

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073016\
 Data File : BM006762.D
 Acq On : 30 Jul 2016 07:35
 Operator : UM/SJ
 Sample : H4188-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9ZL3

Manual Integrations
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Quant Time: Aug 01 11:13:45 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 01:37:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	174672	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	762190	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	444106	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1015313	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1210878	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1282162	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	5552	1.29	ng/uL	0.00
3) Phenol-d5	6.79	99	213809	14.39	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	145017	15.75	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	178220	15.01	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	154502	13.41	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	86667	15.02	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	95588	15.58	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	165669	14.29	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	232664	18.22	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	547567	15.73	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	685756	15.43	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	62801	10.38	ng/ul	0.00
21) Fluorene-d10	15.26	176	492944	15.83	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	53868	10.22	ng/ul	0.00
26) Anthracene-d10	17.11	188	741991	15.39	ng/ul	0.00
30) Pyrene-d10	19.41	212	901267	16.33	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	959349	16.27	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.05	178	67405	1.18	ng/ul	97
28) Fluoranthene	19.07	202	279010	4.16	ng/ul	97
31) Pyrene	19.44	202	290845	3.97	ng/ul	98
32) Benzo(a)anthracene	21.20	228	272381	3.71	ng/ul	99
33) Chrysene	21.24	228	354092	5.23	ng/ul	98
35) Benzo(b)fluoranthene	22.76	252	667977	8.69	ng/ul	99
36) Benzo(k)fluoranthene	22.79	252	222148m	2.99	ng/ul	
38) Benzo(a)pyrene	23.31	252	484875	6.48	ng/ul	96
39) Indeno(1,2,3-cd)pyrene	25.60	276	378721	4.37	ng/ul	98
40) Dibenzo(a,h)anthracene	25.60	278	111616m	1.55	ng/ul	
41) Benzo(g,h,i)perylene	26.28	276	356964	4.81	ng/ul	96

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

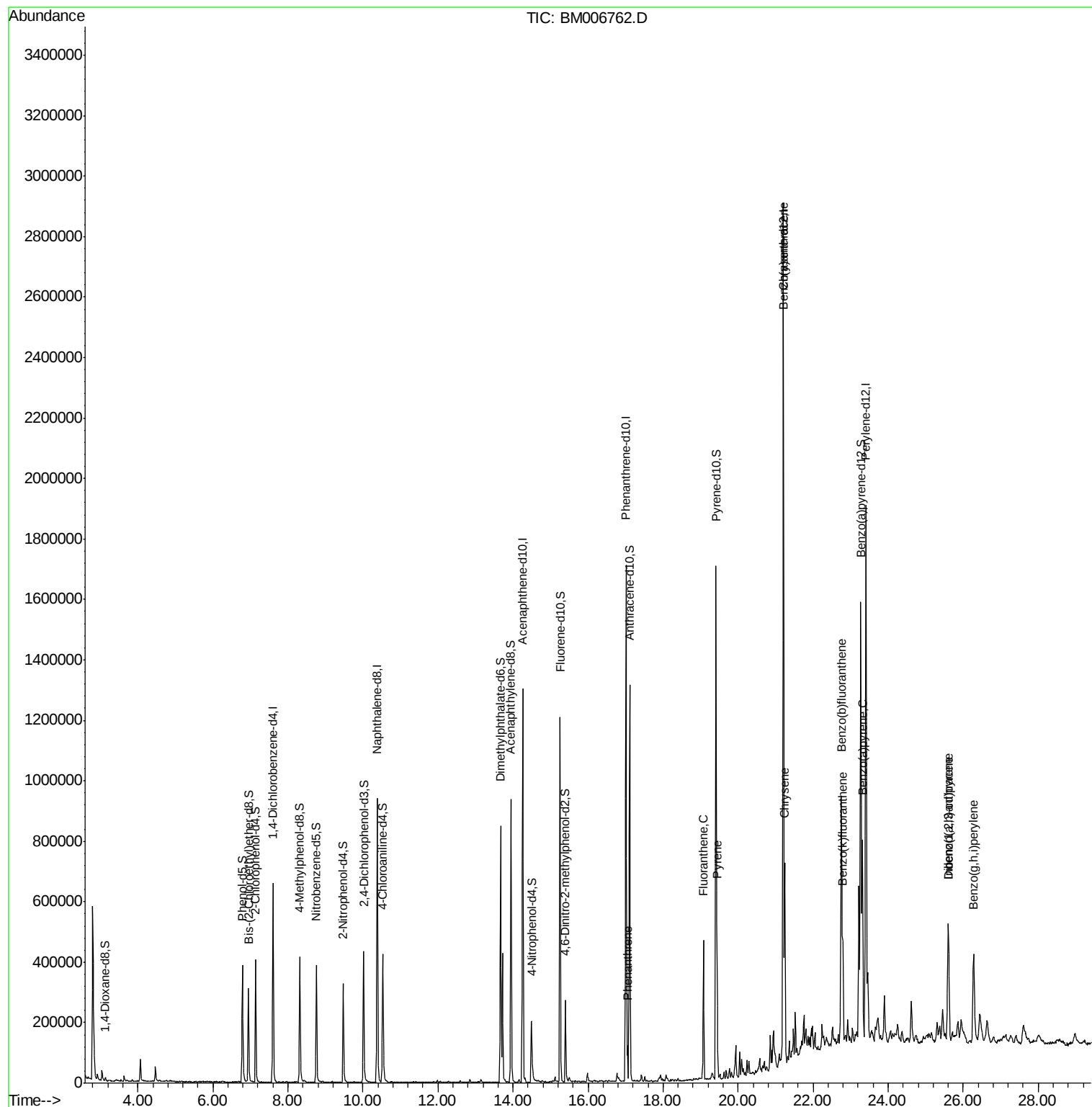
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073016\
Data File : BM006762.D
Acq On : 30 Jul 2016 07:35
Operator : UM/SJ
Sample : H4188-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

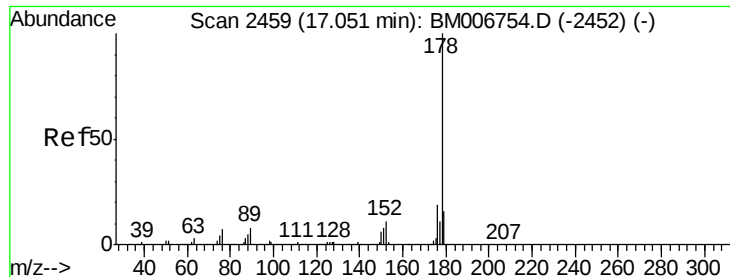
Instrument :
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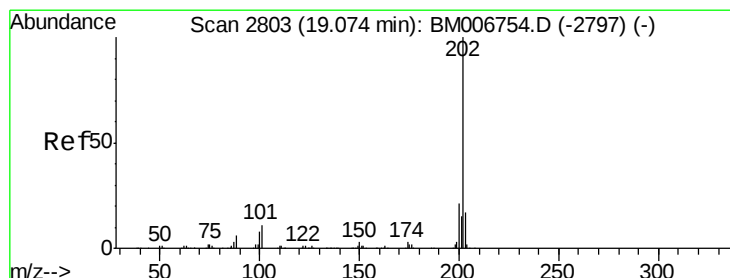
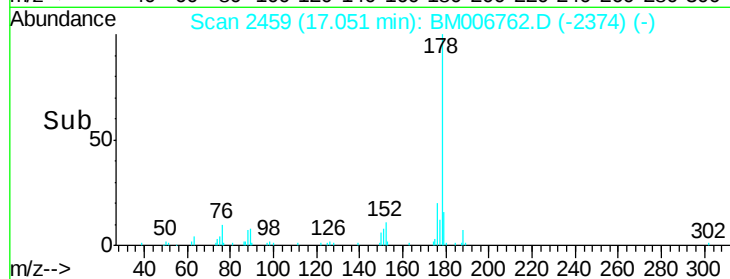
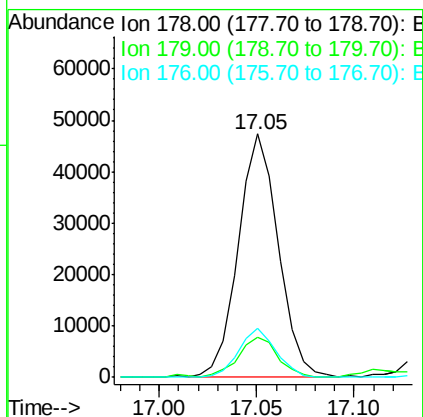
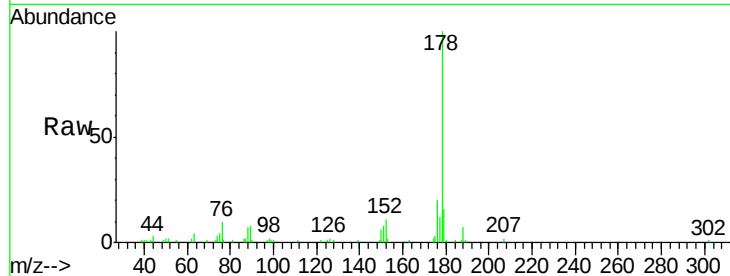
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Phenanthrene
Concen: 1.18 ng/ul
RT: 17.05 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BM006762.D
Acq: 30 Jul 2016 07:35

Instrument :
BNA_M
ClientSampleId :
D9ZL3

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.8	17.8
176	20.0	14.8	22.2

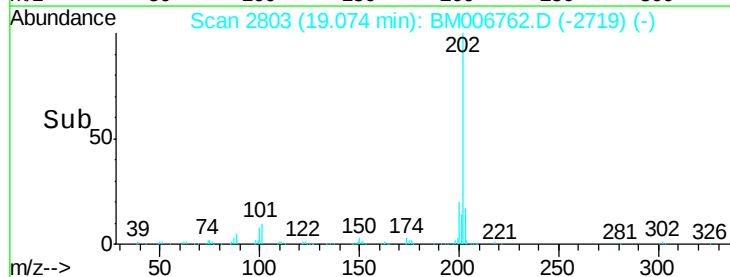
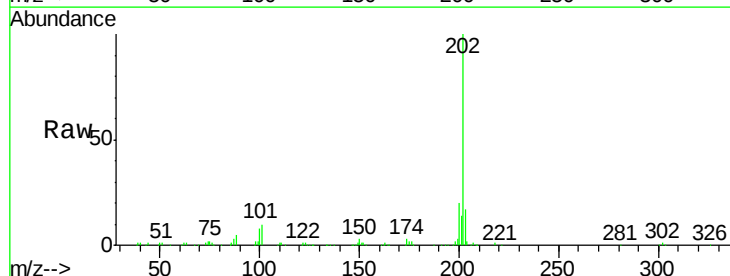
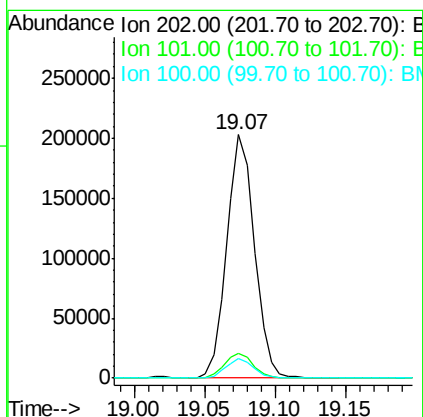
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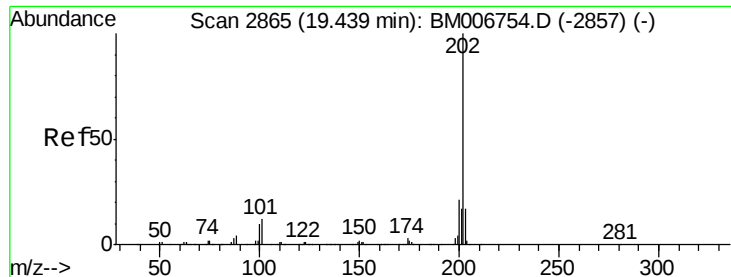
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#28
Fluoranthene
Concen: 4.16 ng/ul
RT: 19.07 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM006762.D
Acq: 30 Jul 2016 07:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.9	13.3
100	7.8	7.0	10.4





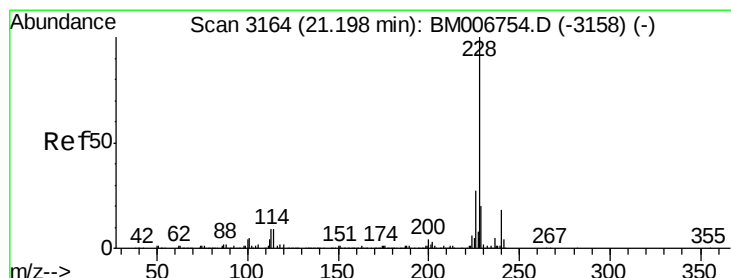
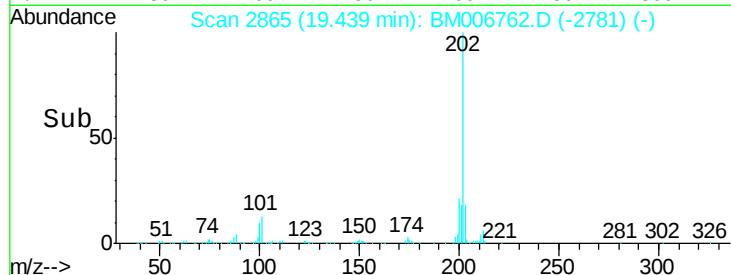
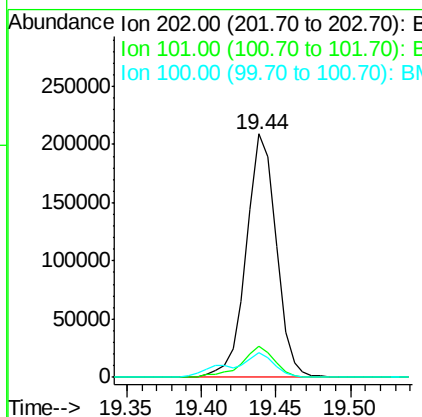
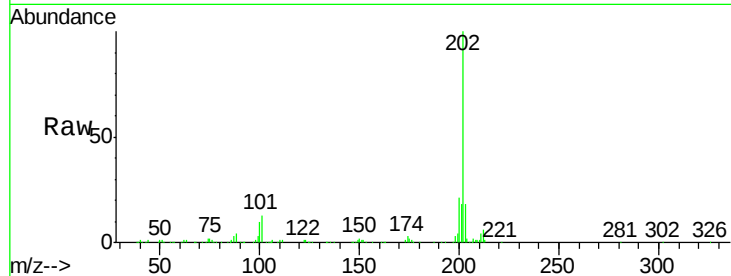
#31
 Pyrene
 Concen: 3.97 ng/ul
 RT: 19.44 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BM006762.D
 Acq: 30 Jul 2016 07:35

Instrument :
 BNA_M
 ClientSampled :
 D9ZL3

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.7	9.8	14.8
100	10.1	9.3	13.9

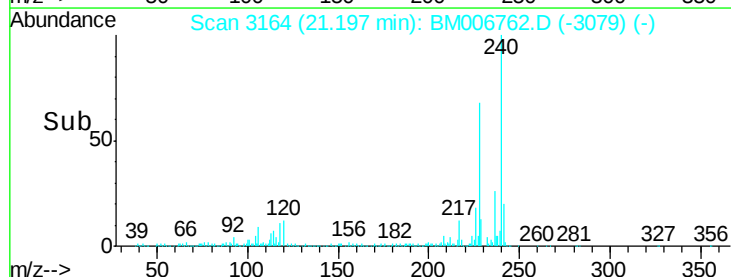
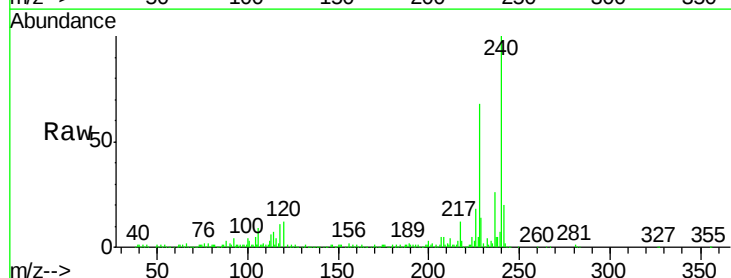
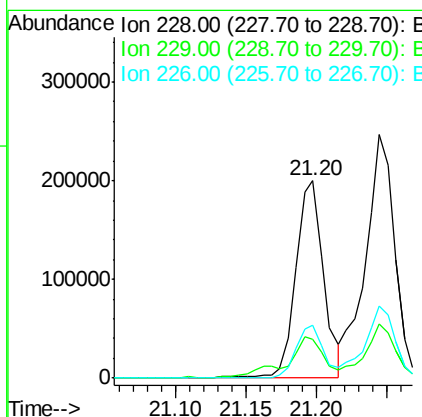
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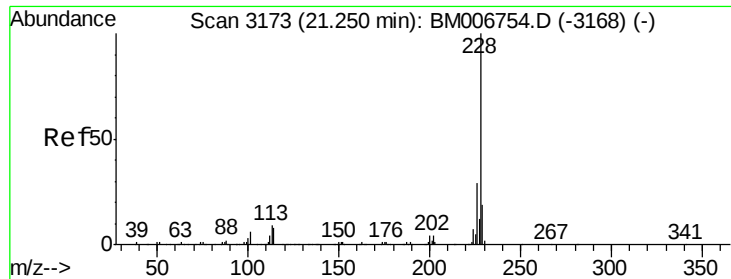
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#32
 Benzo(a)anthracene
 Concen: 3.71 ng/ul
 RT: 21.20 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BM006762.D
 Acq: 30 Jul 2016 07:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.9	16.6	25.0
226	26.8	21.0	31.4





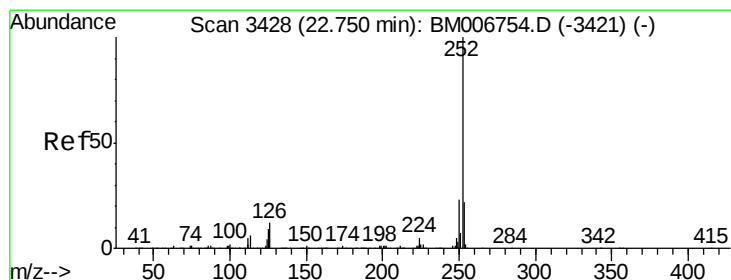
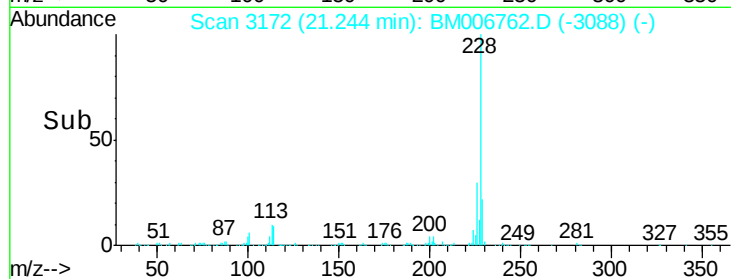
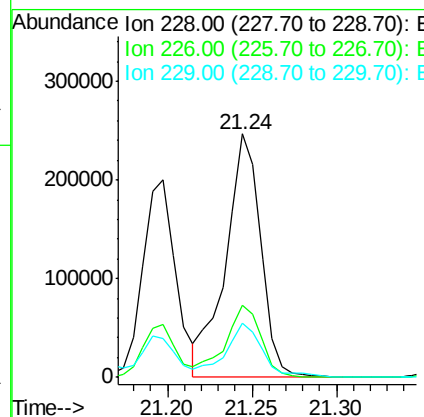
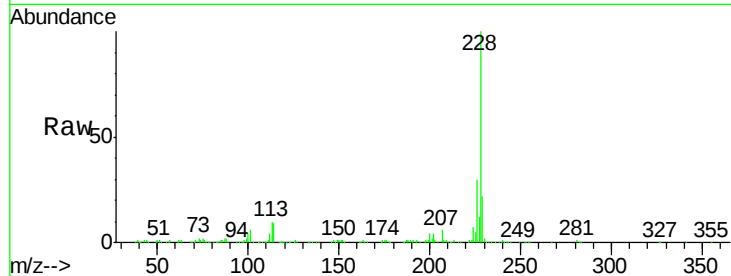
#33
Chrysene
Concen: 5.23 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BM006762.D
Acq: 30 Jul 2016 07:35

Instrument :
BNA_M
ClientSampleId :
D9ZL3

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	354092		
226	29.8		23.4	35.2
229	22.3		16.2	24.2

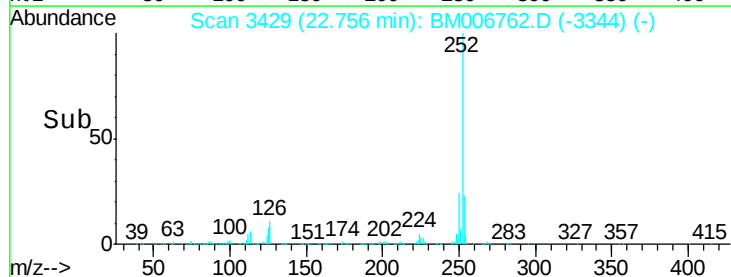
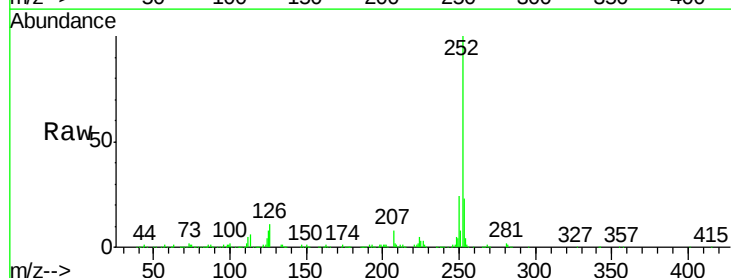
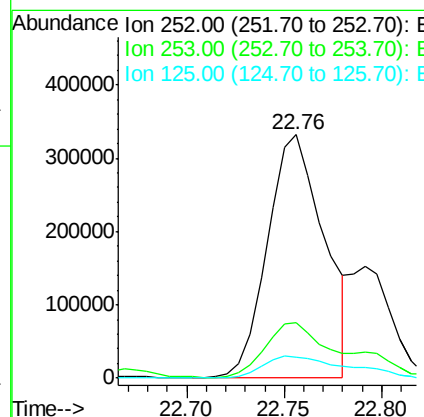
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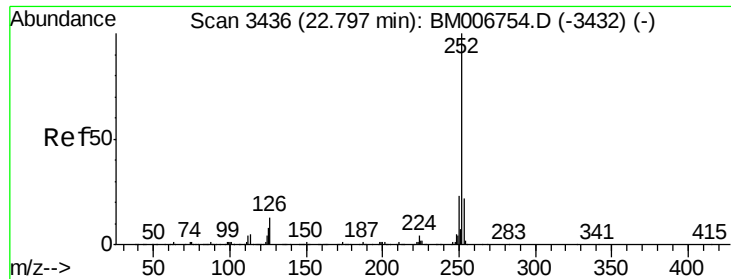
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#35
Benzo(b)fluoranthene
Concen: 8.69 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.00 min
Lab File: BM006762.D
Acq: 30 Jul 2016 07:35

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	667977		
253	22.9		18.1	27.1
125	8.5		7.6	11.4





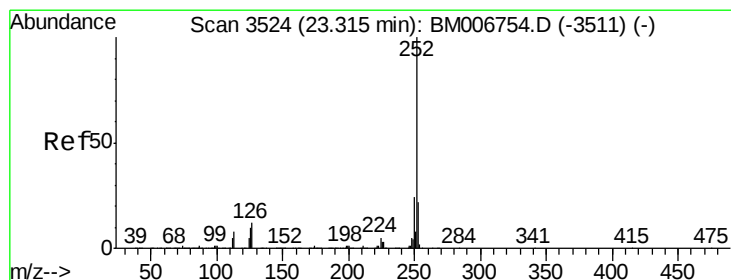
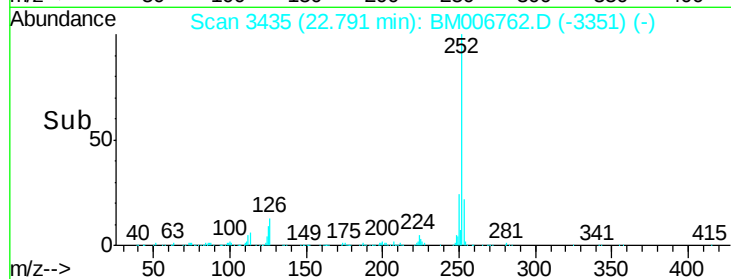
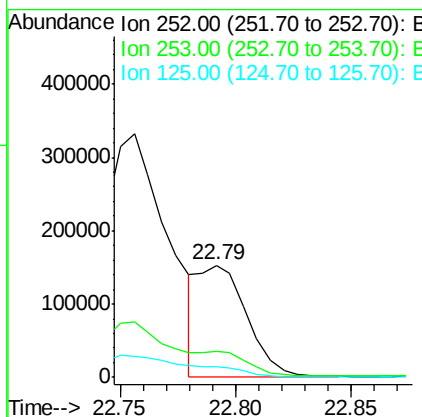
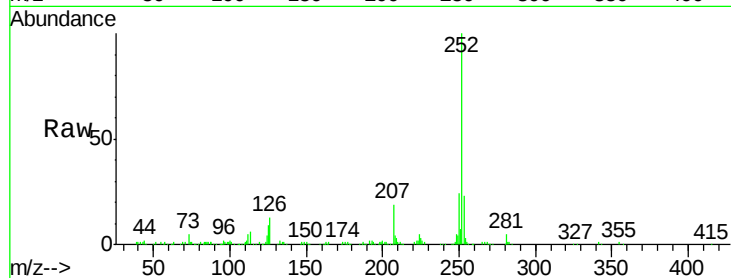
#36
Benzo(k)fluoranthene
Concen: 2.99 ng/ul m
RT: 22.79 min Scan# 3435
Delta R.T. -0.01 min
Lab File: BM006762.D
Acq: 30 Jul 2016 07:35

Instrument :
BNA_M
ClientSampled :
D9ZL3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	9.1	7.7	11.5

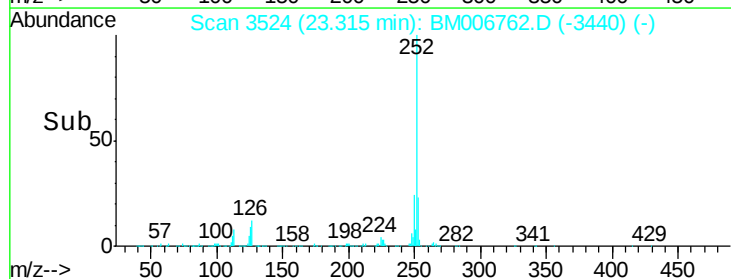
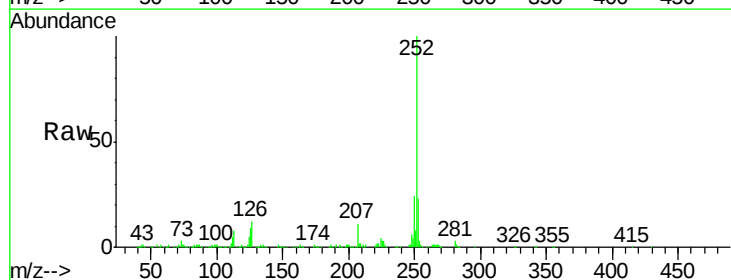
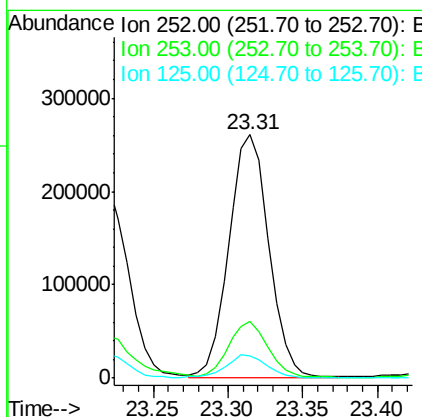
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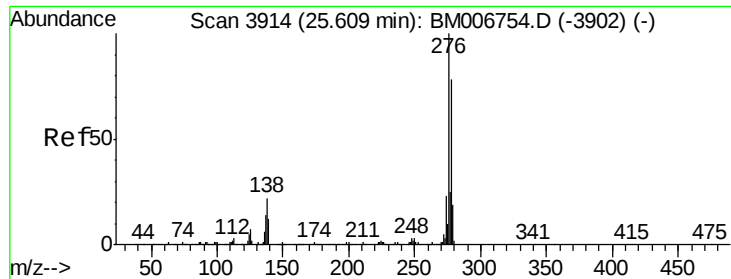
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#38
Benzo(a)pyrene
Concen: 6.48 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006762.D
Acq: 30 Jul 2016 07:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	9.1	8.2	12.2





#39

Indeno(1,2,3-cd)pyrene

Concen: 4.37 ng/ul

RT: 25.60 min Scan# 3913

Delta R.T. -0.02 min

Lab File: BM006762.D

Acq: 30 Jul 2016 07:35

Instrument :

BNA_M

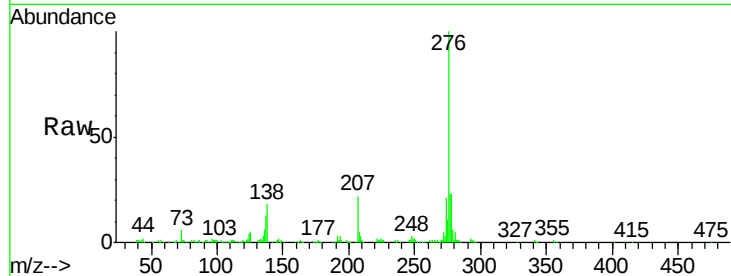
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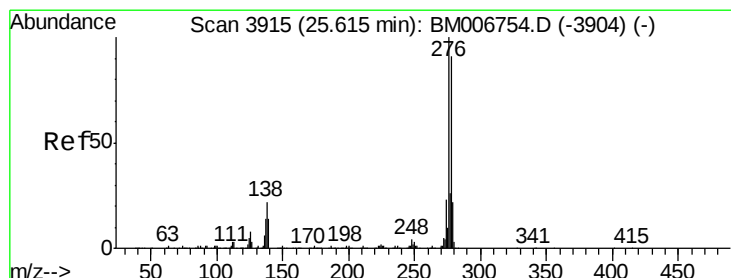
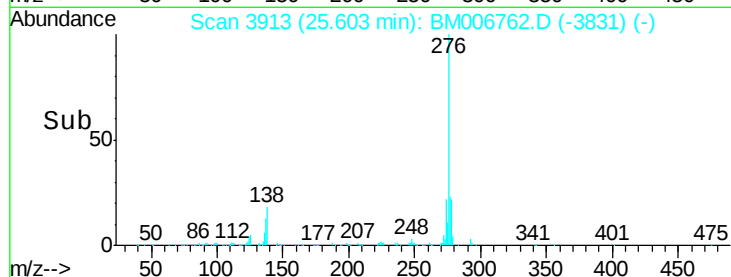
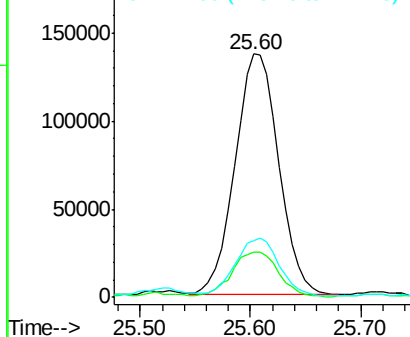
Tgt Ion:	276	Resp:	378721
Ion Ratio	Lower	Upper	
276	100		
138	18.4	15.8	23.6
277	23.4	19.0	28.6

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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: 1.55 ng/ul m

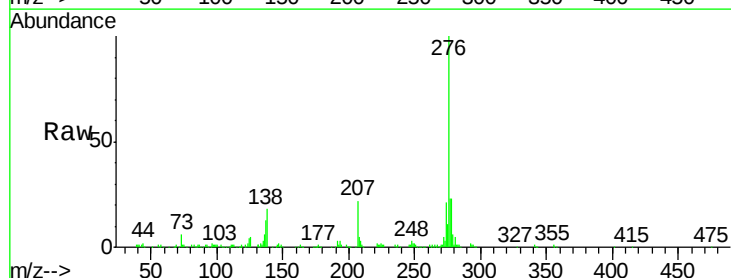
RT: 25.60 min Scan# 3913

Delta R.T. -0.02 min

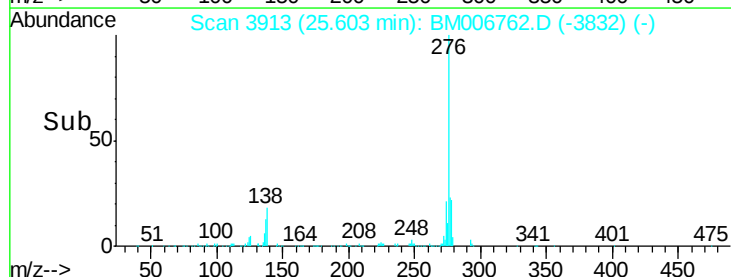
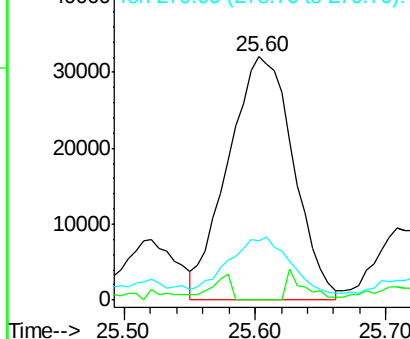
Lab File: BM006762.D

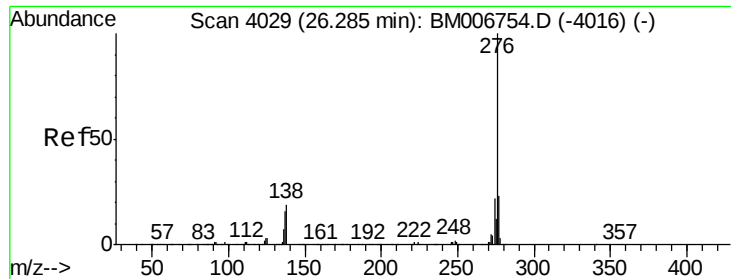
Acq: 30 Jul 2016 07:35

Tgt Ion:	278	Resp:	111616
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.1	18.1#
279	24.4	19.8	29.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#41
 Benzo(g,h,i)perylene
 Concen: 4.81 ng/ul
 RT: 26.28 min Scan# 4028
 Delta R.T. -0.01 min
 Lab File: BM006762.D
 Acq: 30 Jul 2016 07:35

Instrument :
 BNA_M
 ClientSampleId :
 D9ZL3

Tgt Ion:	276	Resp:	356964
Ion Ratio	Lower	Upper	
276	100		
138	18.9	13.9	20.9
277	22.1	19.8	29.6

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