

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
 Data File : BM010669.D
 Acq On : 22 Jun 2017 20:45
 Operator : SJ/JU
 Sample : I3625-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5B06

Manual Integrations
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Quant Time: Jun 23 05:27:33 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 23 05:06:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	68957	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	311183	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	220166	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	527992	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	585588	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	468862	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	4337	3.60	ng/uL	0.00
5) Phenol-d5	6.65	99	92656	14.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	54713	14.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	72257	15.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	81284	14.92	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	36845	16.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	44986	17.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	92329	17.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	98426	17.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	335948	17.38	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	371775	16.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	43796	12.88	ng/ul	0.00
57) Fluorene-d10	15.12	176	280908	16.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	50497	15.57	ng/ul	0.00
70) Anthracene-d10	16.97	188	435967	17.10	ng/ul	0.00
76) Pyrene-d10	19.27	212	512178	18.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	390957	17.25	ng/ul	0.00

Target Compounds

					Qvalue	
44) Dimethylphthalate	13.58	163	120578	6.365	ng/ul	99
74) Fluoranthene	18.94	202	70365	1.945	ng/ul#	97
77) Pyrene	19.30	202	102891	3.042	ng/ul#	94
80) Benzo(a)anthracene	21.07	228	56206m	1.648	ng/ul	
82) Chrysene	21.12	228	82006	2.697	ng/ul	95
85) Benzo(b)fluoranthene	22.59	252	151966	4.993	ng/ul#	96
86) Benzo(k)fluoranthene	22.63	252	47527m	1.647	ng/ul	
88) Benzo(a)pyrene	23.13	252	62469	2.229	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.32	276	41075	1.413	ng/ul#	94
91) Benzo(g,h,i)perylene	25.97	276	27995	1.210	ng/ul#	94

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

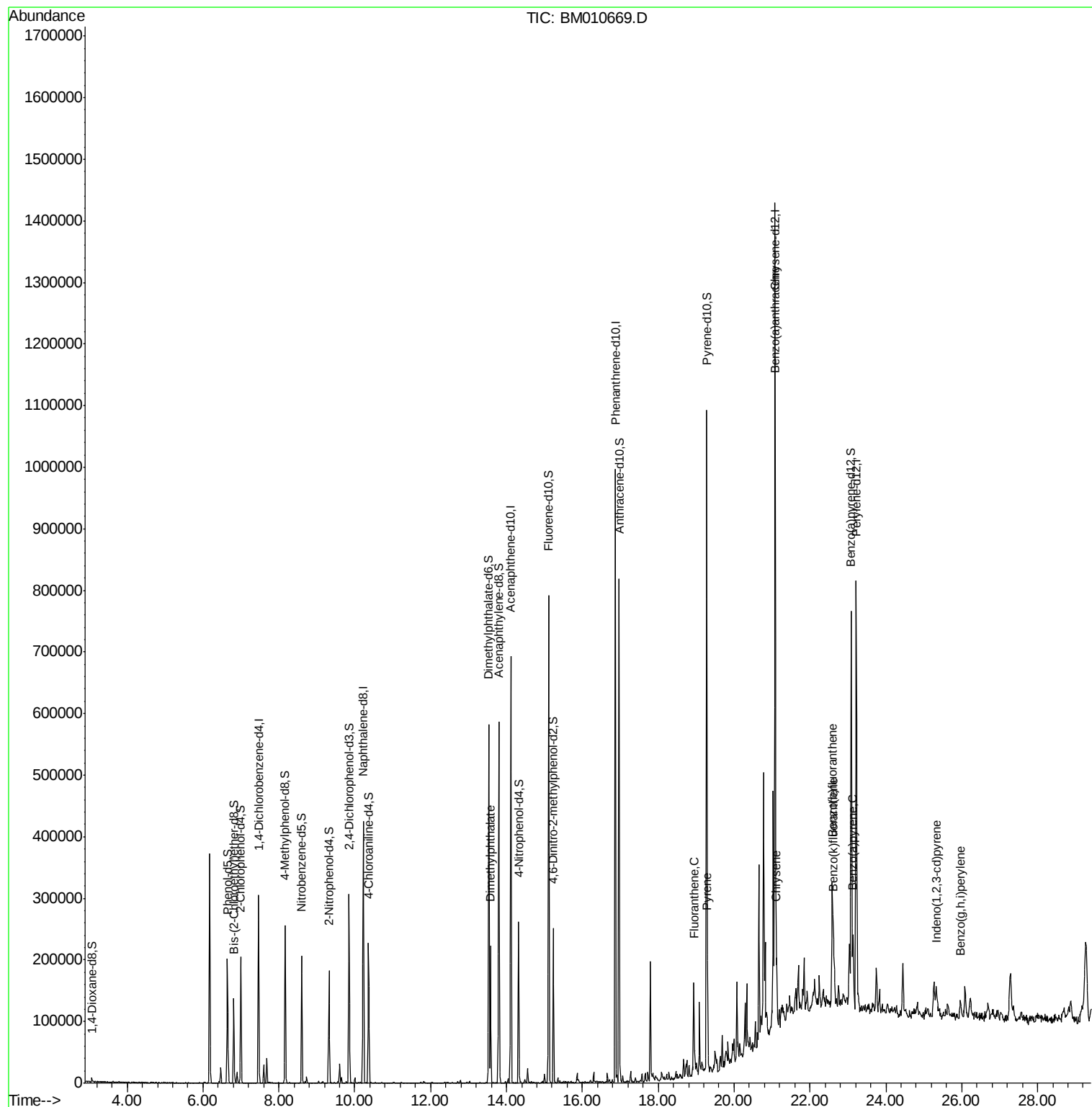
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010669.D
Acq On : 22 Jun 2017 20:45
Operator : SJ/JU
Sample : I3625-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

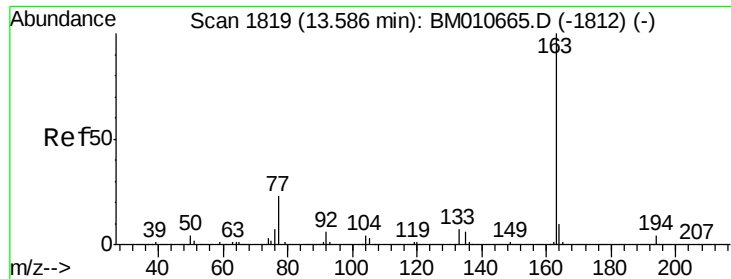
Instrument :
BNA_M
ClientSampled :
F5B06

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Quant Time: Jun 23 05:27:33 2017
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Quant Title : SVOA CALIBRATION
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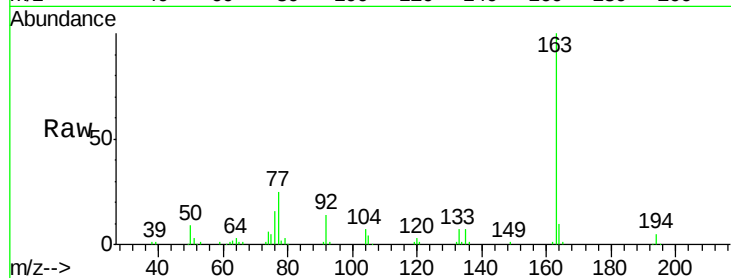
#44
Dimethylphthalate
Concen: 6.365 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM010669.D
Acq: 22 Jun 2017 20:45

Instrument :
BNA_M
ClientSampleId :
F5B06

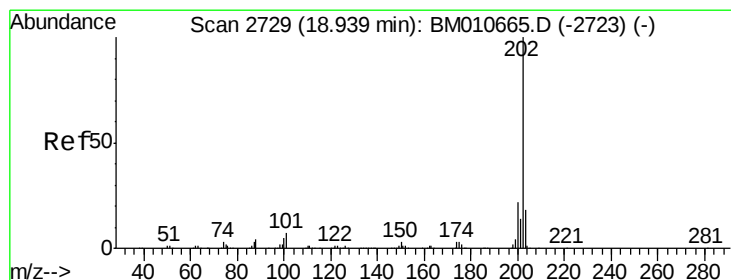
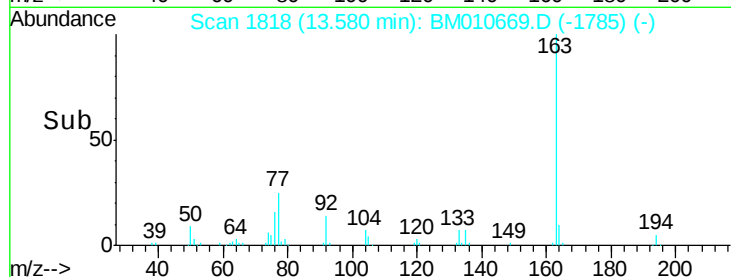
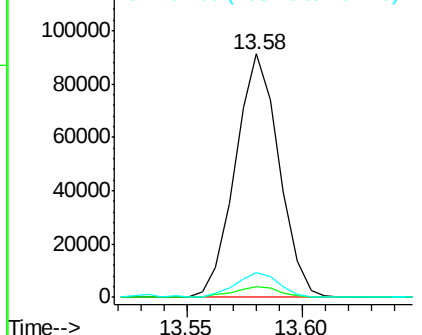
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.5	3.5	5.3
164	10.0	8.2	12.4

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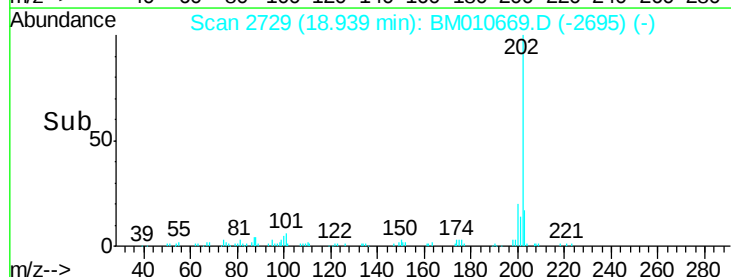
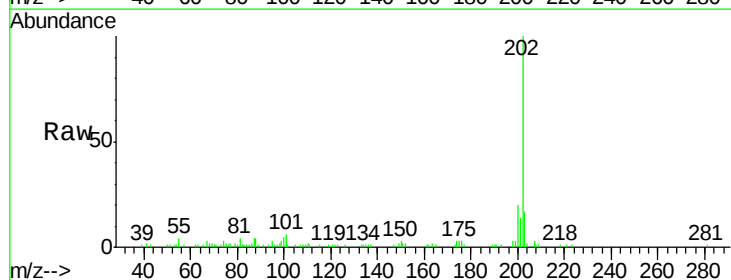
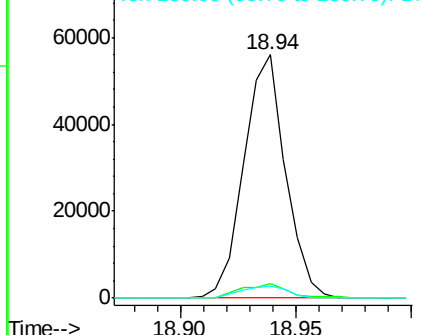
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

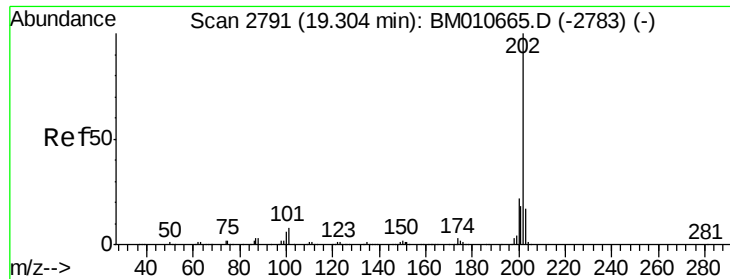


#74
Fluoranthene
Concen: 1.945 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BM010669.D
Acq: 22 Jun 2017 20:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.0	4.6	7.0#
100	4.9	3.4	5.2

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: 3.042 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM010669.D

Acq: 22 Jun 2017 20:45

Instrument :

BNA_M

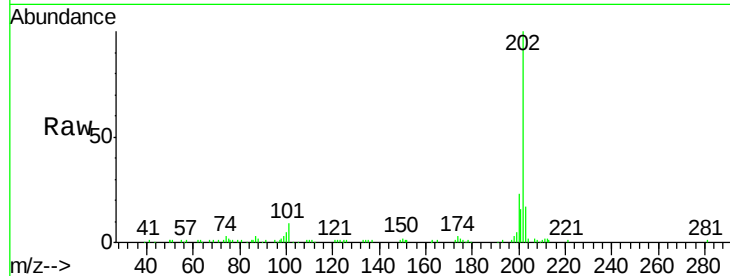
ClientSampled :

F5B06

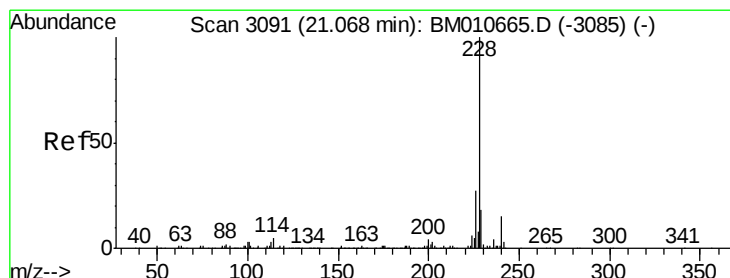
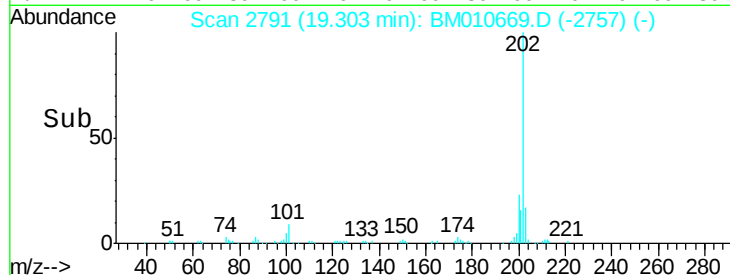
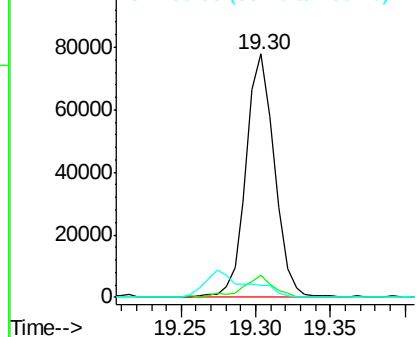
Tgt Ion:	202	Resp:	102891
Ion Ratio		Lower	Upper
202	100		
101	9.1	5.1	7.7#
100	4.9	4.9	7.3#

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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



#80

Benzo(a)anthracene

Concen: 1.648 ng/ul m

RT: 21.07 min Scan# 3091

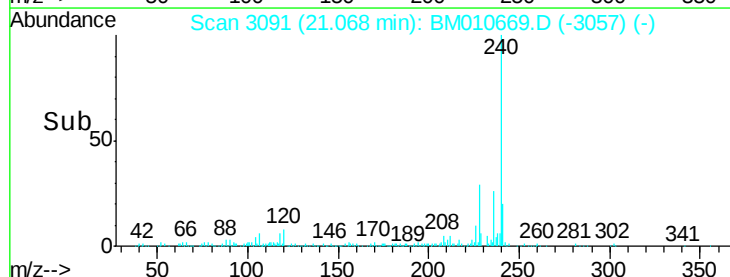
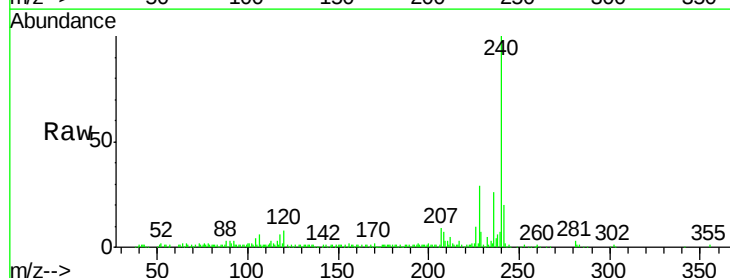
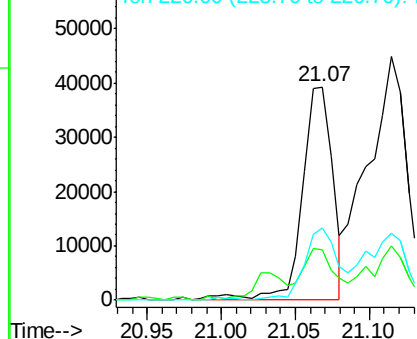
Delta R.T. -0.00 min

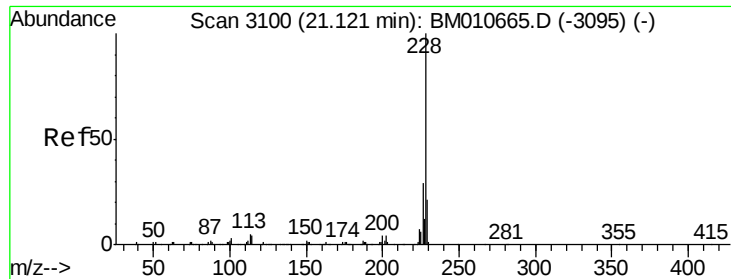
Lab File: BM010669.D

Acq: 22 Jun 2017 20:45

Tgt Ion:	228	Resp:	56206
Ion Ratio		Lower	Upper
228	100		
229	23.9	15.4	23.0#
226	34.1	21.4	32.0#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





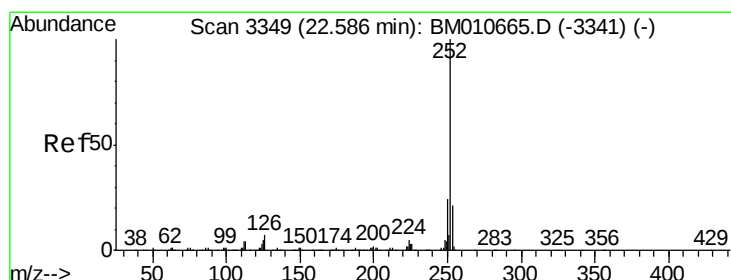
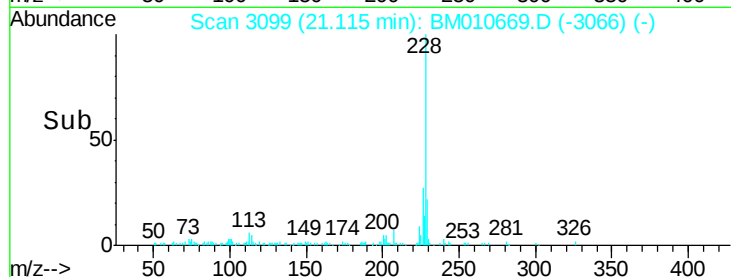
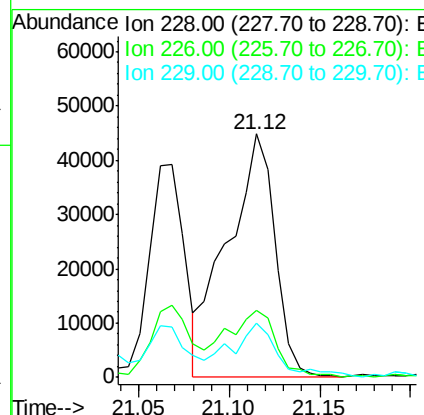
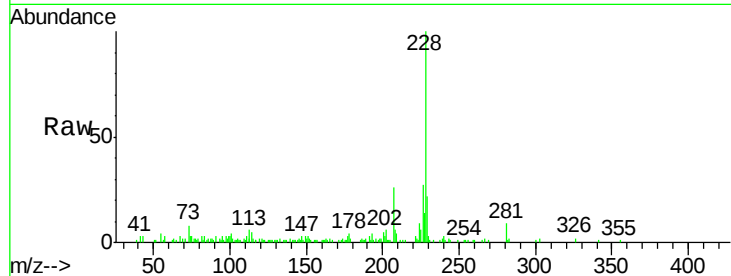
#82
Chrysene
Concen: 2.697 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010669.D
Acq: 22 Jun 2017 20:45

Instrument :
BNA_M
ClientSampleId :
F5B06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.4	35.2
229	22.4	15.5	23.3

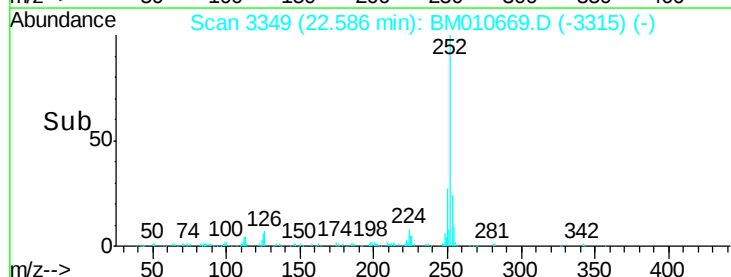
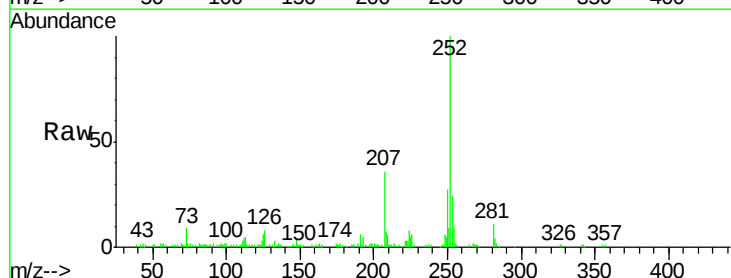
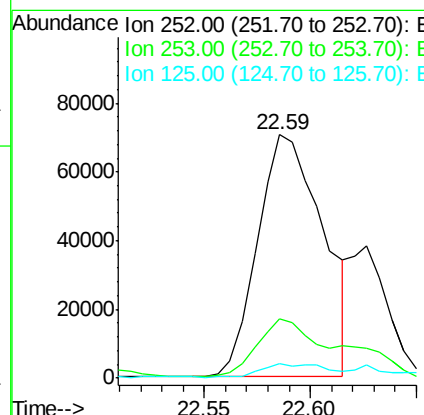
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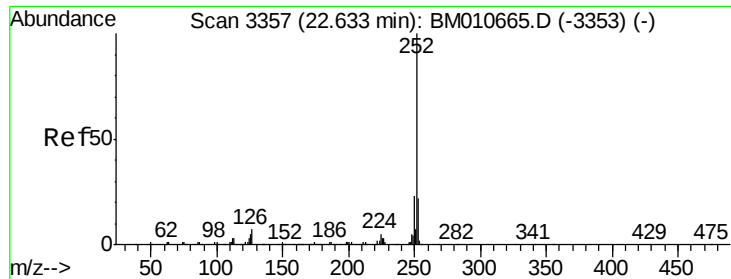
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#85
Benzo(b)fluoranthene
Concen: 4.993 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BM010669.D
Acq: 22 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	6.1	3.6	5.4#





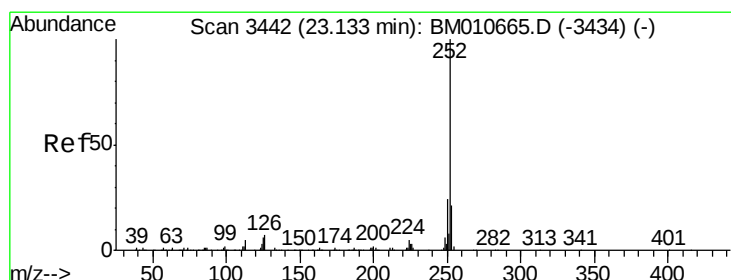
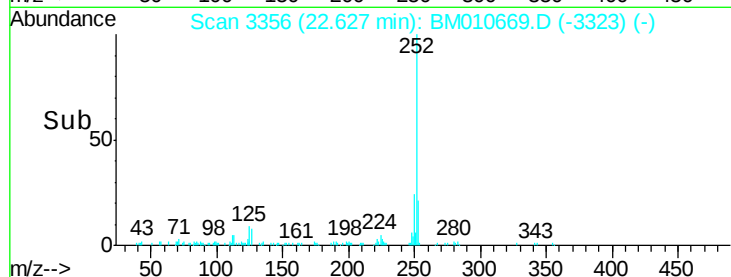
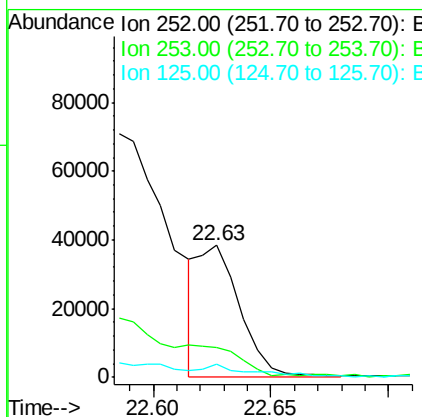
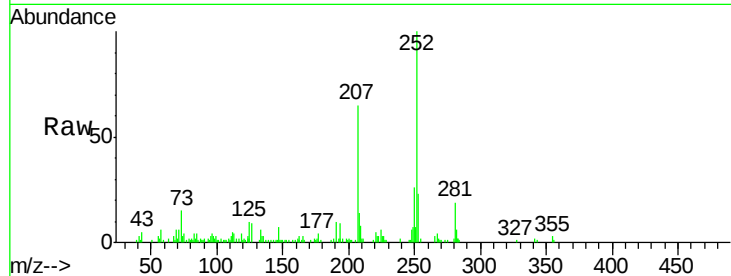
#86
Benzo(k)fluoranthene
Concen: 1.647 ng/ul m
RT: 22.63 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM010669.D
Acq: 22 Jun 2017 20:45

Instrument :
BNA_M
ClientSampleId :
F5B06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	9.8	3.4	5.2

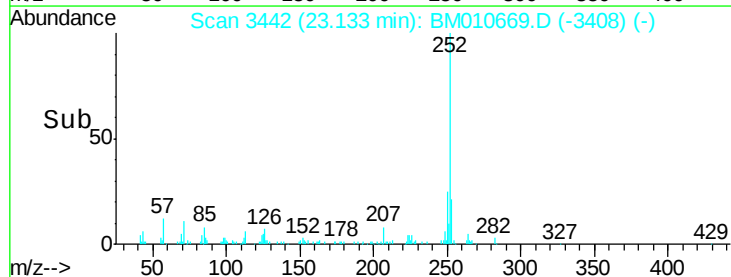
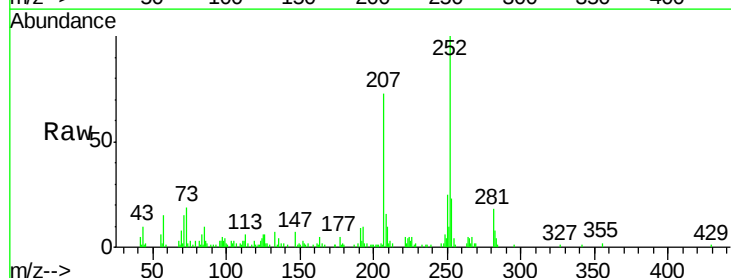
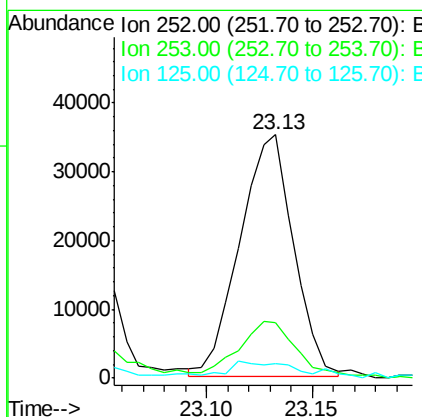
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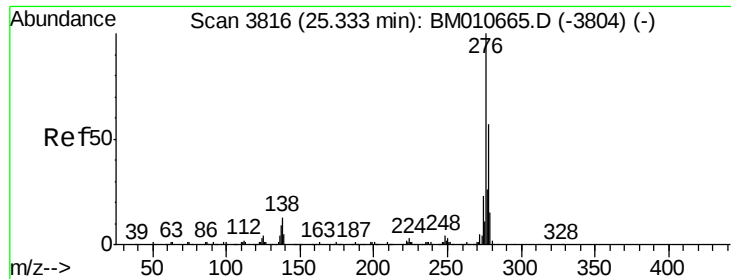
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#88
Benzo(a)pyrene
Concen: 2.229 ng/ul
RT: 23.13 min Scan# 3442
Delta R.T. -0.00 min
Lab File: BM010669.D
Acq: 22 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	5.7	4.0	6.0





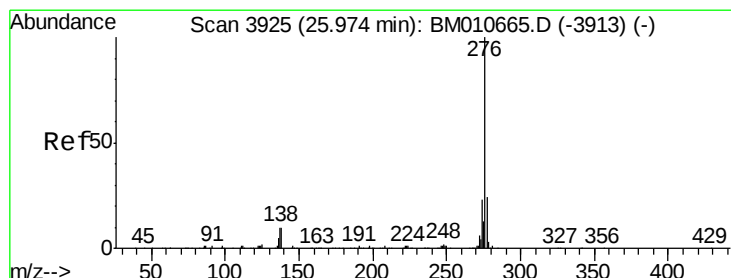
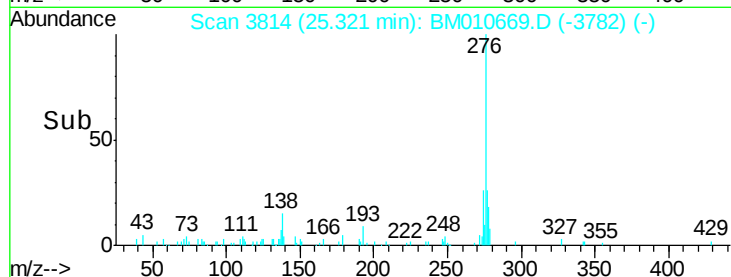
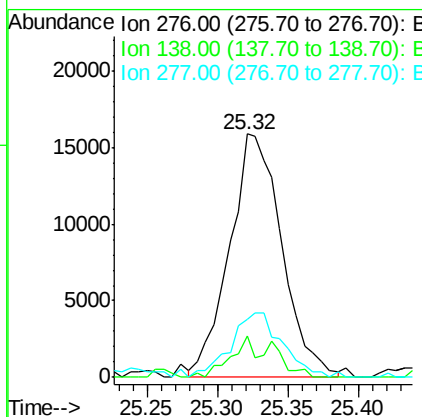
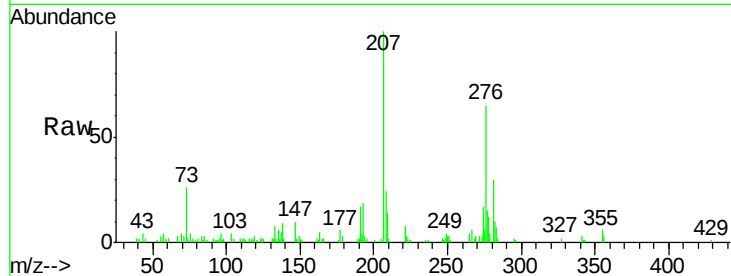
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.413 ng/ul
 RT: 25.32 min Scan# 3814
 Delta R.T. -0.01 min
 Lab File: BM010669.D
 Acq: 22 Jun 2017 20:45

Instrument :
 BNA_M
 ClientSampleId :
 F5B06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	9.3	13.9#
277	23.7	19.9	29.9

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#91
 Benzo(g,h,i)perylene
 Concen: 1.210 ng/ul
 RT: 25.97 min Scan# 3925
 Delta R.T. -0.00 min
 Lab File: BM010669.D
 Acq: 22 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.1	8.5	12.7#
277	23.3	18.6	28.0

