

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
 Data File : BM005841.D
 Acq On : 16 Jun 2016 23:14
 Operator : UM/SJ
 Sample : H3535-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XW6

Manual Integrations
 APPROVED

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Quant Time: Jun 17 02:06:25 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	23457	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	114231	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	76868	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	183273	20.00	ng/ul	0.00
29) Chrysene-d12	21.30	240	227348	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	228569	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	521	2.88	ng/uL	0.00
3) Phenol-d5	6.92	99	29726	15.14	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	17233	16.93	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	28305	16.93	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	19638	11.19	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	13632	16.91	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	17236	17.49	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	32836	16.87	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	11706m	8.89	ng/ul	0.00
16) Dimethylphthalate-d6	13.78	166	122711	16.87	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	148489	17.72	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	7634m	8.71	ng/ul	0.01
21) Fluorene-d10	15.37	176	108990	17.59	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	16163	13.07	ng/ul	0.00
26) Anthracene-d10	17.22	188	170981	17.87	ng/ul	0.00
30) Pyrene-d10	19.52	212	204898	19.01	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.41	264	204443	17.89	ng/ul	0.00

Target Compounds

						Qvalue
11) Naphthalene	10.57	128	6982	1.14	ng/ul	99
13) 2-Methylnaphthalene	12.19	142	7288	1.56	ng/ul	91
14) 1-Methylnaphthalene	12.41	142	6650	1.37	ng/ul#	94
25) Phenanthrene	17.16	178	20776	1.90	ng/ul	96
28) Fluoranthene	19.18	202	37623	2.74	ng/ul	98
31) Pyrene	19.54	202	36308	2.70	ng/ul	98
32) Benzo(a)anthracene	21.29	228	26566	1.87	ng/ul	97
33) Chrysene	21.34	228	31507m	2.30	ng/ul	
35) Benzo(b)fluoranthene	22.88	252	47481	3.34	ng/ul	98
38) Benzo(a)pyrene	23.46	252	24757	1.77	ng/ul#	98

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

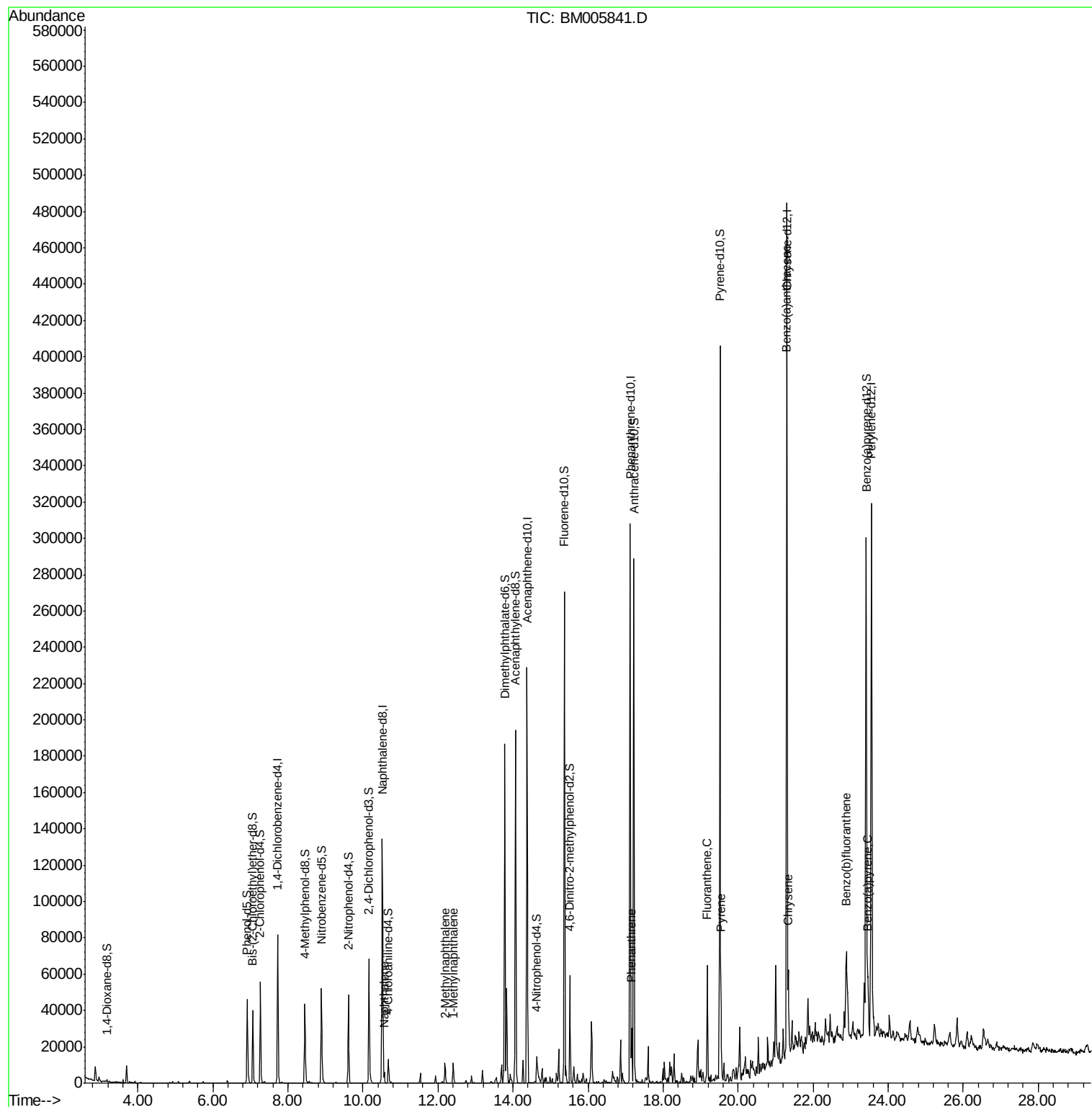
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
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ALS Vial : 12 Sample Multiplier: 1

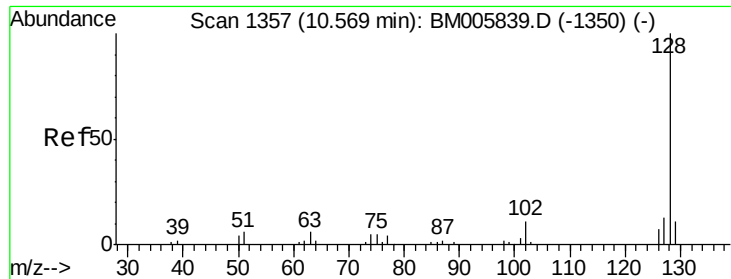
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





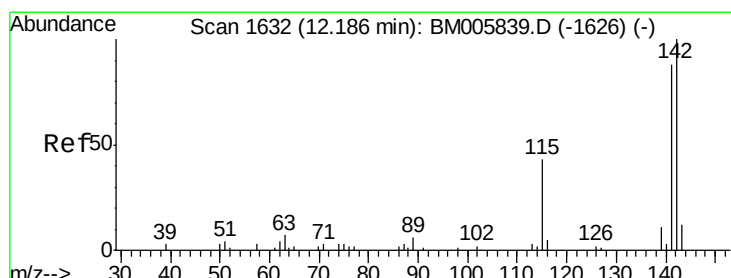
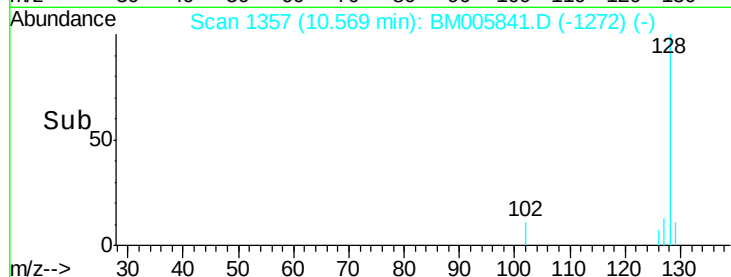
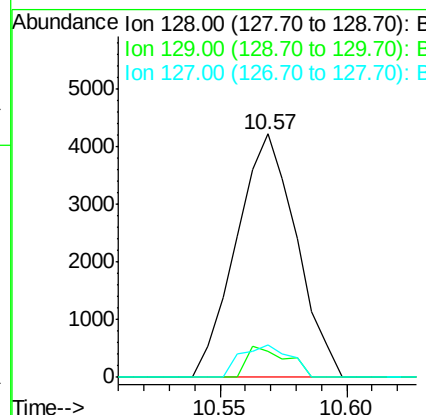
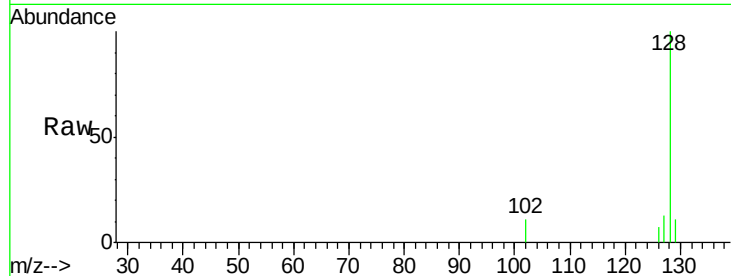
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Naphthalene
Concen: 1.14 ng/ul
RT: 10.57 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BM005841.D
Acq: 16 Jun 2016 23:14

Instrument :
BNA_M
ClientSampleId :
D9XW6

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	13.1	10.9	16.3

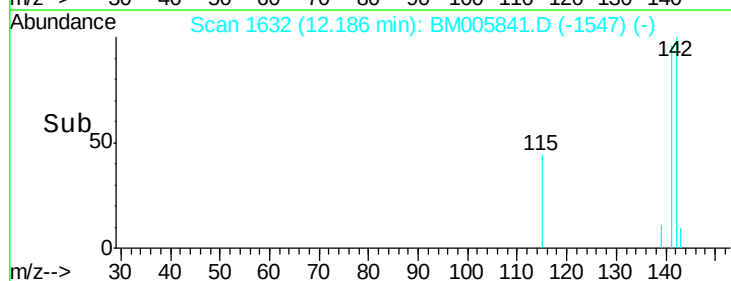
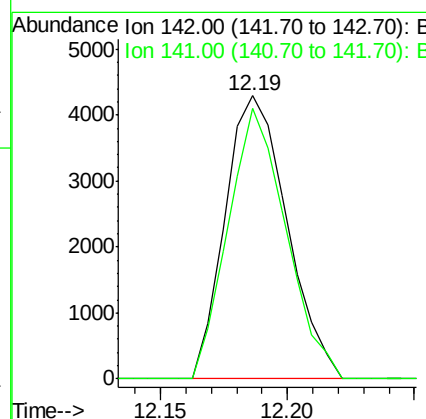
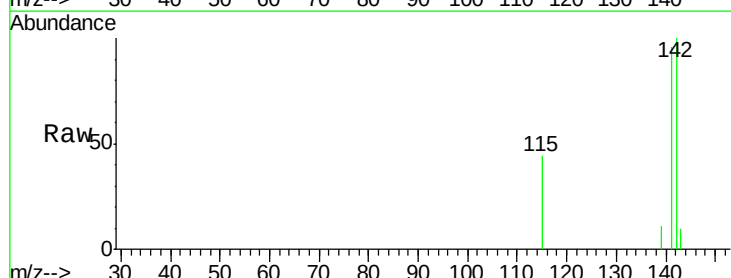
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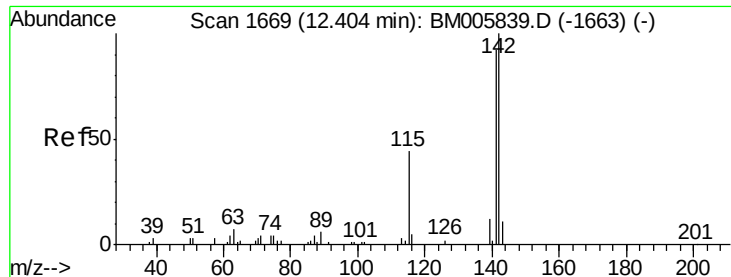
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#13
2-Methylnaphthalene
Concen: 1.56 ng/ul
RT: 12.19 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BM005841.D
Acq: 16 Jun 2016 23:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	70.2	105.2





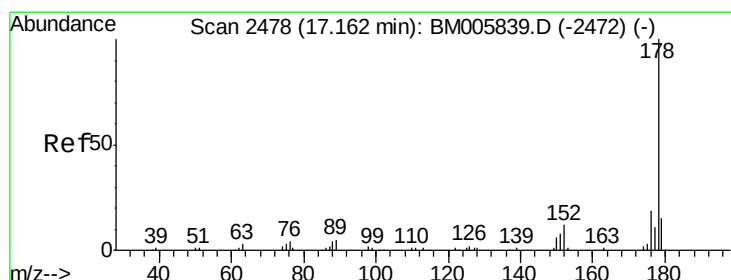
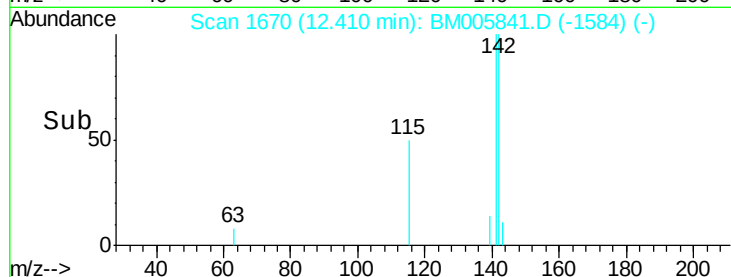
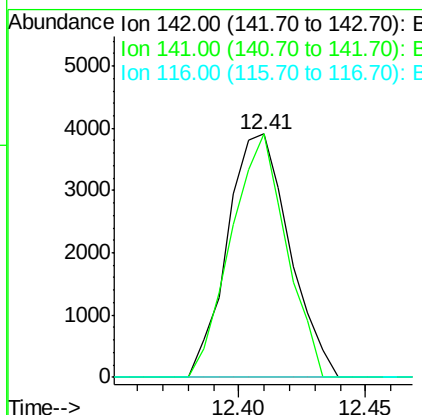
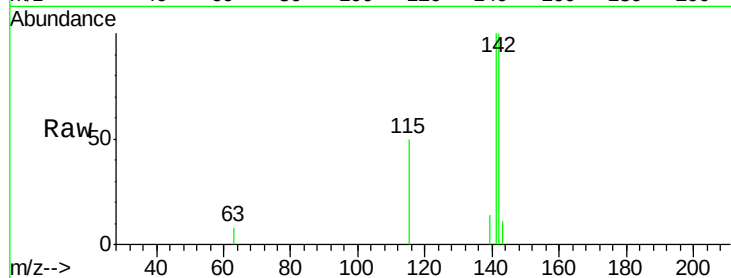
#14
1-Methylnaphthalene
Concen: 1.37 ng/ul
RT: 12.41 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BM005841.D
Acq: 16 Jun 2016 23:14

Instrument :
BNA_M
ClientSampled :
D9XW6

Tgt Ion	Ratio	Lower	Upper
142	100		
141	99.8	75.4	113.2
116	0.0	3.7	5.5#

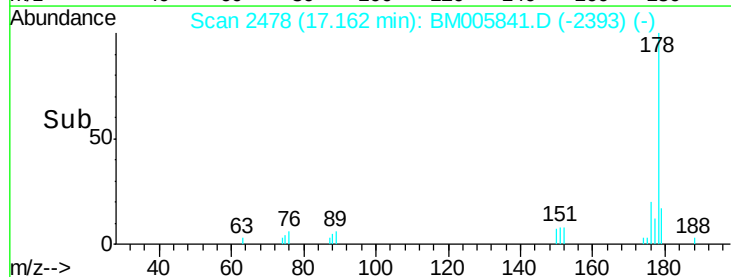
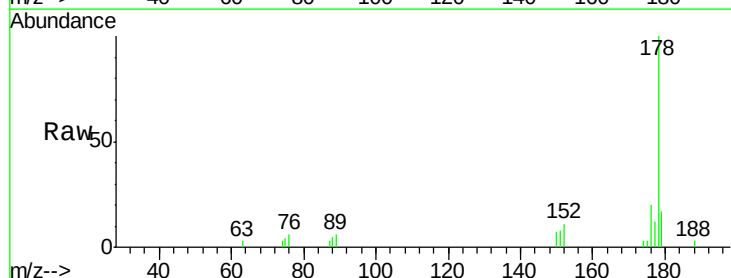
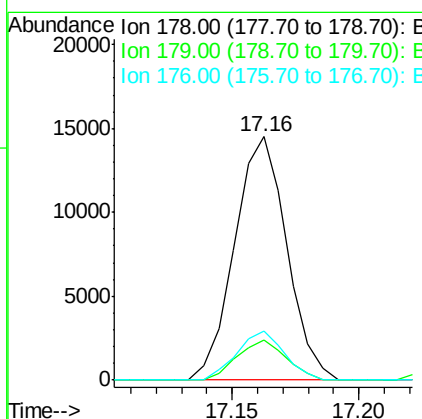
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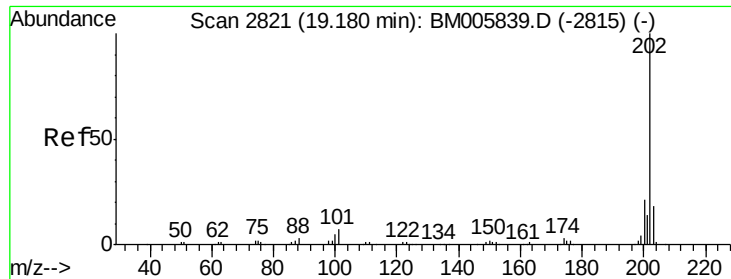
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#25
Phenanthrene
Concen: 1.90 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BM005841.D
Acq: 16 Jun 2016 23:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.0	18.0
176	20.4	14.9	22.3





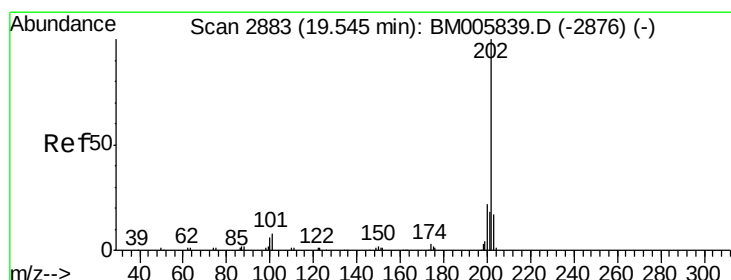
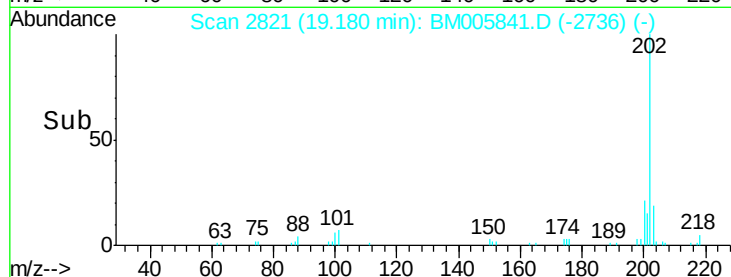
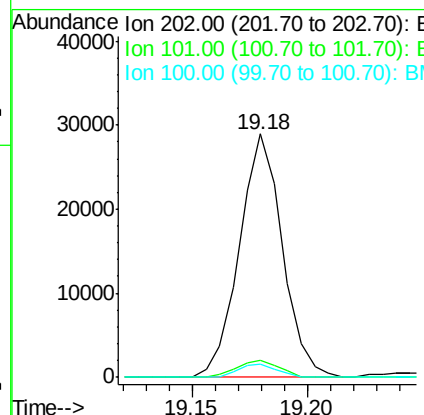
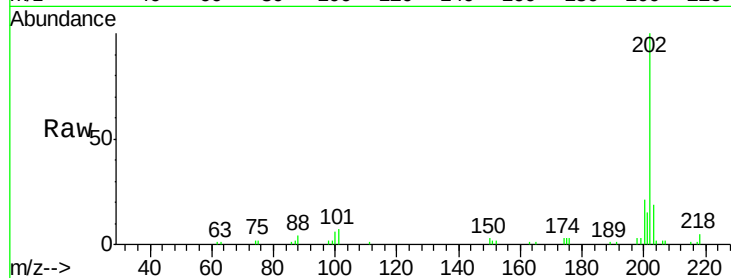
#28
Fluoranthene
Concen: 2.74 ng/ul
RT: 19.18 min Scan# 2821
Delta R.T. -0.00 min
Lab File: BM005841.D
Acq: 16 Jun 2016 23:14

Instrument :
BNA_M
ClientSampleId :
D9XW6

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.0	6.1	9.1
100	5.6	4.2	6.2

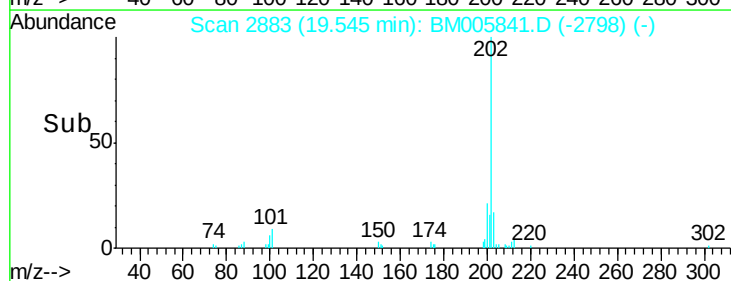
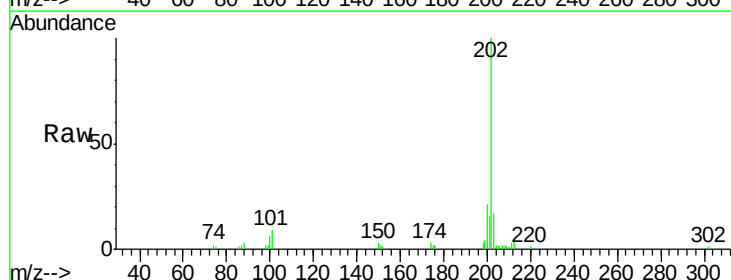
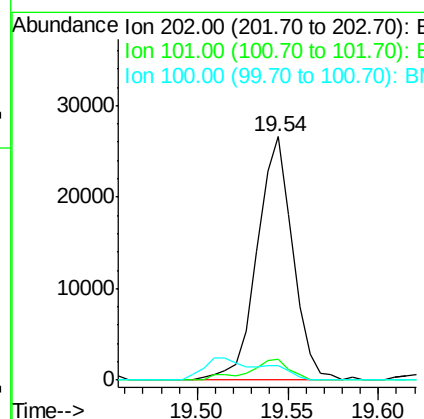
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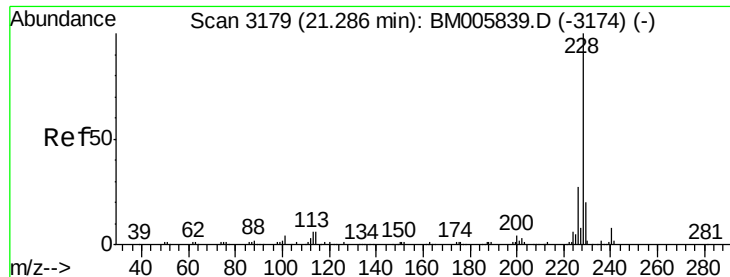
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#31
Pyrene
Concen: 2.70 ng/ul
RT: 19.54 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BM005841.D
Acq: 16 Jun 2016 23:14

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.6	6.5	9.7
100	5.8	5.4	8.2





#32

Benzo(a)anthracene

Concen: 1.87 ng/ul

RT: 21.29 min Scan# 3180

Delta R.T. 0.01 min

Lab File: BM005841.D

Acq: 16 Jun 2016 23:14

Instrument :

BNA_M

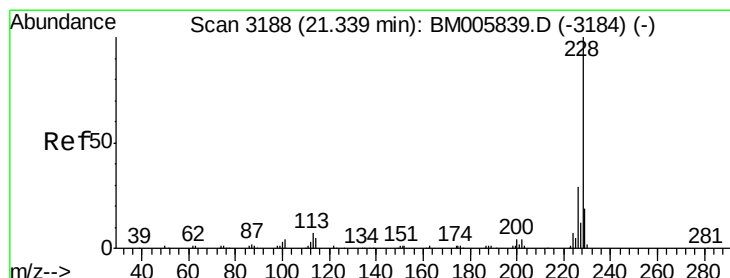
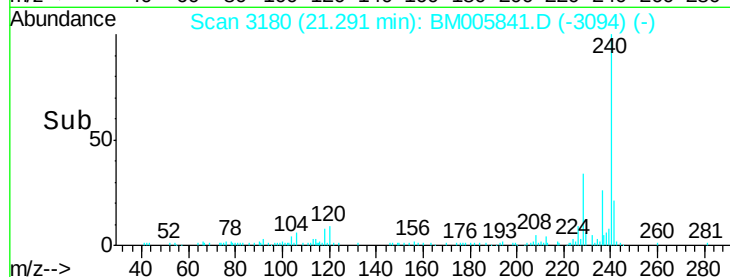
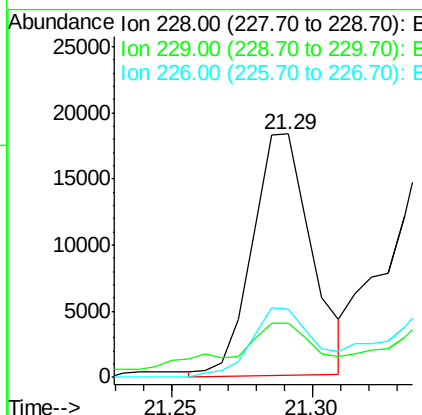
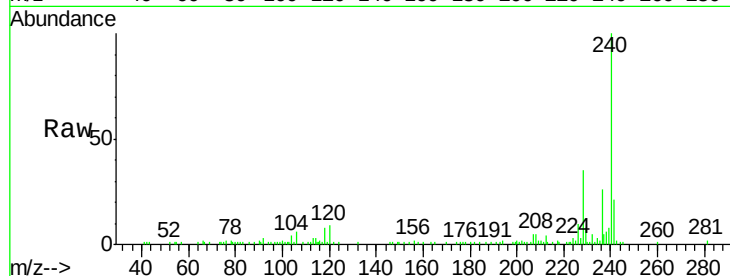
ClientSampleId :

D9XW6

Tgt Ion:	228	Resp:	26566
Ion Ratio	Lower	Upper	
228	100		
229	22.0	15.8	23.6
226	28.1	21.8	32.6

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#33

Chrysene

Concen: 2.30 ng/ul m

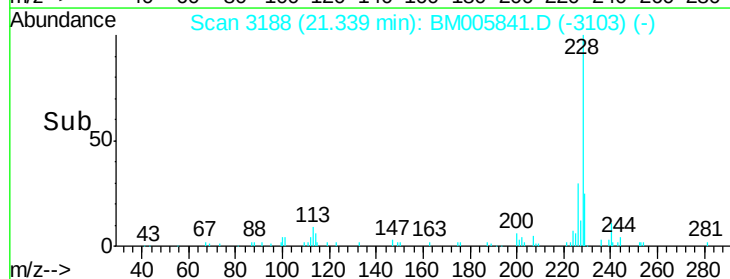
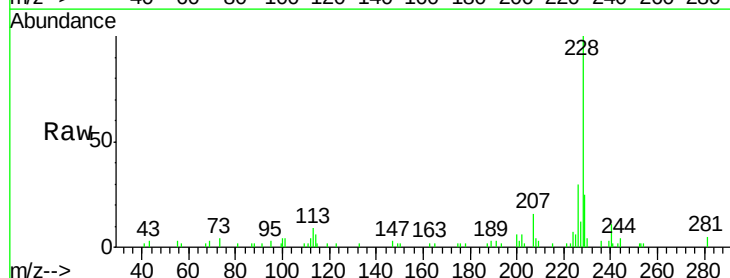
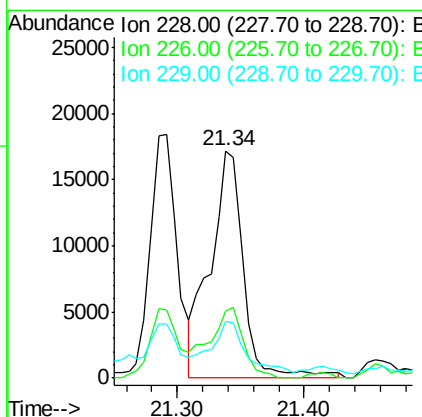
RT: 21.34 min Scan# 3188

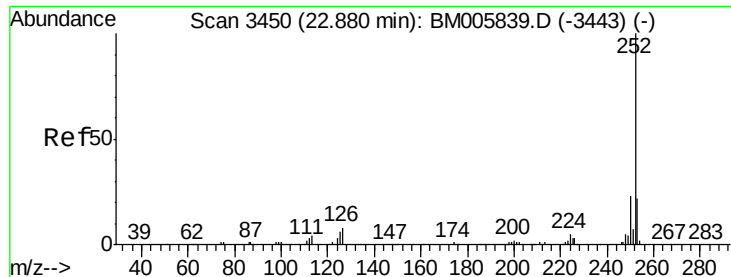
Delta R.T. -0.00 min

Lab File: BM005841.D

Acq: 16 Jun 2016 23:14

Tgt Ion:	228	Resp:	31507
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.5	35.3
229	24.8	15.4	23.0





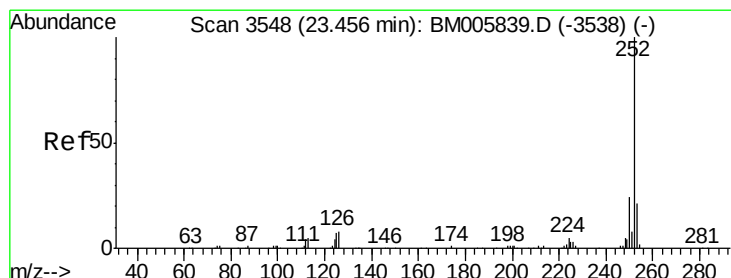
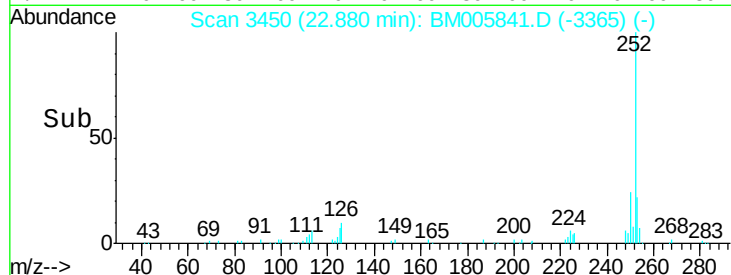
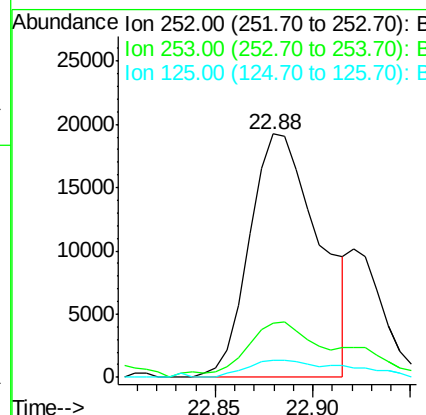
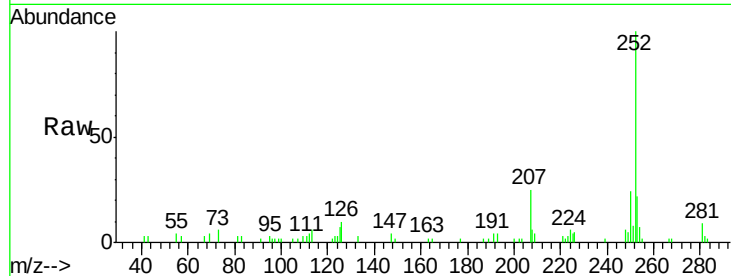
#35
Benzo(b)fluoranthene
Concen: 3.34 ng/ul
RT: 22.88 min Scan# 3450
Delta R.T. -0.00 min
Lab File: BM005841.D
Acq: 16 Jun 2016 23:14

Instrument :
BNA_M
ClientSampled :
D9XW6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	6.9	4.9	7.3

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#38
Benzo(a)pyrene
Concen: 1.77 ng/ul
RT: 23.46 min Scan# 3548
Delta R.T. -0.00 min
Lab File: BM005841.D
Acq: 16 Jun 2016 23:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	8.0	5.1	7.7#

