

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
 Data File : BM007386.D
 Acq On : 03 Sep 2016 02:22
 Operator : UM/SJ
 Sample : H4639-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BD383

Manual Integrations
 APPROVED

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Quant Time: Sep 03 03:15:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 03 01:45:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	184353	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	872992	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	608568	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1613523	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2200737	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2263505	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	6728	1.87	ng/uL	0.00
5) Phenol-d5	6.96	99	178533	10.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	109256	11.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	140517	10.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	150566	9.91	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	76629	11.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	92837	12.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	173272	11.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	16844	0.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	716832	13.65	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	821503	13.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	85778	8.65	ng/ul	0.00
57) Fluorene-d10	15.42	176	649017	14.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	110979	10.94	ng/ul	0.00
70) Anthracene-d10	17.26	188	1075270	14.27	ng/ul	0.00
76) Pyrene-d10	19.56	212	1460283	15.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	1502408	14.41	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.88	163	321335	6.14	ng/ul	99
69) Phenanthrene	17.21	178	177016	2.04	ng/ul	99
74) Fluoranthene	19.22	202	342732	3.15	ng/ul	99
77) Pyrene	19.59	202	281011	2.38	ng/ul	98
80) Benzo(a)anthracene	21.33	228	193008m	1.49	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.26	149	129269	1.81	ng/ul#	99
82) Chrysene	21.39	228	373233	3.18	ng/ul	97
85) Benzo(b)fluoranthene	22.93	252	492503	3.68	ng/ul	98
86) Benzo(k)fluoranthene	22.97	252	128239m	1.04	ng/ul	

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

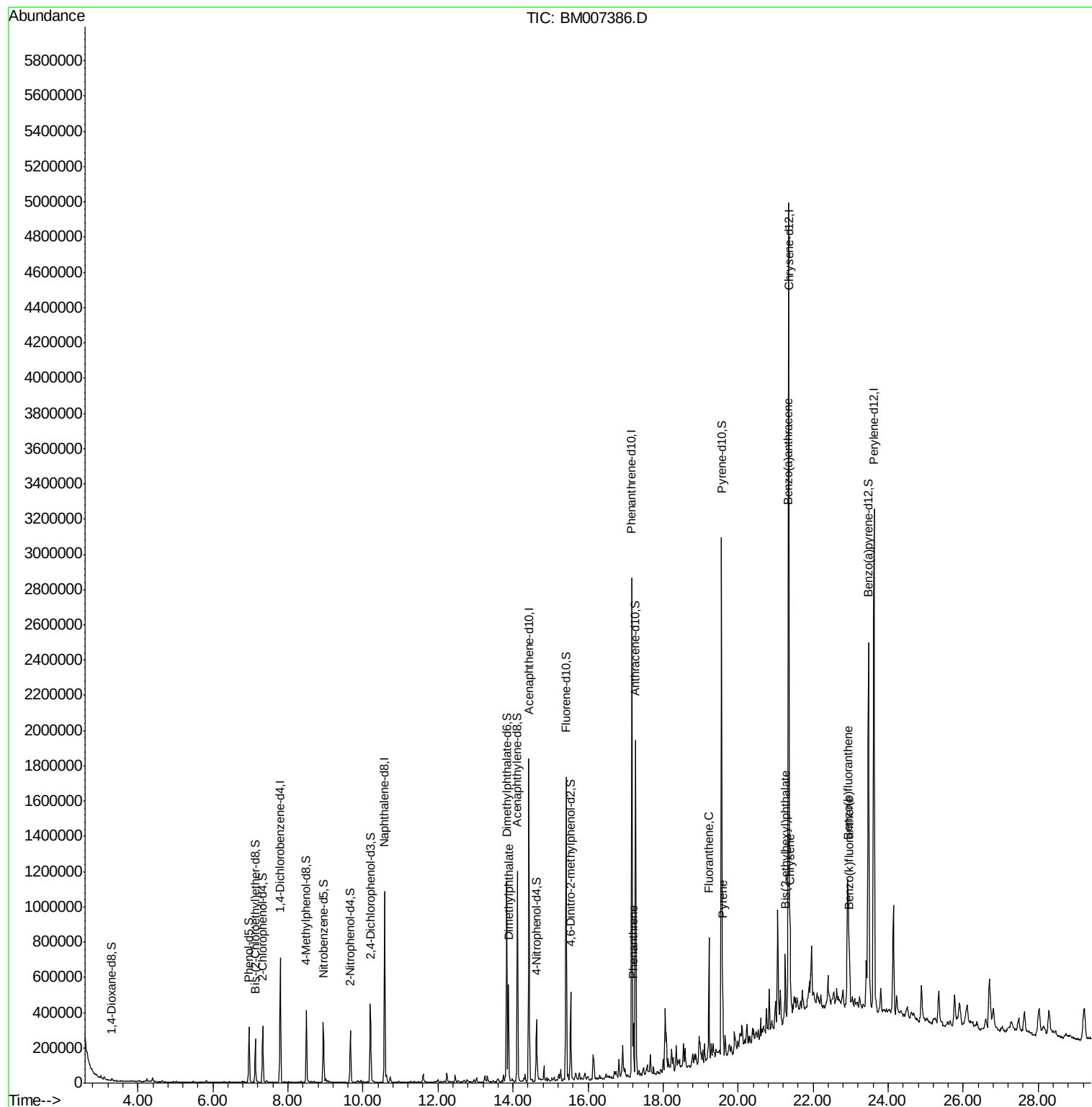
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007386.D
Acq On : 03 Sep 2016 02:22
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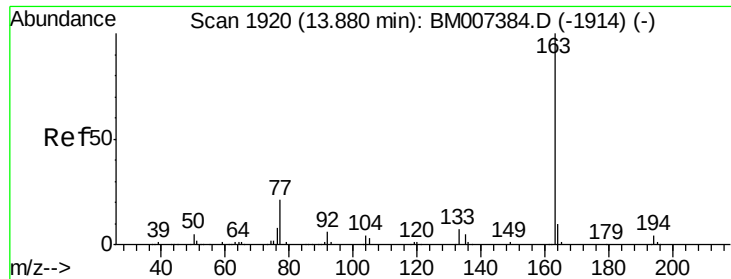
Instrument :
BNA_M
ClientSampleId :
BD383

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Quant Time: Sep 03 03:15:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
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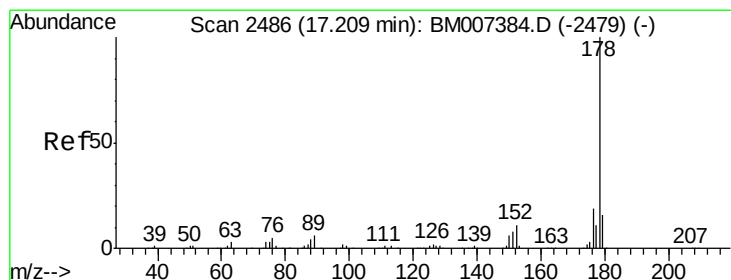
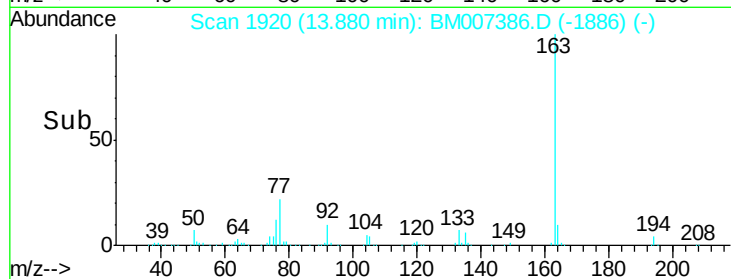
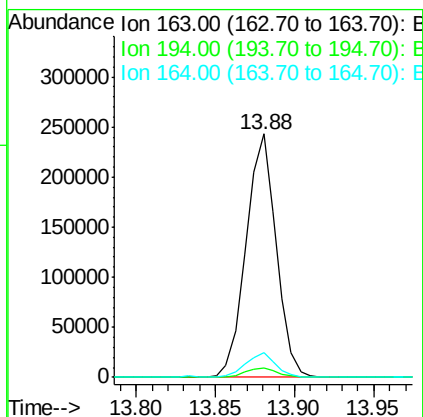
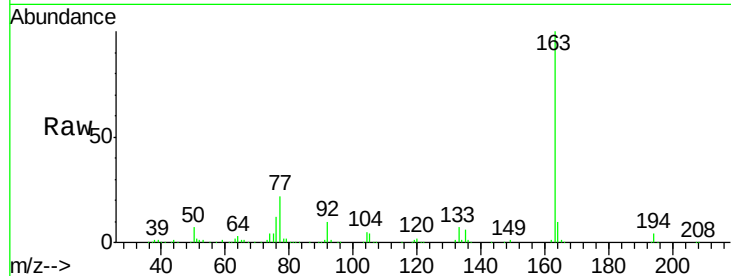
#44
Dimethylphthalate
Concen: 6.14 ng/ul
RT: 13.88 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM007386.D
Acq: 03 Sep 2016 02:22

Instrument :
BNA_M
ClientSampleId :
BD383

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.2
164	9.9	7.8	11.8

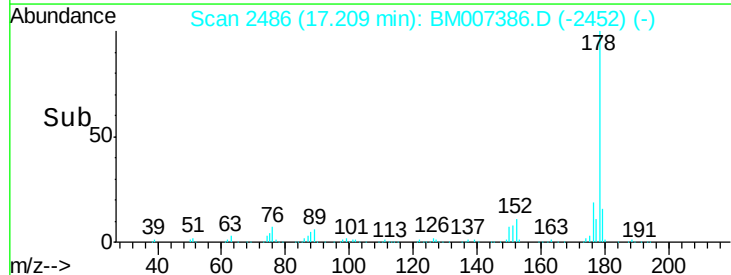
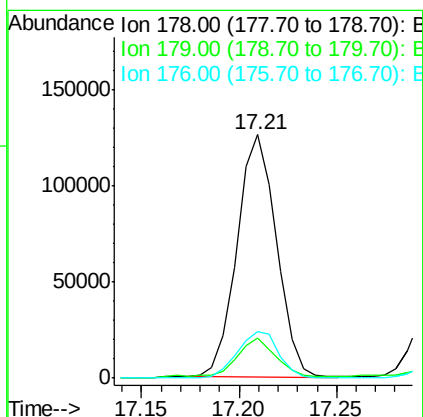
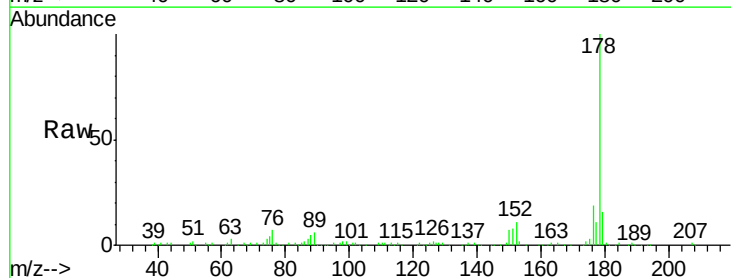
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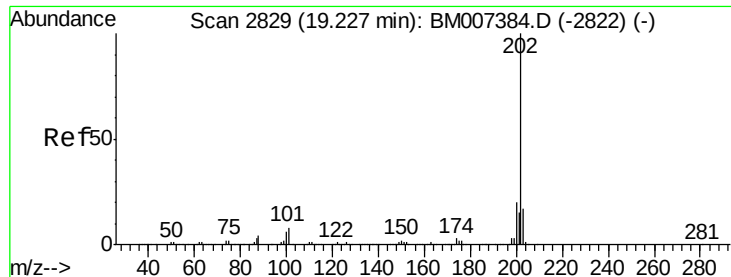
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#69
Phenanthrene
Concen: 2.04 ng/ul
RT: 17.21 min Scan# 2486
Delta R.T. 0.00 min
Lab File: BM007386.D
Acq: 03 Sep 2016 02:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.2	18.2
176	19.1	15.1	22.7





#74

Fluoranthene

Concen: 3.15 ng/ul

RT: 19.22 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM007386.D

Acq: 03 Sep 2016 02:22

Instrument :

BNA_M

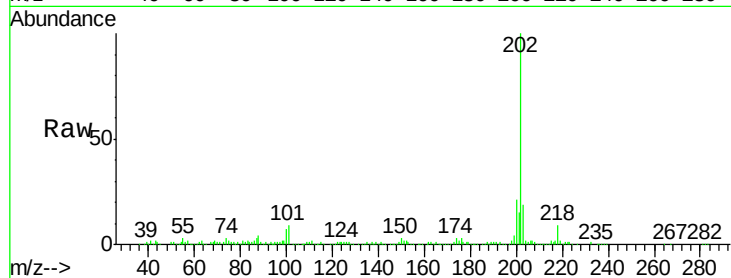
ClientSampleId :

BD383

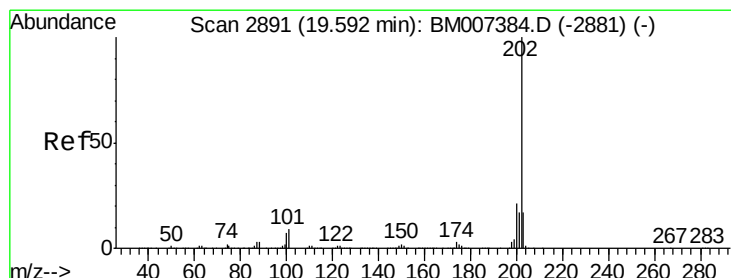
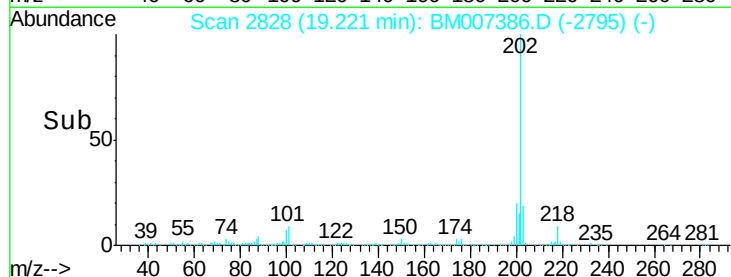
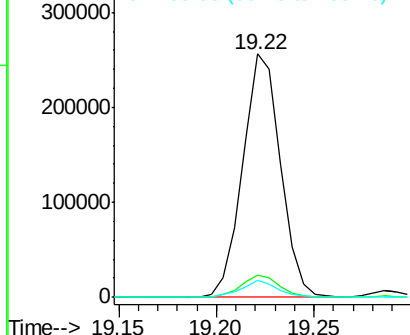
Tgt Ion:	202	Resp:	342732
Ion Ratio	Lower	Upper	
202	100		
101	8.9	6.9	10.3
100	7.0	5.4	8.0

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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: 2.38 ng/ul

RT: 19.59 min Scan# 2890

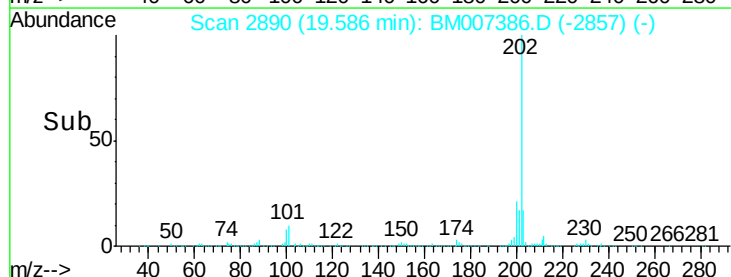
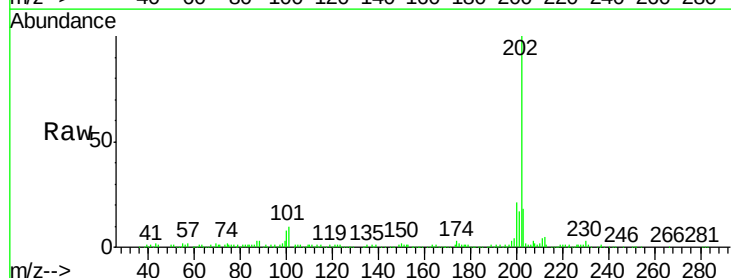
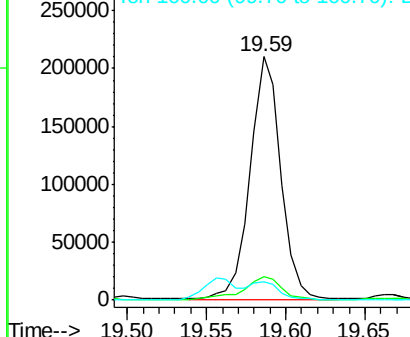
Delta R.T. -0.01 min

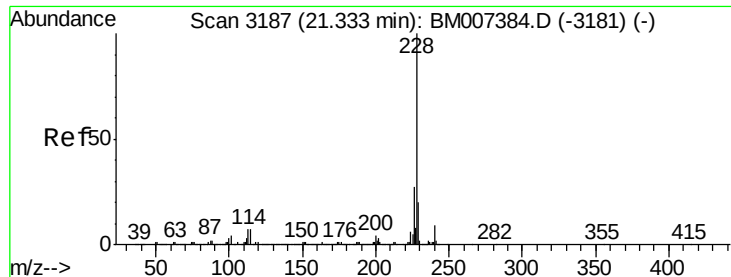
Lab File: BM007386.D

Acq: 03 Sep 2016 02:22

Tgt Ion:	202	Resp:	281011
Ion Ratio	Lower	Upper	
202	100		
101	9.9	8.4	12.6
100	7.5	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





#80

Benzo(a)anthracene

Concen: 1.49 ng/ul m

RT: 21.33 min Scan# 3187

Delta R.T. 0.00 min

Lab File: BM007386.D

Acq: 03 Sep 2016 02:22

Instrument :

BNA_M

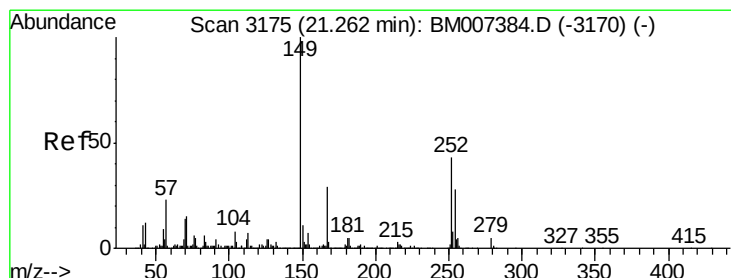
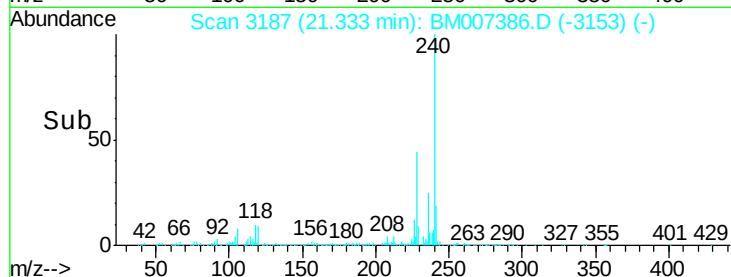
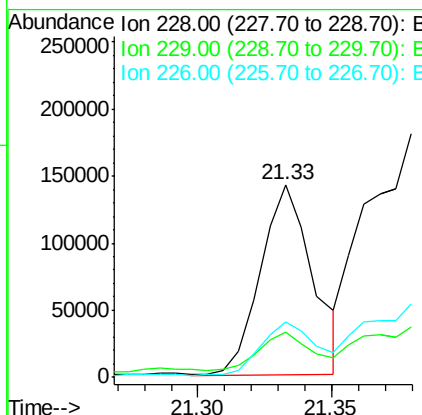
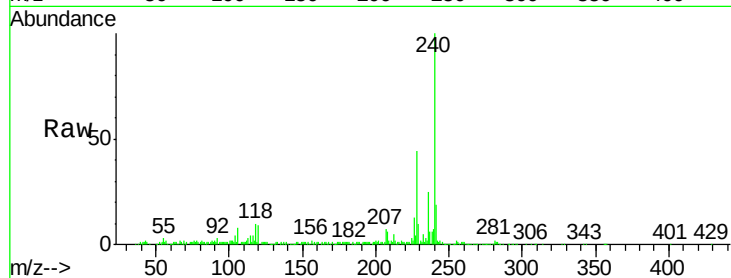
ClientSampled :

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Tgt Ion:	228	Resp:	193008
Ion Ratio	Lower	Upper	
228	100		
229	23.5	15.6	23.4#
226	28.6	21.8	32.8

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#81

Bis(2-ethylhexyl)phthalate

Concen: 1.81 ng/ul

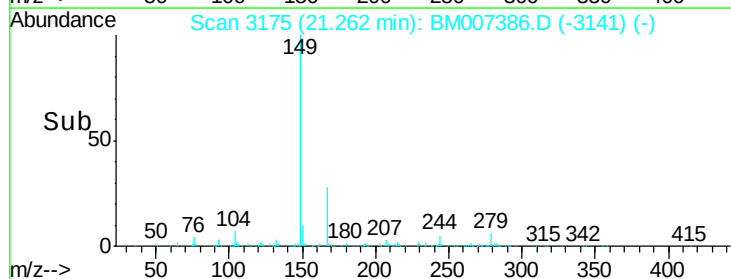
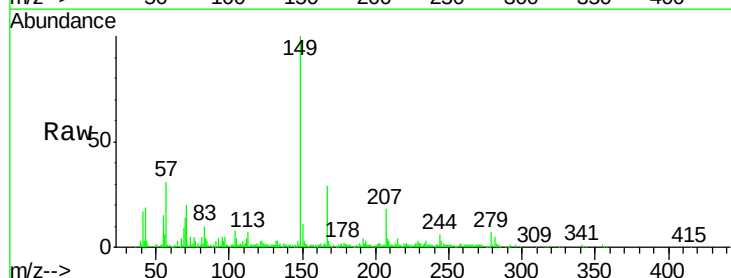
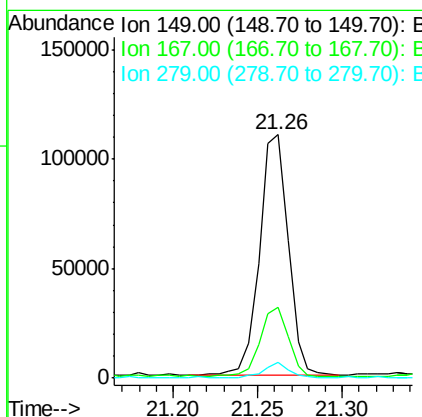
RT: 21.26 min Scan# 3175

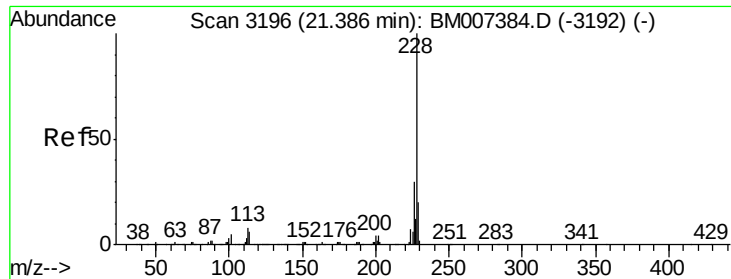
Delta R.T. 0.00 min

Lab File: BM007386.D

Acq: 03 Sep 2016 02:22

Tgt Ion:	149	Resp:	129269
Ion Ratio	Lower	Upper	
149	100		
167	29.0	23.2	34.8
279	6.7	4.1	6.1#





#82

Chrysene

Concen: 3.18 ng/ul

RT: 21.39 min Scan# 3196

Delta R.T. 0.00 min

Lab File: BM007386.D

Acq: 03 Sep 2016 02:22

Instrument :

BNA_M

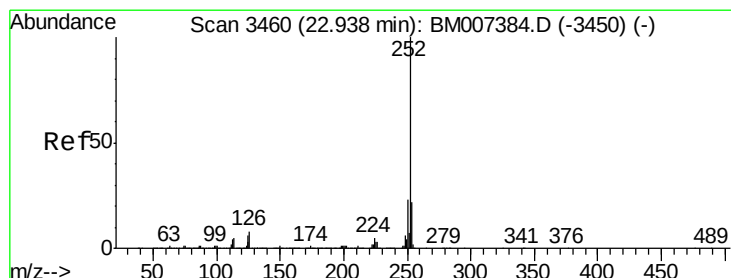
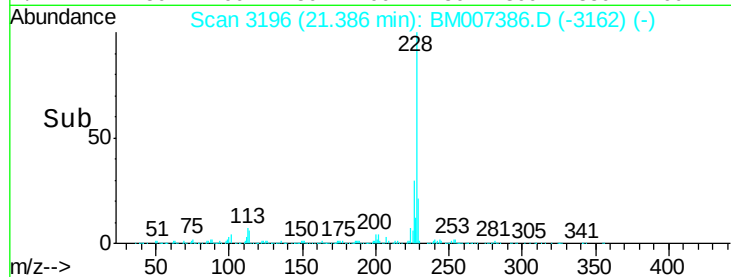
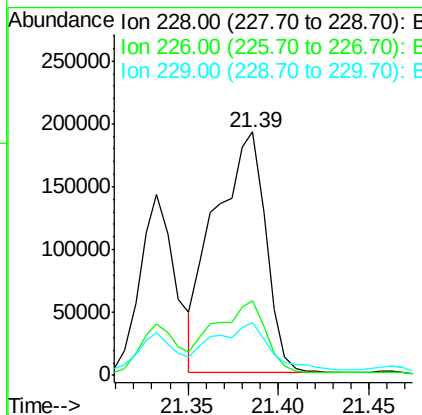
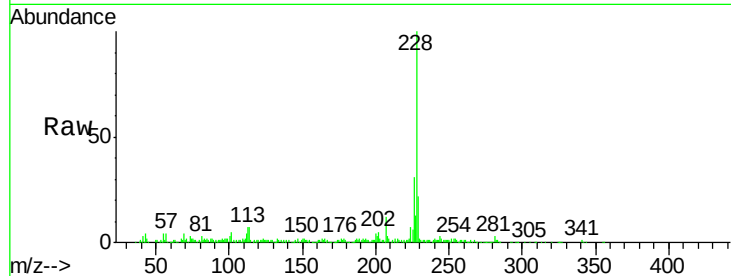
ClientSampled :

BD383

Tgt Ion:	228	Resp:	373233
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.4	35.2
229	21.6	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 3.68 ng/ul

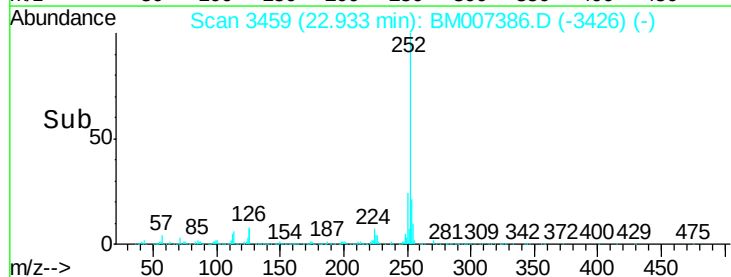
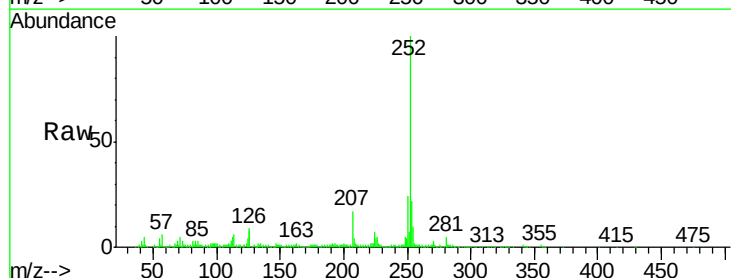
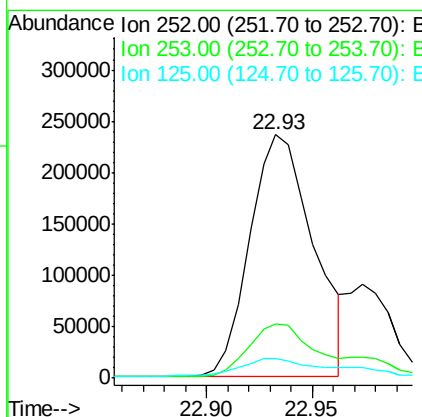
RT: 22.93 min Scan# 3459

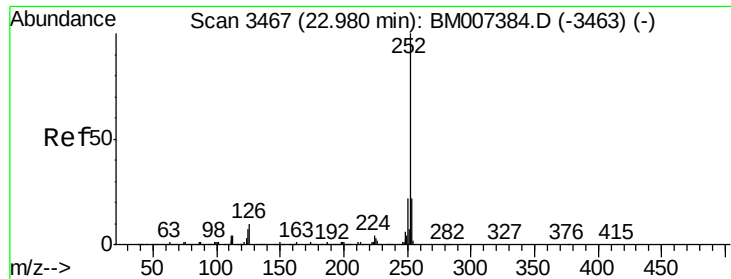
Delta R.T. -0.01 min

Lab File: BM007386.D

Acq: 03 Sep 2016 02:22

Tgt Ion:	252	Resp:	492503
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.1	25.7
125	8.2	5.8	8.8





#86
 Benzo(k)fluoranthene
 Concen: 1.04 ng/ul m
 RT: 22.97 min Scan# 3466
 Delta R.T. -0.01 min
 Lab File: BM007386.D
 Acq: 03 Sep 2016 02:22

Instrument :
 BNA_M
 ClientSampleId :
 BD383

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.8	17.6	26.4
125	11.2	5.7	8.5

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