

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
 Data File : BM004603.D
 Acq On : 15 Mar 2016 18:21
 Operator : UM/SJ
 Sample : H1710-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MS-SS-D140

Manual Integrations
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Sohil
 3/16/2016 11:06:48 AM

Quant Time: Mar 16 06:01:43 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 16 05:57:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	63066	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	273984	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	153922	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	349167	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	410627	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	402928	20.00	ng/ul	0.00

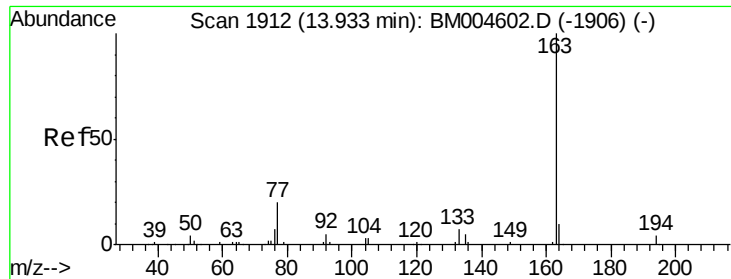
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	5728	3.13	ng/uL	0.00
5) Phenol-d5	7.00	99	104706	20.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	65387	22.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	85765	20.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	75986	18.19	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	37787	19.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	40651	19.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	80872	20.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	103563	21.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	268206	22.29	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	322354	21.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	32317	13.89	ng/ul	0.00
58) Fluorene-d10	15.47	176	240923	22.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	26129	14.24	ng/ul	0.00
71) Anthracene-d10	17.32	188	369100	22.96	ng/ul	0.00
79) Pyrene-d10	19.62	212	412003	21.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	404004	22.45	ng/ul	0.00

Target Compounds

					Qvalue
45) Dimethylphthalate	13.93	163	104392	8.55 ng/ul	99
50) Acenaphthene	14.54	153	20573	1.93 ng/ul	98
59) Fluorene	15.53	166	23034	1.90 ng/ul	99
70) Phenanthrene	17.26	178	354177	17.75 ng/ul	100
72) Anthracene	17.36	178	82613	4.11 ng/ul	99
75) Carbazole	17.62	167	35850	2.00 ng/ul	98
77) Fluoranthene	19.28	202	483493	21.95 ng/ul	99
80) Pyrene	19.64	202	379126	15.23 ng/ul	97
83) Benzo(a)anthracene	21.39	228	205118	8.56 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.32	149	34450	2.43 ng/ul	99
85) Chrysene	21.44	228	192102	8.39 ng/ul	98
88) Benzo(b)fluoranthene	23.01	252	219208	9.12 ng/ul	98
89) Benzo(k)fluoranthene	23.05	252	87969m	3.85 ng/ul	
91) Benzo(a)pyrene	23.60	252	124102	5.39 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	26.03	276	82102	3.17 ng/ul	95
93) Dibenzo(a,h)anthracene	26.04	278	26561m	1.24 ng/ul	

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



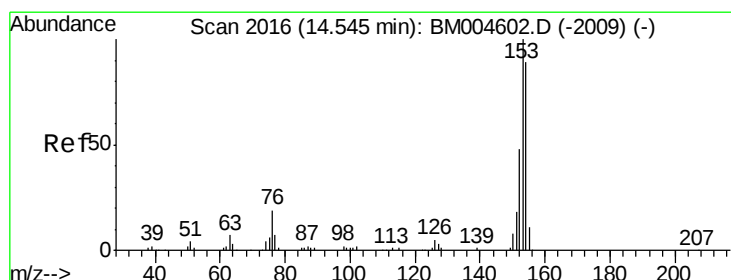
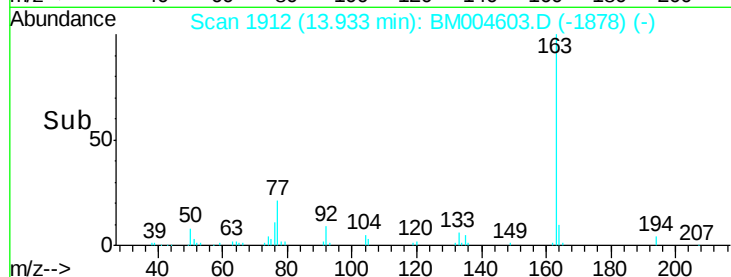
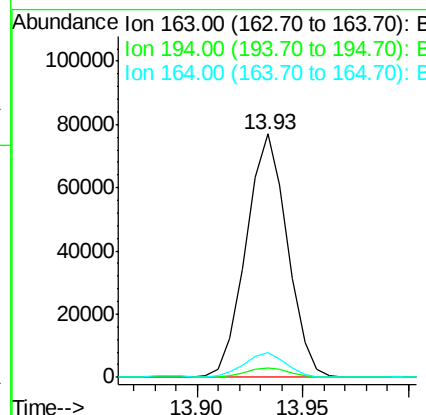
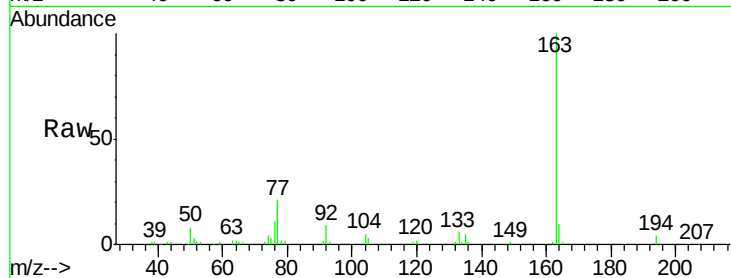
#45
Dimethylphthalate
Concen: 8.55 ng/ul
RT: 13.93 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BM004603.D
Acq: 15 Mar 2016 18:21

Instrument :
BNA_M
ClientSampleId :
MS-SS-D140

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	104392		
194	4.0	3.2	4.8	
164	10.3	7.8	11.8	

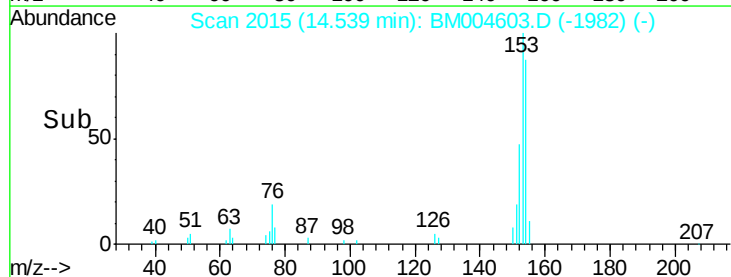
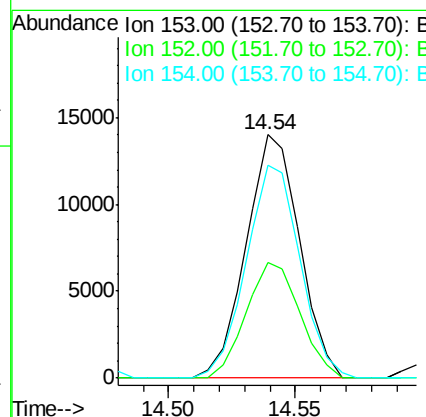
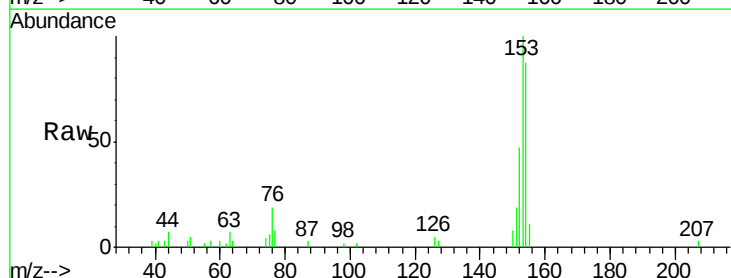
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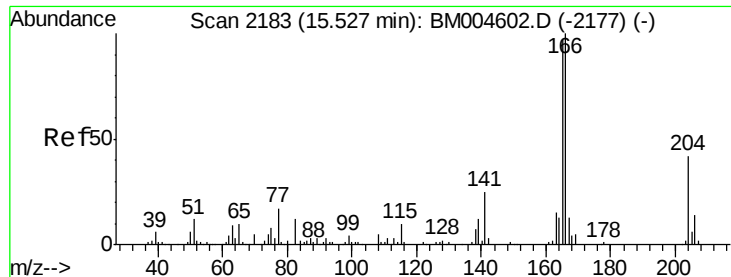
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#50
Acenaphthene
Concen: 1.93 ng/ul
RT: 14.54 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM004603.D
Acq: 15 Mar 2016 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	20573		
152	47.3	38.3	57.5	
154	87.2	71.8	107.8	





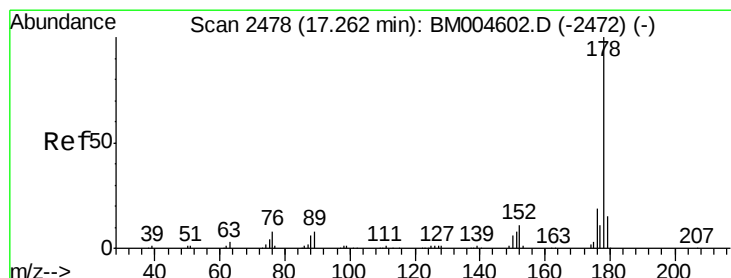
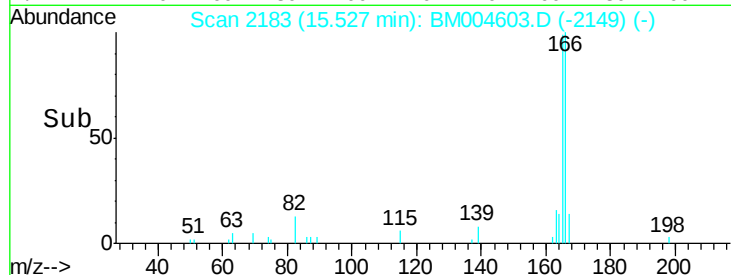
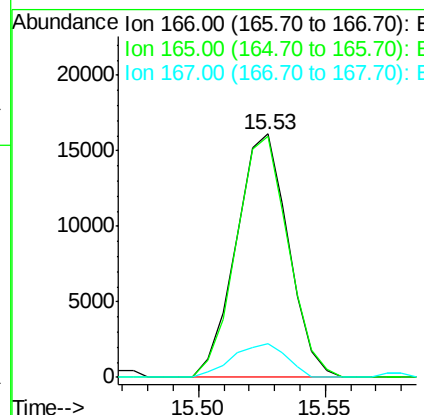
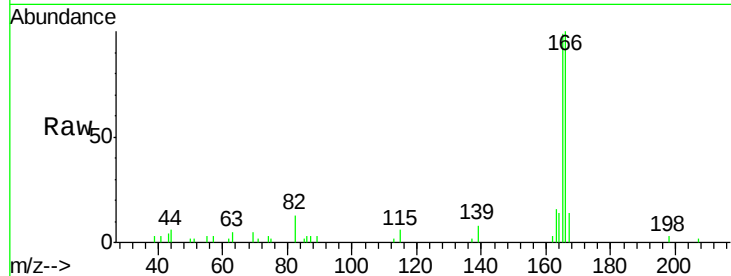
#59
Fluorene
Concen: 1.90 ng/ul
RT: 15.53 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BM004603.D
Acq: 15 Mar 2016 18:21

Instrument :
BNA_M
ClientSampleId :
MS-SS-D140

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	23034		
165	99.1	78.5	117.7	
167	13.8	10.7	16.1	

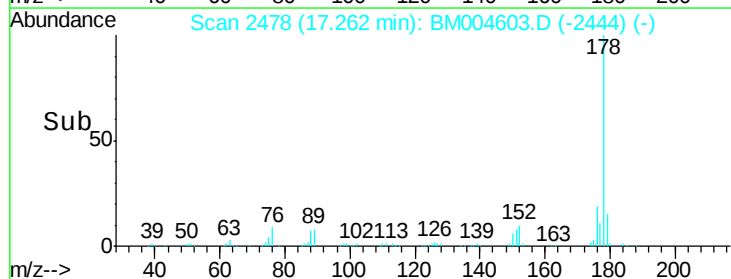
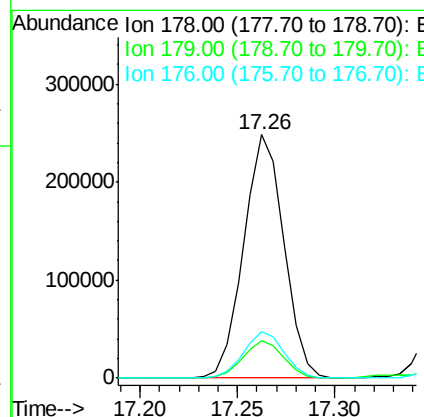
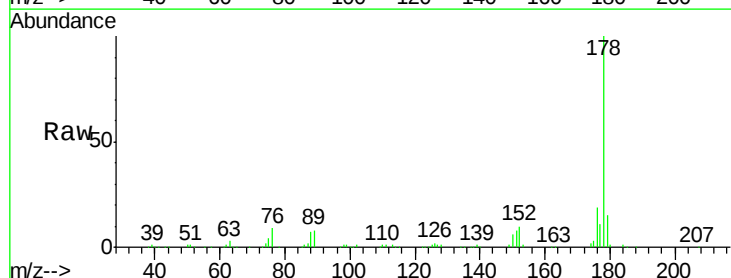
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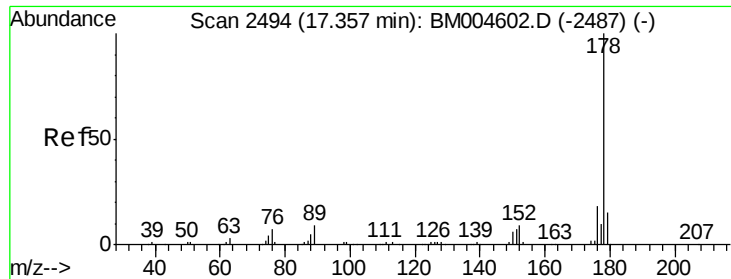
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#70
Phenanthrene
Concen: 17.75 ng/ul
RT: 17.26 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BM004603.D
Acq: 15 Mar 2016 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	354177		
179	15.4	12.2	18.4	
176	19.2	15.6	23.4	





#72

Anthracene

Concen: 4.11 ng/ul

RT: 17.36 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BM004603.D

Acq: 15 Mar 2016 18:21

Instrument :

BNA_M

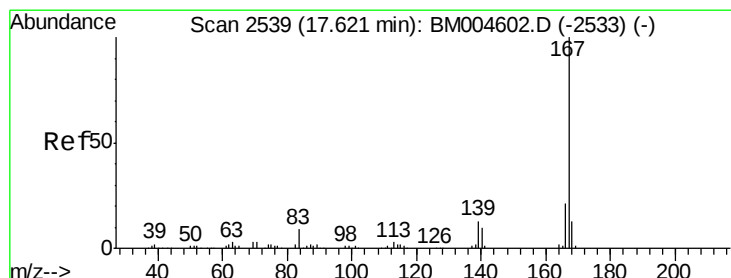
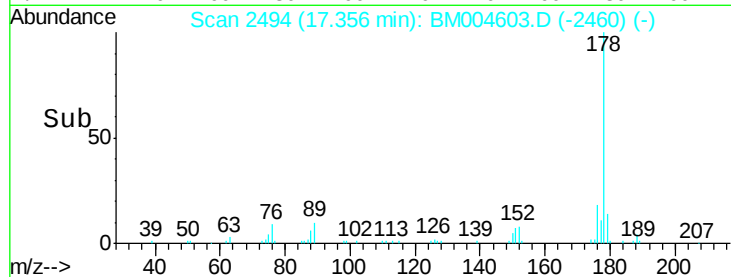
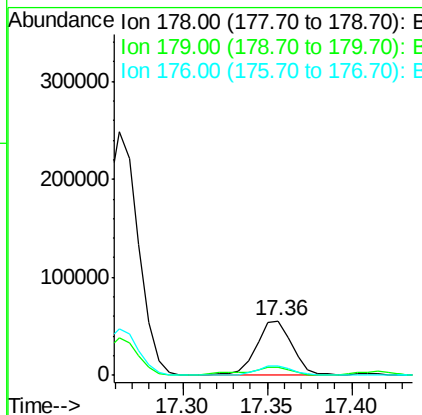
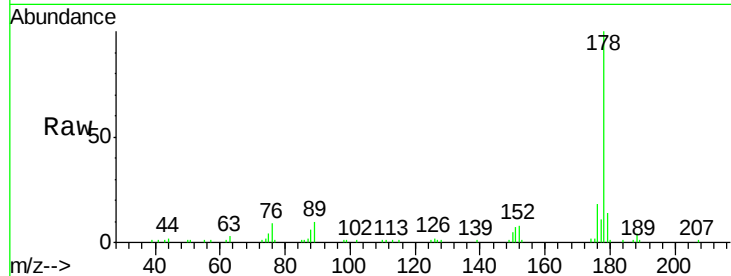
ClientSampleId :

MS-SS-D140

Tgt Ion:	178	Resp:	82613
Ion Ratio	Lower	Upper	
178	100		
179	14.1	12.1	18.1
176	18.3	14.8	22.2

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#75

Carbazole

Concen: 2.00 ng/ul

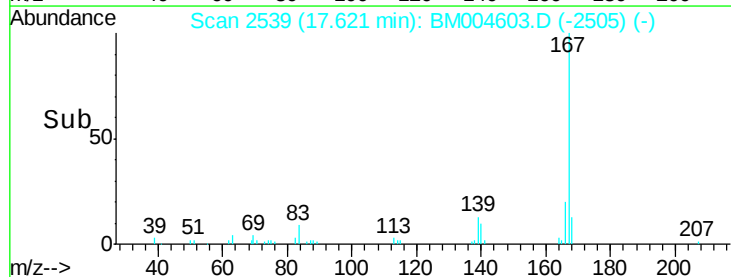
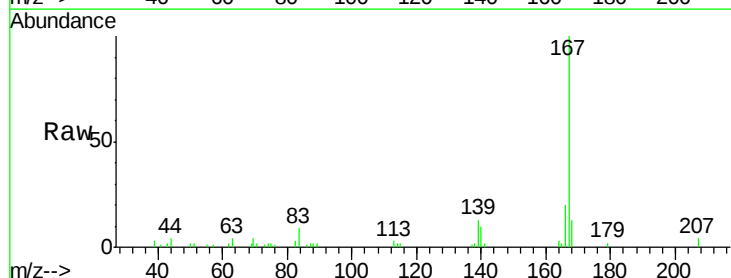
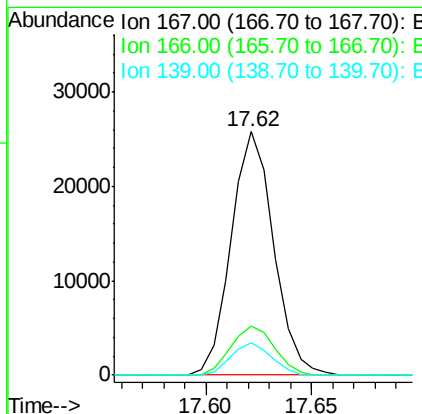
RT: 17.62 min Scan# 2539

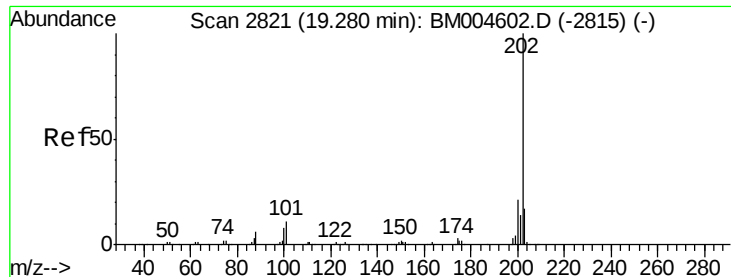
Delta R.T. -0.00 min

Lab File: BM004603.D

Acq: 15 Mar 2016 18:21

Tgt Ion:	167	Resp:	35850
Ion Ratio	Lower	Upper	
167	100		
166	20.3	17.0	25.6
139	13.4	11.0	16.4





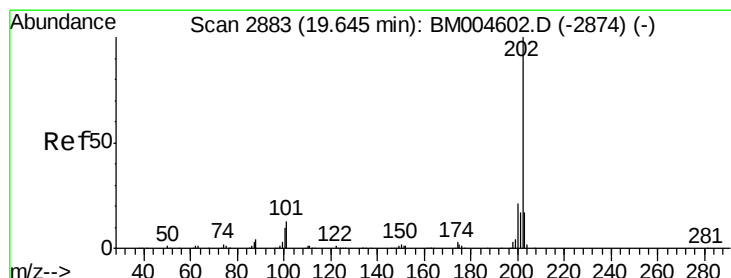
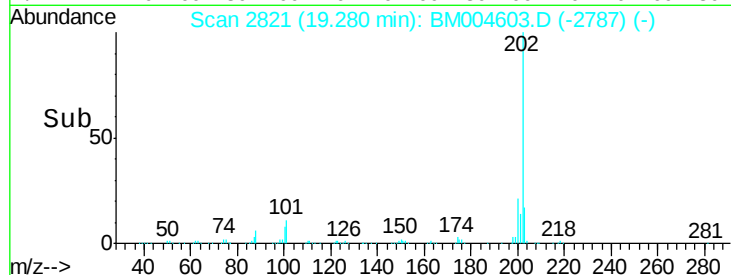
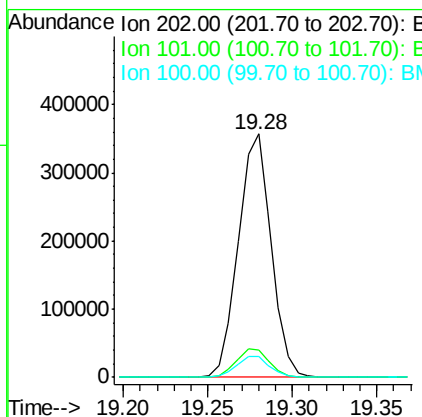
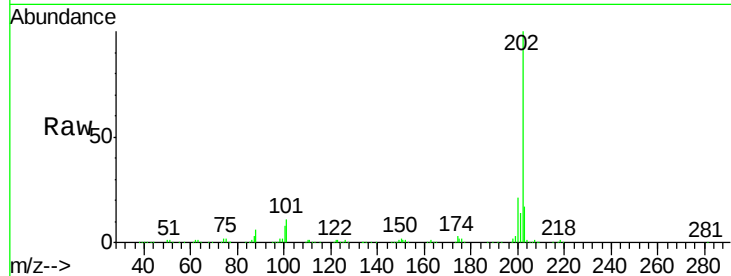
#77
Fluoranthene
 Concen: 21.95 ng/ul
 RT: 19.28 min Scan# 2821
 Delta R.T. -0.00 min
 Lab File: BM004603.D
 Acq: 15 Mar 2016 18:21

Instrument :
 BNA_M
 ClientSampleId :
 MS-SS-D140

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.4	8.8	13.2
100	8.3	6.6	9.8

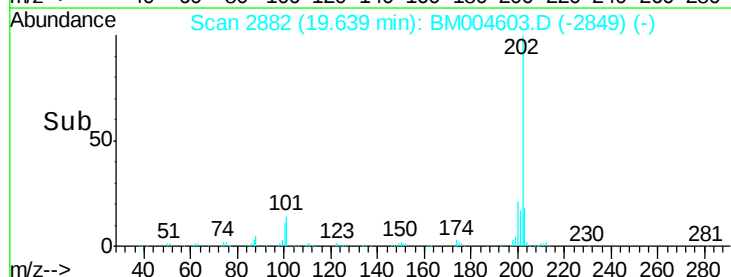
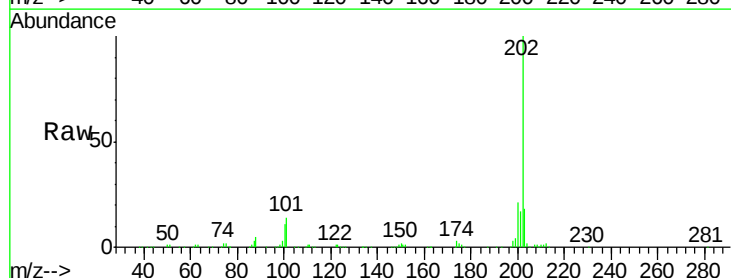
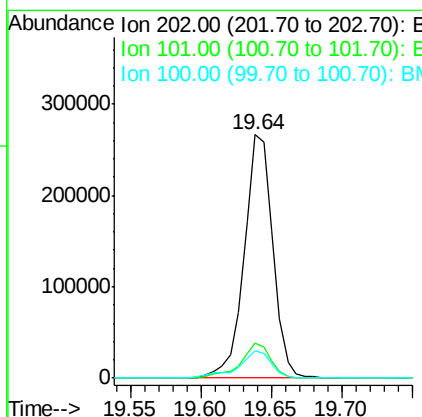
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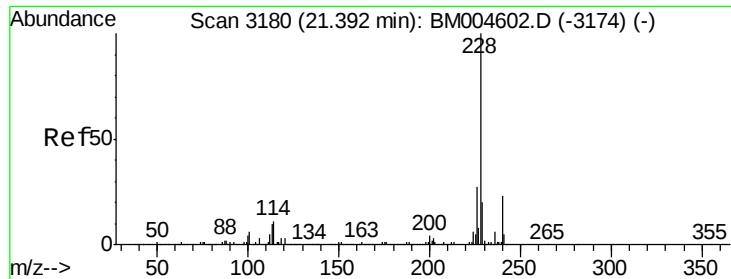
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#80
Pyrene
 Concen: 15.23 ng/ul
 RT: 19.64 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BM004603.D
 Acq: 15 Mar 2016 18:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.1	10.2	15.2
100	11.3	8.5	12.7





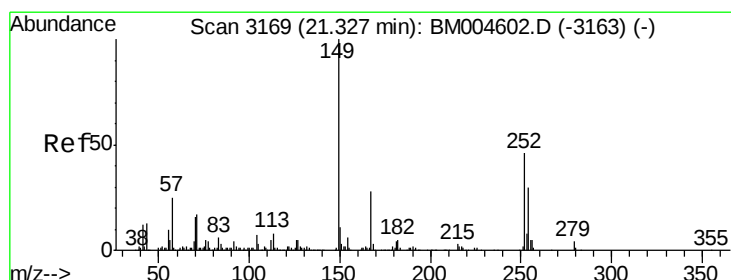
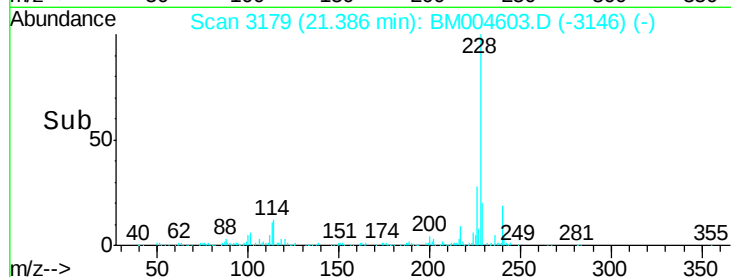
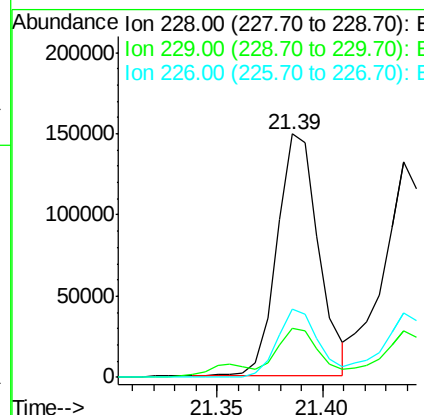
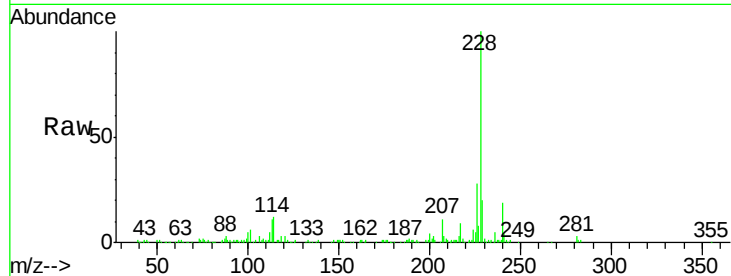
#83
Benzo(a)anthracene
Concen: 8.56 ng/ul
RT: 21.39 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BM004603.D
Acq: 15 Mar 2016 18:21

Instrument :
BNA_M
ClientSampleId :
MS-SS-D140

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.7	23.5
226	27.9	21.8	32.6

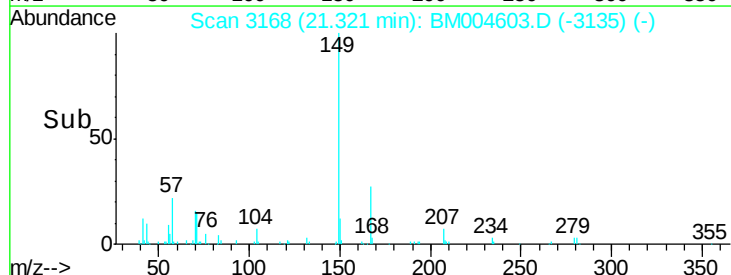
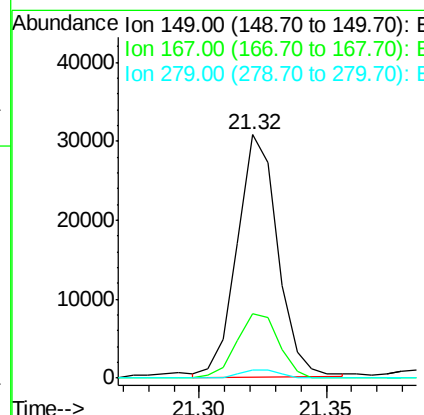
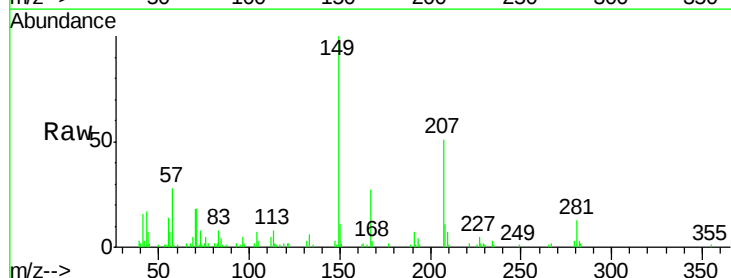
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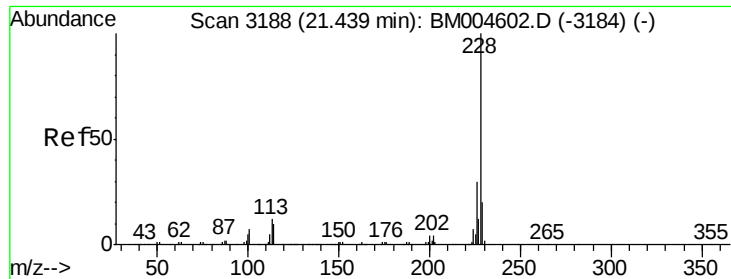
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.43 ng/ul
RT: 21.32 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BM004603.D
Acq: 15 Mar 2016 18:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.6	32.4
279	3.3	3.0	4.4





#85

Chrysene

Concen: 8.39 ng/ul

RT: 21.44 min Scan# 3188

Delta R.T. -0.00 min

Lab File: BM004603.D

Acq: 15 Mar 2016 18:21

Instrument :

BNA_M

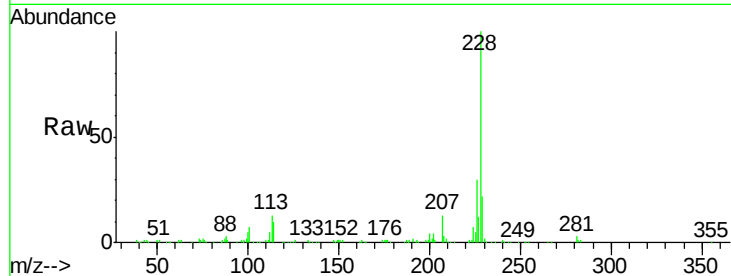
ClientSampleId :

MS-SS-D140

Tgt	Ion	228	Resp	192102
	Ratio	100	Lower	Upper
	226	30.1	24.0	36.0
	229	21.8	15.6	23.4

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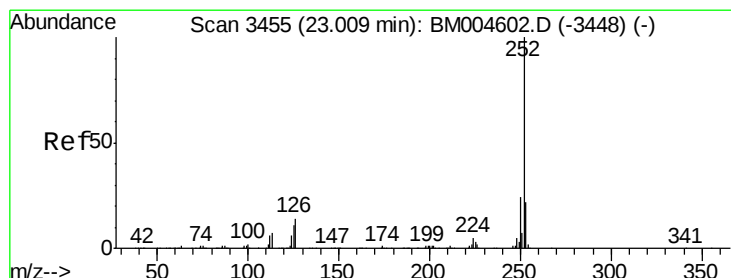
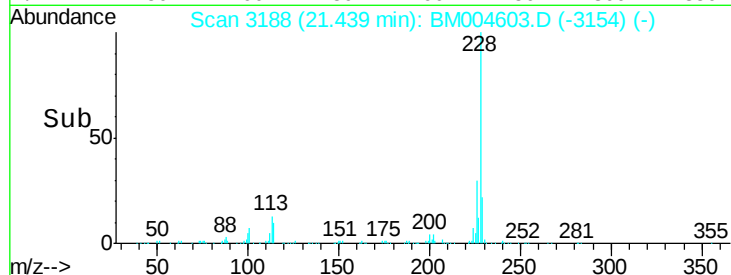
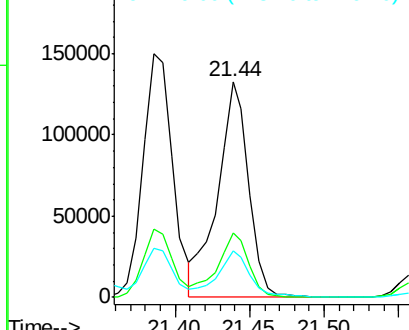


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 9.12 ng/ul

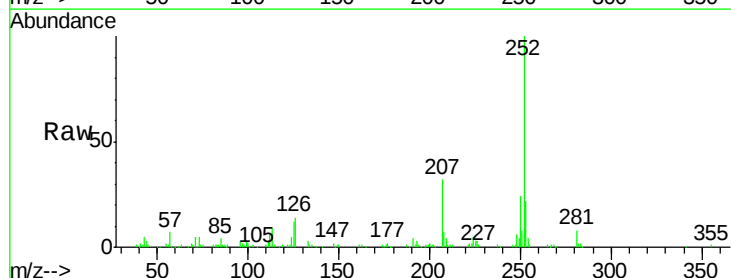
RT: 23.01 min Scan# 3455

Delta R.T. -0.00 min

Lab File: BM004603.D

Acq: 15 Mar 2016 18:21

Tgt	Ion	252	Resp	219208
	Ratio	100	Lower	Upper
	253	22.4	17.5	26.3
	125	11.6	8.5	12.7

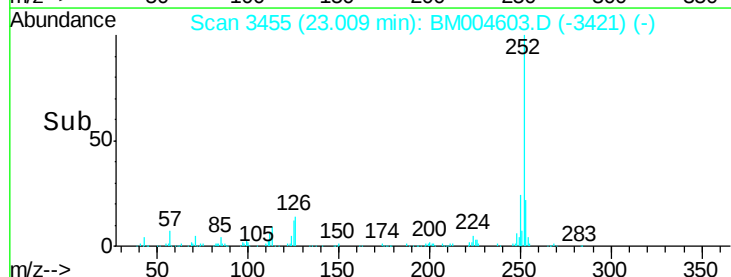
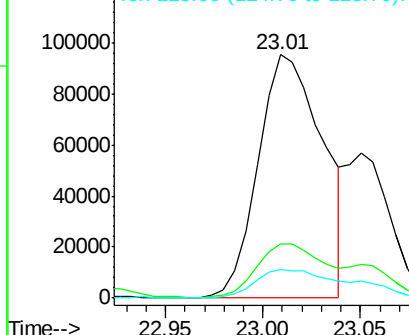


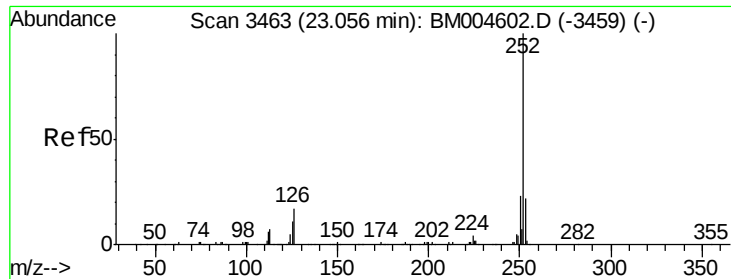
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 3.85 ng/ul m

RT: 23.05 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BM004603.D

Acq: 15 Mar 2016 18:21

Instrument :

BNA_M

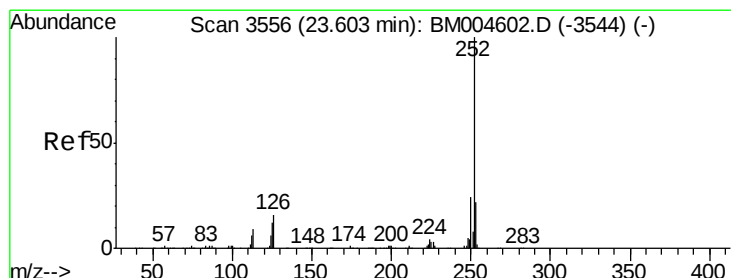
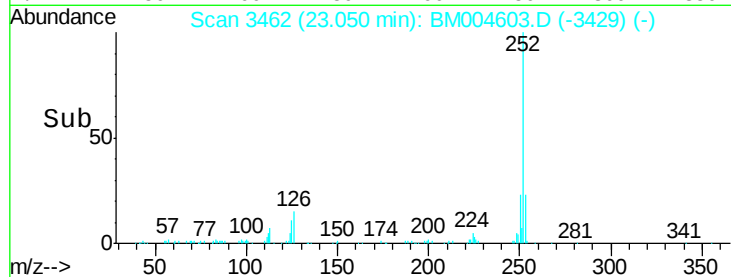
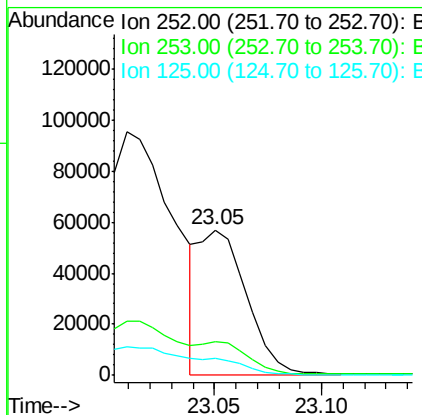
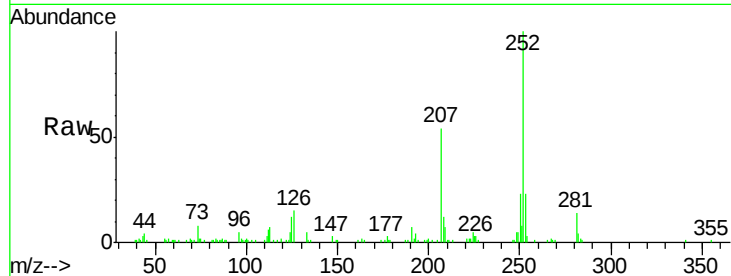
ClientSampleId :

MS-SS-D140

Tgt Ion:	252	Resp:	87969
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.3	25.9
125	11.6	8.2	12.2

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#91

Benzo(a)pyrene

Concen: 5.39 ng/ul

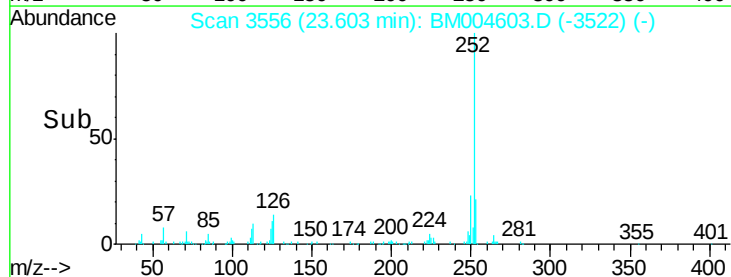
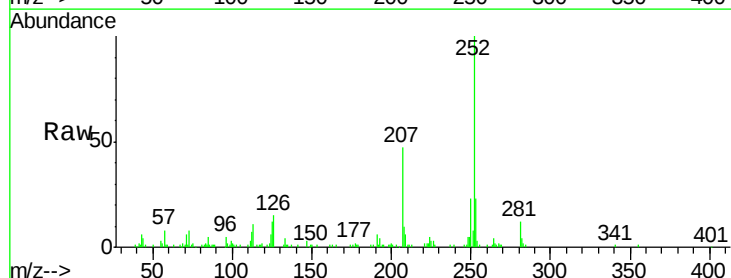
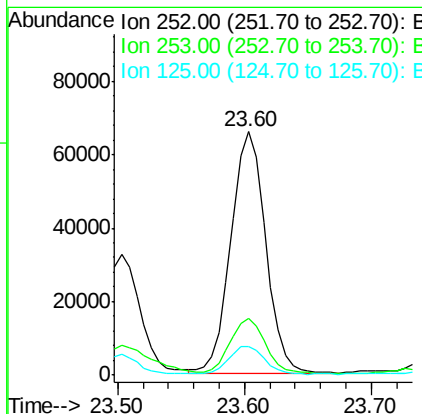
RT: 23.60 min Scan# 3556

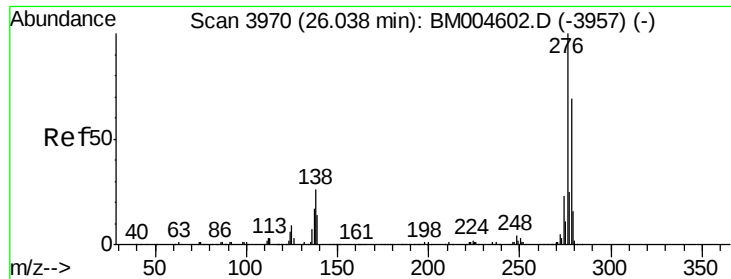
Delta R.T. -0.00 min

Lab File: BM004603.D

Acq: 15 Mar 2016 18:21

Tgt Ion:	252	Resp:	124102
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.2	25.8
125	11.7	9.0	13.6





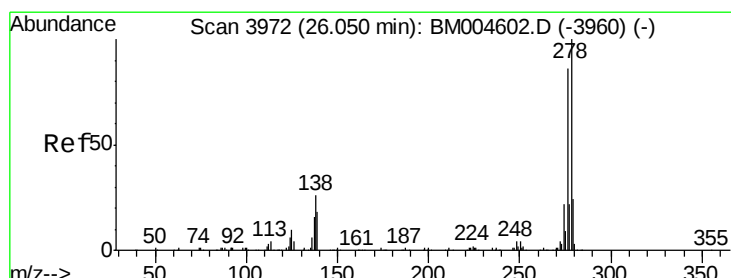
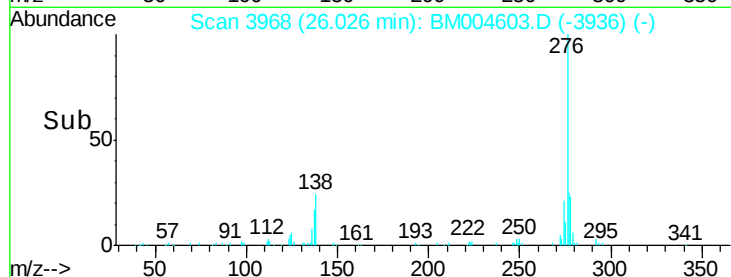
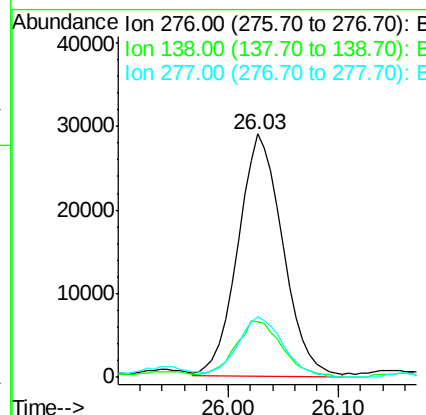
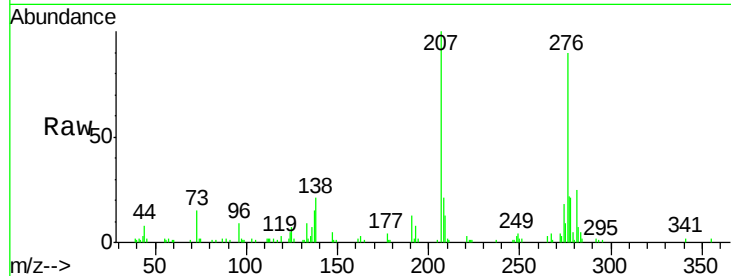
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 3.17 ng/ul
 RT: 26.03 min Scan# 3968
 Delta R.T. -0.01 min
 Lab File: BM004603.D
 Acq: 15 Mar 2016 18:21

Instrument :
 BNA_M
 ClientSampleId :
 MS-SS-D140

Tgt Ion:	276	Resp:	82102
Ion Ratio	Lower	Upper	
276	100		
138	23.0	22.3	33.5
277	24.7	20.2	30.2

Manual Integrations
 APPROVED

Sohil
 3/16/2016 11:06:48 AM



#93
 Dibenzo(a,h)anthracene
 Concen: 1.24 ng/ul m
 RT: 26.04 min Scan# 3970
 Delta R.T. -0.01 min
 Lab File: BM004603.D
 Acq: 15 Mar 2016 18:21

Tgt Ion:	278	Resp:	26561
Ion Ratio	Lower	Upper	
278	100		
139	21.3	13.9	20.9#
279	23.2	19.0	28.4

