

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072116\
 Data File : BM006615.D
 Acq On : 22 Jul 2016 08:33
 Operator : UM/SJ
 Sample : H4076-23
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YQ6

Manual Integrations

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 7/22/2016 6:25:01 PM

Quant Time: Jul 22 11:23:08 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 22 01:56:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	176053	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	751977	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	414619	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	928278m	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	961047	20.00	ng/ul	0.00
34) Perylene-d12	23.42	264	1033152	20.00	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	8170	1.88	ng/uL	0.00
3) Phenol-d5	6.80	99	336568	22.47	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	212805	22.94	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	263128	21.99	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	228629	19.68	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	132413	23.26	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	142655	23.57	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	255439	22.33	ng/ul	0.00
12) 4-Chloroaniline-d4	10.54	131	279402	22.18	ng/ul	0.00
16) Dimethylphthalate-d6	13.68	166	764167	23.51	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	989863	23.86	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	119123	21.10	ng/ul	0.02
21) Fluorene-d10	15.27	176	684086	23.53	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	58996m	12.24	ng/ul	0.01
26) Anthracene-d10	17.12	188	1027254	23.31	ng/ul	0.00
30) Pyrene-d10	19.42	212	1129826	25.80	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.28	264	1134866	23.88	ng/ul	0.01

Target Compounds

					Ovalue
25) Phenanthrene	17.06	178	554853m	10.63	ng/ul
27) Anthracene	17.15	178	119908	2.23	ng/ul
28) Fluoranthene	19.09	202	1149320	18.74	ng/ul
31) Pyrene	19.45	202	955905	16.43	ng/ul
32) Benzo(a)anthracene	21.20	228	557611	9.57	ng/ul
33) Chrysene	21.26	228	515116	9.59	ng/ul
35) Benzo(b)fluoranthene	22.76	252	709797	11.46	ng/ul
36) Benzo(k)fluoranthene	22.80	252	223436m	3.73	ng/ul
38) Benzo(a)pyrene	23.33	252	478814	7.94	ng/ul
39) Indeno(1,2,3-cd)pyrene	25.61	276	358841	5.14	ng/ul
40) Dibenzo(a,h)anthracene	25.61	278	94903	1.64	ng/ul#
41) Benzo(g,h,i)perylene	26.30	276	334579	5.59	ng/ul

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

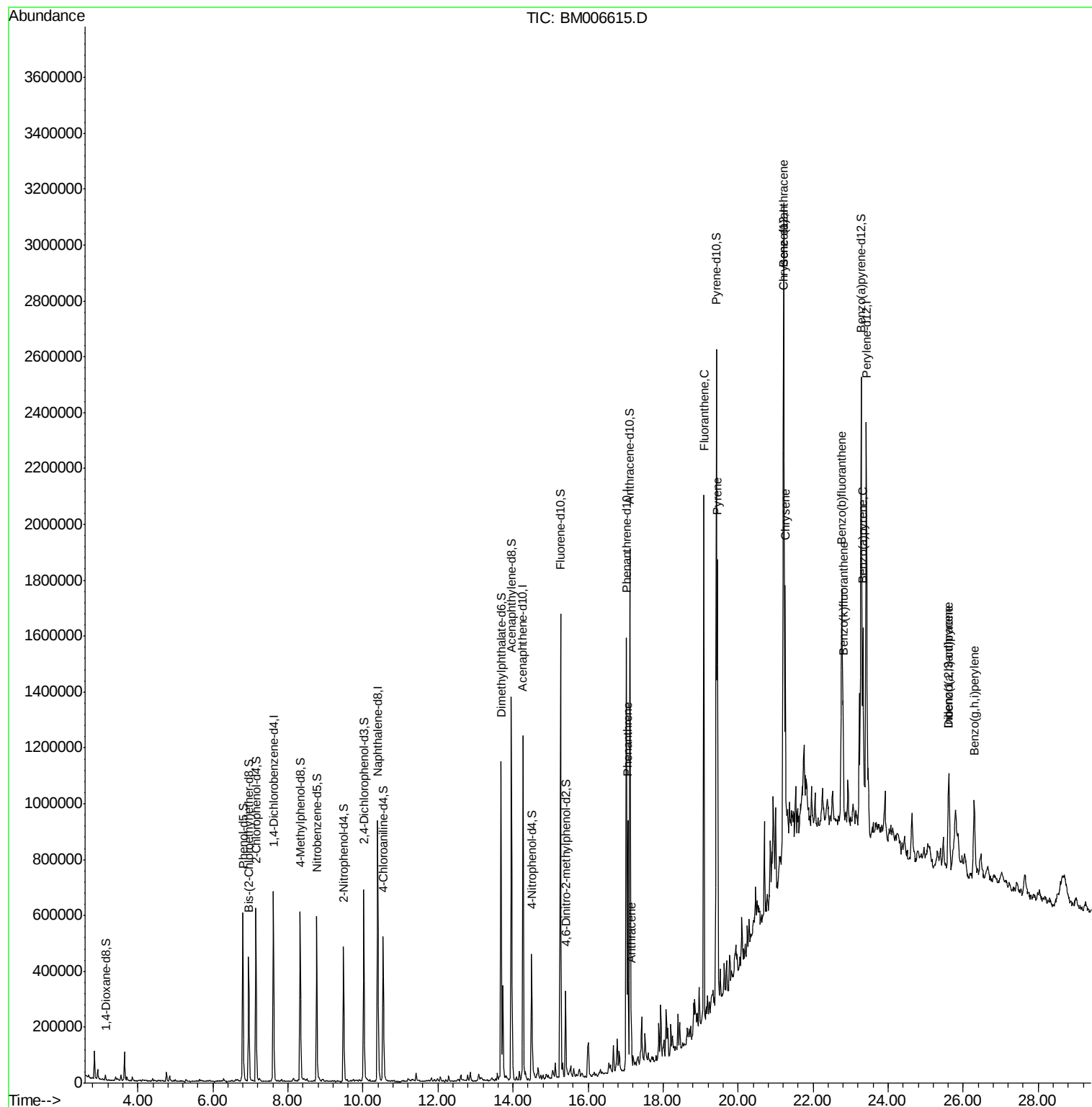
Data Path : Z:\HPCHEM1\BNA M\DATA\BM072116\
Data File : BM006615.D
Acq On : 22 Jul 2016 08:33
Operator : UM/SJ
Sample : H4076-23
Misc :
ALS Vial : 32 Sample Multiplier: 1

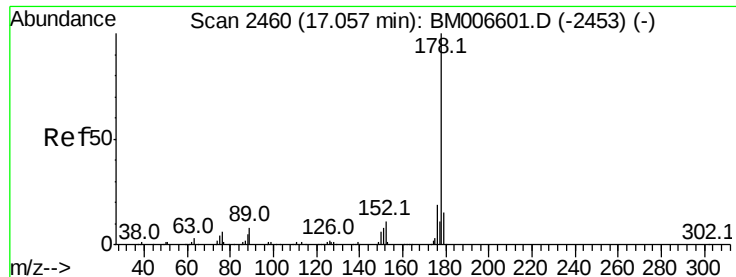
Instrument :
BNA_M
ClientSampleId :
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Manual Integrations

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Quant Time: Jul 22 11:23:08 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 22 01:56:00 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 10.63 ng/ul m

RT: 17.06 min Scan# 2461

Delta R.T. 0.01 min

Lab File: BM006615.D

Acq: 22 Jul 2016 08:33

Instrument :

BNA_M

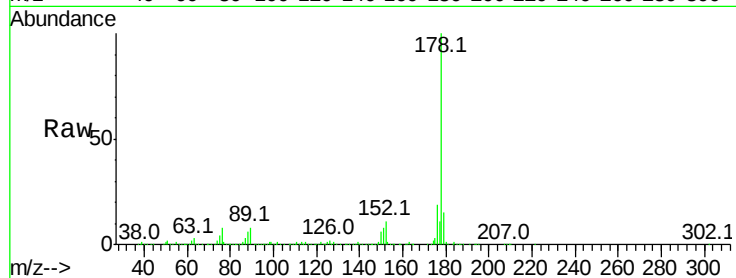
ClientSampleId :

D9YQ6

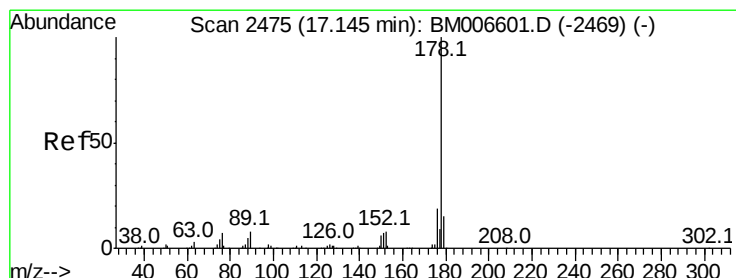
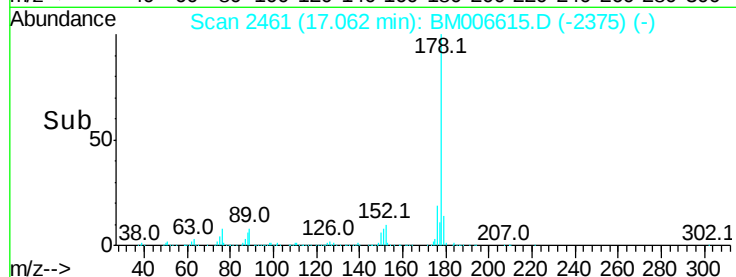
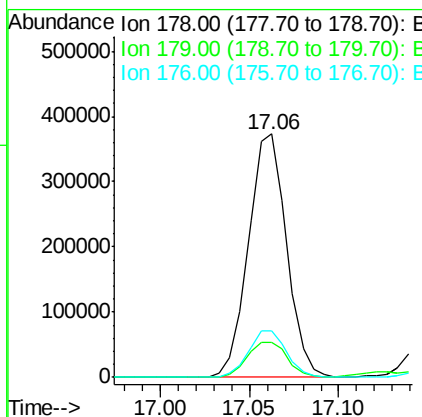
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Tot Ion:	178	Resp:	554853
Ion	Ratio	Lower	Upper
178	100		
179	14.5	11.8	17.8
176	18.9	14.8	22.2



#27

Anthracene

Concen: 2.23 ng/ul

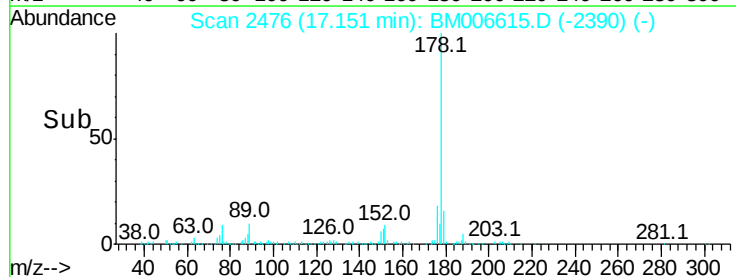
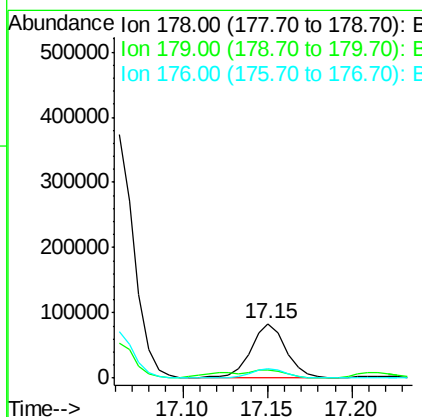
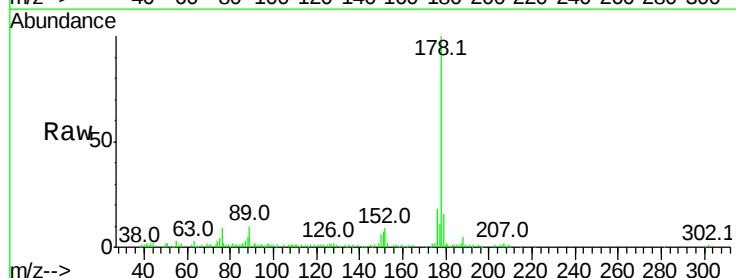
RT: 17.15 min Scan# 2476

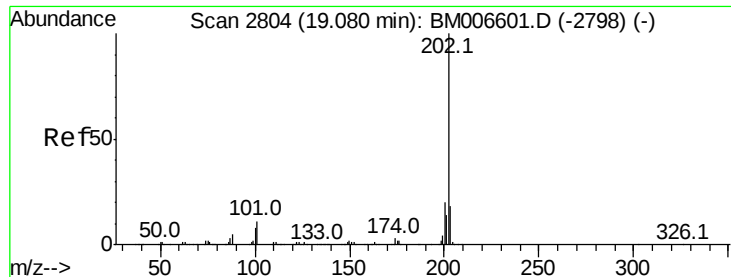
Delta R.T. 0.01 min

Lab File: BM006615.D

Acq: 22 Jul 2016 08:33

Tgt Ion:	178	Resp:	119908
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	18.0	15.6	23.4





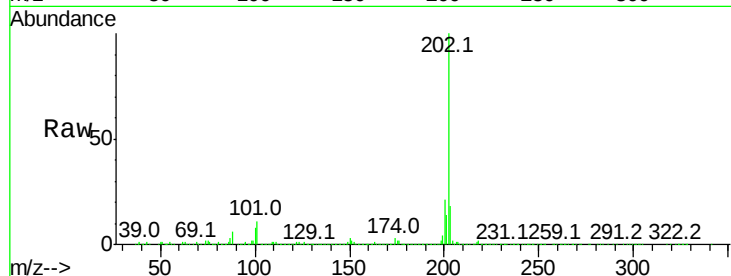
#28
Fluoranthene
Concen: 18.74 ng/ul
RT: 19.09 min Scan# 2805
Delta R.T. 0.01 min
Lab File: BM006615.D
Acq: 22 Jul 2016 08:33

Instrument :
BNA_M
ClientSampleId :
D9YQ6

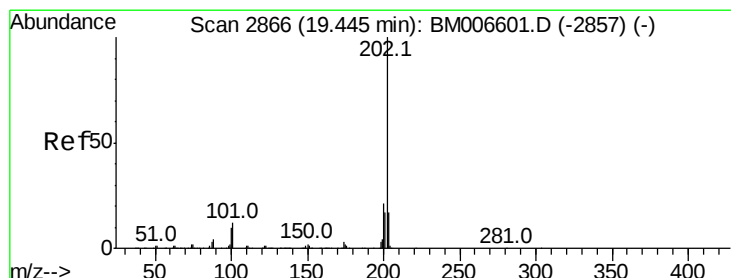
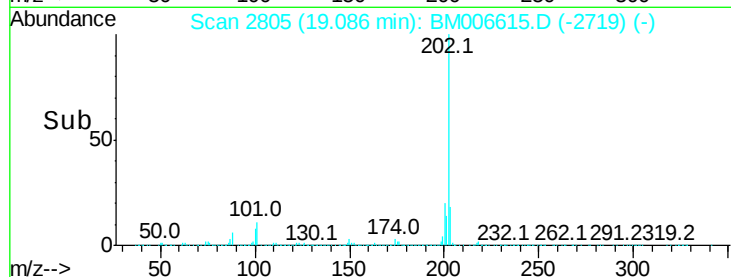
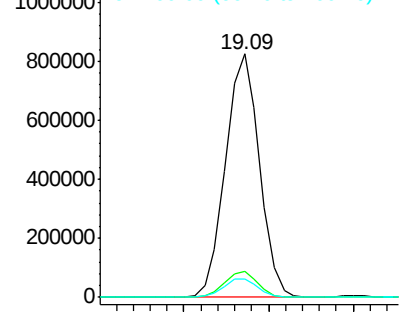
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.9	13.3
100	7.6	7.0	10.4

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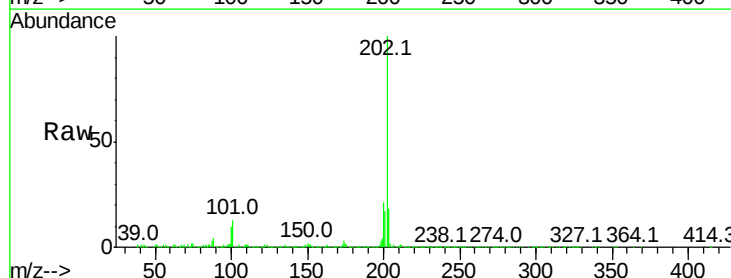


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

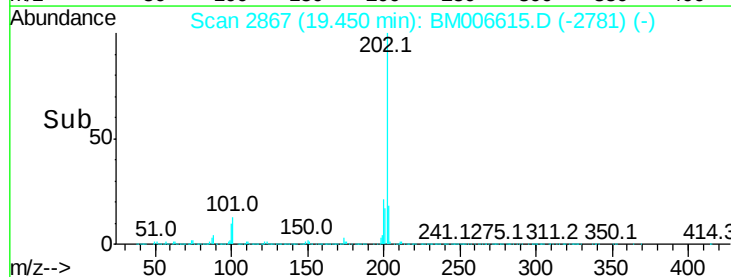
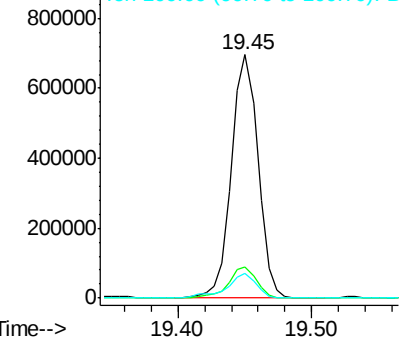


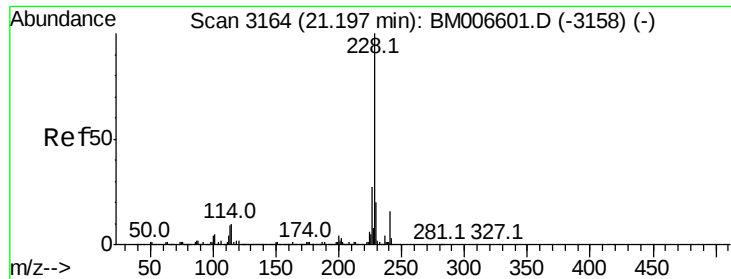
#31
Pyrene
Concen: 16.43 ng/ul
RT: 19.45 min Scan# 2867
Delta R.T. 0.01 min
Lab File: BM006615.D
Acq: 22 Jul 2016 08:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.8	14.8
100	10.0	9.3	13.9



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





#32

Benzo(a)anthracene

Concen: 9.57 ng/ul

RT: 21.20 min Scan# 3165

Delta R.T. 0.01 min

Lab File: BM006615.D

Acq: 22 Jul 2016 08:33

Instrument :

BNA_M

ClientSampled :

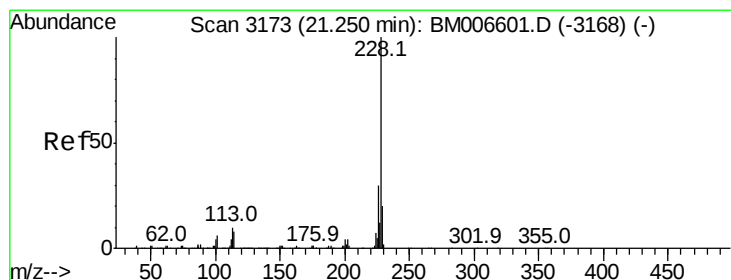
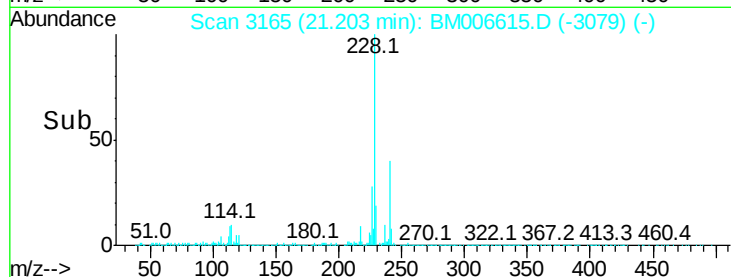
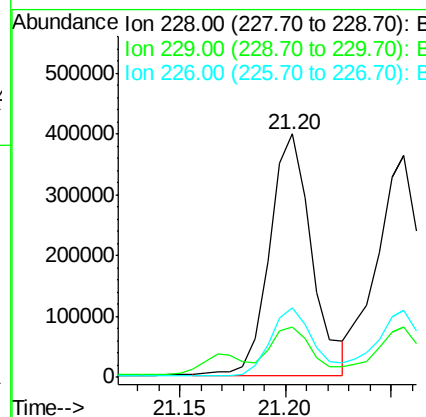
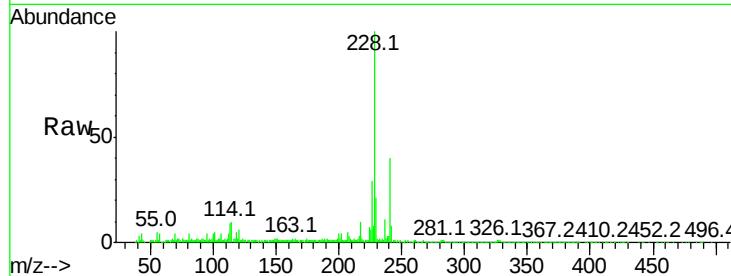
D9YQ6

Tot Ion:	228	Resp:	557611
Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.6	25.0
226	28.5	21.0	31.4

Manual Integrations

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#33

Chrysene

Concen: 9.59 ng/ul

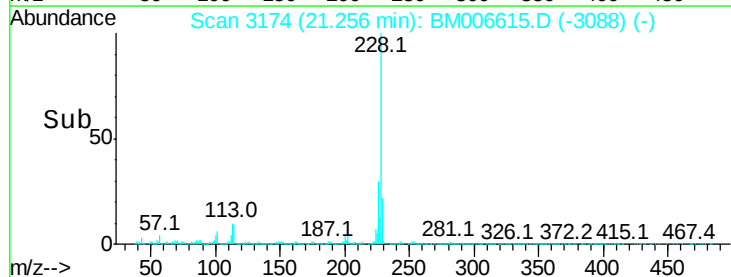
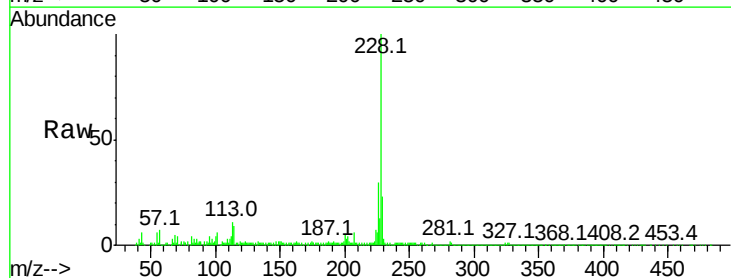
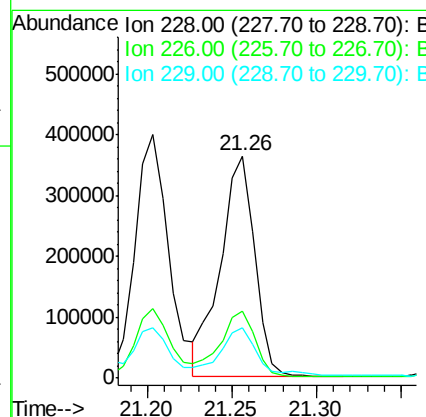
RT: 21.26 min Scan# 3174

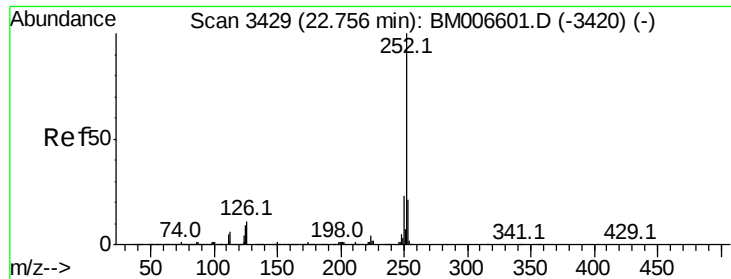
Delta R.T. 0.01 min

Lab File: BM006615.D

Acq: 22 Jul 2016 08:33

Tgt Ion:	228	Resp:	515116
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	22.7	16.2	24.2





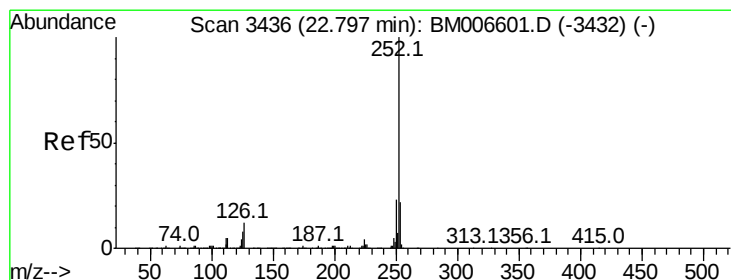
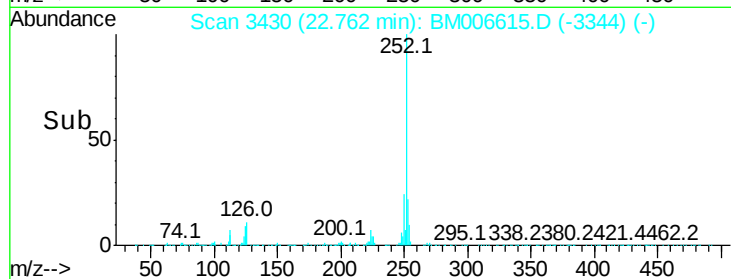
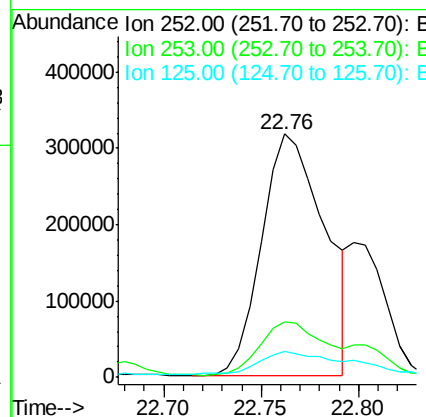
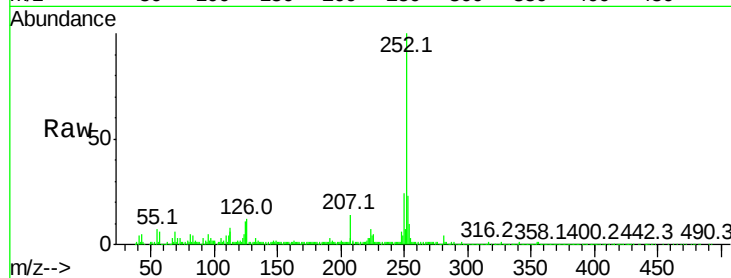
#35
Benzo(b)fluoranthene
Concen: 11.46 ng/ul
RT: 22.76 min Scan# 3430
Delta R.T. 0.01 min
Lab File: BM006615.D
Acq: 22 Jul 2016 08:33

Instrument :
BNA_M
ClientSampleId :
D9YQ6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	10.6	7.6	11.4

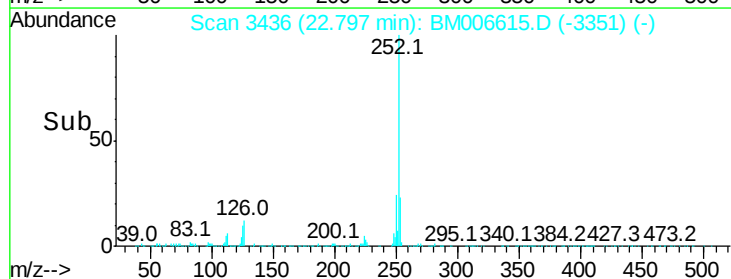
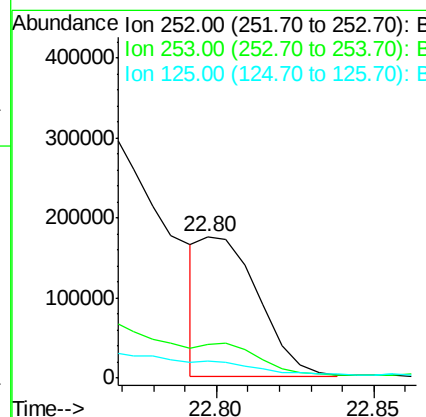
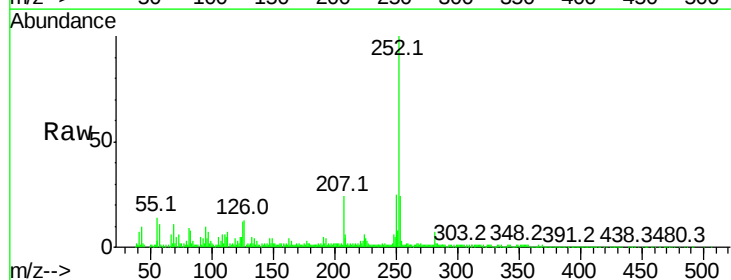
Manual Integrations

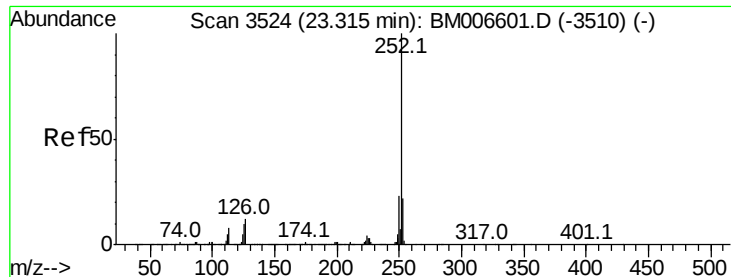
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#36
Benzo(k)fluoranthene
Concen: 3.73 ng/ul m
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006615.D
Acq: 22 Jul 2016 08:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	12.2	7.7	11.5#





#38

Benzo(a)pyrene

Concen: 7.94 ng/ul

RT: 23.33 min Scan# 3526

Delta R.T. 0.01 min

Lab File: BM006615.D

Acq: 22 Jul 2016 08:33

Instrument :

BNA_M

ClientSampleId :

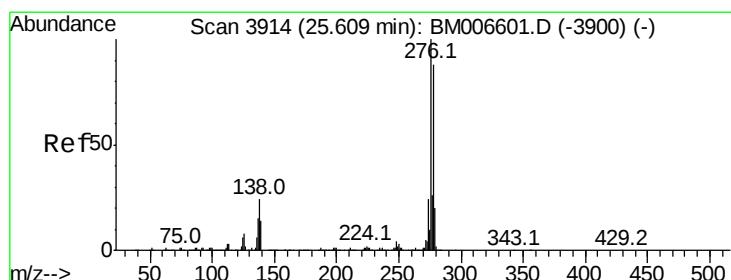
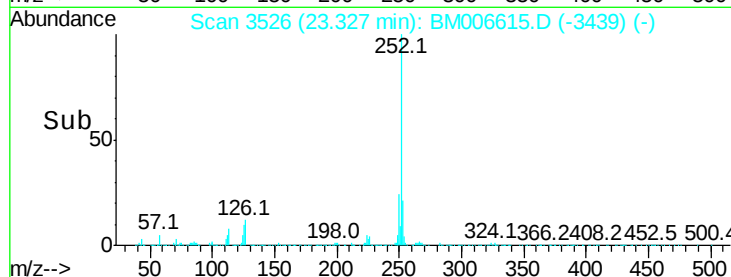
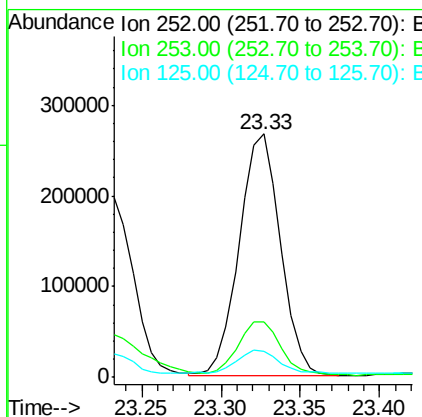
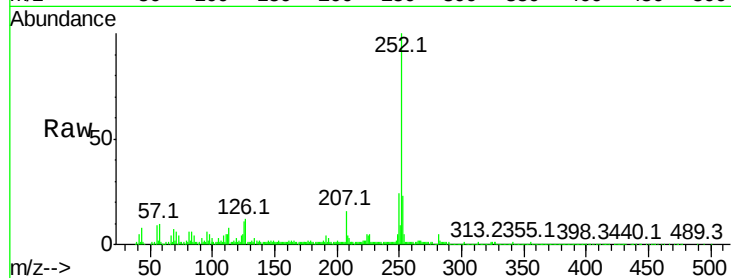
D9YQ6

Tot Ion:	252	Resp:	478814
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.0
125	10.7	8.2	12.2

Manual Integrations

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#39

Indeno(1,2,3-cd)pyrene

Concen: 5.14 ng/ul

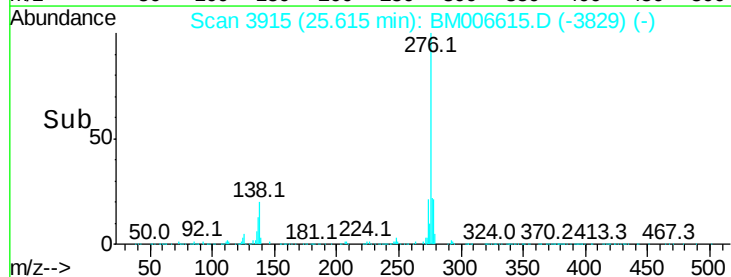
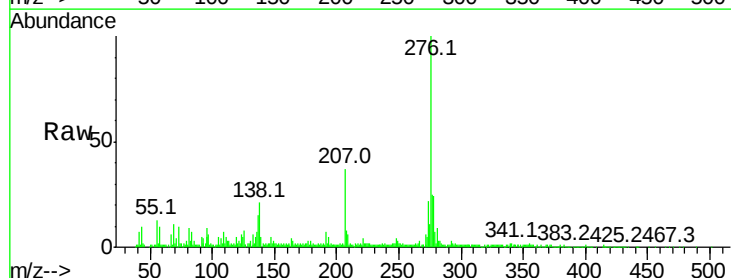
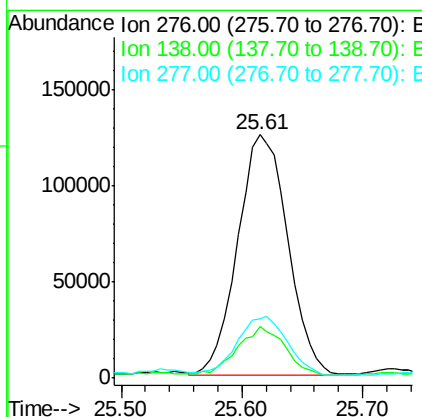
RT: 25.61 min Scan# 3915

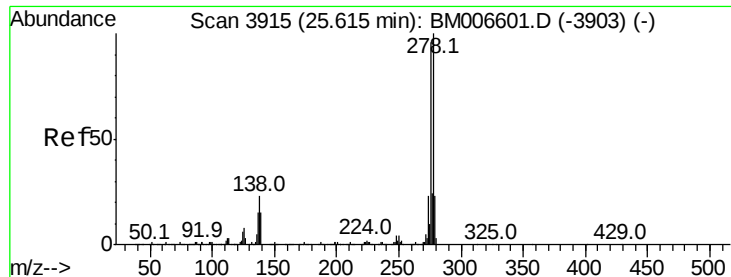
Delta R.T. 0.01 min

Lab File: BM006615.D

Acq: 22 Jul 2016 08:33

Tgt Ion:	276	Resp:	358841
Ion Ratio	Lower	Upper	
276	100		
138	21.4	15.8	23.6
277	24.6	19.0	28.6





#40

Dibenzo(a,h)anthracene

Concen: 1.64 ng/ul

RT: 25.61 min Scan# 3915

Delta R.T. 0.00 min

Lab File: BM006615.D

Acq: 22 Jul 2016 08:33

Instrument :

BNA_M

ClientSampleId :

D9YQ6

Manual Integrations

Tot Ion:278 Resp: 94903

Ion Ratio Lower Upper

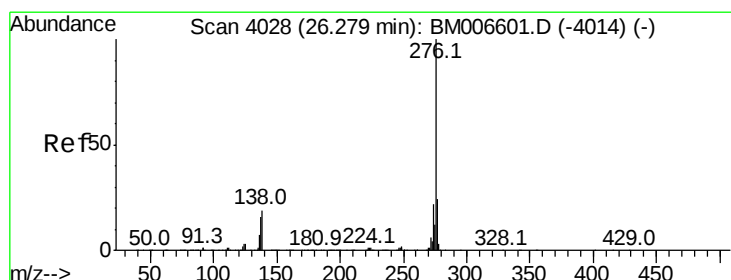
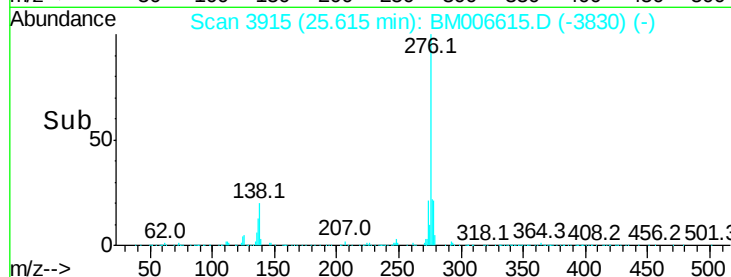
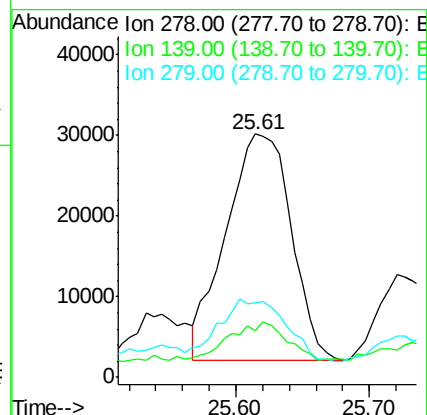
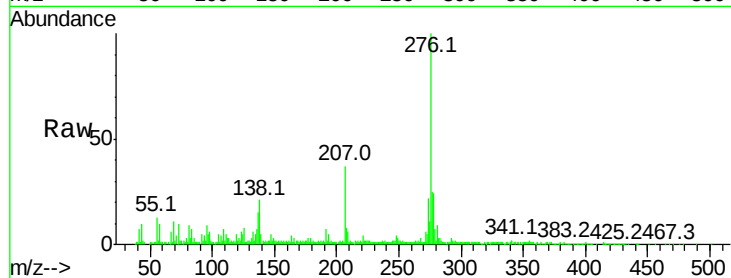
278 100

139 18.9 12.1 18.1#

279 30.9 19.8 29.8#

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#41

Benzo(g,h,i)perylene

Concen: 5.59 ng/ul

RT: 26.30 min Scan# 4031

Delta R.T. 0.02 min

Lab File: BM006615.D

Acq: 22 Jul 2016 08:33

Tgt Ion:276 Resp: 334579

Ion Ratio Lower Upper

276 100

138 19.4 13.9 20.9

277 25.4 19.8 29.6

