

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
 Data File : BM005758.D
 Acq On : 12 Jun 2016 20:51
 Operator : UM/SJ
 Sample : H3536-05MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y15MSD

Manual Integrations
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Quant Time: Jun 13 03:58:19 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	111804	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	574035	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	332063	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	697769	20.00	ng/ul	0.00
29) Chrysene-d12	21.31	240	495141	20.00	ng/ul	-0.01
34) Perylene-d12	23.57	264	490819	20.00	ng/ul	-0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.19	96	3504	1.36	ng/uL	0.00
3) Phenol-d5	6.93	99	151019	15.65	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	98726	17.03	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	133847	17.16	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	105428	12.93	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	68029	16.44	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	80280	17.16	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	144897	17.08	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	454448	44.39	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	477004	17.42	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	618088	18.45	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	44802	11.18	ng/ul	-0.01
21) Fluorene-d10	15.39	176	421947	18.19	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	24620	6.82	ng/ul	-0.01
26) Anthracene-d10	17.23	188	594386	18.08	ng/ul	0.00
30) Pyrene-d10	19.53	212	539799	22.69	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	421427	18.83	ng/ul	-0.01

Target Compounds

						Qvalue
19) Acenaphthene	14.46	153	406075	18.19	ng/ul	97
25) Phenanthrene	17.18	178	56337	1.48	ng/ul	97
28) Fluoranthene	19.19	202	130777	2.92	ng/ul	100
31) Pyrene	19.56	202	776258	25.76	ng/ul	99
32) Benzo(a)anthracene	21.30	228	72285	2.53	ng/ul	99
33) Chrysene	21.35	228	80580	2.86	ng/ul	98
35) Benzo(b)fluoranthene	22.90	252	139710	4.79	ng/ul	99
36) Benzo(k)fluoranthene	22.93	252	45069m	1.53	ng/ul	
38) Benzo(a)pyrene	23.47	252	97124	3.51	ng/ul	96
39) Indeno(1,2,3-cd)pyrene	25.86	276	86155m	3.19	ng/ul	
41) Benzo(g,h,i)perylene	26.56	276	81906	3.62	ng/ul	99

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

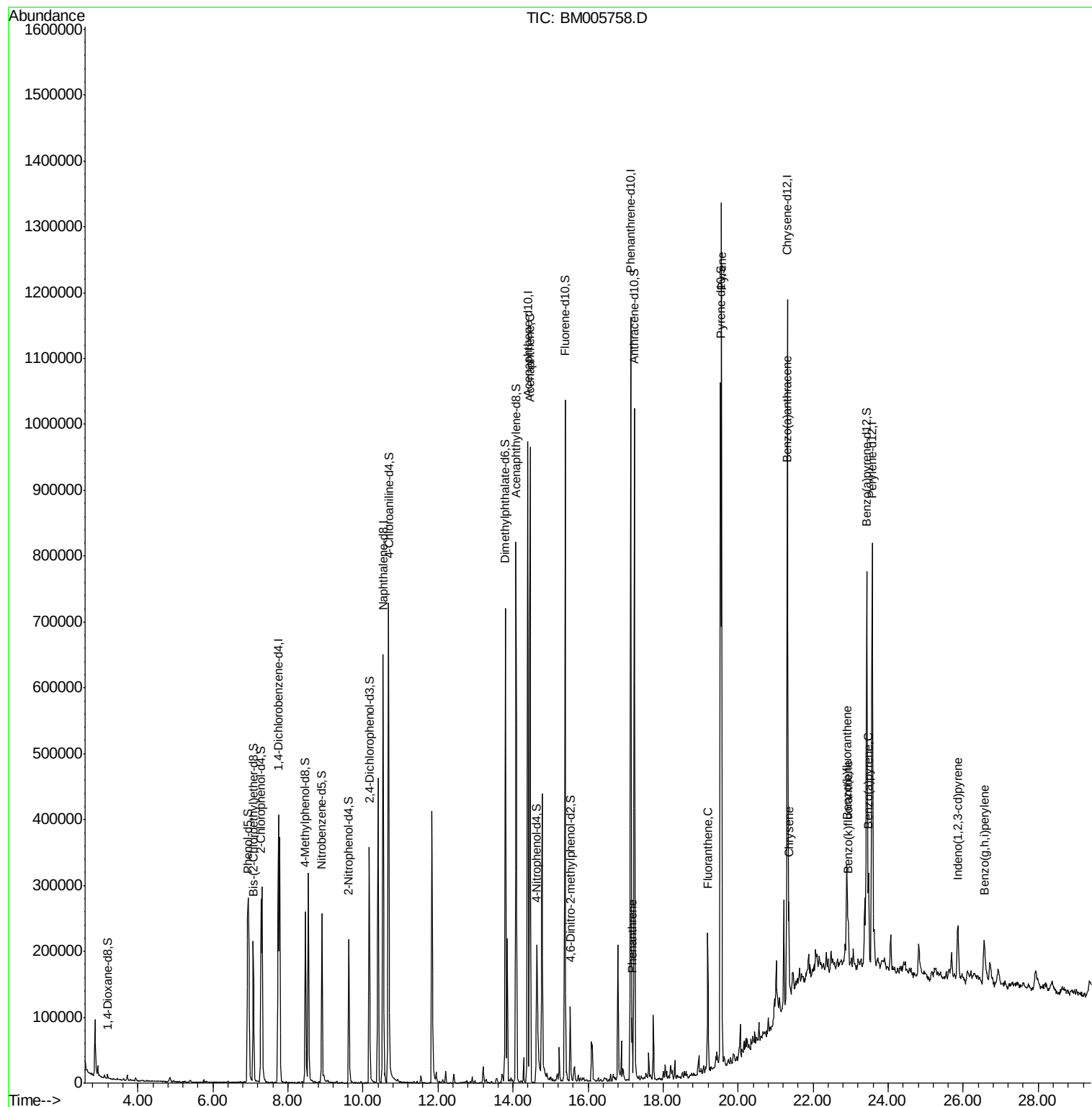
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
Data File : BM005758.D
Acq On : 12 Jun 2016 20:51
Operator : UM/SJ
Sample : H3536-05MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

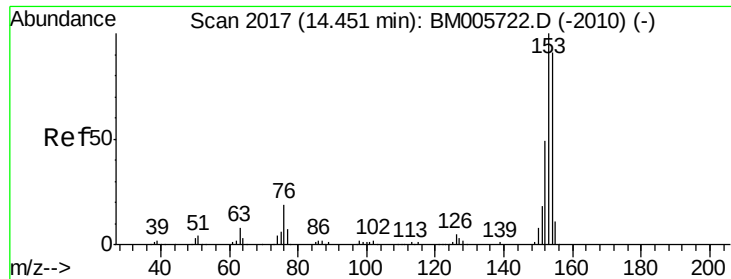
Instrument :
BNA_M
ClientSampleId :
D9Y15MSD

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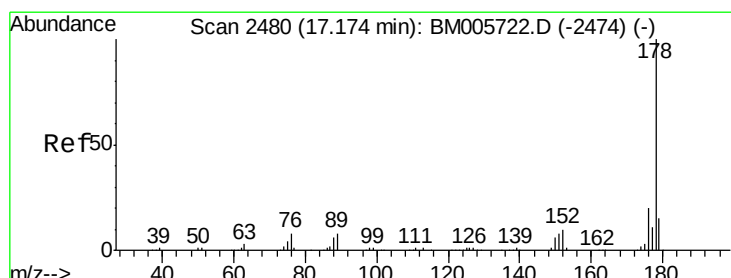
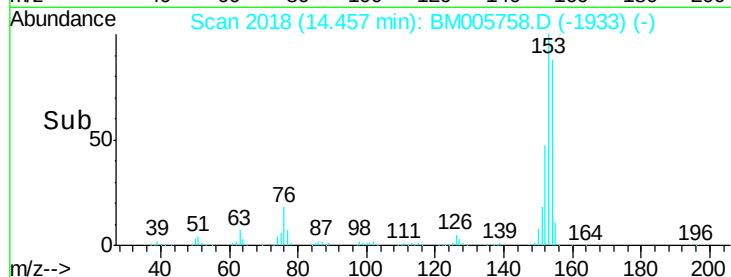
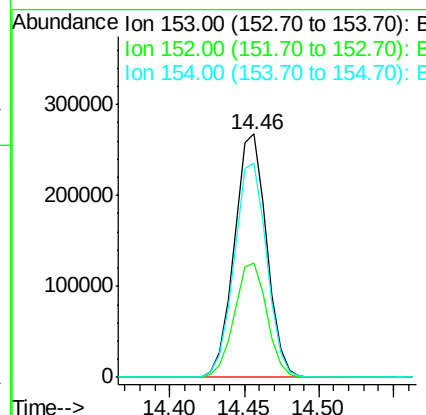
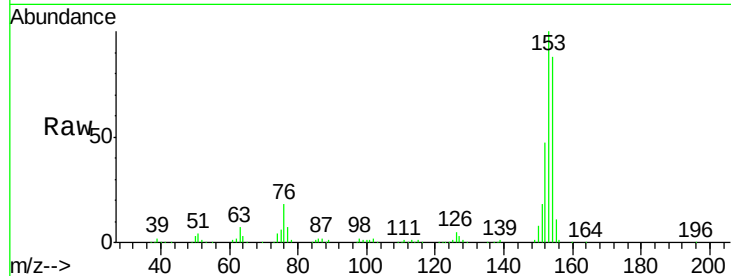
#19
Acenaphthene
Concen: 18.19 ng/ul
RT: 14.46 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BM005758.D
Acq: 12 Jun 2016 20:51

Instrument :
BNA_M
ClientSampleId :
D9Y15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	406075		
152	46.9	38.8	58.2	
154	88.0	72.5	108.7	

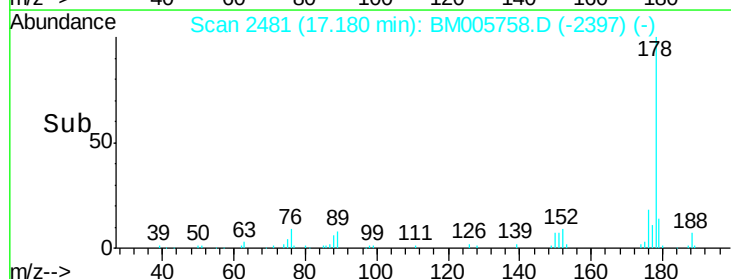
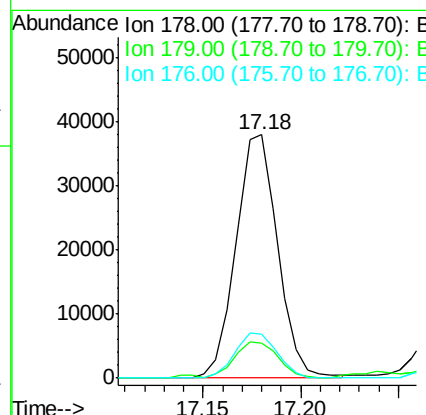
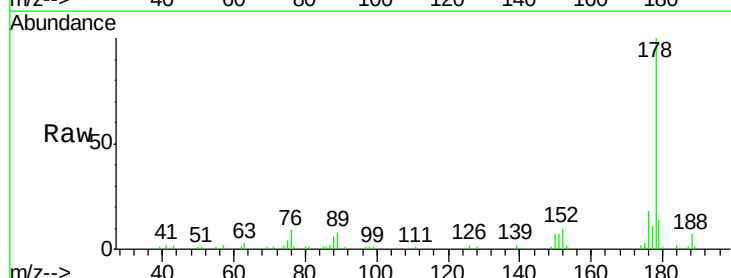
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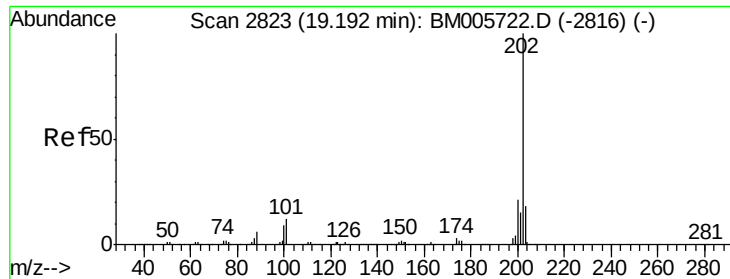
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#25
Phenanthrene
Concen: 1.48 ng/ul
RT: 17.18 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BM005758.D
Acq: 12 Jun 2016 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	56337		
179	14.5	12.4	18.6	
176	18.2	15.8	23.6	





#28

Fluoranthene

Concen: 2.92 ng/ul

RT: 19.19 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM005758.D

Acq: 12 Jun 2016 20:51

Instrument :

BNA_M

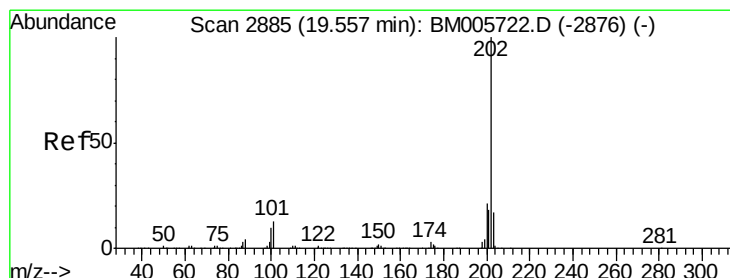
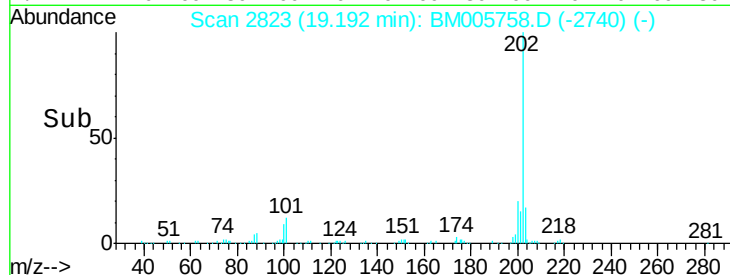
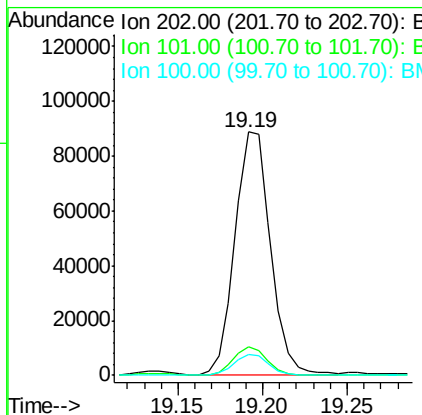
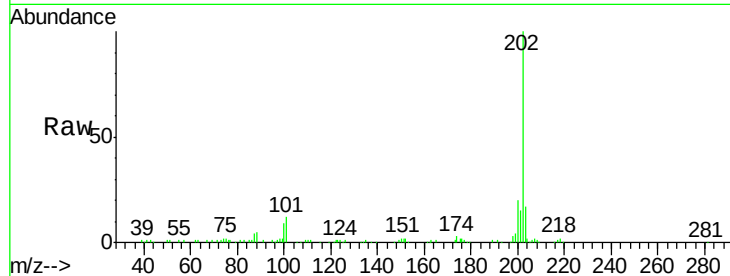
ClientSampleId :

D9Y15MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		130777		
101	11.7	9.4	14.2		
100	8.7	6.9	10.3		

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#31

Pyrene

Concen: 25.76 ng/ul

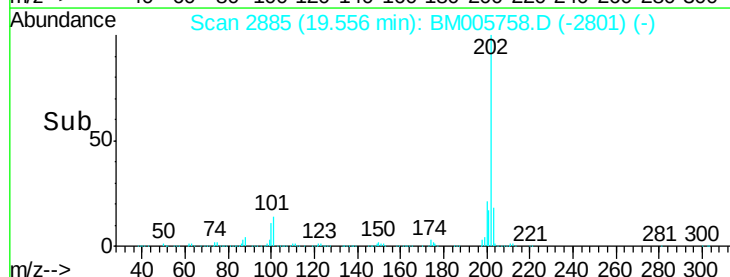
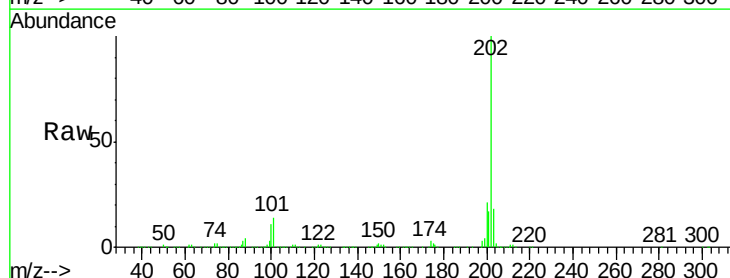
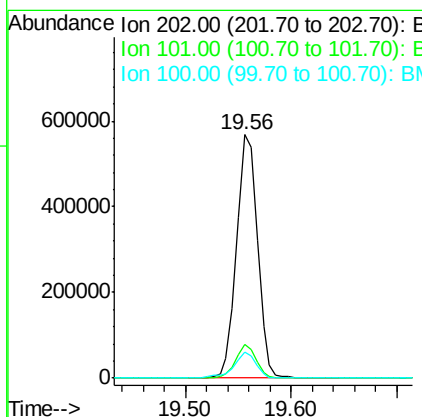
RT: 19.56 min Scan# 2885

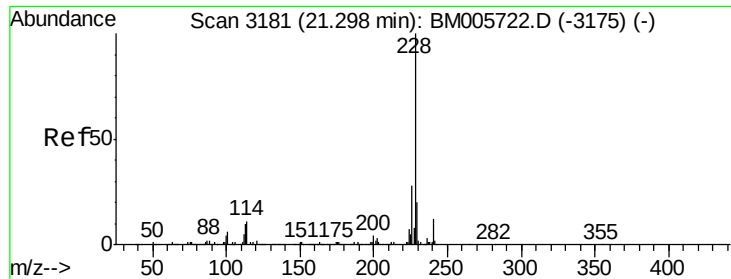
Delta R.T. -0.01 min

Lab File: BM005758.D

Acq: 12 Jun 2016 20:51

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		776258		
101	13.8	10.6	15.8		
100	10.6	8.4	12.6		





#32

Benzo(a)anthracene

Concen: 2.53 ng/ul

RT: 21.30 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BM005758.D

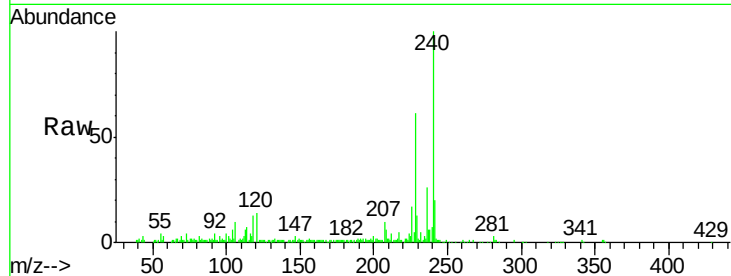
Acq: 12 Jun 2016 20:51

Instrument :

BNA_M

ClientSampleId :

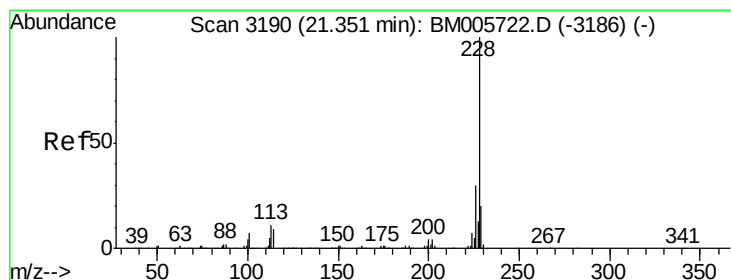
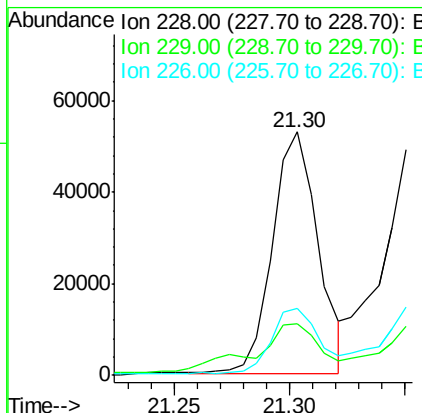
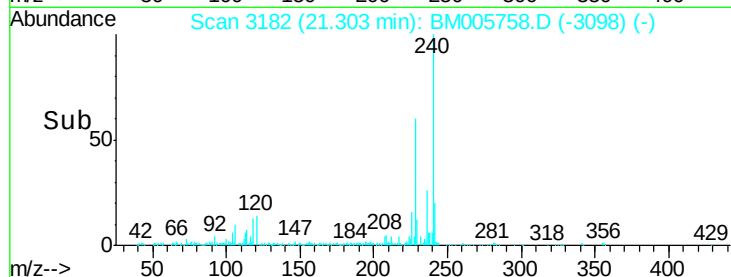
D9Y15MSD



Tgt Ion:	228	Resp:	72285
Ion Ratio	Lower	Upper	
228	100		
229	21.4	16.1	24.1
226	27.6	22.1	33.1

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#33

Chrysene

Concen: 2.86 ng/ul

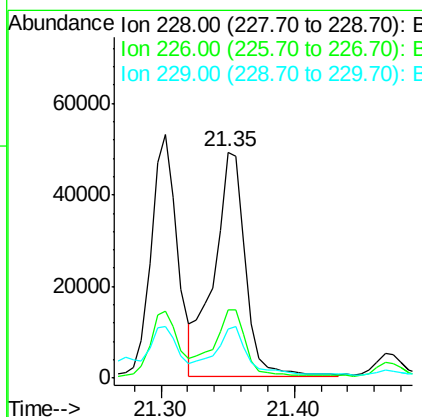
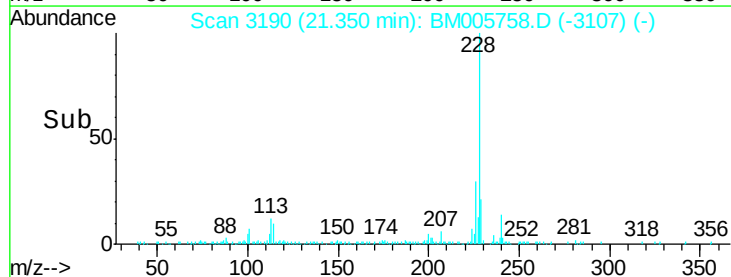
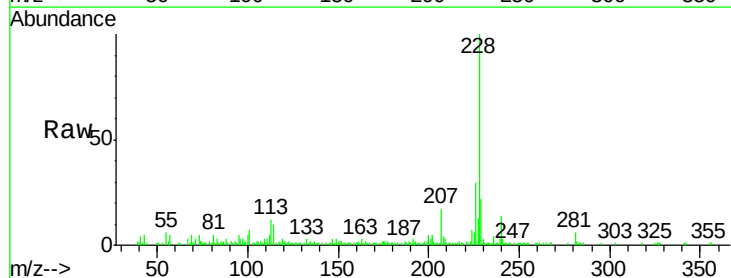
RT: 21.35 min Scan# 3190

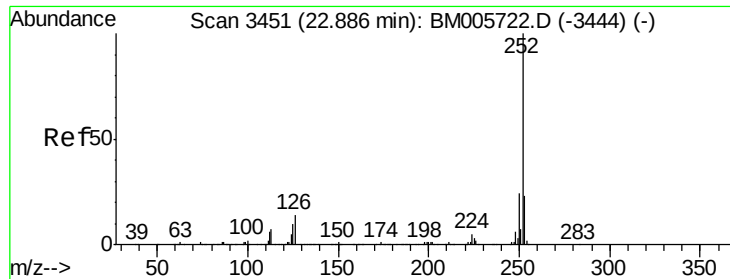
Delta R.T. -0.01 min

Lab File: BM005758.D

Acq: 12 Jun 2016 20:51

Tgt Ion:	228	Resp:	80580
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.2	36.2
229	21.6	15.8	23.8





#35

Benzo(b)fluoranthene

Concen: 4.79 ng/ul

RT: 22.90 min Scan# 3453

Delta R.T. -0.01 min

Lab File: BM005758.D

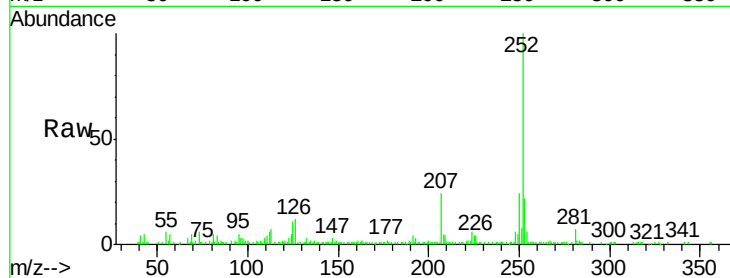
Acq: 12 Jun 2016 20:51

Instrument :

BNA_M

ClientSampleId :

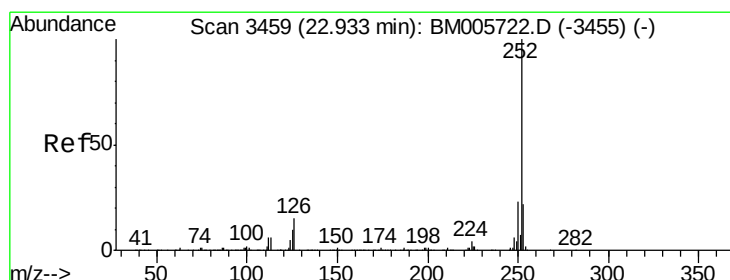
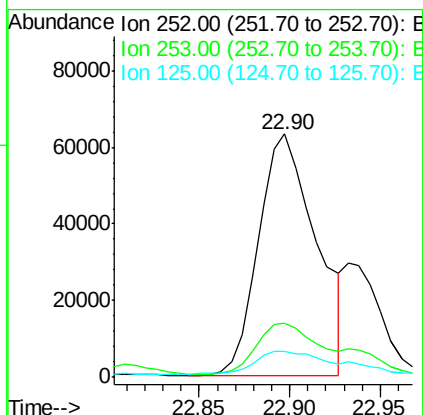
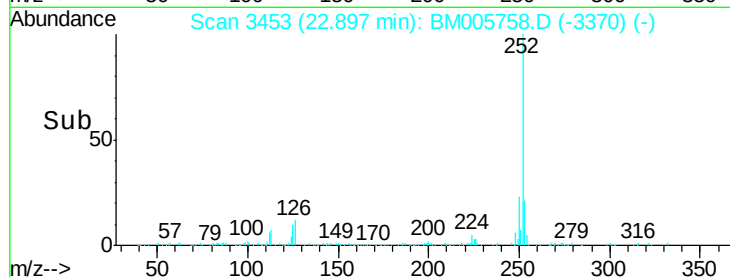
D9Y15MSD



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	139710		
253	22.1	18.2	27.2	
125	10.9	8.4	12.6	

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#36

Benzo(k)fluoranthene

Concen: 1.53 ng/ul m

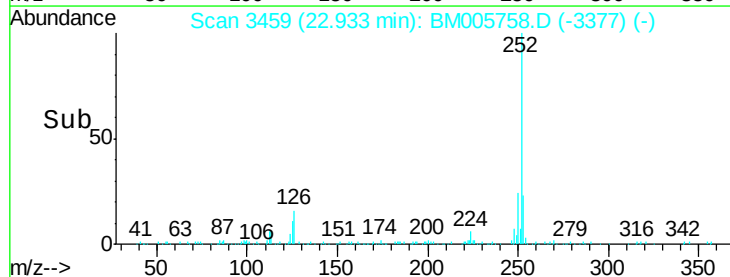
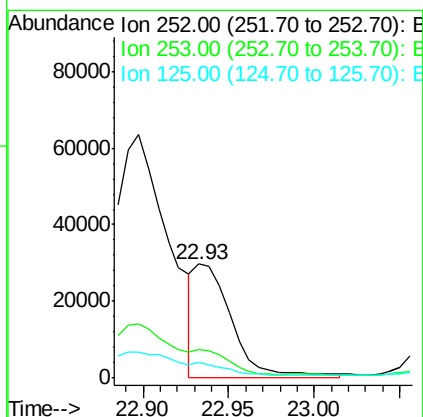
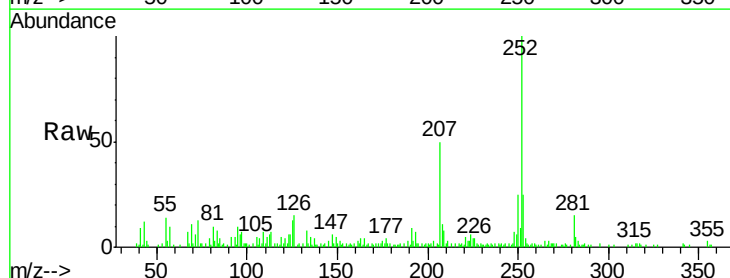
RT: 22.93 min Scan# 3459

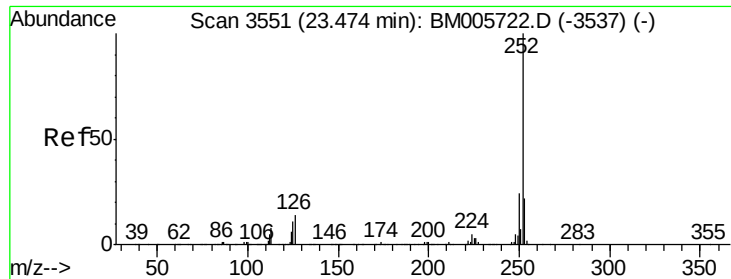
Delta R.T. -0.02 min

Lab File: BM005758.D

Acq: 12 Jun 2016 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	45069		
253	24.7	17.5	26.3	
125	13.5	8.2	12.2#	





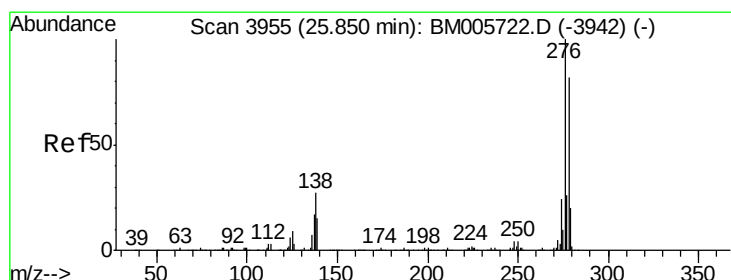
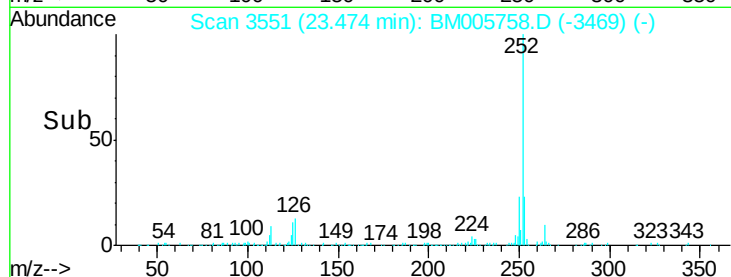
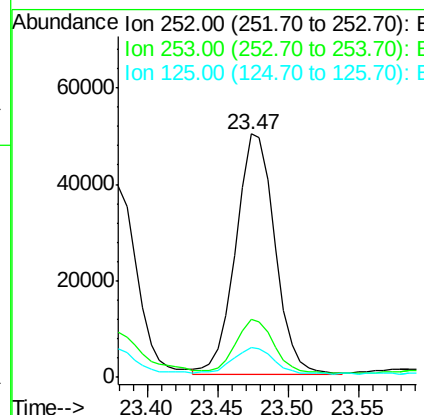
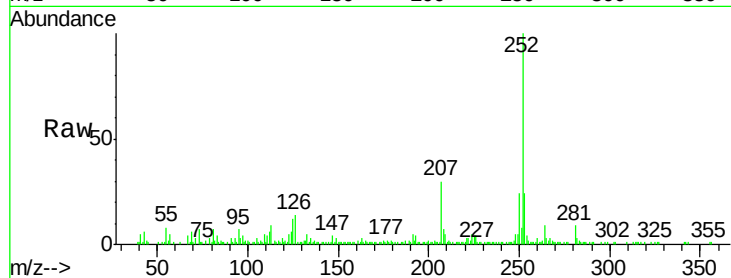
#38
Benzo(a)pyrene
Concen: 3.51 ng/ul
RT: 23.47 min Scan# 3551
Delta R.T. -0.02 min
Lab File: BM005758.D
Acq: 12 Jun 2016 20:51

Instrument :
BNA_M
ClientSampleId :
D9Y15MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	12.4	9.1	13.7

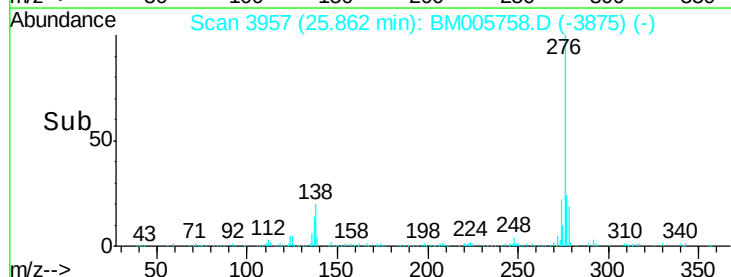
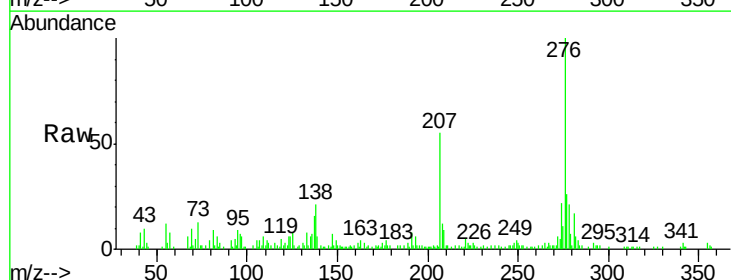
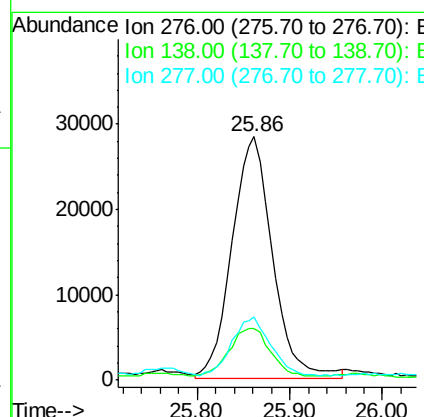
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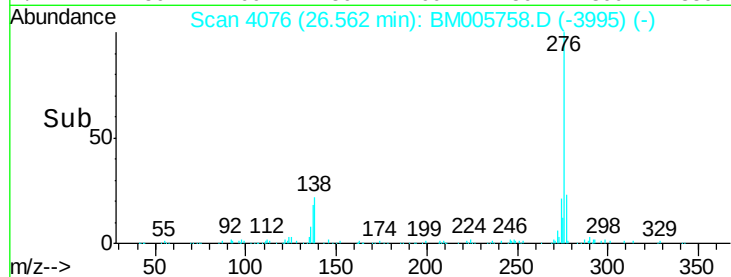
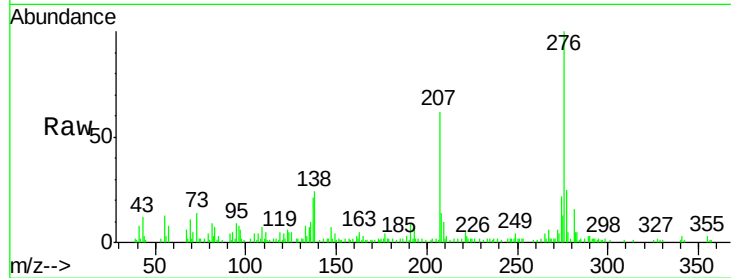
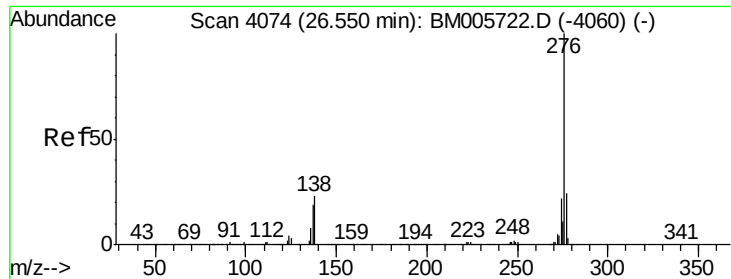
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#39
Indeno(1,2,3-cd)pyrene
Concen: 3.19 ng/ul m
RT: 25.86 min Scan# 3957
Delta R.T. -0.02 min
Lab File: BM005758.D
Acq: 12 Jun 2016 20:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	21.4	32.2#
277	25.8	20.5	30.7





#41

Benzo(g,h,i)perylene

Concen: 3.62 ng/ul

RT: 26.56 min Scan# 4076

Delta R.T. -0.02 min

Lab File: BM005758.D

Acq: 12 Jun 2016 20:51

Tgt Ion:	276	Resp:	81906
Ion Ratio	Lower	Upper	
276	100		
138	23.6	18.2	27.4
277	24.9	19.5	29.3

Instrument :

BNA_M

ClientSampleId :

D9Y15MSD

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