

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
 Data File : BM008420.D
 Acq On : 17 Dec 2016 20:13
 Operator : UM/SJ
 Sample : H6067-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G0

Manual Integrations
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 12/20/2016 10:51:46 AM

Quant Time: Dec 18 04:34:06 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	132515	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	514872	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	319945	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	612142	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	763389	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	832638	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	14866	5.28	ng/uL	0.00
5) Phenol-d5	6.85	99	243303	23.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	167084	28.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	213841	27.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	180151	22.62	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	106899	28.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	115841	28.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	185493	24.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	125928	14.54	ng/ul	0.01
43) Dimethylphthalate-d6	13.72	166	631202	29.68	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	762415	30.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	24688m	7.88	ng/ul	0.05
57) Fluorene-d10	15.30	176	532782	28.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	55119	15.13	ng/ul	0.00
70) Anthracene-d10	17.16	188	825591	30.96	ng/ul	0.00
76) Pyrene-d10	19.46	212	977782	33.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1074142	30.72	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	6.88	94	59423	5.57	ng/ul	98
44) Dimethylphthalate	13.77	163	161093	7.73	ng/ul	99
47) Acenaphthylene	14.02	152	184482	7.21	ng/ul	98
69) Phenanthrene	17.10	178	46306	1.48	ng/ul	96
71) Anthracene	17.19	178	226933	7.13	ng/ul	98
73) Di-n-butylphthalate	18.02	149	74415	2.37	ng/ul	99
74) Fluoranthene	19.12	202	130520	3.39	ng/ul	98
77) Pyrene	19.49	202	255679	6.82	ng/ul	99
80) Benzo(a)anthracene	21.24	228	376985	9.55	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.16	149	5514996	280.14	ng/ul	97
82) Chrysene	21.29	228	775562	20.44	ng/ul	97
85) Benzo(b)fluoranthene	22.82	252	2228460	49.58	ng/ul	99
86) Benzo(k)fluoranthene	22.86	252	722054m	16.79	ng/ul	
88) Benzo(a)pyrene	23.39	252	1596756	36.87	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.72	276	1678928	31.93	ng/ul	98
90) Dibenzo(a,h)anthracene	25.71	278	460655	10.43	ng/ul#	83
91) Benzo(g,h,i)perylene	26.40	276	1509330	34.32	ng/ul	100

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

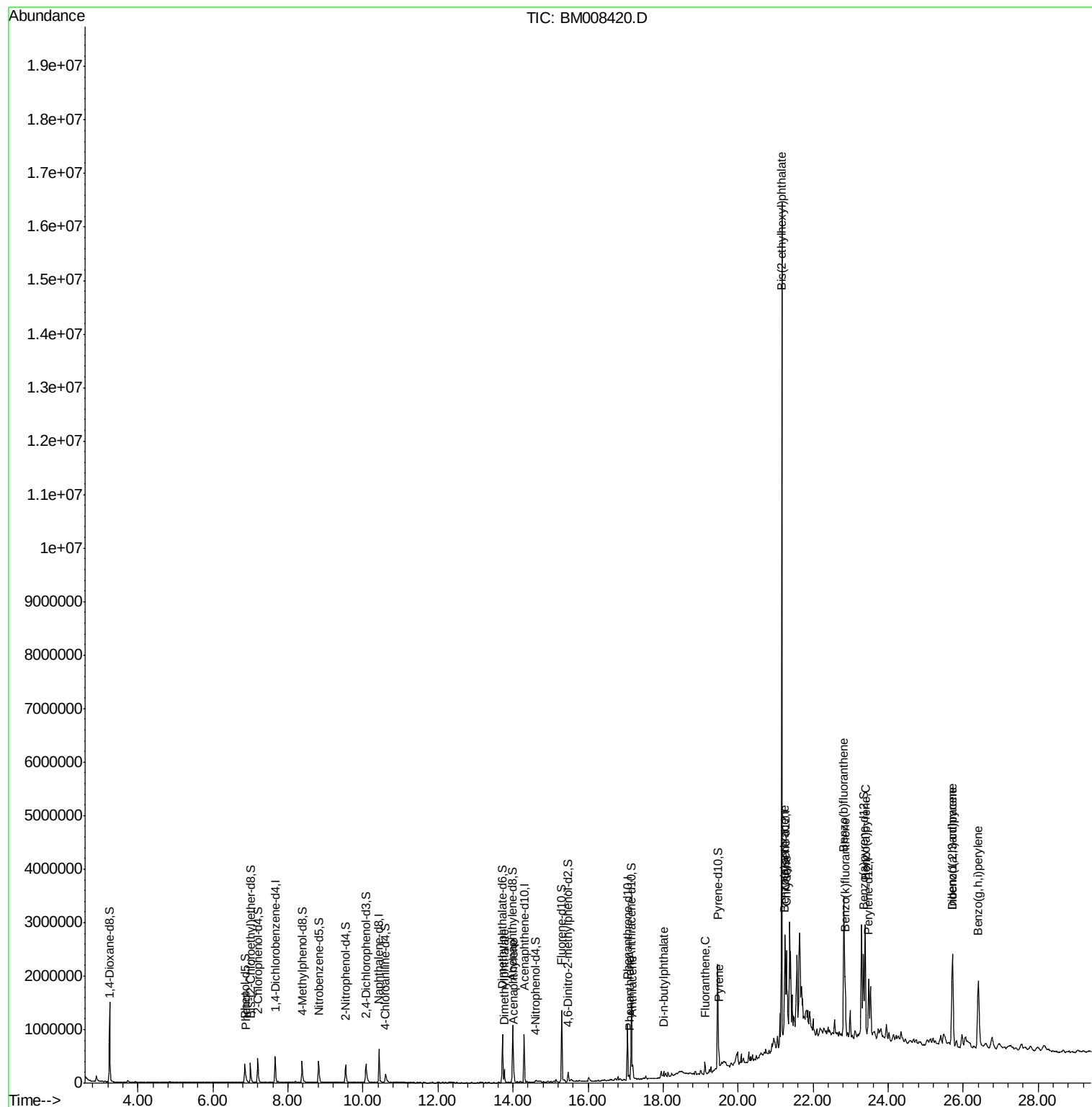
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008420.D
Acq On : 17 Dec 2016 20:13
Operator : UM/SJ
Sample : H6067-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

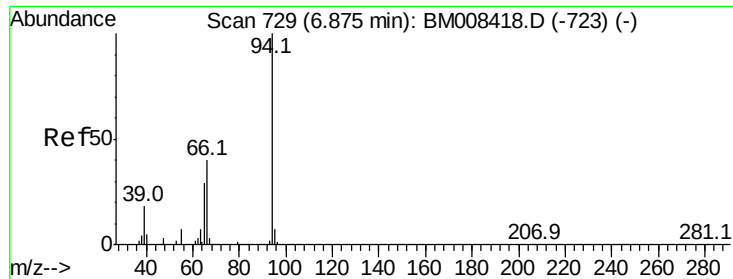
Instrument :
BNA_M
ClientSampleId :
DA7G0

Quant Time: Dec 18 04:34:06 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121816.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: 5.57 ng/ul

RT: 6.88 min Scan# 730

Delta R.T. 0.01 min

Lab File: BM008420.D

Acq: 17 Dec 2016 20:13

Instrument :

BNA_M

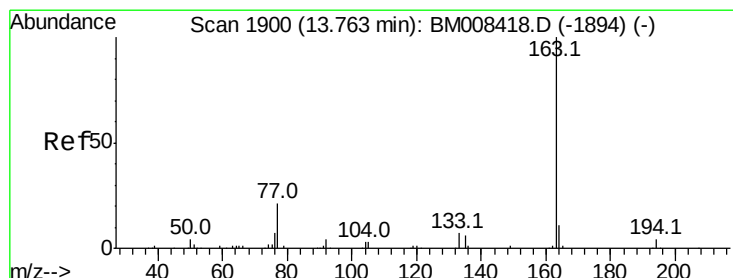
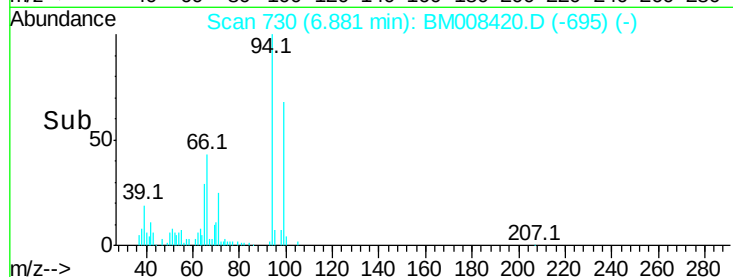
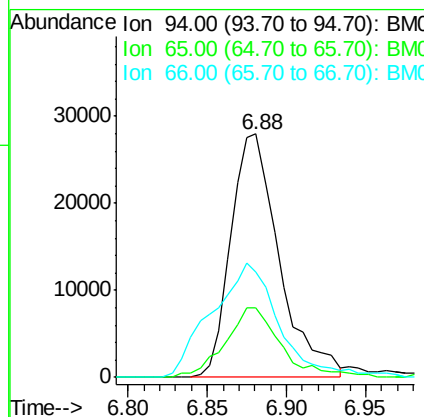
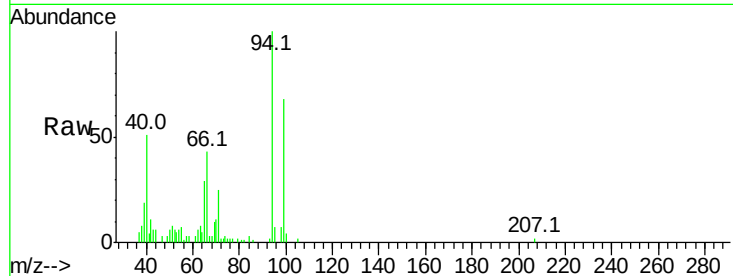
ClientSampleId :

DA7G0

Tot Ion:	94	Resp:	59423
Ion Ratio	Lower	Upper	
94	100		
65	28.7	22.6	34.0
66	43.3	35.8	53.8

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#44

Dimethylphthalate

Concen: 7.73 ng/ul

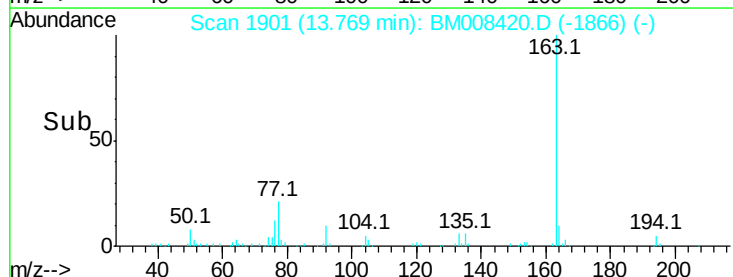
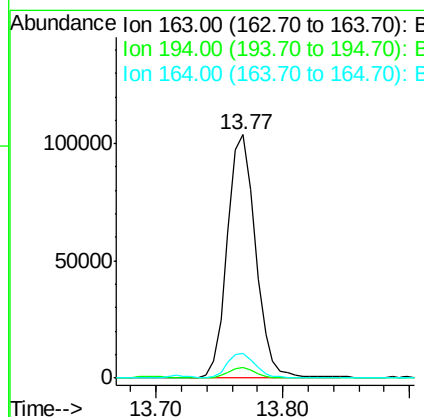
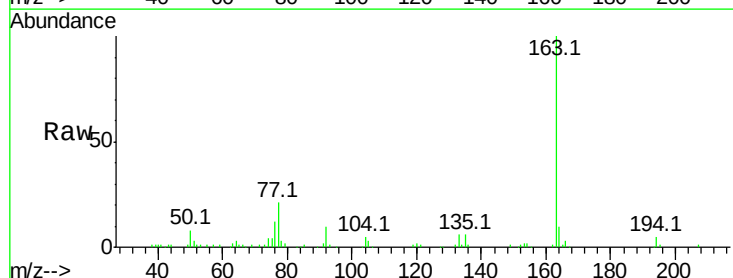
RT: 13.77 min Scan# 1901

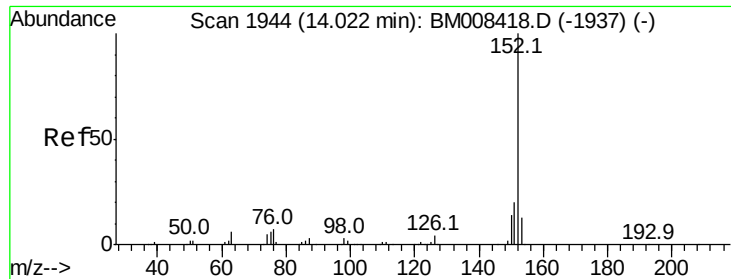
Delta R.T. 0.01 min

Lab File: BM008420.D

Acq: 17 Dec 2016 20:13

Tgt Ion:	163	Resp:	161093
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.5	5.3
164	10.1	7.8	11.8





#47

Acenaphthylene

Concen: 7.21 ng/ul

RT: 14.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BM008420.D

Acq: 17 Dec 2016 20:13

Instrument :

BNA_M

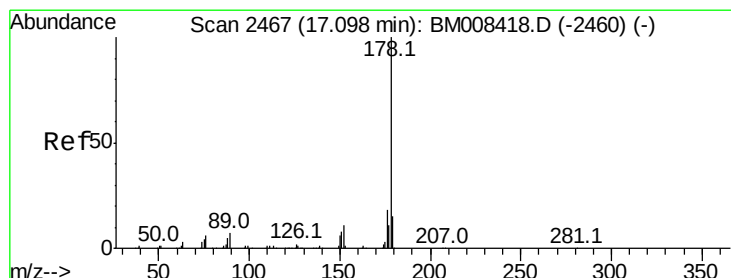
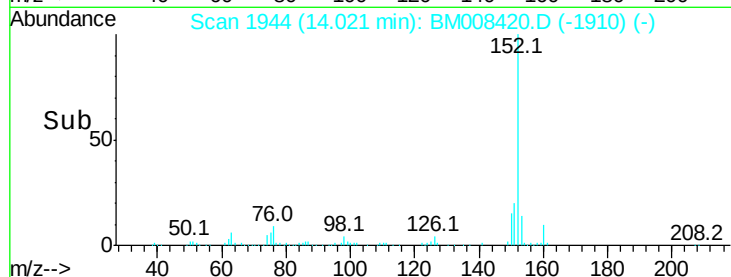
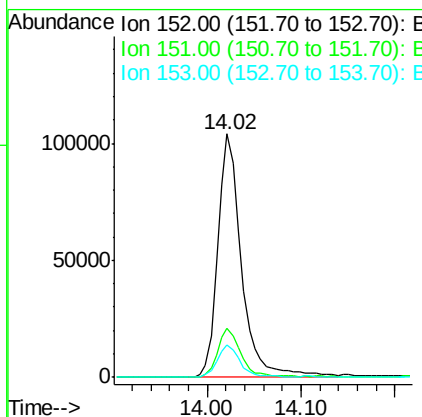
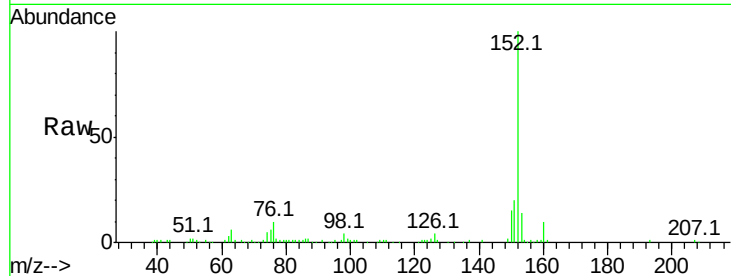
ClientSampleId :

DA7G0

Tot Ion:	152	Resp:	184482
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.3	22.9
153	13.5	9.9	14.9

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#69

Phenanthrene

Concen: 1.48 ng/ul

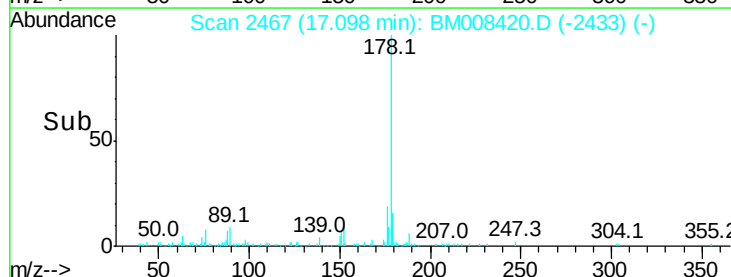
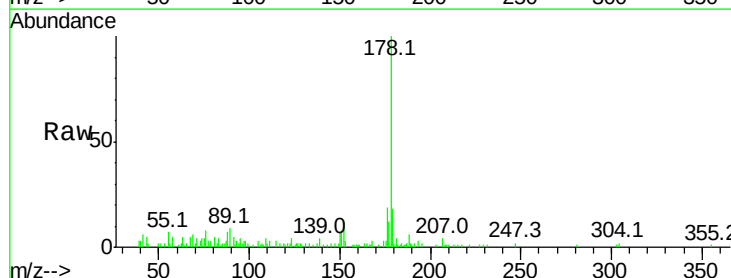
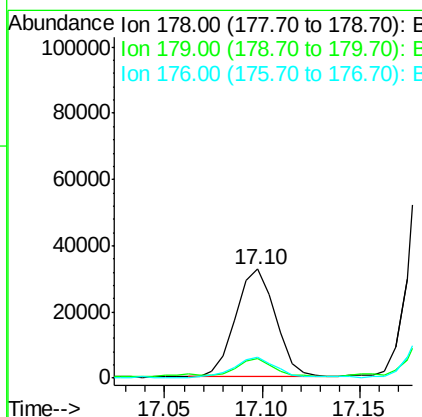
RT: 17.10 min Scan# 2467

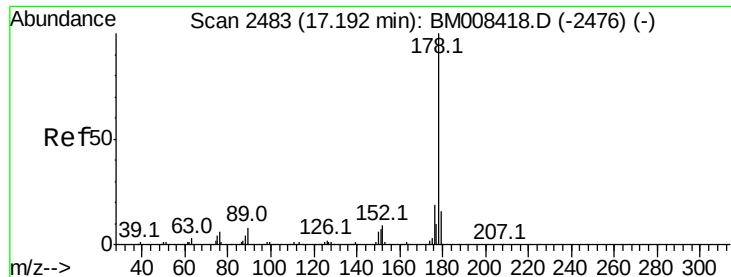
Delta R.T. -0.00 min

Lab File: BM008420.D

Acq: 17 Dec 2016 20:13

Tgt Ion:	178	Resp:	46306
Ion Ratio	Lower	Upper	
178	100		
179	17.8	12.0	18.0
176	19.0	14.6	21.8





#71

Anthracene

Concen: 7.13 ng/ul

RT: 17.19 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BM008420.D

Acq: 17 Dec 2016 20:13

Instrument :

BNA_M

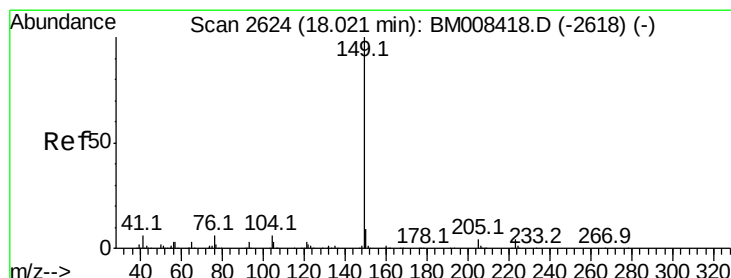
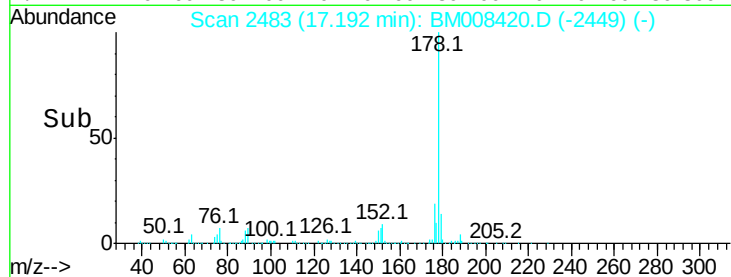
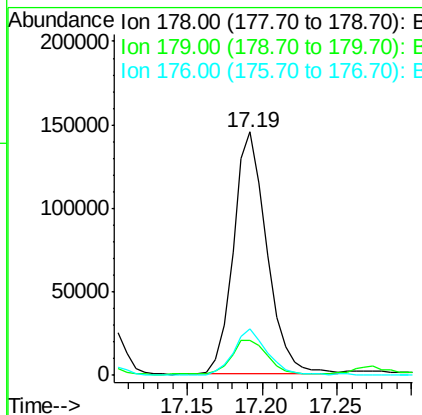
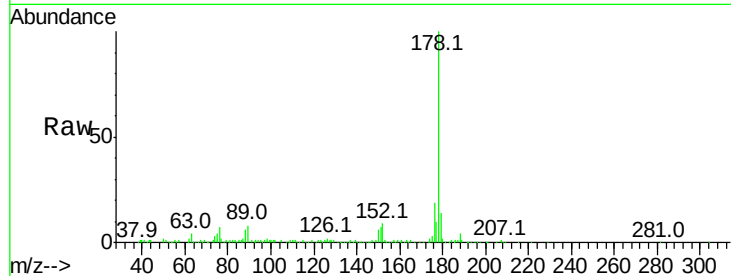
ClientSampleId :

DA7G0

Tot Ion:	178	Resp:	226933
Ion Ratio	Lower	Upper	
178	100		
179	14.5	12.1	18.1
176	19.0	14.3	21.5

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#73

Di-n-butylphthalate

Concen: 2.37 ng/ul

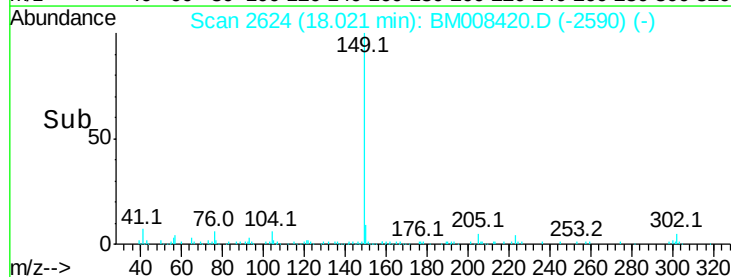
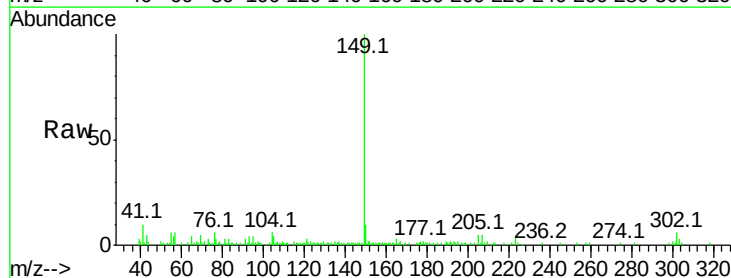
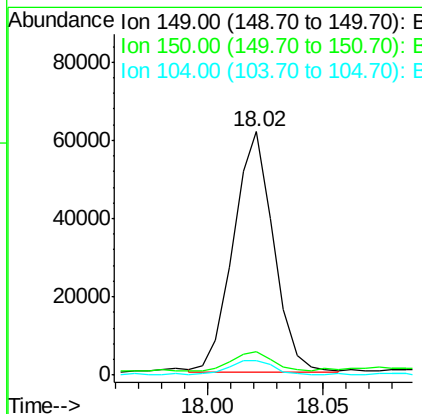
RT: 18.02 min Scan# 2624

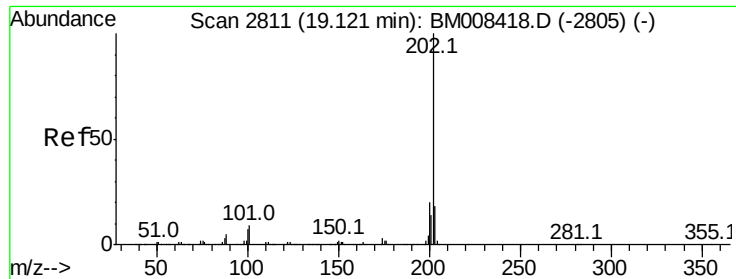
Delta R.T. -0.00 min

Lab File: BM008420.D

Acq: 17 Dec 2016 20:13

Tgt Ion:	149	Resp:	74415
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.3	10.9
104	5.8	4.7	7.1





#74

Fluoranthene

Concen: 3.39 ng/ul

RT: 19.12 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BM008420.D

Acq: 17 Dec 2016 20:13

Instrument :

BNA_M

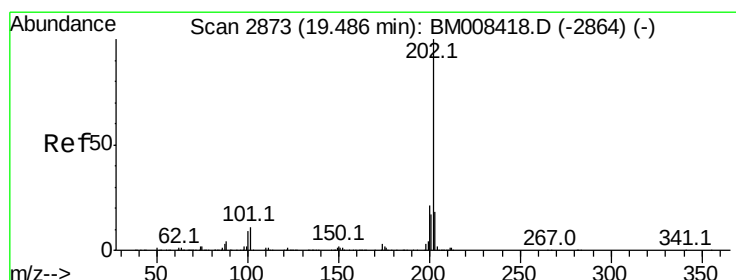
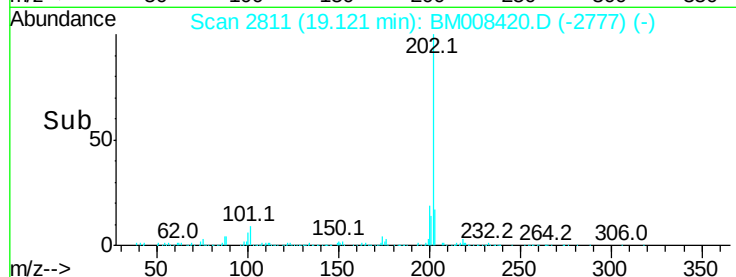
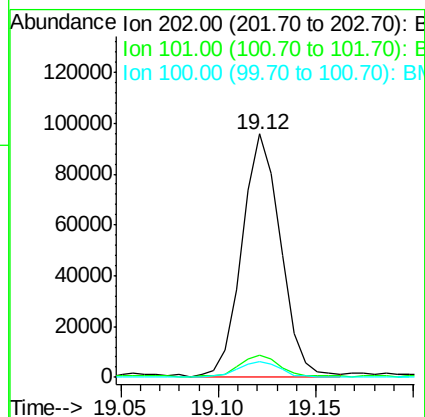
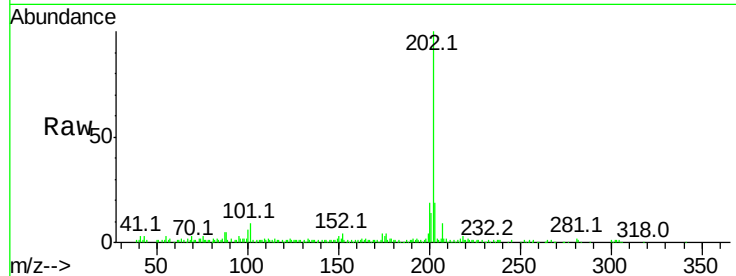
ClientSampleId :

DA7G0

Tot Ion:	202	Resp:	130520
Ion Ratio	Lower	Upper	
202	100		
101	9.3	6.6	10.0
100	6.3	5.3	7.9

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#77

Pyrene

Concen: 6.82 ng/ul

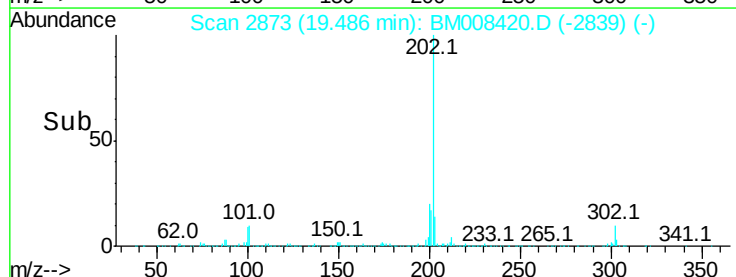
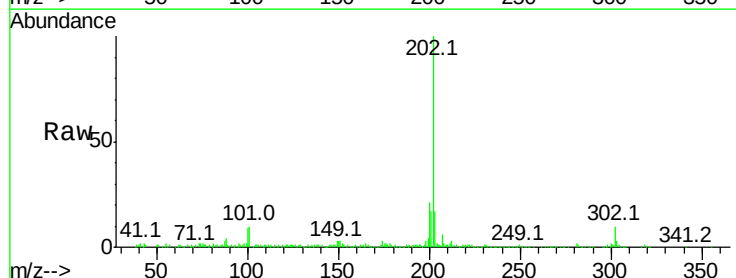
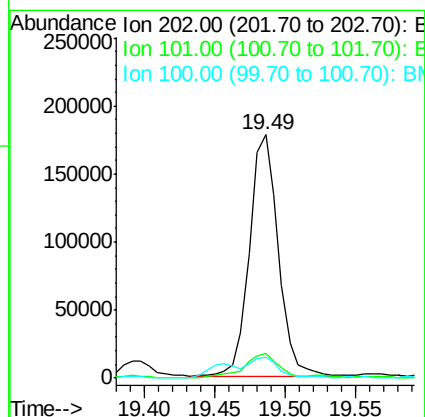
RT: 19.49 min Scan# 2873

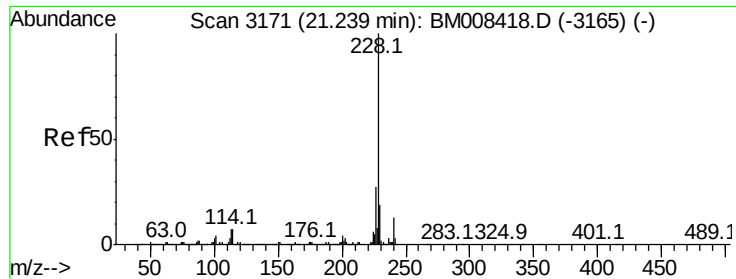
Delta R.T. -0.00 min

Lab File: BM008420.D

Acq: 17 Dec 2016 20:13

Tgt Ion:	202	Resp:	255679
Ion Ratio	Lower	Upper	
202	100		
101	10.0	8.2	12.4
100	8.7	7.0	10.6





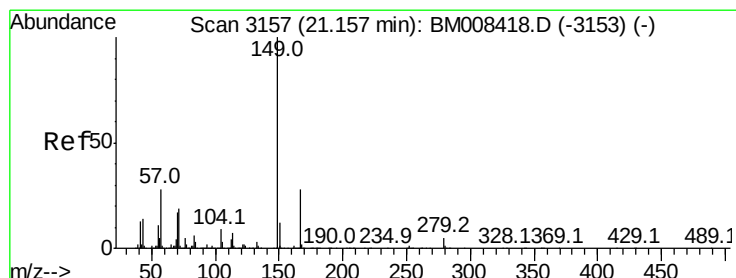
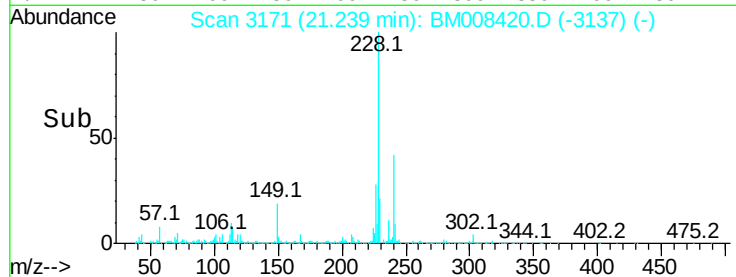
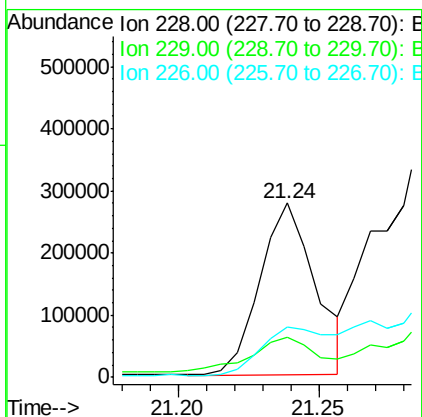
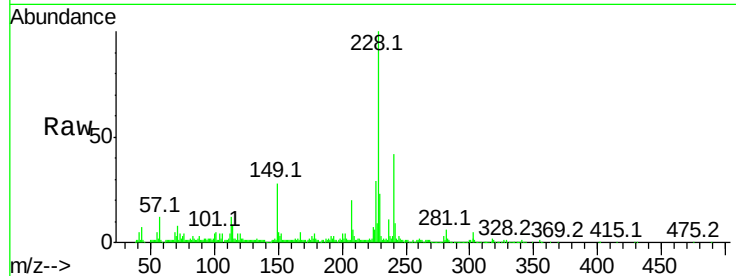
#80
 Benzo(a)anthracene
 Concen: 9.55 ng/ul
 RT: 21.24 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BM008420.D
 Acq: 17 Dec 2016 20:13

Instrument :
 BNA_M
 ClientSampled :
 DA7G0

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.4	23.2
226	29.1	21.2	31.8

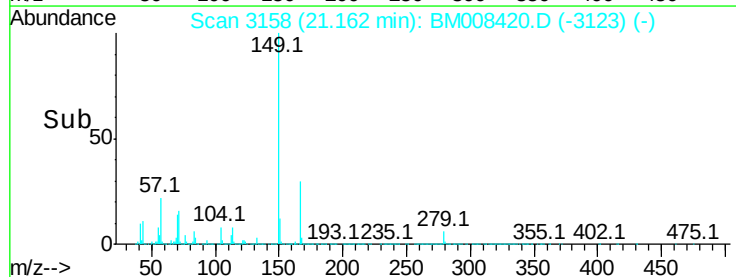
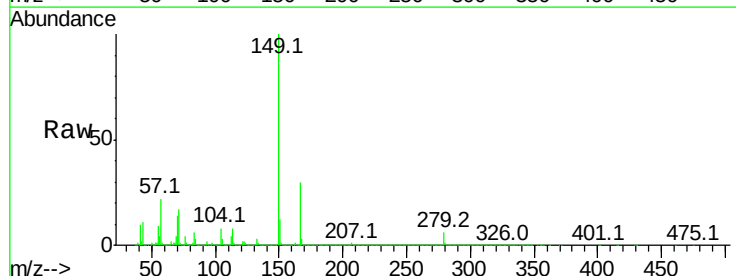
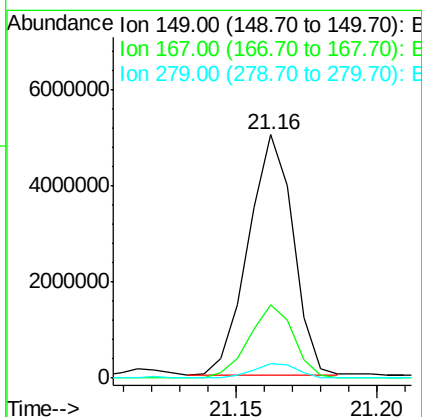
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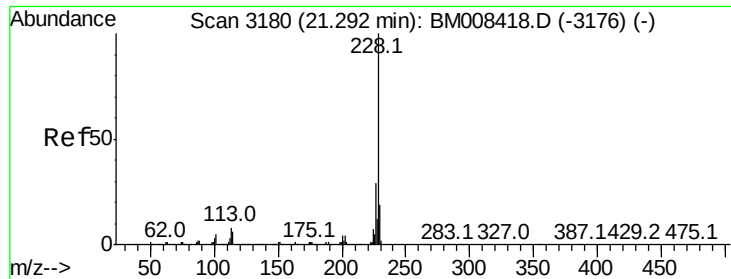
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#81
 Bis(2-ethylhexyl)phthalate
 Concen: 280.14 ng/ul
 RT: 21.16 min Scan# 3158
 Delta R.T. 0.01 min
 Lab File: BM008420.D
 Acq: 17 Dec 2016 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.1	22.6	34.0
279	5.8	4.2	6.4





#82

Chrysene

Concen: 20.44 ng/ul

RT: 21.29 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BM008420.D

Acq: 17 Dec 2016 20:13

Instrument :

BNA_M

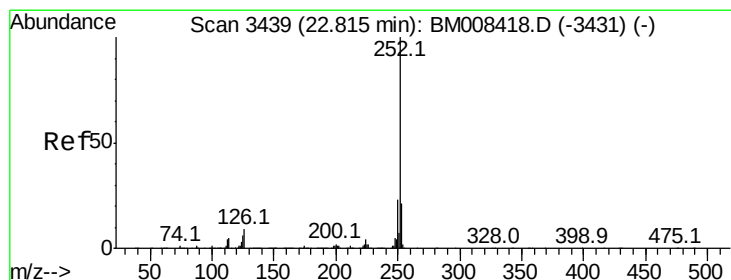
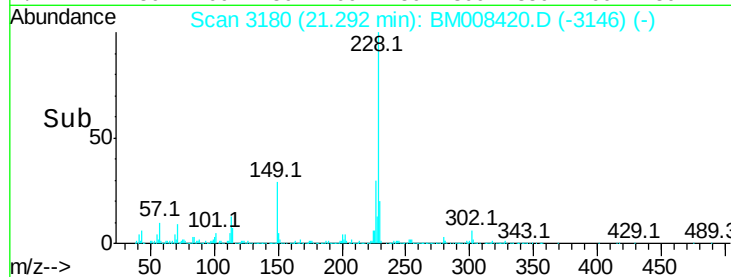
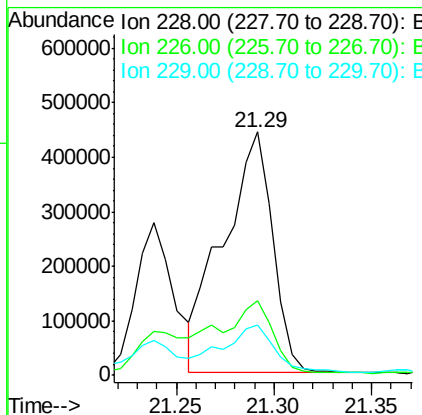
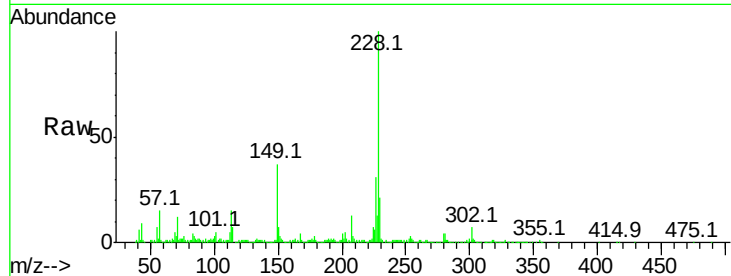
ClientSampled :

DA7G0

Tot Ion:	228	Resp:	775562
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.1	34.7
229	20.7	15.4	23.2

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#85

Benzo(b)fluoranthene

Concen: 49.58 ng/ul

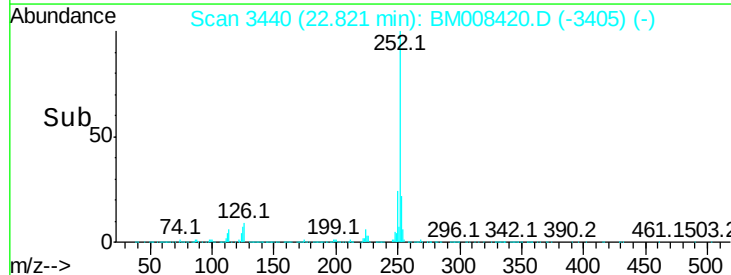
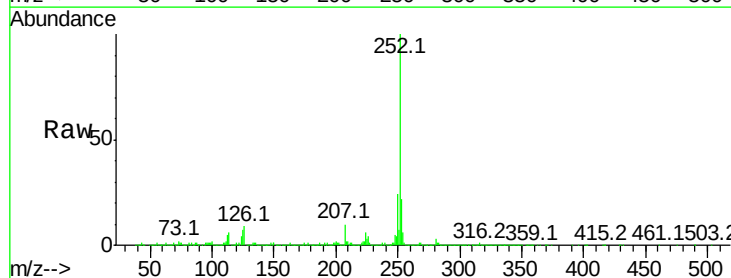
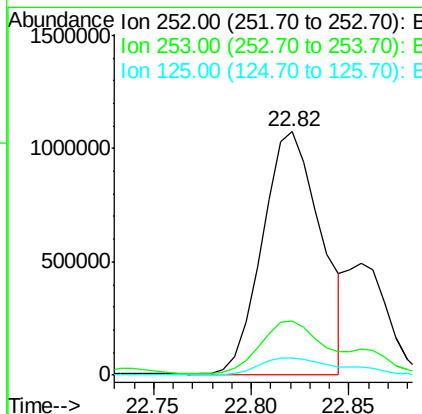
RT: 22.82 min Scan# 3440

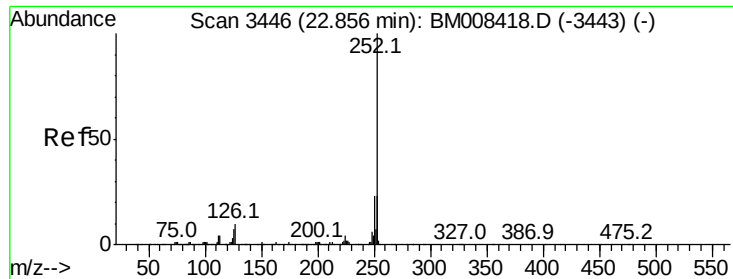
Delta R.T. 0.01 min

Lab File: BM008420.D

Acq: 17 Dec 2016 20:13

Tgt Ion:	252	Resp:	2228460
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.1	25.7
125	7.2	5.4	8.2





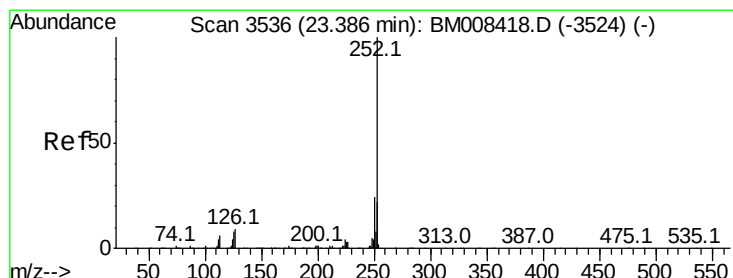
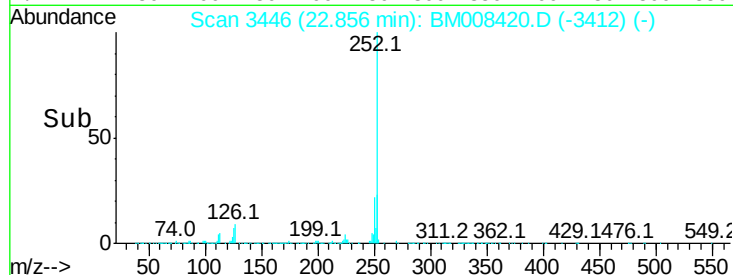
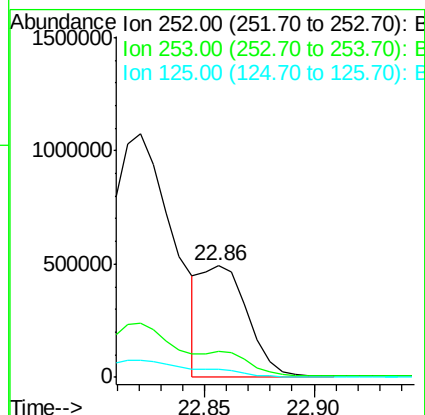
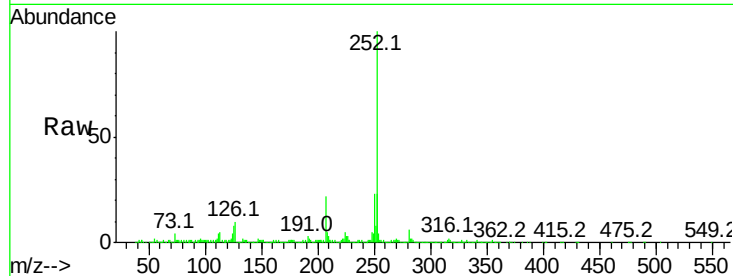
#86
Benzo(k)fluoranthene
Concen: 16.79 ng/ul m
RT: 22.86 min Scan# 3446
Delta R.T. -0.00 min
Lab File: BM008420.D
Acq: 17 Dec 2016 20:13

Instrument :
BNA_M
ClientSampled :
DA7G0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	7.6	5.8	8.6

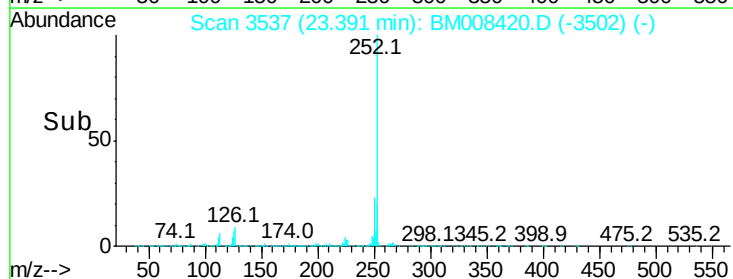
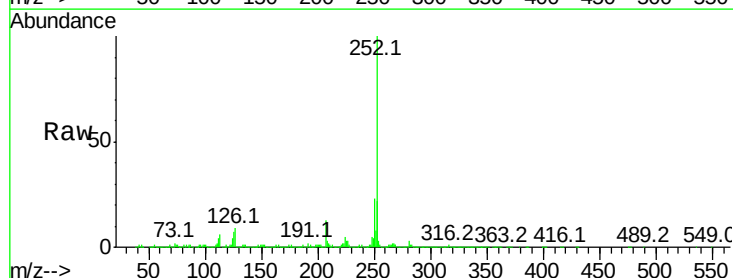
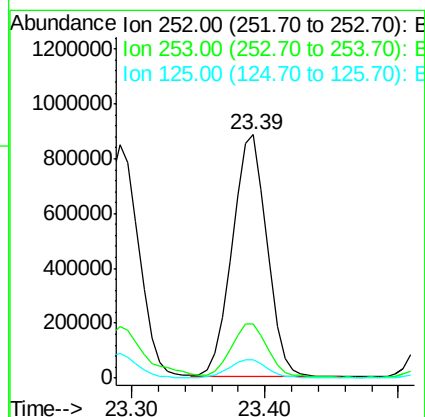
Manual Integrations
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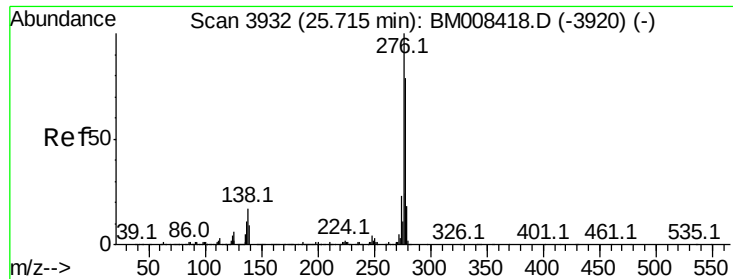
umangi
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#88
Benzo(a)pyrene
Concen: 36.87 ng/ul
RT: 23.39 min Scan# 3537
Delta R.T. 0.01 min
Lab File: BM008420.D
Acq: 17 Dec 2016 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	7.4	6.6	9.8





#89

Indeno(1,2,3-cd)pyrene

Concen: 31.93 ng/ul

RT: 25.72 min Scan# 3933

Delta R.T. 0.01 min

Lab File: BM008420.D

Acq: 17 Dec 2016 20:13

Instrument :

BNA_M

ClientSampleId :

DA7G0

Tot Ion:276 Resp: 1678928

Ion Ratio Lower Upper

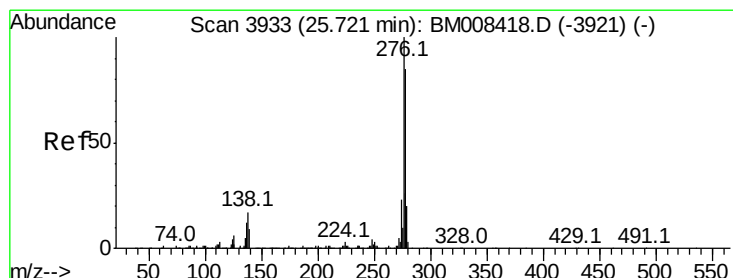
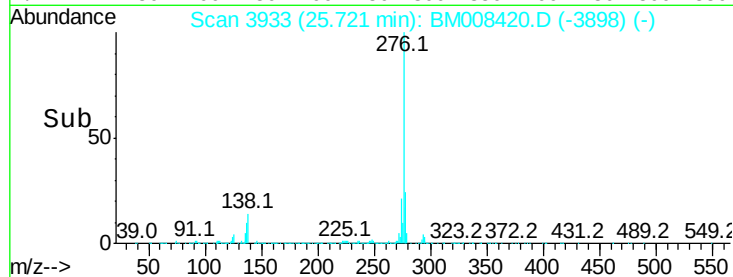
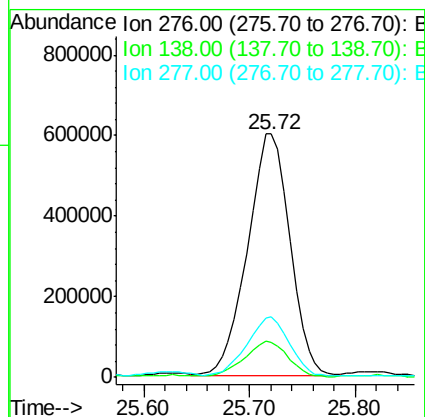
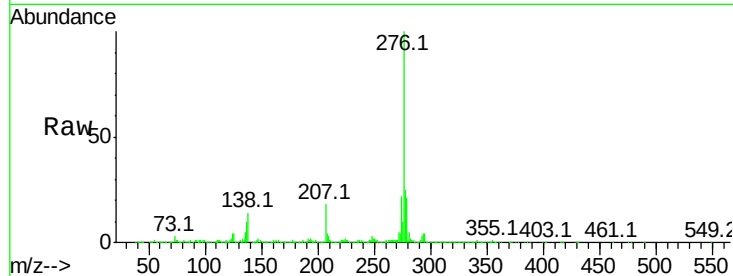
276 100

138 14.4 13.4 20.2

277 24.7 19.7 29.5

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#90

Dibenzo(a,h)anthracene

Concen: 10.43 ng/ul

RT: 25.71 min Scan# 3932

Delta R.T. -0.01 min

Lab File: BM008420.D

Acq: 17 Dec 2016 20:13

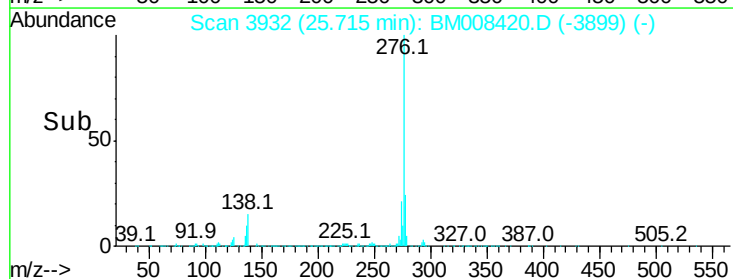
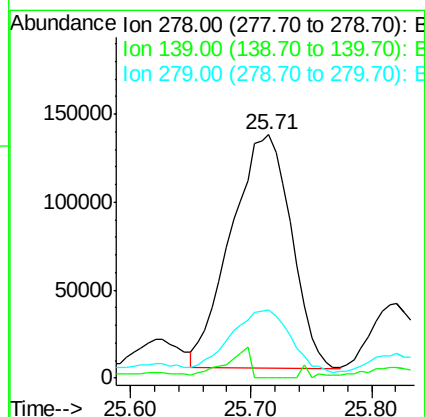
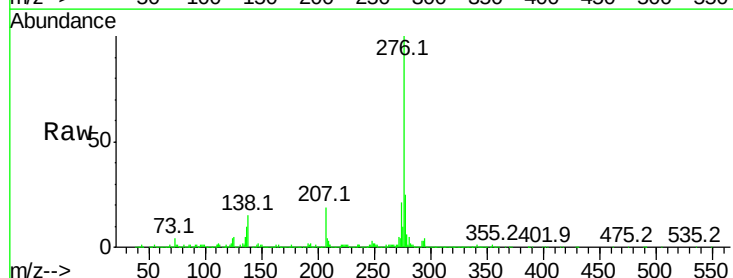
Tgt Ion:278 Resp: 460655

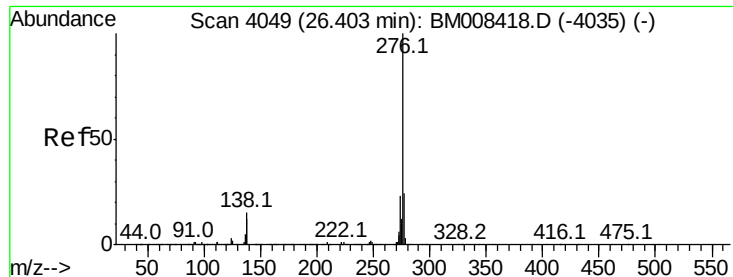
Ion Ratio Lower Upper

278 100

139 0.0 9.4 14.0#

279 28.1 18.6 28.0#





#91
 Benzo(a,h,i)perylene
 Concen: 34.32 ng/ul
 RT: 26.40 min Scan# 4049
 Delta R.T. -0.00 min
 Lab File: BM008420.D
 Acq: 17 Dec 2016 20:13

Instrument :
 BNA_M
 ClientSampleId :
 DA7G0

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	12.0	18.0
277	24.4	19.4	29.0

Manual Integrations
 APPROVED

umangi
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