

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
 Data File : BM007403.D
 Acq On : 03 Sep 2016 12:34
 Operator : UM/SJ
 Sample : H4639-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD385

Manual Integrations
 APPROVED

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 9/6/2016 1:16:42 PM

Quant Time: Sep 06 08:58:27 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	219494	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1037608	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	700598	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1810063	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2389091	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2325336	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	10788	2.51	ng/uL	0.00
5) Phenol-d5	6.96	99	275734	13.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	153094	14.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	216547	14.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	222845	12.32	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	115258	15.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	134307	15.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	255055	14.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	130302	5.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	915648	15.15	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1096576	15.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	138758	12.16	ng/ul	0.00
57) Fluorene-d10	15.42	176	835462	15.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	145976	12.83	ng/ul	0.00
70) Anthracene-d10	17.27	188	1355666	16.03	ng/ul	0.00
76) Pyrene-d10	19.56	212	1853952	18.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	1849770	17.27	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	10.63	128	75091	1.46 ng/ul	98
34) 2-Methylnaphthalene	12.24	142	63874	1.51 ng/ul	95
44) Dimethylphthalate	13.88	163	419723	6.97 ng/ul	99
53) Dibenzofuran	14.82	168	89950	1.28 ng/ul	99
69) Phenanthrene	17.21	178	435397	4.48 ng/ul	98
71) Anthracene	17.30	178	103900	1.04 ng/ul	98
74) Fluoranthene	19.23	202	1657318	13.59 ng/ul	99
77) Pyrene	19.59	202	887750	6.93 ng/ul	97
80) Benzo(a)anthracene	21.33	228	479787	3.41 ng/ul	95
82) Chrysene	21.39	228	1125454m	8.82 ng/ul	
85) Benzo(b)fluoranthene	22.94	252	1274503	9.27 ng/ul	98
86) Benzo(k)fluoranthene	22.98	252	347655m	2.74 ng/ul	
88) Benzo(a)pyrene	23.52	252	185680	1.41 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.91	276	190963	1.18 ng/ul	98

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

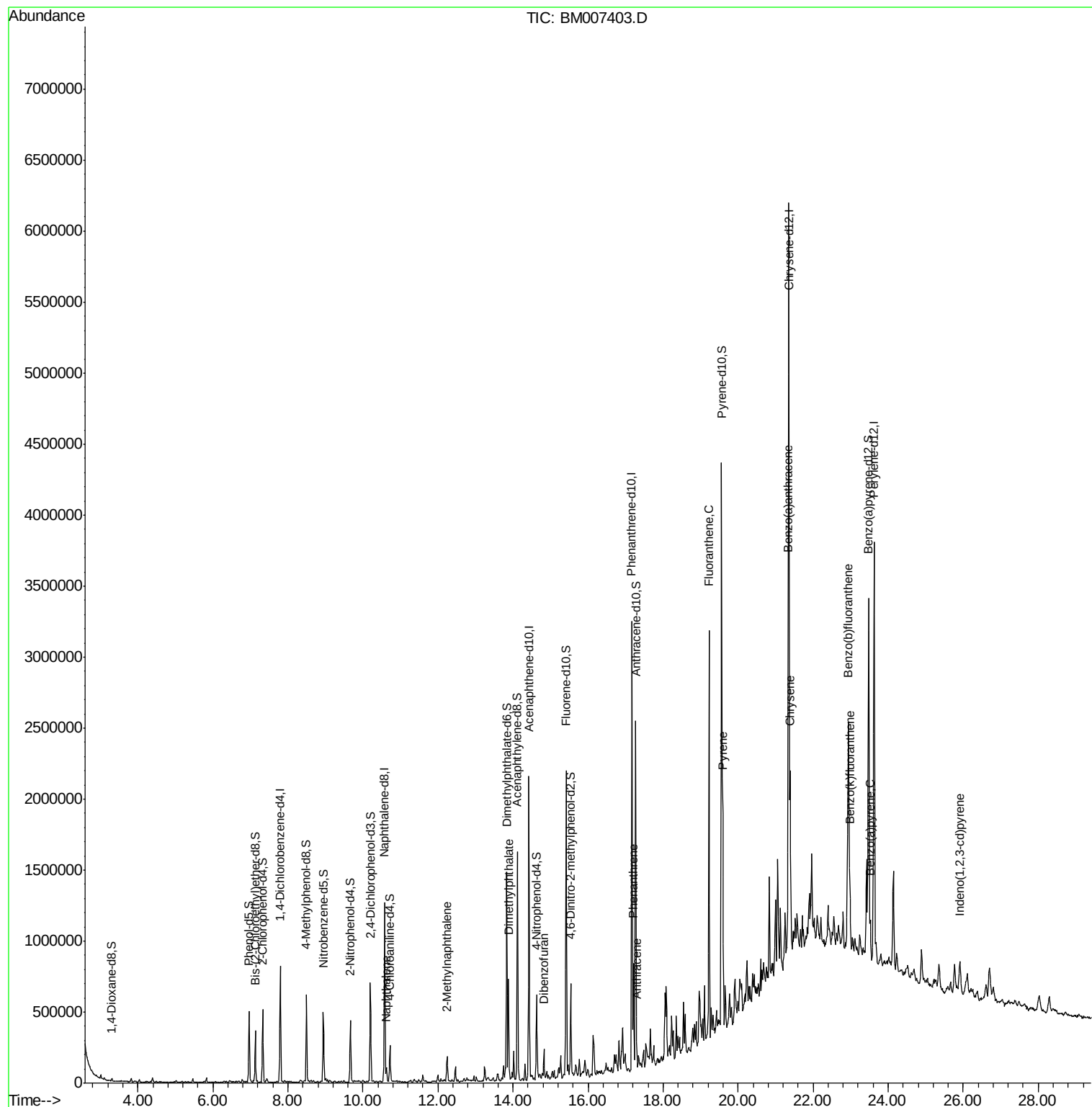
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007403.D
Acq On : 03 Sep 2016 12:34
Operator : UM/SJ
Sample : H4639-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

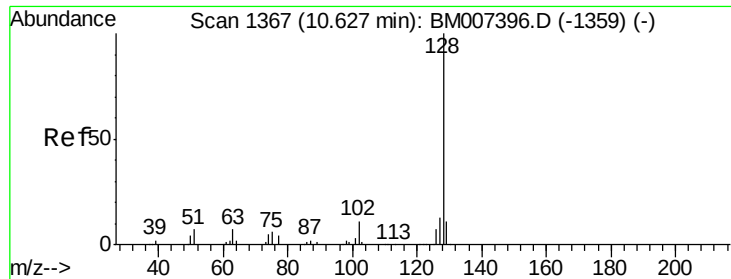
Instrument :
BNA_M
ClientSampleId :
BD385

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Quant Time: Sep 06 08:58:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





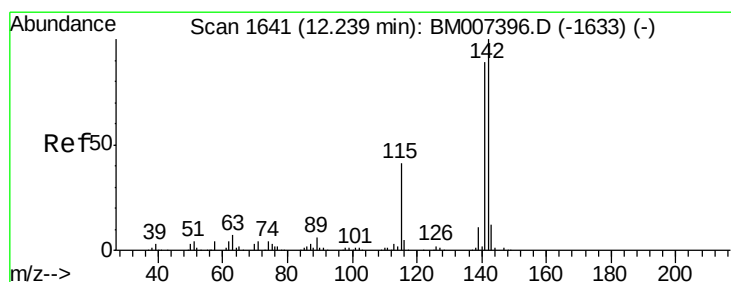
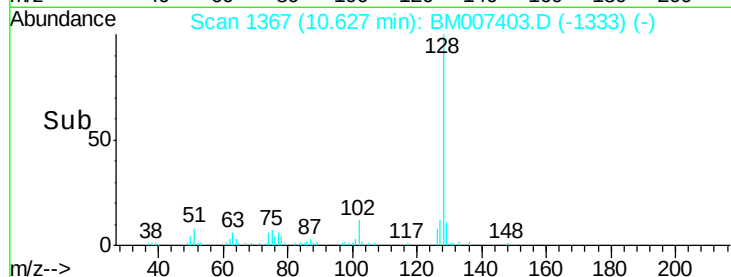
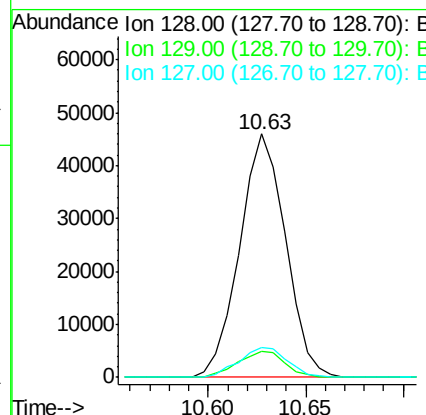
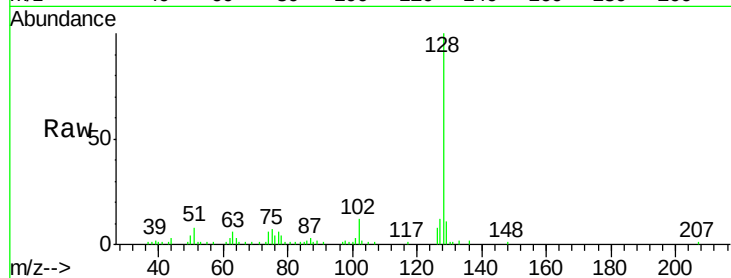
#28
Naphthalene
Concen: 1.46 ng/ul
RT: 10.63 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BM007403.D
Acq: 03 Sep 2016 12:34

Instrument :
BNA_M
ClientSampleId :
BD385

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	12.1	10.6	15.8

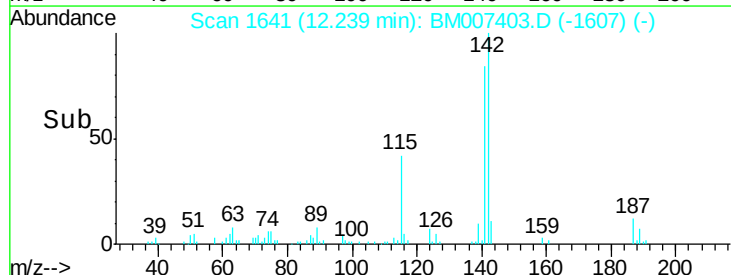
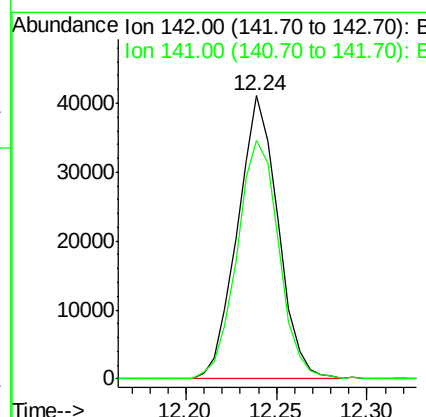
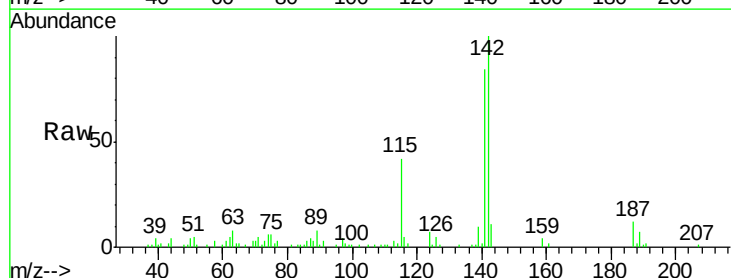
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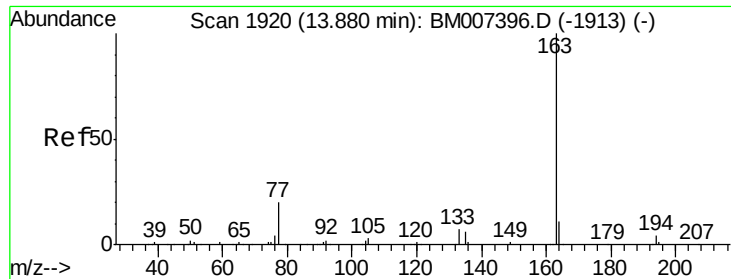
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#34
2-Methylnaphthalene
Concen: 1.51 ng/ul
RT: 12.24 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BM007403.D
Acq: 03 Sep 2016 12:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.5	71.3	106.9





#44

Dimethylphthalate

Concen: 6.97 ng/ul

RT: 13.88 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BM007403.D

Acq: 03 Sep 2016 12:34

Instrument :

BNA_M

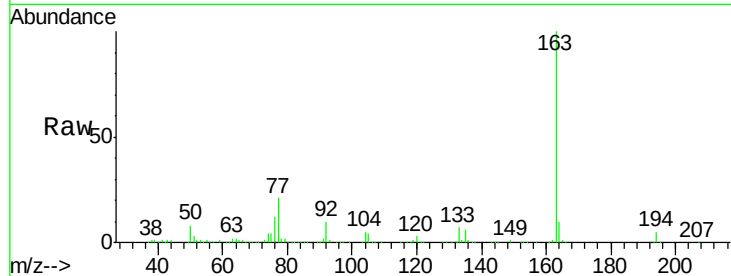
ClientSampleId :

BD385

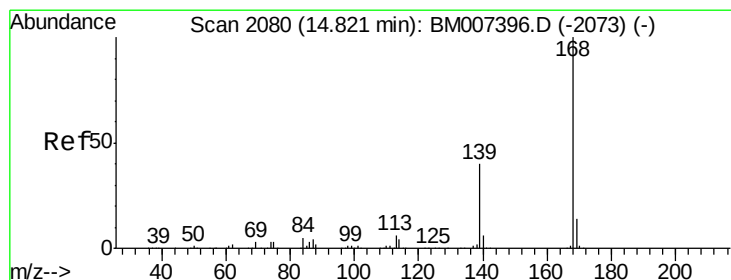
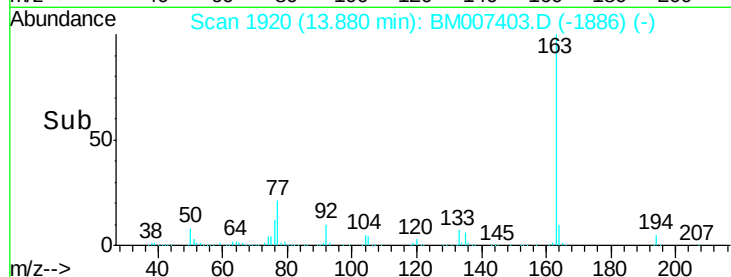
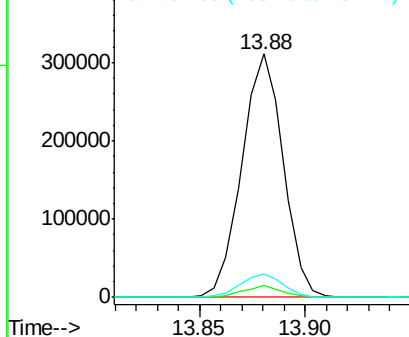
Tgt Ion:	163	Resp:	419723
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.4	5.2
164	9.5	7.8	11.8

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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



#53

Dibenzofuran

Concen: 1.28 ng/ul

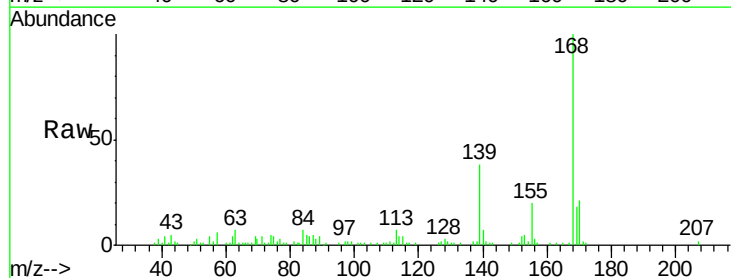
RT: 14.82 min Scan# 2080

Delta R.T. -0.00 min

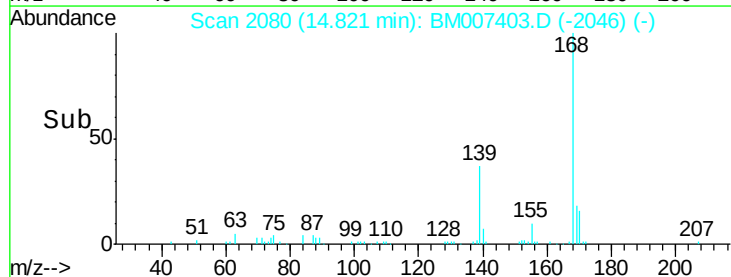
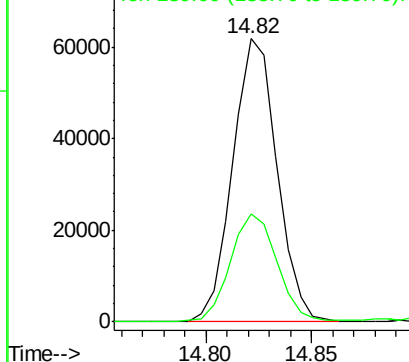
Lab File: BM007403.D

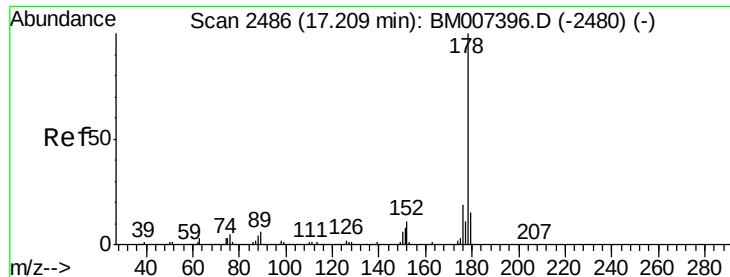
Acq: 03 Sep 2016 12:34

Tgt Ion:	168	Resp:	89950
Ion Ratio	Lower	Upper	
168	100		
139	38.4	30.1	45.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#69

Phenanthrene

Concen: 4.48 ng/ul

RT: 17.21 min Scan# 2486

Delta R.T. -0.00 min

Lab File: BM007403.D

Acq: 03 Sep 2016 12:34

Instrument :

BNA_M

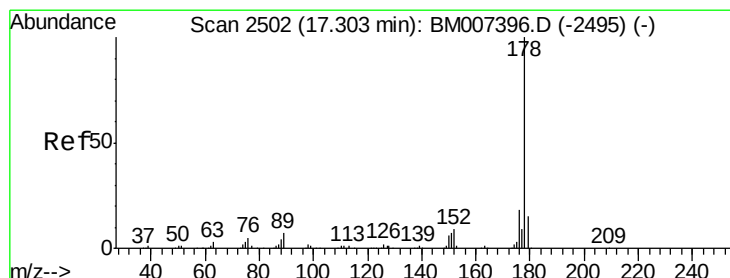
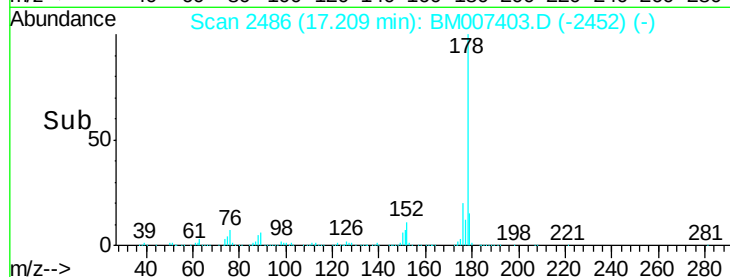
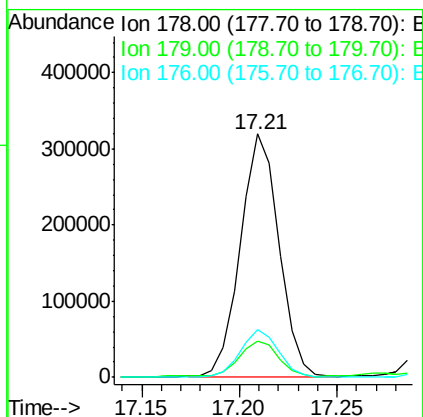
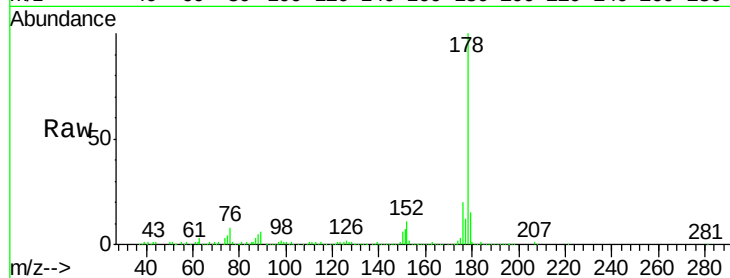
ClientSampleId :

BD385

Tgt Ion:	178	Resp:	435397
Ion Ratio	Lower	Upper	
178	100		
179	14.8	12.2	18.2
176	19.8	15.1	22.7

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#71

Anthracene

Concen: 1.04 ng/ul

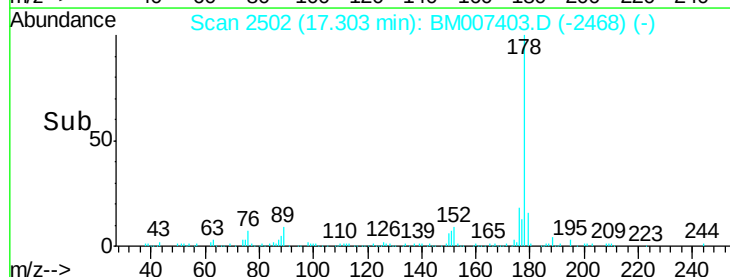
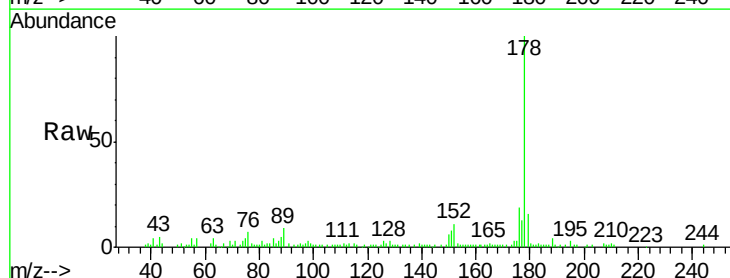
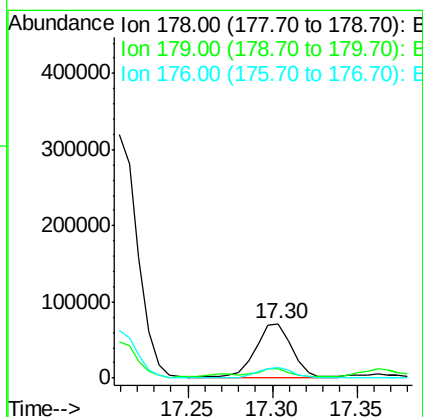
RT: 17.30 min Scan# 2502

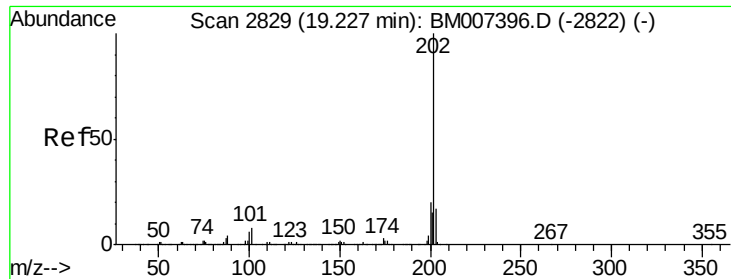
Delta R.T. 0.00 min

Lab File: BM007403.D

Acq: 03 Sep 2016 12:34

Tgt Ion:	178	Resp:	103900
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.1	18.1
176	18.6	14.5	21.7





#74

Fluoranthene

Concen: 13.59 ng/ul

RT: 19.23 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BM007403.D

Acq: 03 Sep 2016 12:34

Instrument :

BNA_M

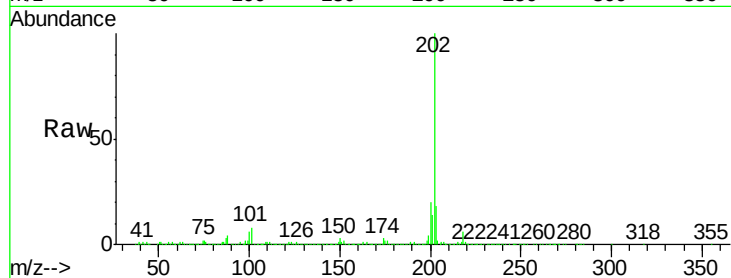
ClientSampleId :

BD385

Tgt Ion:	202	Resp:	1657318
Ion Ratio	Lower	Upper	
202	100		
101	8.1	6.9	10.3
100	6.2	5.4	8.0

Manual Integrations
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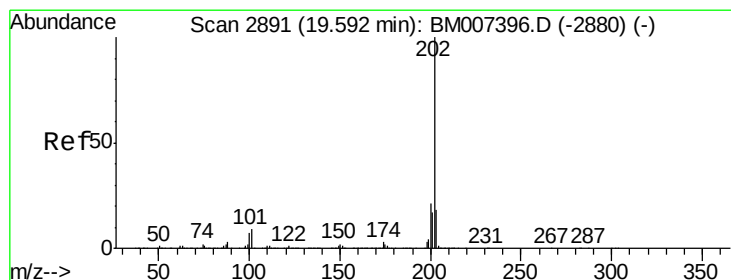
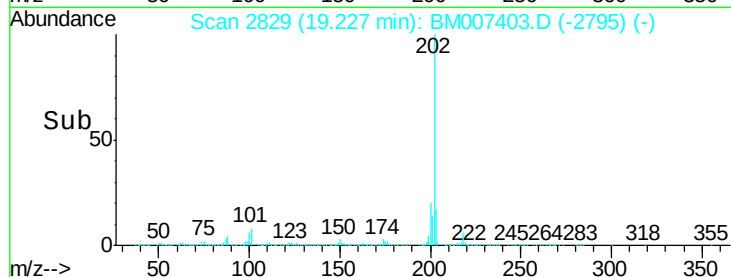
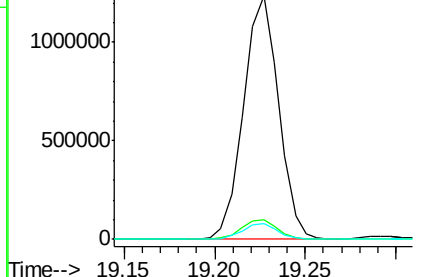
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 6.93 ng/ul

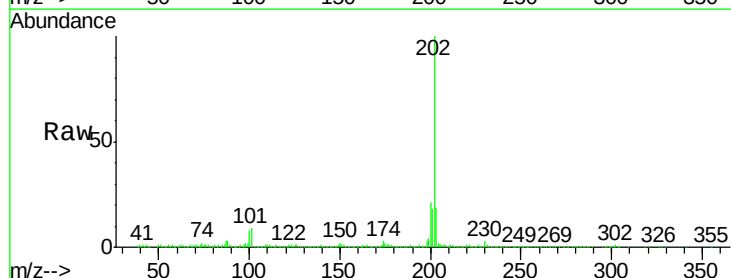
RT: 19.59 min Scan# 2891

Delta R.T. -0.00 min

Lab File: BM007403.D

Acq: 03 Sep 2016 12:34

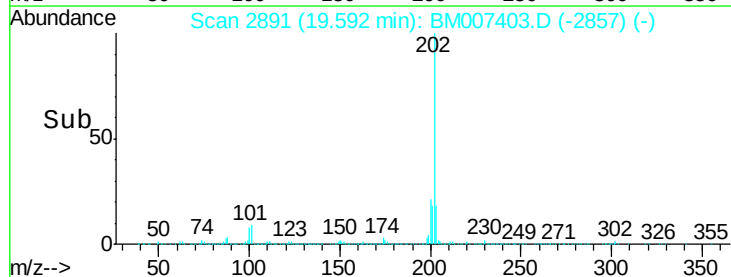
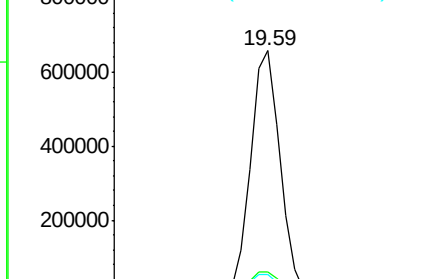
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Ion Ratio	Lower	Upper	
202	100		
101	9.1	8.4	12.6
100	7.8	6.9	10.3

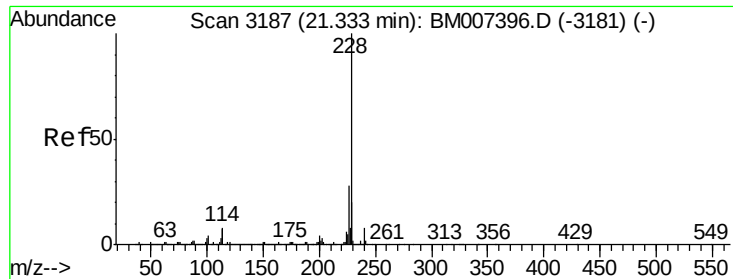


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





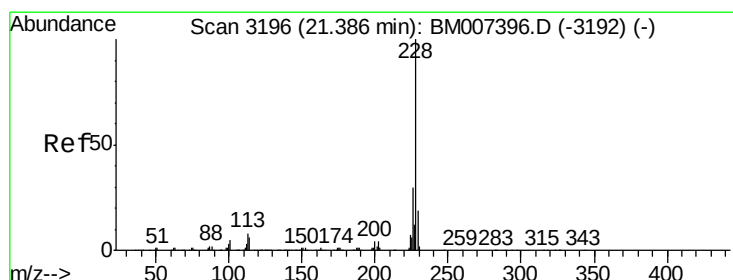
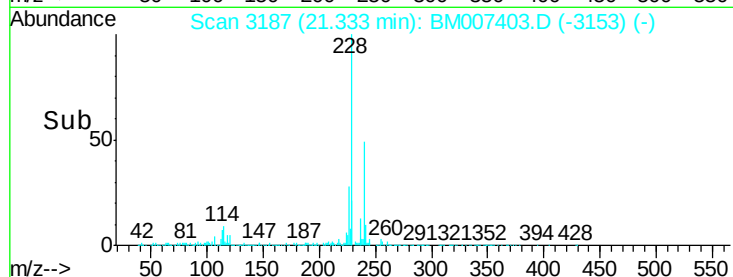
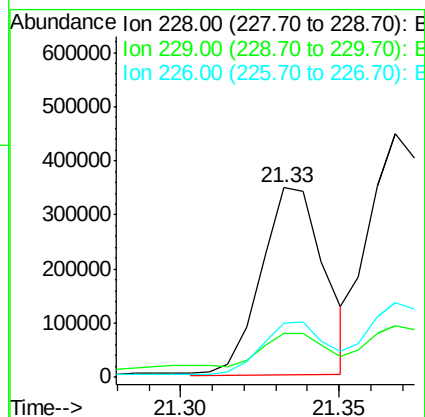
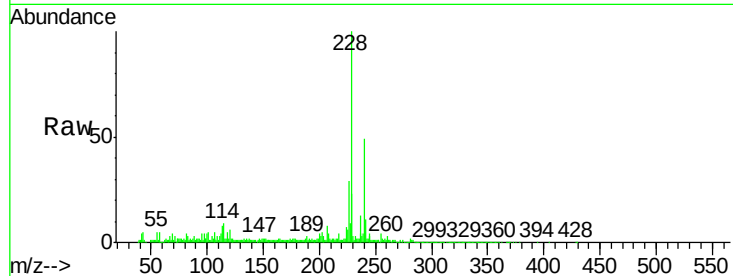
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Benzo(a)anthracene
Concen: 3.41 ng/ul
RT: 21.33 min Scan# 3187
Delta R.T. 0.00 min
Lab File: BM007403.D
Acq: 03 Sep 2016 12:34

Instrument :
BNA_M
ClientSampleId :
BD385

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.3	15.6	23.4
226	28.6	21.8	32.8

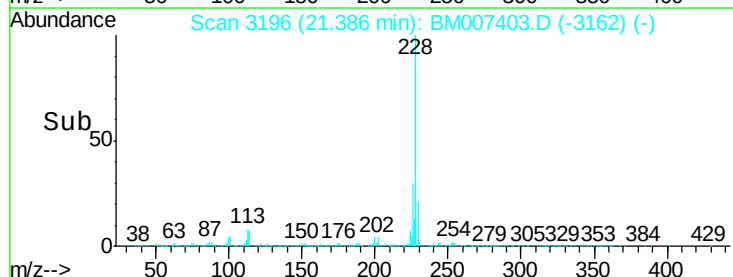
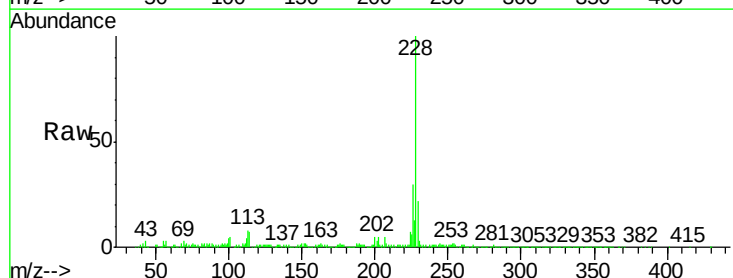
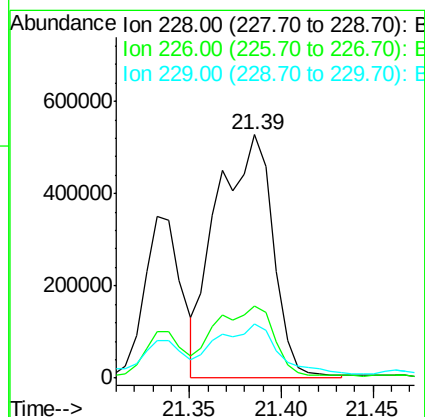
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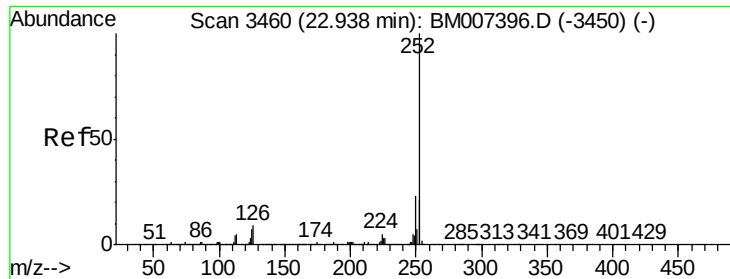
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#82
Chrysene
Concen: 8.82 ng/ul m
RT: 21.39 min Scan# 3196
Delta R.T. -0.00 min
Lab File: BM007403.D
Acq: 03 Sep 2016 12:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	22.1	15.5	23.3





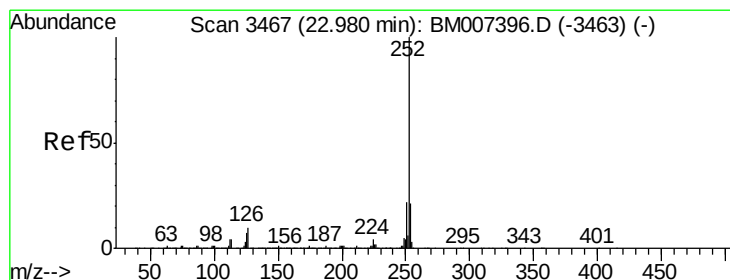
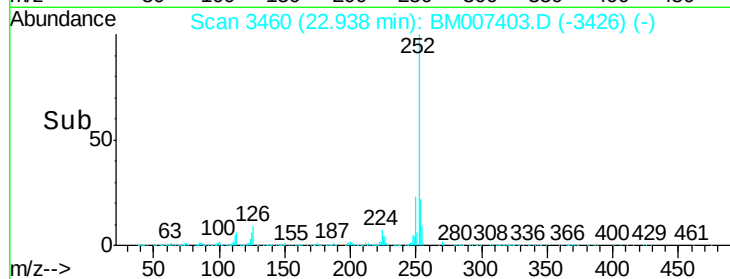
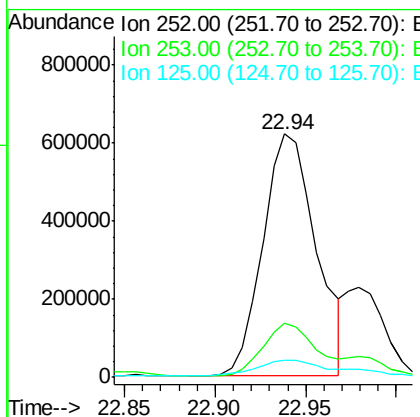
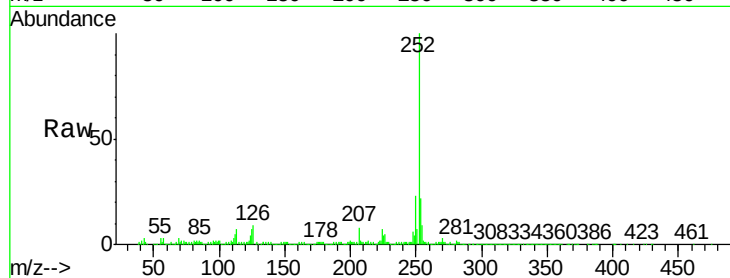
#85
Benzo(b)fluoranthene
Concen: 9.27 ng/ul
RT: 22.94 min Scan# 3460
Delta R.T. -0.00 min
Lab File: BM007403.D
Acq: 03 Sep 2016 12:34

Instrument :
BNA_M
ClientSampleId :
BD385

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	7.2	5.8	8.8

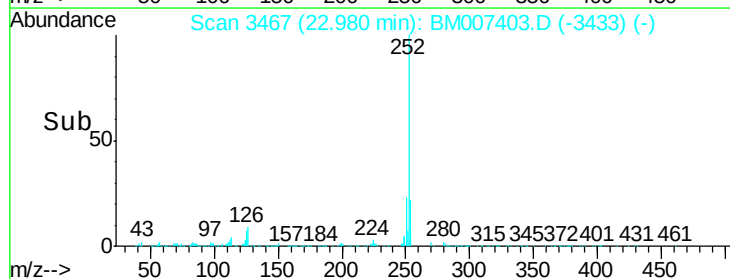
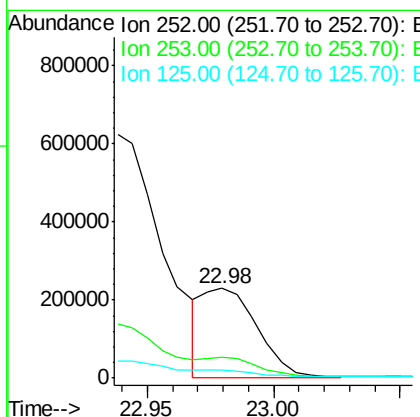
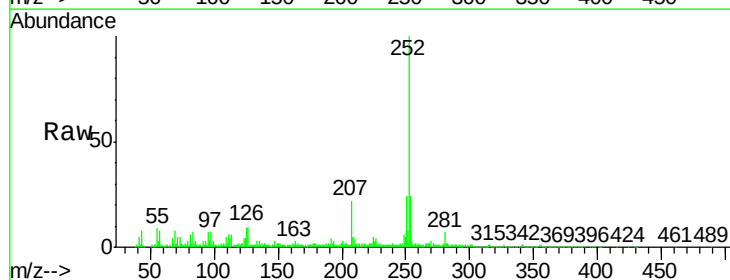
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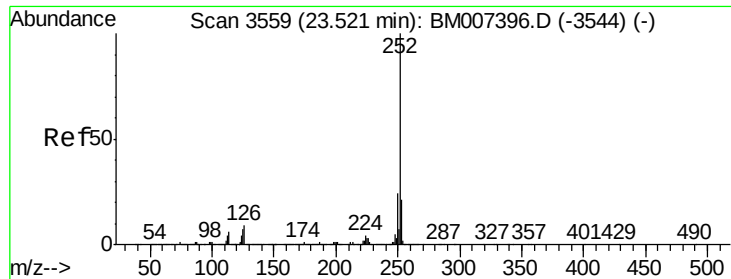
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#86
Benzo(k)fluoranthene
Concen: 2.74 ng/ul m
RT: 22.98 min Scan# 3467
Delta R.T. -0.00 min
Lab File: BM007403.D
Acq: 03 Sep 2016 12:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	9.2	5.7	8.5#





#88

Benzo(a)pyrene

Concen: 1.41 ng/ul

RT: 23.52 min Scan# 3559

Delta R.T. -0.00 min

Lab File: BM007403.D

Acq: 03 Sep 2016 12:34

Instrument :

BNA_M

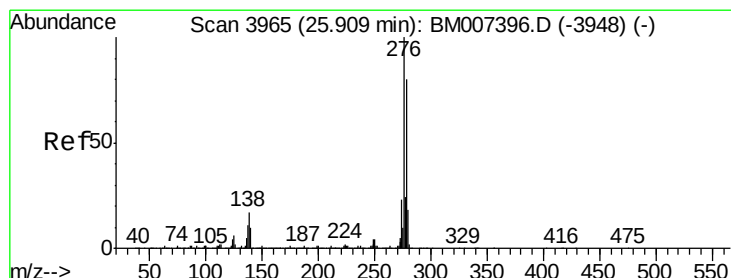
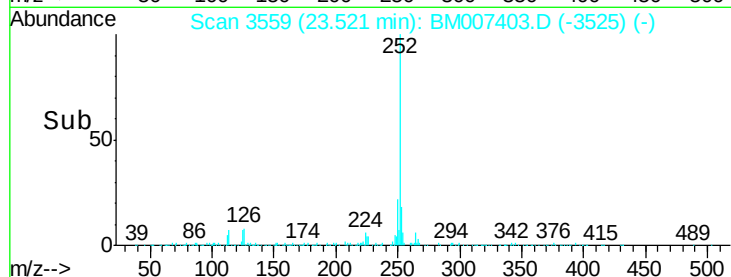
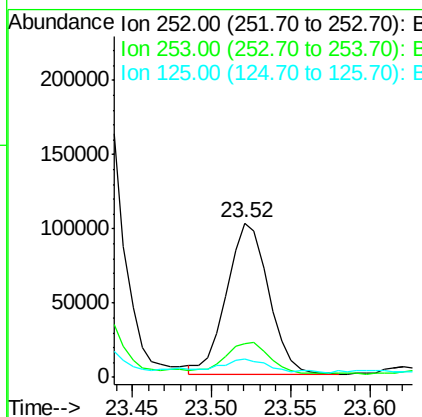
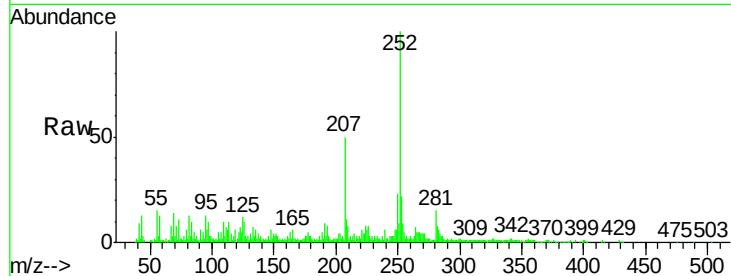
ClientSampleId :

BD385

Tgt Ion:	252	Resp:	185680
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.5	6.6	9.8#

Manual Integrations
APPROVED

sohil
9/6/2016 1:16:42 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.18 ng/ul

RT: 25.91 min Scan# 3965

Delta R.T. -0.00 min

Lab File: BM007403.D

Acq: 03 Sep 2016 12:34

Tgt Ion:	276	Resp:	190963
Ion Ratio		Lower	Upper
276	100		
138	15.4	13.9	20.9
277	25.3	20.1	30.1

