

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
 Data File : BM010473.D
 Acq On : 10 Jun 2017 02:51
 Operator : SJ/MA
 Sample : I3520-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5B77

Manual Integrations
 APPROVED

mohammad
 6/12/2017 11:18:34 AM

Quant Time: Jun 10 04:17:49 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 10 02:32:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	274766	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	1043553	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	714123	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1732210	20.00	ng/ul	0.00
75) Chrysene-d12	21.45	240	1884499	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1711233	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	24986	3.73	ng/uL	0.00
5) Phenol-d5	7.09	99	439474	21.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	254404	21.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.44	132	394953	23.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	357440	21.28	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	181504	23.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	231400	26.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	472529	25.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	206789	11.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	1628090	27.44	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	1792396	25.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.78	143	173336	19.53	ng/ul	0.00
57) Fluorene-d10	15.53	176	1392203	26.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	266800	21.74	ng/ul	0.00
70) Anthracene-d10	17.38	188	2237631	26.55	ng/ul	0.00
76) Pyrene-d10	19.67	212	2590629	33.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	2061394	25.87	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.12	94	31534	1.477	ng/ul#	87
44) Dimethylphthalate	14.00	163	708334	12.139	ng/ul	99
69) Phenanthrene	17.33	178	95526	1.033	ng/ul#	94
74) Fluoranthene	19.33	202	1069981	9.409	ng/ul	98
77) Pyrene	19.70	202	1066504	10.982	ng/ul#	94
80) Benzo(a)anthracene	21.43	228	579720	5.455	ng/ul	98
82) Chrysene	21.49	228	861105	8.964	ng/ul	97
85) Benzo(b)fluoranthene	23.07	252	1108997	11.137	ng/ul	99
86) Benzo(k)fluoranthene	23.12	252	309166m	3.250	ng/ul	
88) Benzo(a)pyrene	23.69	252	391060	3.962	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.17	276	304408	2.441	ng/ul#	93
91) Benzo(g,h,i)perylene	26.90	276	212814	2.072	ng/ul#	96

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

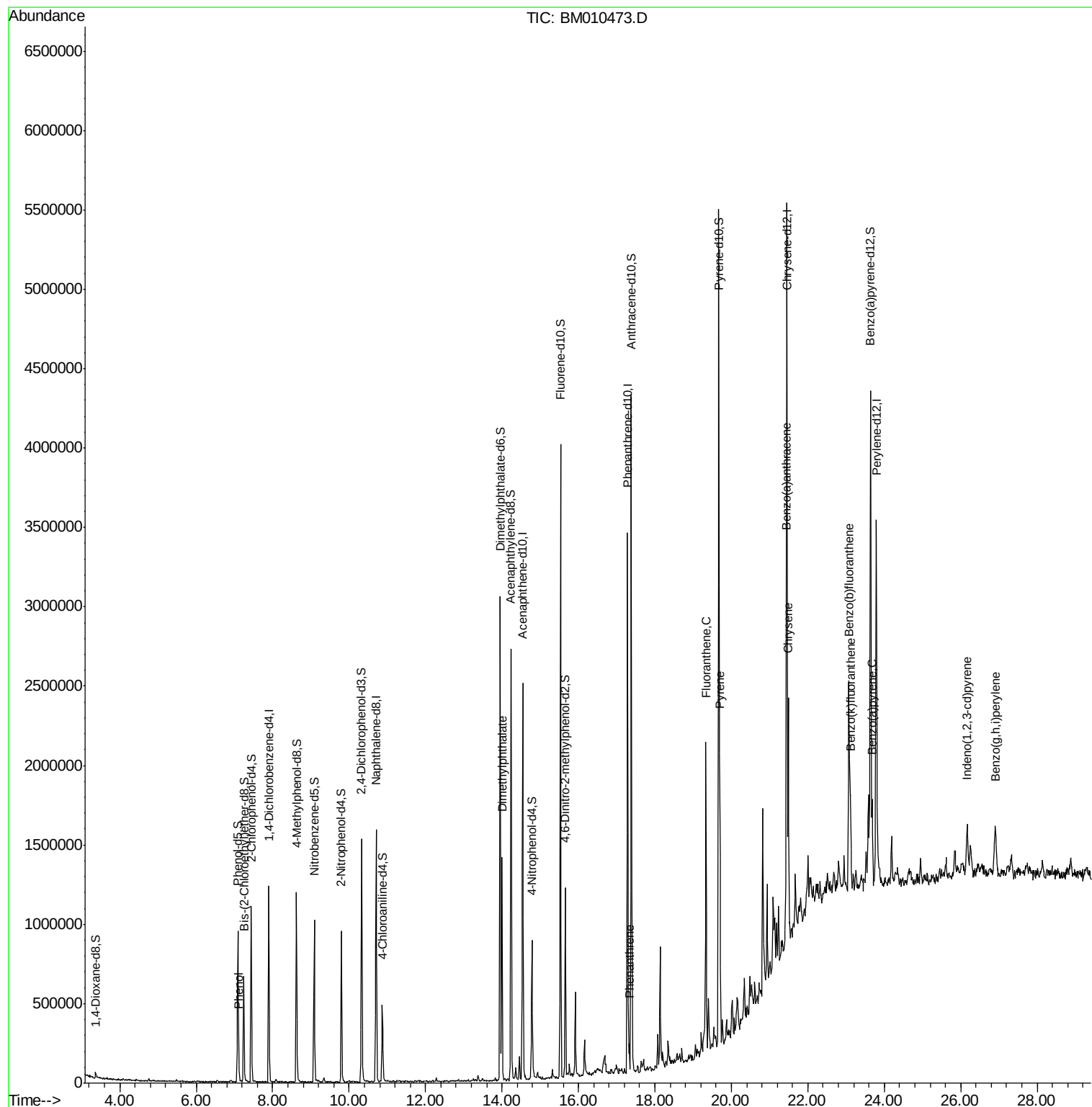
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
Data File : BM010473.D
Acq On : 10 Jun 2017 02:51
Operator : SJ/MA
Sample : I3520-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

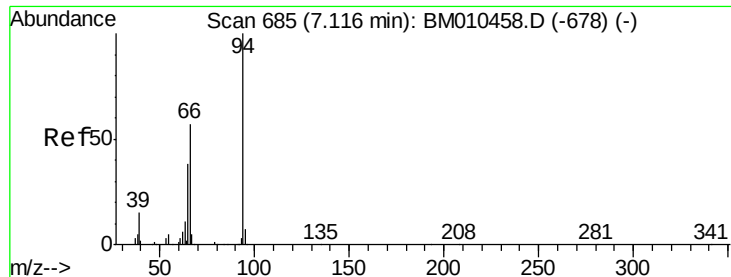
Instrument :
BNA_M
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Quant Time: Jun 10 04:17:49 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 10 02:32:05 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.477 ng/ul

RT: 7.12 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM010473.D

Acq: 10 Jun 2017 02:51

Instrument :

BNA_M

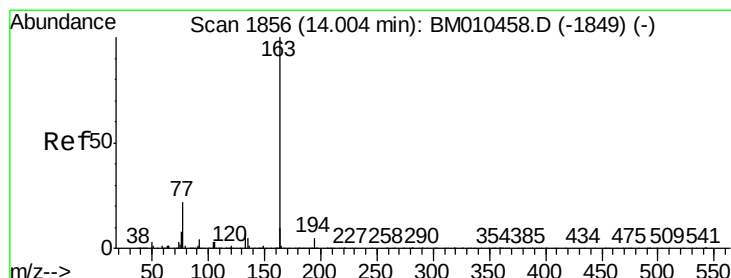
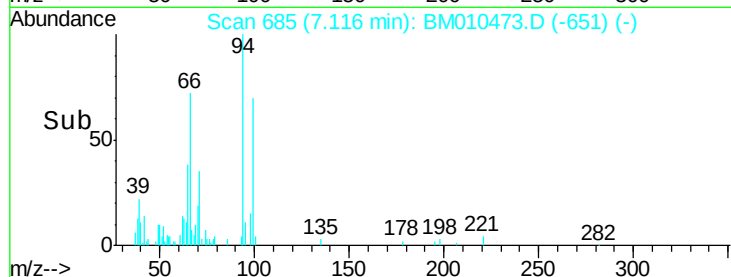
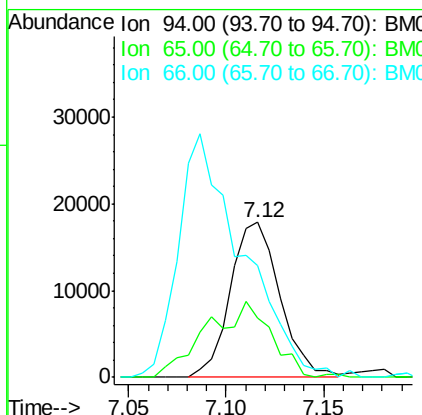
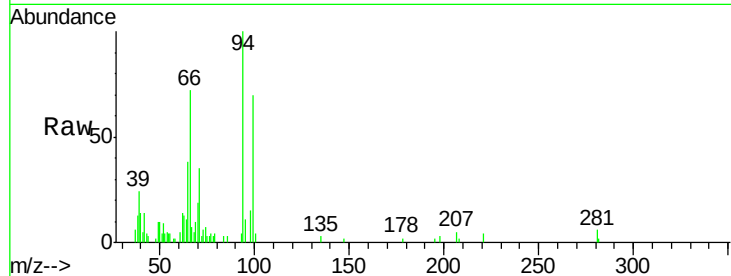
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
94	100	31534		
65	38.2	28.2	42.4	
66	72.2	47.2	70.8	

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#44

Dimethylphthalate

Concen: 12.139 ng/ul

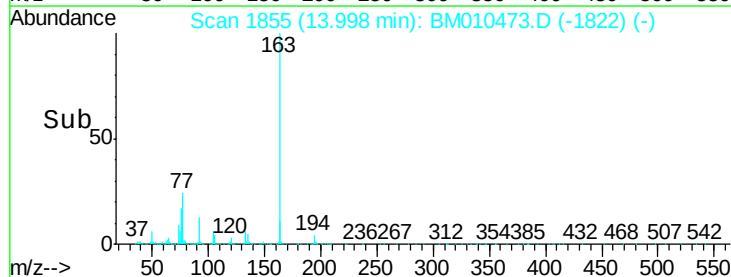
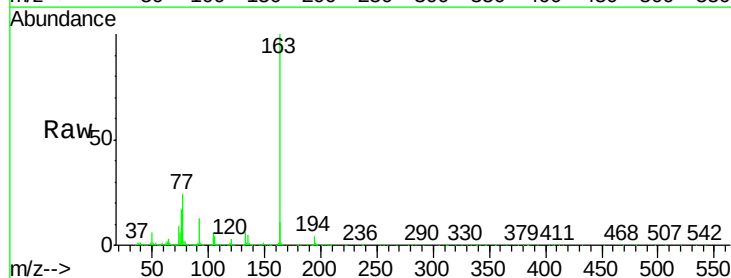
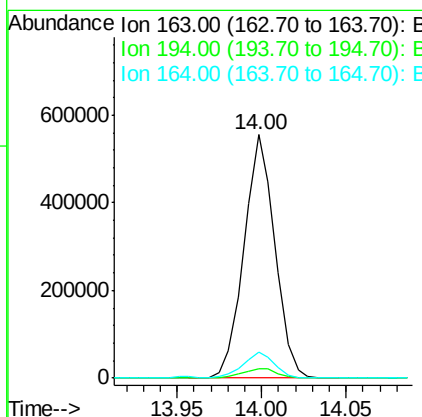
RT: 14.00 min Scan# 1855

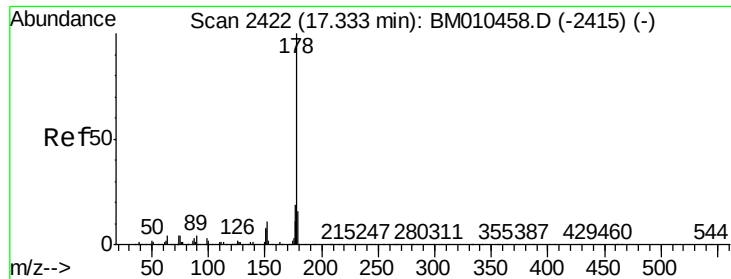
Delta R.T. -0.01 min

Lab File: BM010473.D

Acq: 10 Jun 2017 02:51

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	708334		
194	4.0	3.5	5.3	
164	10.6	8.2	12.4	





#69

Phenanthrene

Concen: 1.033 ng/ul

RT: 17.33 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BM010473.D

Acq: 10 Jun 2017 02:51

Instrument :

BNA_M

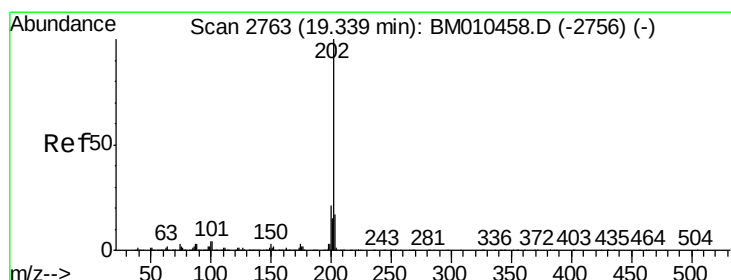
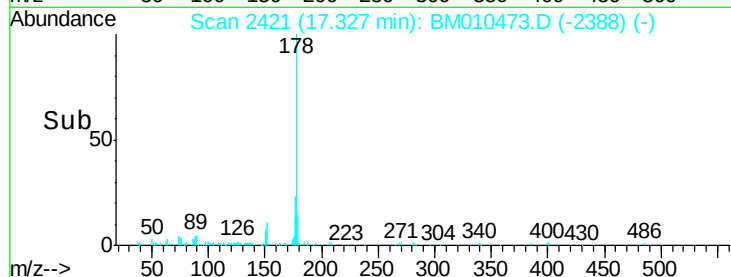
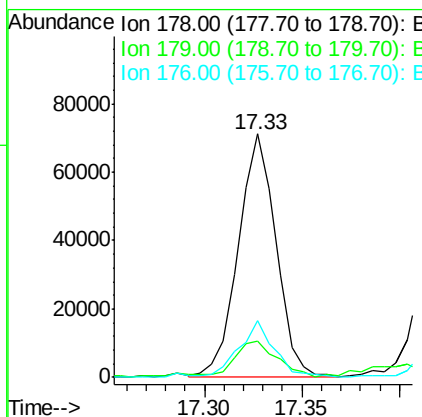
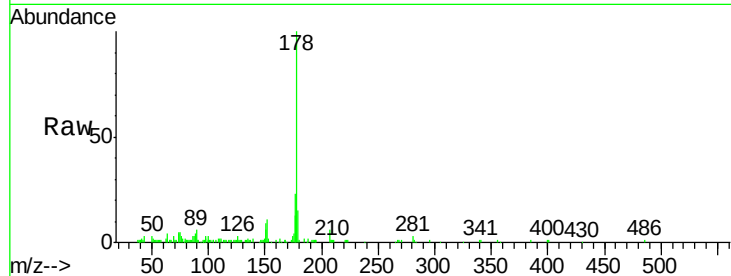
ClientSampleId :

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Tgt Ion:	178	Resp:	95526
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.6	19.0
176	23.2	14.9	22.3#

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#74

Fluoranthene

Concen: 9.409 ng/ul

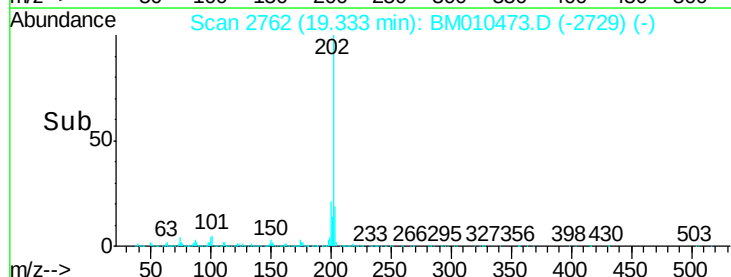
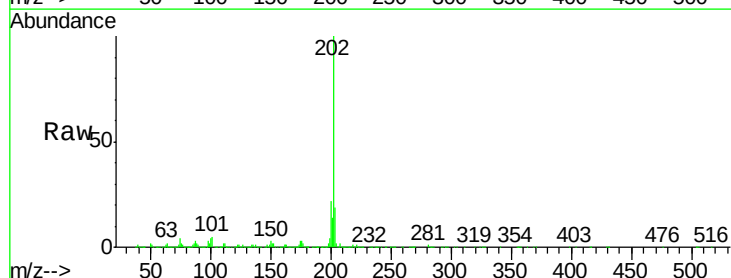
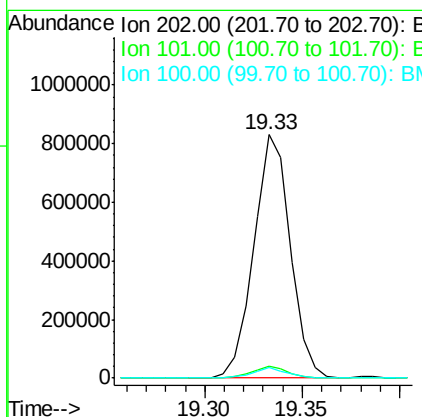
RT: 19.33 min Scan# 2762

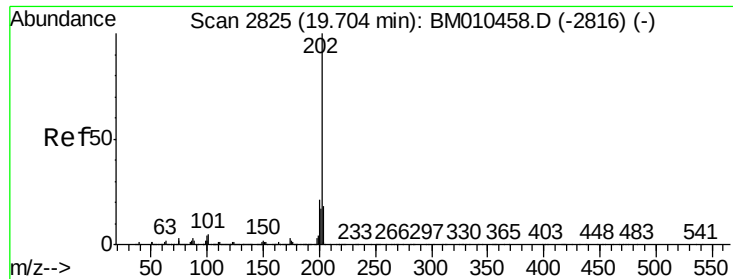
Delta R.T. -0.01 min

Lab File: BM010473.D

Acq: 10 Jun 2017 02:51

Tgt Ion:	202	Resp:	1069981
Ion Ratio	Lower	Upper	
202	100		
101	4.8	4.6	7.0
100	4.1	3.4	5.2





#77

Pyrene

Concen: 10.982 ng/ul

RT: 19.70 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM010473.D

Acq: 10 Jun 2017 02:51

Instrument :

BNA_M

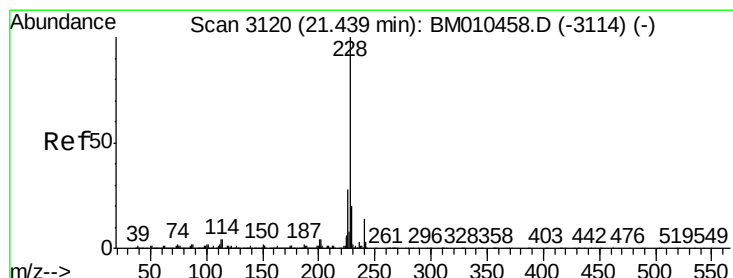
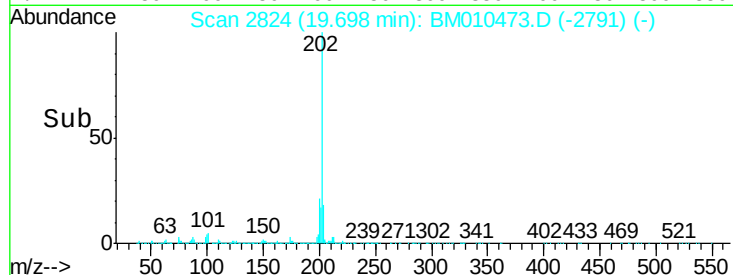
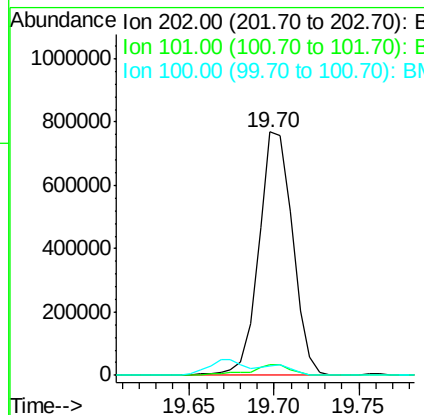
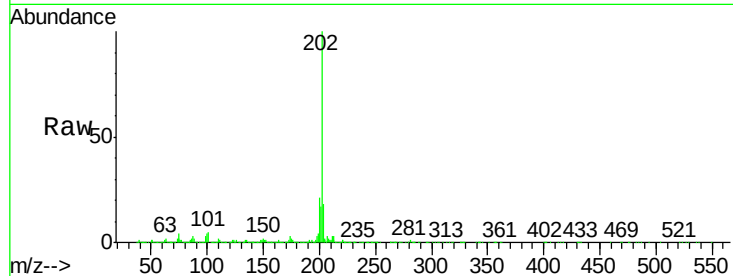
ClientSampleId :

F5B77

Tgt Ion:	202	Resp:	1066504
Ion Ratio	Lower	Upper	
202	100		
101	4.6	5.1	7.7#
100	4.0	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 5.455 ng/ul

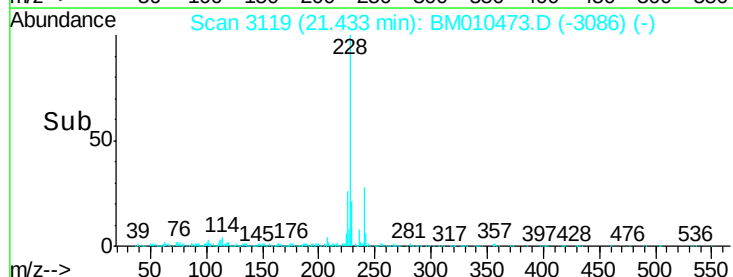
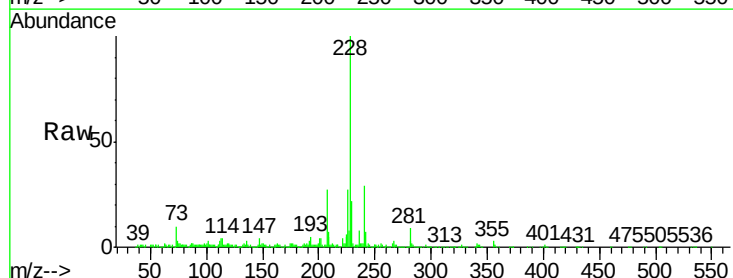
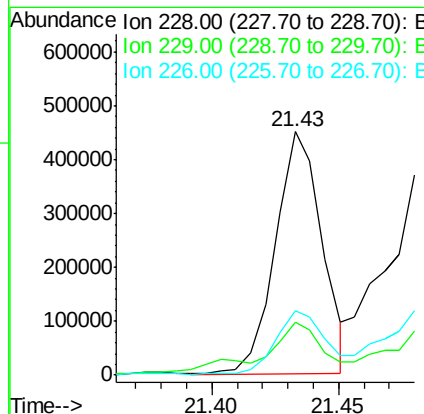
RT: 21.43 min Scan# 3119

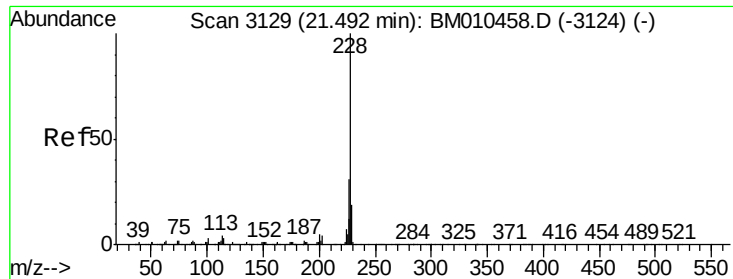
Delta R.T. -0.01 min

Lab File: BM010473.D

Acq: 10 Jun 2017 02:51

Tgt Ion:	228	Resp:	579720
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.4	23.0
226	26.6	21.4	32.0





#82

Chrysene

Concen: 8.964 ng/ul

RT: 21.49 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM010473.D

Acq: 10 Jun 2017 02:51

Instrument :

BNA_M

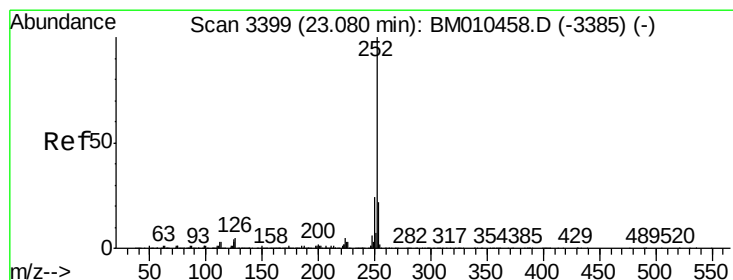
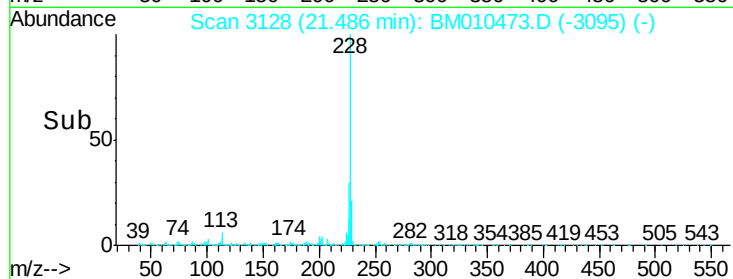
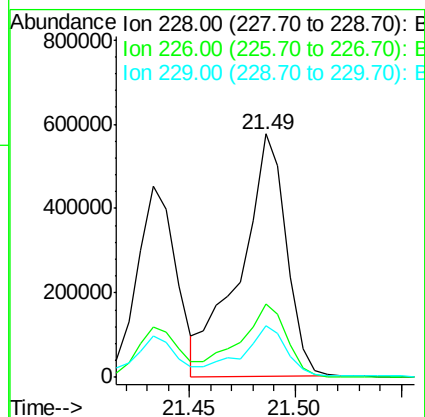
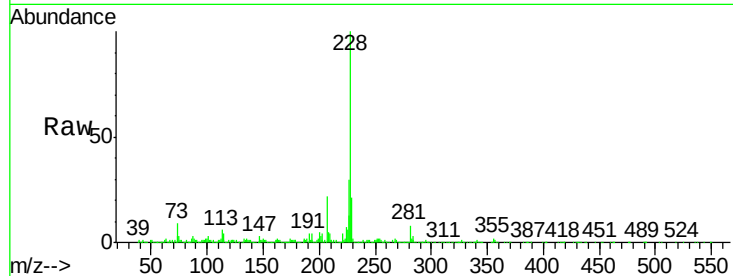
ClientSampleId :

F5B77

Tgt Ion:	228	Resp:	861105
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.2
229	21.4	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 11.137 ng/ul

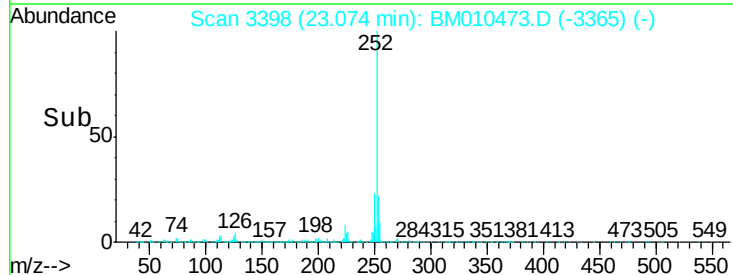
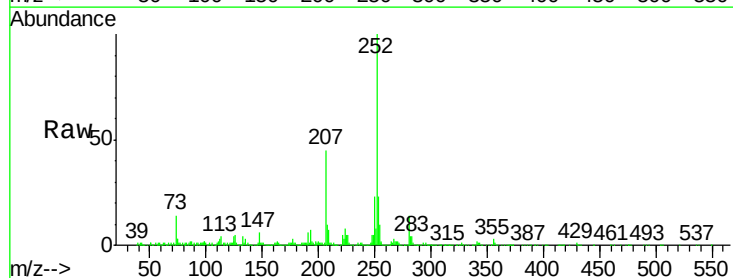
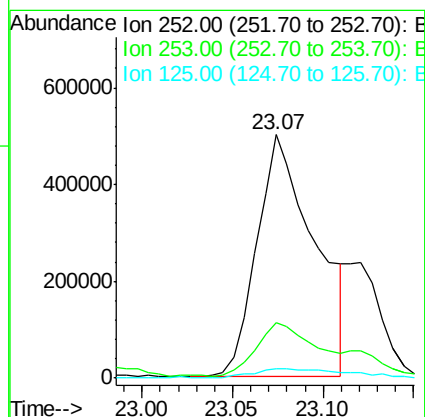
RT: 23.07 min Scan# 3398

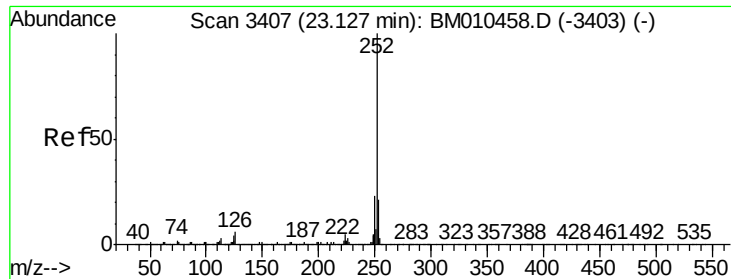
Delta R.T. -0.01 min

Lab File: BM010473.D

Acq: 10 Jun 2017 02:51

Tgt Ion:	252	Resp:	1108997
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.9	26.9
125	3.7	3.6	5.4





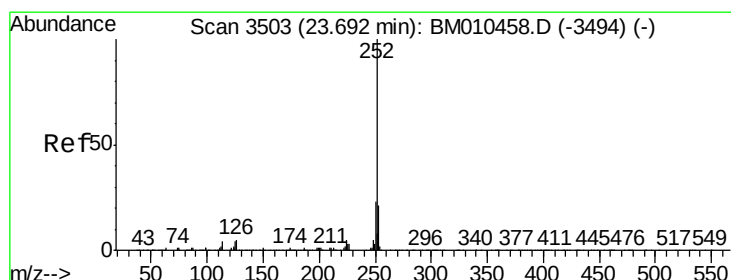
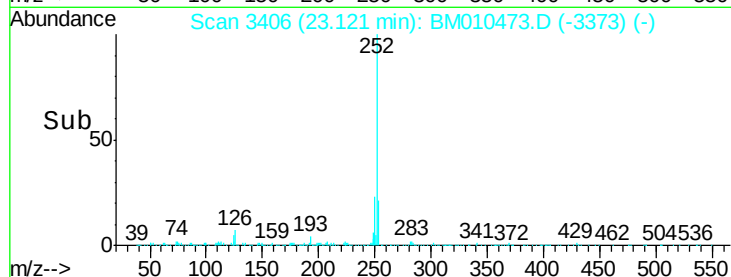
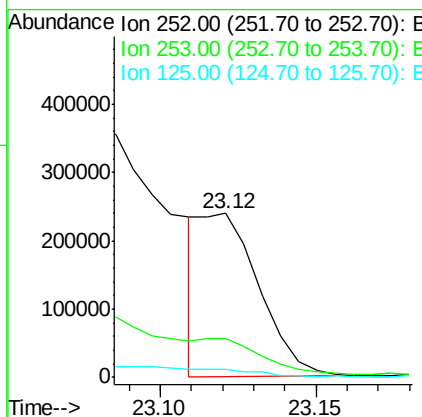
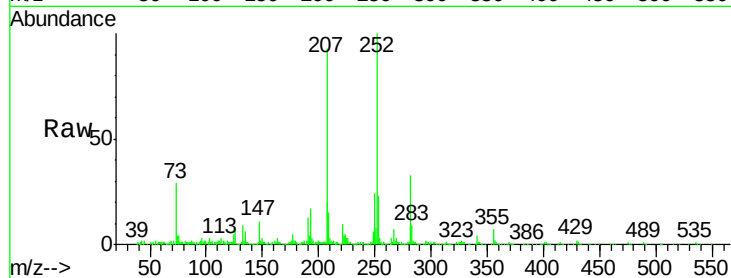
#86
Benzo(k)fluoranthene
Concen: 3.250 ng/ul m
RT: 23.12 min Scan# 3406
Delta R.T. -0.01 min
Lab File: BM010473.D
Acq: 10 Jun 2017 02:51

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	309166		
253	23.4	17.1	25.7	
125	5.1	3.4	5.2	

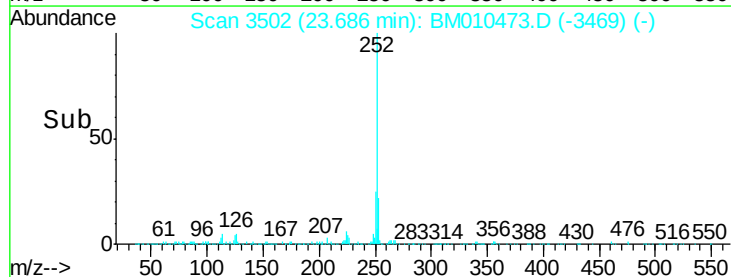
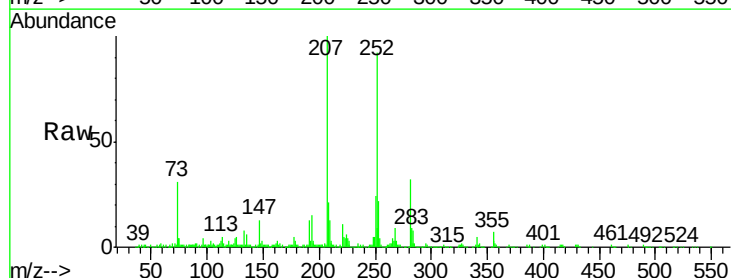
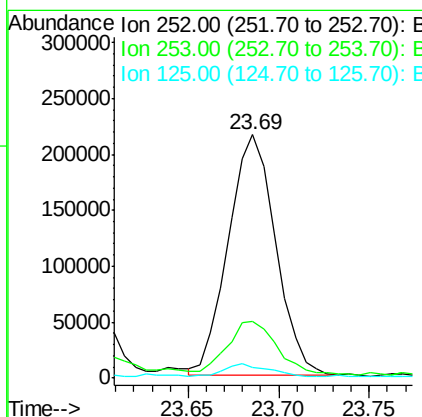
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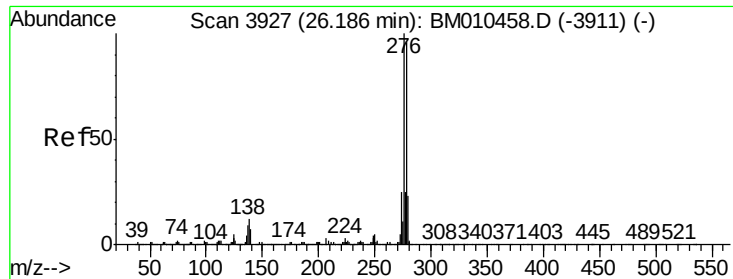
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#88
Benzo(a)pyrene
Concen: 3.962 ng/ul
RT: 23.69 min Scan# 3502
Delta R.T. -0.01 min
Lab File: BM010473.D
Acq: 10 Jun 2017 02:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	391060		
253	23.5	18.2	27.2	
125	4.3	4.0	6.0	





#89

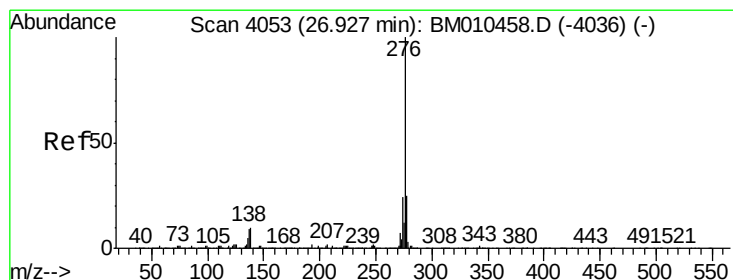
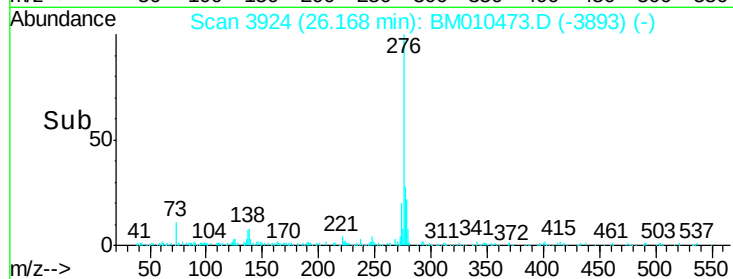
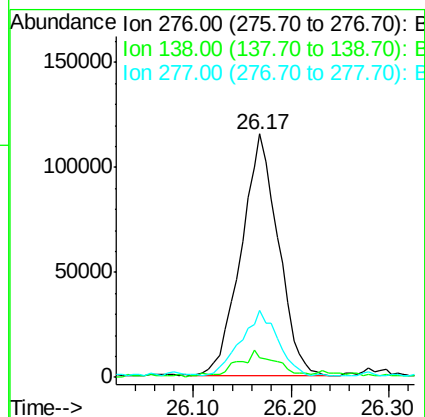
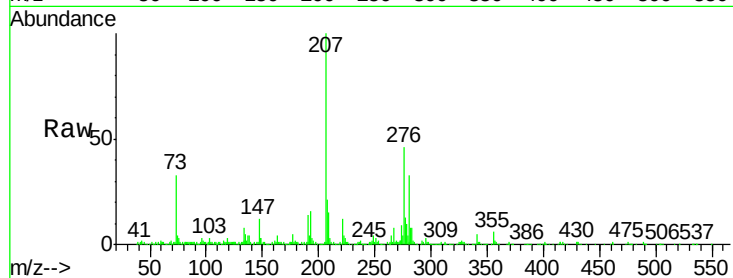
Indeno(1,2,3-cd)pyrene
Concen: 2.441 ng/ul
RT: 26.17 min Scan# 3924
Delta R.T. -0.02 min
Lab File: BM010473.D
Acq: 10 Jun 2017 02:51

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
276	100	304408		
138	8.2	9.3	13.9#	
277	27.8	19.9	29.9	

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#91

Benzo(g,h,i)perylene
Concen: 2.072 ng/ul
RT: 26.90 min Scan# 4049
Delta R.T. -0.02 min
Lab File: BM010473.D
Acq: 10 Jun 2017 02:51

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	212814		
138	13.5	8.5	12.7#	
277	24.1	18.6	28.0	

