

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
 Data File : BM005848.D
 Acq On : 17 Jun 2016 03:26
 Operator : UM/SJ
 Sample : H3535-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y11

Manual Integrations
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Quant Time: Jun 17 05:23:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 01:56:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	32048	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	140226	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	86553	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	202753	20.00	ng/ul	0.00
29) Chrysene-d12	21.30	240	199739	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	173493	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	1022	4.13	ng/uL	0.00
3) Phenol-d5	6.92	99	54078	20.16	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	28227	20.30	ng/ul	0.00
5) 2-Chlorophenol-d4	7.26	132	49726	21.77	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	44660	18.62	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	22988	23.23	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	28792	23.81	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	51408	21.52	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	19756m	12.22	ng/ul	0.00
16) Dimethylphthalate-d6	13.78	166	169928	20.75	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	211019	22.37	ng/ul	0.00
20) 4-Nitrophenol-d4	14.62	143	16872m	17.10	ng/ul	0.00
21) Fluorene-d10	15.37	176	150538	21.58	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	20866	15.25	ng/ul	0.00
26) Anthracene-d10	17.22	188	233734	22.08	ng/ul	0.00
30) Pyrene-d10	19.52	212	259426	27.40	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.42	264	196805	22.69	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.16	178	44781	3.71	ng/ul	99
28) Fluoranthene	19.18	202	146342	9.65	ng/ul	99
31) Pyrene	19.54	202	136902	11.60	ng/ul	99
32) Benzo(a)anthracene	21.29	228	86262	6.92	ng/ul	97
33) Chrysene	21.34	228	88303	7.35	ng/ul	95
35) Benzo(b)fluoranthene	22.88	252	134729	12.47	ng/ul#	96
36) Benzo(k)fluoranthene	22.92	252	42640m	4.09	ng/ul	
38) Benzo(a)pyrene	23.46	252	84433	7.96	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.84	276	64965	5.01	ng/ul	96
40) Dibenzo(a,h)anthracene	25.83	278	18253	1.71	ng/ul#	80
41) Benzo(g,h,i)perylene	26.55	276	66102	5.99	ng/ul	98

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

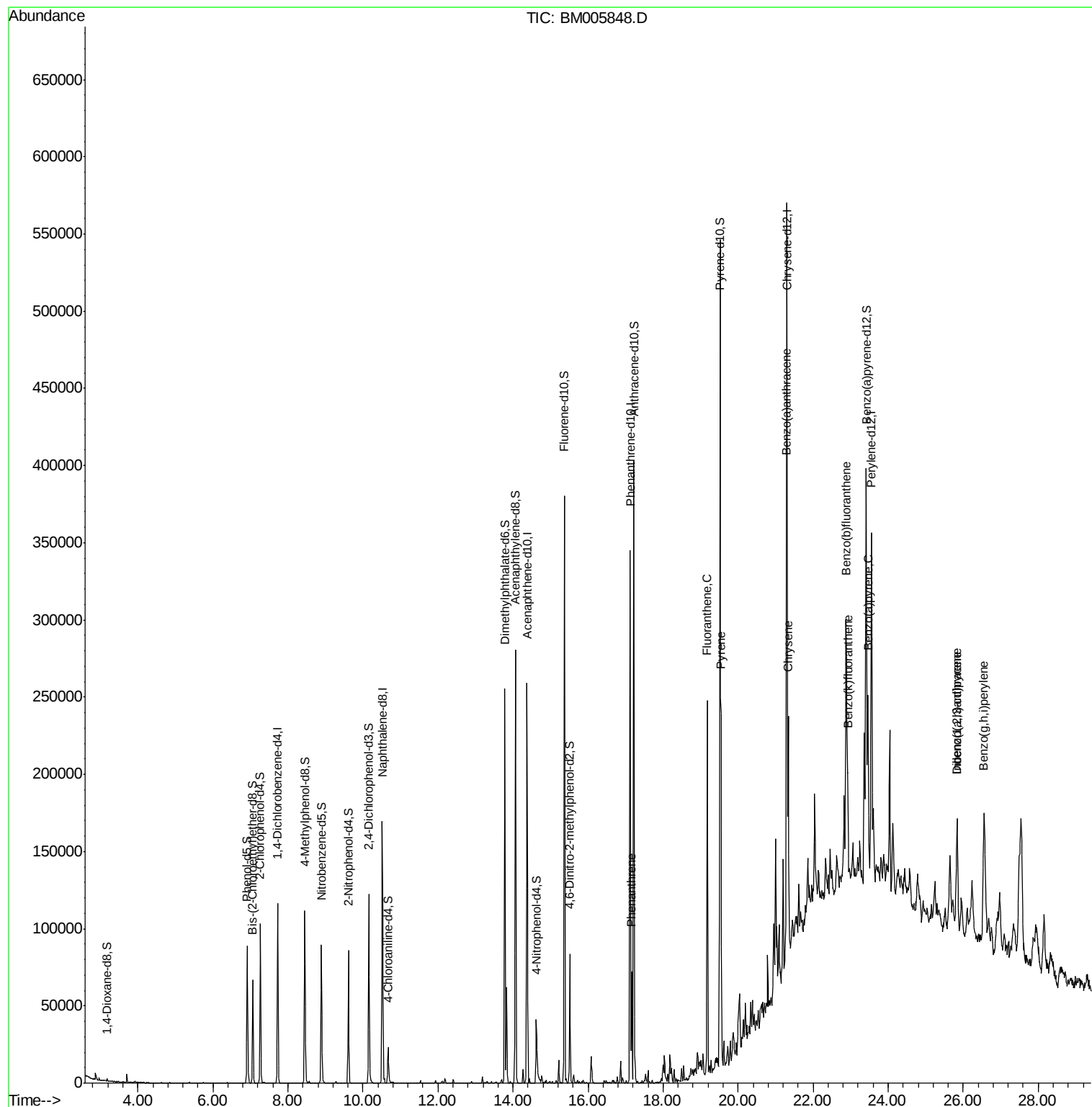
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
Data File : BM005848.D
Acq On : 17 Jun 2016 03:26
Operator : UM/SJ
Sample : H3535-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

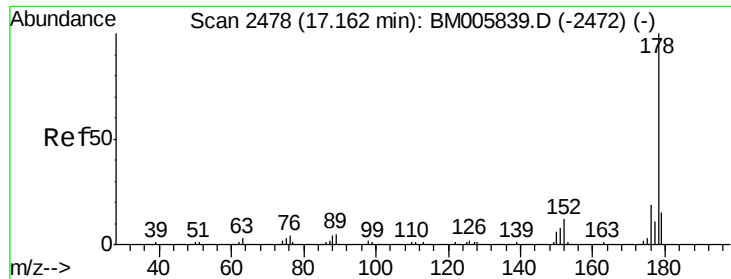
Instrument :
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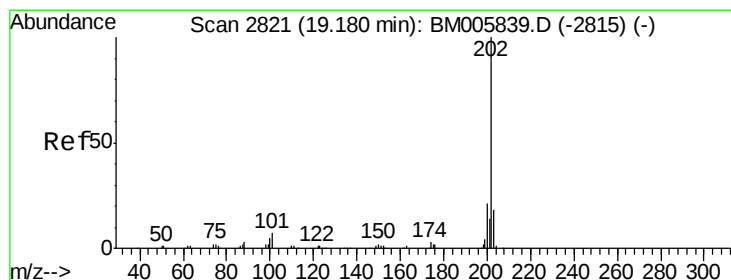
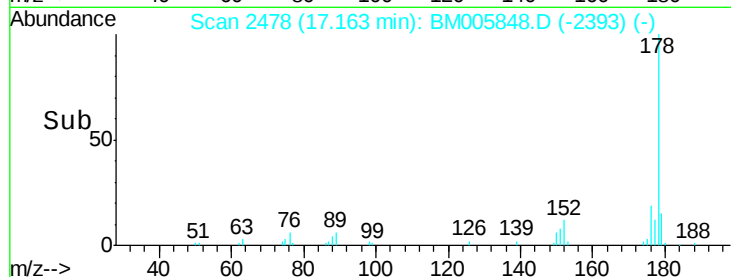
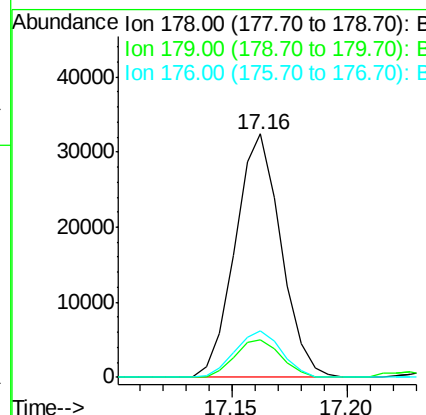
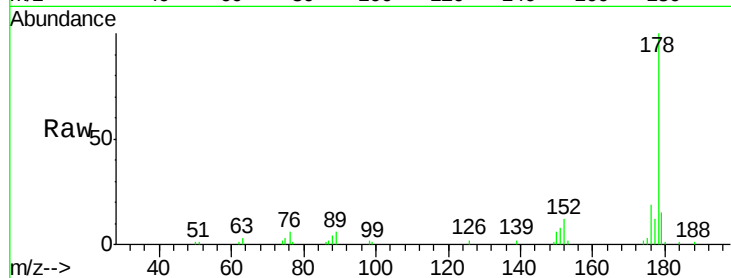
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Phenanthrene
Concen: 3.71 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BM005848.D
Acq: 17 Jun 2016 03:26

Instrument :
BNA_M
ClientSampleId :
D9Y11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.0	18.0
176	19.2	14.9	22.3

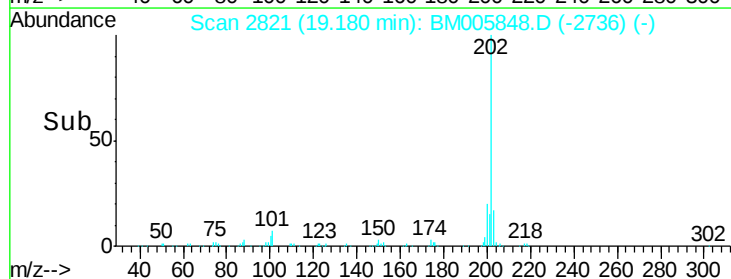
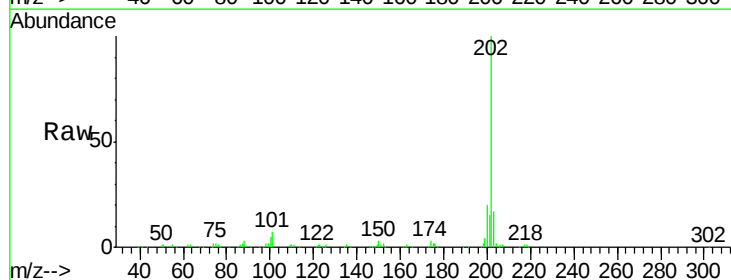
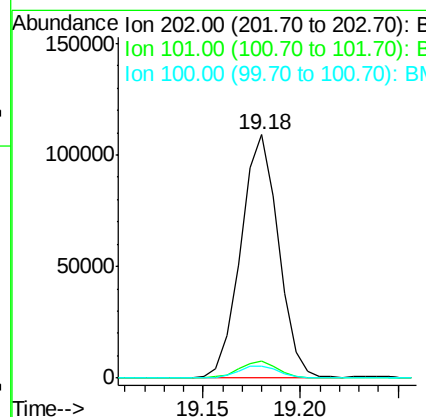
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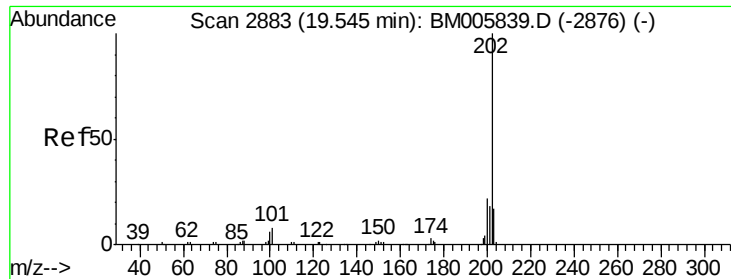
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#28
Fluoranthene
Concen: 9.65 ng/ul
RT: 19.18 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BM005848.D
Acq: 17 Jun 2016 03:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.1	9.1
100	5.0	4.2	6.2





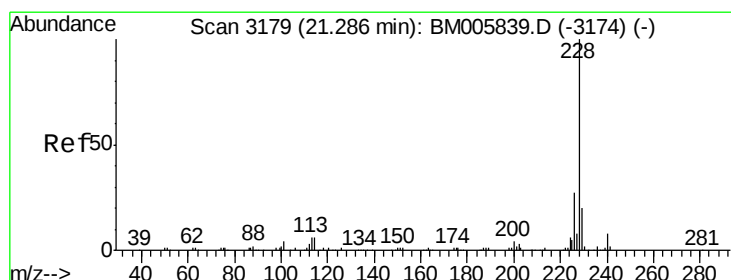
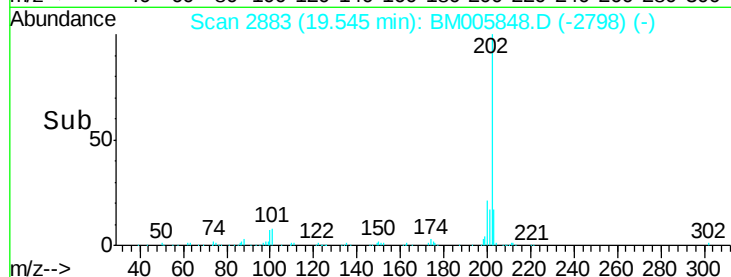
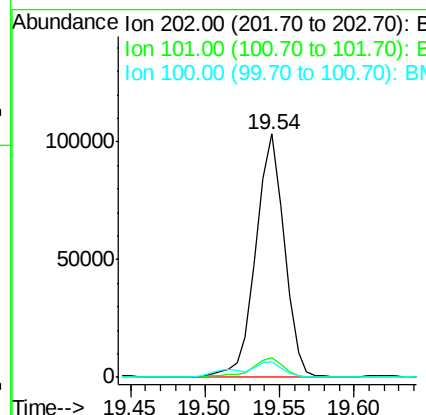
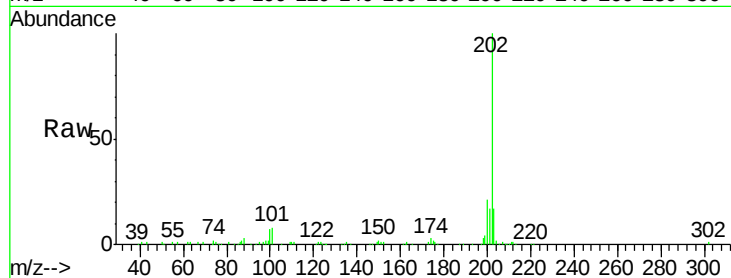
#31
 Pyrene
 Concen: 11.60 ng/ul
 RT: 19.54 min Scan# 2883
 Delta R.T. 0.00 min
 Lab File: BM005848.D
 Acq: 17 Jun 2016 03:26

Instrument :
 BNA_M
 ClientSampleId :
 D9Y11

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.9	6.5	9.7
100	6.6	5.4	8.2

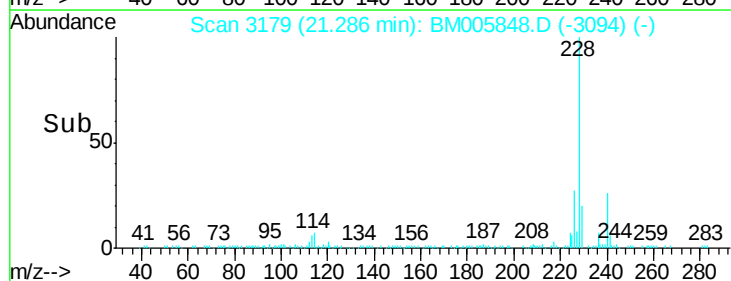
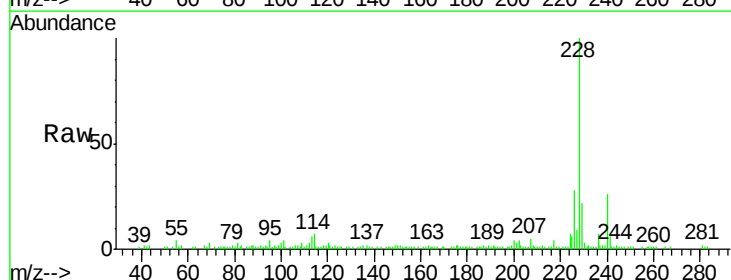
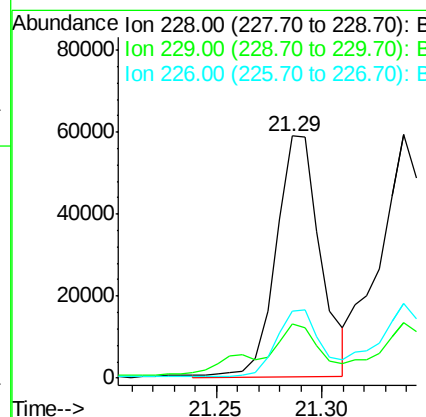
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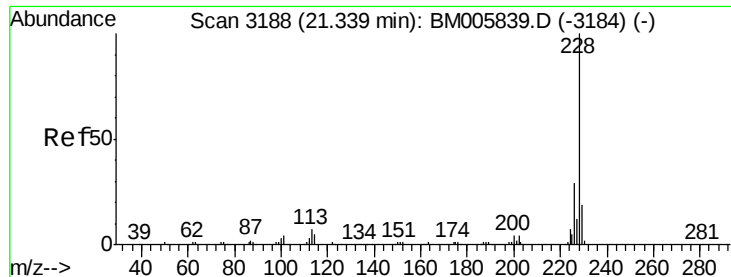
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#32
 Benzo(a)anthracene
 Concen: 6.92 ng/ul
 RT: 21.29 min Scan# 3179
 Delta R.T. 0.00 min
 Lab File: BM005848.D
 Acq: 17 Jun 2016 03:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.3	15.8	23.6
226	27.9	21.8	32.6





#33

Chrysene

Concen: 7.35 ng/ul

RT: 21.34 min Scan# 3188

Delta R.T. 0.00 min

Lab File: BM005848.D

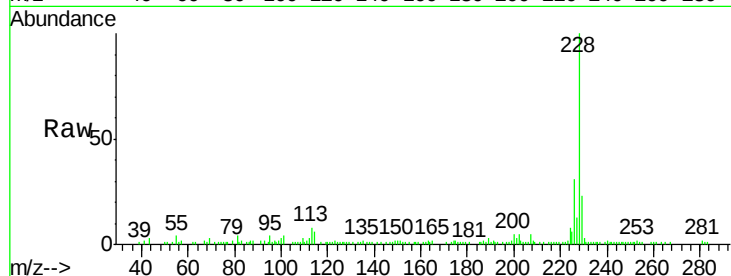
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Instrument :

BNA_M

ClientSampleId :

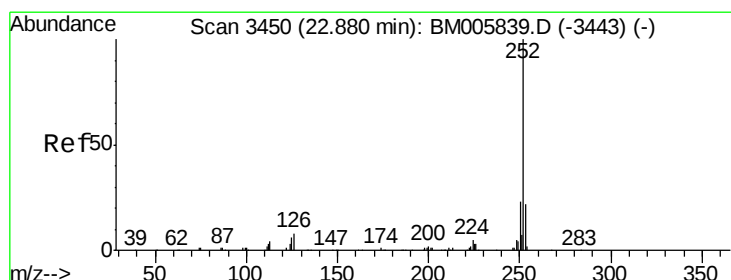
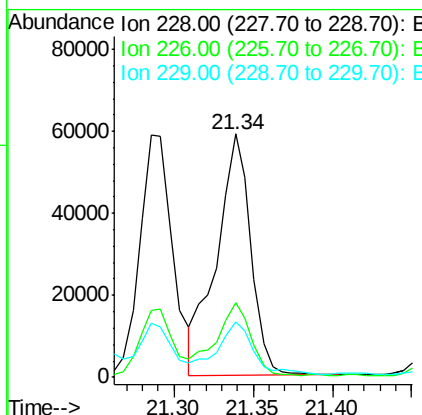
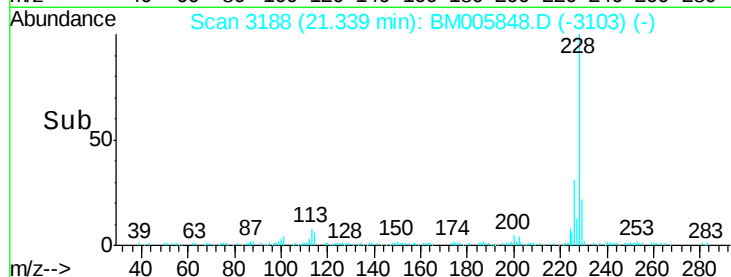
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Tgt Ion:	228	Resp:	88303
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.5	35.3
229	22.7	15.4	23.0

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#35

Benzo(b)fluoranthene

Concen: 12.47 ng/ul

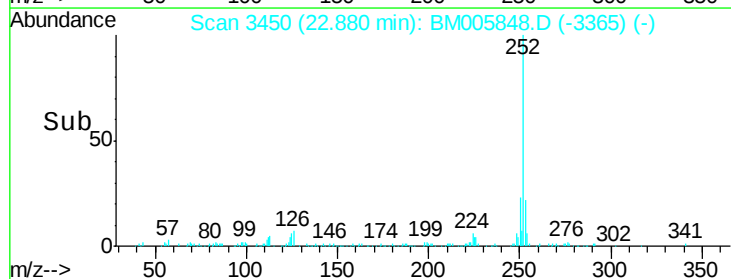
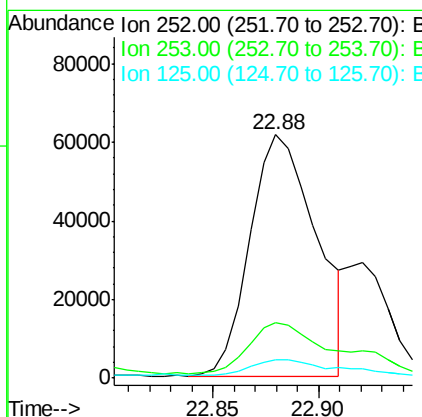
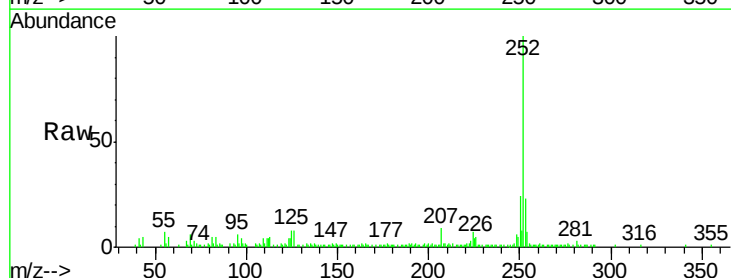
RT: 22.88 min Scan# 3450

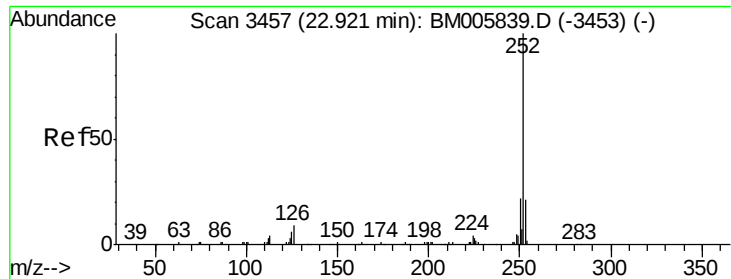
Delta R.T. 0.00 min

Lab File: BM005848.D

Acq: 17 Jun 2016 03:26

Tgt Ion:	252	Resp:	134729
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.1	25.7
125	7.5	4.9	7.3#





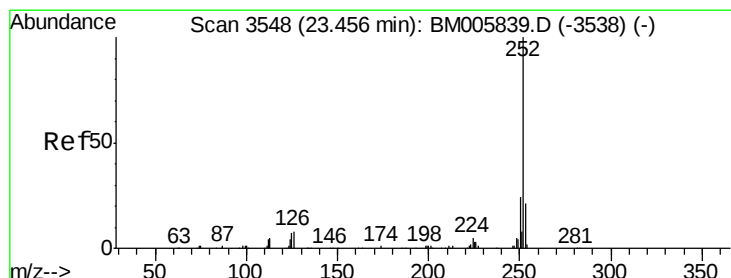
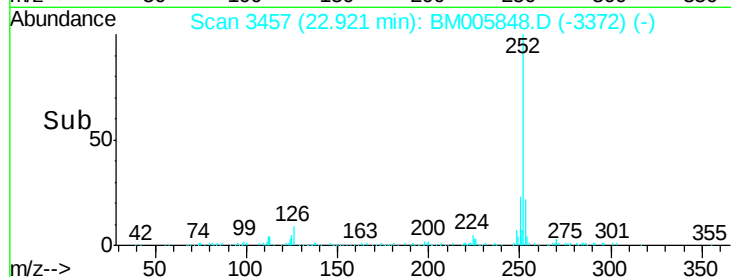
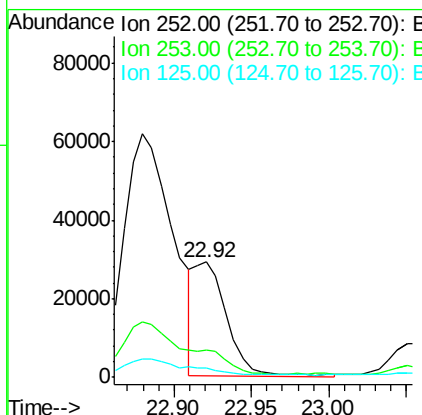
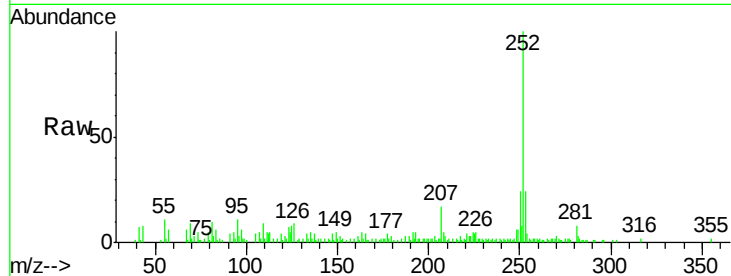
#36
Benzo(k)fluoranthene
Concen: 4.09 ng/ul m
RT: 22.92 min Scan# 3457
Delta R.T. 0.00 min
Lab File: BM005848.D
Acq: 17 Jun 2016 03:26

Instrument :
BNA_M
ClientSampled :
D9Y11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	7.7	4.8	7.2#

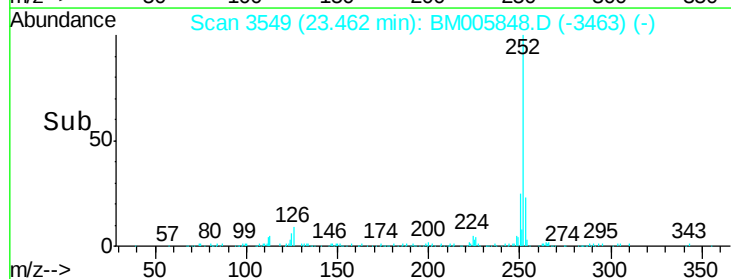
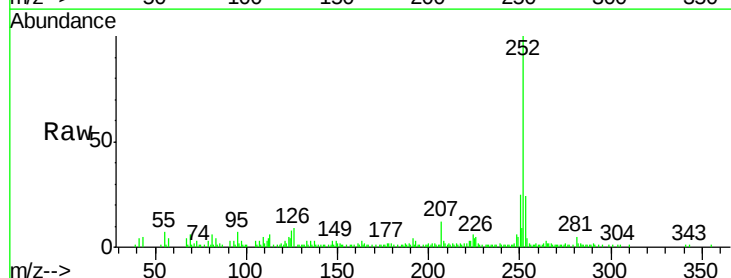
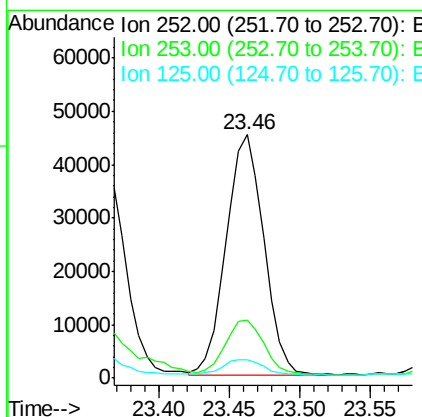
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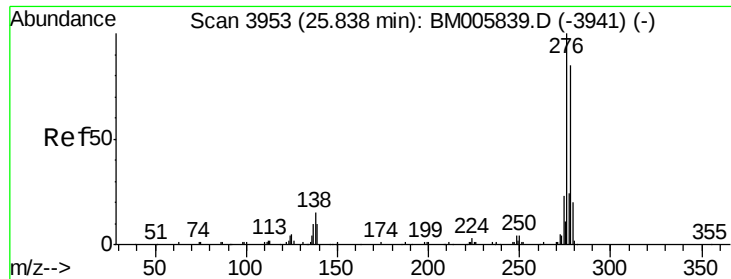
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#38
Benzo(a)pyrene
Concen: 7.96 ng/ul
RT: 23.46 min Scan# 3549
Delta R.T. 0.01 min
Lab File: BM005848.D
Acq: 17 Jun 2016 03:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	7.6	5.1	7.7





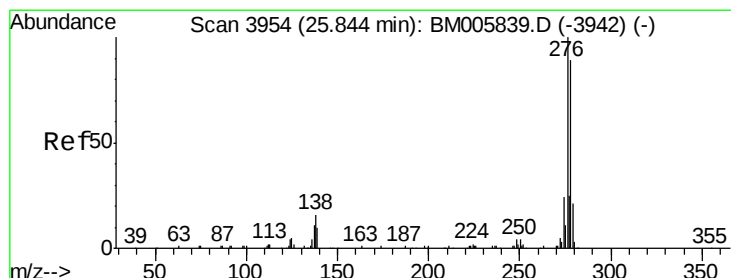
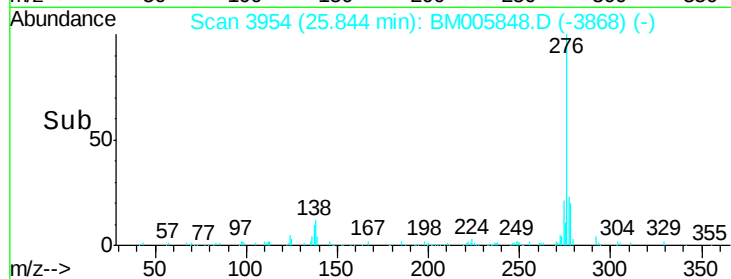
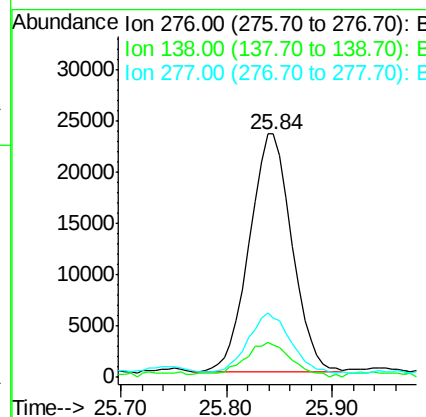
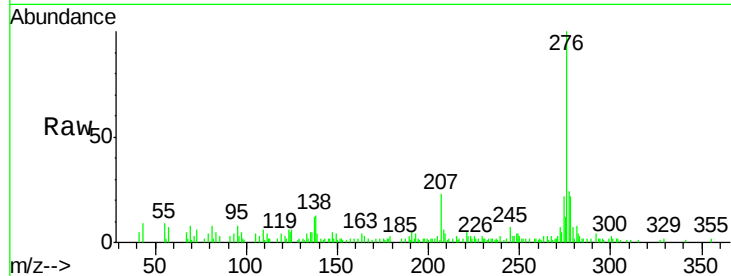
#39
Indeno(1,2,3-cd)pyrene
Concen: 5.01 ng/u1
RT: 25.84 min Scan# 3954
Delta R.T. 0.01 min
Lab File: BM005848.D
Acq: 17 Jun 2016 03:26

Instrument :
BNA_M
ClientSampleId :
D9Y11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.4	11.9	17.9
277	24.1	21.0	31.6

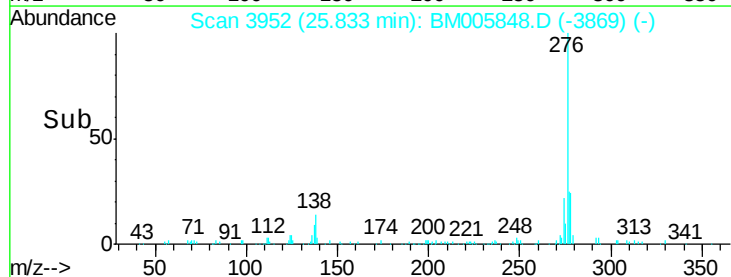
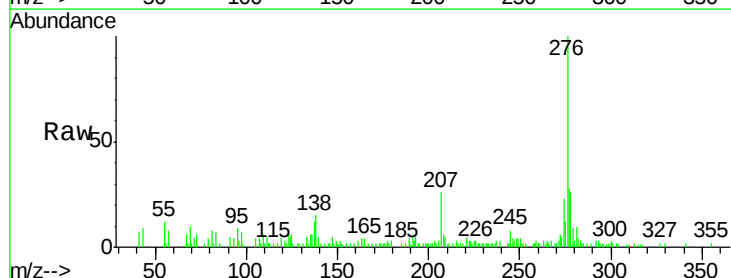
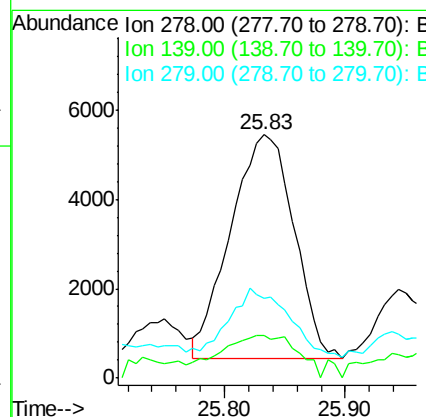
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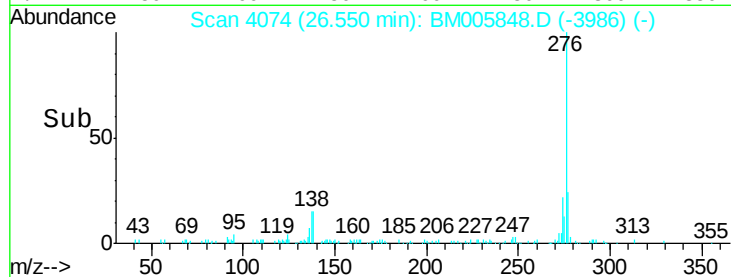
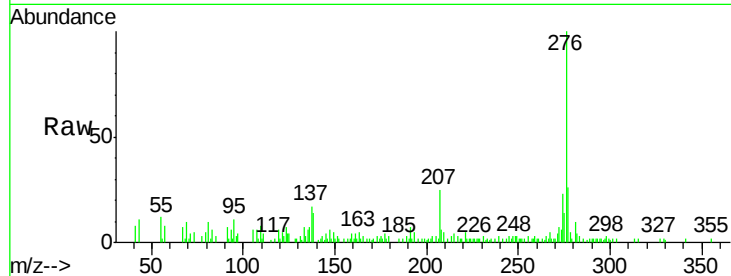
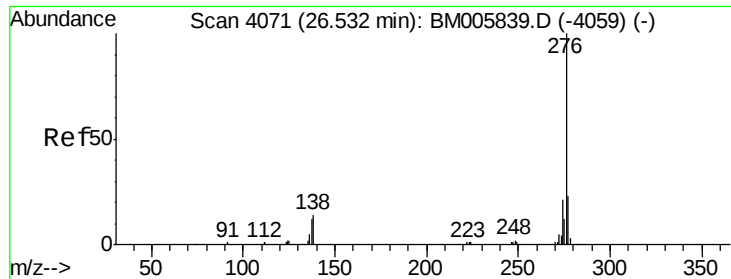
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#40
Dibenzo(a,h)anthracene
Concen: 1.71 ng/u1
RT: 25.83 min Scan# 3952
Delta R.T. -0.01 min
Lab File: BM005848.D
Acq: 17 Jun 2016 03:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	8.2	12.4#
279	32.9	18.6	27.8#





#41

Benzo(g,h,i)perylene

Concen: 5.99 ng/ul

RT: 26.55 min Scan# 4074

Delta R.T. 0.02 min

Lab File: BM005848.D

Acq: 17 Jun 2016 03:26

Tgt Ion:	276	Resp:	66102
Ion Ratio	Lower	Upper	
276	100		
138	14.3	10.6	15.8
277	25.7	19.6	29.4

Instrument :

BNA_M

ClientSampleId :

D9Y11

Manual Integrations
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