

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
 Data File : BM005760.D
 Acq On : 12 Jun 2016 22:03
 Operator : UM/SJ
 Sample : H3536-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y16

Manual Integrations
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Quant Time: Jun 13 04:02:53 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	108989	20.00	ng/ul	0.00
7) Naphthalene-d8	10.54	136	535071	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	287567	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	486208	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	406525	20.00	ng/ul	0.00
34) Perylene-d12	23.58	264	427096	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.19	96	4013	1.60	ng/uL	0.00
3) Phenol-d5	6.93	99	147574	15.69	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	115982	20.52	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	147527	19.40	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	88792	11.17	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	79540	20.63	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	87541	20.08	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	147724	18.68	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	347303	36.40	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	488424	20.59	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	626751	21.60	ng/ul	0.00
20) 4-Nitrophenol-d4	14.65	143	21429m	6.18	ng/ul	0.00
21) Fluorene-d10	15.39	176	397738	19.80	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	11545	4.59	ng/ul	0.00
26) Anthracene-d10	17.24	188	479596	20.94	ng/ul	0.00
30) Pyrene-d10	19.53	212	434754	22.26	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	414274	21.27	ng/ul	0.00

Target Compounds

					Qvalue
11) Naphthalene	10.59	128	75733	2.82 ng/ul	99
13) 2-Methylnaphthalene	12.20	142	39338	1.95 ng/ul	99
14) 1-Methylnaphthalene	12.43	142	27753	1.39 ng/ul	100
25) Phenanthrene	17.18	178	125986	4.73 ng/ul	99
27) Anthracene	17.27	178	27246	1.01 ng/ul	98
28) Fluoranthene	19.20	202	188813	6.04 ng/ul	99
31) Pyrene	19.56	202	167156	6.76 ng/ul	98
32) Benzo(a)anthracene	21.30	228	117191	4.99 ng/ul	96
33) Chrysene	21.36	228	137035	5.92 ng/ul	96
35) Benzo(b)fluoranthene	22.90	252	216109	8.52 ng/ul	98
36) Benzo(k)fluoranthene	22.94	252	67032m	2.61 ng/ul	
38) Benzo(a)pyrene	23.49	252	130208	5.41 ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.87	276	106240	4.52 ng/ul	95
40) Dibenzo(a,h)anthracene	25.86	278	32376	1.65 ng/ul#	77
41) Benzo(g,h,i)perylene	26.57	276	94001	4.78 ng/ul	98

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

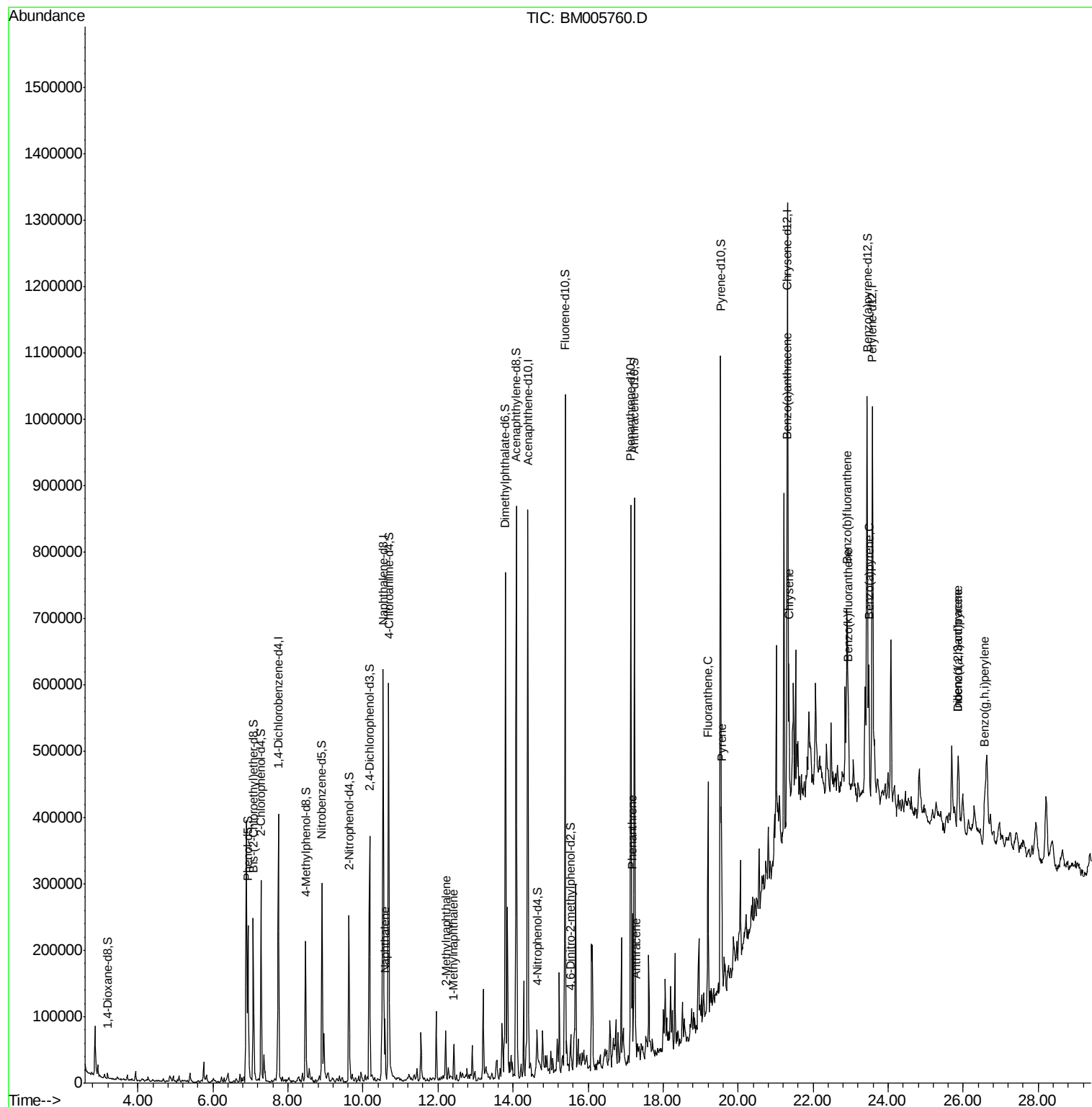
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
Data File : BM005760.D
Acq On : 12 Jun 2016 22:03
Operator : UM/SJ
Sample : H3536-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

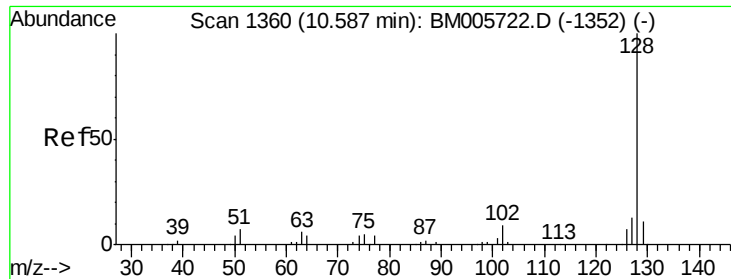
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
Quant Title : SVOA CALIBRATION
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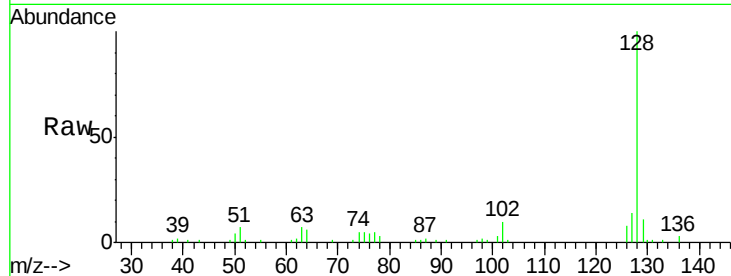
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Naphthalene
Concen: 2.82 ng/ul
RT: 10.59 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BM005760.D
Acq: 12 Jun 2016 22:03

Instrument :
BNA_M
ClientSampleId :
D9Y16

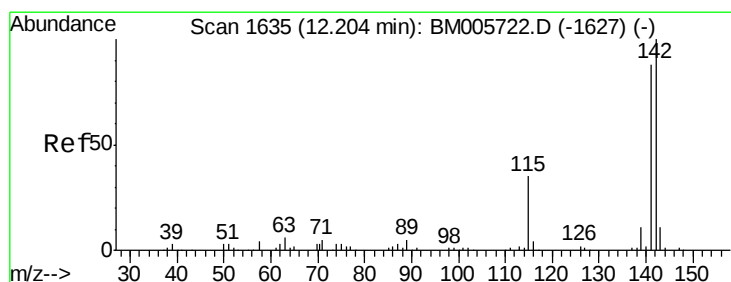
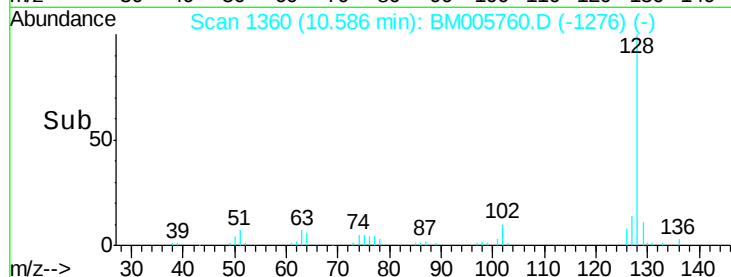
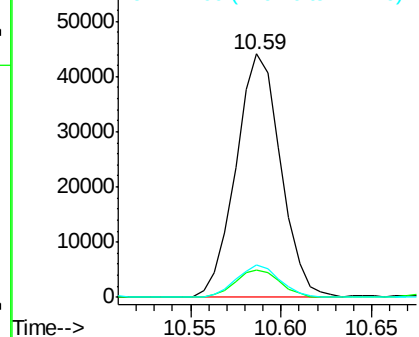
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.5	10.3	15.5

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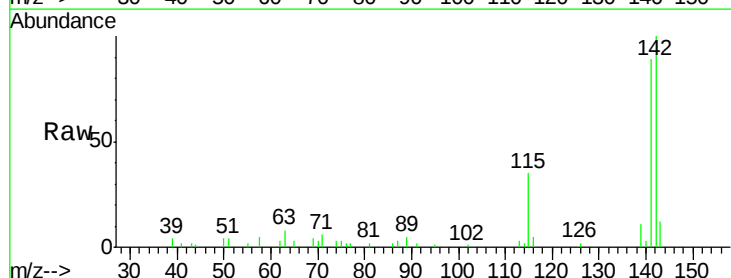


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Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

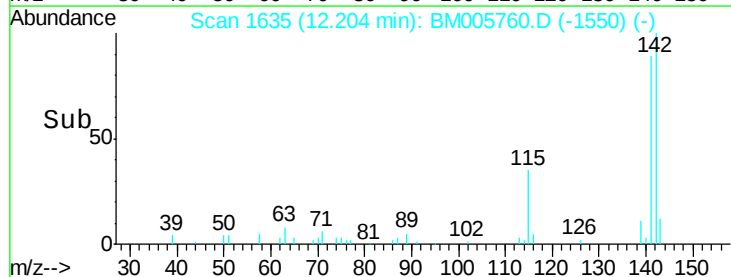
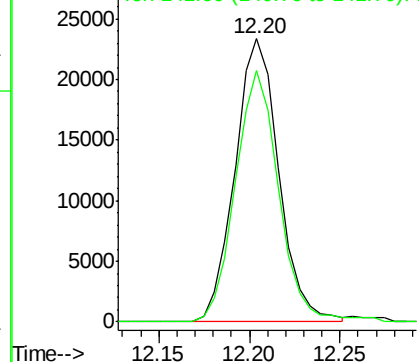


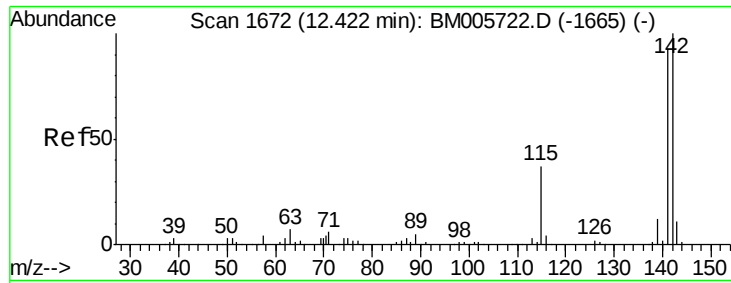
#13
2-Methylnaphthalene
Concen: 1.95 ng/ul
RT: 12.20 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BM005760.D
Acq: 12 Jun 2016 22:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.2	105.4



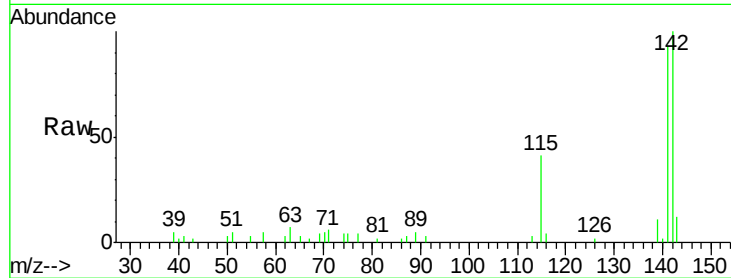
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#14
 1-Methylnaphthalene
 Concen: 1.39 ng/ul
 RT: 12.43 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BM005760.D
 Acq: 12 Jun 2016 22:03

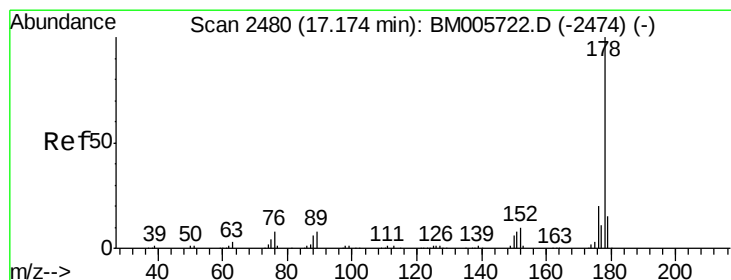
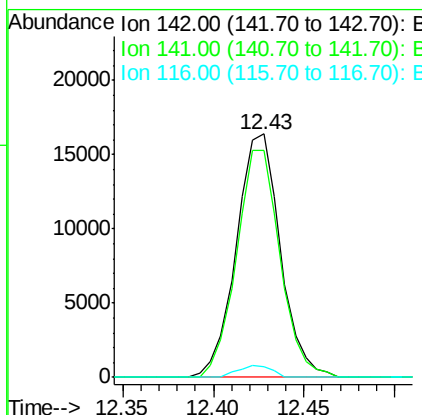
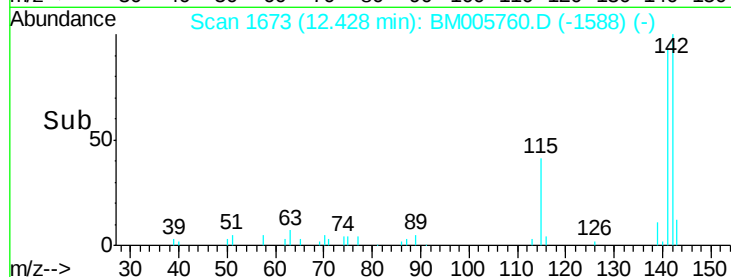
Instrument :
 BNA_M
 ClientSampleId :
 D9Y16



Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.6	111.8
116	4.5	3.0	4.6

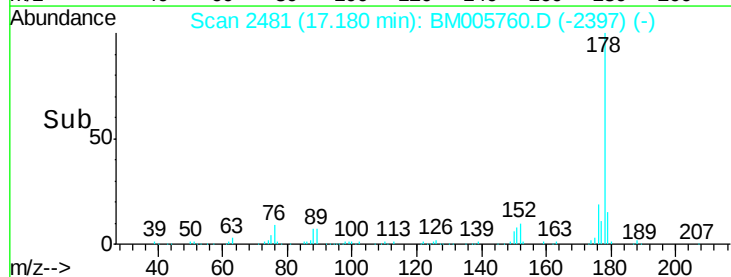
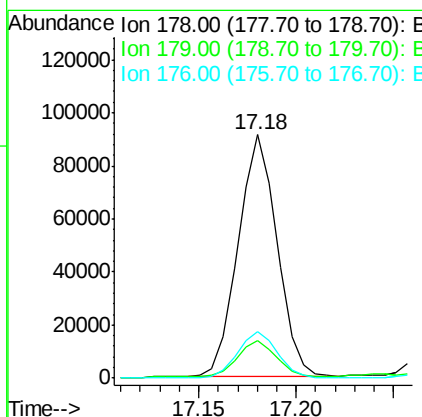
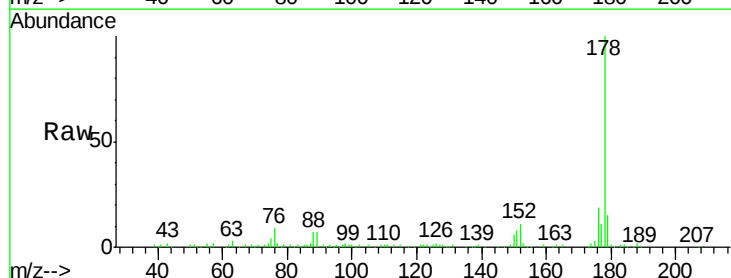
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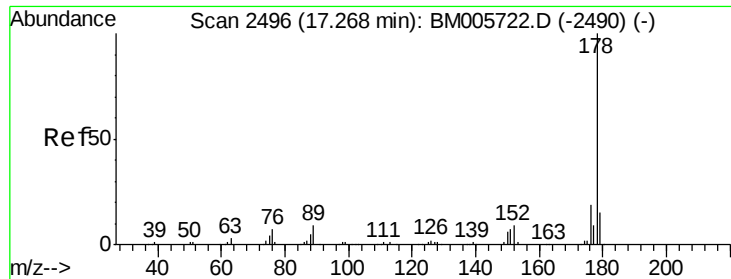
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#25
 Phenanthrene
 Concen: 4.73 ng/ul
 RT: 17.18 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM005760.D
 Acq: 12 Jun 2016 22:03

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	19.1	15.8	23.6





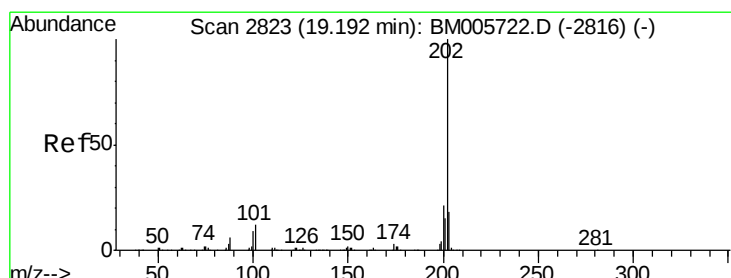
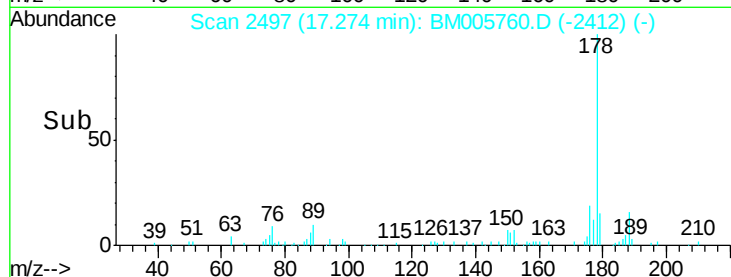
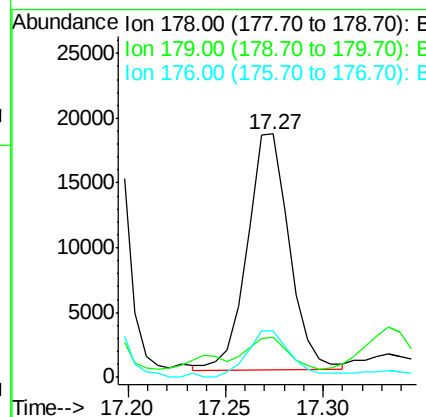
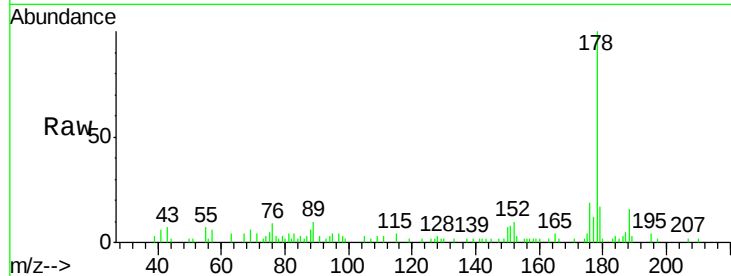
#27
 Anthracene
 Concen: 1.01 ng/ul
 RT: 17.27 min Scan# 2497
 Delta R.T. 0.00 min
 Lab File: BM005760.D
 Acq: 12 Jun 2016 22:03

Instrument :
 BNA_M
 ClientSampleId :
 D9Y16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.1	18.1
176	19.2	15.0	22.6

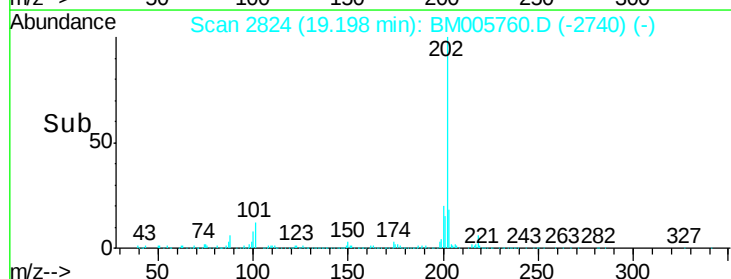
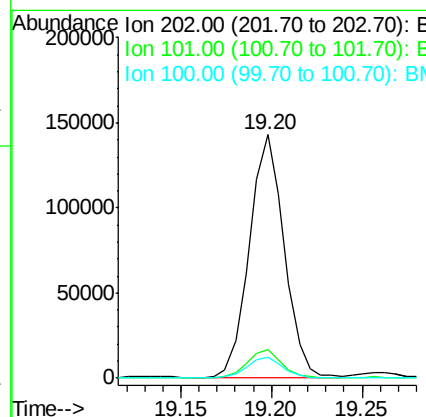
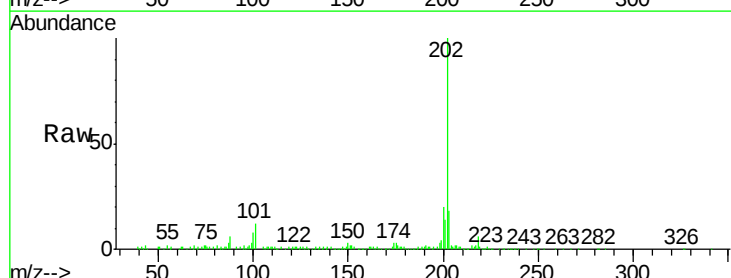
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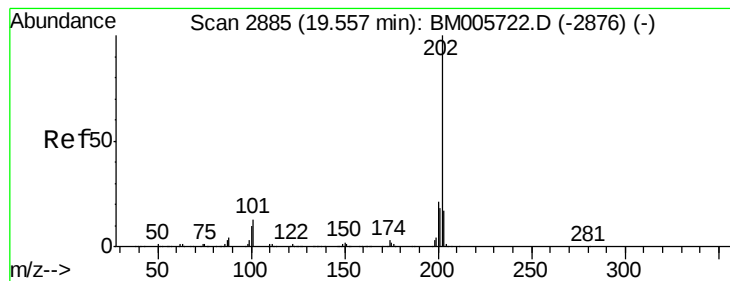
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#28
 Fluoranthene
 Concen: 6.04 ng/ul
 RT: 19.20 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM005760.D
 Acq: 12 Jun 2016 22:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.4	14.2
100	8.4	6.9	10.3





#31

Pyrene

Concen: 6.76 ng/ul

RT: 19.56 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BM005760.D

Acq: 12 Jun 2016 22:03

Instrument :

BNA_M

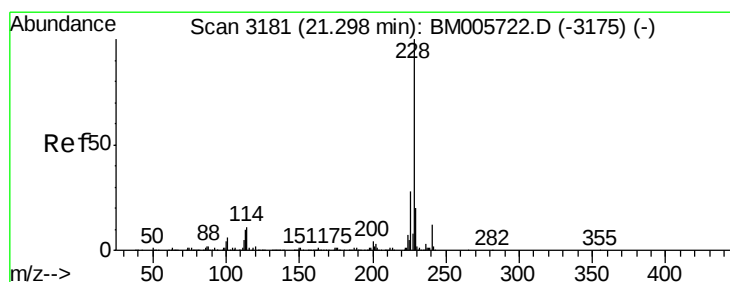
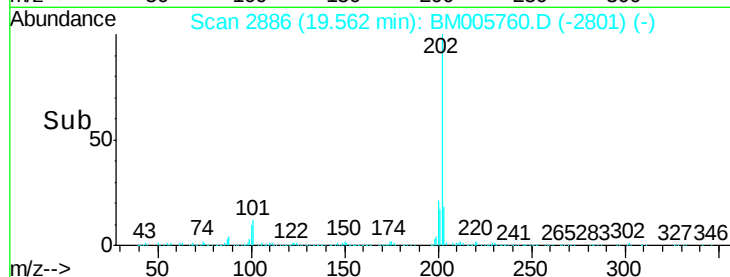
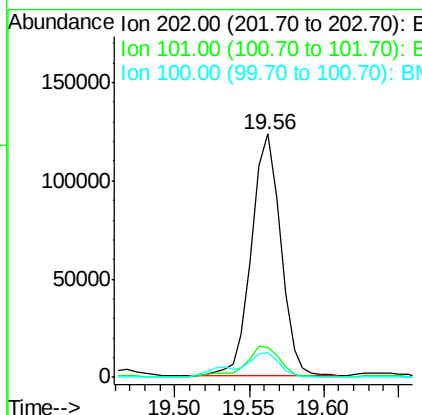
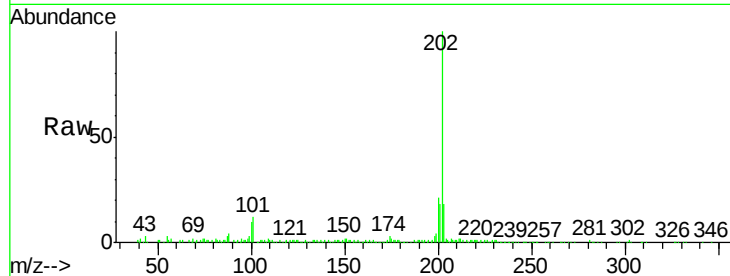
ClientSampleId :

D9Y16

Tgt Ion:	202	Resp:	167156
Ion Ratio	Lower	Upper	
202	100		
101	12.3	10.6	15.8
100	10.0	8.4	12.6

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#32

Benzo(a)anthracene

Concen: 4.99 ng/ul

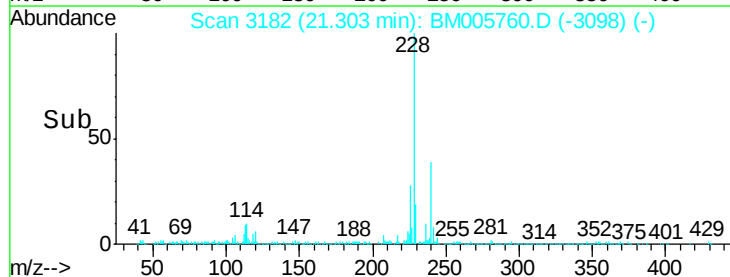
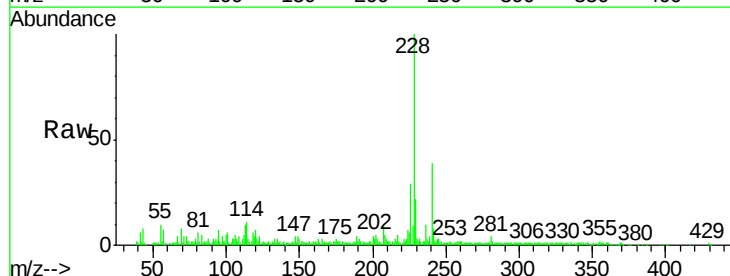
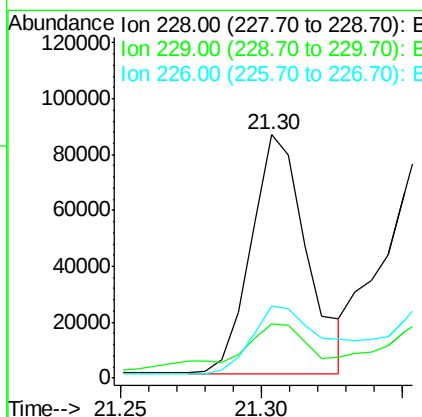
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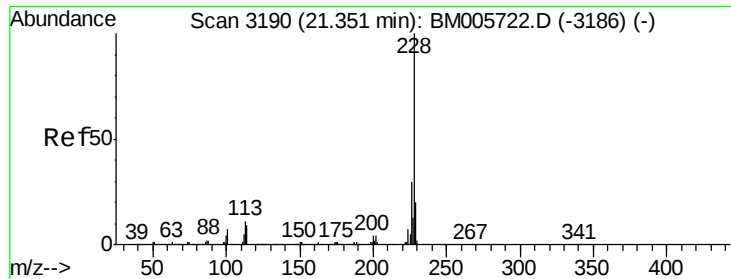
Delta R.T. -0.01 min

Lab File: BM005760.D

Acq: 12 Jun 2016 22:03

Tgt Ion:	228	Resp:	117191
Ion Ratio	Lower	Upper	
228	100		
229	22.5	16.1	24.1
226	29.4	22.1	33.1





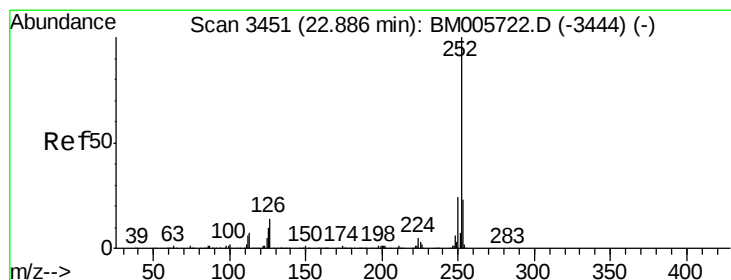
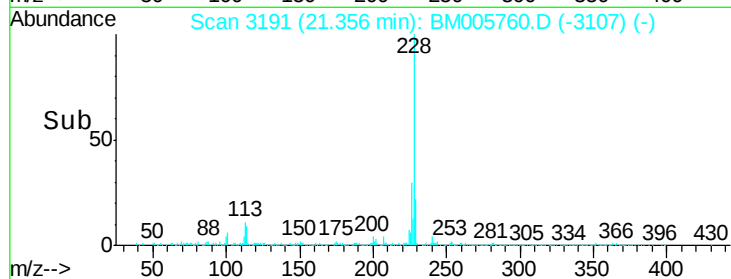
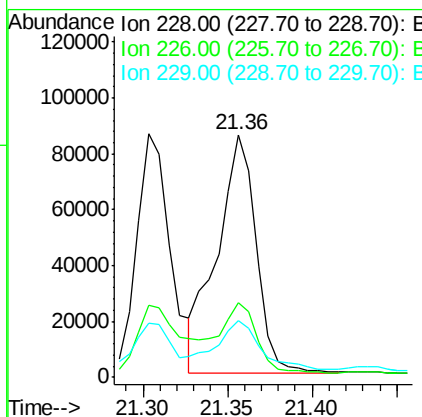
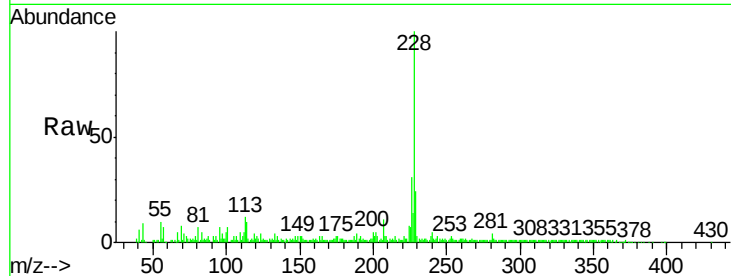
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Chrysene
Concen: 5.92 ng/ul
RT: 21.36 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BM005760.D
Acq: 12 Jun 2016 22:03

Instrument :
BNA_M
ClientSampleId :
D9Y16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	137035		
226	30.8	24.2	36.2	
229	23.6	15.8	23.8	

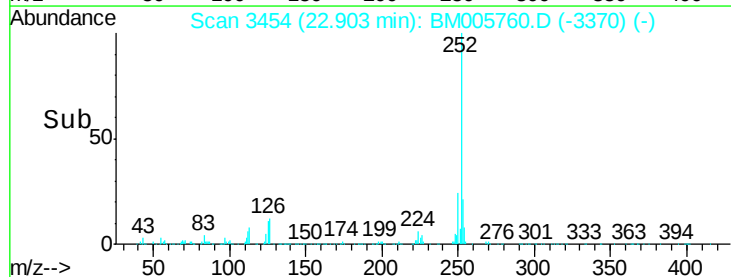
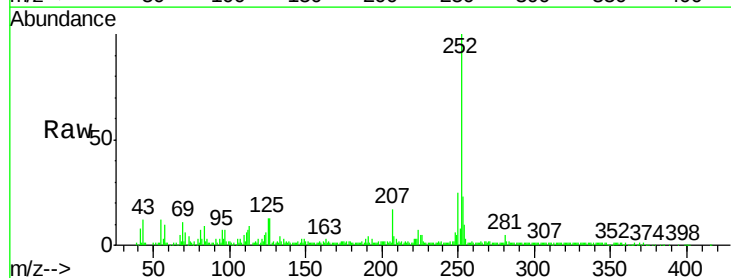
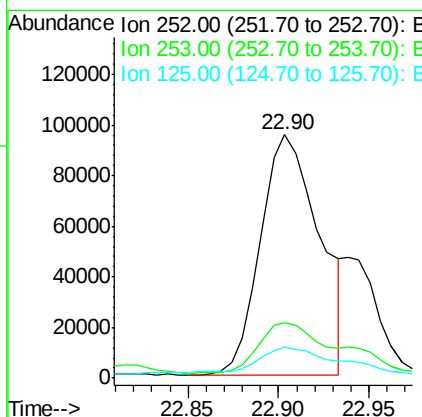
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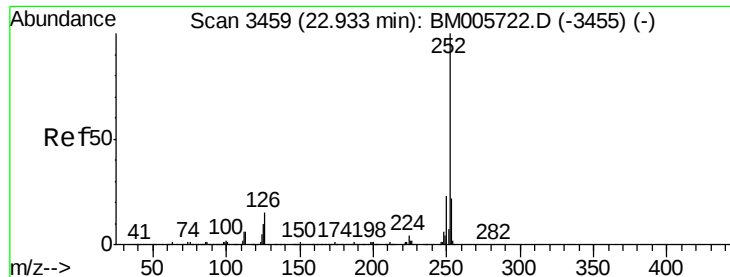
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#35
Benzo(b)fluoranthene
Concen: 8.52 ng/ul
RT: 22.90 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BM005760.D
Acq: 12 Jun 2016 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	216109		
253	23.0	18.2	27.2	
125	12.6	8.4	12.6	





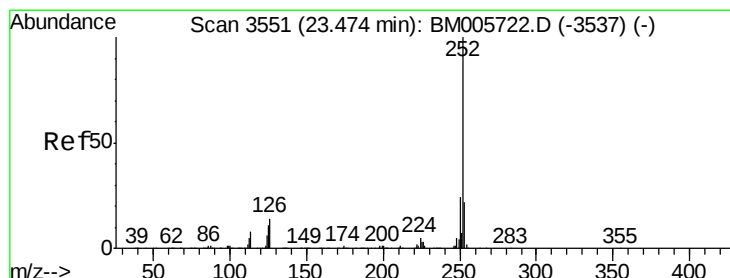
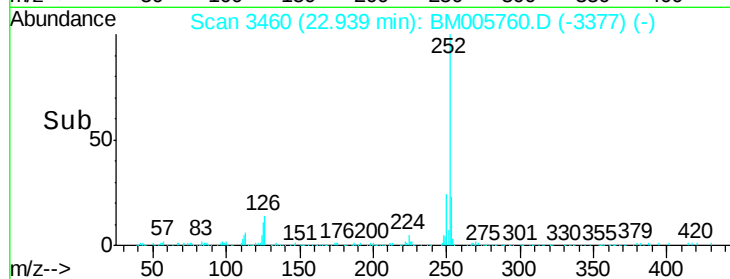
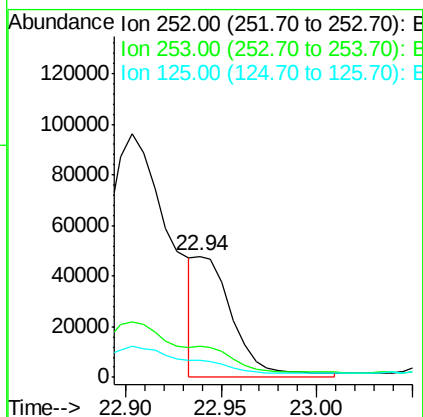
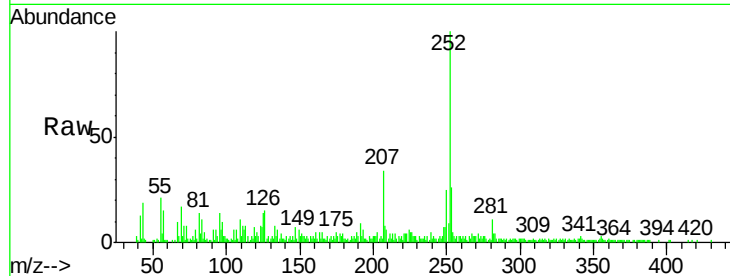
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Benzo(k)fluoranthene
Concen: 2.61 ng/ul m
RT: 22.94 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM005760.D
Acq: 12 Jun 2016 22:03

Instrument :
BNA_M
ClientSampleId :
D9Y16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.5	26.3
125	14.0	8.2	12.2

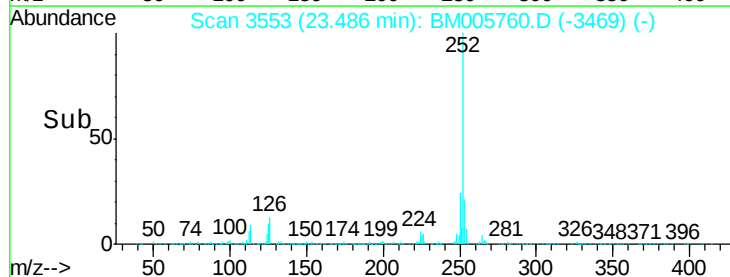
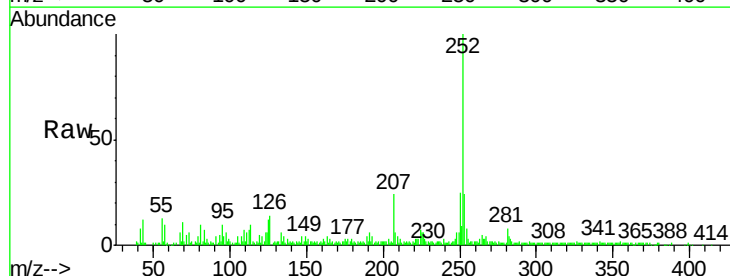
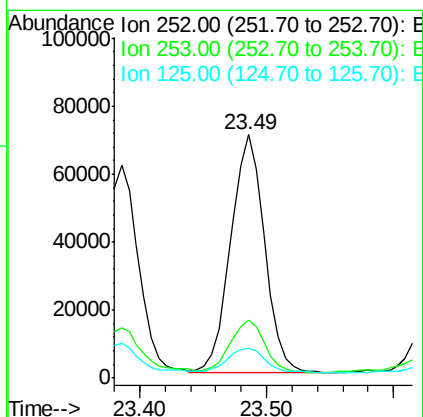
Manual Integrations
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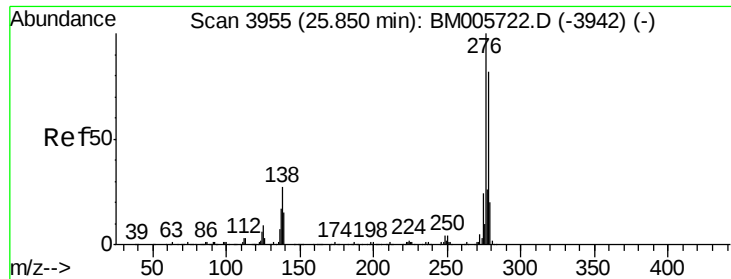
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#38
Benzo(a)pyrene
Concen: 5.41 ng/ul
RT: 23.49 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BM005760.D
Acq: 12 Jun 2016 22:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.7	26.5
125	12.3	9.1	13.7





#39

Indeno(1,2,3-cd)pyrene

Concen: 4.52 ng/ul

RT: 25.87 min Scan# 3958

Delta R.T. -0.01 min

Lab File: BM005760.D

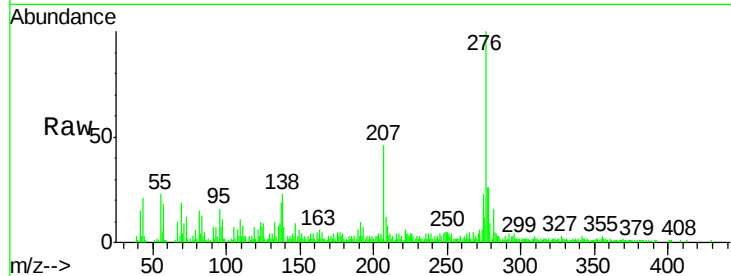
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Instrument :

BNA_M

ClientSampleId :

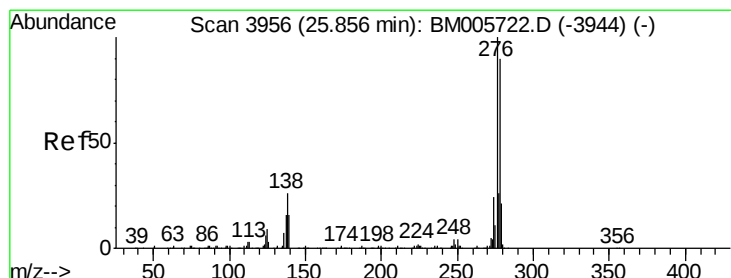
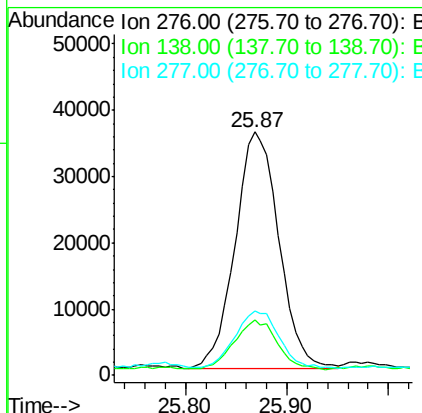
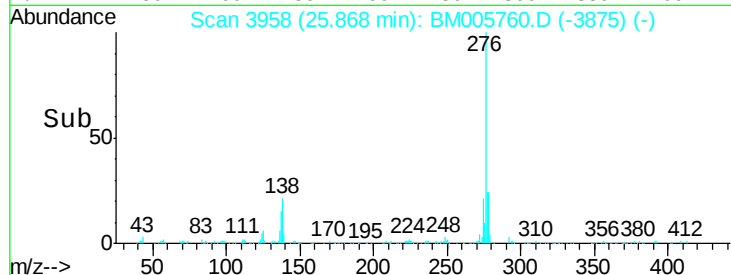
D9Y16



Tgt Ion:	276	Resp:	106240
Ion Ratio	Lower	Upper	
276	100		
138	22.7	21.4	32.2
277	26.5	20.5	30.7

Manual Integrations
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#40

Dibenzo(a,h)anthracene

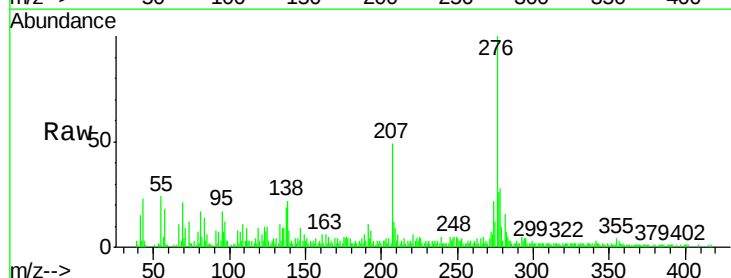
Concen: 1.65 ng/ul

RT: 25.86 min Scan# 3957

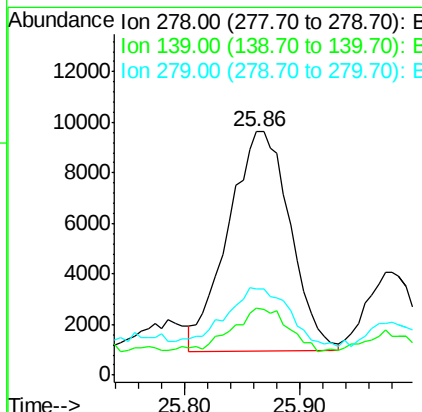
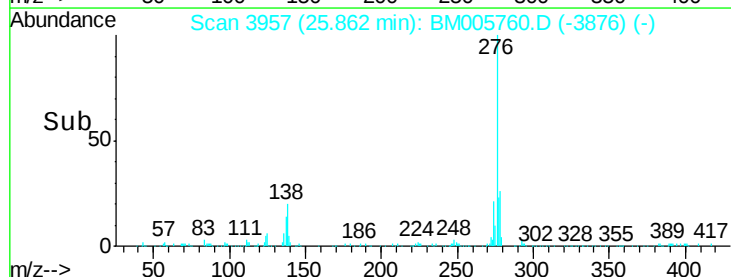
Delta R.T. -0.02 min

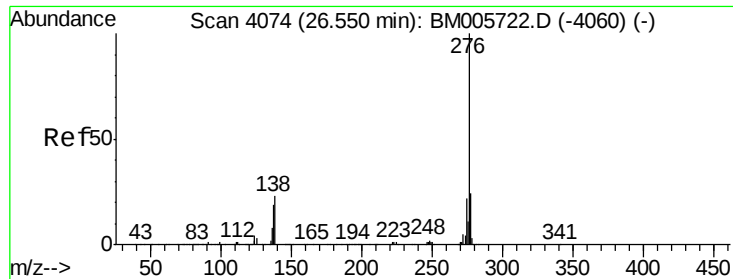
Lab File: BM005760.D

Acq: 12 Jun 2016 22:03



Tgt Ion:	278	Resp:	32376
Ion Ratio	Lower	Upper	
278	100		
139	27.4	14.2	21.4#
279	35.5	18.8	28.2#





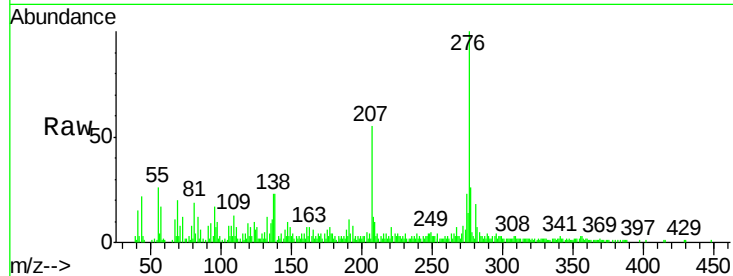
#41
 Benzo(g,h,i)perylene
 Concen: 4.78 ng/ul
 RT: 26.57 min Scan# 4078
 Delta R.T. -0.01 min
 Lab File: BM005760.D
 Acq: 12 Jun 2016 22:03

Instrument :
 BNA_M
 ClientSampleId :
 D9Y16

Tgt Ion:	276	Resp:	94001
Ion Ratio	Lower	Upper	
276	100		
138	23.0	18.2	27.4
277	26.0	19.5	29.3

Manual Integrations
 APPROVED

umangi
 6/13/2016 7:48:54 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

