

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
 Data File : BM005756.D
 Acq On : 12 Jun 2016 19:39
 Operator : UM/SJ
 Sample : H3536-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y15

Manual Integrations
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Quant Time: Jun 13 03:53:57 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	103278	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	537425	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	326518	20.00	ng/ul	-0.01
23) Phenanthrene-d10	17.13	188	713954	20.00	ng/ul	-0.01
29) Chrysene-d12	21.32	240	537396	20.00	ng/ul	-0.01
34) Perylene-d12	23.57	264	494064	20.00	ng/ul	-0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.19	96	2692	1.13	ng/uL	0.00
3) Phenol-d5	6.93	99	121559	13.64	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	84822	15.84	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	111400	15.46	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	92013	12.22	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	58862	15.20	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	65383	14.93	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	118113	14.87	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	72616	7.58	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	428218	15.90	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	552738	16.78	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	40146m	10.19	ng/ul	0.00
21) Fluorene-d10	15.38	176	381185	16.72	ng/ul	-0.01
24) 4,6-Dinitro-2-methylphenol	15.53	200	24376	6.60	ng/ul	-0.01
26) Anthracene-d10	17.23	188	562350	16.72	ng/ul	0.00
30) Pyrene-d10	19.53	212	547989	21.22	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	401183	17.80	ng/ul	-0.01

Target Compounds

					Qvalue
25) Phenanthrene	17.17	178	42681	1.09 ng/ul	99
28) Fluoranthene	19.19	202	98565	2.15 ng/ul	99
31) Pyrene	19.56	202	89609	2.74 ng/ul	100
32) Benzo(a)anthracene	21.30	228	52570	1.69 ng/ul	97
33) Chrysene	21.36	228	61970	2.02 ng/ul	97
35) Benzo(b)fluoranthene	22.90	252	114959	3.92 ng/ul	99
38) Benzo(a)pyrene	23.48	252	74872	2.69 ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.86	276	68988m	2.54 ng/ul	
41) Benzo(g,h,i)perylene	26.56	276	71612	3.15 ng/ul	97

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

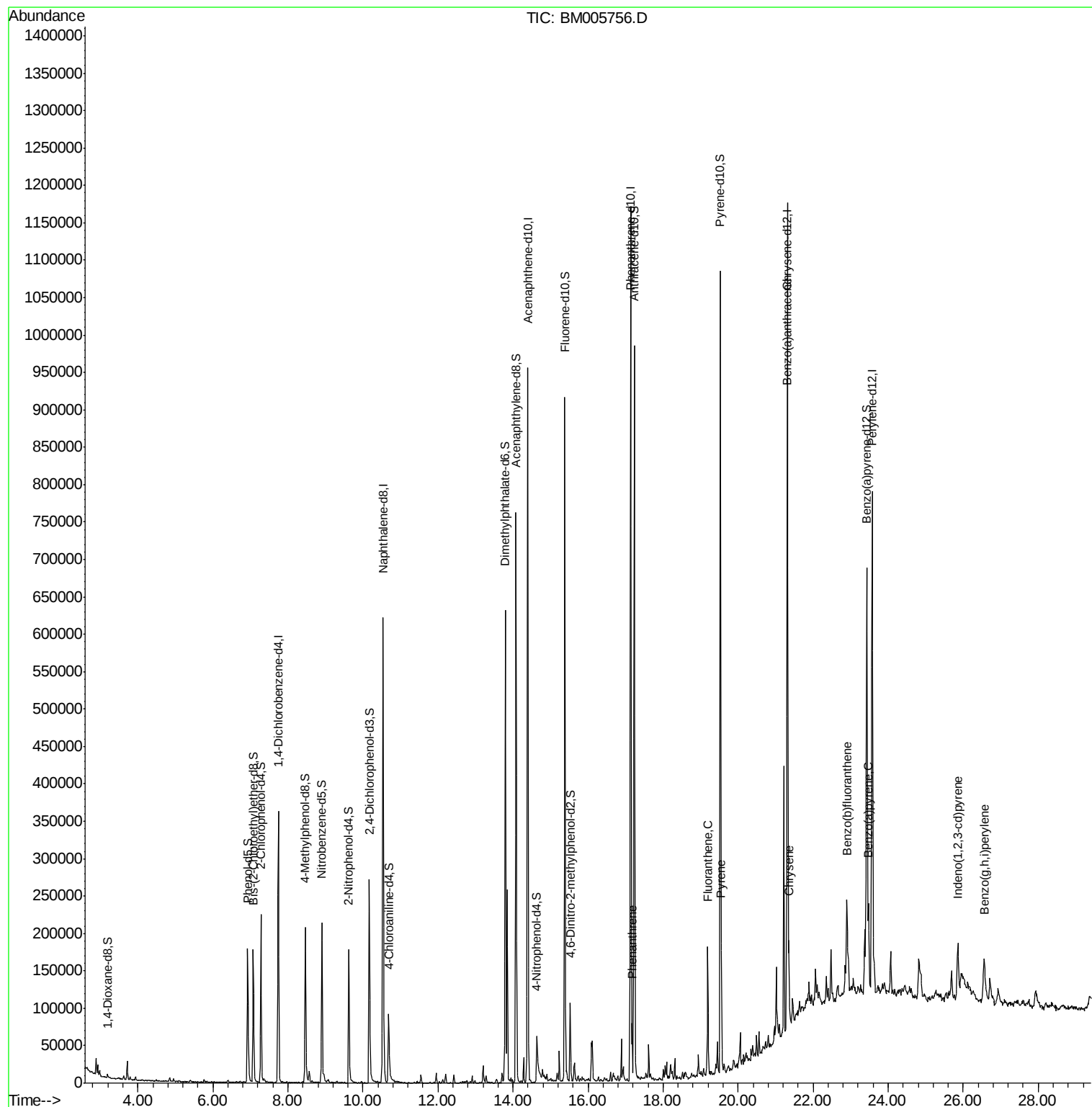
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
Data File : BM005756.D
Acq On : 12 Jun 2016 19:39
Operator : UM/SJ
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ALS Vial : 16 Sample Multiplier: 1

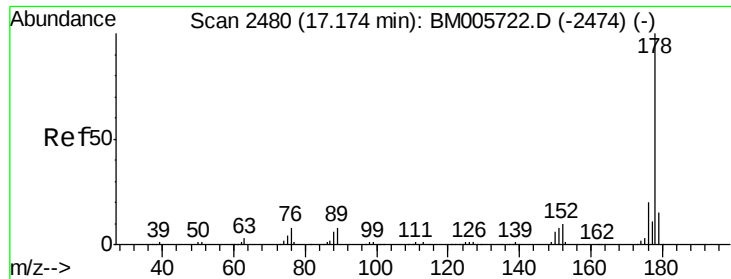
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 13 03:29:45 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 1.09 ng/ul

RT: 17.17 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BM005756.D

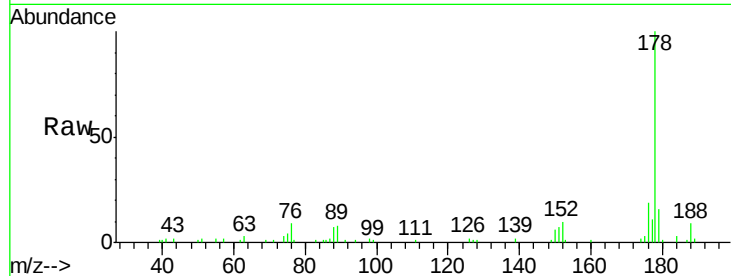
Acq: 12 Jun 2016 19:39

Instrument :

BNA_M

ClientSampleId :

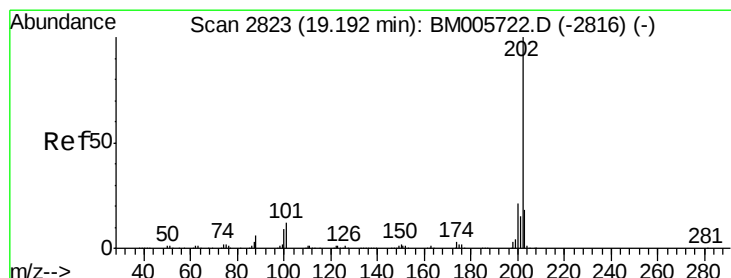
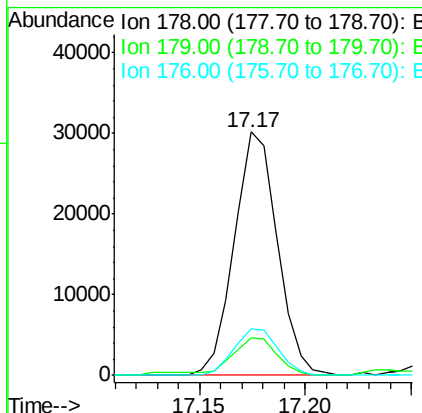
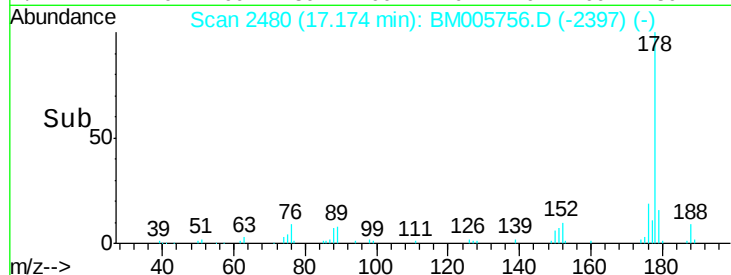
D9Y15



Tgt Ion:	178	Resp:	42681
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.4	18.6
176	19.1	15.8	23.6

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#28

Fluoranthene

Concen: 2.15 ng/ul

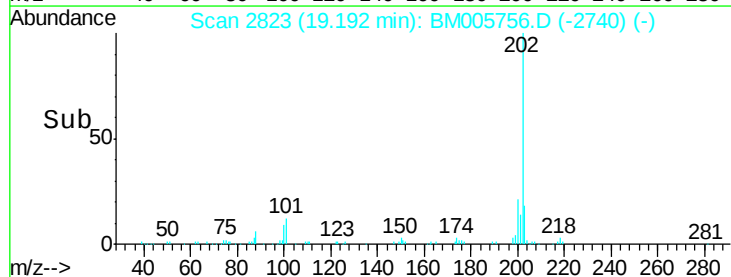
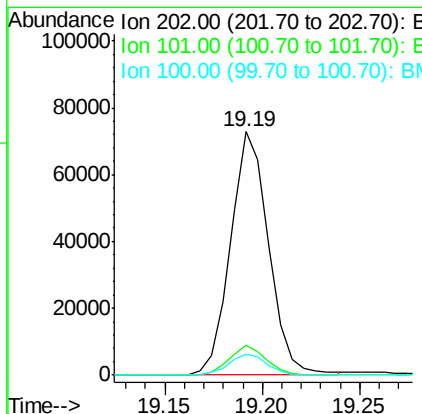
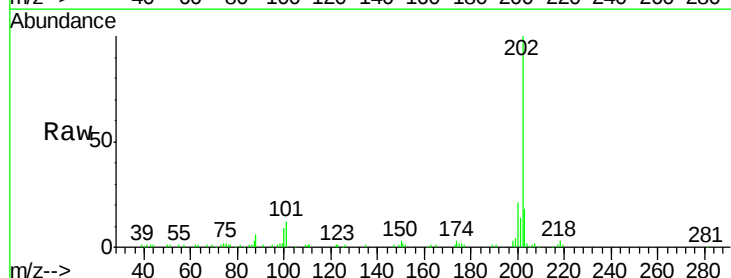
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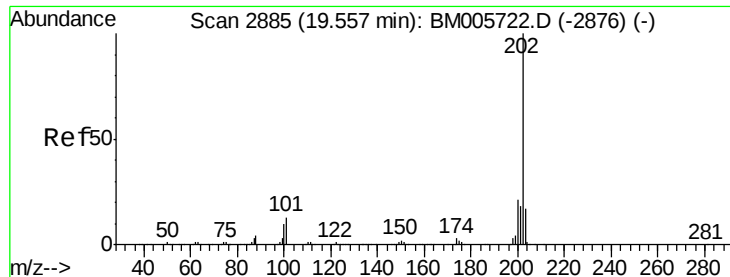
Delta R.T. -0.01 min

Lab File: BM005756.D

Acq: 12 Jun 2016 19:39

Tgt Ion:	202	Resp:	98565
Ion Ratio	Lower	Upper	
202	100		
101	12.0	9.4	14.2
100	8.8	6.9	10.3





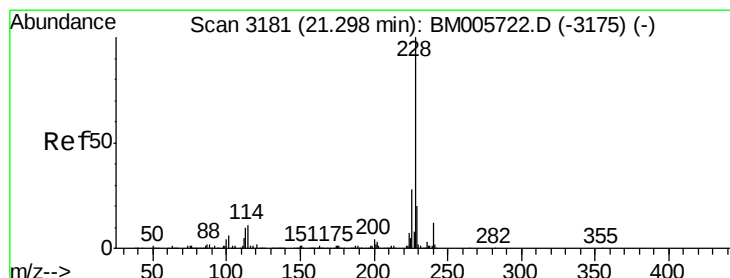
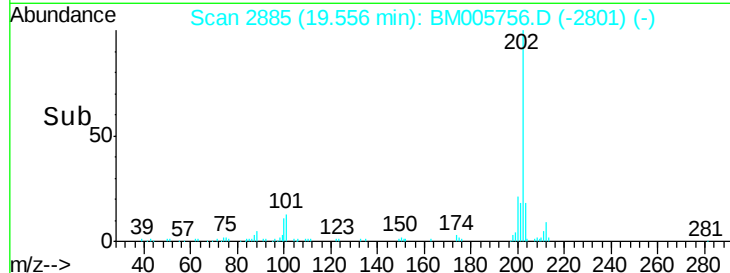
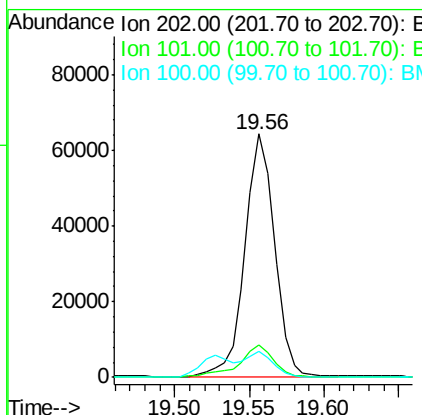
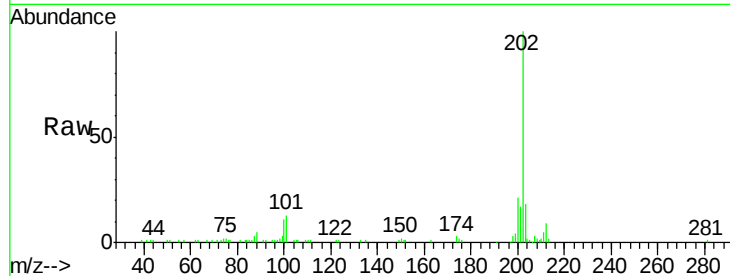
#31
 Pyrene
 Concen: 2.74 ng/ul
 RT: 19.56 min Scan# 2885
 Delta R.T. -0.01 min
 Lab File: BM005756.D
 Acq: 12 Jun 2016 19:39

Instrument :
 BNA_M
 ClientSampleId :
 D9Y15

Tgt Ion:	202	Resp:	89609
Ion Ratio	Lower	Upper	
202	100		
101	13.1	10.6	15.8
100	10.5	8.4	12.6

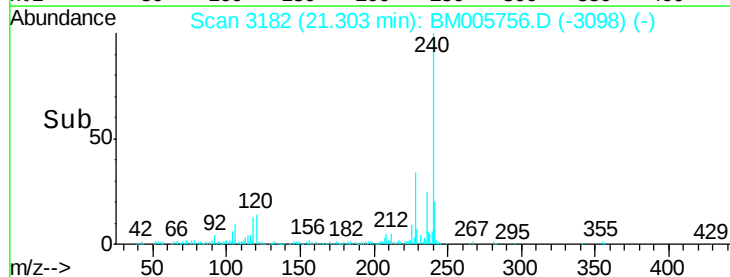
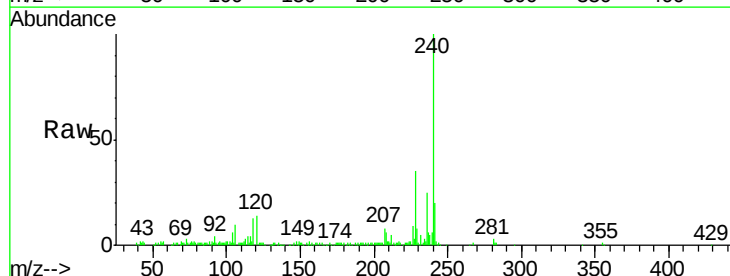
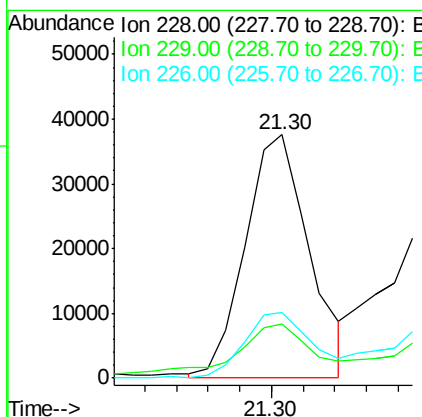
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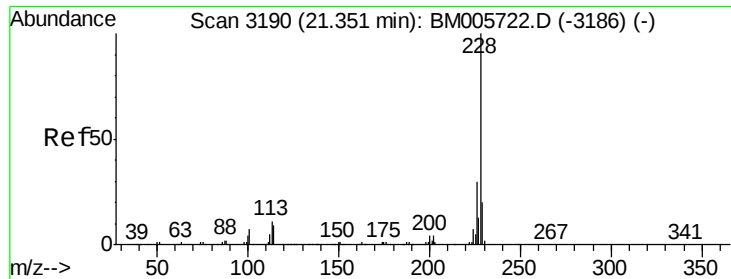
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#32
 Benzo(a)anthracene
 Concen: 1.69 ng/ul
 RT: 21.30 min Scan# 3182
 Delta R.T. -0.01 min
 Lab File: BM005756.D
 Acq: 12 Jun 2016 19:39

Tgt Ion:	228	Resp:	52570
Ion Ratio	Lower	Upper	
228	100		
229	22.4	16.1	24.1
226	27.2	22.1	33.1





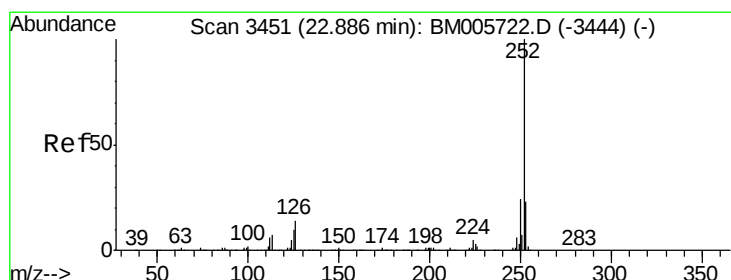
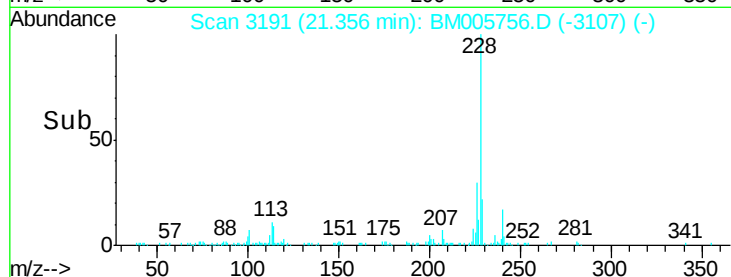
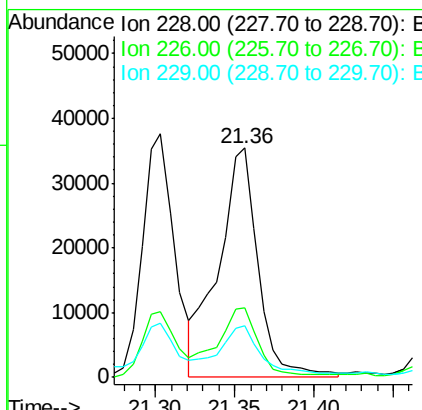
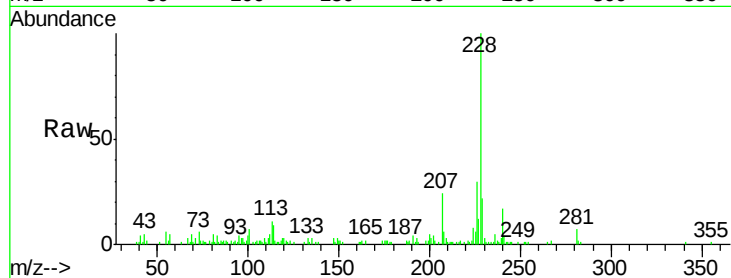
#33
Chrysene
Concen: 2.02 ng/ul
RT: 21.36 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BM005756.D
Acq: 12 Jun 2016 19:39

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	61970		
226	30.5	24.2	36.2	
229	22.3	15.8	23.8	

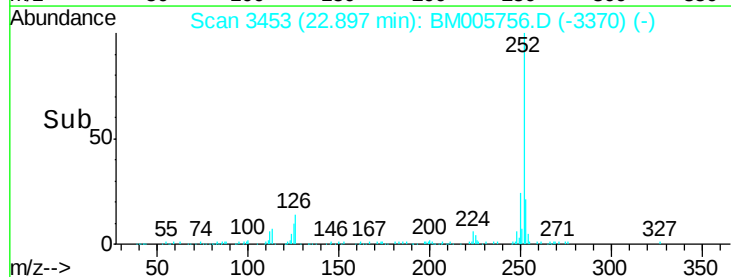
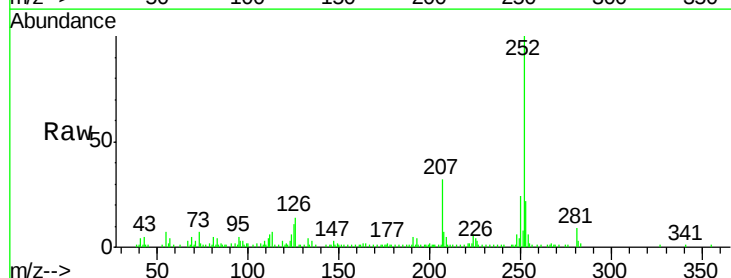
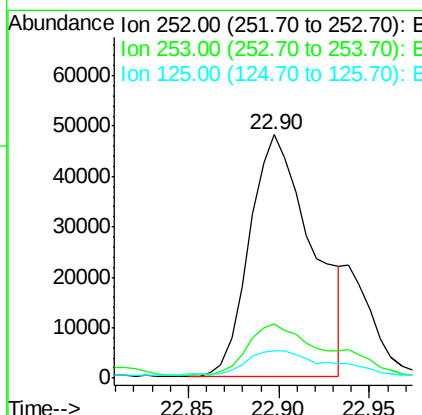
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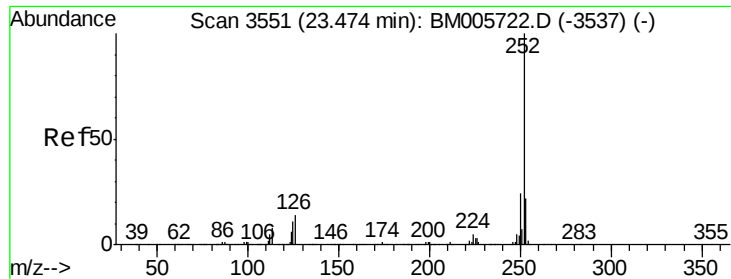
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#35
Benzo(b)fluoranthene
Concen: 3.92 ng/ul
RT: 22.90 min Scan# 3453
Delta R.T. -0.01 min
Lab File: BM005756.D
Acq: 12 Jun 2016 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	114959		
253	22.2	18.2	27.2	
125	11.0	8.4	12.6	





#38

Benzo(a)pyrene

Concen: 2.69 ng/ul

RT: 23.48 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BM005756.D

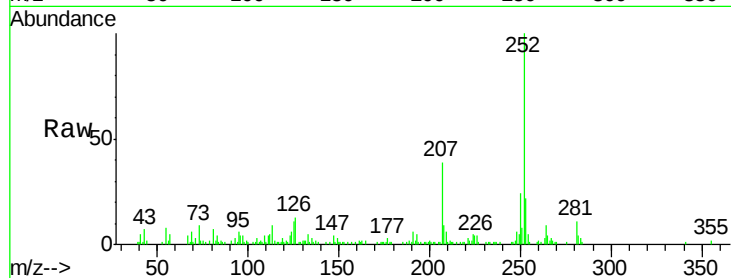
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Instrument :

BNA_M

ClientSampleId :

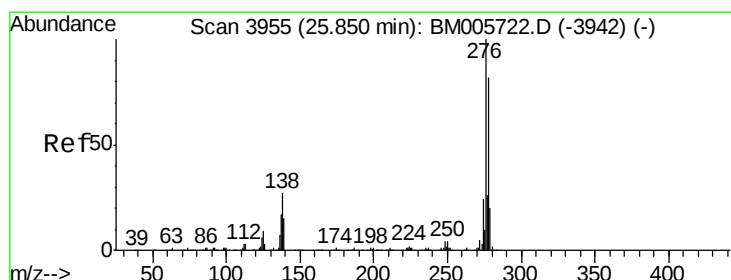
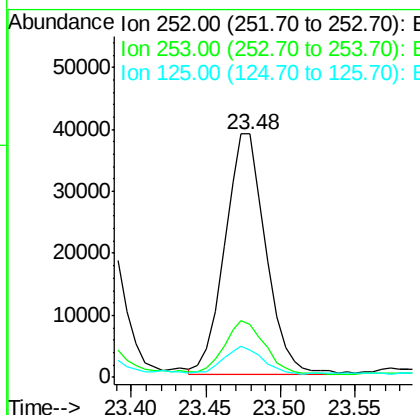
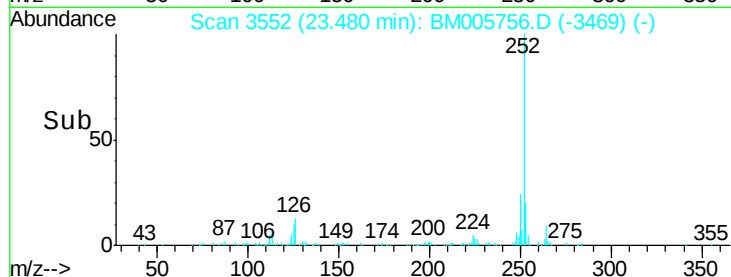
D9Y15



Tgt Ion:	252	Resp:	74872
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.7	26.5
125	11.0	9.1	13.7

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#39

Indeno(1,2,3-cd)pyrene

Concen: 2.54 ng/ul m

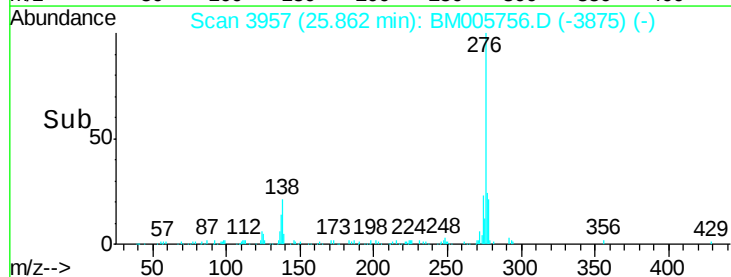
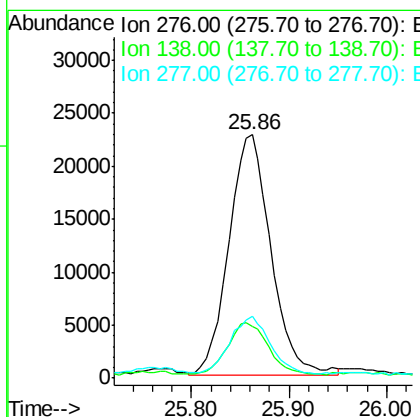
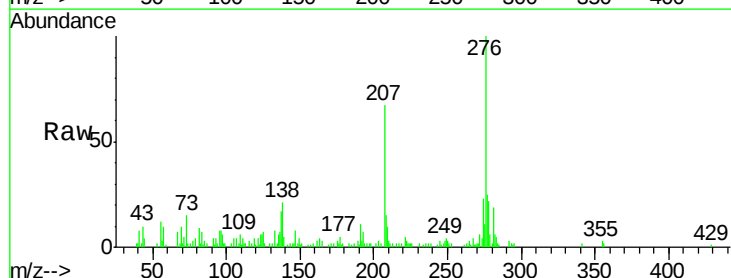
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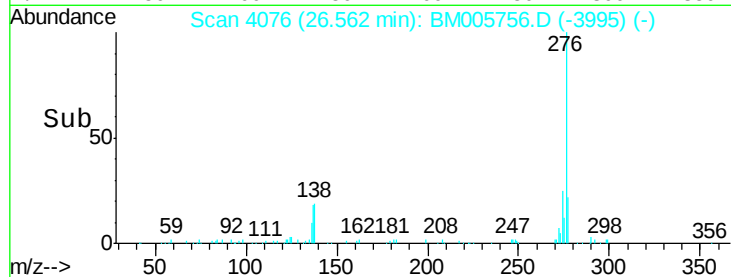
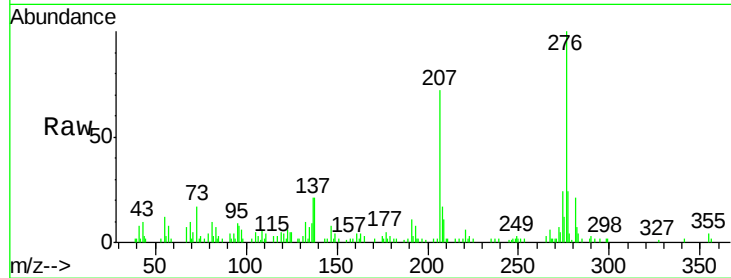
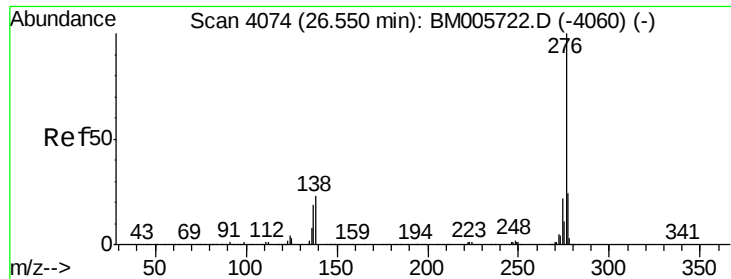
Delta R.T. -0.02 min

Lab File: BM005756.D

Acq: 12 Jun 2016 19:39

Tgt Ion:	276	Resp:	68988
Ion Ratio	Lower	Upper	
276	100		
138	21.0	21.4	32.2#
277	25.2	20.5	30.7





#41

Benzo(g,h,i)perylene

Concen: 3.15 ng/ul

RT: 26.56 min Scan# 4076

Delta R.T. -0.02 min

Lab File: BM005756.D

Acq: 12 Jun 2016 19:39

Instrument :

BNA_M

ClientSampleId :

D9Y15

Tgt Ion:	276	Resp:	71612
Ion Ratio	Lower	Upper	
276	100		
138	20.8	18.2	27.4
277	23.6	19.5	29.3

Manual Integrations
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