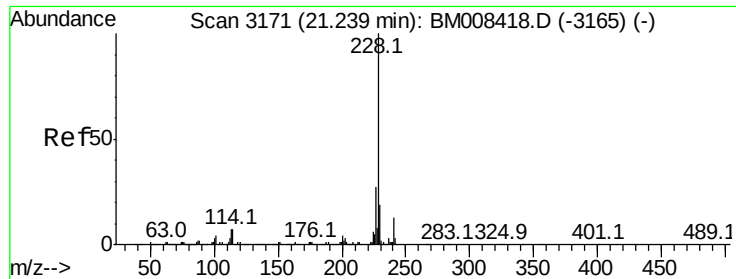
Acq: 17 Dec 2016 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.9	8.2	12.4	
100	8.6	7.0	10.6	



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





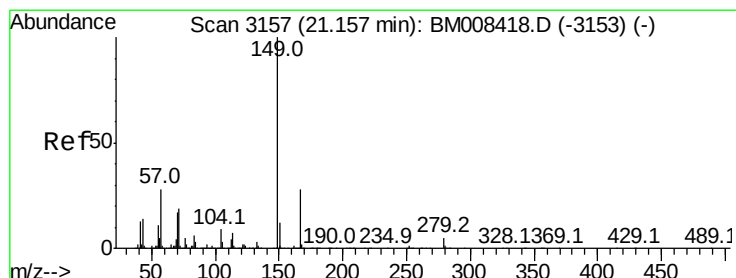
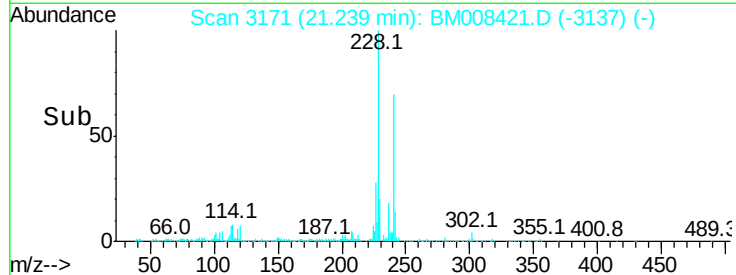
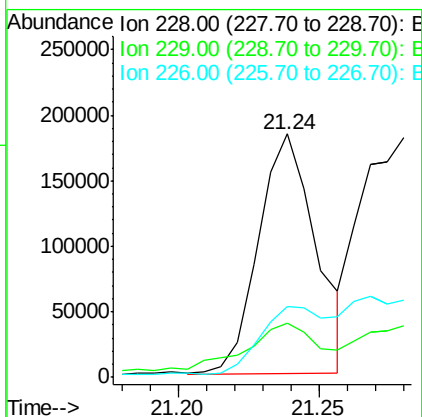
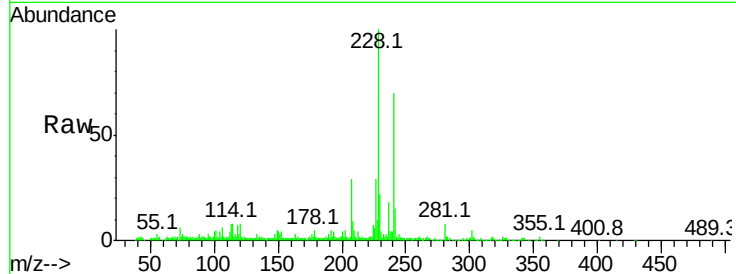
#80
Benzo(a)anthracene
Concen: 6.18 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Instrument :
BNA_M
ClientSampled :
DA7G1

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.4	23.2
226	29.1	21.2	31.8

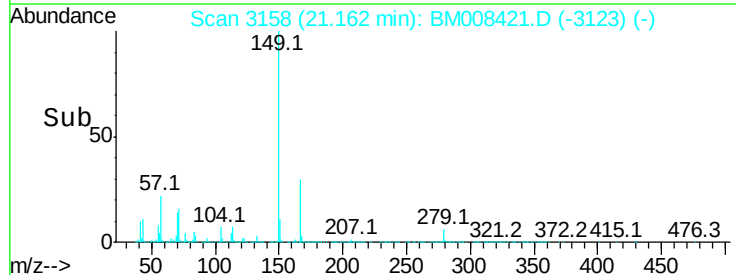
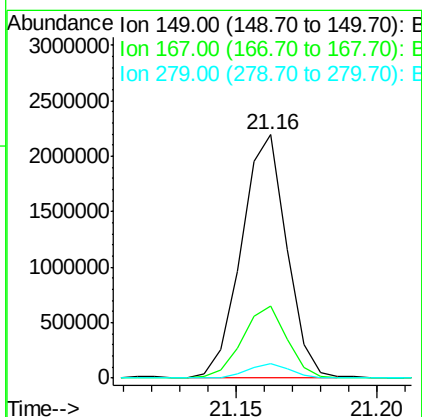
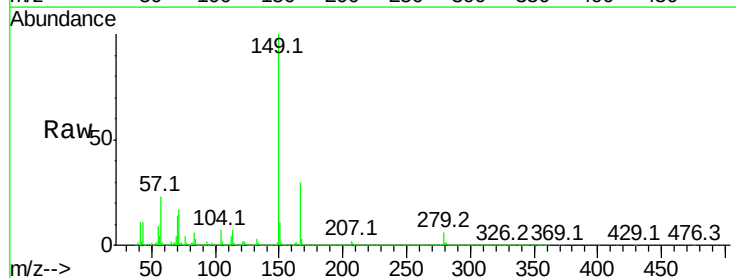
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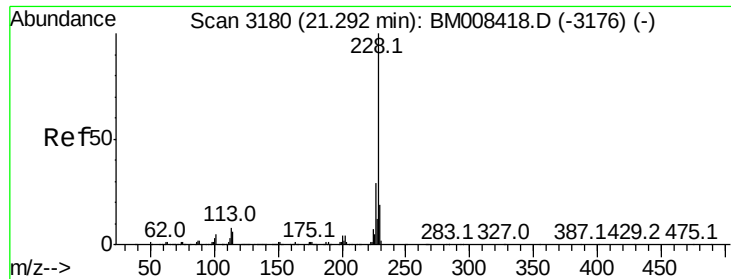
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#81
Bis(2-ethylhexyl)phthalate
Concen: 115.79 ng/ul
RT: 21.16 min Scan# 3158
Delta R.T. 0.01 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.6	34.0
279	5.8	4.2	6.4





#82

Chrysene

Concen: 13.08 ng/ul

RT: 21.29 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BM008421.D

Acq: 17 Dec 2016 20:49

Instrument :

BNA_M

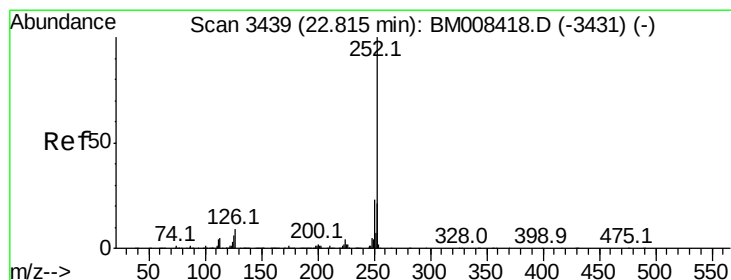
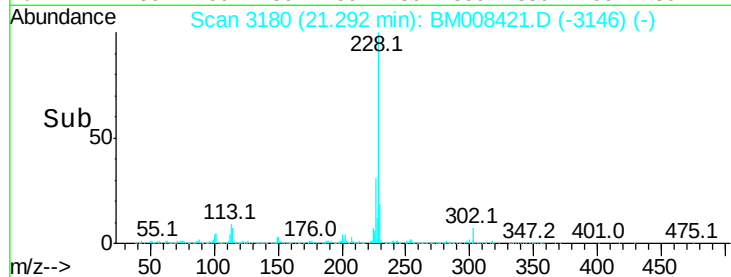
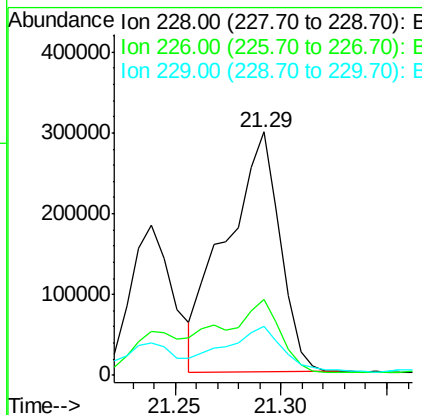
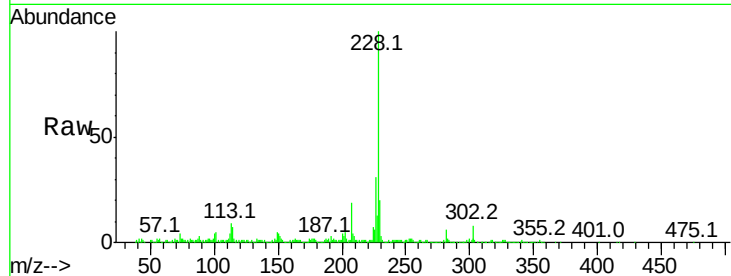
ClientSampleId :

DA7G1

Tot Ion:	228	Resp:	527426
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.1	34.7
229	20.2	15.4	23.2

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#85

Benzo(b)fluoranthene

Concen: 32.76 ng/ul

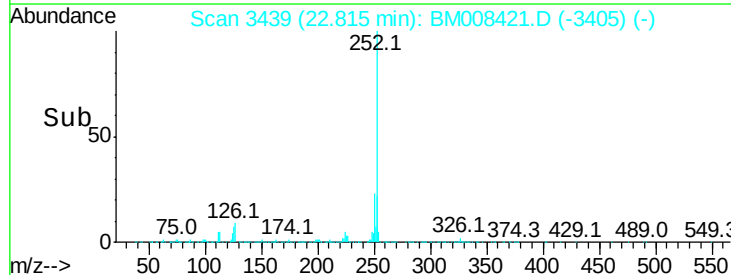
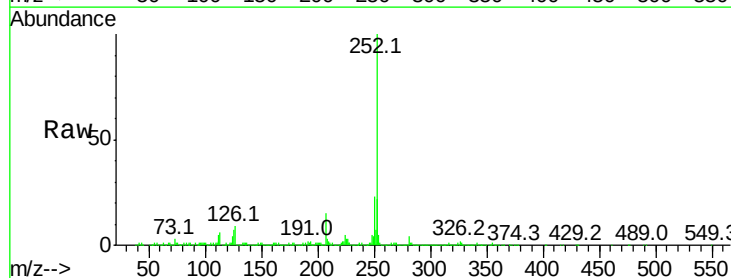
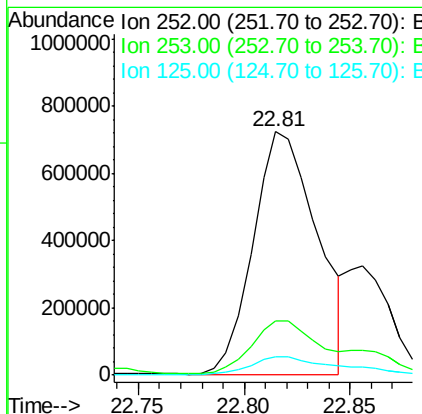
RT: 22.81 min Scan# 3439

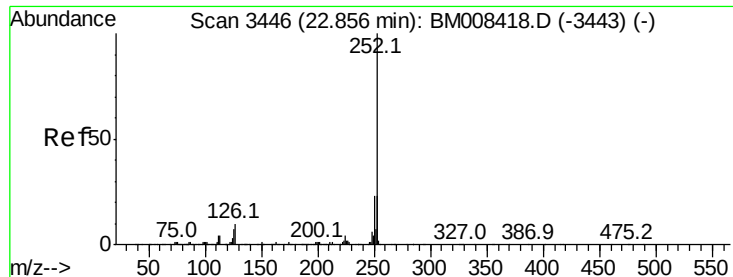
Delta R.T. -0.00 min

Lab File: BM008421.D

Acq: 17 Dec 2016 20:49

Tgt Ion:	252	Resp:	1517948
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.1	25.7
125	7.5	5.4	8.2





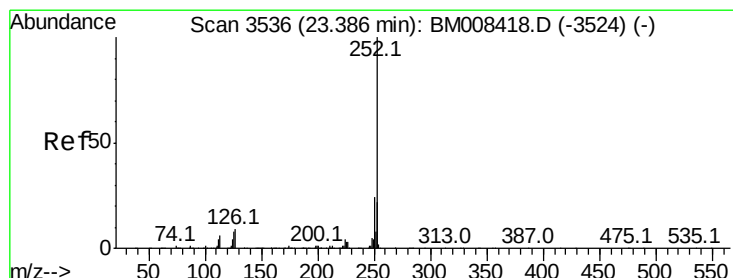
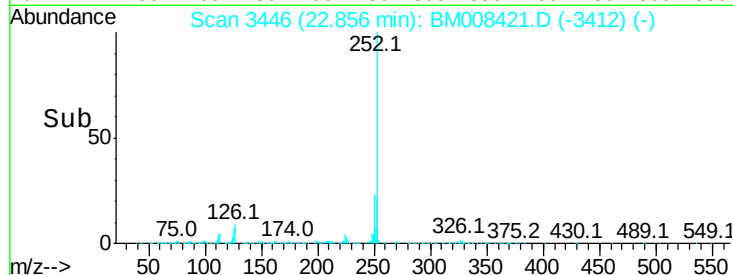
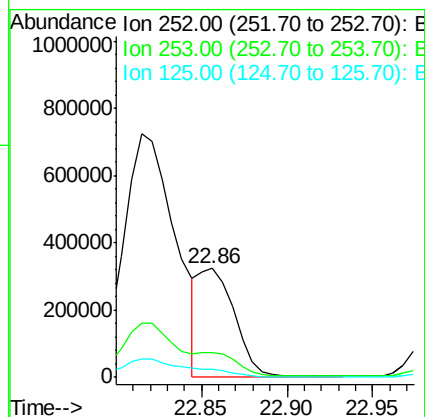
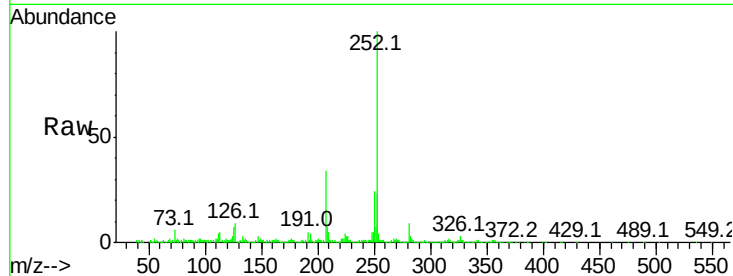
#86
Benzo(k)fluoranthene
Concen: 10.73 ng/ul m
RT: 22.86 min Scan# 3446
Delta R.T. -0.00 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Instrument :
BNA_M
ClientSampleId :
DA7G1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	7.2	5.8	8.6

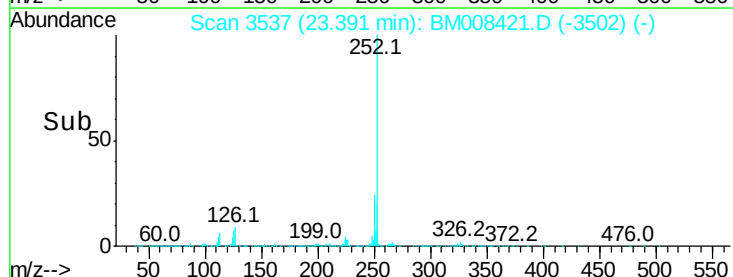
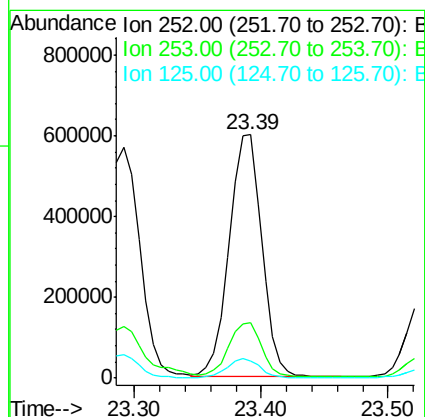
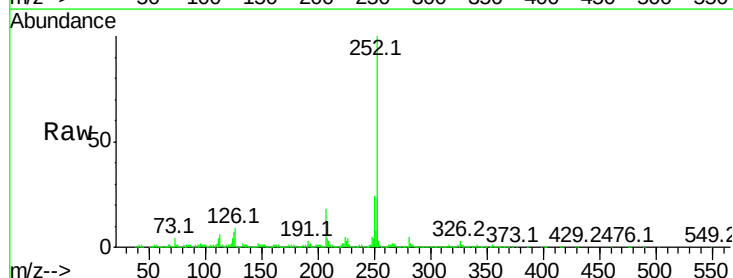
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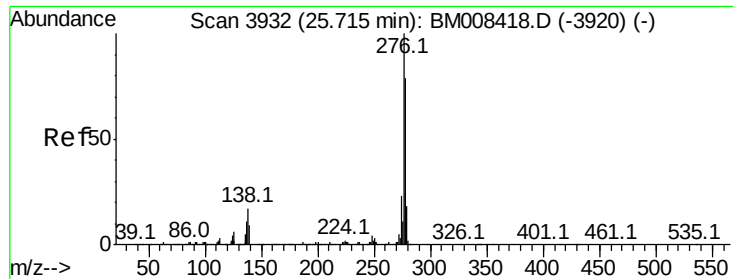
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#88
Benzo(a)pyrene
Concen: 23.76 ng/ul
RT: 23.39 min Scan# 3537
Delta R.T. 0.01 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	7.2	6.6	9.8





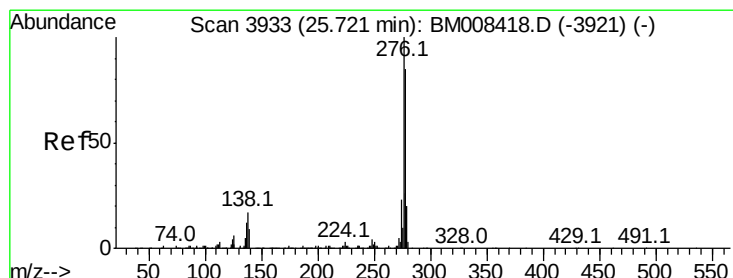
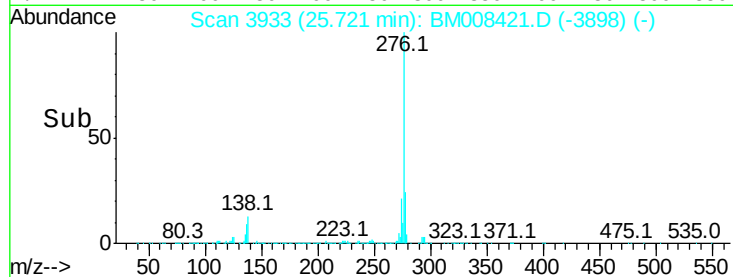
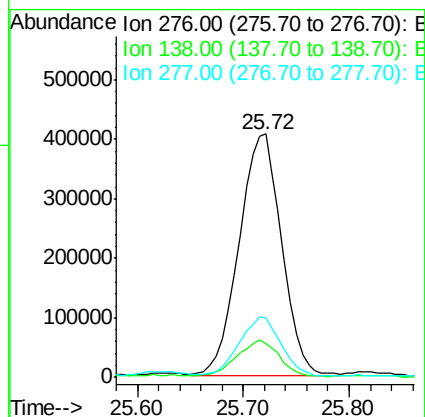
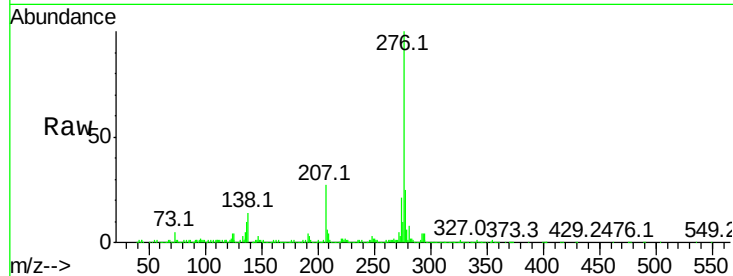
#89
Indeno(1,2,3-cd)pyrene
Concen: 20.95 ng/ul
RT: 25.72 min Scan# 3933
Delta R.T. 0.01 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Instrument :
BNA_M
ClientSampleId :
DA7G1

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.6	13.4	20.2
277	24.5	19.7	29.5

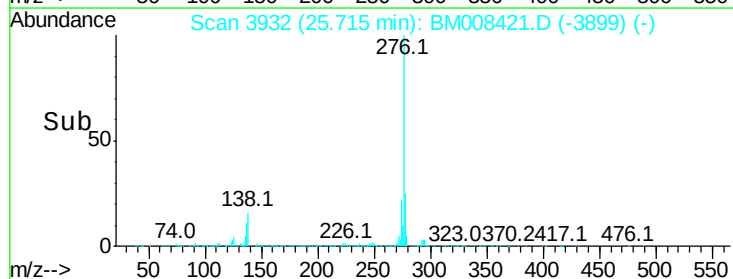
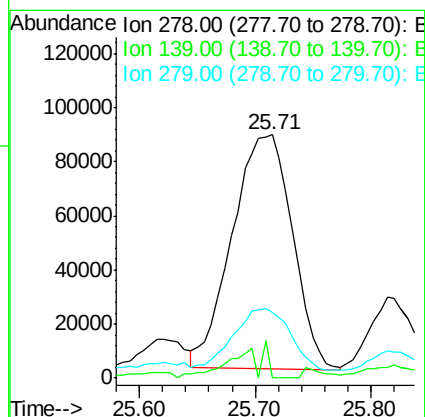
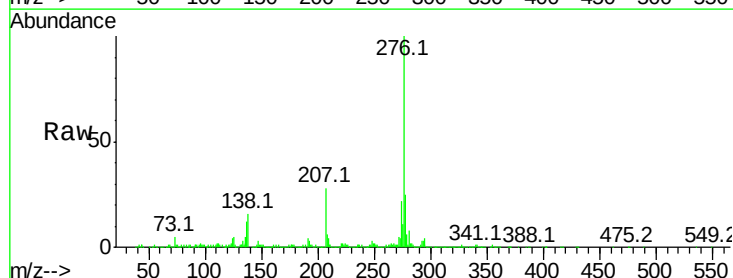
Manual Integrations
APPROVED

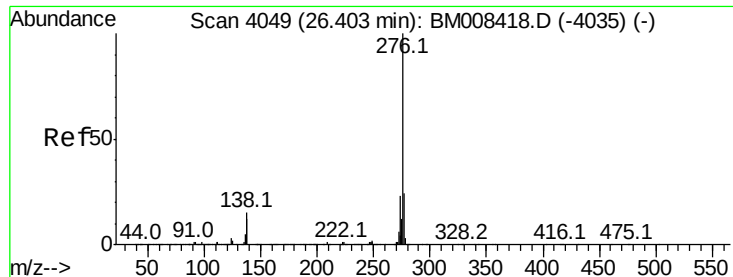
umangi
12/20/2016 10:51:51 AM



#90
Dibenzo(a,h)anthracene
Concen: 6.87 ng/ul
RT: 25.71 min Scan# 3932
Delta R.T. -0.01 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.4	14.0#
279	27.1	18.6	28.0





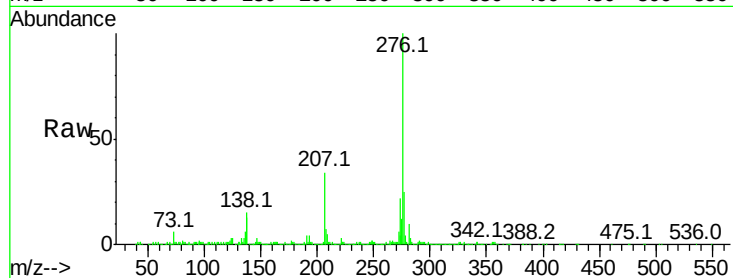
#91
 Benzo(a,h,i)perylene
 Concen: 22.21 ng/ul
 RT: 26.40 min Scan# 4049
 Delta R.T. -0.00 min
 Lab File: BM008421.D
 Acq: 17 Dec 2016 20:49

Instrument :
 BNA_M
 ClientSampleId :
 DA7G1

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.4	12.0	18.0
277	25.0	19.4	29.0

Manual Integrations
 APPROVED

umangi
 12/20/2016 10:51:51 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

