

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061816\
 Data File : BM005861.D
 Acq On : 17 Jun 2016 14:46
 Operator : UM/SJ
 Sample : H3537-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y36

Manual Integrations
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Quant Time: Jun 17 15:44:23 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 10:48:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	22168	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	105810	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	68809	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	167431	20.00	ng/ul	0.00
29) Chrysene-d12	21.30	240	193948	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	169196	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	117m	0.68	ng/uL	0.00
3) Phenol-d5	6.92	99	21319	11.49	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	12377	12.87	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	20849	13.47	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	14687	8.85	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	9953	13.33	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	11935	13.08	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	22292	12.37	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	11531	9.45	ng/ul	0.00
16) Dimethylphthalate-d6	13.78	166	82826	12.72	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	102717	13.70	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	4704	6.00	ng/ul	0.02
21) Fluorene-d10	15.37	176	74272	13.39	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	5265	4.66	ng/ul	0.00
26) Anthracene-d10	17.22	188	118205	13.52	ng/ul	0.00
30) Pyrene-d10	19.52	212	143088	15.56	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.41	264	113946	13.47	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.16	178	18950	1.90	ng/ul	99
28) Fluoranthene	19.18	202	48401	3.86	ng/ul	98
31) Pyrene	19.54	202	44258	3.86	ng/ul	98
32) Benzo(a)anthracene	21.29	228	25797	2.13	ng/ul#	93
33) Chrysene	21.34	228	28091	2.41	ng/ul#	95
35) Benzo(b)fluoranthene	22.89	252	35908	3.41	ng/ul#	93
38) Benzo(a)pyrene	23.46	252	23294	2.25	ng/ul#	94
39) Indeno(1,2,3-cd)pyrene	25.84	276	18611	1.47	ng/ul#	96
41) Benzo(g,h,i)perylene	26.54	276	20648	1.92	ng/ul	94

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

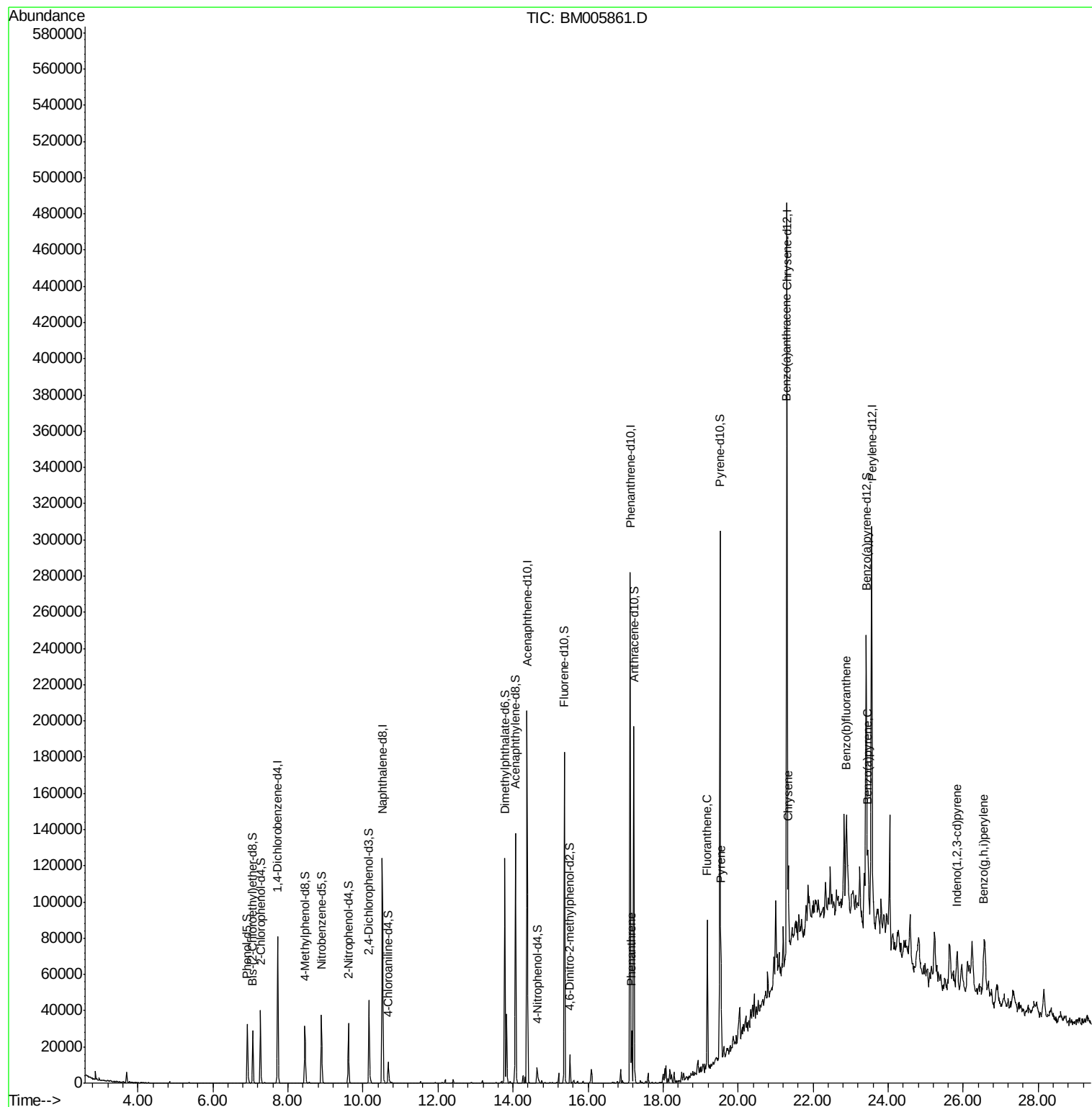
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061816\
Data File : BM005861.D
Acq On : 17 Jun 2016 14:46
Operator : UM/SJ
Sample : H3537-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

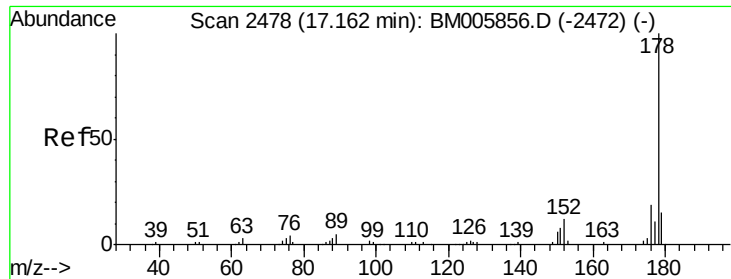
Instrument :
BNA_M
ClientSampleId :
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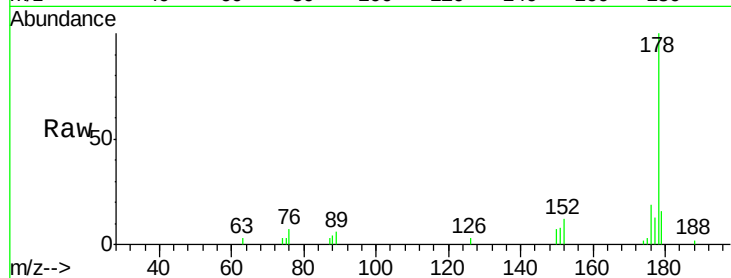
Quant Time: Jun 17 15:44:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 10:48:37 2016
Response via : Initial Calibration





#25
 Phenanthrene
 Concen: 1.90 ng/ul
 RT: 17.16 min Scan# 2478
 Delta R.T. -0.00 min
 Lab File: BM005861.D
 Acq: 17 Jun 2016 14:46

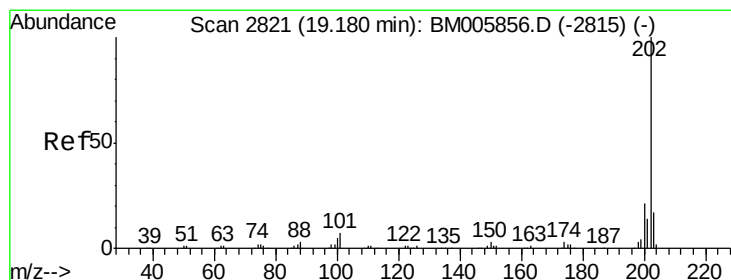
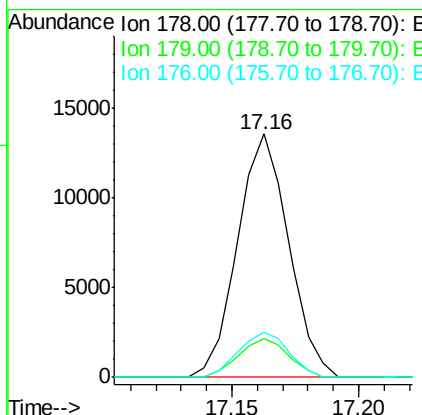
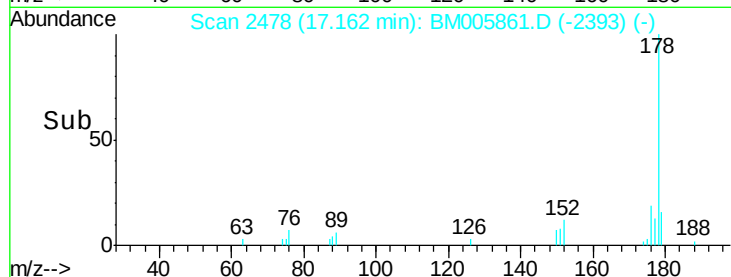
Instrument :
 BNA_M
 ClientSampleId :
 D9Y36



Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.0	18.0
176	18.7	14.9	22.3

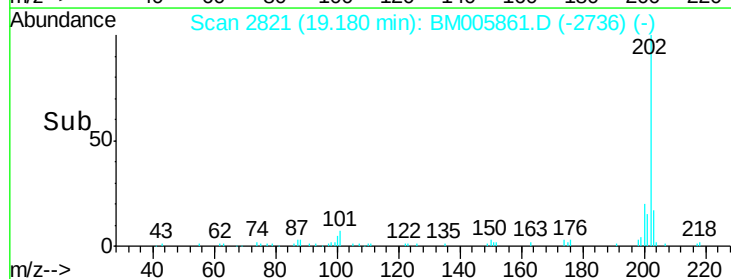
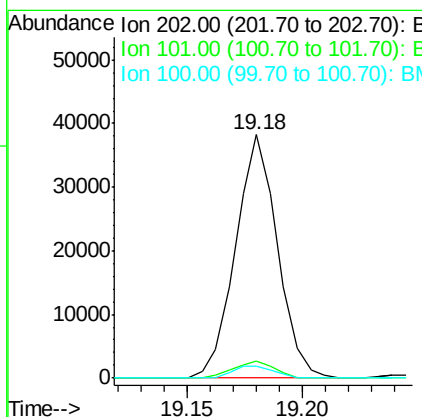
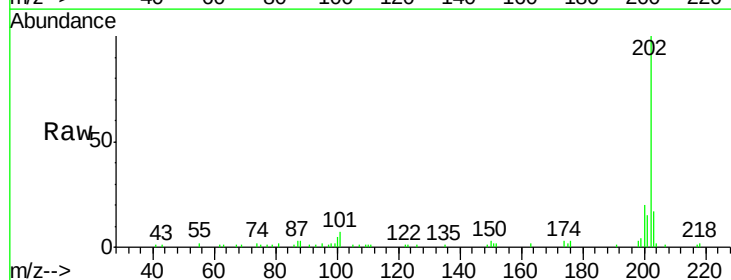
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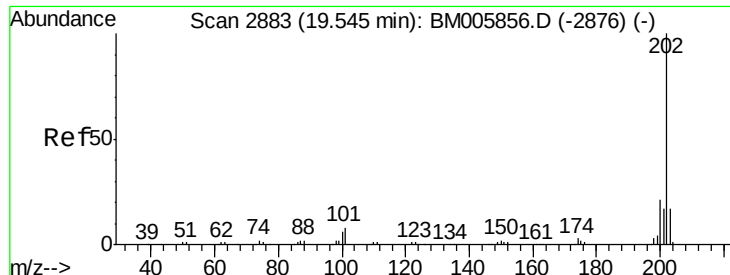
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#28
 Fluoranthene
 Concen: 3.86 ng/ul
 RT: 19.18 min Scan# 2821
 Delta R.T. -0.00 min
 Lab File: BM005861.D
 Acq: 17 Jun 2016 14:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	6.1	9.1
100	4.9	4.2	6.2





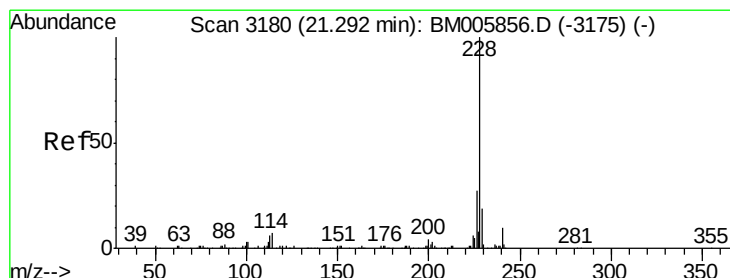
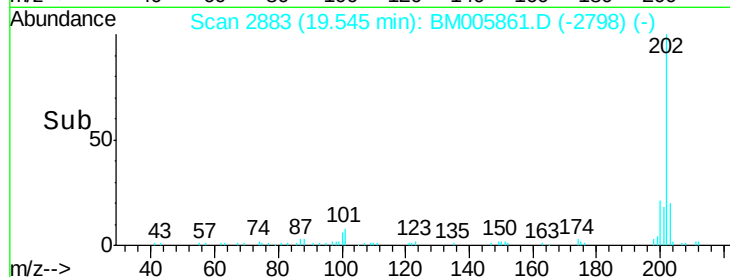
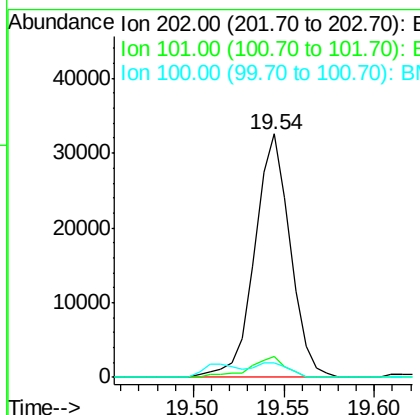
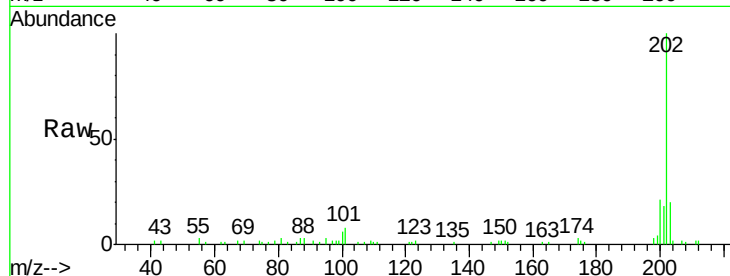
#31
 Pyrene
 Concen: 3.86 ng/ul
 RT: 19.54 min Scan# 2883
 Delta R.T. -0.00 min
 Lab File: BM005861.D
 Acq: 17 Jun 2016 14:46

Instrument :
 BNA_M
 ClientSampleId :
 D9Y36

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	44258		
101	8.5		6.5	9.7
100	5.7		5.4	8.2

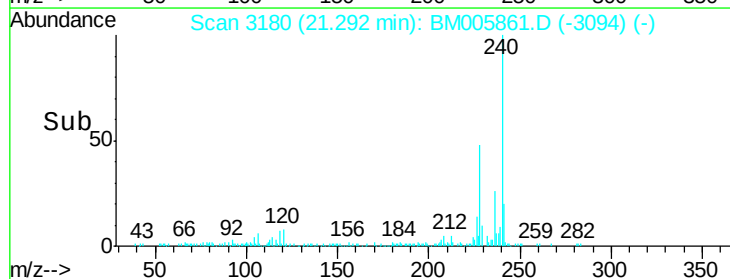
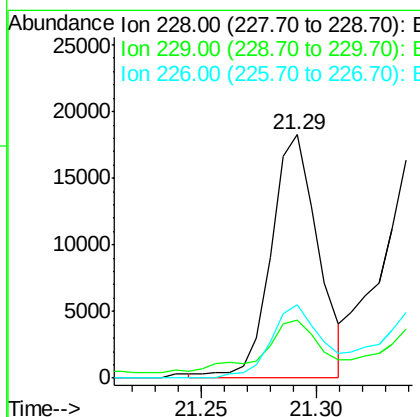
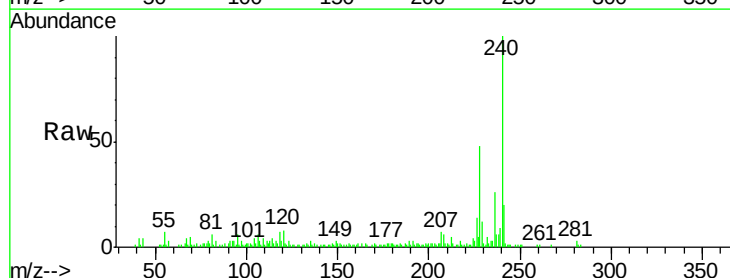
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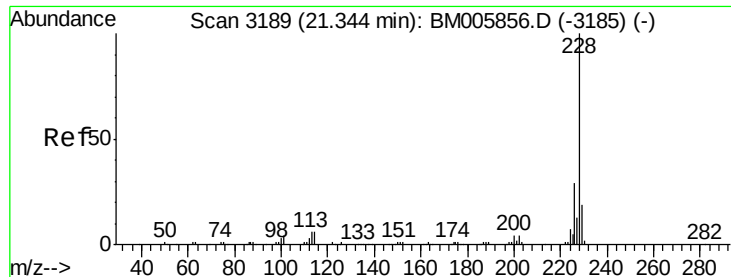
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#32
 Benzo(a)anthracene
 Concen: 2.13 ng/ul
 RT: 21.29 min Scan# 3180
 Delta R.T. 0.01 min
 Lab File: BM005861.D
 Acq: 17 Jun 2016 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	25797		
229	23.9		15.8	23.6#
226	30.1		21.8	32.6





#33

Chrysene

Concen: 2.41 ng/ul

RT: 21.34 min Scan# 3189

Delta R.T. 0.01 min

Lab File: BM005861.D

Acq: 17 Jun 2016 14:46

Instrument :

BNA_M

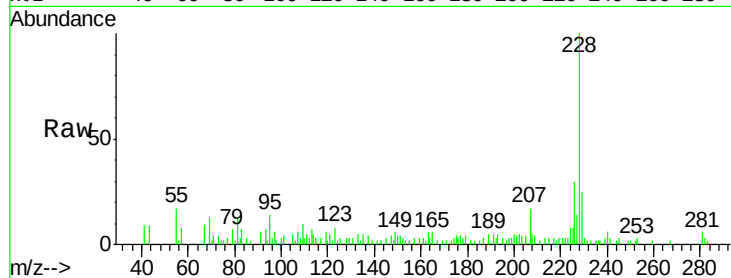
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D9Y36

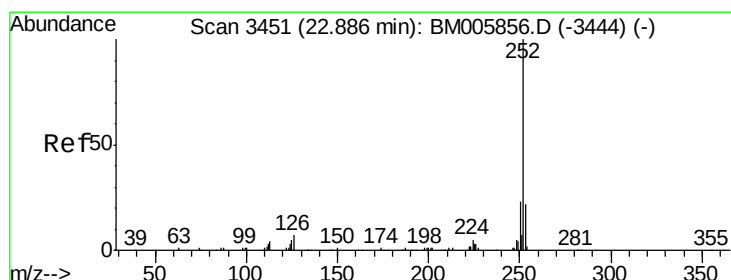
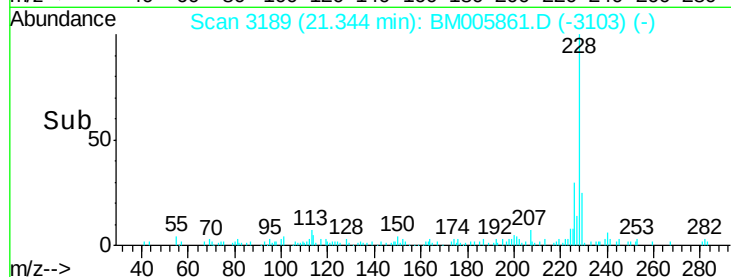
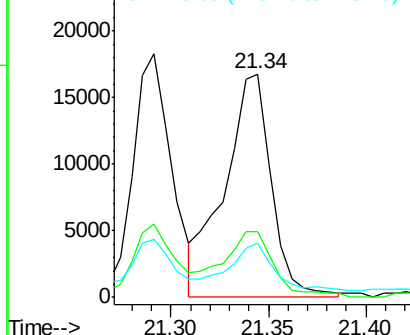
Tgt Ion:	228	Resp:	28091
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.5	35.3
229	24.5	15.4	23.0#

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#35

Benzo(b)fluoranthene

Concen: 3.41 ng/ul

RT: 22.89 min Scan# 3451

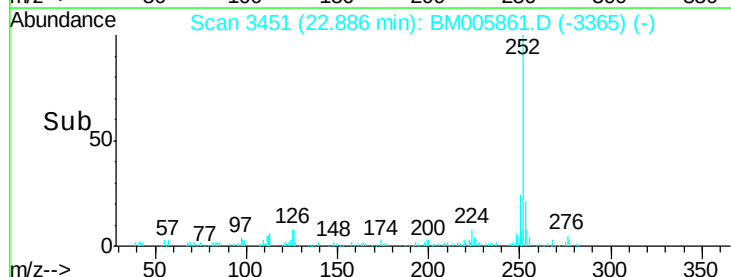
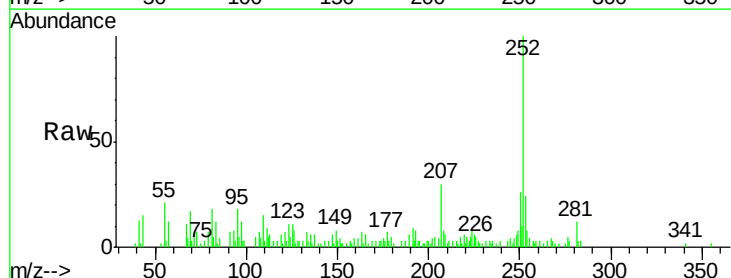
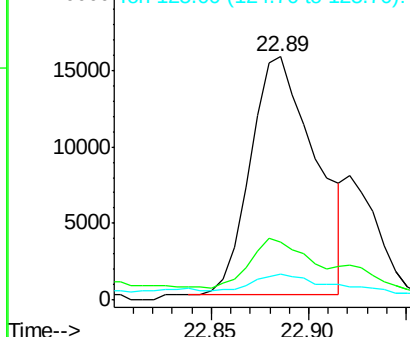
Delta R.T. 0.01 min

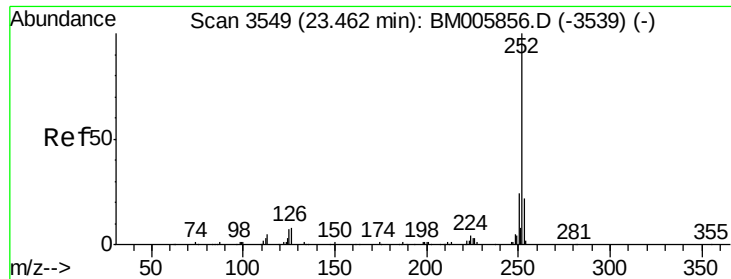
Lab File: BM005861.D

Acq: 17 Jun 2016 14:46

Tgt Ion:	252	Resp:	35908
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.1	25.7
125	10.8	4.9	7.3#

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





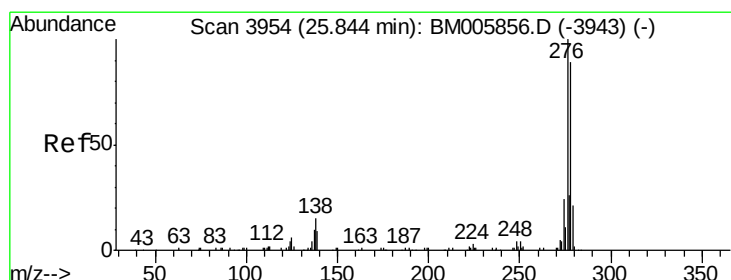
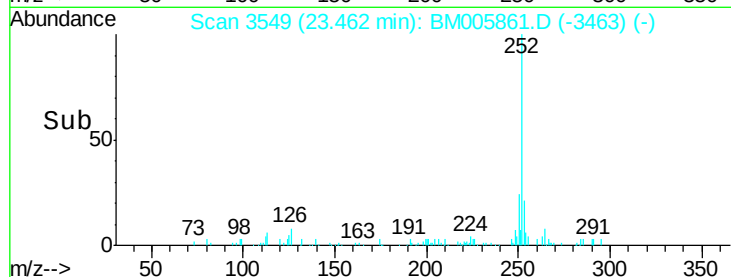
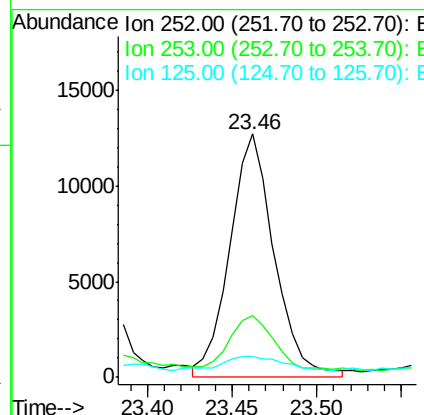
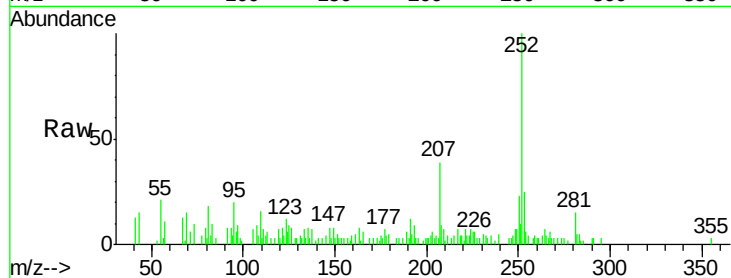
#38
Benzo(a)pyrene
Concen: 2.25 ng/ul
RT: 23.46 min Scan# 3549
Delta R.T. 0.01 min
Lab File: BM005861.D
Acq: 17 Jun 2016 14:46

Instrument :
BNA_M
ClientSampleId :
D9Y36

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.4	18.0	27.0
125	8.7	5.1	7.7

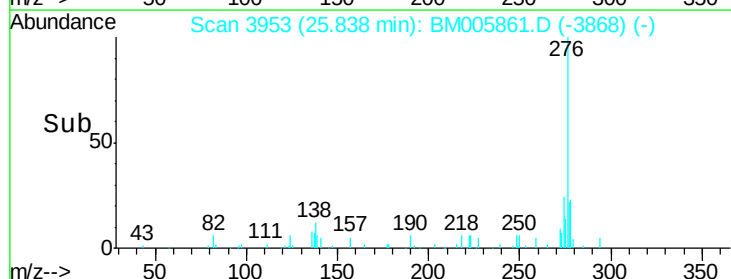
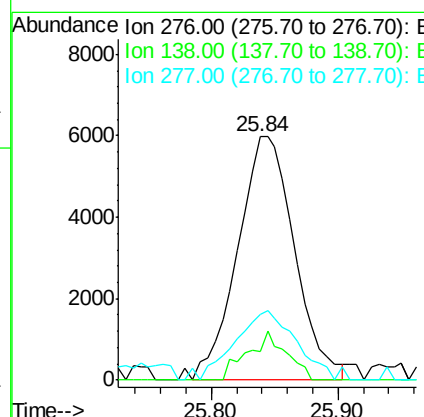
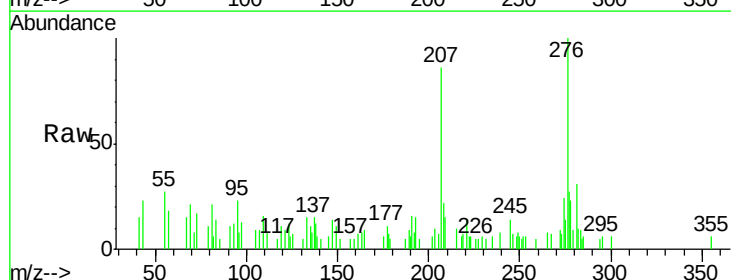
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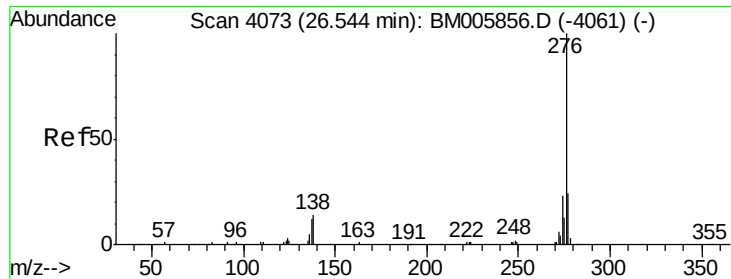
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#39
Indeno(1,2,3-cd)pyrene
Concen: 1.47 ng/ul
RT: 25.84 min Scan# 3953
Delta R.T. -0.00 min
Lab File: BM005861.D
Acq: 17 Jun 2016 14:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	11.5	11.9	17.9
277	26.9	21.0	31.6





#41
 Benzo(g,h,i)perylene
 Concen: 1.92 ng/ul
 RT: 26.54 min Scan# 4073
 Delta R.T. 0.01 min
 Lab File: BM005861.D
 Acq: 17 Jun 2016 14:46

Instrument :
 BNA_M
 ClientSampleId :
 D9Y36

Tgt Ion:	276	Resp:	20648
Ion Ratio	Lower	Upper	
276	100		
138	14.9	10.6	15.8
277	28.0	19.6	29.4

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