

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
 Data File : BM005850.D
 Acq On : 17 Jun 2016 04:38
 Operator : UM/SJ
 Sample : H3535-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y09

Manual Integrations
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Quant Time: Jun 17 05:27:40 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	27227	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	127926	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	80967	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	190979	20.00	ng/ul	0.00
29) Chrysene-d12	21.30	240	222541	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	187211	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	323	1.54	ng/uL	0.00
3) Phenol-d5	6.92	99	32420	14.22	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	18784	15.90	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	31253	16.11	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	22169	10.88	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	15891	17.60	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	18259	16.55	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	34670	15.91	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	12775	8.66	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	123172	16.08	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	154770	17.54	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	4124m	4.47	ng/ul	0.03
21) Fluorene-d10	15.37	176	111572	17.09	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	6170	4.79	ng/ul	0.00
26) Anthracene-d10	17.22	188	172310	17.28	ng/ul	0.00
30) Pyrene-d10	19.52	212	203429	19.29	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.41	264	163825	17.50	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.16	178	32714	2.88	ng/ul	98
28) Fluoranthene	19.18	202	87327	6.11	ng/ul	99
31) Pyrene	19.54	202	80078	6.09	ng/ul	100
32) Benzo(a)anthracene	21.29	228	49528	3.56	ng/ul	97
33) Chrysene	21.34	228	52981	3.96	ng/ul	95
35) Benzo(b)fluoranthene	22.88	252	70399	6.04	ng/ul#	97
36) Benzo(k)fluoranthene	22.92	252	23804	2.12	ng/ul#	97
38) Benzo(a)pyrene	23.46	252	45241	3.95	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.84	276	33387m	2.39	ng/ul	
41) Benzo(g,h,i)perylene	26.54	276	29527	2.48	ng/ul	94

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

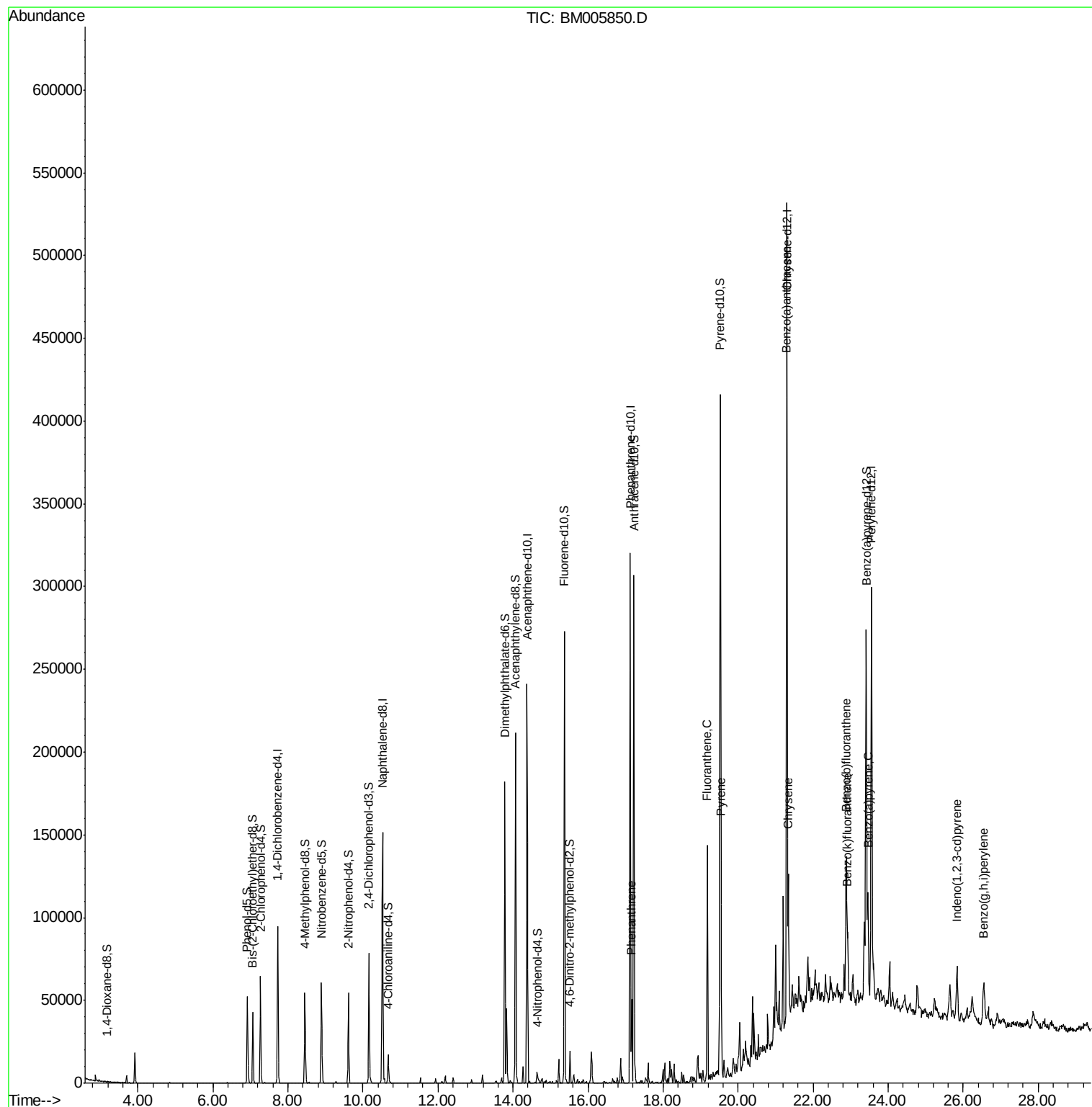
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
Data File : BM005850.D
Acq On : 17 Jun 2016 04:38
Operator : UM/SJ
Sample : H3535-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

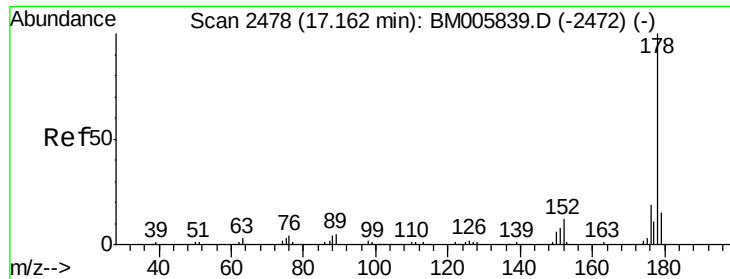
Instrument :
BNA_M
ClientSampleId :
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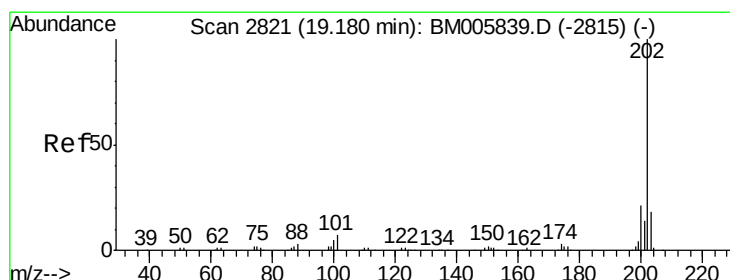
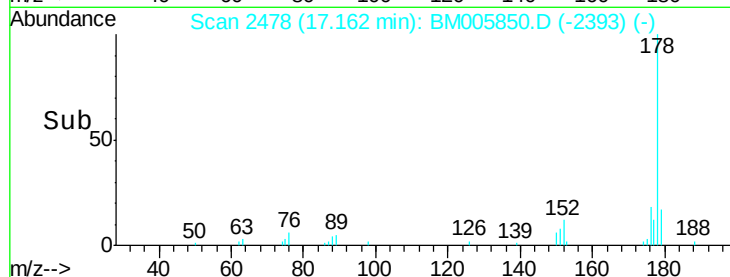
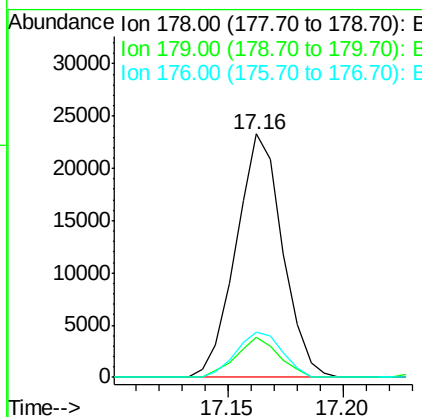
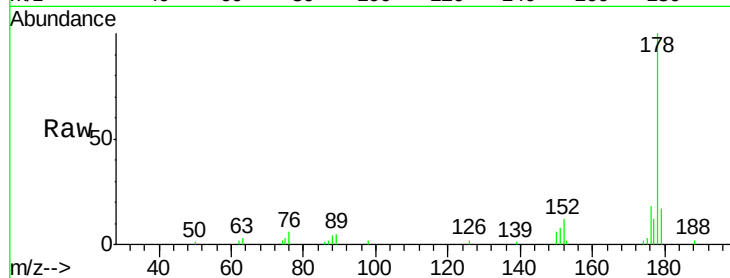
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 Phenanthrene
 Concen: 2.88 ng/ul
 RT: 17.16 min Scan# 2478
 Delta R.T. 0.00 min
 Lab File: BM005850.D
 Acq: 17 Jun 2016 04:38

Instrument :
 BNA_M
 ClientSampleId :
 D9Y09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.0	18.0
176	18.3	14.9	22.3

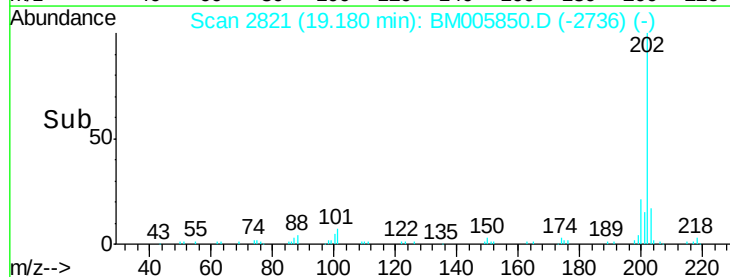
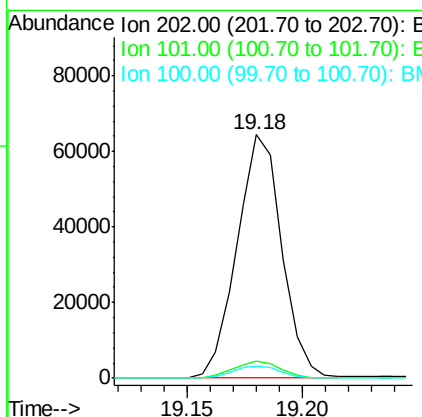
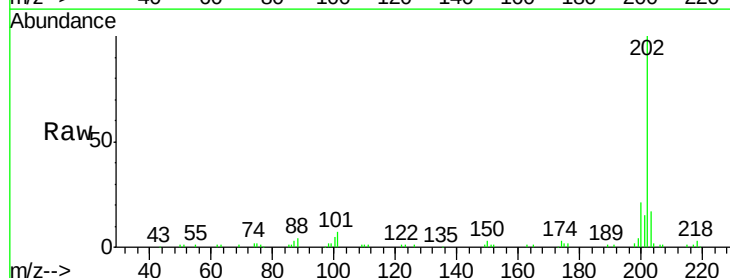
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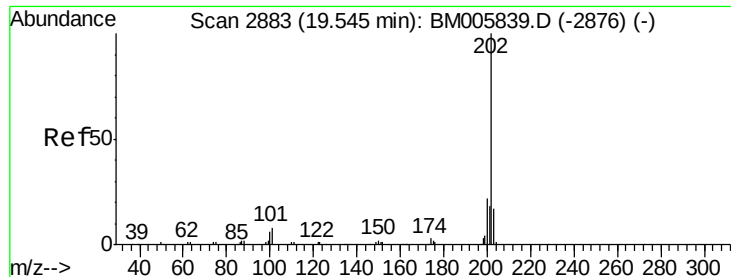
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#28
 Fluoranthene
 Concen: 6.11 ng/ul
 RT: 19.18 min Scan# 2821
 Delta R.T. 0.00 min
 Lab File: BM005850.D
 Acq: 17 Jun 2016 04:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.1	9.1
100	5.1	4.2	6.2





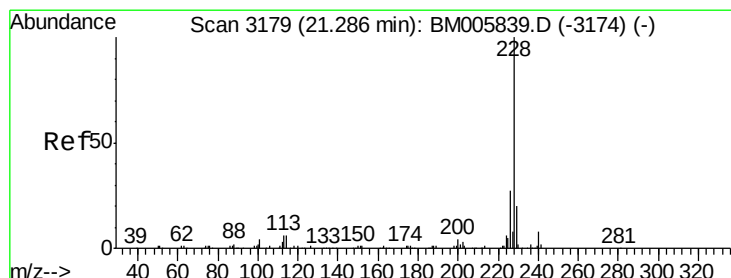
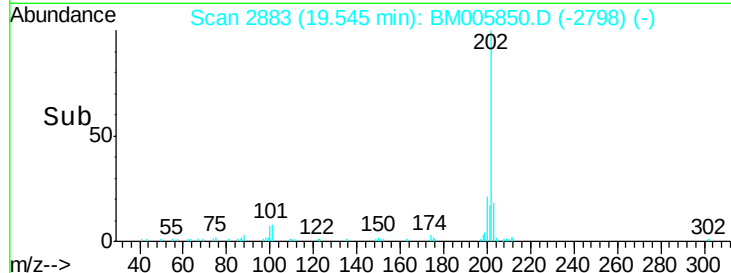
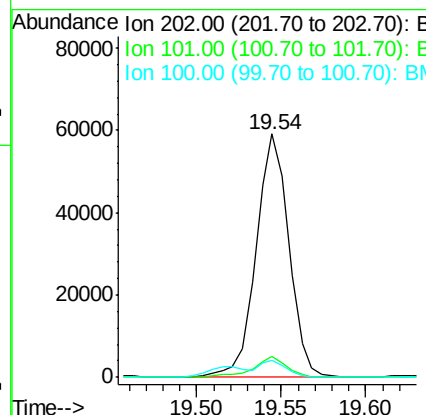
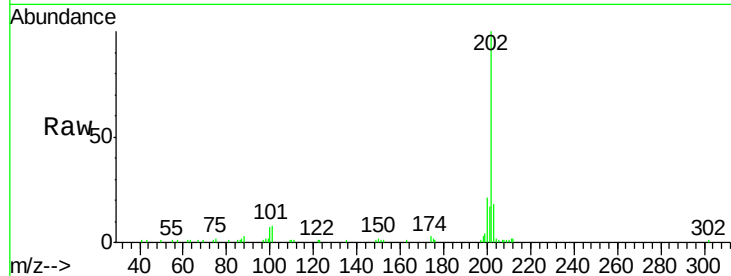
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Pyrene
Concen: 6.09 ng/ul
RT: 19.54 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BM005850.D
Acq: 17 Jun 2016 04:38

Instrument :
BNA_M
ClientSampleId :
D9Y09

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.3	6.5	9.7
100	6.9	5.4	8.2

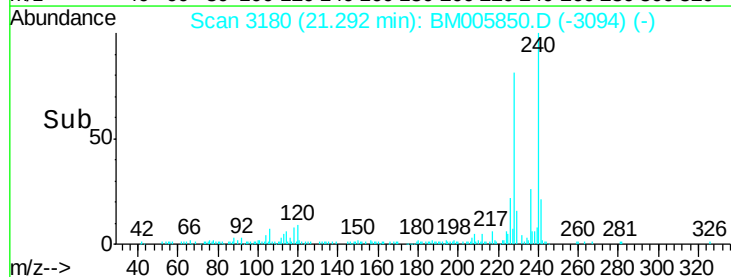
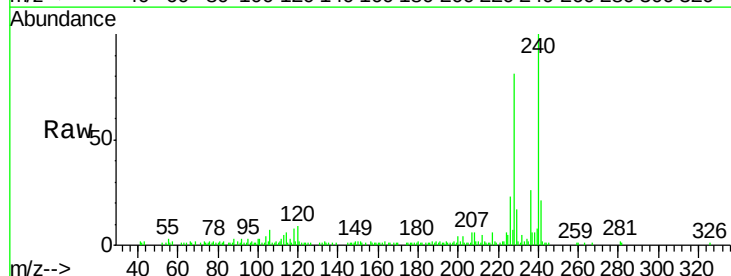
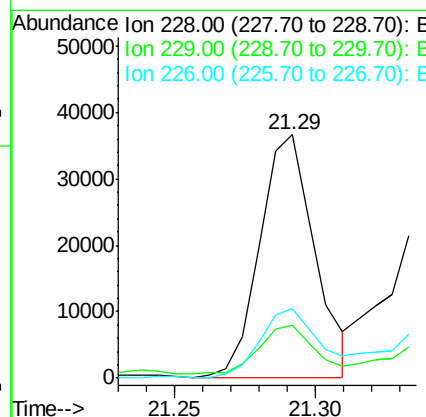
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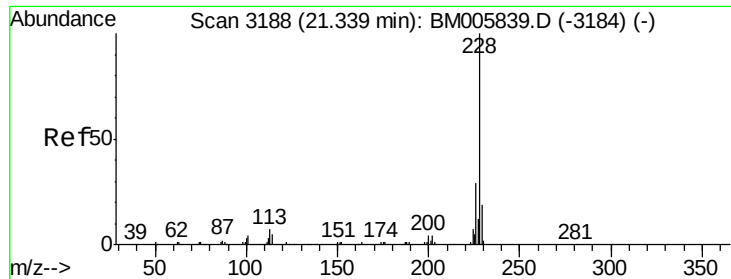
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#32
Benzo(a)anthracene
Concen: 3.56 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BM005850.D
Acq: 17 Jun 2016 04:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.5	15.8	23.6
226	28.7	21.8	32.6





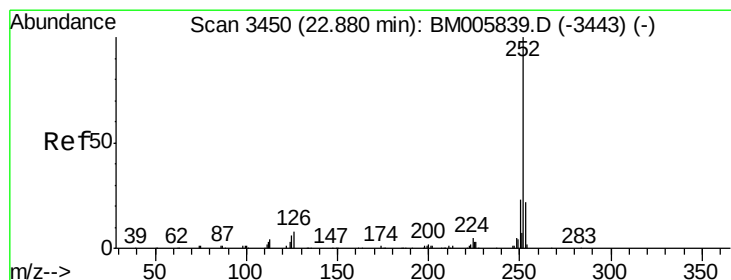
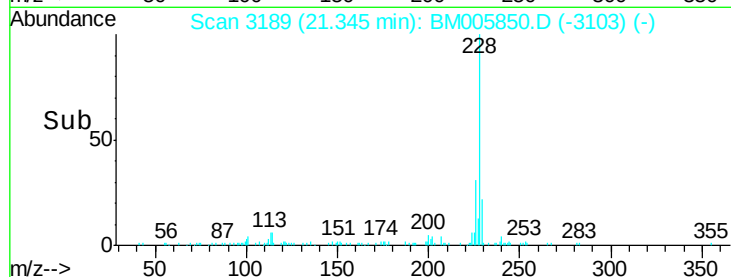
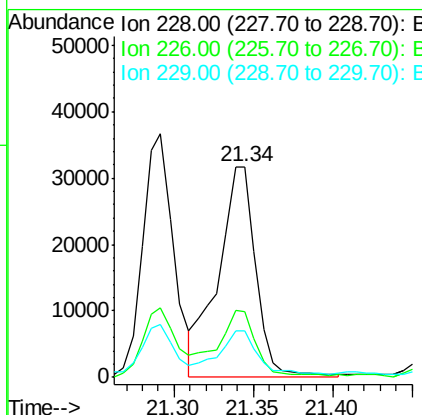
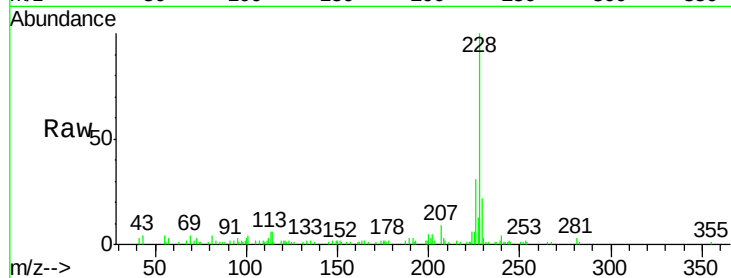
#33
Chrysene
 Concen: 3.96 ng/ul
 RT: 21.34 min Scan# 3189
 Delta R.T. 0.01 min
 Lab File: BM005850.D
 Acq: 17 Jun 2016 04:38

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	52981		
226	31.1		23.5	35.3
229	22.3		15.4	23.0

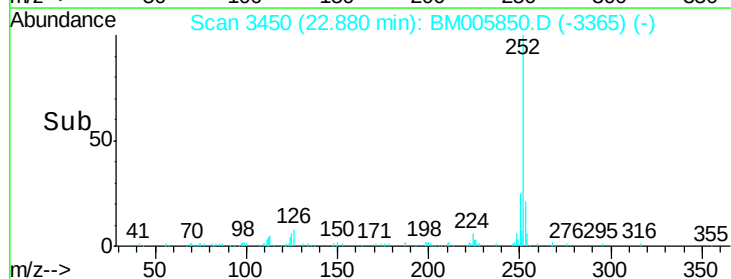
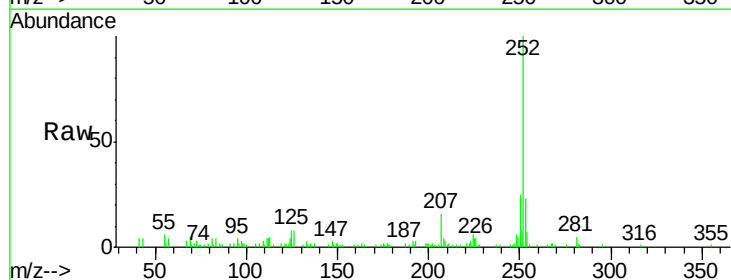
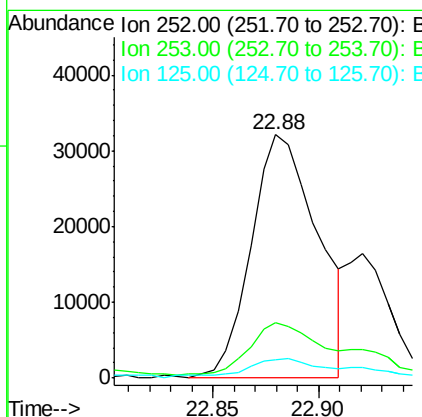
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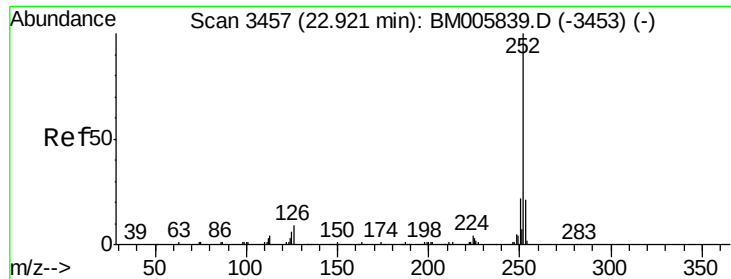
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#35
Benzo(b)fluoranthene
 Concen: 6.04 ng/ul
 RT: 22.88 min Scan# 3450
 Delta R.T. 0.00 min
 Lab File: BM005850.D
 Acq: 17 Jun 2016 04:38

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	70399		
253	22.9		17.1	25.7
125	7.5		4.9	7.3#





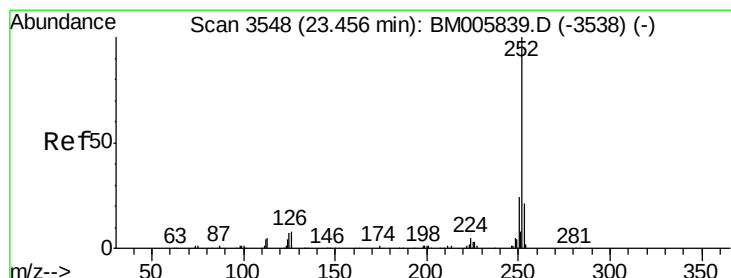
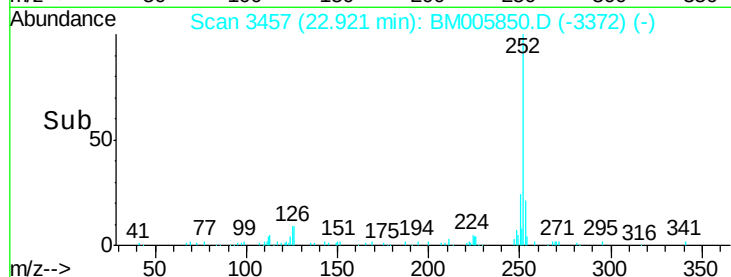
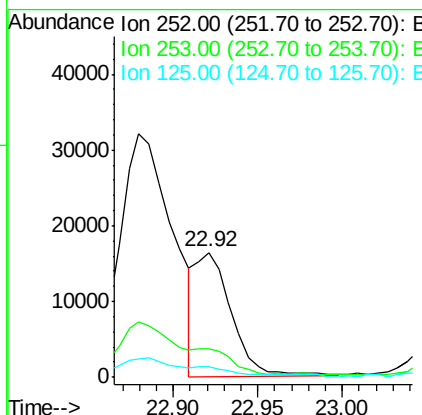
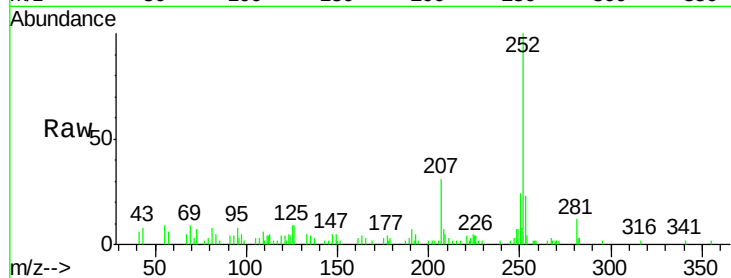
#36
Benzo(k)fluoranthene
Concen: 2.12 ng/ul
RT: 22.92 min Scan# 3457
Delta R.T. 0.00 min
Lab File: BM005850.D
Acq: 17 Jun 2016 04:38

Instrument :
BNA_M
ClientSampleId :
D9Y09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	8.7	4.8	7.2

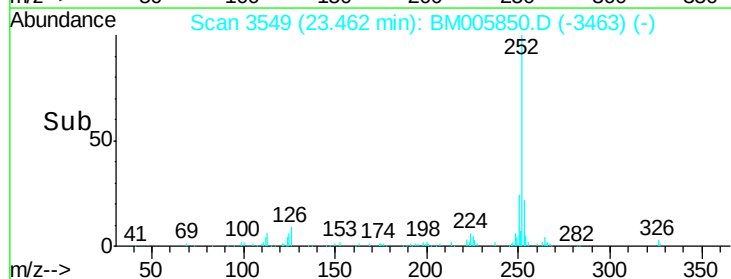
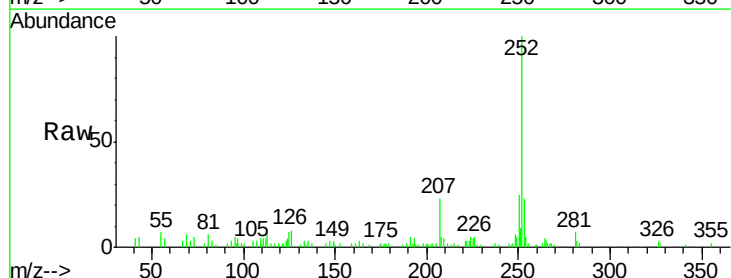
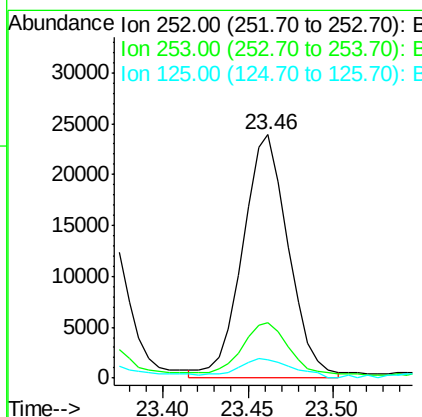
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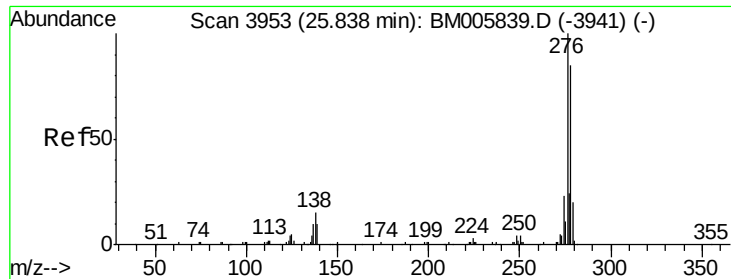
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#38
Benzo(a)pyrene
Concen: 3.95 ng/ul
RT: 23.46 min Scan# 3549
Delta R.T. 0.01 min
Lab File: BM005850.D
Acq: 17 Jun 2016 04:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	7.4	5.1	7.7





#39

Indeno(1,2,3-cd)pyrene

Concen: 2.39 ng/ul m

RT: 25.84 min Scan# 3954

Delta R.T. 0.01 min

Lab File: BM005850.D

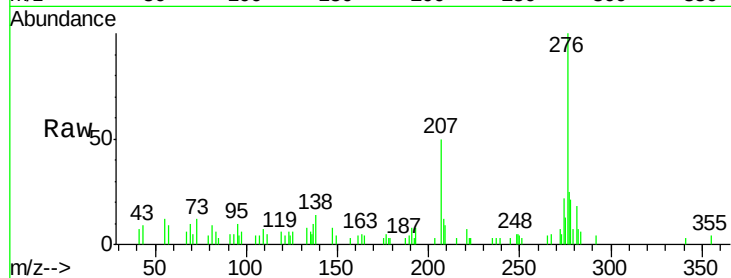
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BNA_M

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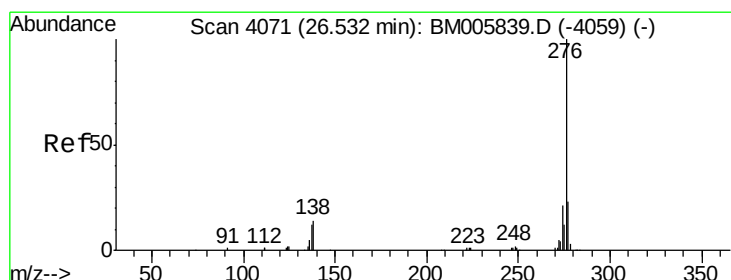
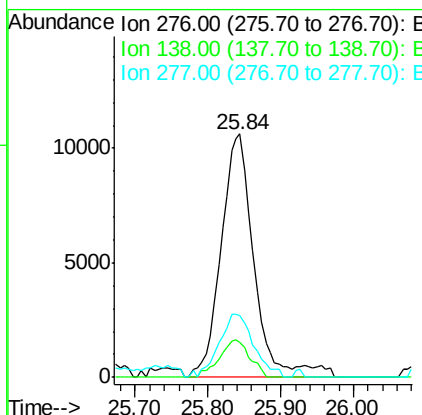
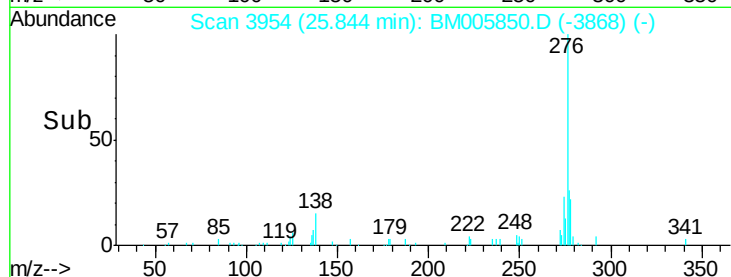
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Tgt Ion:	276	Resp:	33387
Ion Ratio	Lower	Upper	
276	100		
138	14.2	11.9	17.9
277	25.3	21.0	31.6

Manual Integrations
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#41

Benzo(g,h,i)perylene

Concen: 2.48 ng/ul

RT: 26.54 min Scan# 4073

Delta R.T. 0.01 min

Lab File: BM005850.D

Acq: 17 Jun 2016 04:38

Tgt Ion:	276	Resp:	29527
Ion Ratio	Lower	Upper	
276	100		
138	14.3	10.6	15.8
277	28.4	19.6	29.4

