

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
 Data File : BM010448.D
 Acq On : 09 Jun 2017 11:52
 Operator : SJ/MA
 Sample : I3521-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5B88

Manual Integrations
 APPROVED

mohammad
 6/12/2017 11:17:49 AM

Quant Time: Jun 10 01:56:02 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 10 01:45:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	247078	20.00	ng/ul	0.00
18) Naphthalene-d8	10.71	136	939370	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	620904	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1443244	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1573003	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1580683	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	18827	3.13	ng/uL	0.00
5) Phenol-d5	7.09	99	317679	16.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	180718	17.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.44	132	267898	17.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	267645	17.72	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	129397	18.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	155538	19.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	323579	19.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	335109	21.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	1125852	21.82	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	1213721	20.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.78	143	76923	9.97	ng/ul	0.00
57) Fluorene-d10	15.53	176	956608	21.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	122845	12.02	ng/ul	0.00
70) Anthracene-d10	17.39	188	1424763	20.29	ng/ul	0.00
76) Pyrene-d10	19.67	212	1633891	25.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	1534337	20.85	ng/ul	0.00
Target Compounds						
6) Phenol	7.12	94	29263	1.525	ng/ul#	79
44) Dimethylphthalate	14.00	163	643530	12.684	ng/ul	99
74) Fluoranthene	19.34	202	451966	4.770	ng/ul#	96
77) Pyrene	19.70	202	481398	5.939	ng/ul#	95
80) Benzo(a)anthracene	21.44	228	289616	3.265	ng/ul	96
82) Chrysene	21.49	228	325298	4.057	ng/ul	98
85) Benzo(b)fluoranthene	23.08	252	598600	6.508	ng/ul	94
86) Benzo(k)fluoranthene	23.13	252	145712m	1.658	ng/ul	
88) Benzo(a)pyrene	23.69	252	277161m	3.040	ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.18	276	218630	1.898	ng/ul	98
91) Benzo(g,h,i)perylene	26.92	276	176576	1.861	ng/ul	94

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

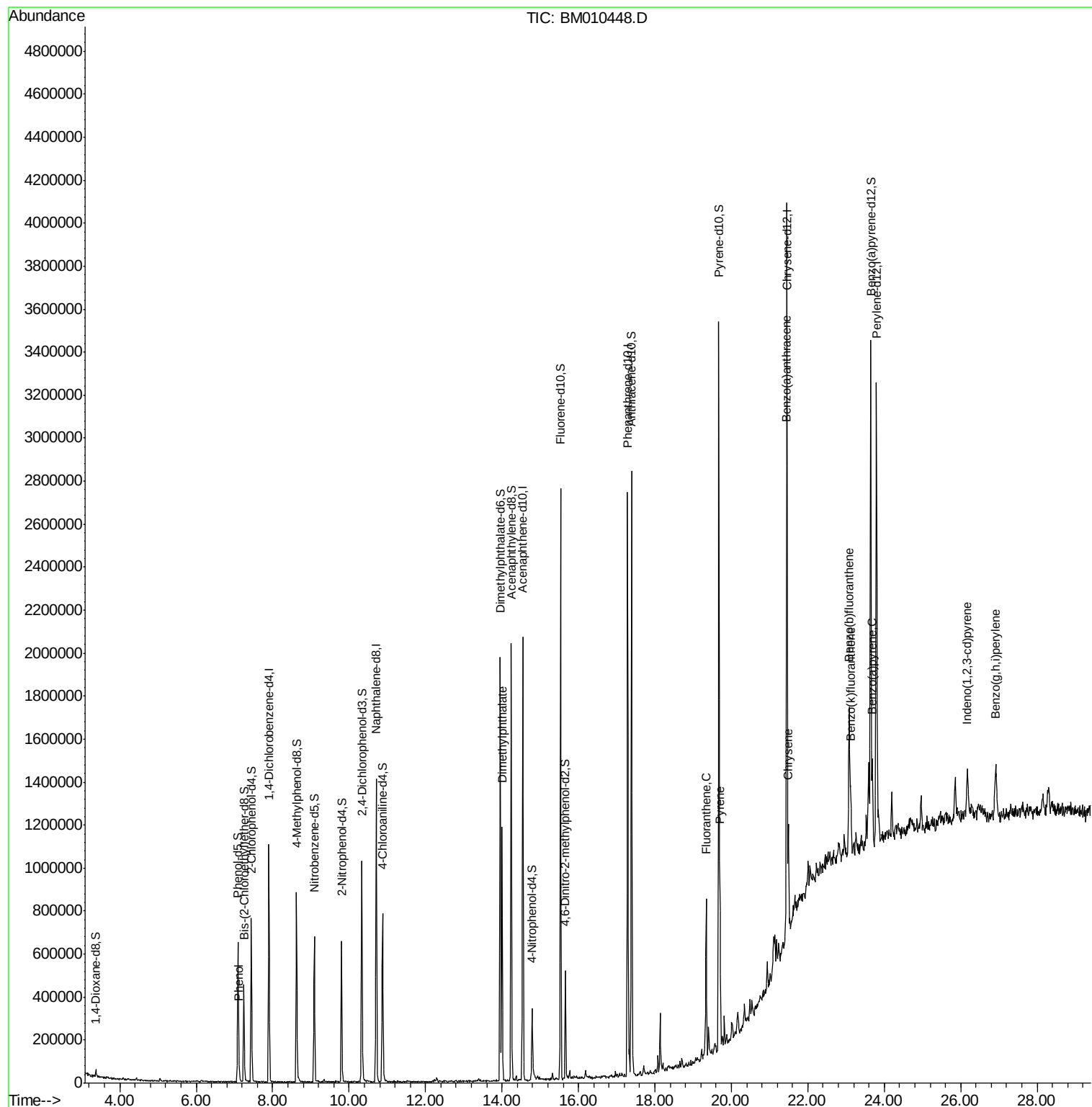
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
Data File : BM010448.D
Acq On : 09 Jun 2017 11:52
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ALS Vial : 4 Sample Multiplier: 1

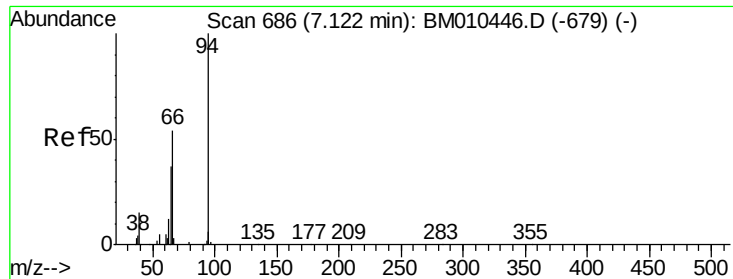
Instrument :
BNA_M
ClientSampleId :
F5B88

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Quant Time: Jun 10 01:56:02 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 10 01:45:58 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.525 ng/ul

RT: 7.12 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM010448.D

Acq: 09 Jun 2017 11:52

Instrument :

BNA_M

ClientSampleId :

F5B88

Tgt Ion: 94 Resp: 29263

Ion Ratio Lower Upper

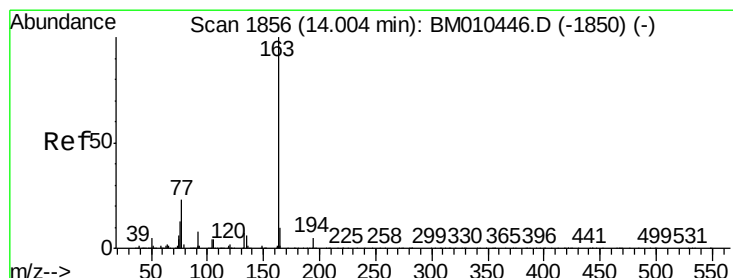
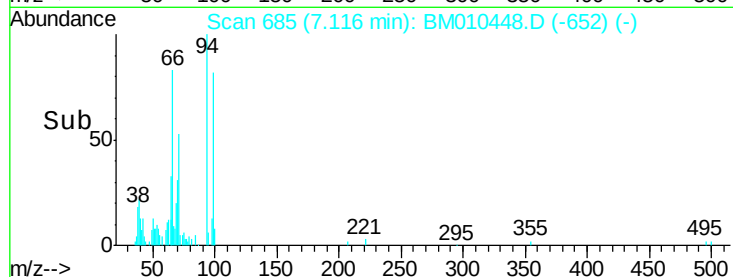
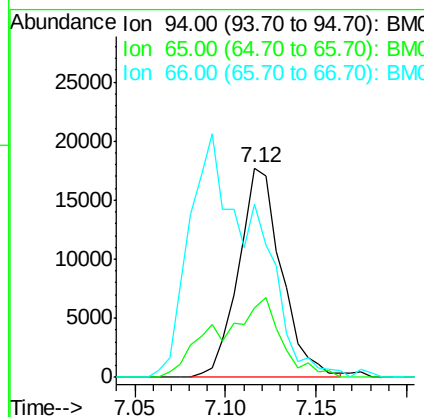
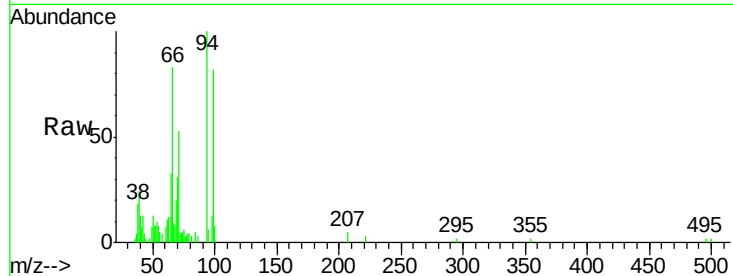
94 100

65 33.3 28.2 42.4

66 83.0 47.2 70.8#

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#44

Dimethylphthalate

Concen: 12.684 ng/ul

RT: 14.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BM010448.D

Acq: 09 Jun 2017 11:52

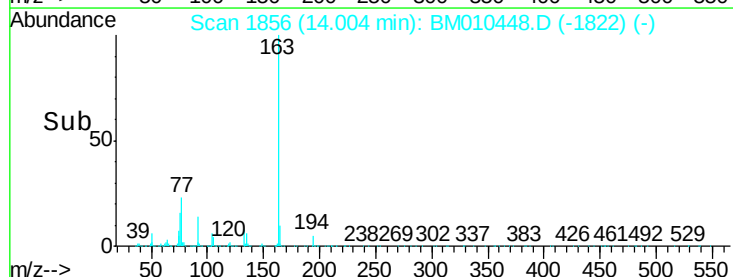
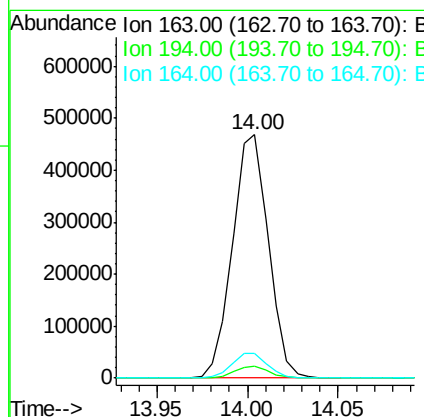
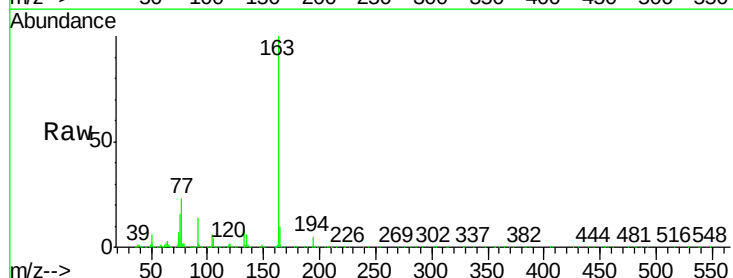
Tgt Ion: 163 Resp: 643530

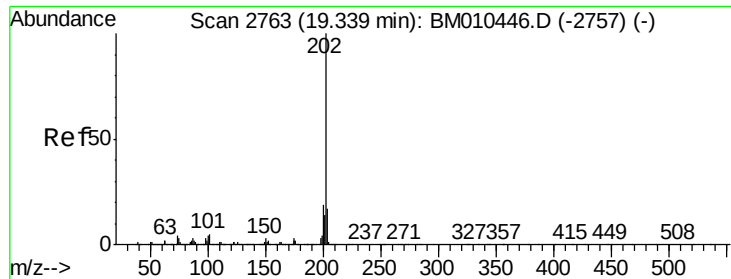
Ion Ratio Lower Upper

163 100

194 5.1 3.5 5.3

164 10.0 8.2 12.4





#74

Fluoranthene

Concen: 4.770 ng/ul

RT: 19.34 min Scan# 2763

Delta R.T. 0.00 min

Lab File: BM010448.D

Acq: 09 Jun 2017 11:52

Instrument :

BNA_M

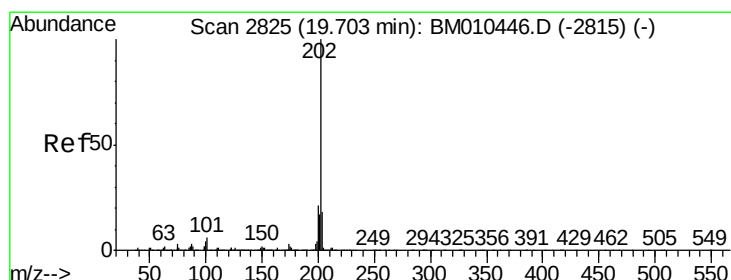
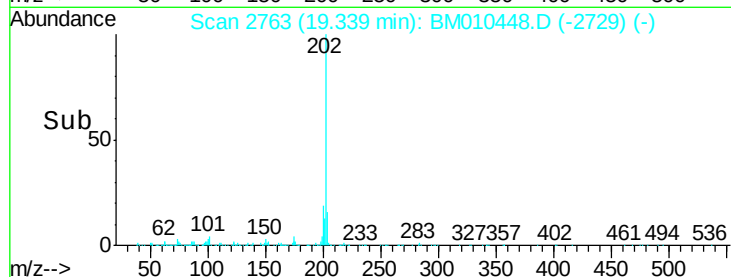
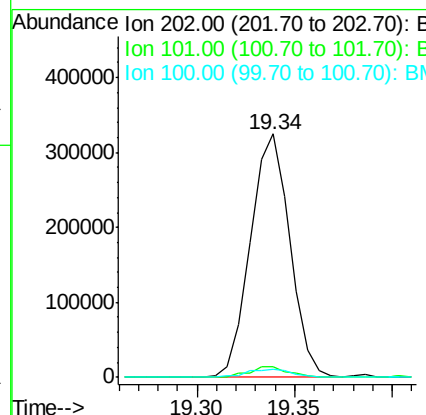
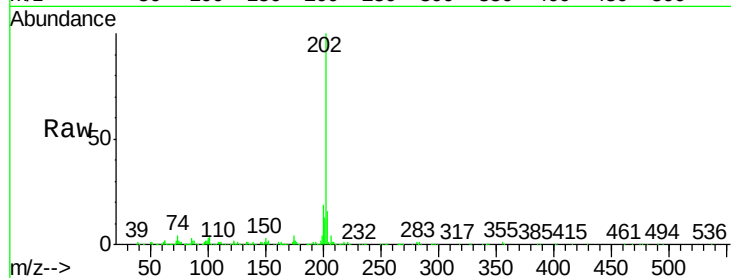
ClientSampled :

F5B88

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		451966		
101	4.4	4.6	7.0#		
100	3.3	3.4	5.2#		

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#77

Pyrene

Concen: 5.939 ng/ul

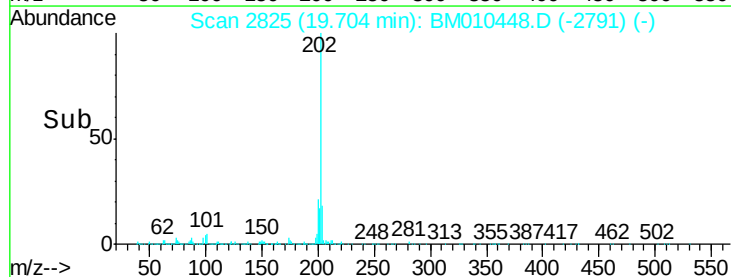
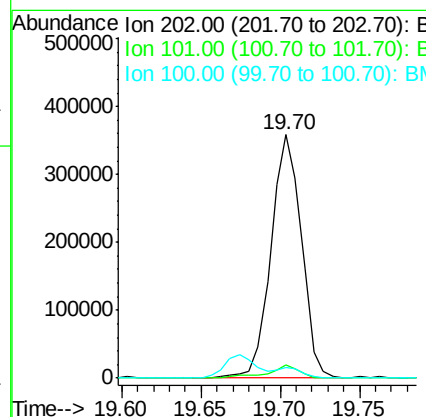
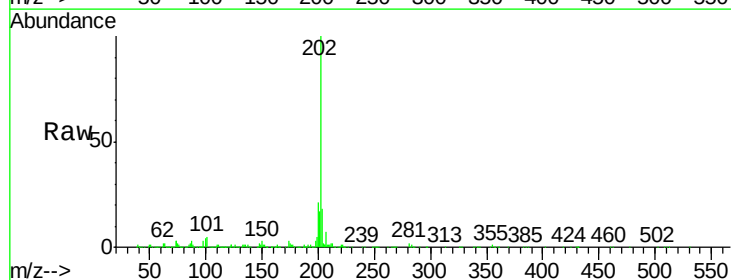
RT: 19.70 min Scan# 2825

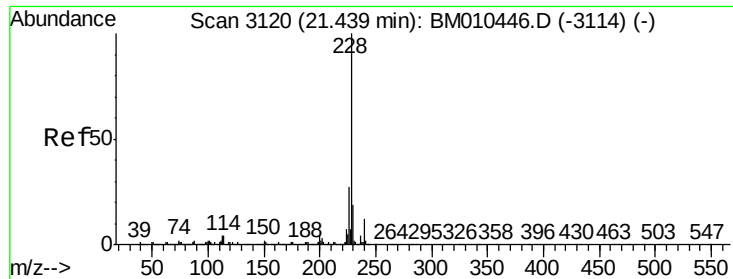
Delta R.T. 0.00 min

Lab File: BM010448.D

Acq: 09 Jun 2017 11:52

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		481398		
101	5.2	5.1	7.7		
100	4.2	4.9	7.3#		





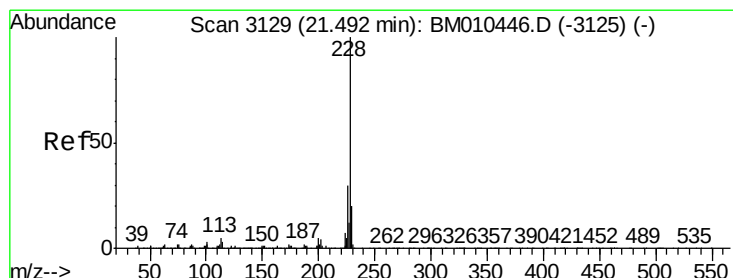
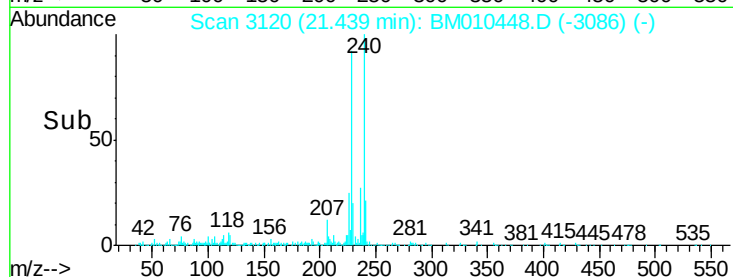
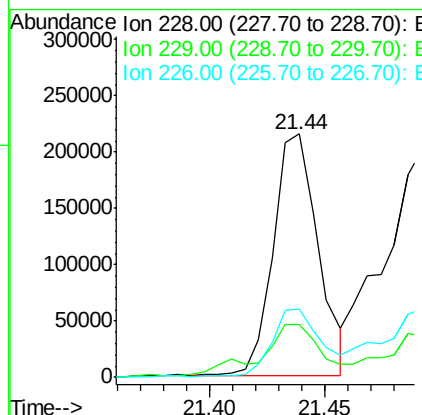
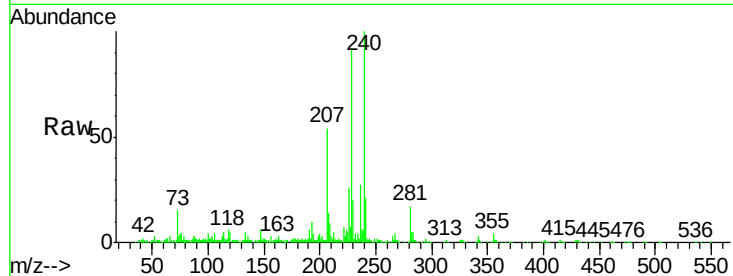
#80
Benzo(a)anthracene
Concen: 3.265 ng/ul
RT: 21.44 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BM010448.D
Acq: 09 Jun 2017 11:52

Instrument :
BNA_M
ClientSampled :
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Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.7	15.4	23.0
226	28.0	21.4	32.0

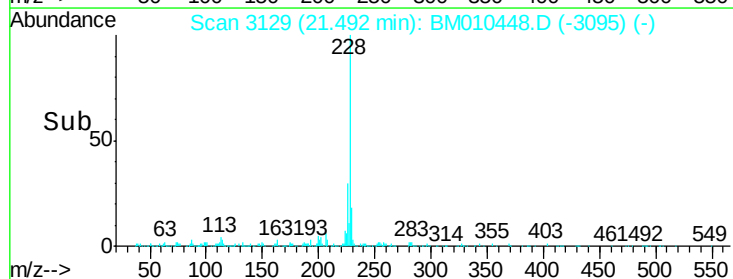
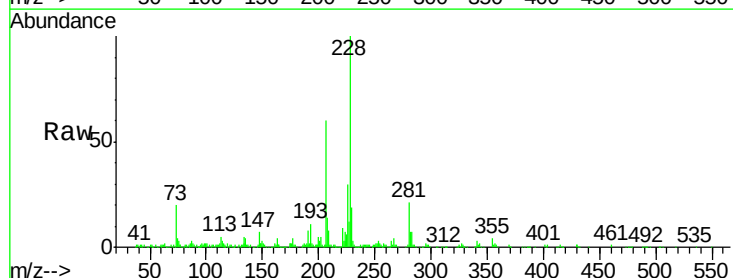
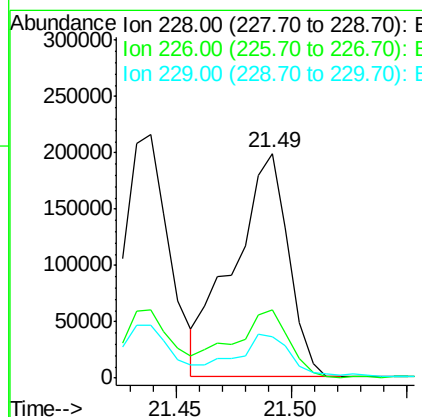
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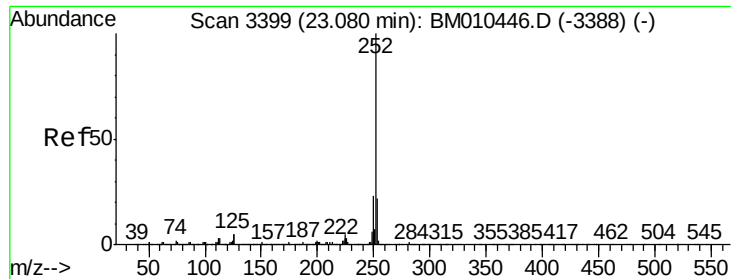
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#82
Chrysene
Concen: 4.057 ng/ul
RT: 21.49 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BM010448.D
Acq: 09 Jun 2017 11:52

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.2	23.4	35.2
229	18.6	15.5	23.3





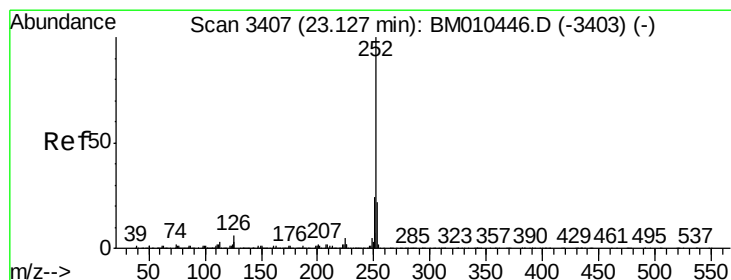
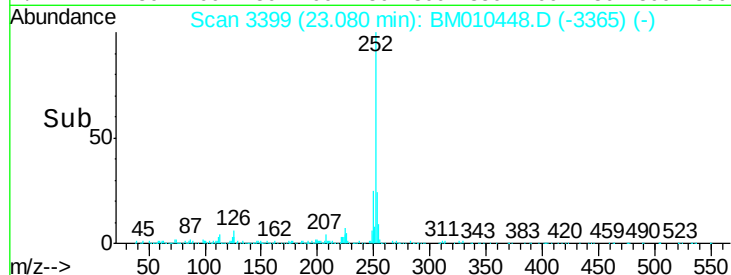
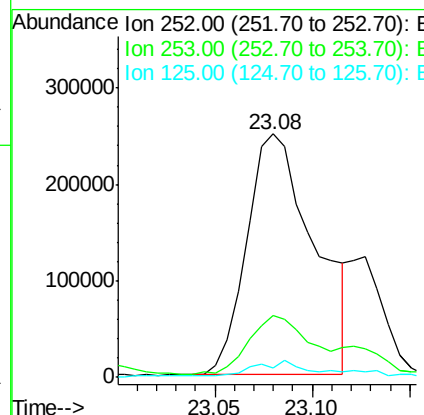
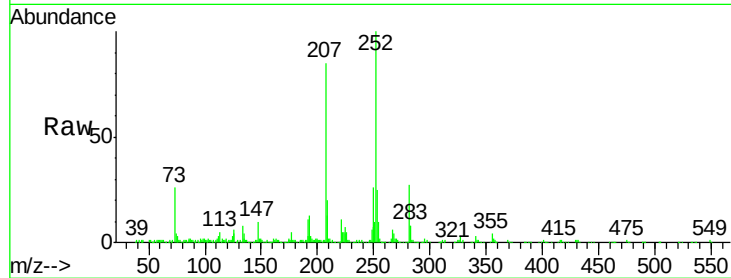
#85
Benzo(b)fluoranthene
Concen: 6.508 ng/ul
RT: 23.08 min Scan# 3399
Delta R.T. 0.00 min
Lab File: BM010448.D
Acq: 09 Jun 2017 11:52

Instrument :
BNA_M
ClientSampleId :
F5B88

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.4	17.9	26.9
125	3.7	3.6	5.4

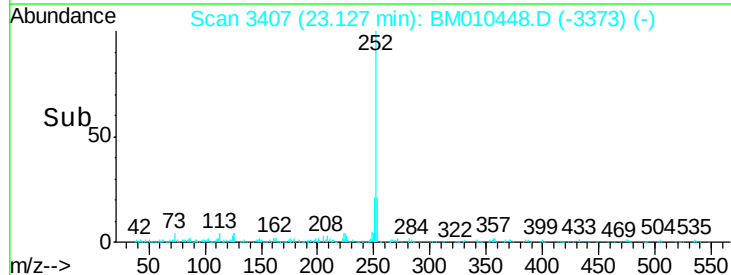
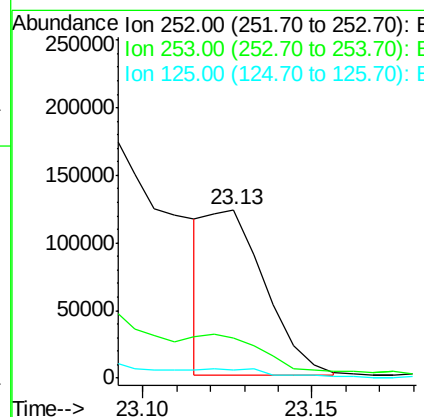
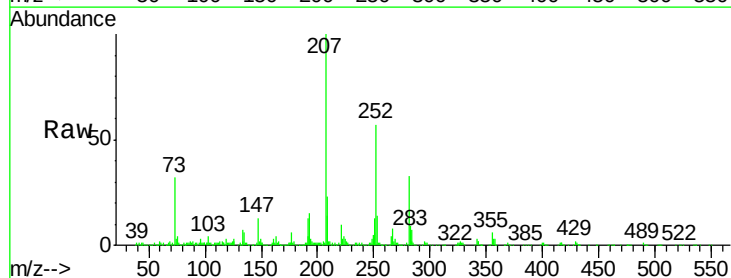
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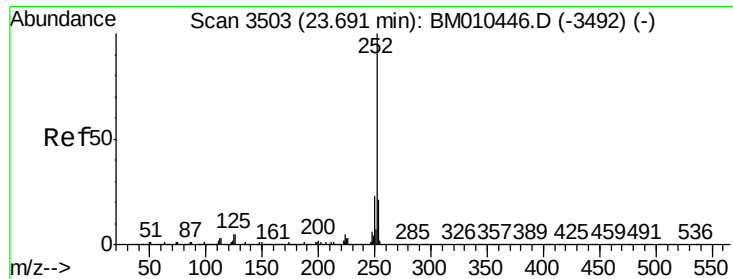
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#86
Benzo(k)fluoranthene
Concen: 1.658 ng/ul m
RT: 23.13 min Scan# 3407
Delta R.T. 0.00 min
Lab File: BM010448.D
Acq: 09 Jun 2017 11:52

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	17.1	25.7
125	4.5	3.4	5.2





#88

Benzo(a)pyrene

Concen: 3.040 ng/ul m

RT: 23.69 min Scan# 3503

Delta R.T. 0.00 min

Lab File: BM010448.D

Acq: 09 Jun 2017 11:52

Instrument :

BNA_M

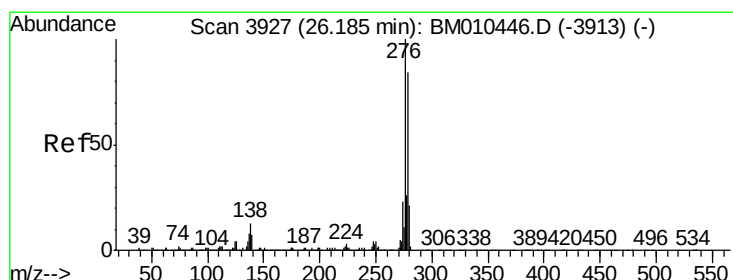
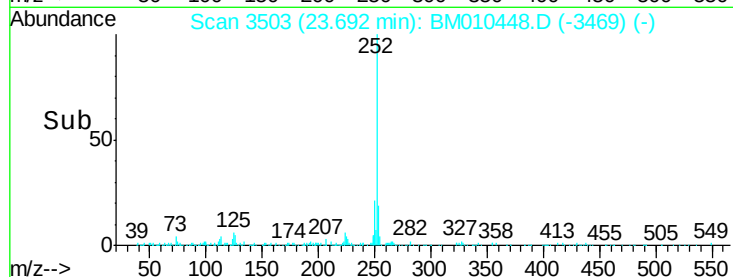
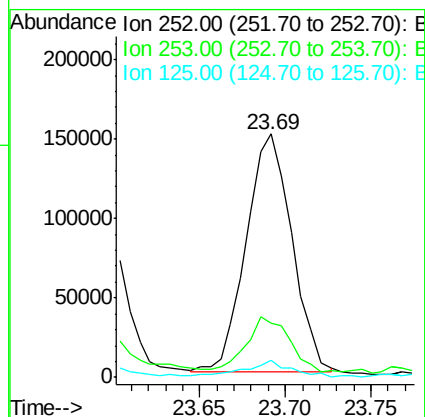
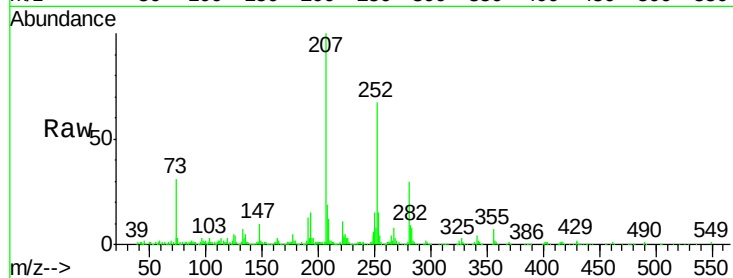
ClientSampleId :

F5B88

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	277161		
253	22.1	18.2	27.2	
125	6.9	4.0	6.0#	

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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.898 ng/ul

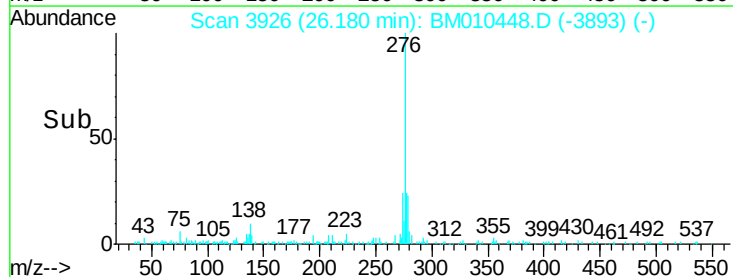
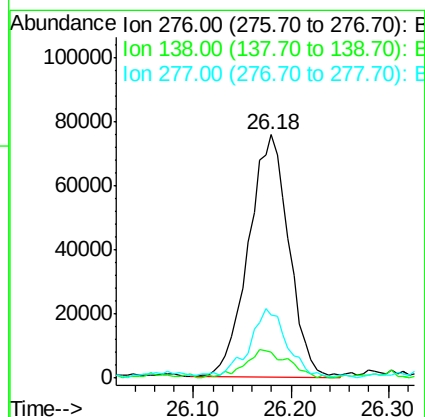
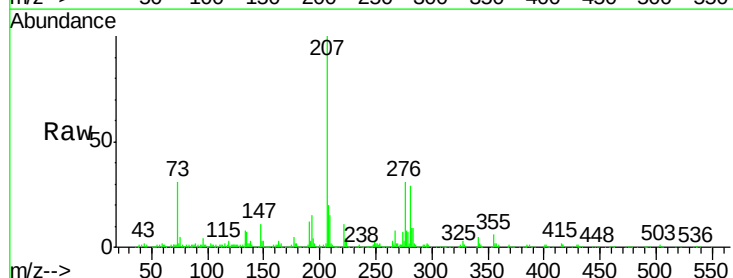
RT: 26.18 min Scan# 3926

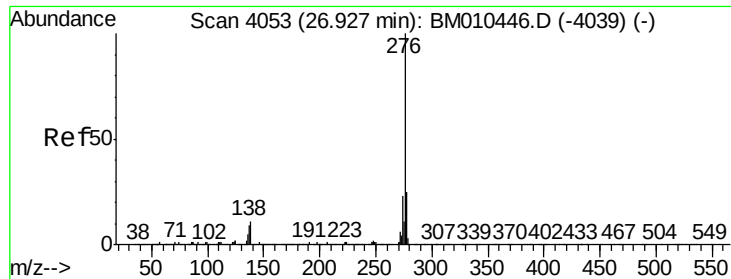
Delta R.T. -0.01 min

Lab File: BM010448.D

Acq: 09 Jun 2017 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	218630		
138	10.7	9.3	13.9	
277	25.7	19.9	29.9	





#91
 Benzo(g,h,i)perylene
 Concen: 1.861 ng/ul
 RT: 26.92 min Scan# 4052
 Delta R.T. -0.01 min
 Lab File: BM010448.D
 Acq: 09 Jun 2017 11:52

Instrument :
 BNA_M
 ClientSampleId :
 F5B88

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	10.8	8.5	12.7
277	27.3	18.6	28.0

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