

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
 Data File : BM004625.D
 Acq On : 16 Mar 2016 08:12
 Operator : UM/SJ
 Sample : H1780-07 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCA25

Manual Integrations
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Sohil
 3/16/2016 1:49:57 PM

Quant Time: Mar 16 12:47:55 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 16 07:32:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	62862	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	271772	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	150505	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	337454	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	395466	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	395136	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	1051	0.58	ng/uL	0.00
5) Phenol-d5	7.00	99	15869	3.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	10742	3.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	13673	3.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	11311	2.72	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	4852	2.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	4562	2.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	11062	2.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	12545	2.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	36250	3.08	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	43333	3.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	1831	0.81	ng/ul	0.00
58) Fluorene-d10	15.47	176	38395	3.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	1359	0.77	ng/ul	0.00
71) Anthracene-d10	17.32	188	58653	3.78	ng/ul	0.00
79) Pyrene-d10	19.61	212	70218	3.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	76968	4.36	ng/ul	0.00

Target Compounds

						Qvalue
70) Phenanthrene	17.26	178	93968	4.87	ng/ul	99
72) Anthracene	17.35	178	27598	1.42	ng/ul	99
77) Fluoranthene	19.27	202	243531	11.44	ng/ul	98
80) Pyrene	19.64	202	216196	9.02	ng/ul	98
83) Benzo(a)anthracene	21.39	228	124964	5.41	ng/ul	99
85) Chrysene	21.44	228	123774	5.61	ng/ul	97
88) Benzo(b)fluoranthene	23.01	252	172565	7.32	ng/ul	96
89) Benzo(k)fluoranthene	23.05	252	71219m	3.18	ng/ul	
91) Benzo(a)pyrene	23.60	252	122489	5.42	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	26.02	276	84617	3.33	ng/ul	96
93) Dibenzo(a,h)anthracene	26.03	278	21976m	1.05	ng/ul	
94) Benzo(g,h,i)perylene	26.74	276	80394	3.74	ng/ul	98

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

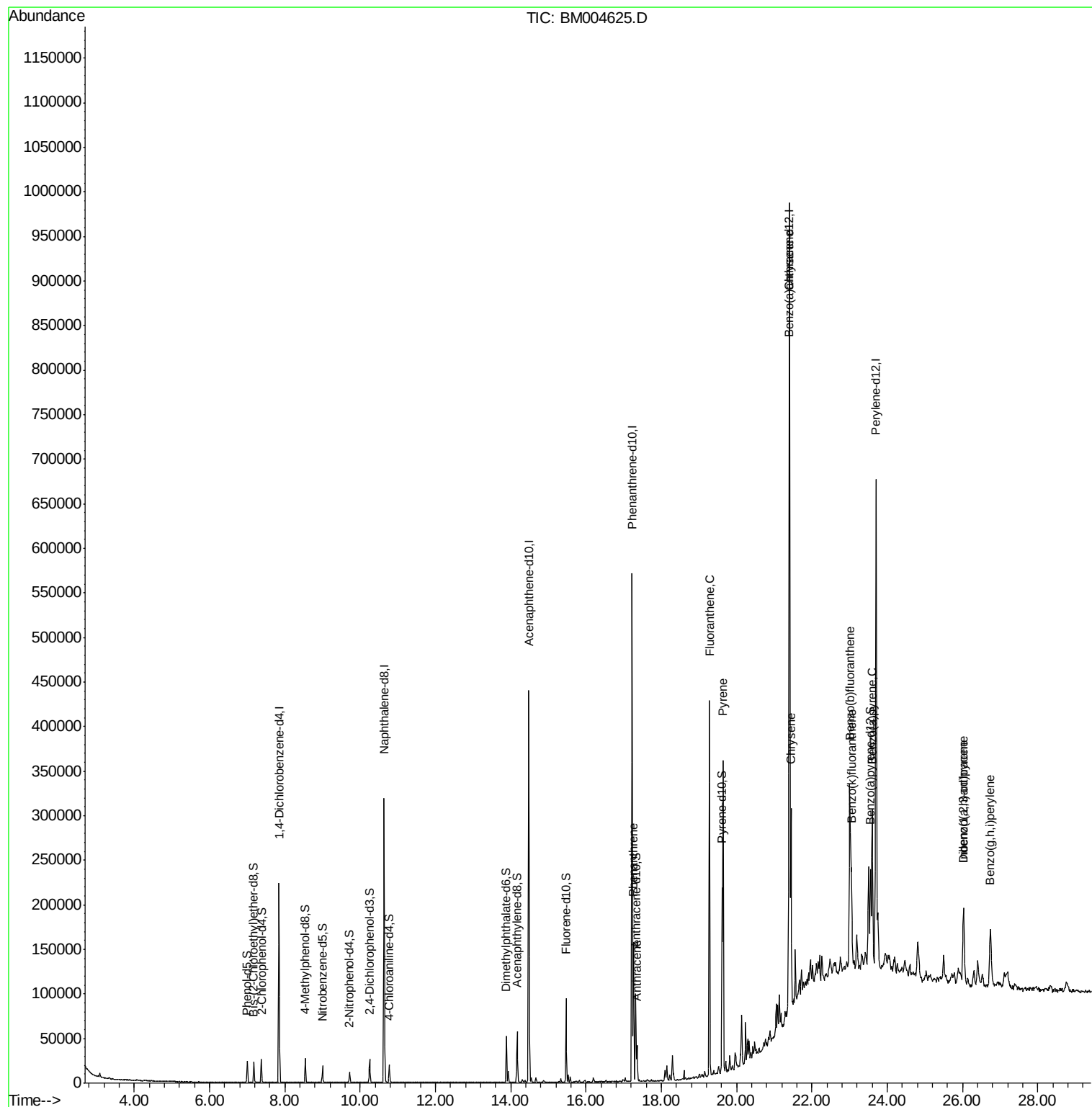
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
Data File : BM004625.D
Acq On : 16 Mar 2016 08:12
Operator : UM/SJ
Sample : H1780-07 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

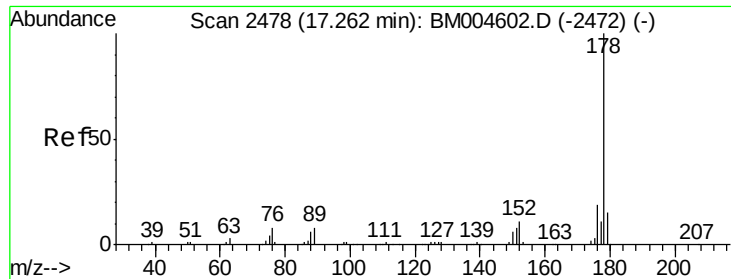
Instrument :
BNA_M
ClientSampleId :
BCA25

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Quant Time: Mar 16 12:47:55 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





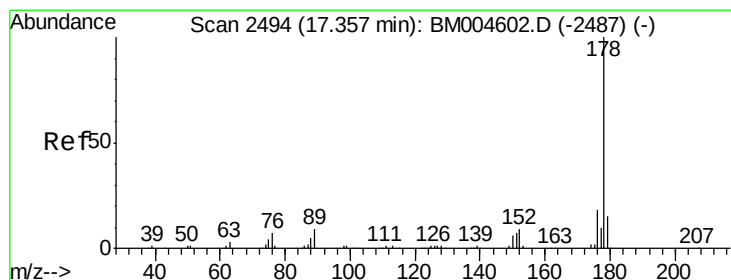
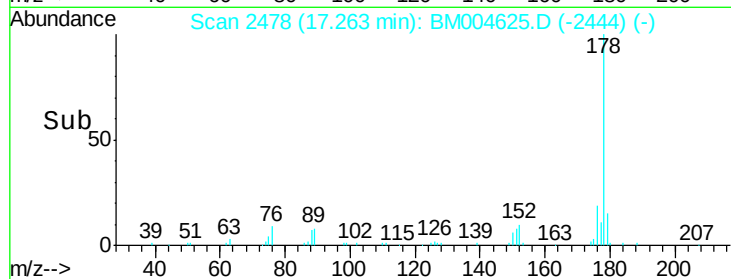
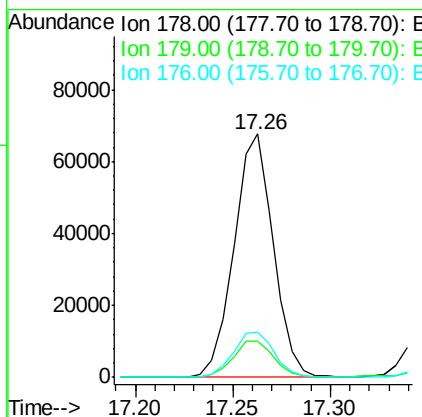
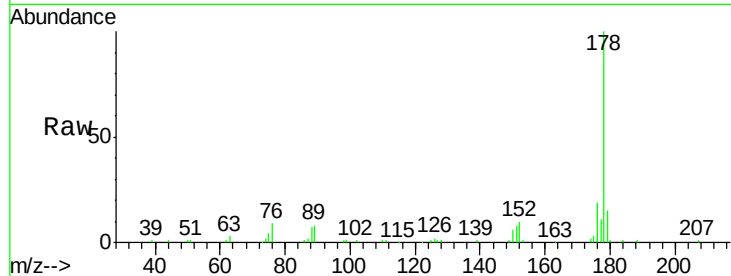
#70
 Phenanthrene
 Concen: 4.87 ng/ul
 RT: 17.26 min Scan# 2478
 Delta R.T. 0.00 min
 Lab File: BM004625.D
 Acq: 16 Mar 2016 08:12

Instrument :
 BNA_M
 ClientSampleId :
 BCA25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	18.6	15.6	23.4

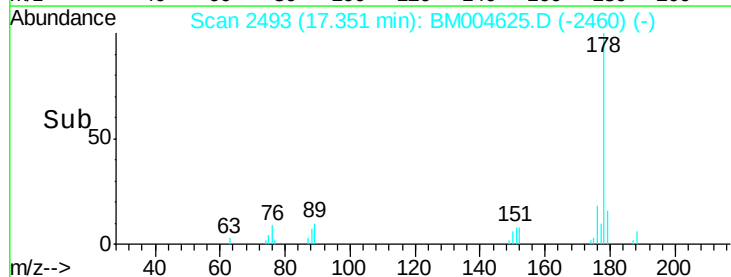
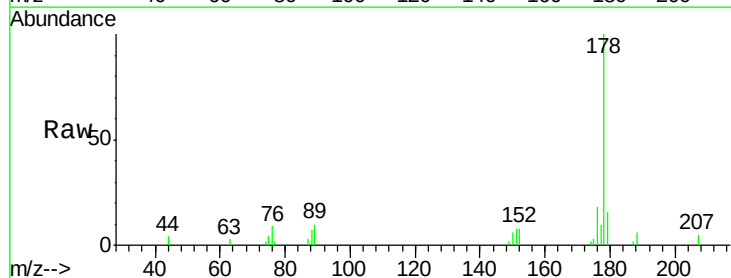
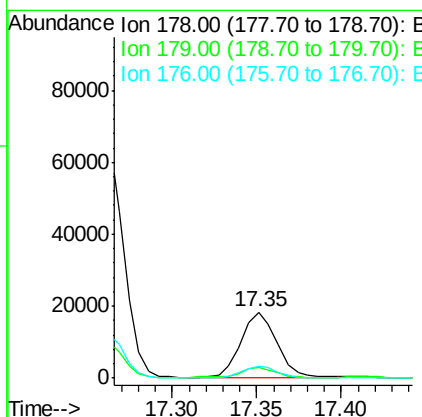
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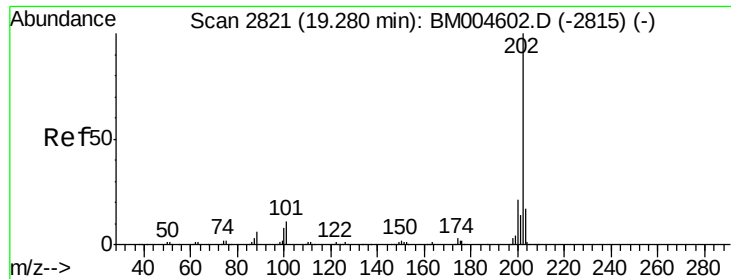
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#72
 Anthracene
 Concen: 1.42 ng/ul
 RT: 17.35 min Scan# 2493
 Delta R.T. -0.01 min
 Lab File: BM004625.D
 Acq: 16 Mar 2016 08:12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.1	18.1
176	18.3	14.8	22.2





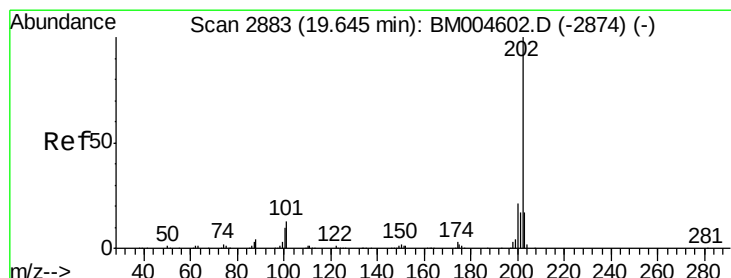
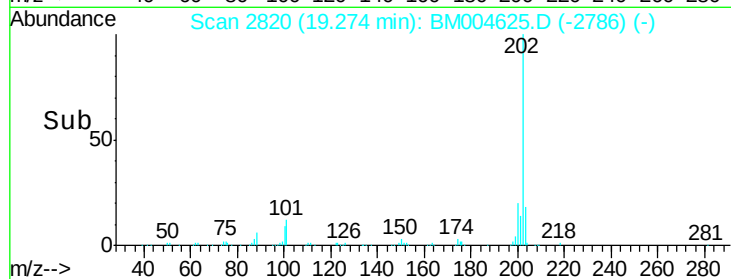
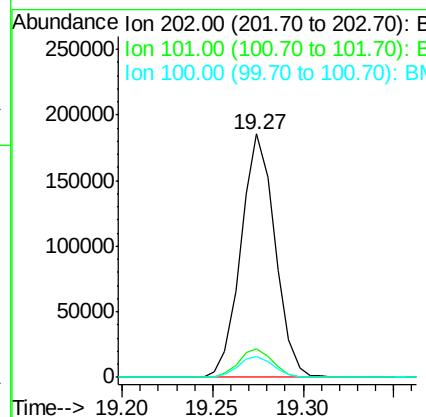
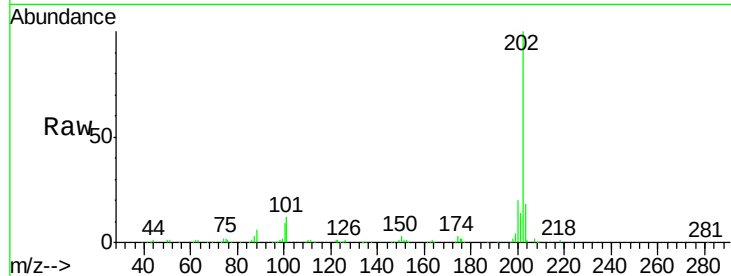
#77
 Fluoranthene
 Concen: 11.44 ng/ul
 RT: 19.27 min Scan# 2820
 Delta R.T. 0.00 min
 Lab File: BM004625.D
 Acq: 16 Mar 2016 08:12

Instrument :
 BNA_M
 ClientSampled :
 BCA25

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.8	8.8	13.2
100	8.8	6.6	9.8

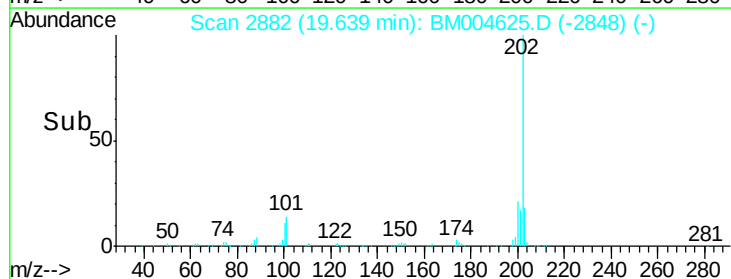
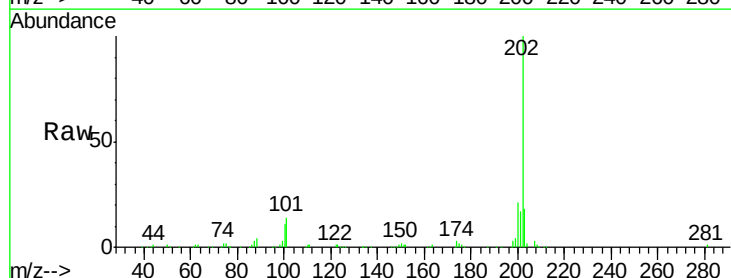
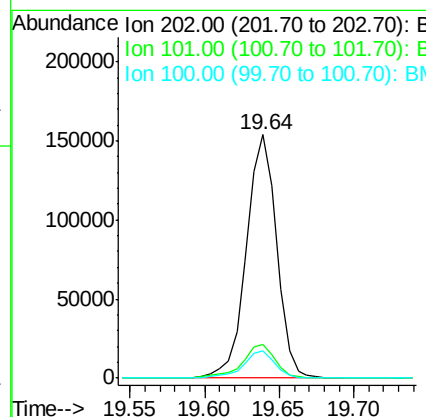
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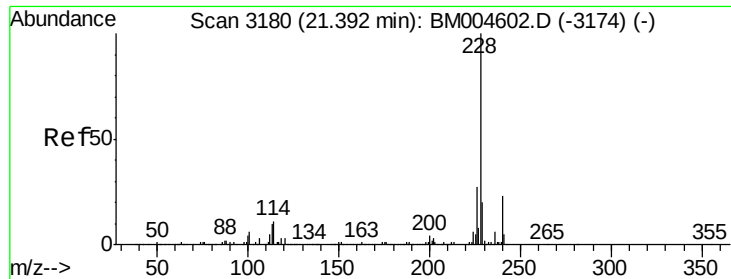
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#80
 Pyrene
 Concen: 9.02 ng/ul
 RT: 19.64 min Scan# 2882
 Delta R.T. 0.00 min
 Lab File: BM004625.D
 Acq: 16 Mar 2016 08:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.8	10.2	15.2
100	11.1	8.5	12.7





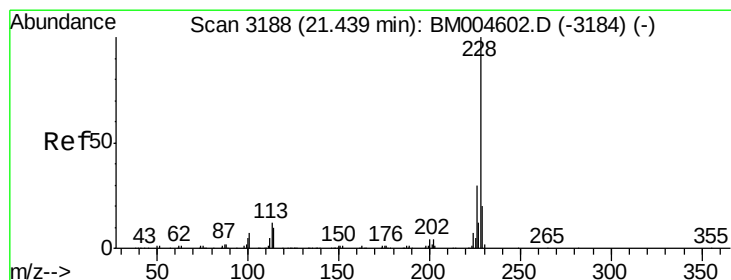
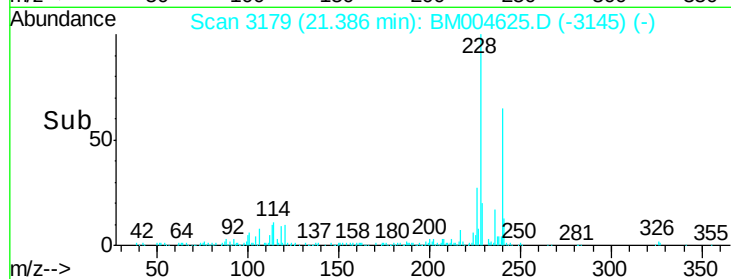
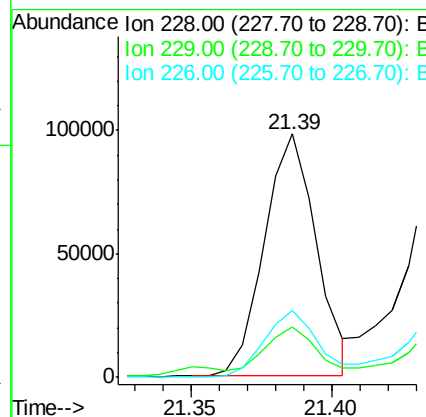
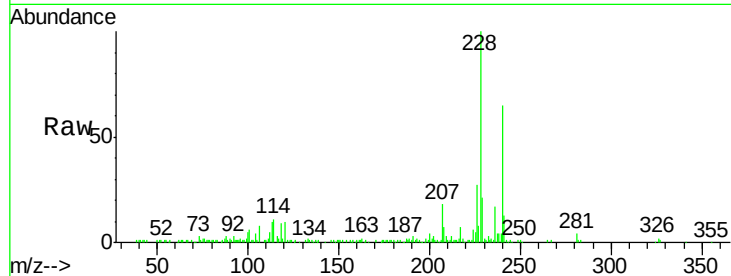
#83
Benzo(a)anthracene
Concen: 5.41 ng/ul
RT: 21.39 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BM004625.D
Acq: 16 Mar 2016 08:12

Instrument :
BNA_M
ClientSampleId :
BCA25

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	27.3	21.8	32.6

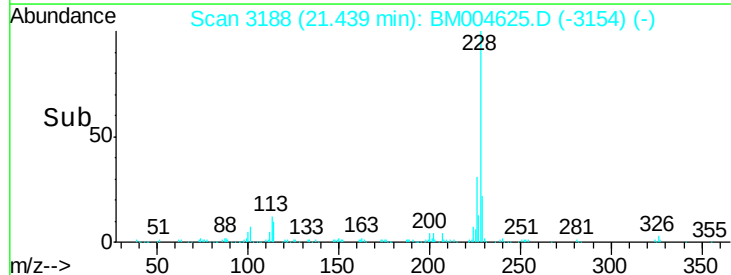
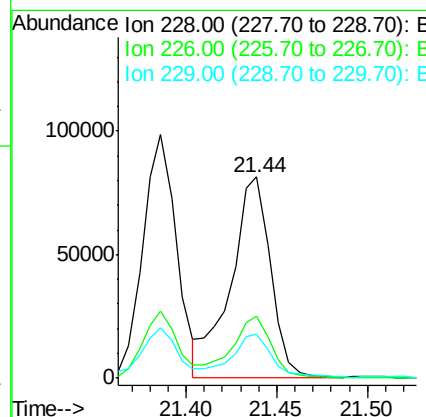
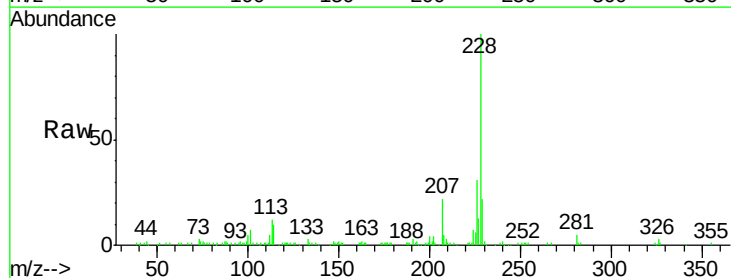
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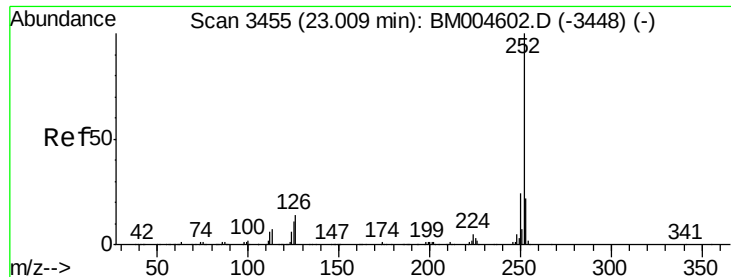
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#85
Chrysene
Concen: 5.61 ng/ul
RT: 21.44 min Scan# 3188
Delta R.T. 0.00 min
Lab File: BM004625.D
Acq: 16 Mar 2016 08:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	21.5	15.6	23.4





#88

Benzo(b)fluoranthene

Concen: 7.32 ng/ul

RT: 23.01 min Scan# 3455

Delta R.T. 0.01 min

Lab File: BM004625.D

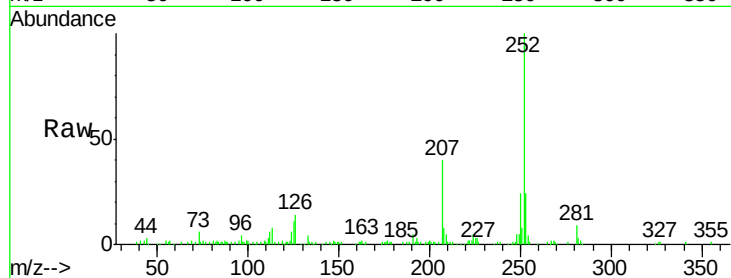
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Instrument :

BNA_M

ClientSampled :

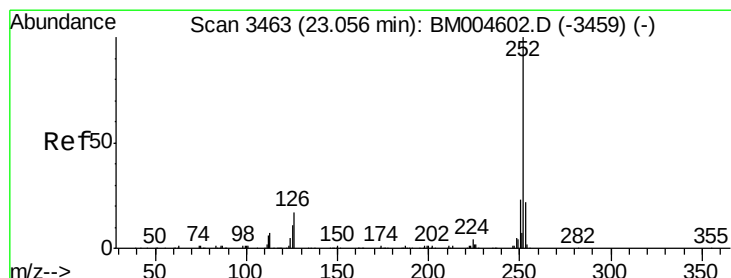
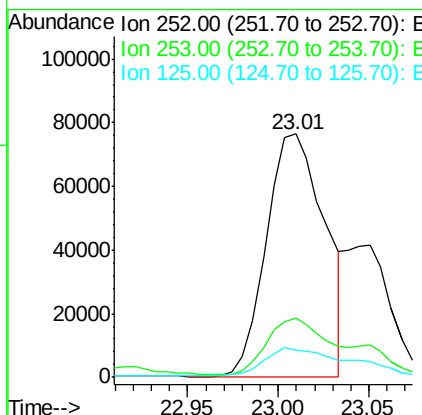
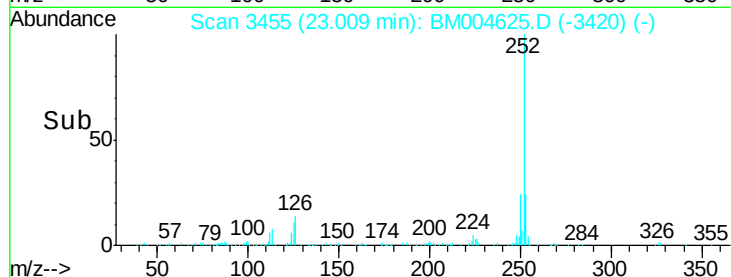
BCA25



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	172565		
253	24.3	17.5	26.3	
125	11.2	8.5	12.7	

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#89

Benzo(k)fluoranthene

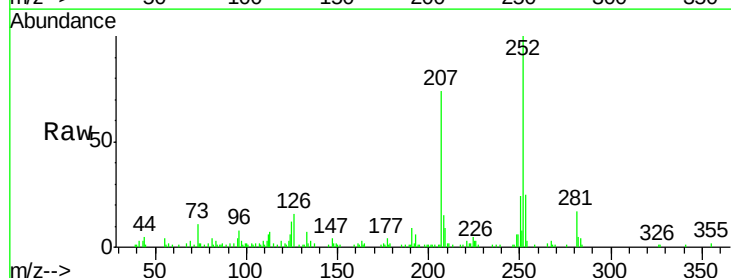
Concen: 3.18 ng/ul m

RT: 23.05 min Scan# 3462

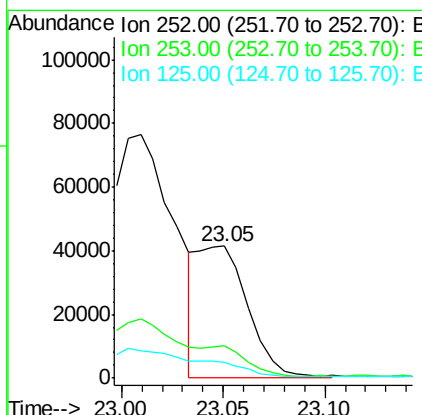
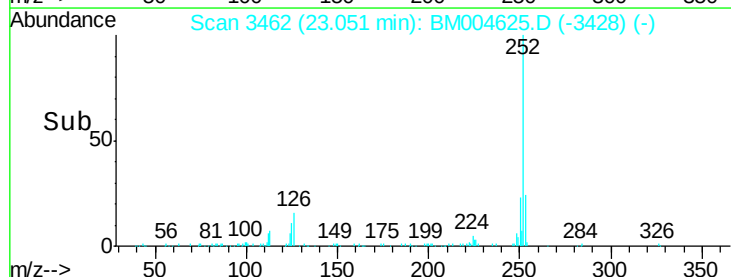
Delta R.T. 0.00 min

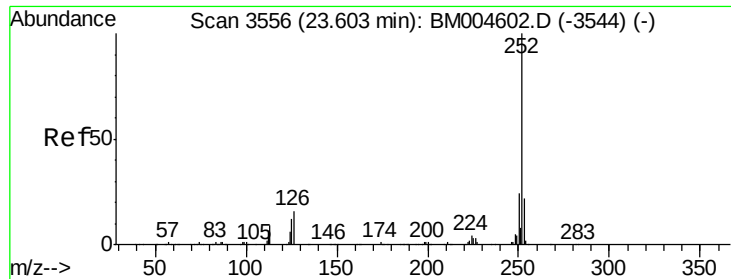
Lab File: BM004625.D

Acq: 16 Mar 2016 08:12



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	71219		
253	25.0	17.3	25.9	
125	12.3	8.2	12.2#	





#91

Benzo(a)pyrene

Concen: 5.42 ng/ul

RT: 23.60 min Scan# 3555

Delta R.T. 0.00 min

Lab File: BM004625.D

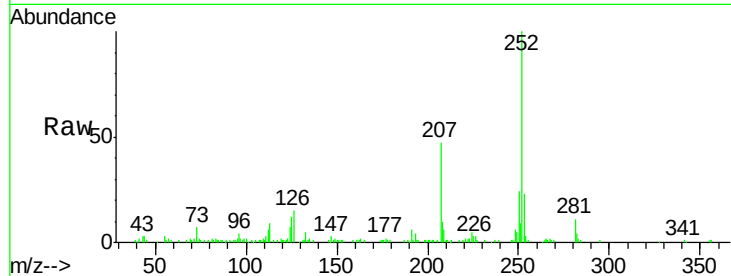
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Instrument :

BNA_M

ClientSampleId :

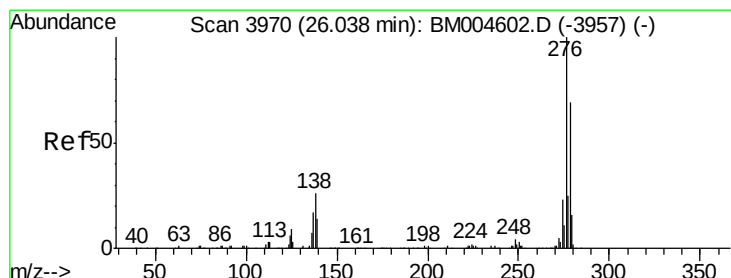
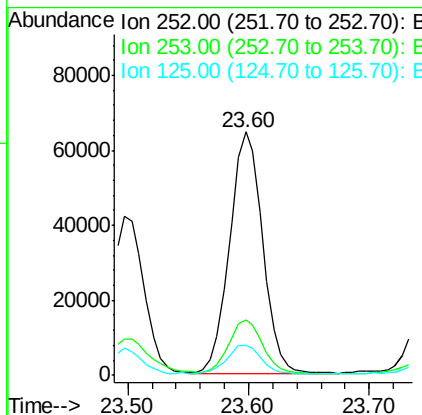
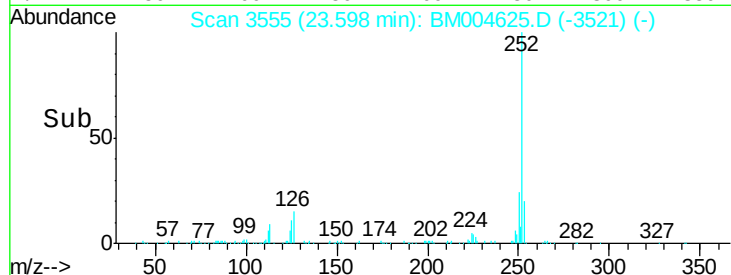
BCA25



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	122489		
253	23.0	17.2	25.8	
125	12.3	9.0	13.6	

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#92

Indeno(1,2,3-cd)pyrene

Concen: 3.33 ng/ul

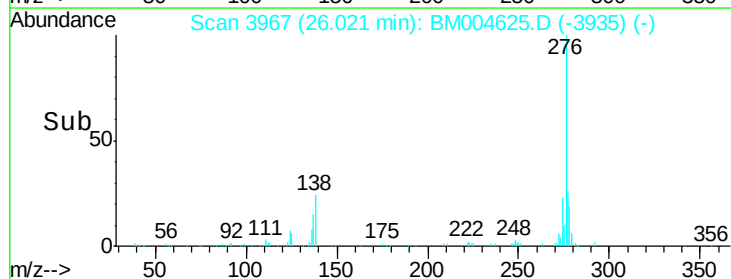
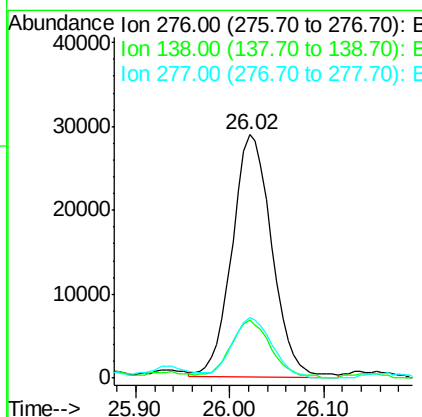
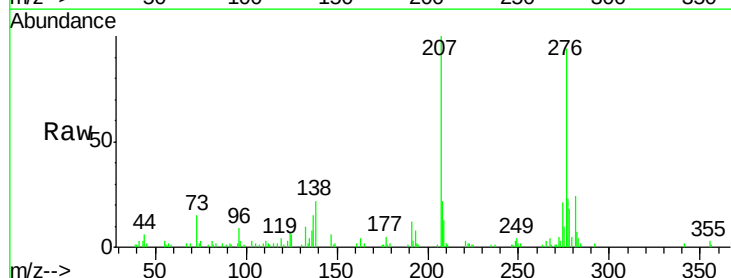
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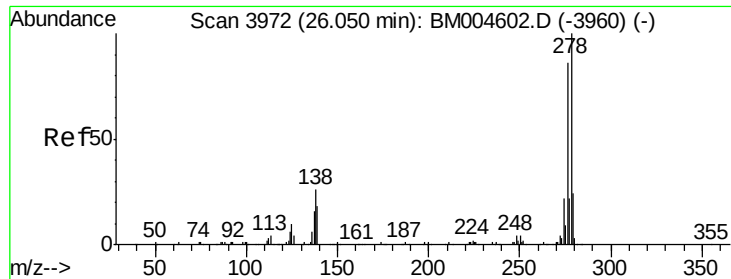
Delta R.T. -0.01 min

Lab File: BM004625.D

Acq: 16 Mar 2016 08:12

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	84617		
138	23.7	22.3	33.5	
277	24.9	20.2	30.2	





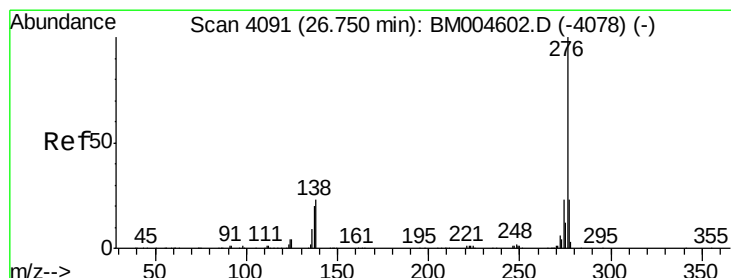
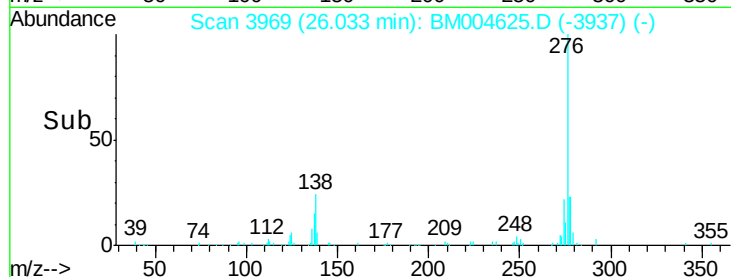
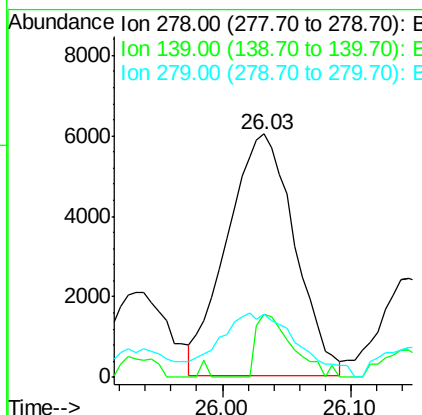
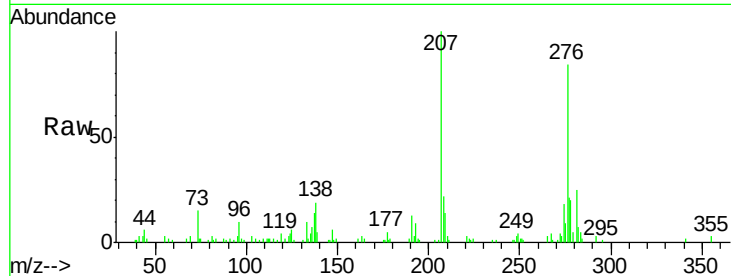
#93
Dibenzo(a,h)anthracene
Concen: 1.05 ng/ul m
RT: 26.03 min Scan# 3969
Delta R.T. -0.01 min
Lab File: BM004625.D
Acq: 16 Mar 2016 08:12

Instrument :
BNA_M
ClientSampleId :
BCA25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.7	13.9	20.9#
279	25.8	19.0	28.4

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#94
Benzo(g,h,i)perylene
Concen: 3.74 ng/ul
RT: 26.74 min Scan# 4089
Delta R.T. -0.01 min
Lab File: BM004625.D
Acq: 16 Mar 2016 08:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	18.9	28.3
277	24.9	19.2	28.8

