

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
 Data File : BM005840.D
 Acq On : 16 Jun 2016 22:38
 Operator : UM/SJ
 Sample : H3535-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y06

Manual Integrations
 APPROVED

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Quant Time: Jun 17 02:03:39 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	17235	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	85365	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	60572	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	152656	20.00	ng/ul	0.00
29) Chrysene-d12	21.30	240	203813	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	227460	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	250	1.88	ng/uL	0.00
3) Phenol-d5	6.92	99	20955	14.52	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	13136	17.56	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	20121	16.38	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	11214	8.70	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	9936	16.49	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	12701	17.25	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	24426	16.80	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	11414m	11.60	ng/ul	0.01
16) Dimethylphthalate-d6	13.78	166	107438	18.75	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	126408	19.15	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	8342m	12.08	ng/ul	0.02
21) Fluorene-d10	15.37	176	94968	19.45	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	14231	13.81	ng/ul	0.00
26) Anthracene-d10	17.22	188	153958	19.31	ng/ul	0.00
30) Pyrene-d10	19.52	212	194464	20.13	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.41	264	223819	19.68	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.16	178	24780	2.73	ng/ul	99
28) Fluoranthene	19.18	202	57407	5.03	ng/ul	99
31) Pyrene	19.54	202	53855	4.47	ng/ul	99
32) Benzo(a)anthracene	21.29	228	36410	2.86	ng/ul	99
33) Chrysene	21.34	228	39003	3.18	ng/ul	95
35) Benzo(b)fluoranthene	22.89	252	63914	4.51	ng/ul#	96
36) Benzo(k)fluoranthene	22.92	252	22950m	1.68	ng/ul	
38) Benzo(a)pyrene	23.46	252	42276	3.04	ng/ul#	94
39) Indeno(1,2,3-cd)pyrene	25.84	276	33579m	1.98	ng/ul	
41) Benzo(g,h,i)perylene	26.54	276	29267	2.02	ng/ul	98

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

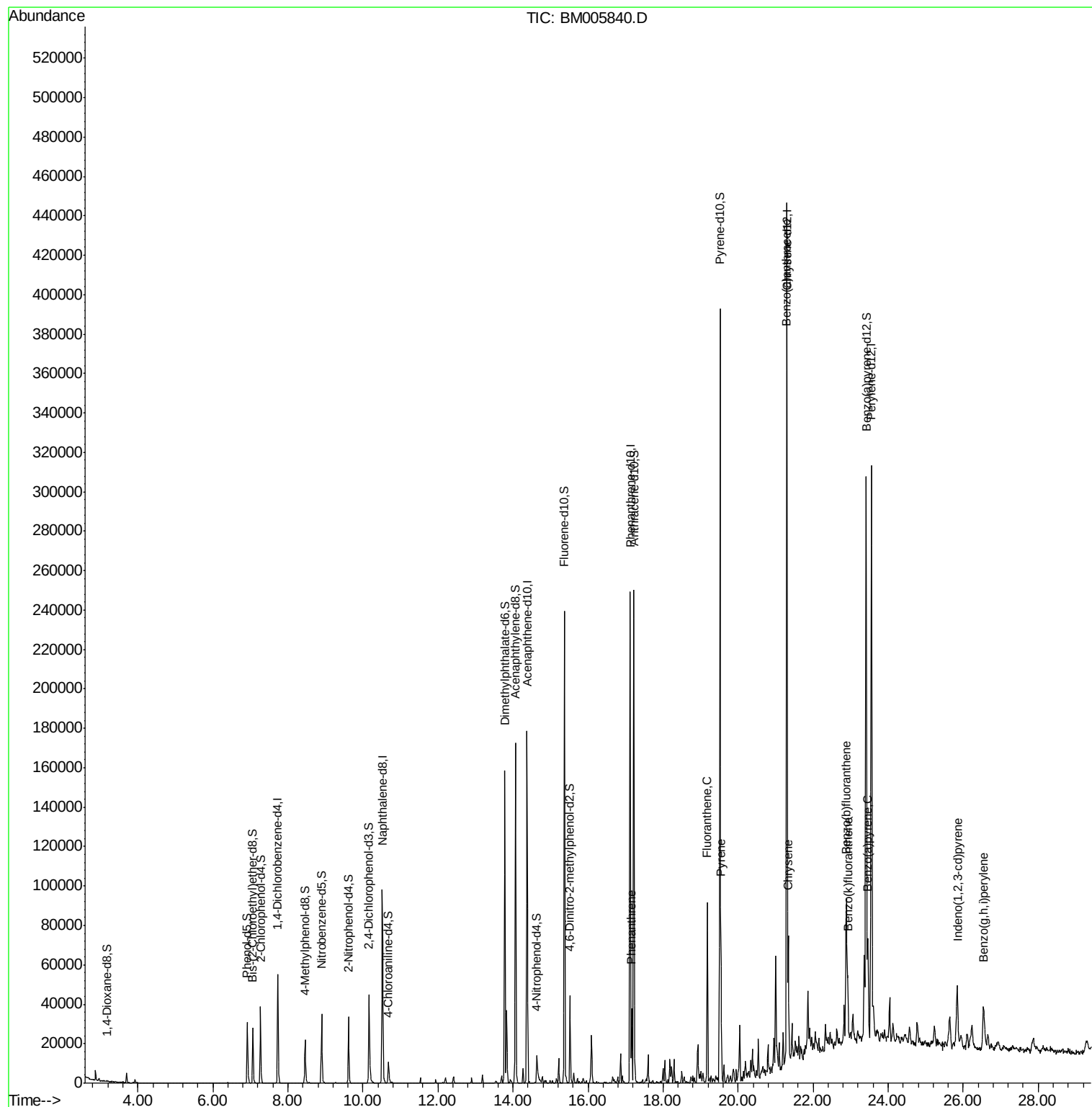
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
Data File : BM005840.D
Acq On : 16 Jun 2016 22:38
Operator : UM/SJ
Sample : H3535-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

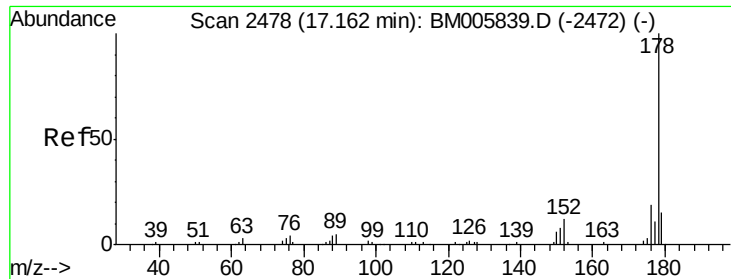
Instrument :
BNA_M
ClientSampleId :
D9Y06

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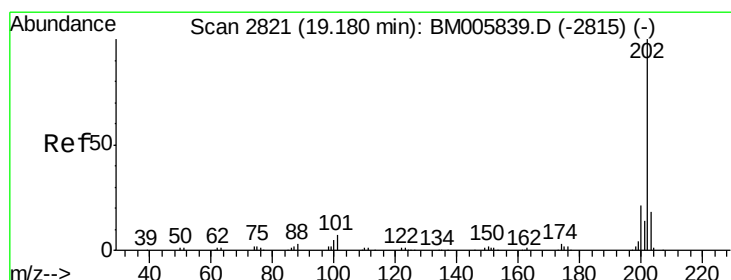
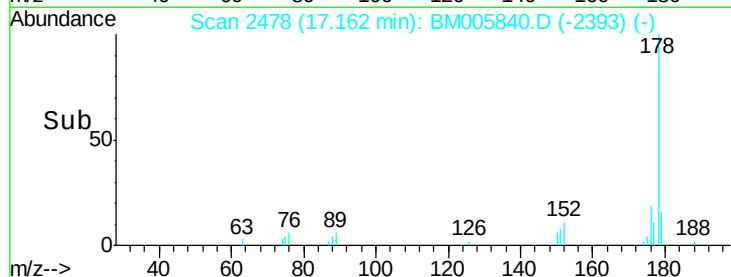
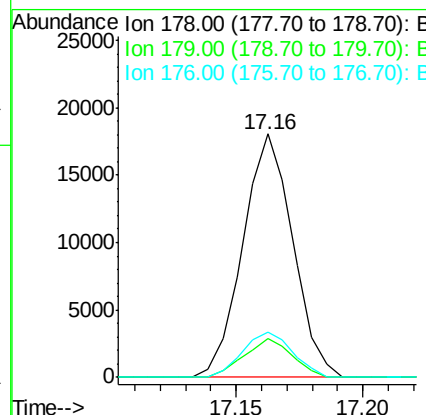
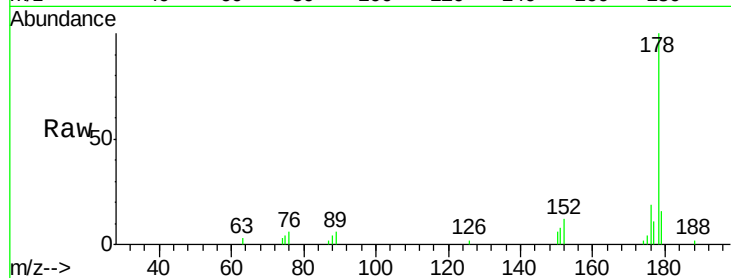
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 Phenanthrene
 Concen: 2.73 ng/ul
 RT: 17.16 min Scan# 2478
 Delta R.T. -0.00 min
 Lab File: BM005840.D
 Acq: 16 Jun 2016 22:38

Instrument :
 BNA_M
 ClientSampleId :
 D9Y06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.0	18.0
176	18.7	14.9	22.3

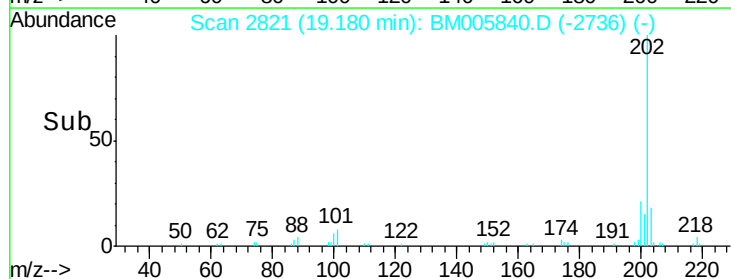
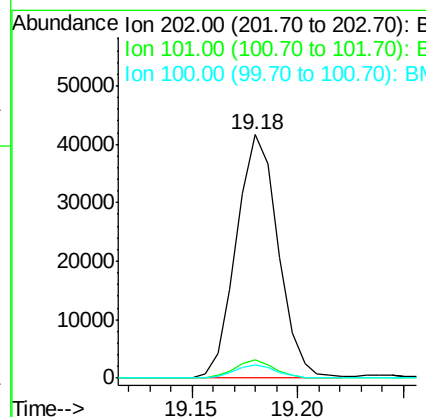
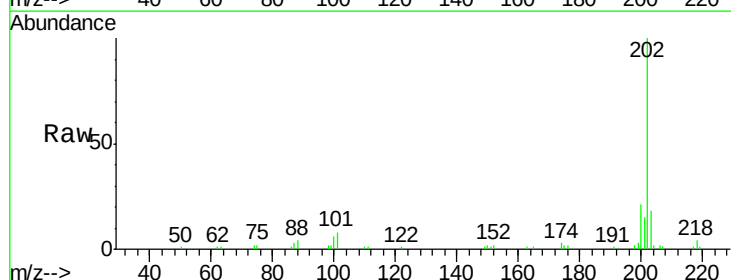
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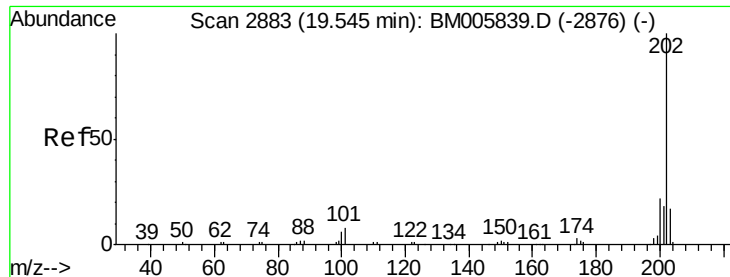
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#28
 Fluoranthene
 Concen: 5.03 ng/ul
 RT: 19.18 min Scan# 2821
 Delta R.T. -0.00 min
 Lab File: BM005840.D
 Acq: 16 Jun 2016 22:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.1	9.1
100	5.6	4.2	6.2





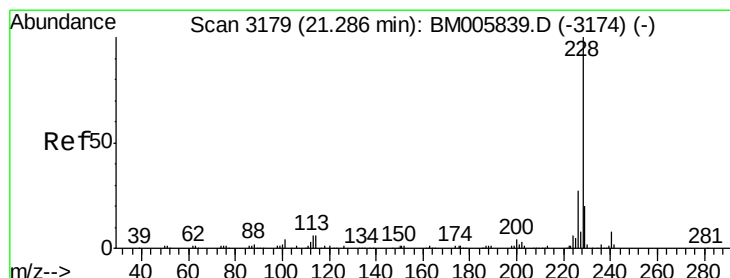
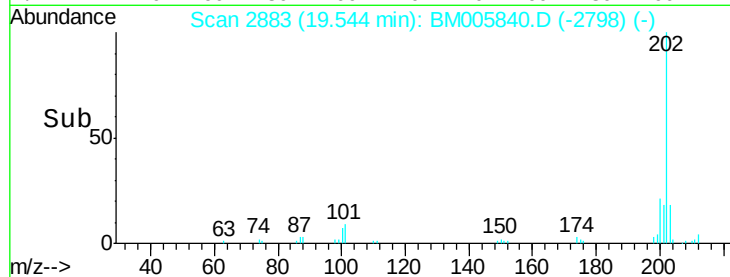
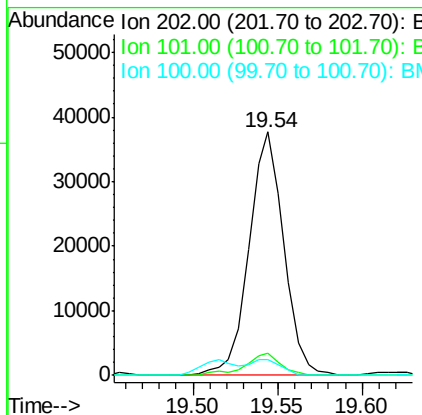
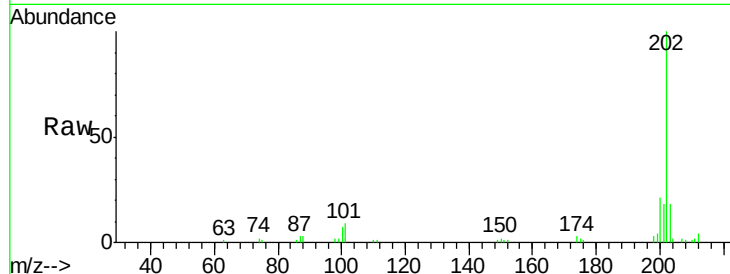
#31
 Pyrene
 Concen: 4.47 ng/ul
 RT: 19.54 min Scan# 2883
 Delta R.T. -0.00 min
 Lab File: BM005840.D
 Acq: 16 Jun 2016 22:38

Instrument :
 BNA_M
 ClientSampleId :
 D9Y06

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.0	6.5	9.7
100	6.7	5.4	8.2

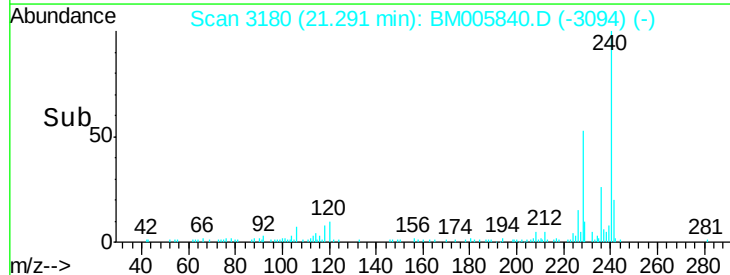
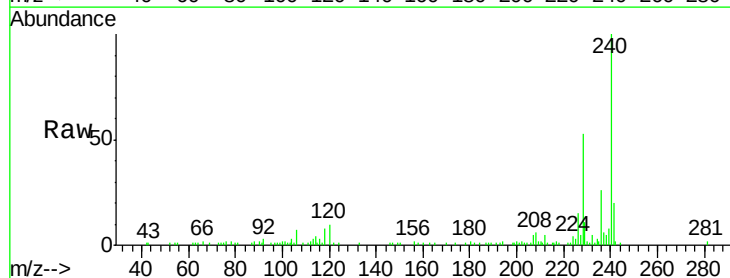
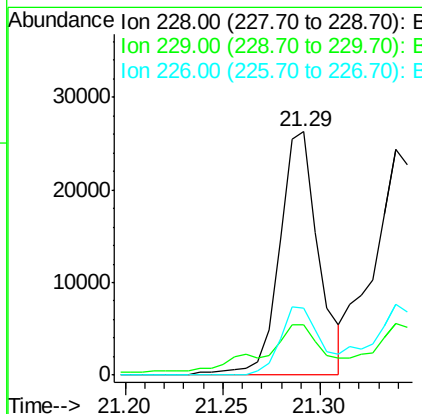
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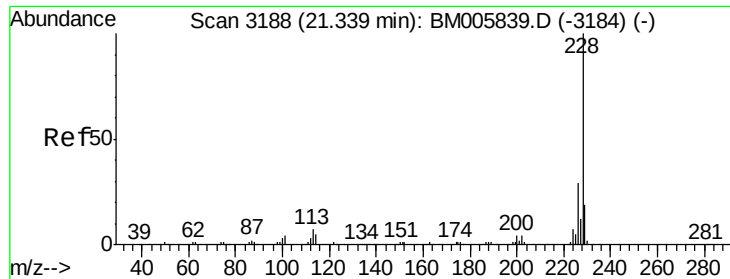
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#32
 Benzo(a)anthracene
 Concen: 2.86 ng/ul
 RT: 21.29 min Scan# 3180
 Delta R.T. 0.01 min
 Lab File: BM005840.D
 Acq: 16 Jun 2016 22:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.8	15.8	23.6
226	27.6	21.8	32.6





#33

Chrysene

Concen: 3.18 ng/ul

RT: 21.34 min Scan# 3188

Delta R.T. -0.00 min

Lab File: BM005840.D

Acq: 16 Jun 2016 22:38

Instrument :

BNA_M

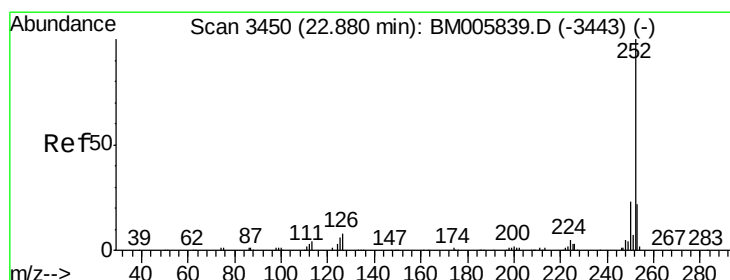
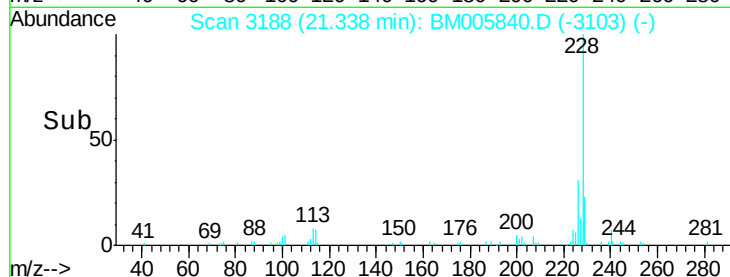
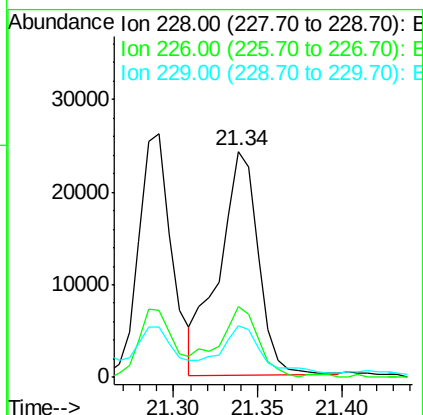
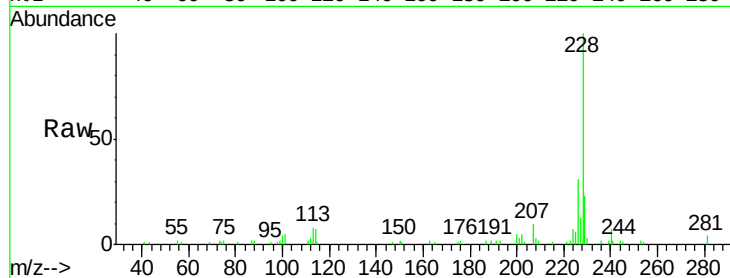
ClientSampleId :

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Tgt Ion:	228	Resp:	39003
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.5	35.3
229	22.8	15.4	23.0

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#35

Benzo(b)fluoranthene

Concen: 4.51 ng/ul

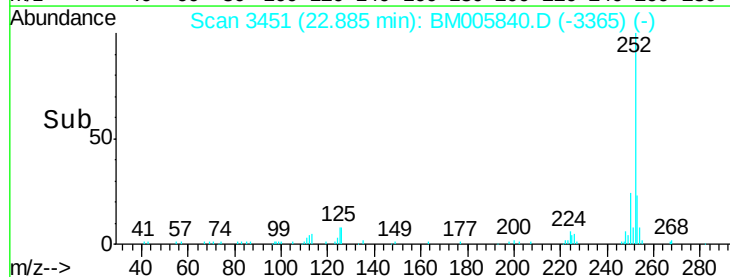
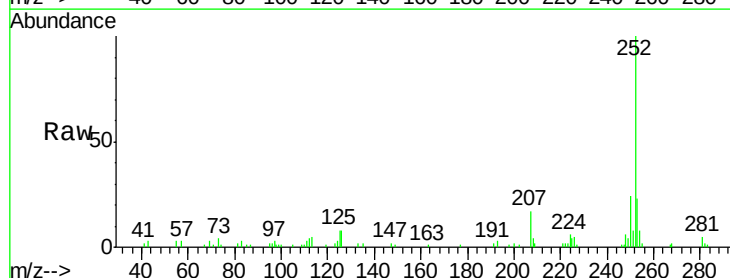
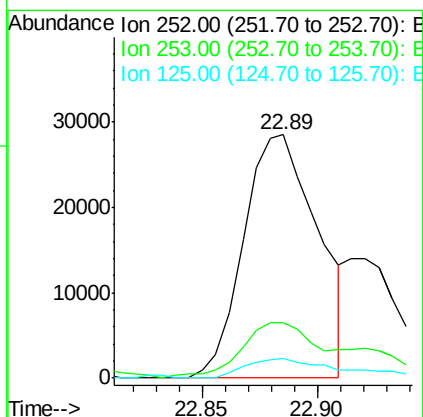
RT: 22.89 min Scan# 3451

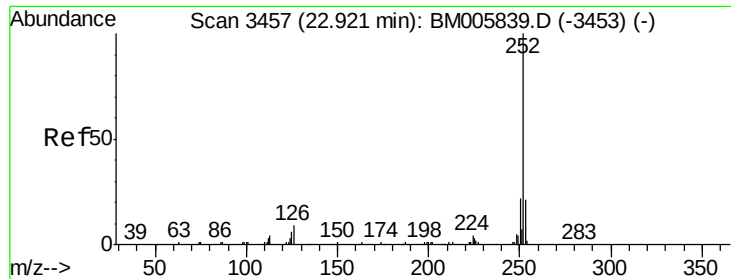
Delta R.T. 0.01 min

Lab File: BM005840.D

Acq: 16 Jun 2016 22:38

Tgt Ion:	252	Resp:	63914
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.1	25.7
125	8.2	4.9	7.3#





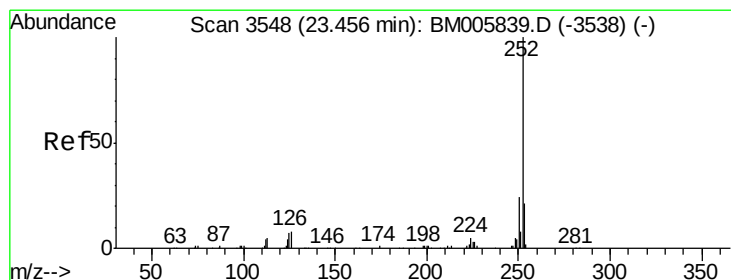
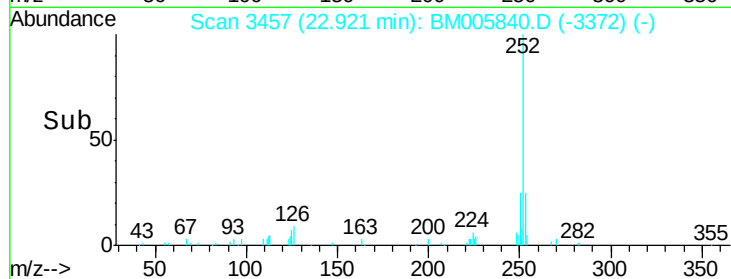
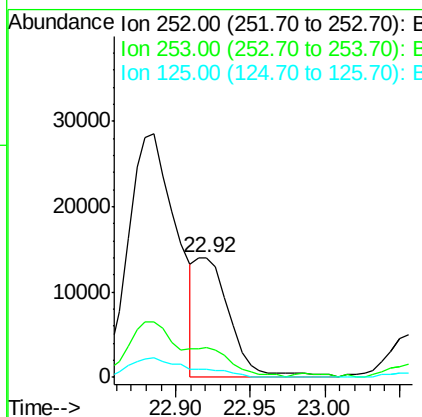
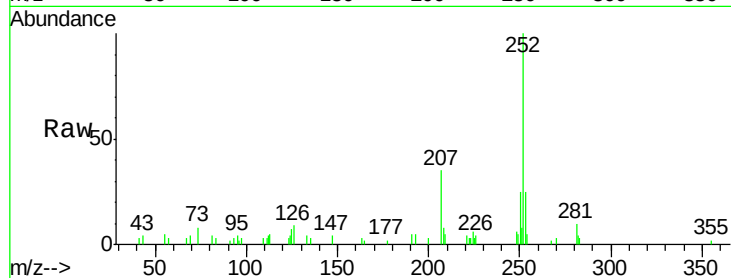
#36
Benzo(k)fluoranthene
Concen: 1.68 ng/ul m
RT: 22.92 min Scan# 3457
Delta R.T. -0.00 min
Lab File: BM005840.D
Acq: 16 Jun 2016 22:38

Instrument :
BNA_M
ClientSampled :
D9Y06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.5	26.3
125	7.2	4.8	7.2#

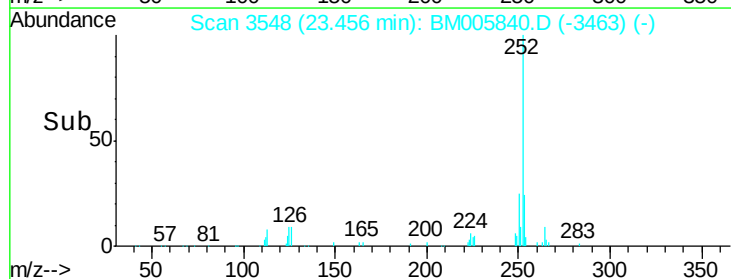
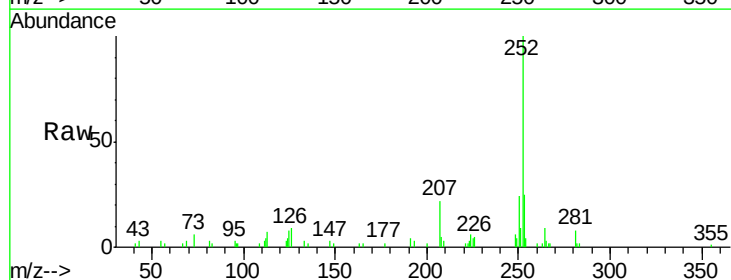
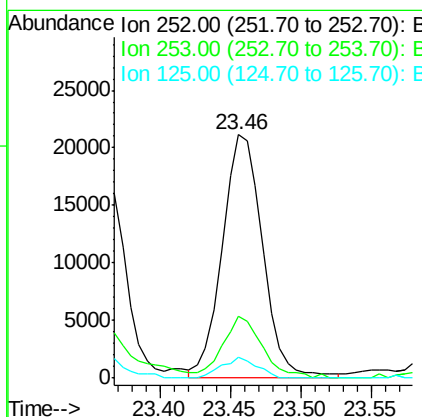
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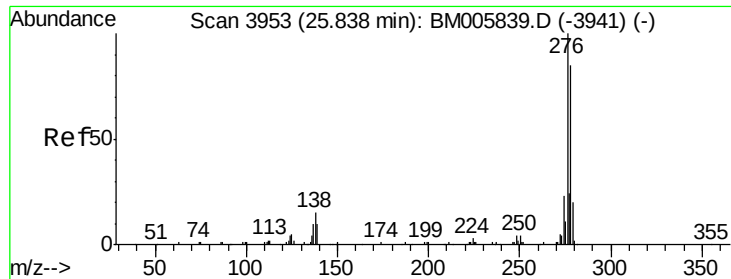
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#38
Benzo(a)pyrene
Concen: 3.04 ng/ul
RT: 23.46 min Scan# 3548
Delta R.T. -0.00 min
Lab File: BM005840.D
Acq: 16 Jun 2016 22:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.0	27.0
125	8.5	5.1	7.7#





#39

Indeno(1,2,3-cd)pyrene

Concen: 1.98 ng/ul m

RT: 25.84 min Scan# 3954

Delta R.T. 0.01 min

Lab File: BM005840.D

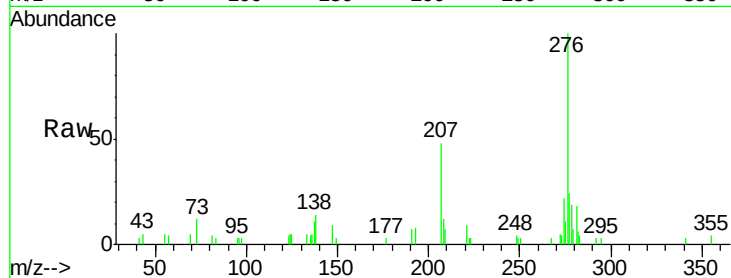
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BNA_M

ClientSampleId :

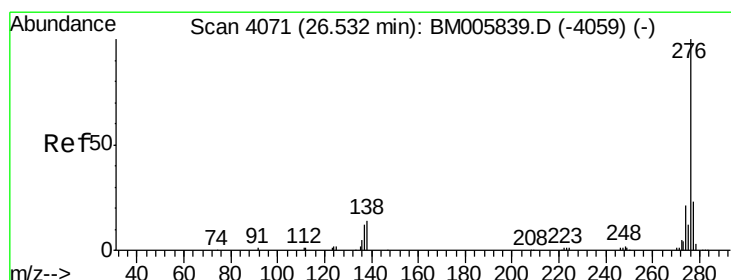
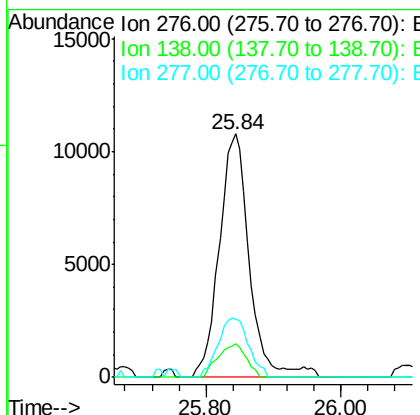
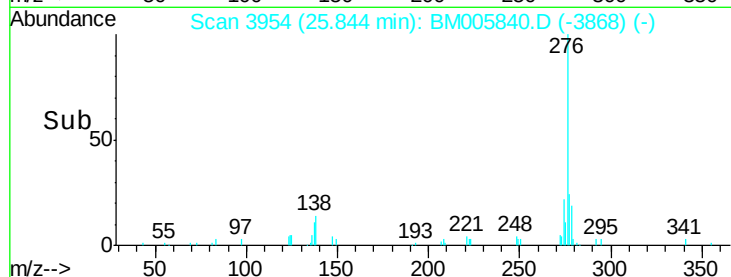
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.9	11.9	17.9
277	23.9	21.0	31.6

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#41

Benzo(g,h,i)perylene

Concen: 2.02 ng/ul

RT: 26.54 min Scan# 4073

Delta R.T. 0.01 min

Lab File: BM005840.D

Acq: 16 Jun 2016 22:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.8	10.6	15.8
277	23.0	19.6	29.4

