

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
 Data File : BM005765.D
 Acq On : 13 Jun 2016 01:04
 Operator : UM/SJ
 Sample : H3536-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y26

Manual Integrations
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Quant Time: Jun 13 04:14:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 13 03:29:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	123757	20.00	ng/ul	0.00
7) Naphthalene-d8	10.54	136	600165	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	325293	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	568608	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	458780	20.00	ng/ul	0.00
34) Perylene-d12	23.58	264	476668	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.19	96	3651	1.28	ng/uL	0.00
3) Phenol-d5	6.93	99	149098	13.96	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.08	67	110813	17.27	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	143287	16.59	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	85264	9.45	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	75124	17.37	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	82349	16.84	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	145405	16.39	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	75353	7.04	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	500151	18.64	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	628164	19.14	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	33254m	8.47	ng/ul	0.00
21) Fluorene-d10	15.39	176	415883	18.31	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	13811	4.70	ng/ul	-0.01
26) Anthracene-d10	17.24	188	522265	19.50	ng/ul	0.00
30) Pyrene-d10	19.53	212	462227	20.97	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	442948	20.37	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Phenanthrene	17.18	178	187601	6.03	ng/ul	99
27) Anthracene	17.27	178	38820	1.23	ng/ul	98
28) Fluoranthene	19.20	202	334694	9.16	ng/ul	98
31) Pyrene	19.56	202	278058	9.96	ng/ul	99
32) Benzo(a)anthracene	21.30	228	159973	6.04	ng/ul	97
33) Chrysene	21.36	228	166948	6.39	ng/ul	97
35) Benzo(b)fluoranthene	22.90	252	258491	9.13	ng/ul	98
36) Benzo(k)fluoranthene	22.94	252	76064m	2.66	ng/ul	
38) Benzo(a)pyrene	23.48	252	165006	6.14	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.87	276	123857	4.72	ng/ul#	93
40) Dibenzo(a,h)anthracene	25.86	278	32525	1.48	ng/ul#	81
41) Benzo(g,h,i)perylene	26.57	276	112261	5.12	ng/ul	99

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

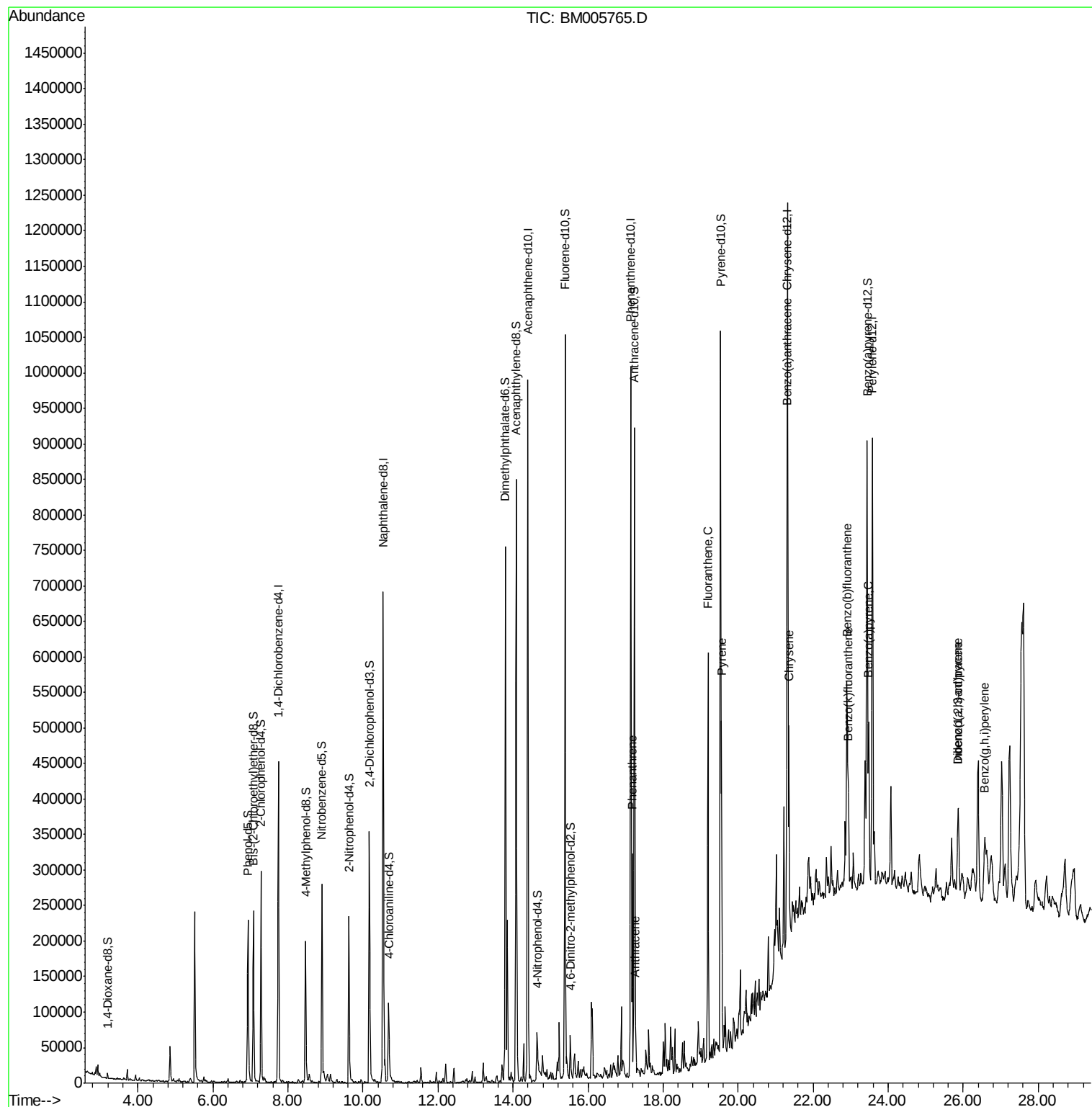
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
Data File : BM005765.D
Acq On : 13 Jun 2016 01:04
Operator : UM/SJ
Sample : H3536-16
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ALS Vial : 25 Sample Multiplier: 1

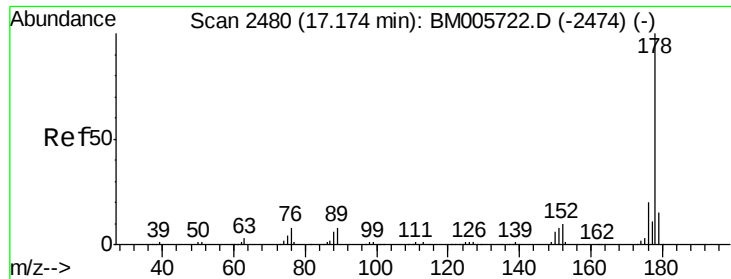
Instrument :
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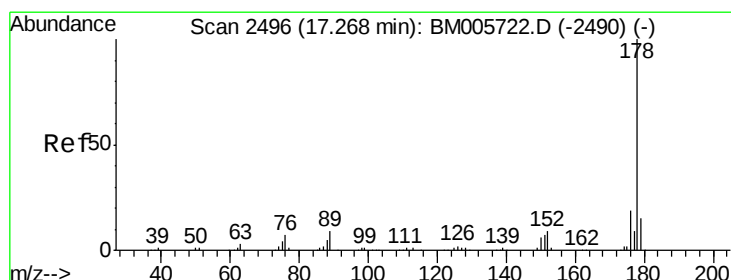
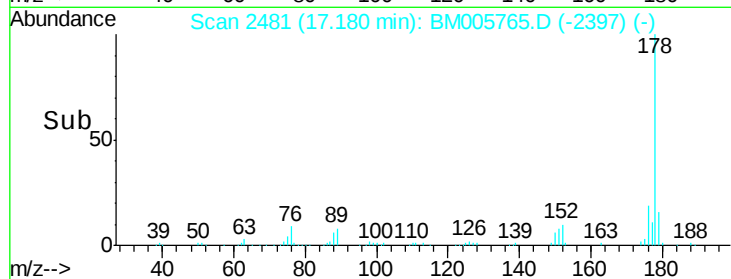
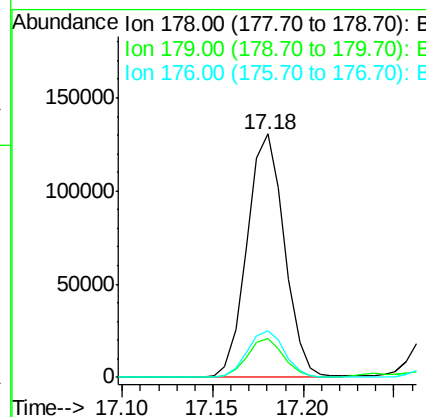
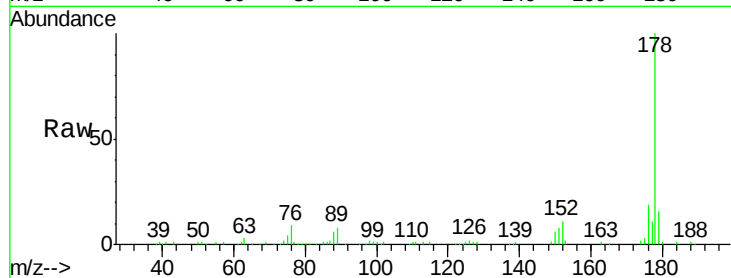
#25
 Phenanthrene
 Concen: 6.03 ng/ul
 RT: 17.18 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM005765.D
 Acq: 13 Jun 2016 01:04

Instrument :
 BNA_M
 ClientSampleId :
 D9Y26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.4	18.6
176	19.1	15.8	23.6

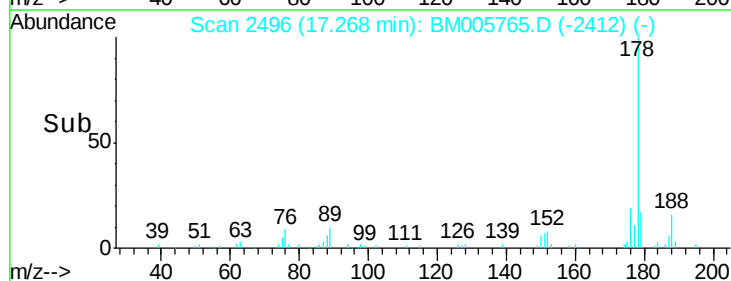
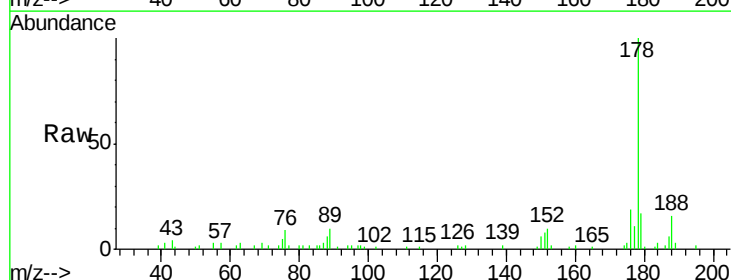
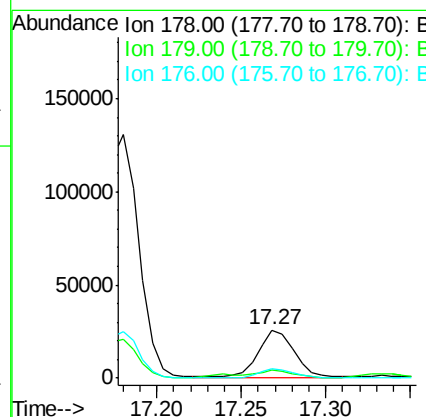
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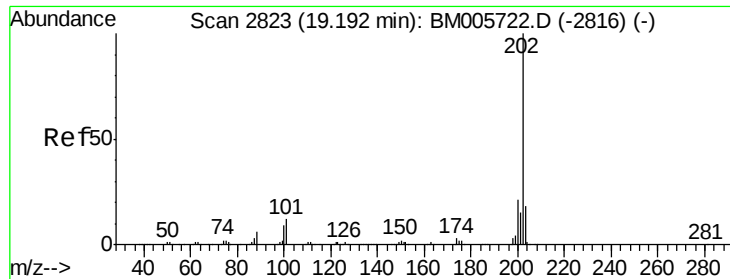
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#27
 Anthracene
 Concen: 1.23 ng/ul
 RT: 17.27 min Scan# 2496
 Delta R.T. -0.01 min
 Lab File: BM005765.D
 Acq: 13 Jun 2016 01:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.1	18.1
176	18.9	15.0	22.6





#28

Fluoranthene

Concen: 9.16 ng/ul

RT: 19.20 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM005765.D

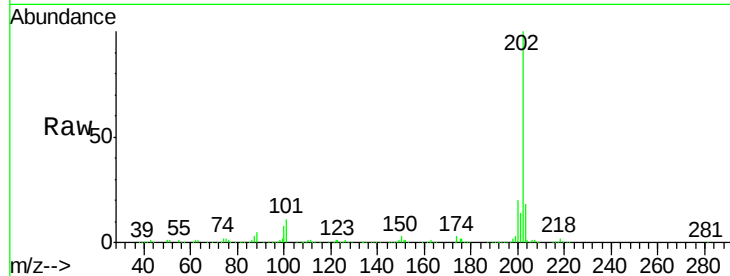
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Instrument :

BNA_M

ClientSampleId :

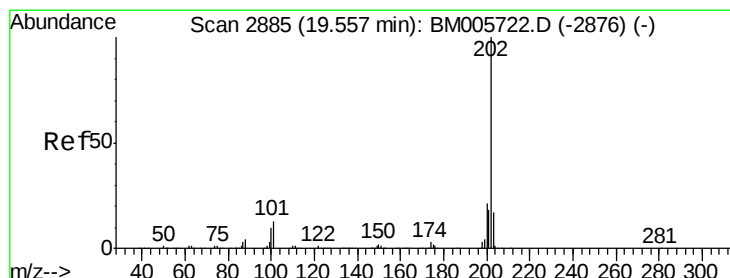
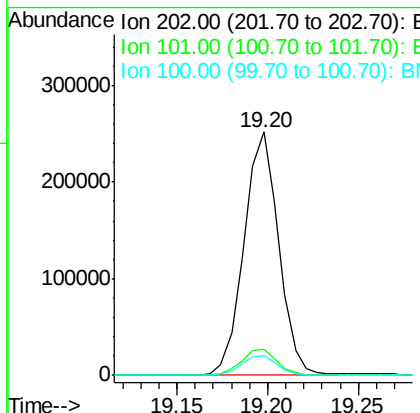
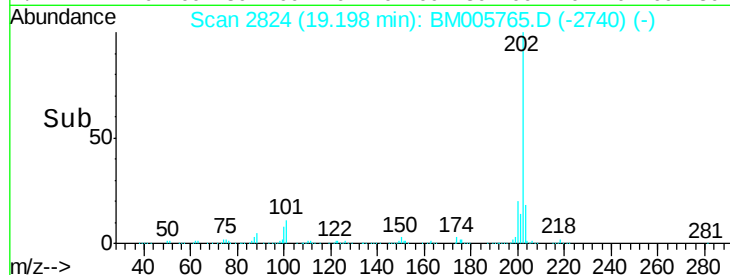
D9Y26



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	334694		
101	10.8	9.4	14.2	
100	8.1	6.9	10.3	

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#31

Pyrene

Concen: 9.96 ng/ul

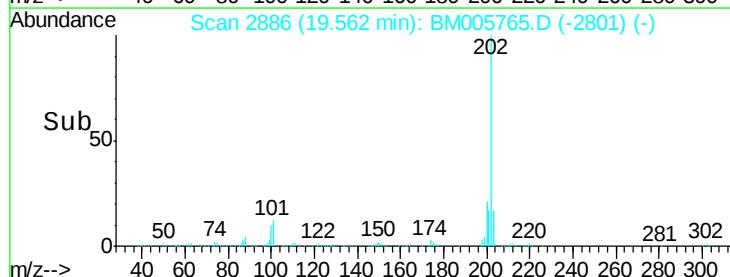
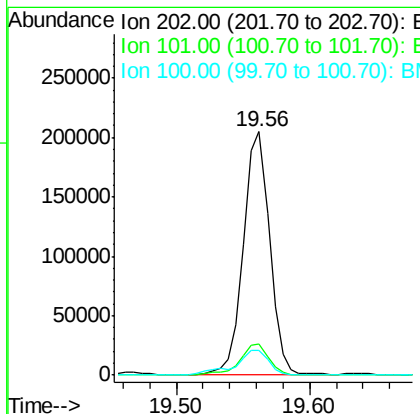
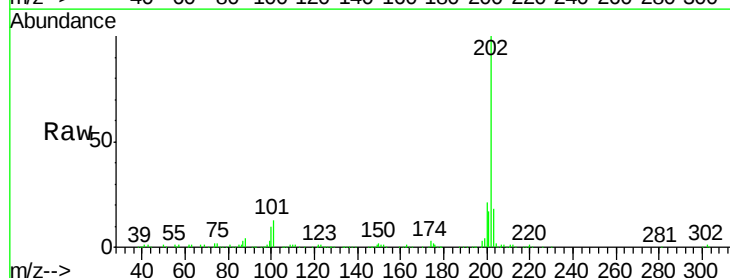
RT: 19.56 min Scan# 2886

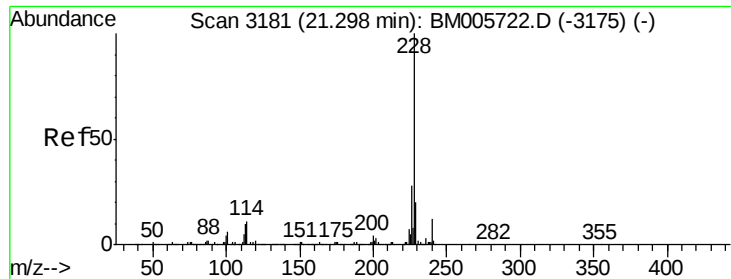
Delta R.T. 0.00 min

Lab File: BM005765.D

Acq: 13 Jun 2016 01:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	278058		
101	12.6	10.6	15.8	
100	10.3	8.4	12.6	





#32

Benzo(a)anthracene

Concen: 6.04 ng/ul

RT: 21.30 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BM005765.D

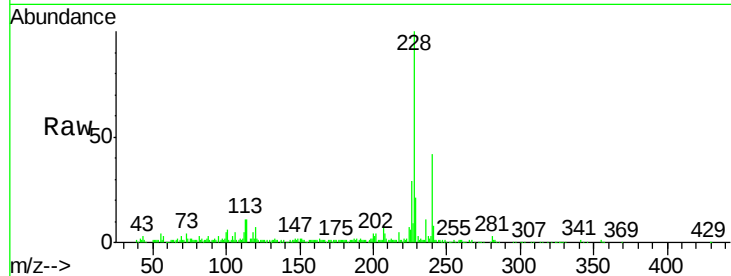
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Instrument :

BNA_M

ClientSampleId :

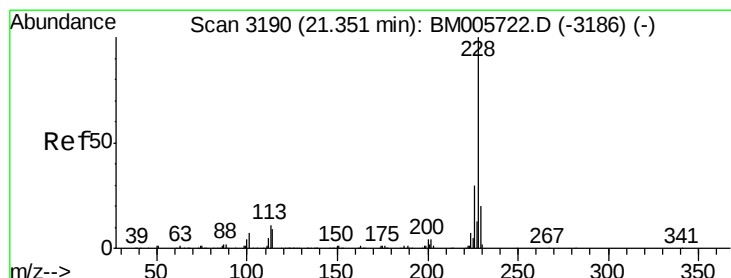
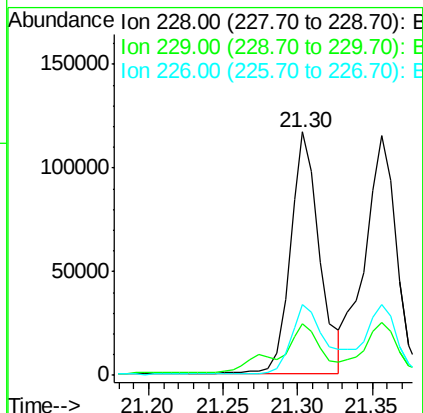
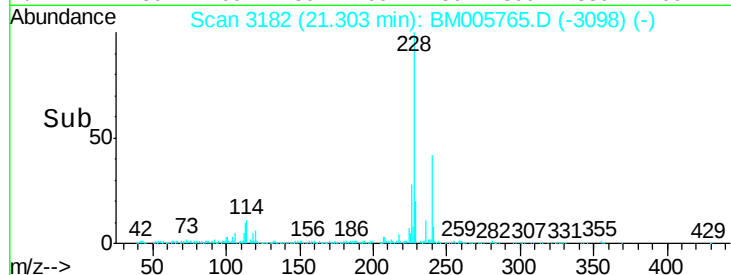
D9Y26



Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.1	24.1
226	28.8	22.1	33.1

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#33

Chrysene

Concen: 6.39 ng/ul

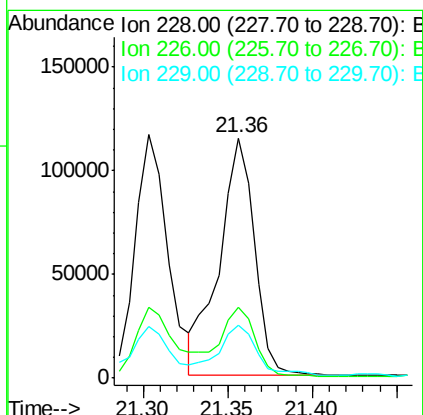
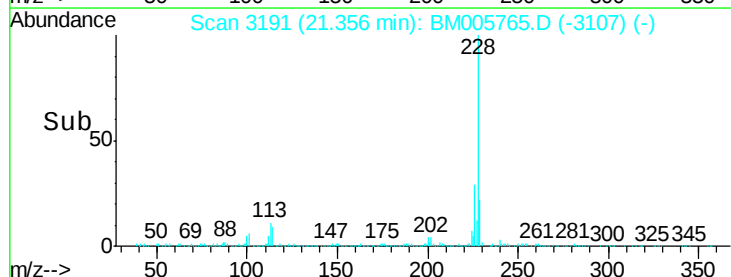
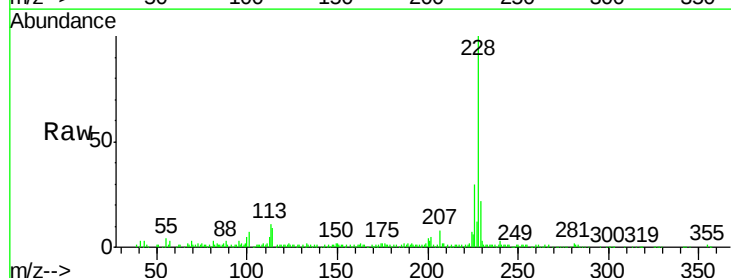
RT: 21.36 min Scan# 3191

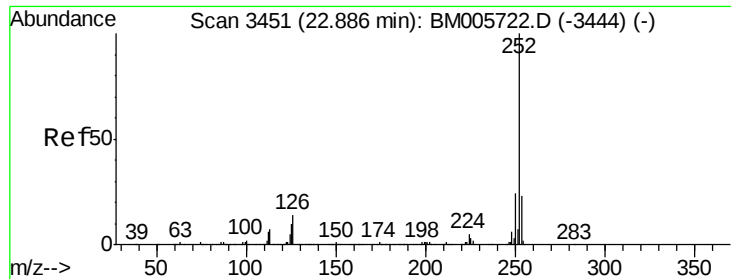
Delta R.T. -0.01 min

Lab File: BM005765.D

Acq: 13 Jun 2016 01:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	22.2	15.8	23.8





#35

Benzo(b)fluoranthene

Concen: 9.13 ng/ul

RT: 22.90 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BM005765.D

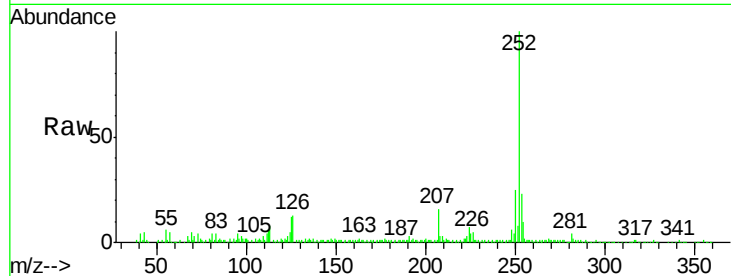
Acq: 13 Jun 2016 01:04

Instrument :

BNA_M

ClientSampleId :

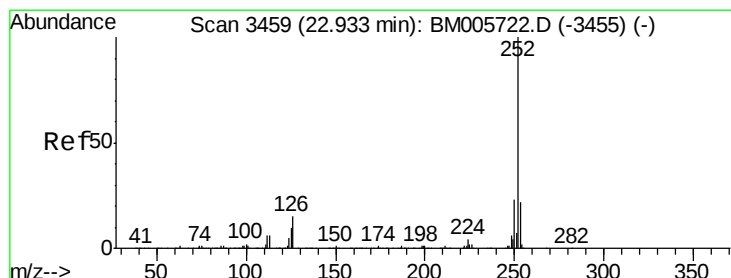
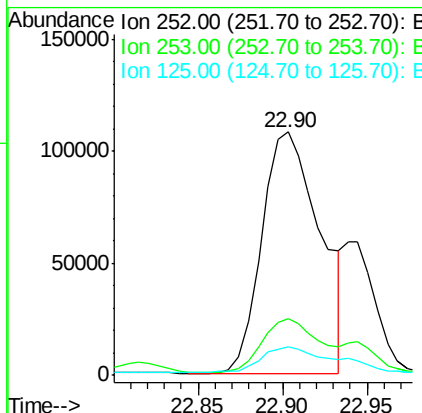
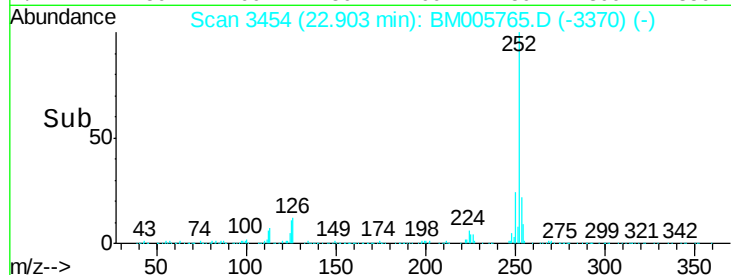
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Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.3	18.2	27.2
125	11.6	8.4	12.6

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#36

Benzo(k)fluoranthene

Concen: 2.66 ng/ul m

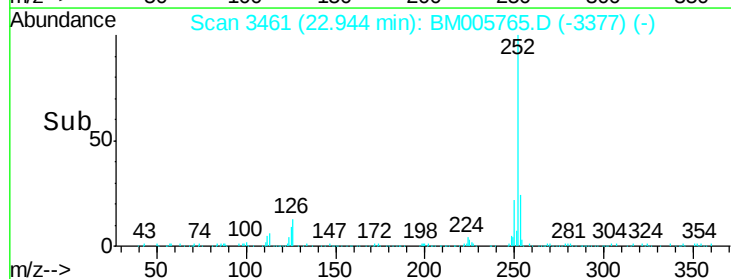
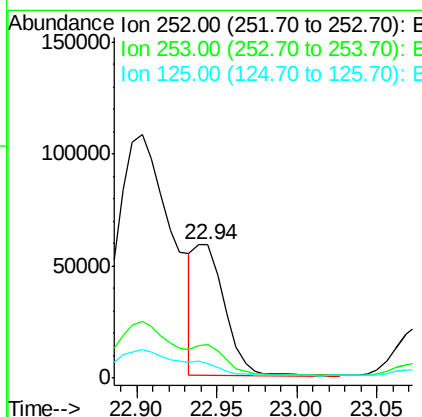
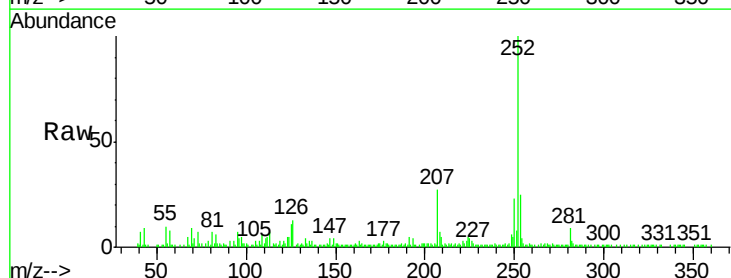
RT: 22.94 min Scan# 3461

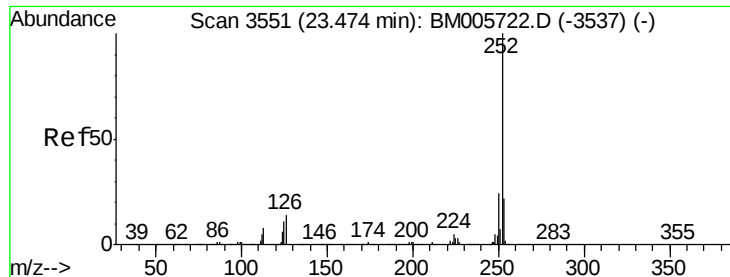
Delta R.T. -0.01 min

Lab File: BM005765.D

Acq: 13 Jun 2016 01:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.9	17.5	26.3
125	10.7	8.2	12.2





#38

Benzo(a)pyrene

Concen: 6.14 ng/ul

RT: 23.48 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BM005765.D

Acq: 13 Jun 2016 01:04

Instrument :

BNA_M

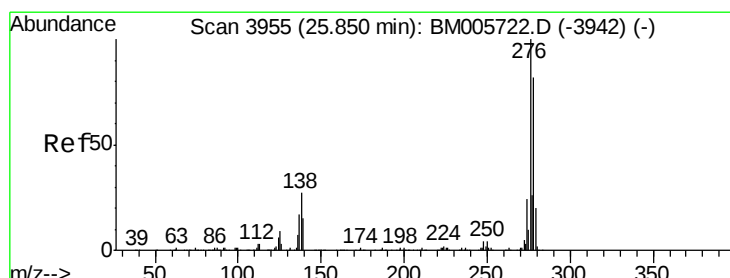
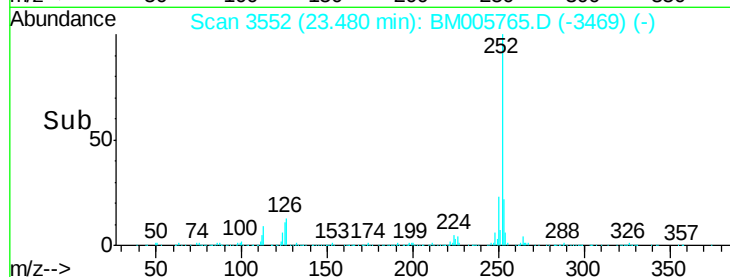
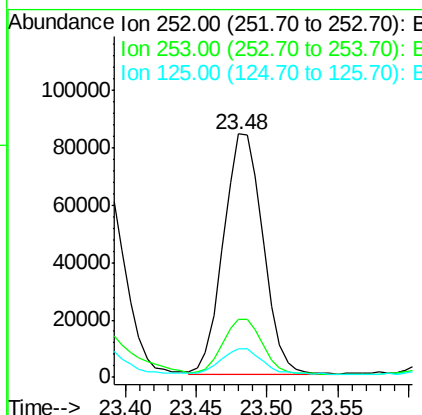
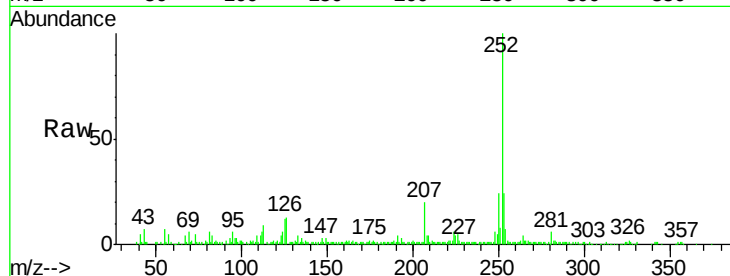
ClientSampleId :

D9Y26

Tgt Ion:	252	Resp:	165006
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.7	26.5
125	11.8	9.1	13.7

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#39

Indeno(1,2,3-cd)pyrene

Concen: 4.72 ng/ul

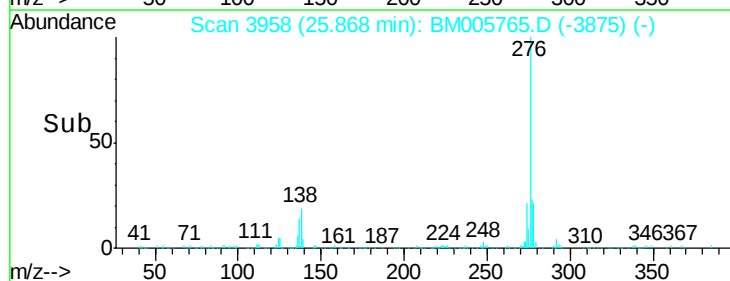
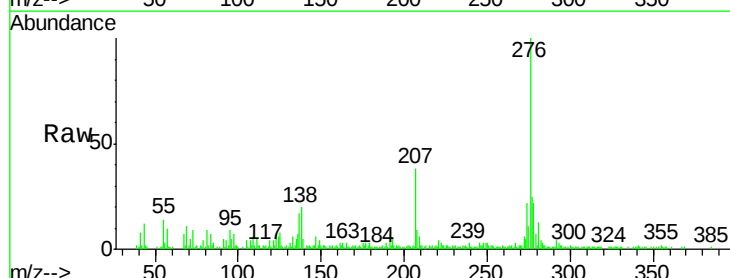
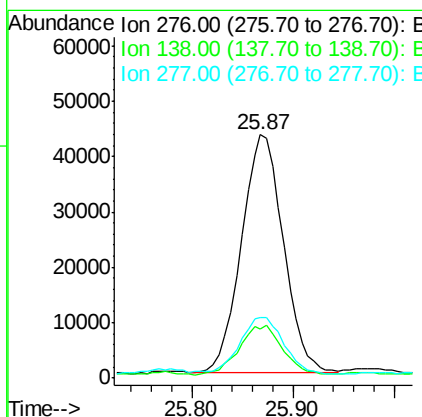
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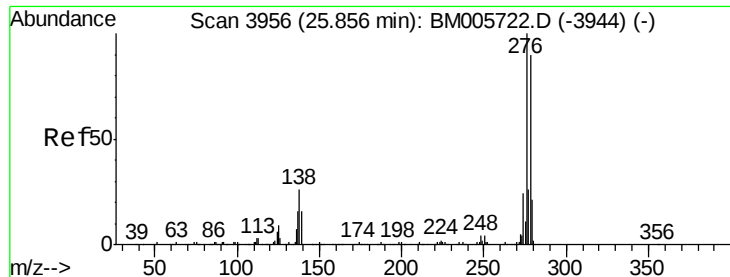
Delta R.T. -0.01 min

Lab File: BM005765.D

Acq: 13 Jun 2016 01:04

Tgt Ion:	276	Resp:	123857
Ion Ratio	Lower	Upper	
276	100		
138	20.4	21.4	32.2#
277	24.7	20.5	30.7





#40

Dibenzo(a,h)anthracene

Concen: 1.48 ng/ul

RT: 25.86 min Scan# 3957

Delta R.T. -0.02 min

Lab File: BM005765.D

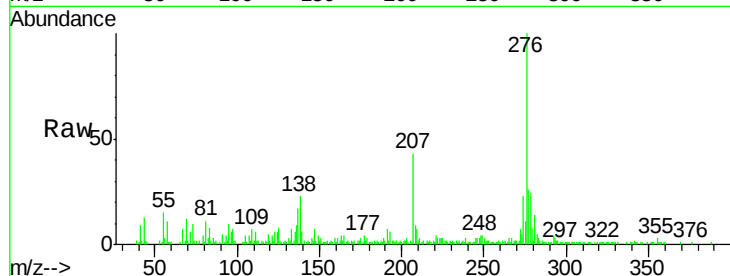
Acq: 13 Jun 2016 01:04

Instrument :

BNA_M

ClientSampled :

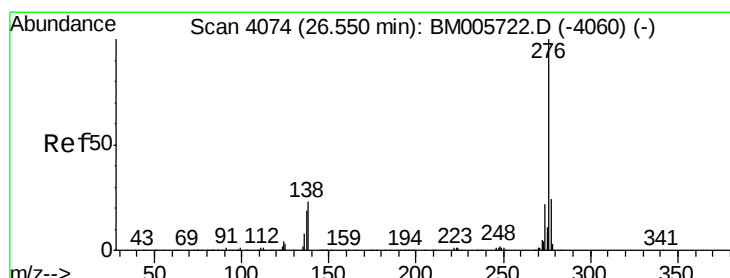
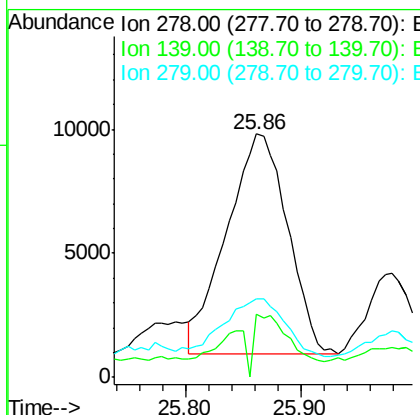
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Tgt Ion:	278	Resp:	32525
Ion Ratio	Lower	Upper	
278	100		
139	26.1	14.2	21.4#
279	32.5	18.8	28.2#

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#41

Benzo(g,h,i)perylene

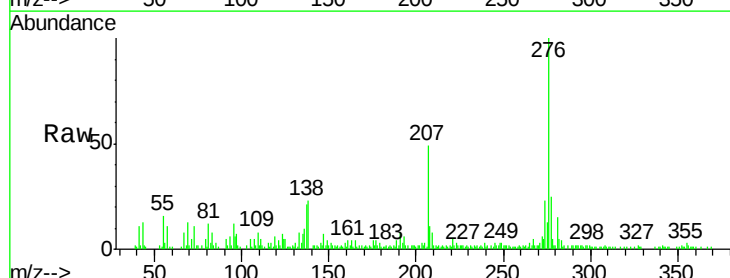
Concen: 5.12 ng/ul

RT: 26.57 min Scan# 4078

Delta R.T. -0.01 min

Lab File: BM005765.D

Acq: 13 Jun 2016 01:04



Tgt Ion:	276	Resp:	112261
Ion Ratio	Lower	Upper	
276	100		
138	23.1	18.2	27.4
277	25.3	19.5	29.3

