

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061116\
 Data File : BM005736.D
 Acq On : 12 Jun 2016 00:26
 Operator : UM/SJ
 Sample : H3411-24MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XR2MS

Manual Integrations
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Quant Time: Jun 12 02:20:56 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 11 23:08:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	71454	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	383708	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	248113	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	568871	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	573440	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	459676	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.19	96	2104	1.28	ng/uL	0.00
3) Phenol-d5	6.93	99	86290	13.99	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	59697	16.11	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	76819	15.41	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	52088	10.00	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	38816	14.04	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	46657	14.92	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	79707	14.05	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	77920	11.39	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	320404	15.66	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	414335	16.55	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	29180	9.75	ng/ul	0.00
21) Fluorene-d10	15.38	176	293792	16.96	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	26821	9.12	ng/ul	0.00
26) Anthracene-d10	17.23	188	447697	16.71	ng/ul	0.00
30) Pyrene-d10	19.53	212	525685	19.08	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	368529	17.58	ng/ul	0.00

Target Compounds

						Qvalue
19) Acenaphthene	14.45	153	282979	16.97	ng/ul	96
25) Phenanthrene	17.17	178	156736	5.03	ng/ul	99
28) Fluoranthene	19.19	202	368665	10.08	ng/ul	99
31) Pyrene	19.56	202	993747	28.48	ng/ul	99
32) Benzo(a)anthracene	21.30	228	182362	5.51	ng/ul	99
33) Chrysene	21.35	228	182035	5.57	ng/ul	97
35) Benzo(b)fluoranthene	22.89	252	208980	7.65	ng/ul	99
36) Benzo(k)fluoranthene	22.93	252	69871m	2.53	ng/ul	
38) Benzo(a)pyrene	23.47	252	136203	5.25	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.86	276	93703	3.70	ng/ul#	92
40) Dibenzo(a,h)anthracene	25.85	278	25276	1.19	ng/ul#	84
41) Benzo(g,h,i)perylene	26.55	276	96514	4.56	ng/ul	97

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

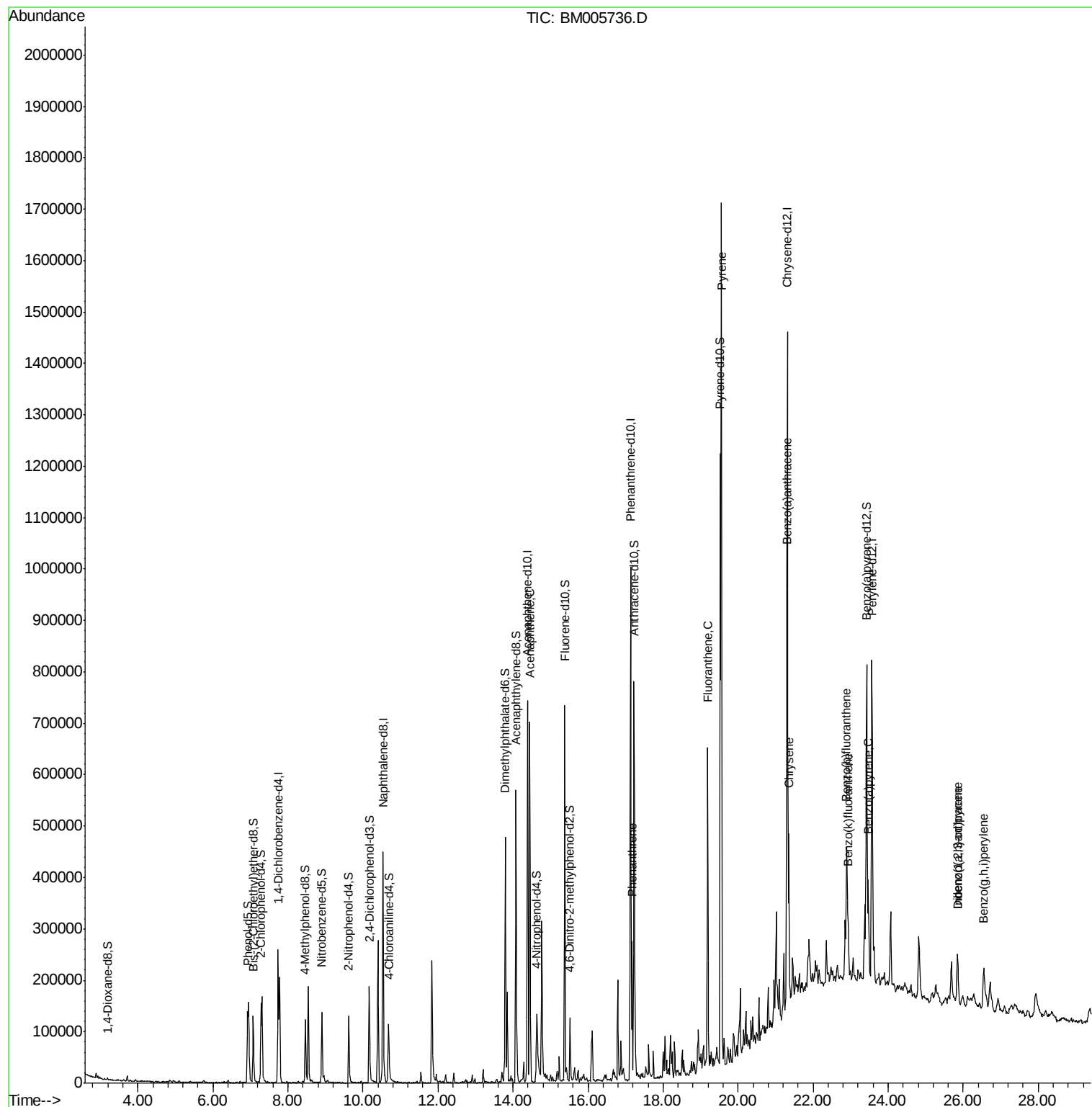
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061116\
Data File : BM005736.D
Acq On : 12 Jun 2016 00:26
Operator : UM/SJ
Sample : H3411-24MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

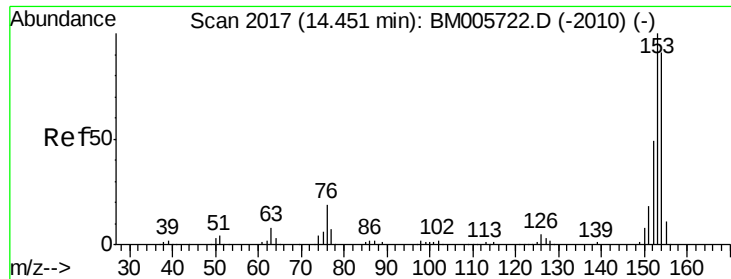
Instrument :
BNA_M
ClientSampleId :
D9XR2MS

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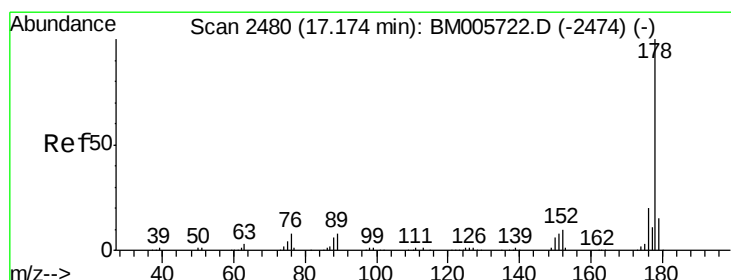
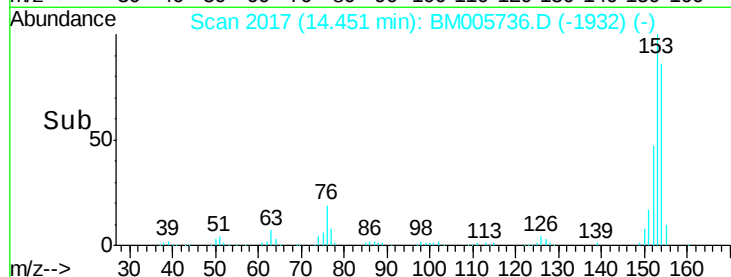
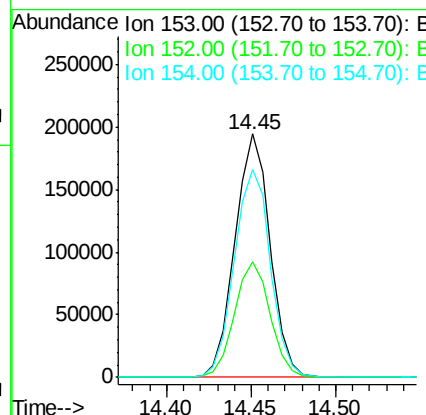
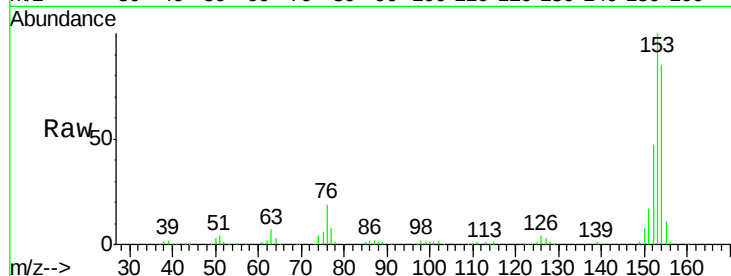
#19
Acenaphthene
Concen: 16.97 ng/ul
RT: 14.45 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BM005736.D
Acq: 12 Jun 2016 00:26

Instrument :
BNA_M
ClientSampleId :
D9XR2MS

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	282979		
152	47.4		38.8	58.2
154	85.4		72.5	108.7

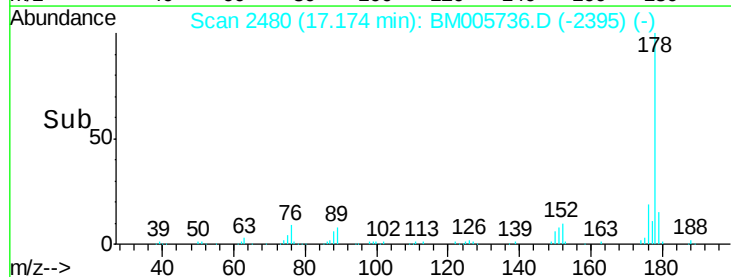
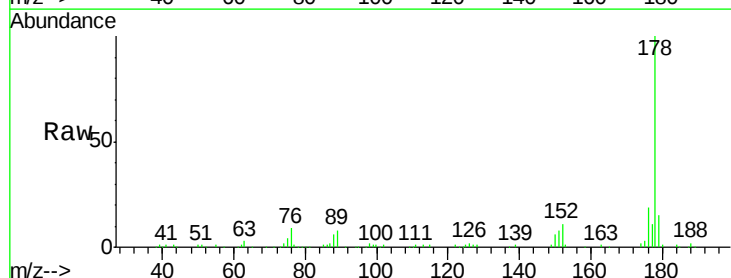
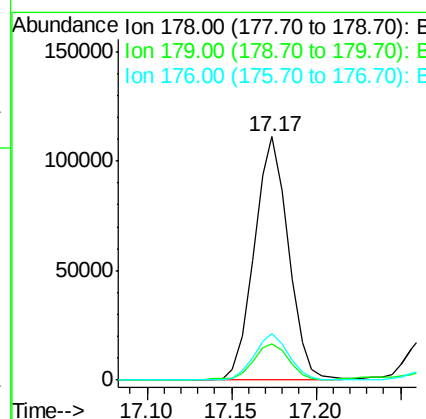
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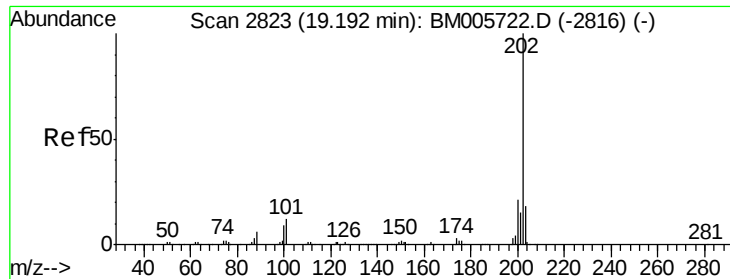
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#25
Phenanthrene
Concen: 5.03 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BM005736.D
Acq: 12 Jun 2016 00:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	156736		
179	15.0		12.4	18.6
176	19.1		15.8	23.6





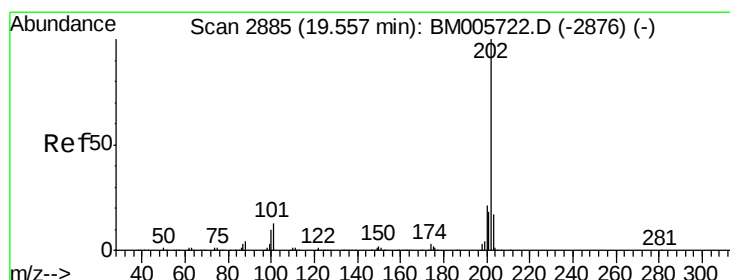
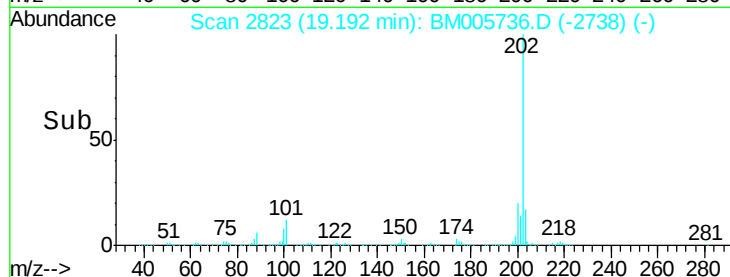
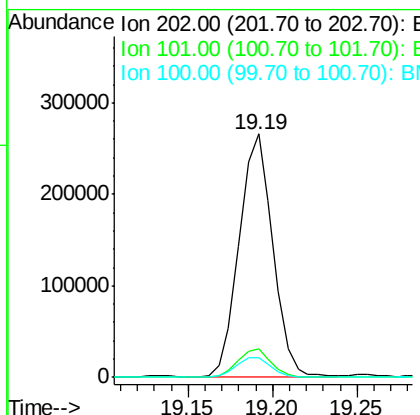
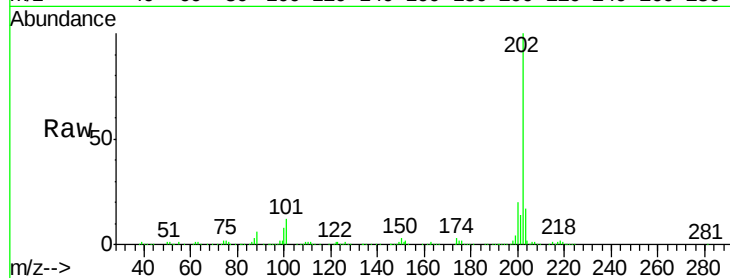
#28
Fluoranthene
Concen: 10.08 ng/u1
RT: 19.19 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM005736.D
Acq: 12 Jun 2016 00:26

Instrument :
BNA_M
ClientSampleId :
D9XR2MS

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		368665		
101	11.6	9.4	14.2		
100	8.3	6.9	10.3		

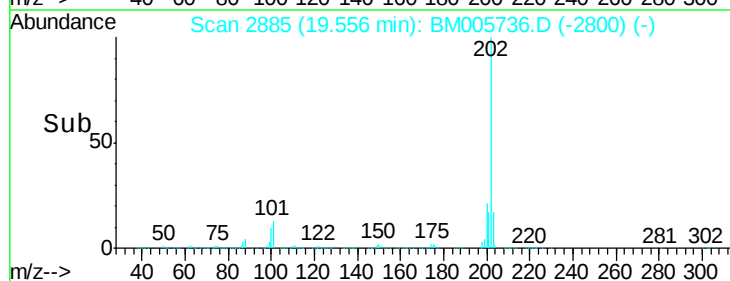
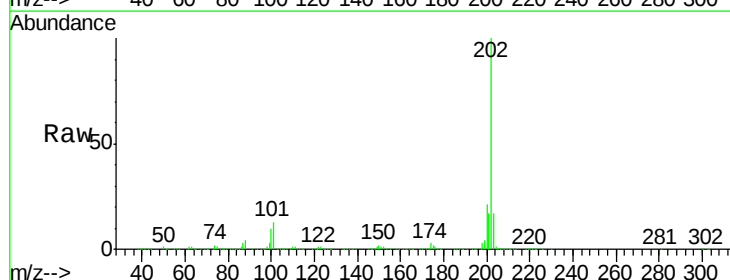
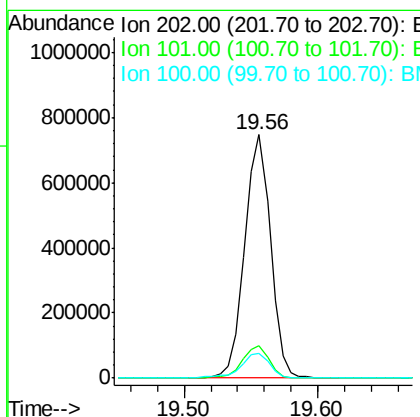
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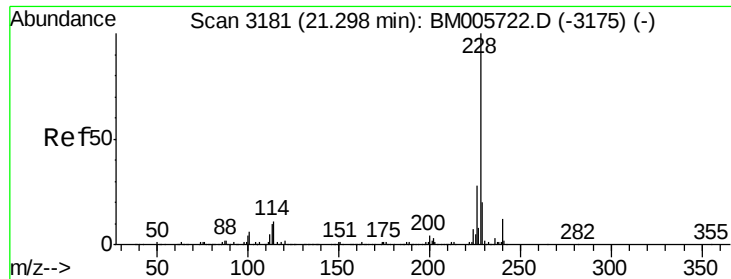
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#31
Pyrene
Concen: 28.48 ng/u1
RT: 19.56 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BM005736.D
Acq: 12 Jun 2016 00:26

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		993747		
101	13.2	10.6	15.8		
100	10.1	8.4	12.6		





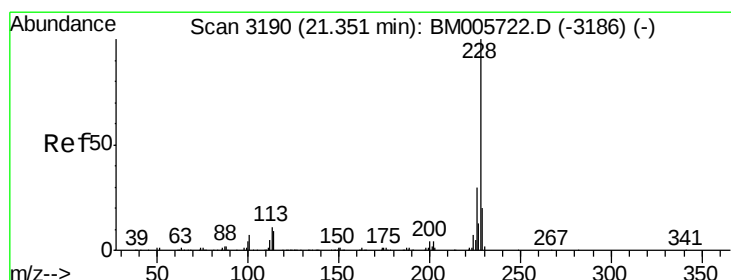
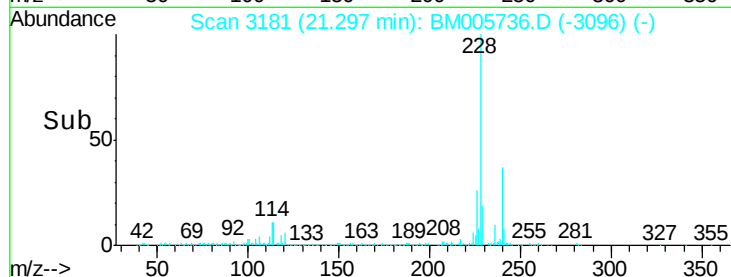
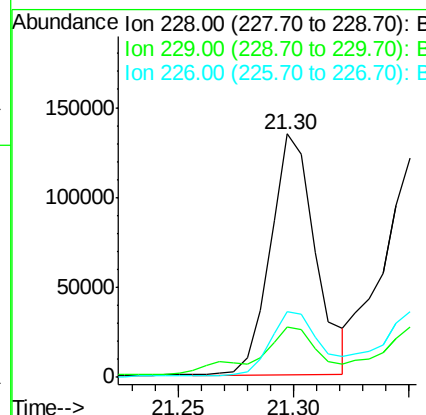
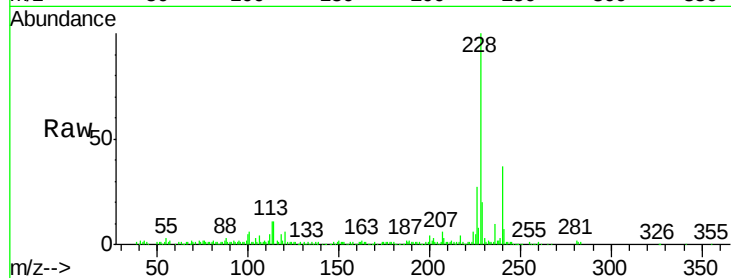
#32
Benzo(a)anthracene
Concen: 5.51 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BM005736.D
Acq: 12 Jun 2016 00:26

Instrument :
BNA_M
ClientSampleId :
D9XR2MS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	182362		
229	20.4	16.1	24.1	
226	26.9	22.1	33.1	

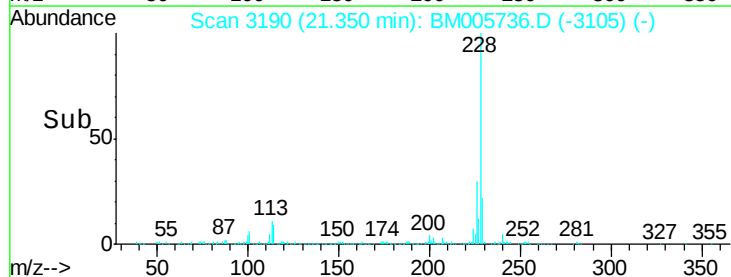
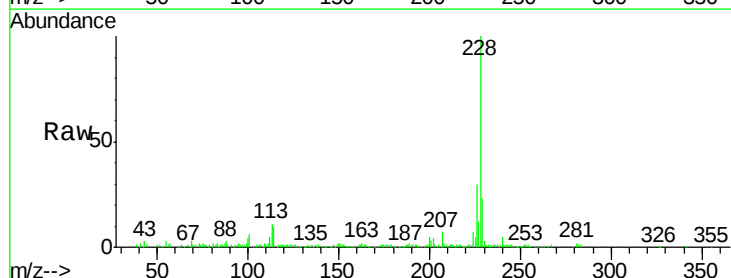
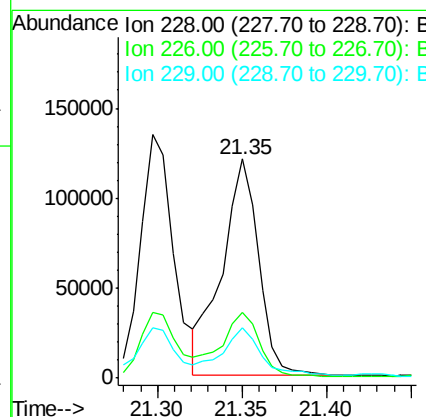
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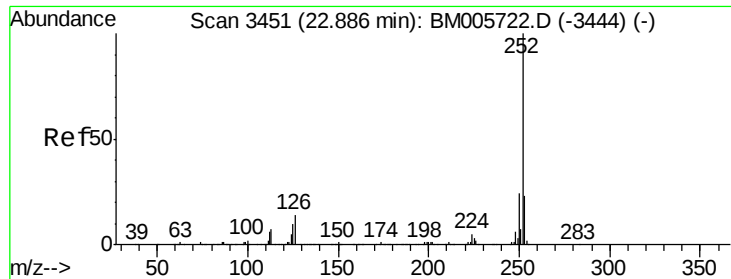
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#33
Chrysene
Concen: 5.57 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BM005736.D
Acq: 12 Jun 2016 00:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	182035		
226	30.3	24.2	36.2	
229	23.0	15.8	23.8	





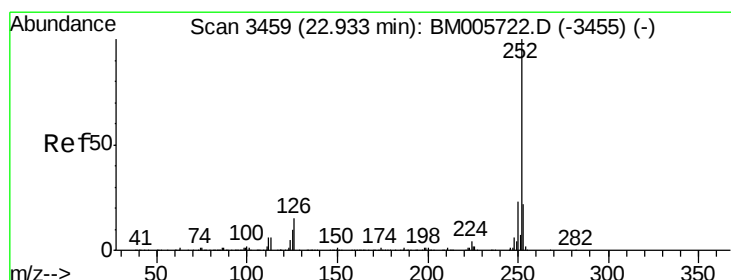
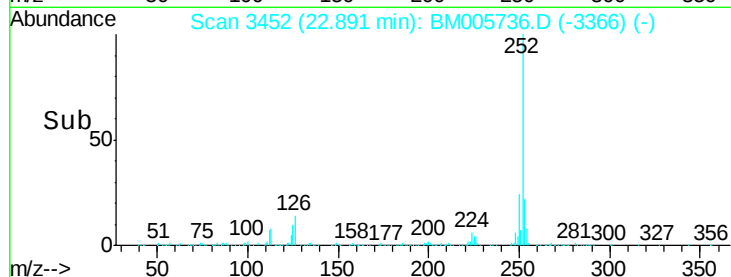
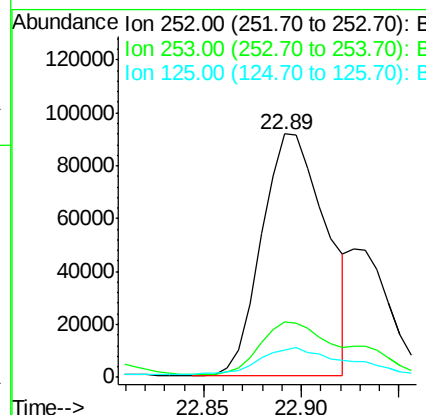
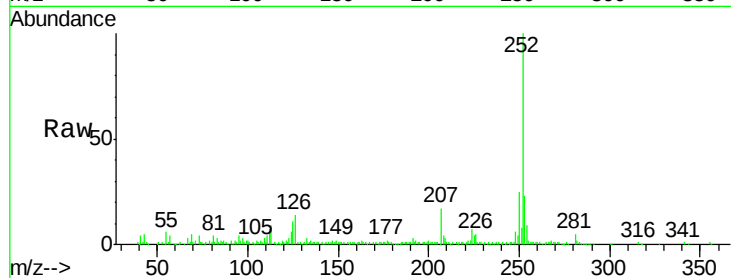
#35
Benzo(b)fluoranthene
Concen: 7.65 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BM005736.D
Acq: 12 Jun 2016 00:26

Instrument :
BNA_M
ClientSampleId :
D9XR2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.5	18.2	27.2
125	11.4	8.4	12.6

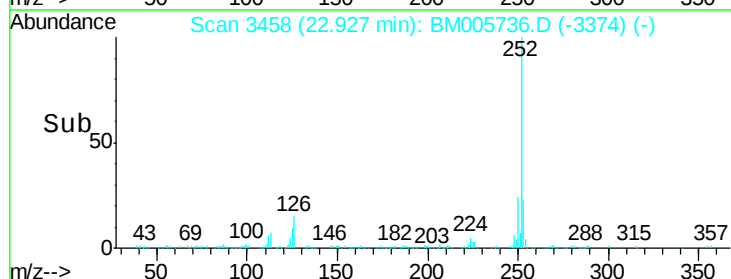
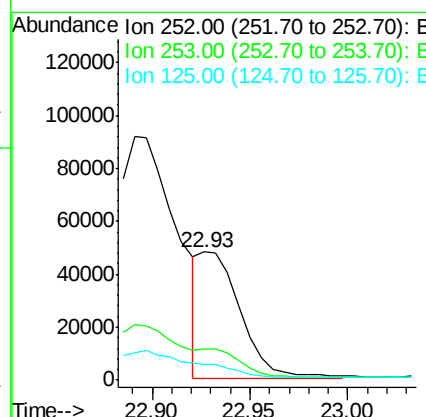
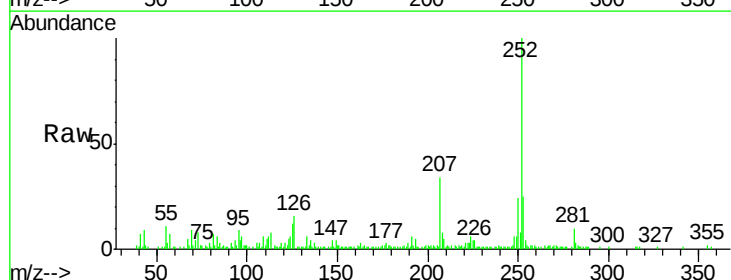
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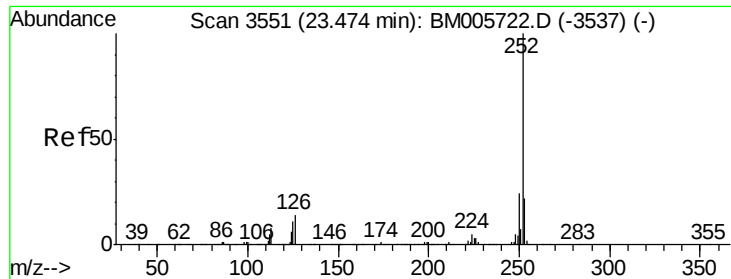
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#36
Benzo(k)fluoranthene
Concen: 2.53 ng/ul m
RT: 22.93 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BM005736.D
Acq: 12 Jun 2016 00:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.5	17.5	26.3
125	12.3	8.2	12.2#





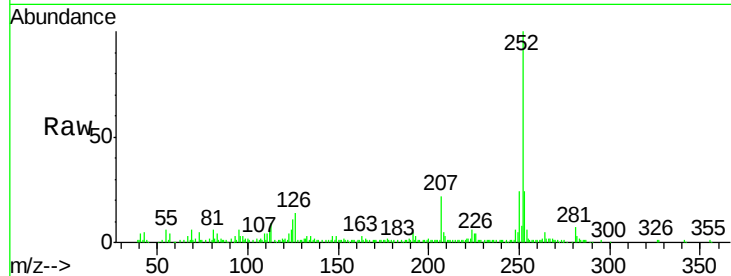
#38
Benzo(a)pyrene
Concen: 5.25 ng/ul
RT: 23.47 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BM005736.D
Acq: 12 Jun 2016 00:26

Instrument :
BNA_M
ClientSampleId :
D9XR2MS

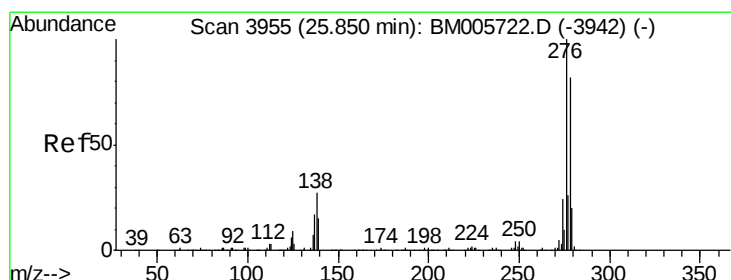
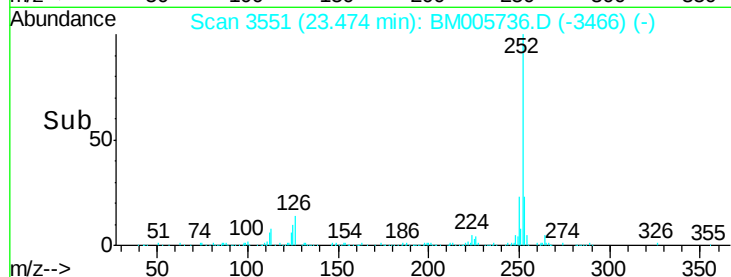
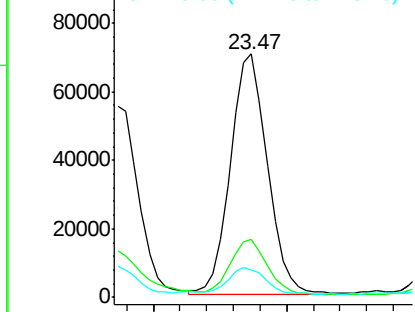
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	136203		
253	24.0	17.7	26.5	
125	11.3	9.1	13.7	

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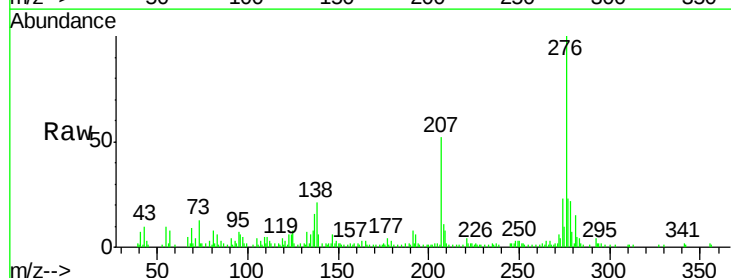


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

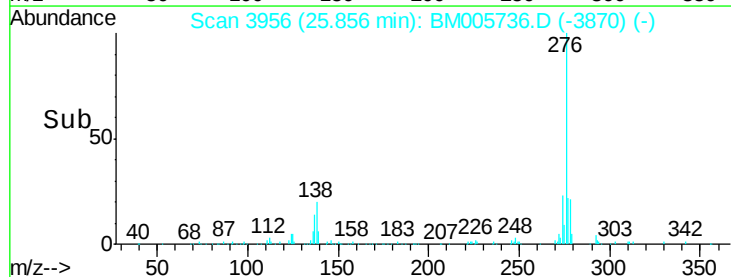
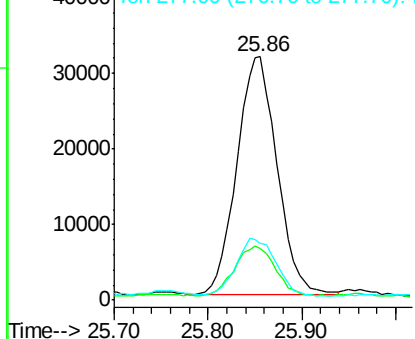


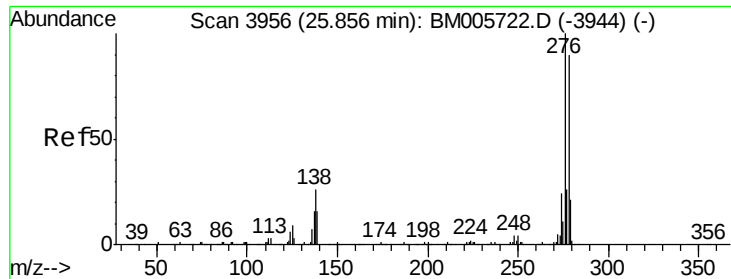
#39
Indeno(1,2,3-cd)pyrene
Concen: 3.70 ng/ul
RT: 25.86 min Scan# 3956
Delta R.T. 0.01 min
Lab File: BM005736.D
Acq: 12 Jun 2016 00:26

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	93703		
138	21.1	21.4	32.2#	
277	23.3	20.5	30.7	



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





#40

Dibenzo(a,h)anthracene

Concen: 1.19 ng/ul

RT: 25.85 min Scan# 3955

Delta R.T. -0.01 min

Lab File: BM005736.D

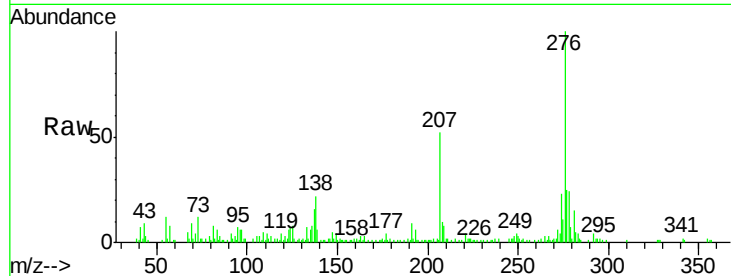
Acq: 12 Jun 2016 00:26

Instrument :

BNA_M

ClientSampleId :

D9XR2MS



Tgt Ion:278 Resp: 25276

Ion Ratio Lower Upper

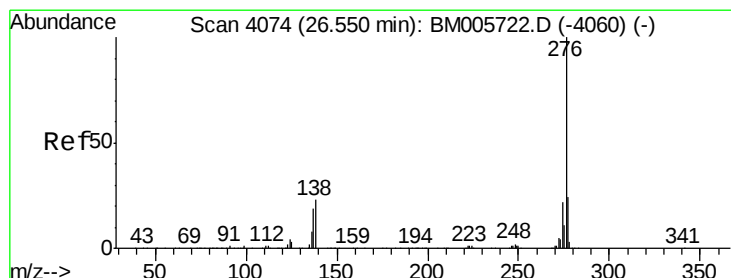
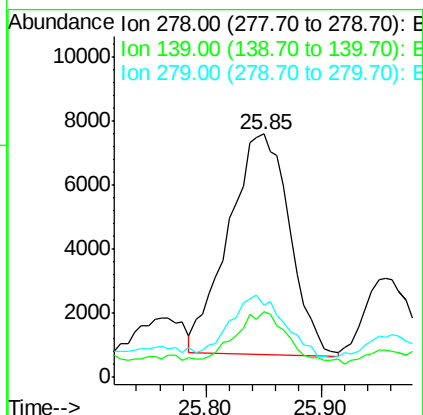
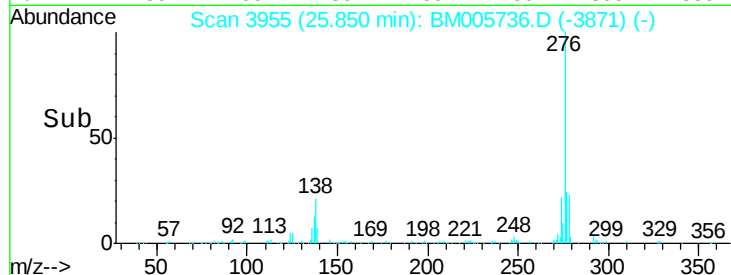
278 100

139 27.2 14.2 21.4#

279 29.4 18.8 28.2#

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#41

Benzo(g,h,i)perylene

Concen: 4.56 ng/ul

RT: 26.55 min Scan# 4074

Delta R.T. -0.00 min

Lab File: BM005736.D

Acq: 12 Jun 2016 00:26

Tgt Ion:276 Resp: 96514

Ion Ratio Lower Upper

276 100

138 24.4 18.2 27.4

277 25.5 19.5 29.3

