

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
 Data File : BM007398.D
 Acq On : 03 Sep 2016 09:34
 Operator : UM/SJ
 Sample : H4639-21
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD397

Manual Integrations
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Quant Time: Sep 06 08:30:52 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 05 01:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	195789	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	893282	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	598227	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1509844	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1974926	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1995242	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	10728	2.80	ng/uL	0.00
5) Phenol-d5	6.96	99	263025	14.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	157702	16.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	210072	15.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	212803	13.19	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	116911	17.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	134091	17.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	243405	15.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	46779	2.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	917846	17.78	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1106660	18.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	66722	6.85	ng/ul	0.00
57) Fluorene-d10	15.42	176	830190	18.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	130916	13.79	ng/ul	0.00
70) Anthracene-d10	17.27	188	1359845	19.28	ng/ul	0.00
76) Pyrene-d10	19.56	212	1798732	21.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	1749695	19.04	ng/ul	0.00

Target Compounds

					Qvalue
4) Benzaldehyde	6.94	77	11880	1.13 ng/ul	84
28) Naphthalene	10.63	128	129701	2.92 ng/ul	98
34) 2-Methylnaphthalene	12.24	142	123030	3.38 ng/ul	98
44) Dimethylphthalate	13.88	163	866954	16.86 ng/ul	100
53) Dibenzofuran	14.82	168	177471	2.96 ng/ul	95
69) Phenanthrene	17.21	178	635111	7.84 ng/ul	99
71) Anthracene	17.30	178	119493	1.43 ng/ul	97
74) Fluoranthene	19.23	202	958674	9.42 ng/ul	99
77) Pyrene	19.59	202	540097	5.10 ng/ul	98
78) Butylbenzylphthalate	20.49	149	123179	2.79 ng/ul	93
80) Benzo(a)anthracene	21.33	228	391978m	3.37 ng/ul	
82) Chrysene	21.37	228	1170035m	11.10 ng/ul	
85) Benzo(b)fluoranthene	22.94	252	1372168	11.63 ng/ul	99
86) Benzo(k)fluoranthene	22.98	252	406705m	3.73 ng/ul	
88) Benzo(a)pyrene	23.52	252	171017	1.51 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.90	276	216022	1.56 ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	144772	1.23 ng/ul	96

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

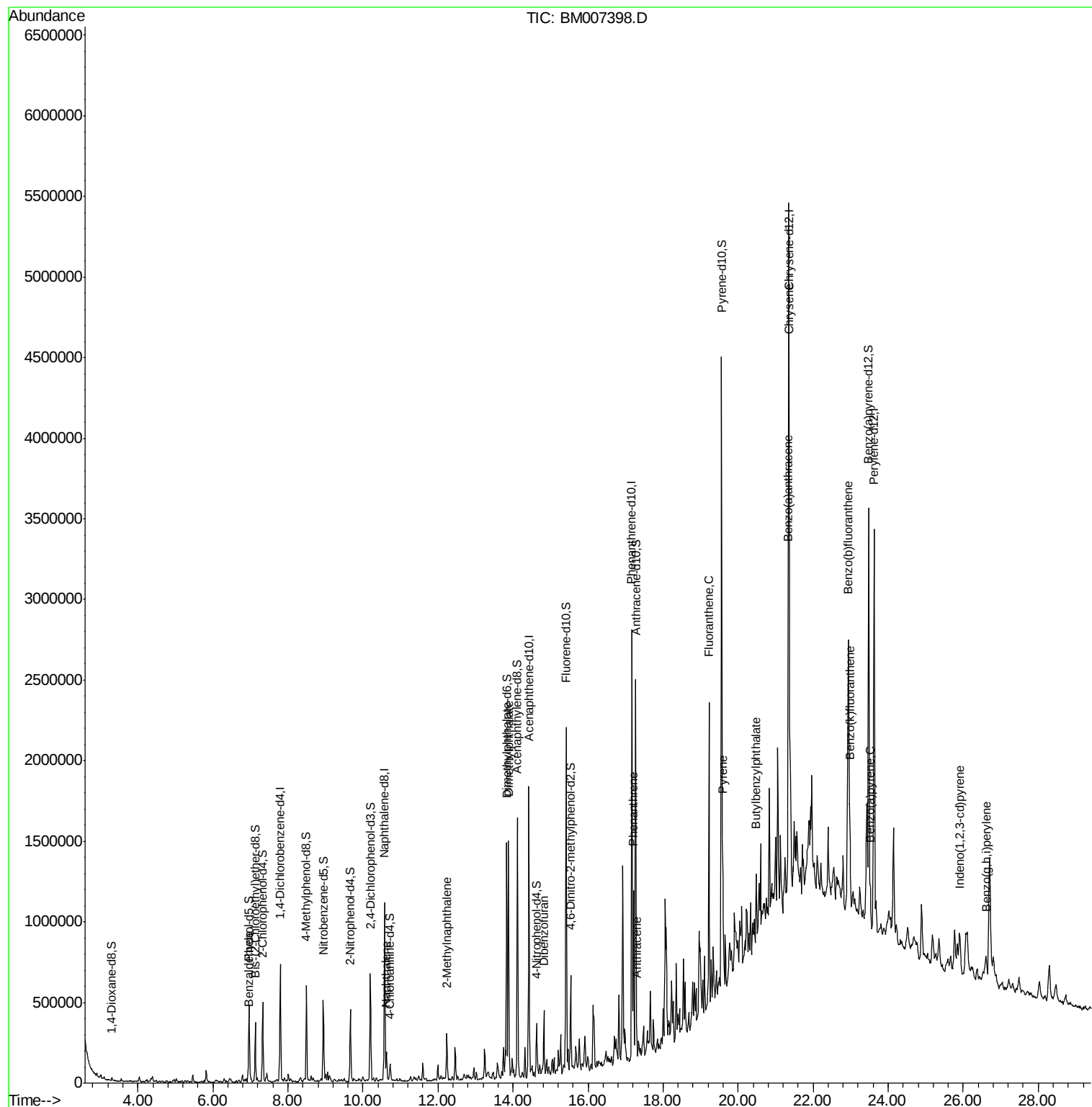
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007398.D
Acq On : 03 Sep 2016 09:34
Operator : UM/SJ
Sample : H4639-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

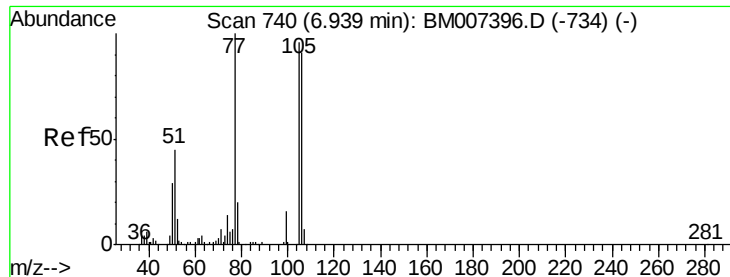
Instrument :
BNA_M
ClientSampleId :
BD397

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Quant Time: Sep 06 08:30:52 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 05 01:45:04 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.13 ng/ul

RT: 6.94 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM007398.D

Acq: 03 Sep 2016 09:34

Instrument :

BNA_M

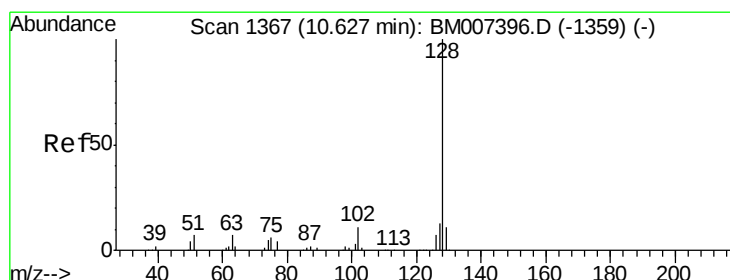
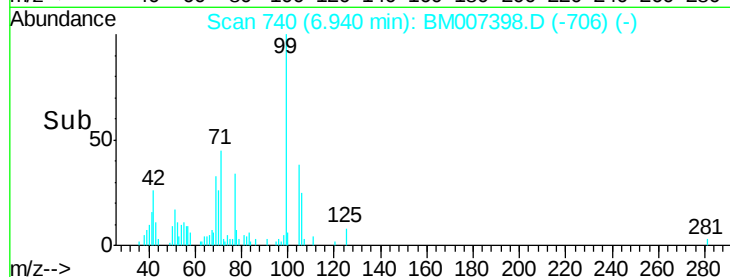
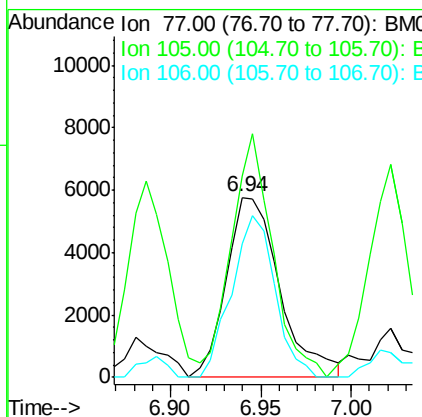
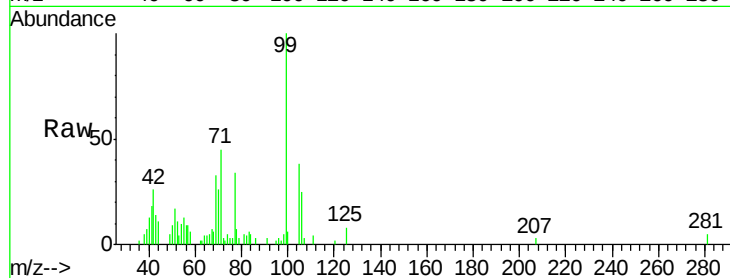
ClientSampled :

BD397

Tgt Ion:	77	Resp:	11880
Ion	Ratio	Lower	Upper
77	100		
105	112.0	76.9	115.3
106	74.3	71.8	107.8

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#28

Naphthalene

Concen: 2.92 ng/ul

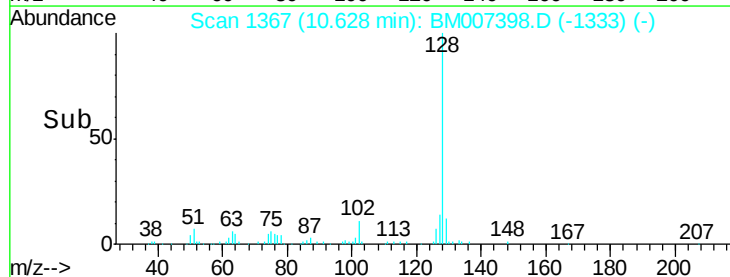
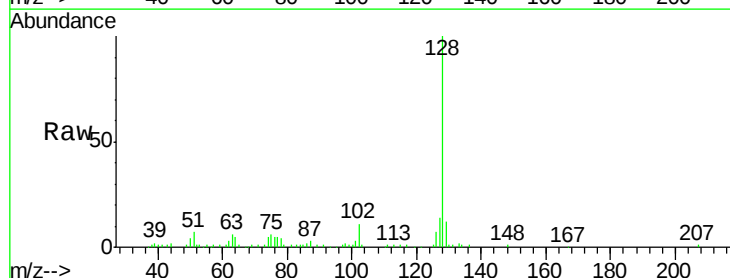
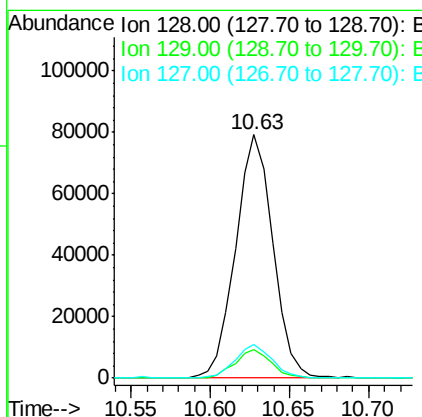
RT: 10.63 min Scan# 1367

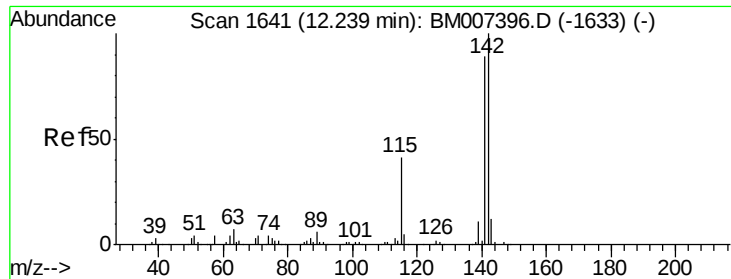
Delta R.T. 0.00 min

Lab File: BM007398.D

Acq: 03 Sep 2016 09:34

Tgt Ion:	128	Resp:	129701
Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	12.8
127	13.6	10.6	15.8





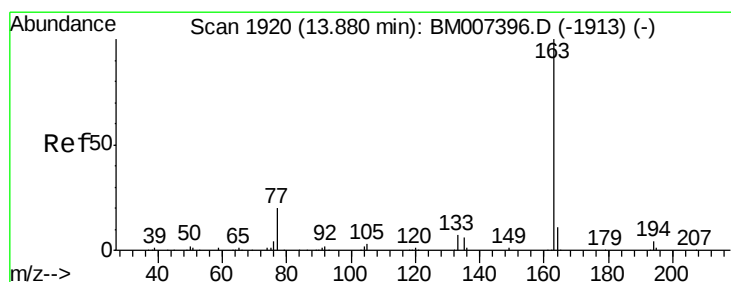
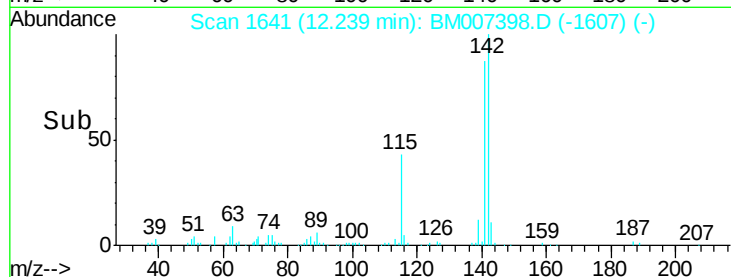
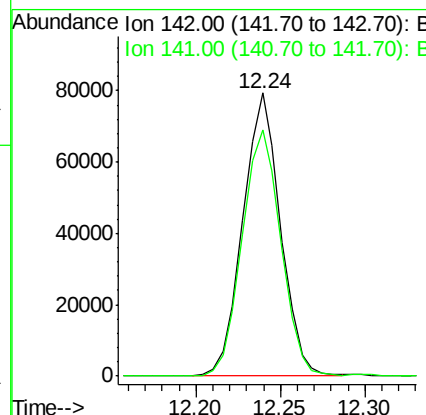
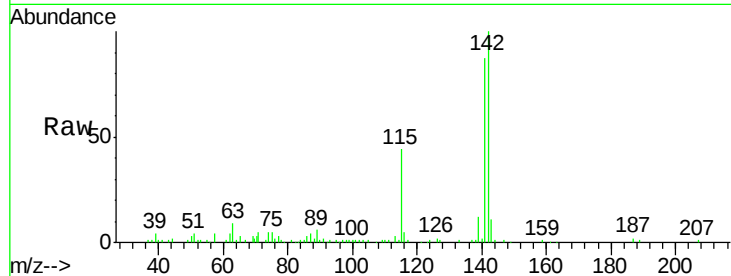
#34
 2-Methylnaphthalene
 Concen: 3.38 ng/ul
 RT: 12.24 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BM007398.D
 Acq: 03 Sep 2016 09:34

Instrument :
 BNA_M
 ClientSampleId :
 BD397

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.8	71.3	106.9

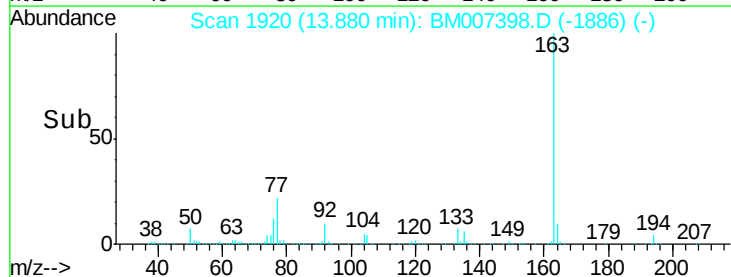
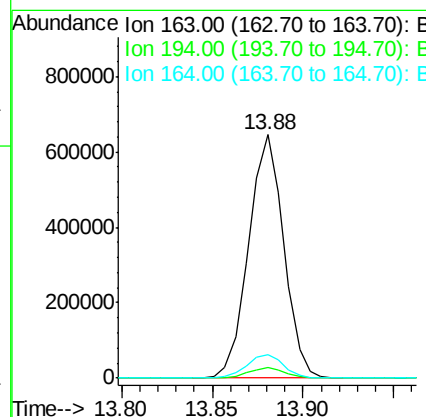
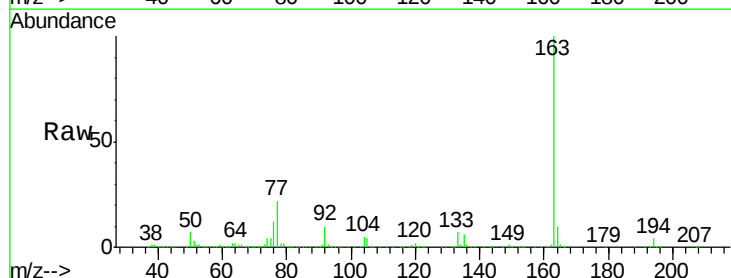
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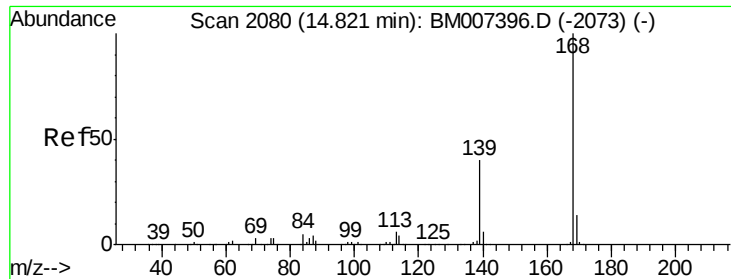
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#44
 Dimethylphthalate
 Concen: 16.86 ng/ul
 RT: 13.88 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: BM007398.D
 Acq: 03 Sep 2016 09:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.7	7.8	11.8





#53

Dibenzenofuran

Concen: 2.96 ng/ul

RT: 14.82 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BM007398.D

Acq: 03 Sep 2016 09:34

Instrument :

BNA_M

ClientSampled :

BD397

Tgt Ion:168 Resp: 177471

Ion Ratio Lower Upper

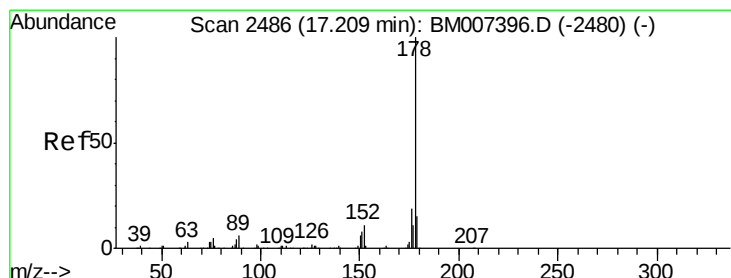
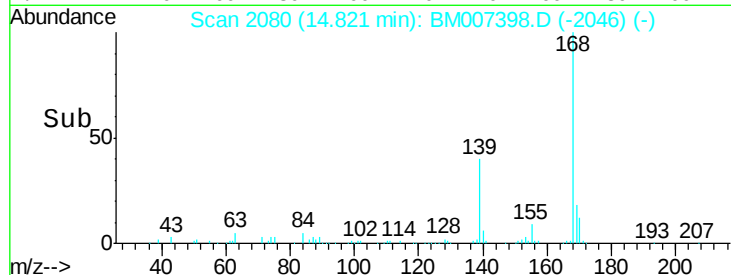
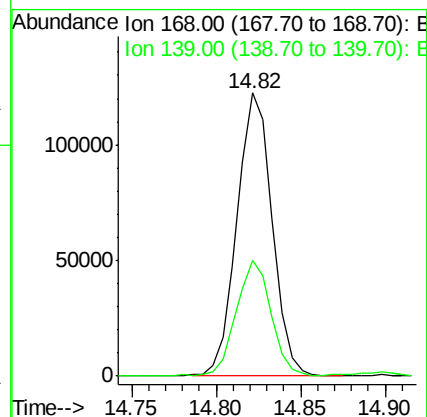
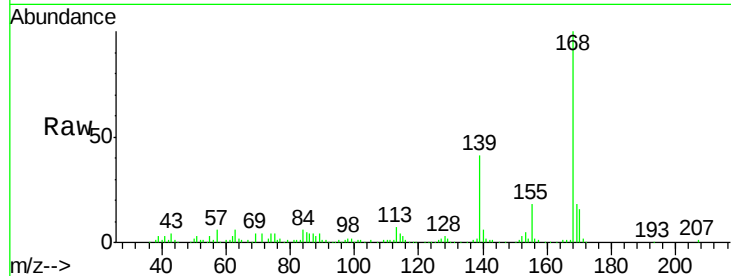
168 100

139 40.8 30.1 45.1

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#69

Phenanthrene

Concen: 7.84 ng/ul

RT: 17.21 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BM007398.D

Acq: 03 Sep 2016 09:34

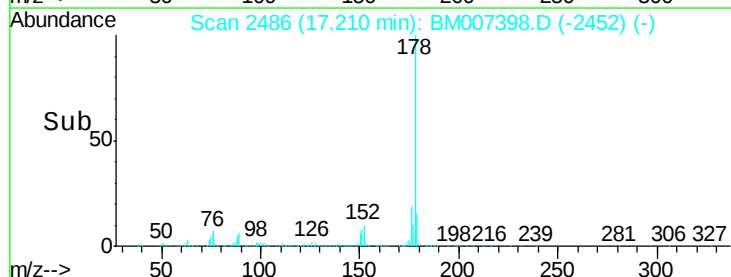
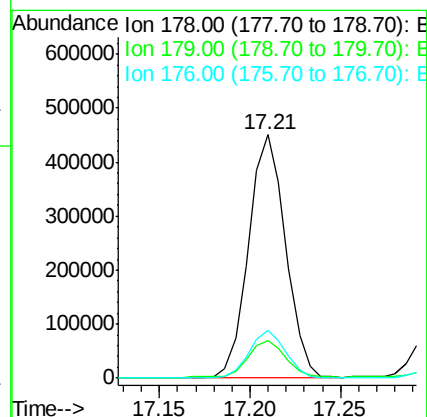
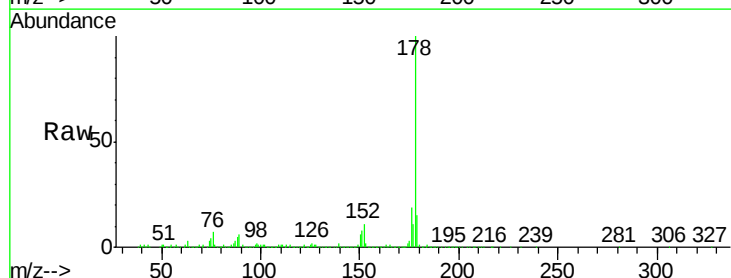
Tgt Ion:178 Resp: 635111

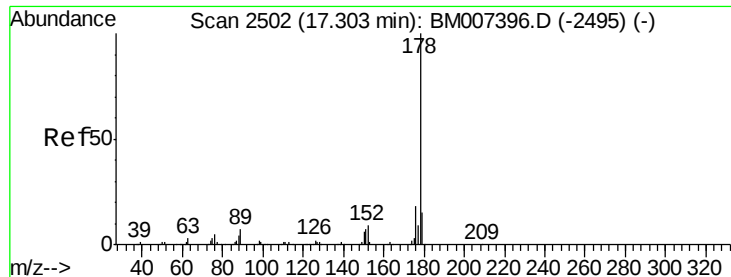
Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 19.4 15.1 22.7





#71

Anthracene

Concen: 1.43 ng/ul

RT: 17.30 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BM007398.D

Acq: 03 Sep 2016 09:34

Instrument :

BNA_M

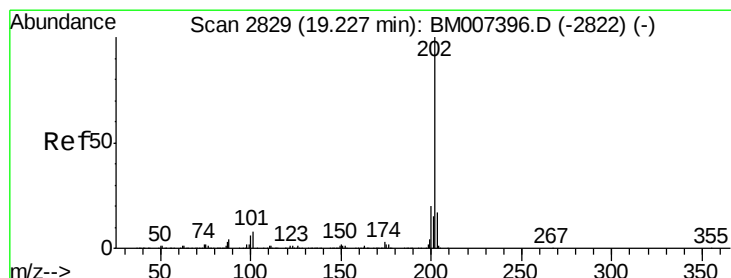
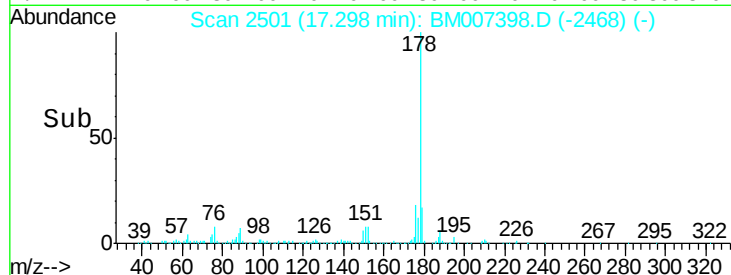
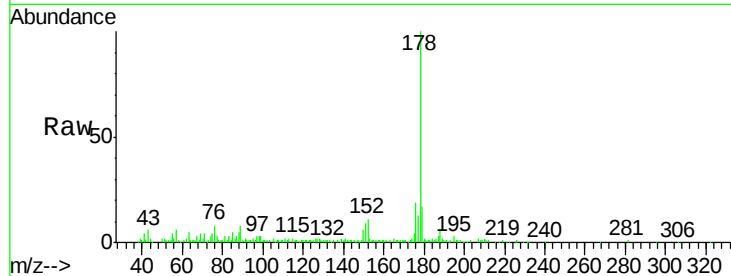
ClientSampleId :

BD397

Tgt Ion:	178	Resp:	119493
Ion Ratio	Lower	Upper	
178	100		
179	17.3	12.1	18.1
176	18.5	14.5	21.7

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#74

Fluoranthene

Concen: 9.42 ng/ul

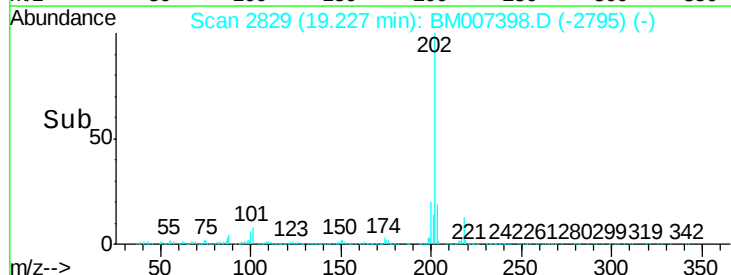
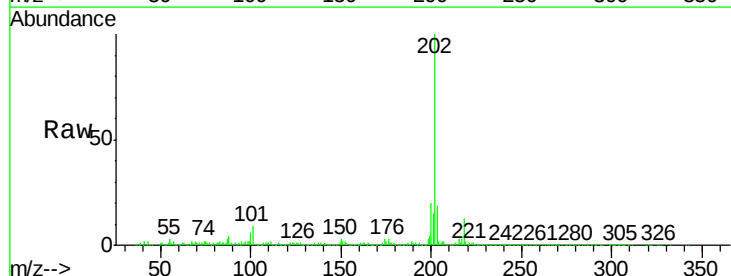
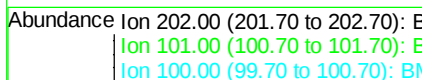
RT: 19.23 min Scan# 2829

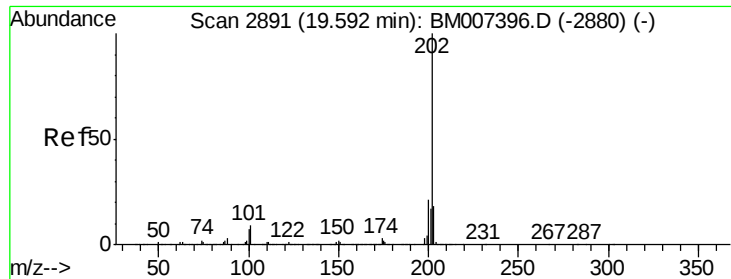
Delta R.T. 0.00 min

Lab File: BM007398.D

Acq: 03 Sep 2016 09:34

Tgt Ion:	202	Resp:	958674
Ion Ratio	Lower	Upper	
202	100		
101	8.5	6.9	10.3
100	6.0	5.4	8.0





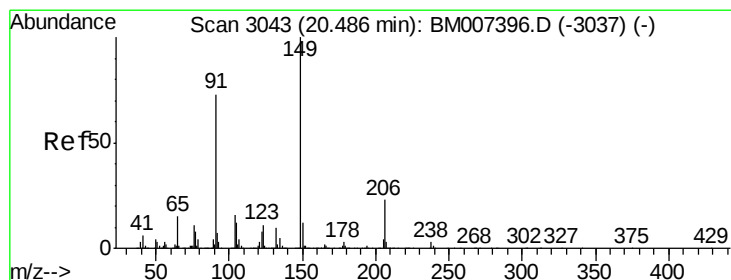
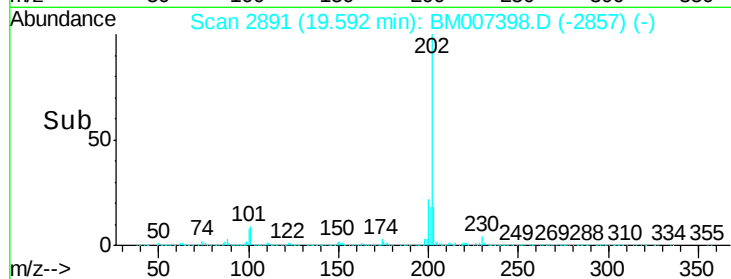
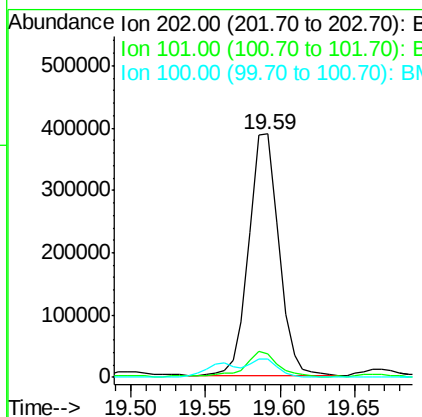
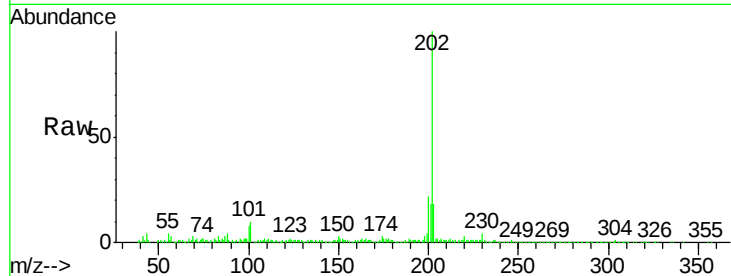
#77
 Pyrene
 Concen: 5.10 ng/ul
 RT: 19.59 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BM007398.D
 Acq: 03 Sep 2016 09:34

Instrument :
 BNA_M
 ClientSampled :
 BD397

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.6	8.4	12.6
100	7.7	6.9	10.3

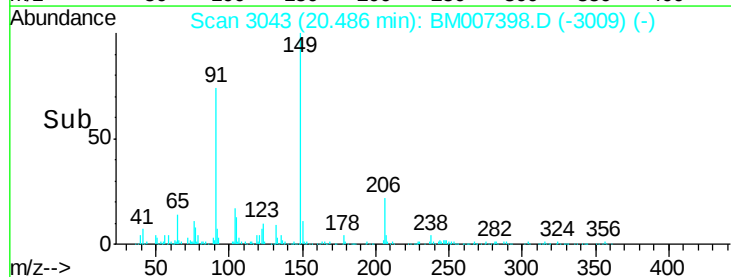
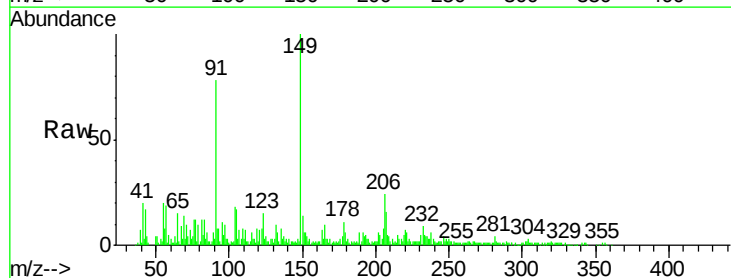
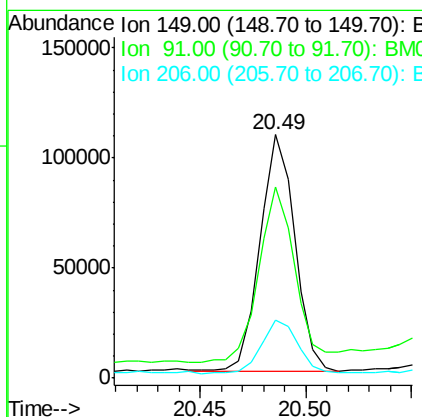
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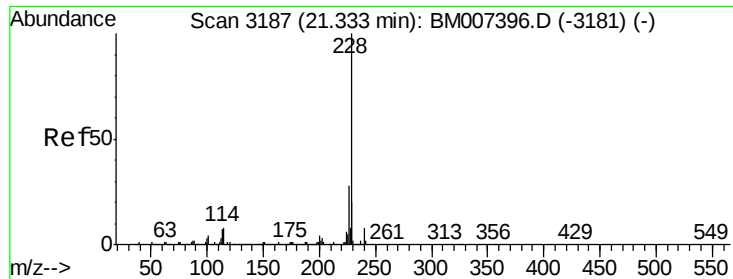
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#78
 Butylbenzylphthalate
 Concen: 2.79 ng/ul
 RT: 20.49 min Scan# 3043
 Delta R.T. 0.00 min
 Lab File: BM007398.D
 Acq: 03 Sep 2016 09:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	78.5	57.3	85.9
206	24.0	18.6	27.8





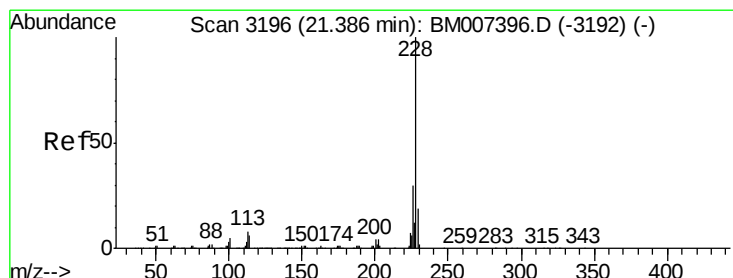
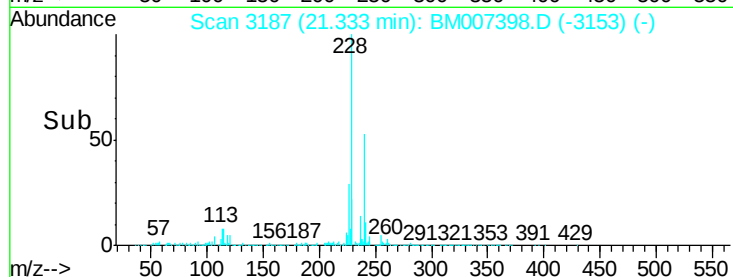
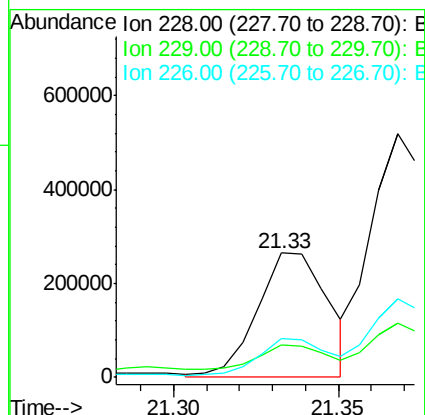
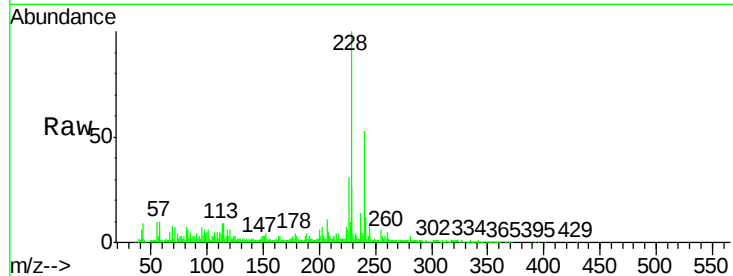
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Benzo(a)anthracene
Concen: 3.37 ng/ul m
RT: 21.33 min Scan# 3187
Delta R.T. 0.00 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Instrument :
BNA_M
ClientSampled :
BD397

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.7	15.6	23.4#
226	31.1	21.8	32.8

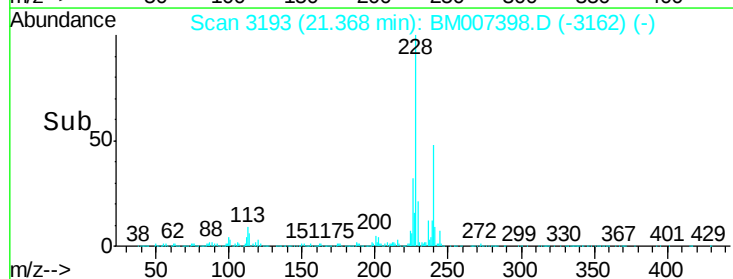
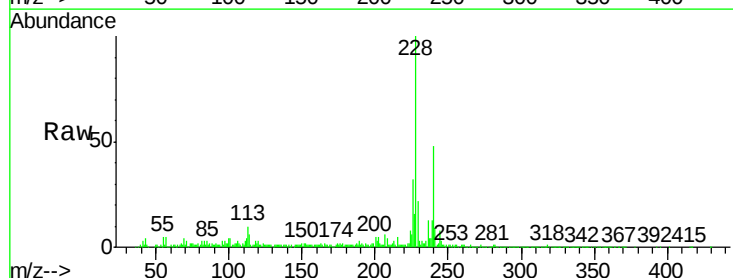
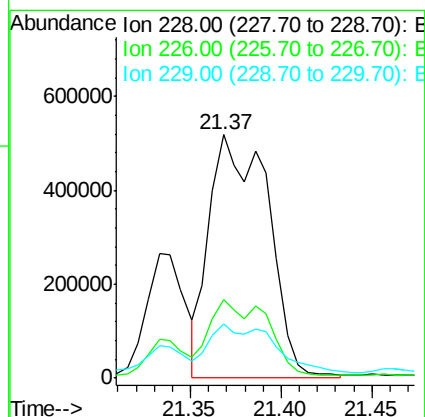
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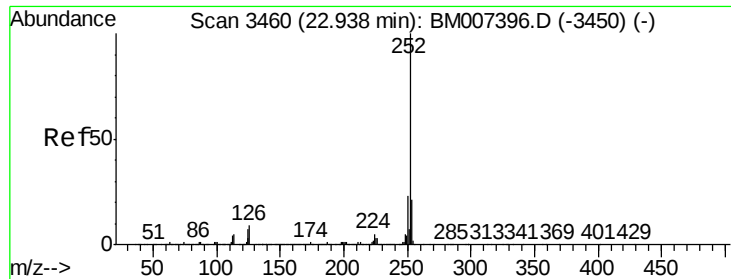
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#82
Chrysene
Concen: 11.10 ng/ul m
RT: 21.37 min Scan# 3193
Delta R.T. -0.02 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.4	35.2
229	22.1	15.5	23.3





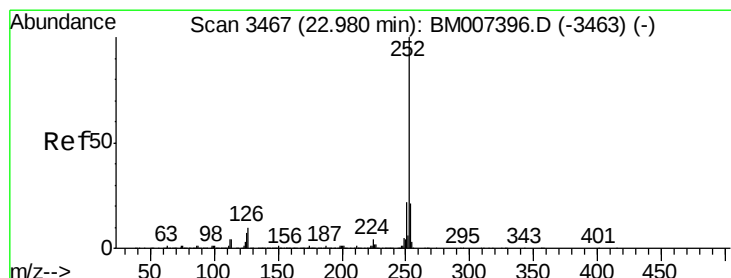
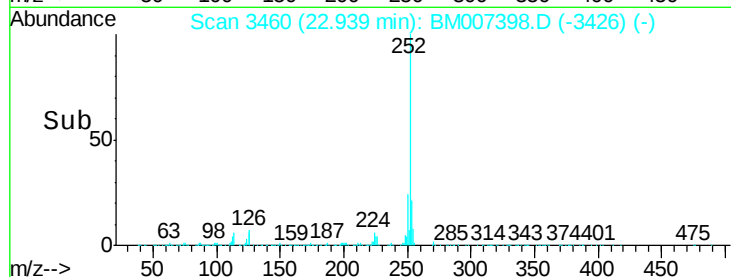
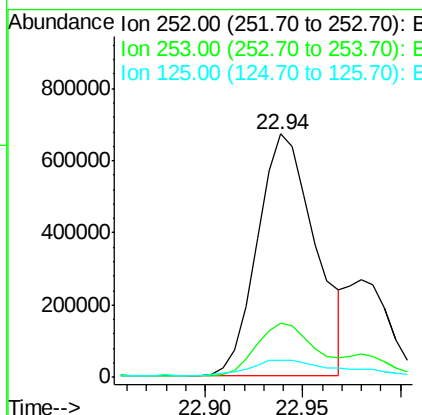
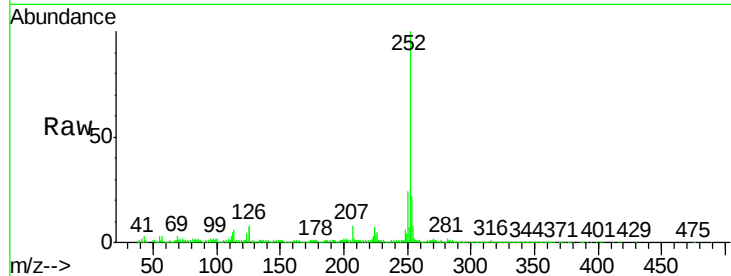
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Benzo(b)fluoranthene
Concen: 11.63 ng/ul
RT: 22.94 min Scan# 3460
Delta R.T. 0.00 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Instrument :
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ClientSampleId :
BD397

Tgt Ion:252 Resp: 1372168
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 7.1 5.8 8.8

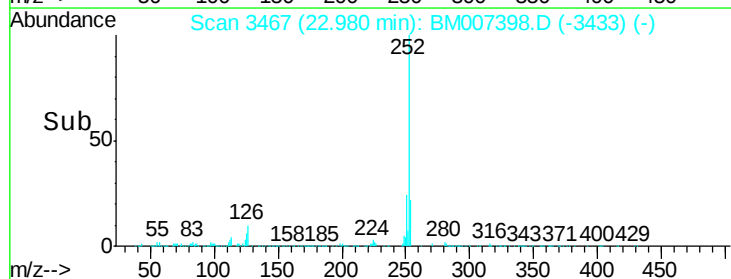
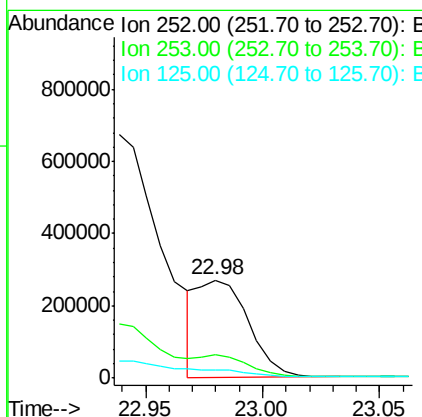
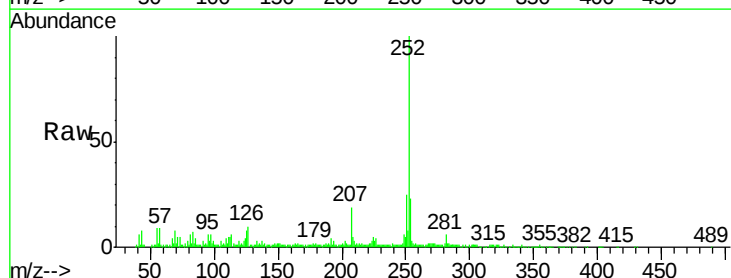
Manual Integrations
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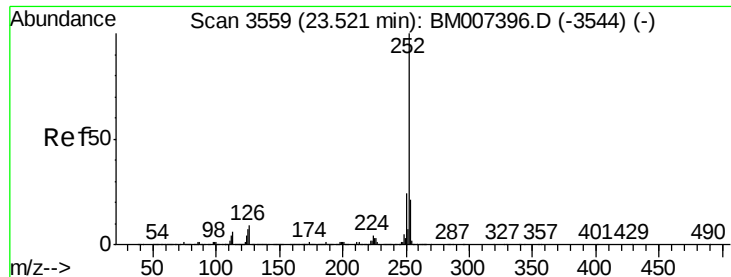
sohil
9/6/2016 1:16:30 PM



#86
Benzo(k)fluoranthene
Concen: 3.73 ng/ul m
RT: 22.98 min Scan# 3467
Delta R.T. 0.00 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Tgt Ion:252 Resp: 406705
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 8.5 5.7 8.5





#88

Benzo(a)pyrene

Concen: 1.51 ng/ul

RT: 23.52 min Scan# 3559

Delta R.T. 0.00 min

Lab File: BM007398.D

Acq: 03 Sep 2016 09:34

Instrument :

BNA_M

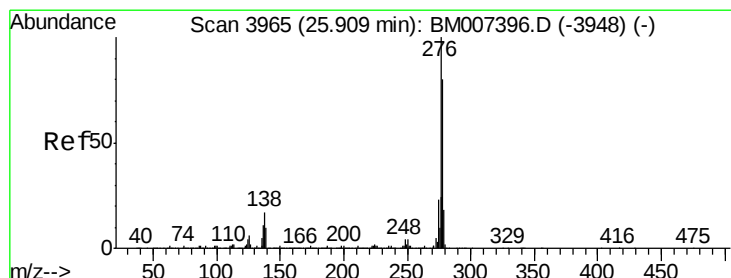
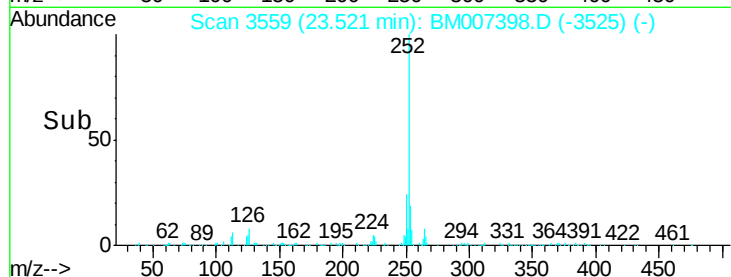
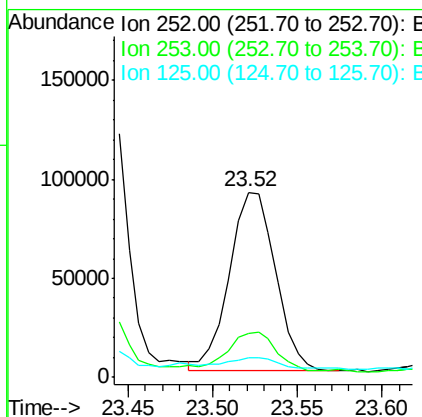
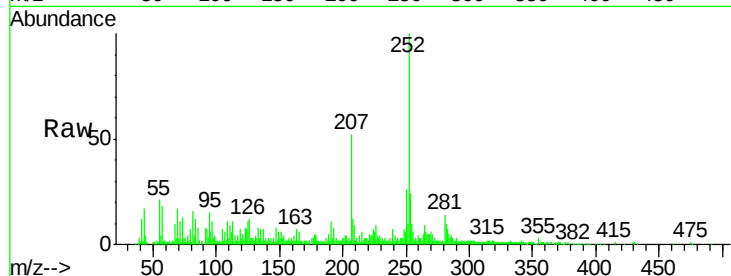
ClientSampleId :

BD397

Tgt Ion:	252	Resp:	171017
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.7	26.5
125	10.7	6.6	9.8#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.56 ng/ul

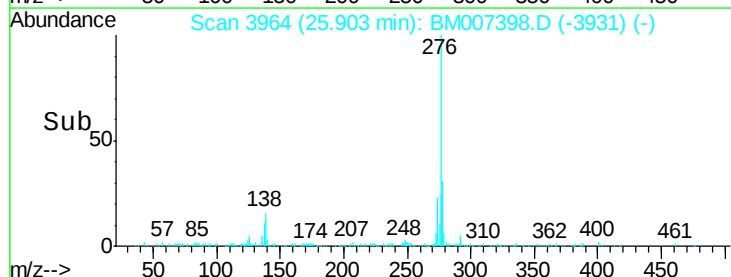
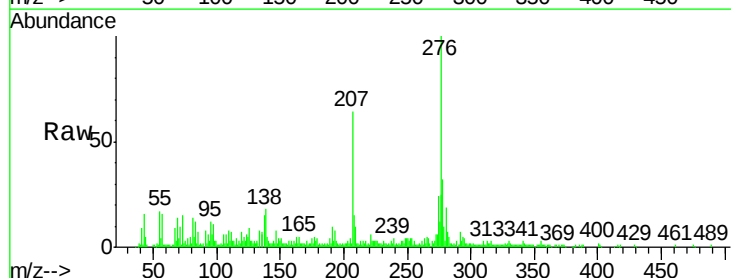
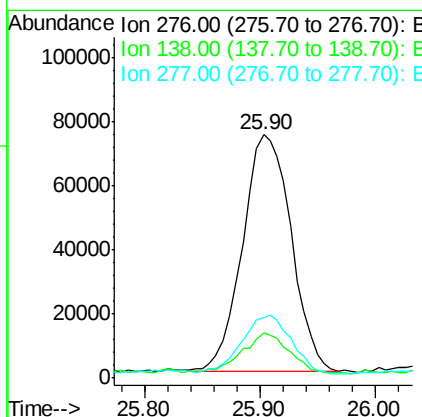
RT: 25.90 min Scan# 3964

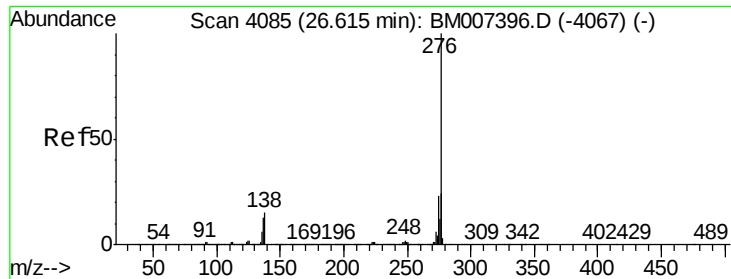
Delta R.T. -0.01 min

Lab File: BM007398.D

Acq: 03 Sep 2016 09:34

Tgt Ion:	276	Resp:	216022
Ion Ratio	Lower	Upper	
276	100		
138	18.5	13.9	20.9
277	24.8	20.1	30.1





#91
 Benzo(g,h,i)perylene
 Concen: 1.23 ng/ul
 RT: 26.61 min Scan# 4084
 Delta R.T. -0.01 min
 Lab File: BM007398.D
 Acq: 03 Sep 2016 09:34

Instrument :
 BNA_M
 ClientSampleId :
 BD397

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		144772		
138	18.3	13.5	20.3		
277	26.2	19.3	28.9		

Manual Integrations
 APPROVED

sohil
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