

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072116\
 Data File : BM006611.D
 Acq On : 22 Jul 2016 06:08
 Operator : UM/SJ
 Sample : H4077-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YQ8

Manual Integrations

umangi
 7/22/2016 6:24:52 PM

Quant Time: Jul 22 07:53:09 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	217797	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	930540	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	512100	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	1118380	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1197731	20.00	ng/ul	0.00
34) Perylene-d12	23.42	264	1258223	20.00	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	5232	0.97	ng/uL	0.00
3) Phenol-d5	6.79	99	177839	9.60	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	142371	12.40	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	159032	10.74	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	91012	6.33	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	88225	12.53	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	92826	12.39	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	148680	10.50	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	127469	8.18	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	510369	12.71	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	665073	12.98	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	19880	2.85	ng/ul	0.02
21) Fluorene-d10	15.26	176	468653	13.05	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	22166	3.82	ng/ul	0.01
26) Anthracene-d10	17.12	188	706490	13.30	ng/ul	0.00
30) Pyrene-d10	19.42	212	795133	14.57	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.28	264	784774	13.56	ng/ul	0.01

Target Compounds

						Ovalue
25) Phenanthrene	17.06	178	250882	3.99	ng/ul	98
27) Anthracene	17.15	178	68662	1.06	ng/ul	98
28) Fluoranthene	19.08	202	548165	7.42	ng/ul	98
31) Pyrene	19.44	202	503290	6.94	ng/ul	97
32) Benzo(a)anthracene	21.20	228	324182	4.47	ng/ul	96
33) Chrysene	21.25	228	353732	5.29	ng/ul	96
35) Benzo(b)fluoranthene	22.76	252	545867	7.24	ng/ul	97
36) Benzo(k)fluoranthene	22.80	252	160968m	2.21	ng/ul	
38) Benzo(a)pyrene	23.33	252	373218	5.08	ng/ul	96
39) Indeno(1,2,3-cd)pyrene	25.62	276	319718	3.76	ng/ul	98
40) Dibenzo(a,h)anthracene	25.62	278	143219	2.03	ng/ul#	90
41) Benzo(g,h,i)perylene	26.30	276	352018	4.83	ng/ul	98

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

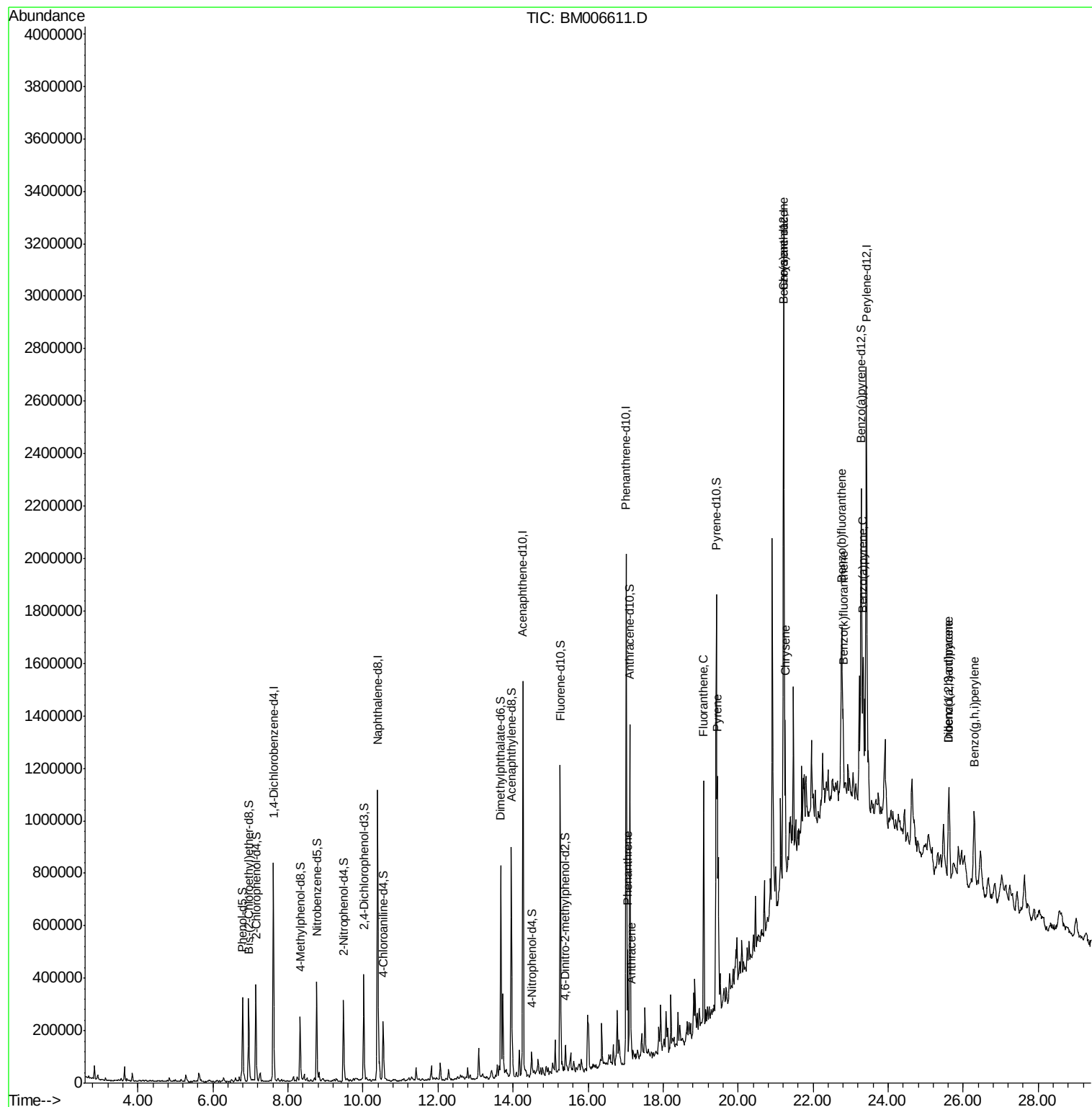
Data Path : Z:\HPCHEM1\BNA M\DATA\BM072116\
Data File : BM006611.D
Acq On : 22 Jul 2016 06:08
Operator : UM/SJ
Sample : H4077-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

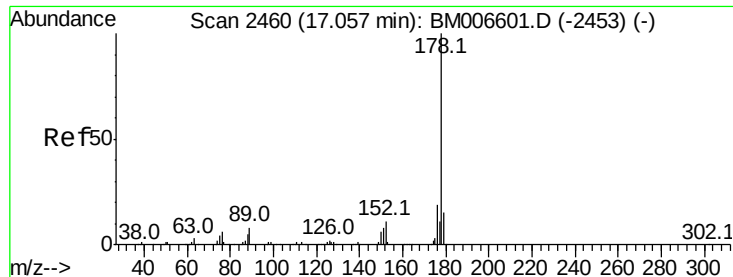
Instrument :
BNA_M
ClientSampleId :
D9YQ8

Manual Integrations

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Quant Time: Jul 22 07:53:09 2016
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Quant Title : SVOA CALIBRATION
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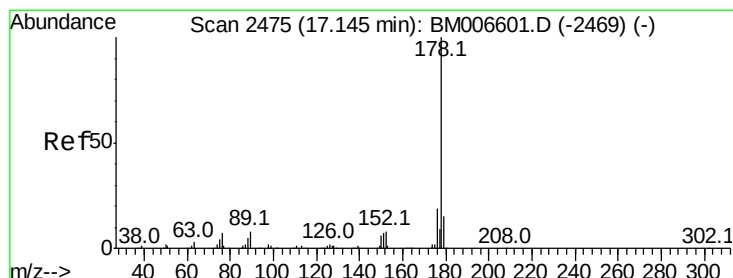
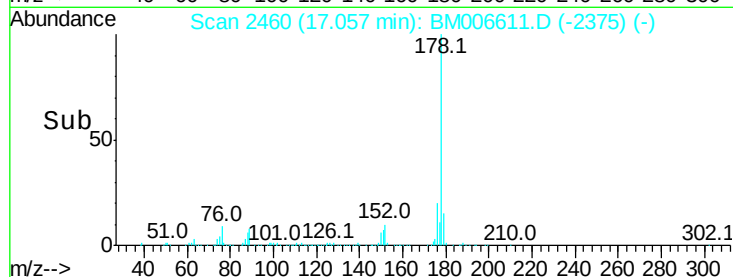
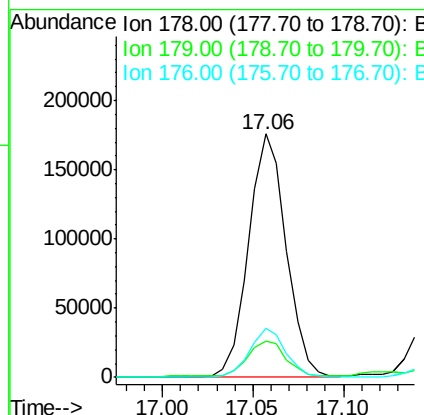
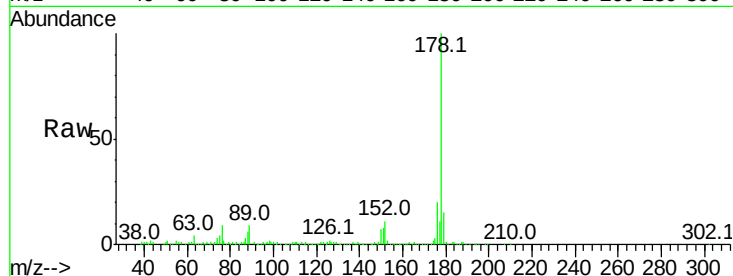
#25
Phenanthrene
Concen: 3.99 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BM006611.D
Acq: 22 Jul 2016 06:08

Instrument :
BNA_M
ClientSampleId :
D9YQ8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.8	17.8
176	20.0	14.8	22.2

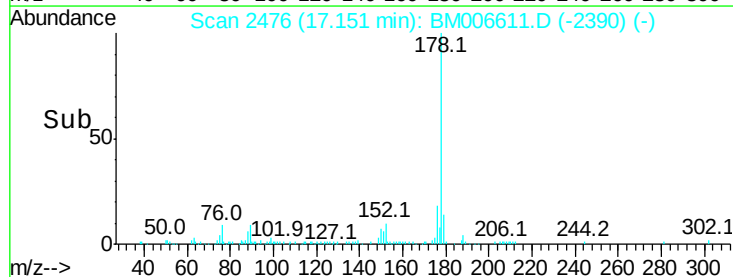
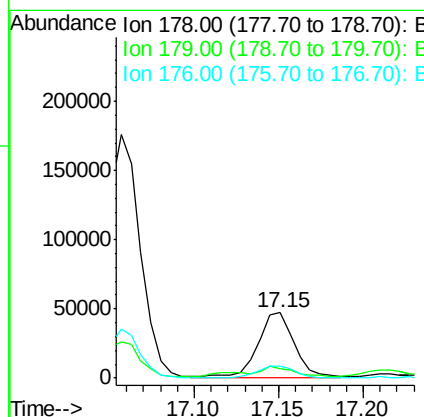
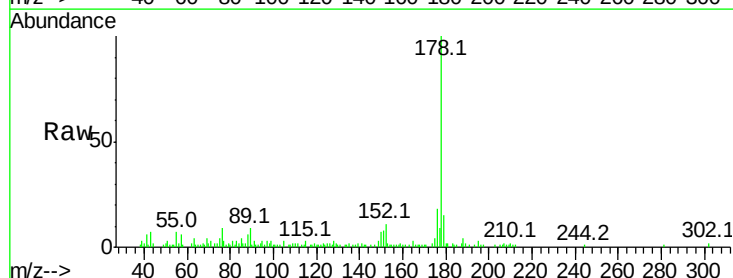
Manual Integrations

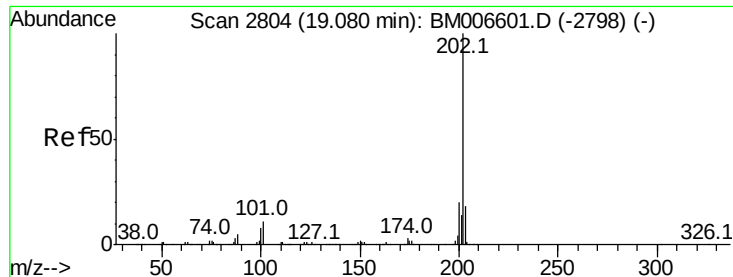
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#27
Anthracene
Concen: 1.06 ng/ul
RT: 17.15 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BM006611.D
Acq: 22 Jul 2016 06:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.9	19.3
176	18.4	15.6	23.4





#28

Fluoranthene

Concen: 7.42 ng/ul

RT: 19.08 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BM006611.D

Acq: 22 Jul 2016 06:08

Instrument :

BNA_M

ClientSampled :

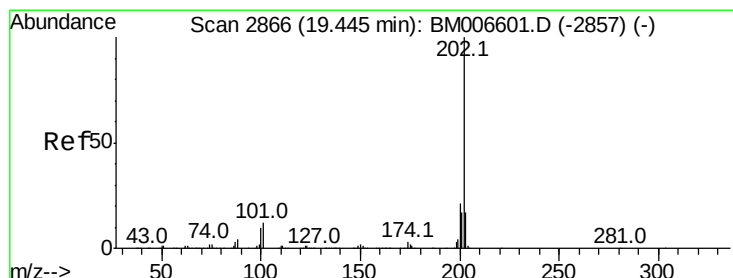
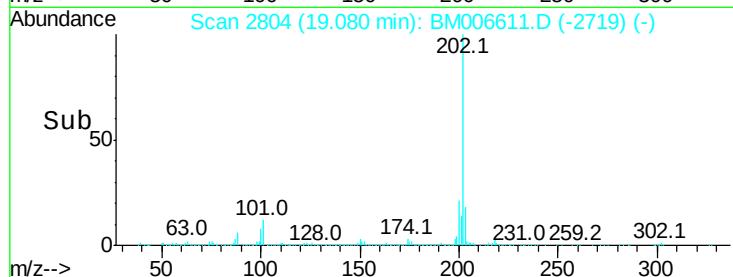
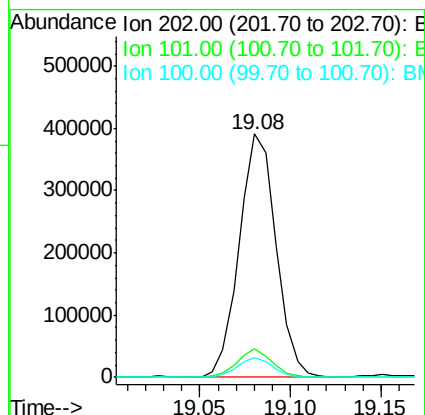
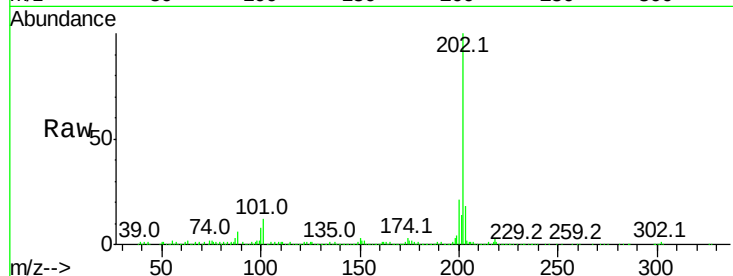
D9YQ8

Tot Ion:	202	Resp:	548165
Ion Ratio	Lower	Upper	
202	100		
101	11.6	8.9	13.3
100	8.1	7.0	10.4

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#31

Pyrene

Concen: 6.94 ng/ul

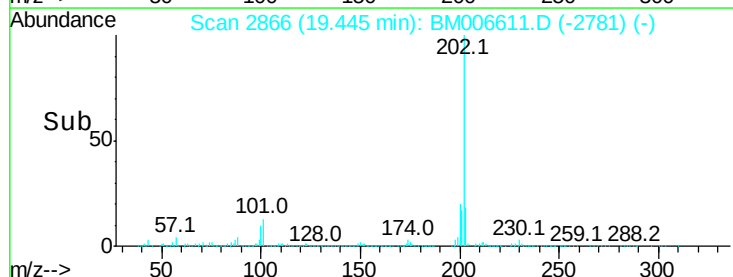
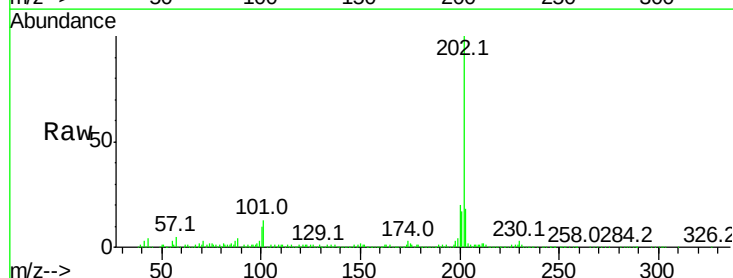
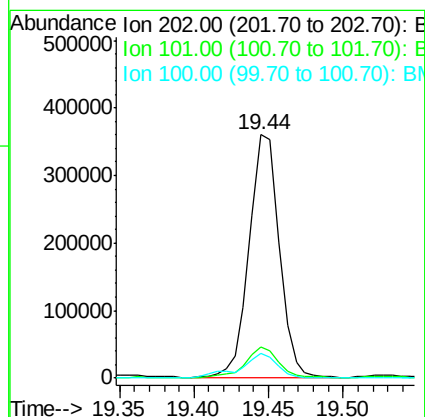
RT: 19.44 min Scan# 2866

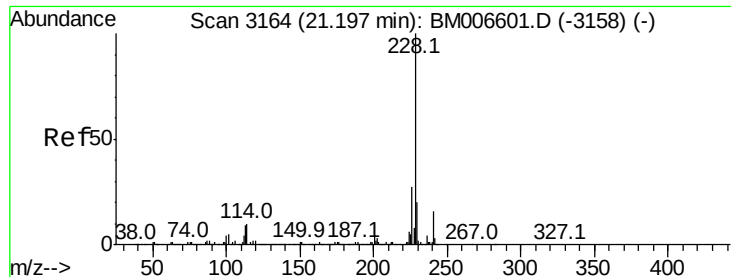
Delta R.T. 0.00 min

Lab File: BM006611.D

Acq: 22 Jul 2016 06:08

Tgt Ion:	202	Resp:	503290
Ion Ratio	Lower	Upper	
202	100		
101	13.0	9.8	14.8
100	10.0	9.3	13.9





#32

Benzo(a)anthracene

Concen: 4.47 ng/ul

RT: 21.20 min Scan# 3165

Delta R.T. 0.01 min

Lab File: BM006611.D

Acq: 22 Jul 2016 06:08

Instrument :

BNA_M

ClientSampleId :

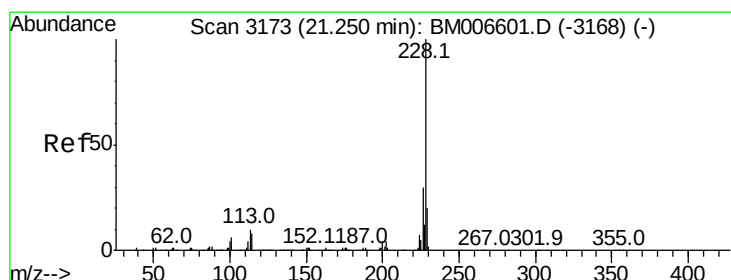
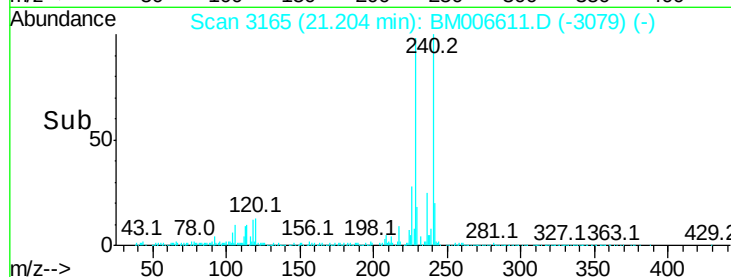
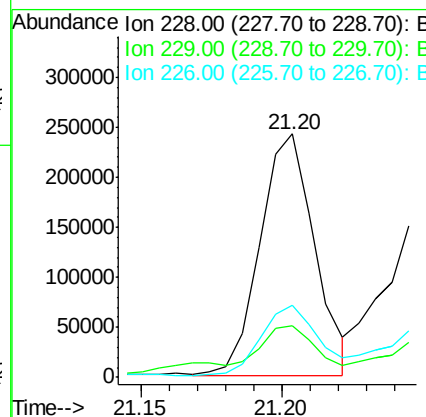
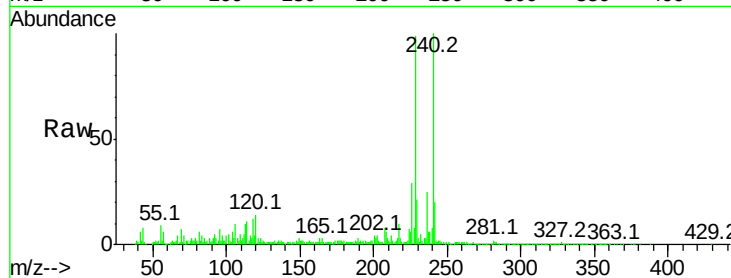
D9YQ8

Tot Ion:	228	Resp:	324182
Ion Ratio	Lower	Upper	
228	100		
229	21.4	16.6	25.0
226	29.6	21.0	31.4

Manual Integrations

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#33

Chrysene

Concen: 5.29 ng/ul

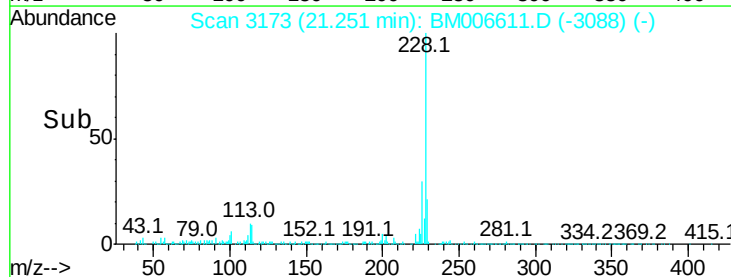
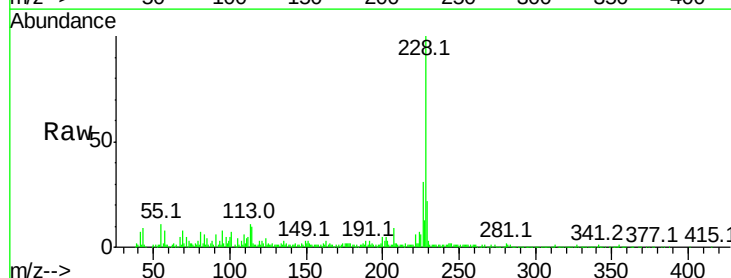
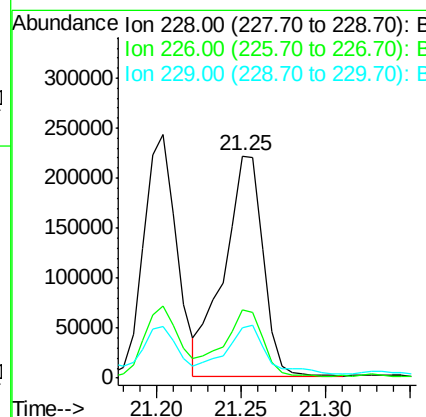
RT: 21.25 min Scan# 3173

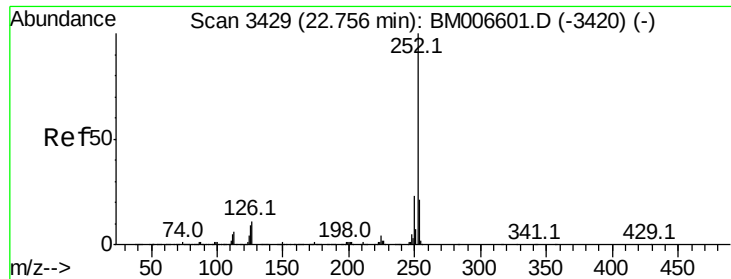
Delta R.T. 0.00 min

Lab File: BM006611.D

Acq: 22 Jul 2016 06:08

Tgt Ion:	228	Resp:	353732
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.2
229	22.4	16.2	24.2





#35

Benzo(b)fluoranthene

Concen: 7.24 ng/ul

RT: 22.76 min Scan# 3430

Delta R.T. 0.01 min

Lab File: BM006611.D

Acq: 22 Jul 2016 06:08

Instrument :

BNA_M

ClientSampleId :

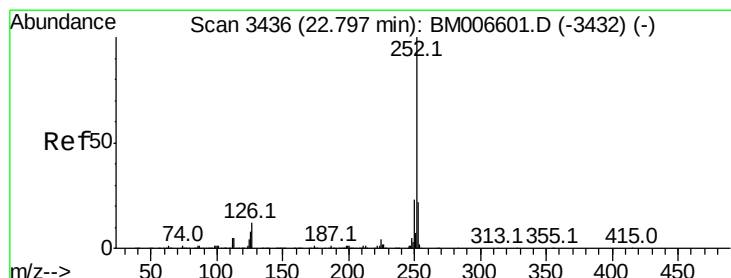
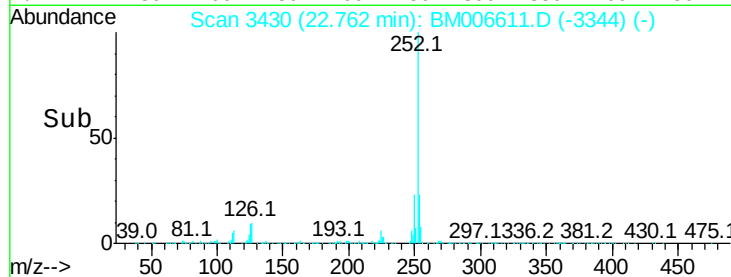
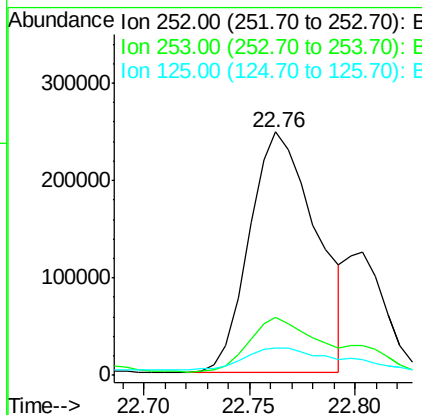
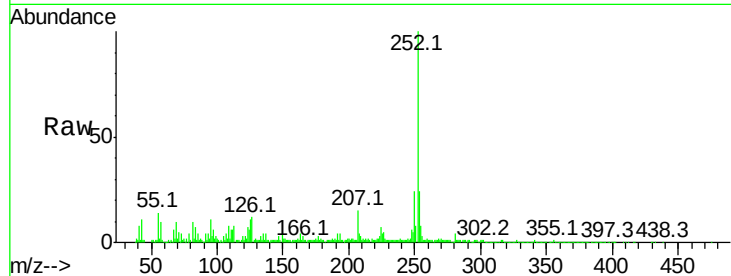
D9YQ8

Tot Ion:	252	Resp:	545867
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.1	27.1
125	11.4	7.6	11.4

Manual Integrations

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#36

Benzo(k)fluoranthene

Concen: 2.21 ng/ul m

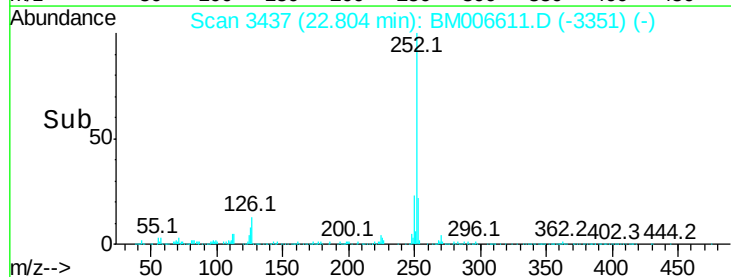
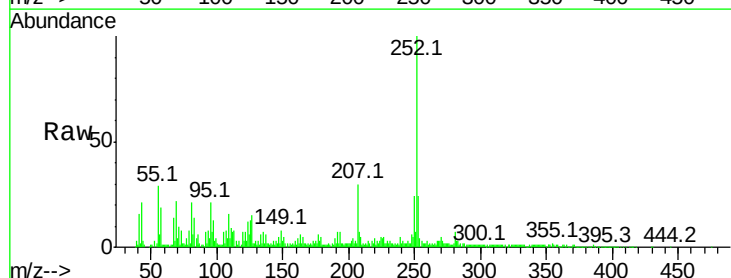
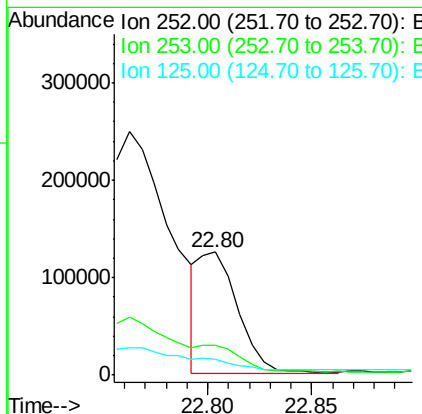
RT: 22.80 min Scan# 3437

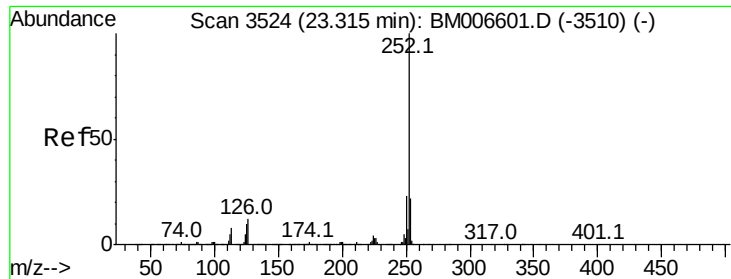
Delta R.T. 0.01 min

Lab File: BM006611.D

Acq: 22 Jul 2016 06:08

Tgt Ion:	252	Resp:	160968
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.8	26.8
125	13.0	7.7	11.5#





#38

Benzo(a)pyrene

Concen: 5.08 ng/ul

RT: 23.33 min Scan# 3526

Delta R.T. 0.01 min

Lab File: BM006611.D

Acq: 22 Jul 2016 06:08

Instrument :

BNA_M

ClientSampled :

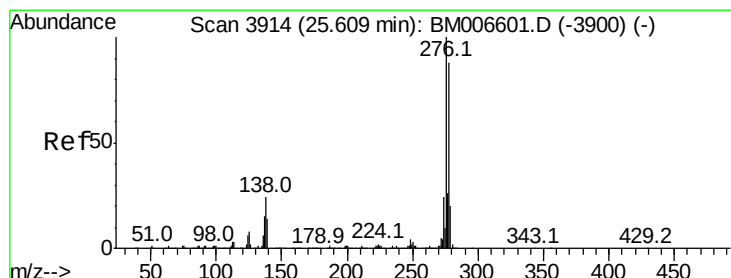
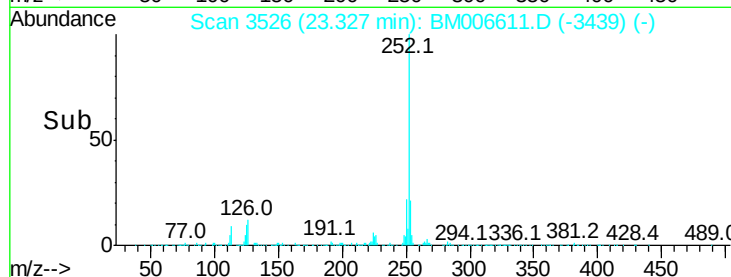
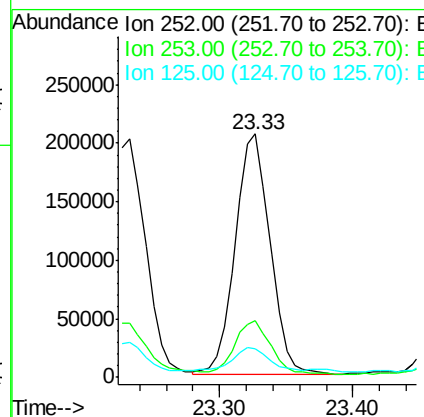
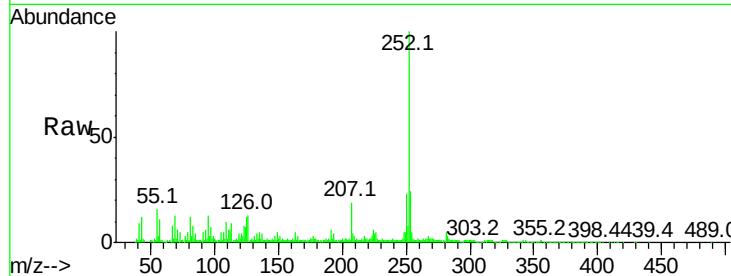
D9YQ8

Tot Ion:	252	Resp:	373218
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.0
125	11.7	8.2	12.2

Manual Integrations

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#39

Indeno(1,2,3-cd)pyrene

Concen: 3.76 ng/ul

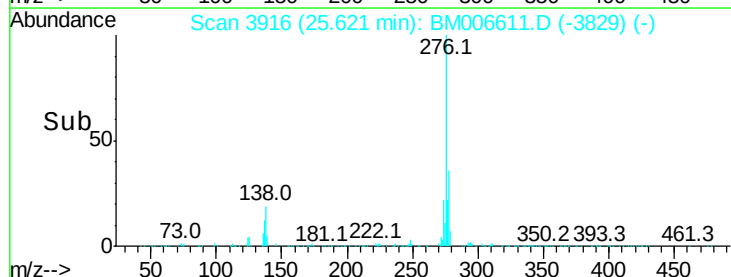
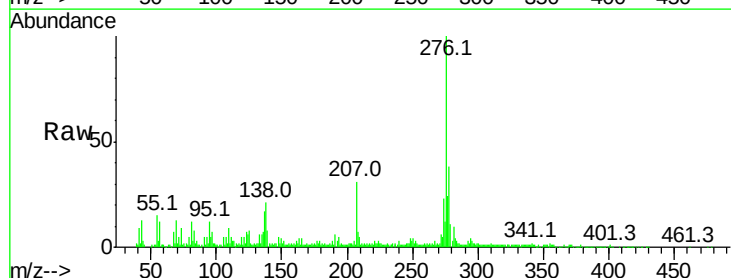
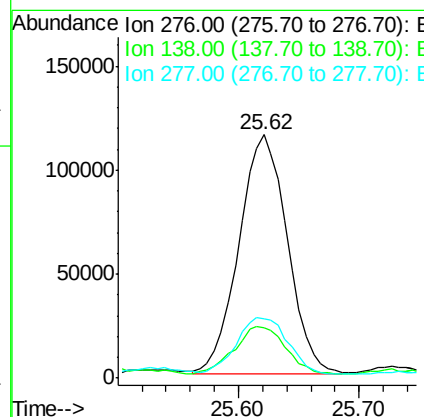
RT: 25.62 min Scan# 3916

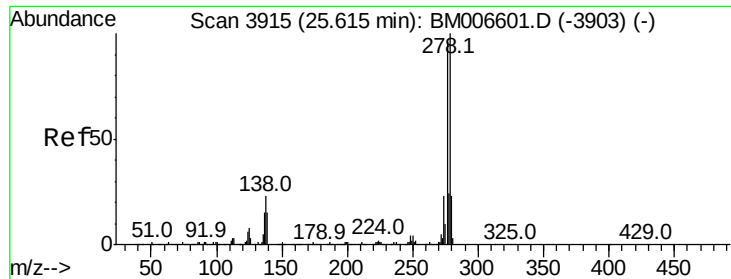
Delta R.T. 0.01 min

Lab File: BM006611.D

Acq: 22 Jul 2016 06:08

Tgt Ion:	276	Resp:	319718
Ion Ratio	Lower	Upper	
276	100		
138	20.8	15.8	23.6
277	24.3	19.0	28.6





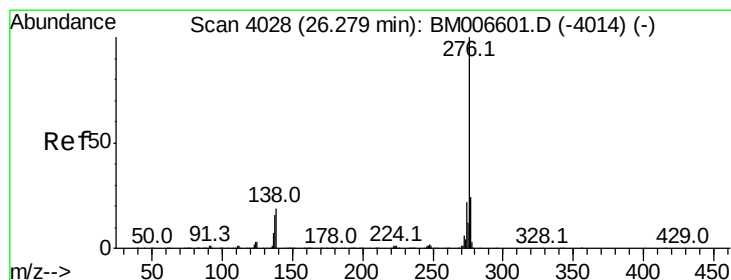
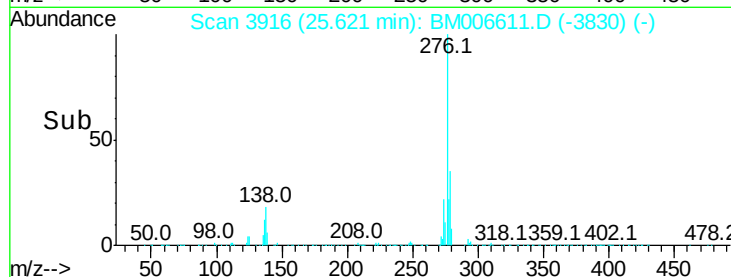
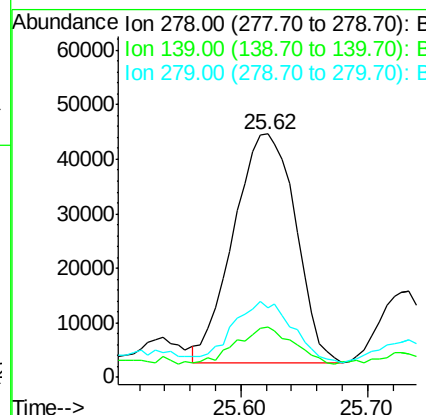
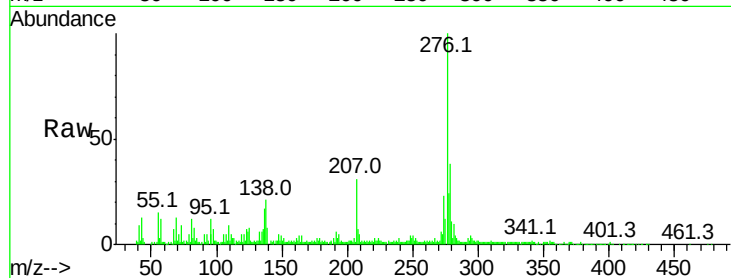
#40
Dibenzo(a,h)anthracene
Concen: 2.03 ng/ul
RT: 25.62 min Scan# 3916
Delta R.T. 0.01 min
Lab File: BM006611.D
Acq: 22 Jul 2016 06:08

Instrument :
BNA_M
ClientSampleId :
D9YQ8

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.7	12.1	18.1#
279	28.4	19.8	29.8

Manual Integrations

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#41
Benzo(g,h,i)perylene
Concen: 4.83 ng/ul
RT: 26.30 min Scan# 4032
Delta R.T. 0.02 min
Lab File: BM006611.D
Acq: 22 Jul 2016 06:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.4	13.9	20.9
277	25.1	19.8	29.6

