

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
 Data File : BM004034.D
 Acq On : 15 Jan 2016 04:53
 Operator : SJ/UM
 Sample : H1099-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9E6

Manual Integrations
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Quant Time: Jan 15 14:08:41 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 00:28:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	39933	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	190698	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	111988	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	238783	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	190667	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	175470	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	2538	2.84	ng/uL	0.00
5) Phenol-d5	6.85	99	63681	19.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	36221	19.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	53371	19.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	48098	17.90	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	26310	18.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	28822	18.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	51566	18.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	57762	15.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	168995	19.22	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	210597	19.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	20935	13.26	ng/ul	0.00
58) Fluorene-d10	15.32	176	149135	20.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	11540	8.57	ng/ul	0.00
71) Anthracene-d10	17.17	188	222633	20.16	ng/ul	0.00
79) Pyrene-d10	19.47	212	222144	22.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	181220	20.68	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.77	163	74620	8.33	ng/ul	99
50) Acenaphthene	14.39	153	8474	1.09	ng/ul	97
59) Fluorene	15.37	166	13736	1.59	ng/ul	97
70) Phenanthrene	17.12	178	338475	25.21	ng/ul	99
72) Anthracene	17.20	178	62643	4.55	ng/ul	100
77) Fluoranthene	19.14	202	436432	31.28	ng/ul	99
80) Pyrene	19.50	202	542732	41.93	ng/ul	97
83) Benzo(a)anthracene	21.26	228	203600	17.93	ng/ul	98
85) Chrysene	21.32	228	218845	20.29	ng/ul	99
88) Benzo(b)fluoranthene	22.84	252	186159	17.45	ng/ul	99
89) Benzo(k)fluoranthene	22.88	252	59727m	5.88	ng/ul	
91) Benzo(a)pyrene	23.41	252	154357	15.26	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.76	276	82328	7.36	ng/ul	97
93) Dibenzo(a,h)anthracene	25.76	278	25586	2.72	ng/ul#	91
94) Benzo(g,h,i)perylene	26.45	276	83458	8.88	ng/ul	99

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

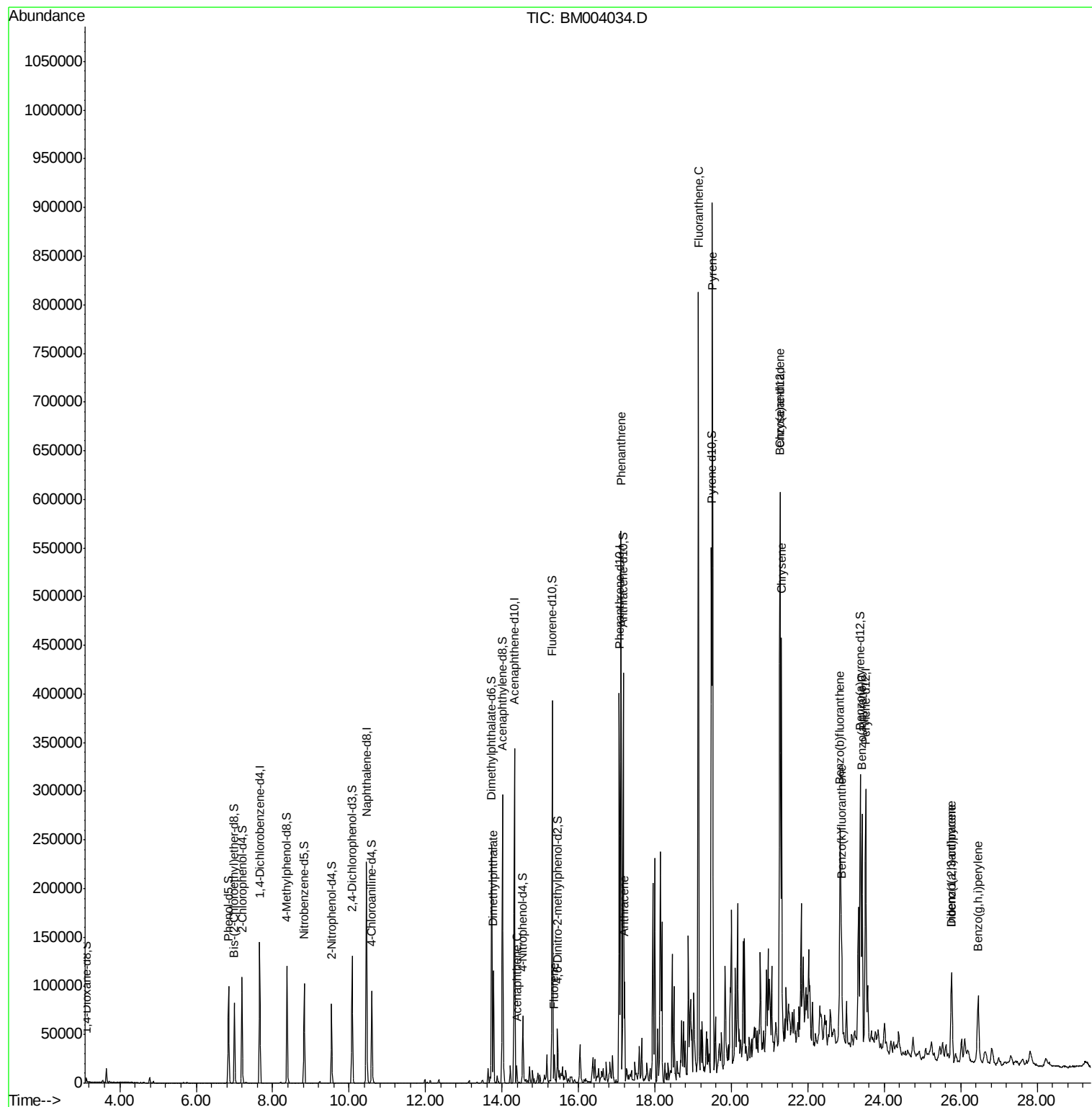
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
Data File : BM004034.D
Acq On : 15 Jan 2016 04:53
Operator : SJ/UM
Sample : H1099-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

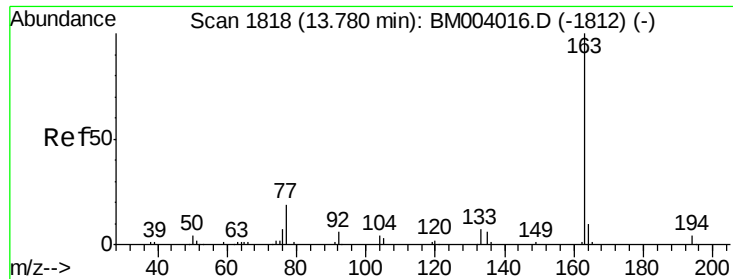
Instrument :
BNA_M
ClientSampleId :
BC9E6

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Quant Time: Jan 15 14:08:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





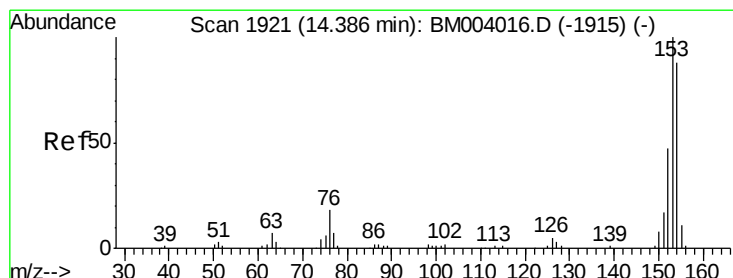
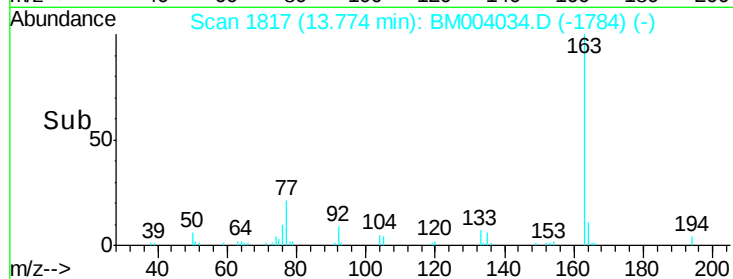
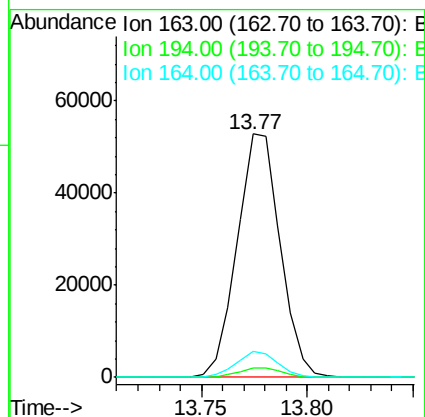
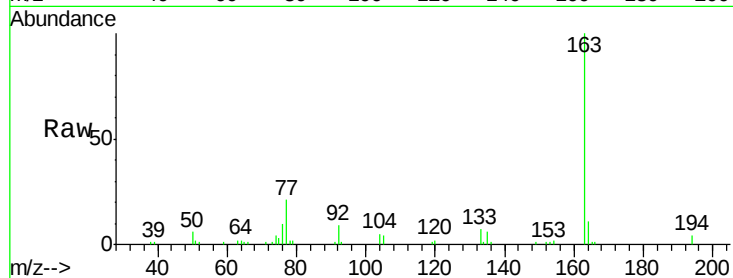
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Dimethylphthalate
Concen: 8.33 ng/ul
RT: 13.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM004034.D
Acq: 15 Jan 2016 04:53

Instrument :
BNA_M
ClientSampleId :
BC9E6

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.5	7.8	11.8

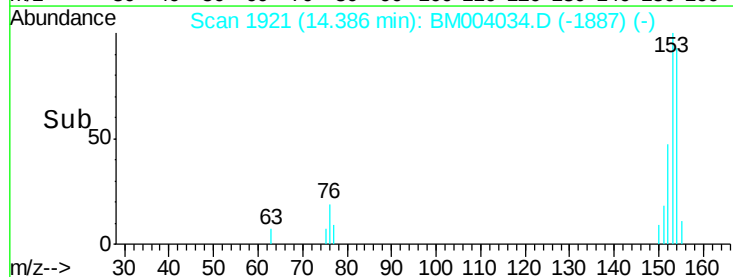
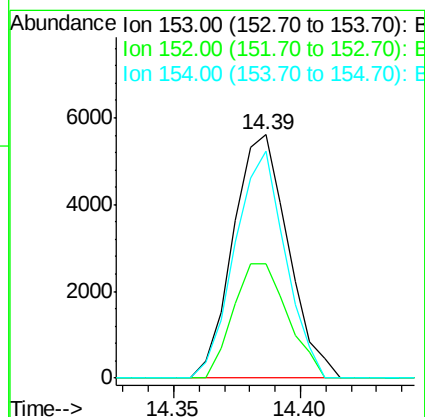
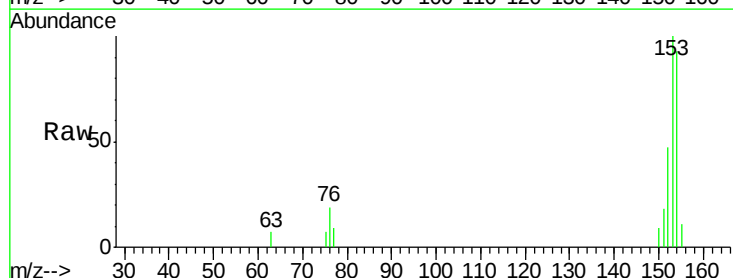
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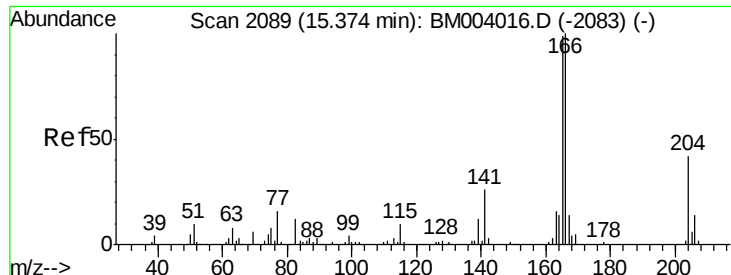
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#50
Acenaphthene
Concen: 1.09 ng/ul
RT: 14.39 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BM004034.D
Acq: 15 Jan 2016 04:53

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.7	38.3	57.5
154	93.1	71.8	107.8





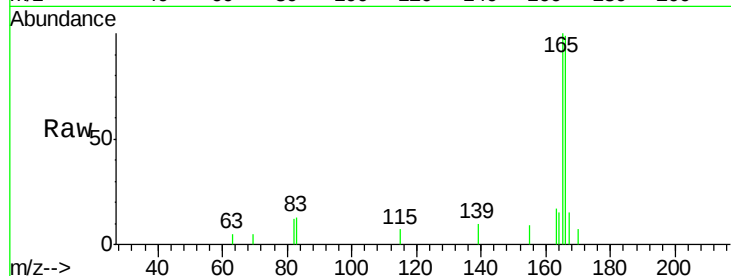
#59
Fluorene
 Concen: 1.59 ng/ul
 RT: 15.37 min Scan# 2089
 Delta R.T. 0.00 min
 Lab File: BM004034.D
 Acq: 15 Jan 2016 04:53

Instrument :
 BNA_M
 ClientSampleId :
 BC9E6

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.5	117.7
167	14.7	10.7	16.1

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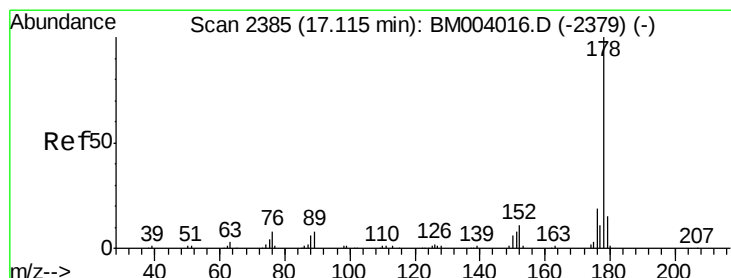
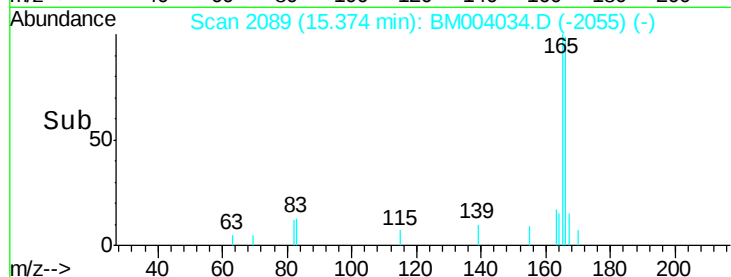
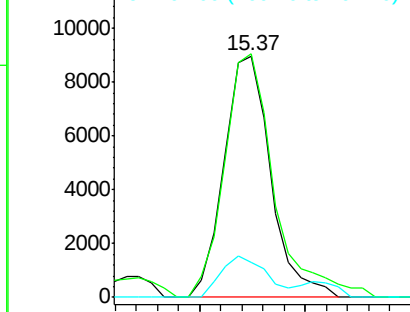


Abundance

Ion 166.00 (165.70 to 166.70): E

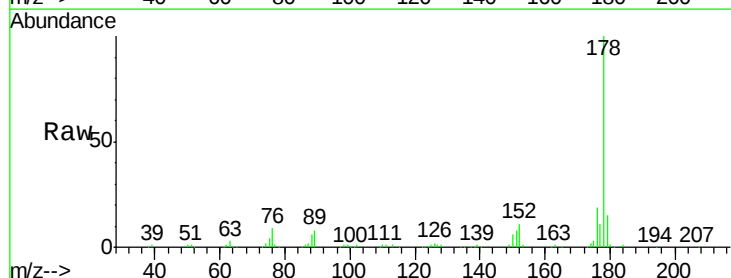
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70
Phenanthrene
 Concen: 25.21 ng/ul
 RT: 17.12 min Scan# 2385
 Delta R.T. 0.00 min
 Lab File: BM004034.D
 Acq: 15 Jan 2016 04:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	18.9	15.6	23.4

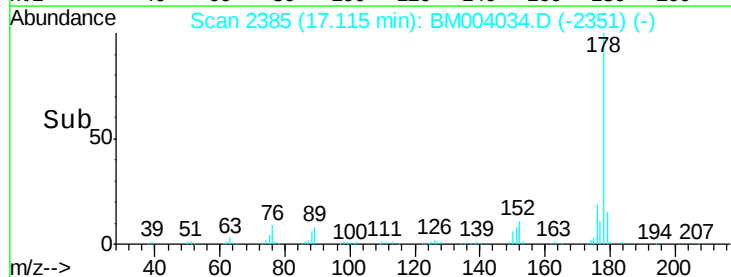
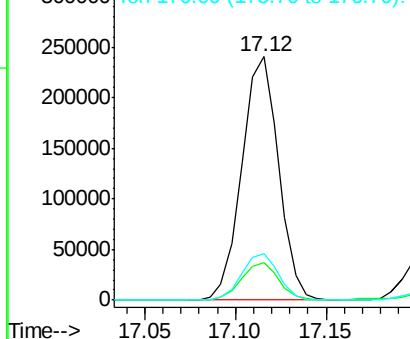


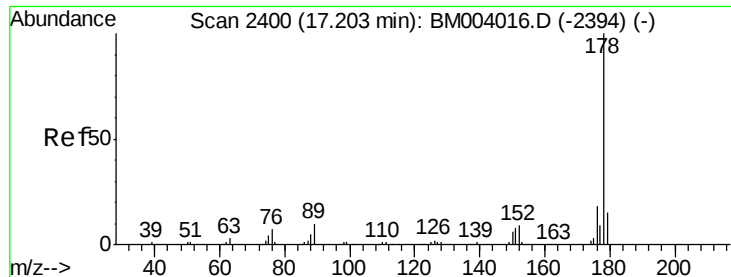
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 4.55 ng/ul

RT: 17.20 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM004034.D

Acq: 15 Jan 2016 04:53

Instrument :

BNA_M

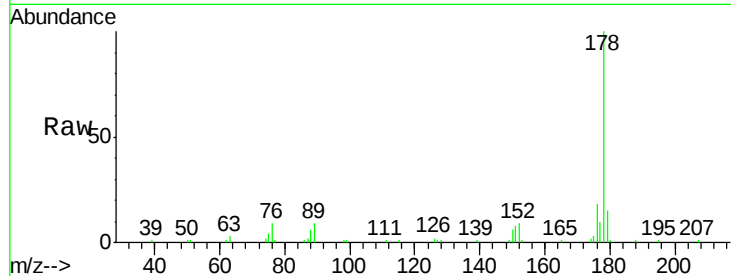
ClientSampleId :

BC9E6

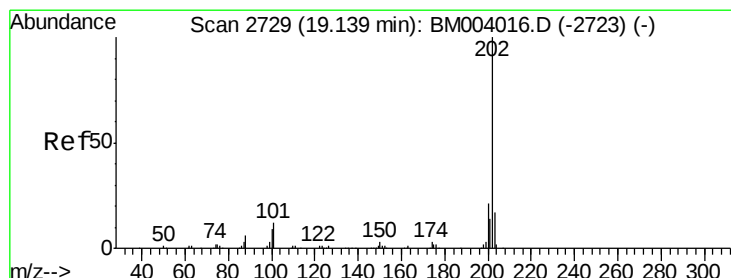
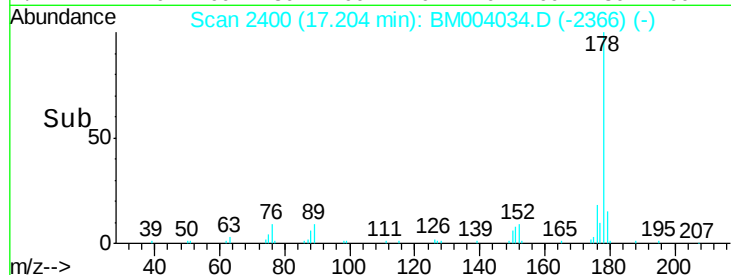
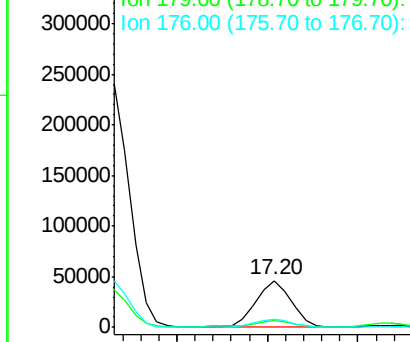
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	18.4	14.8	22.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 31.28 ng/ul

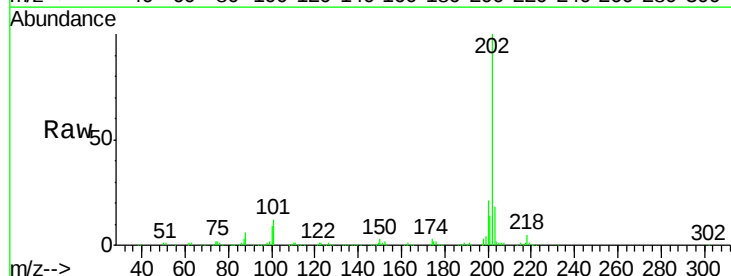
RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

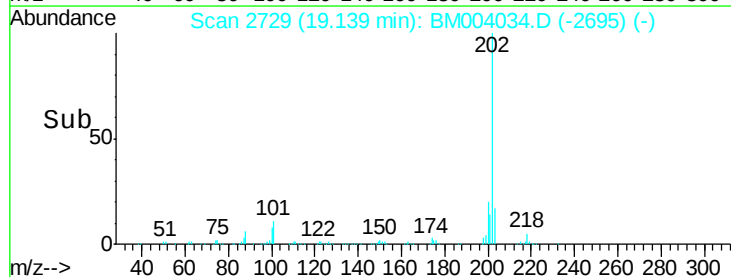
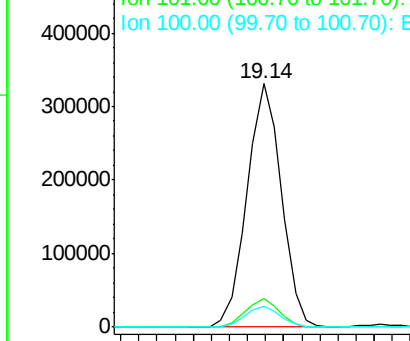
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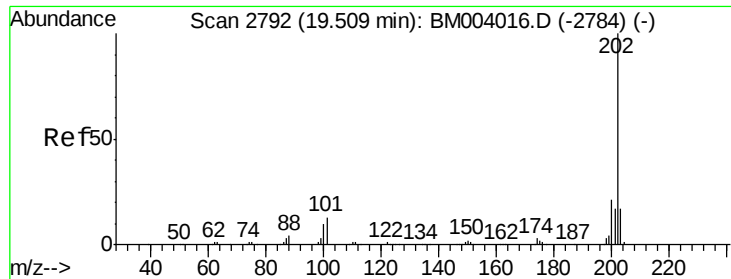
Acq: 15 Jan 2016 04:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.8	13.2
100	8.5	6.6	9.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





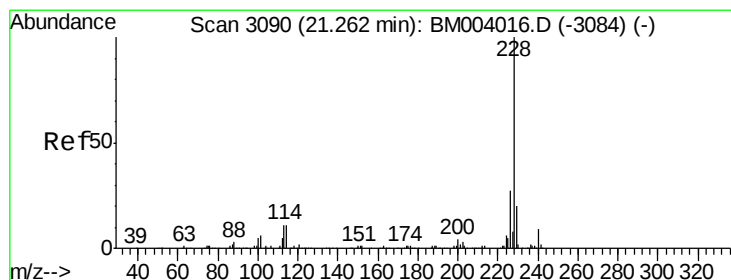
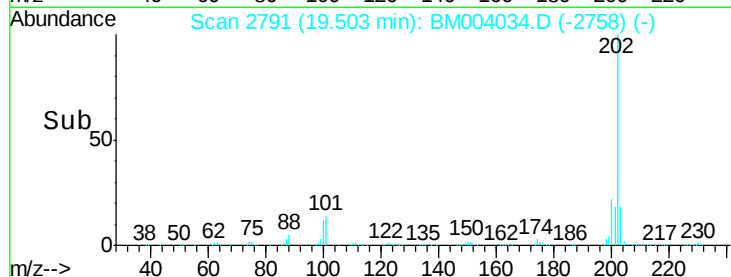
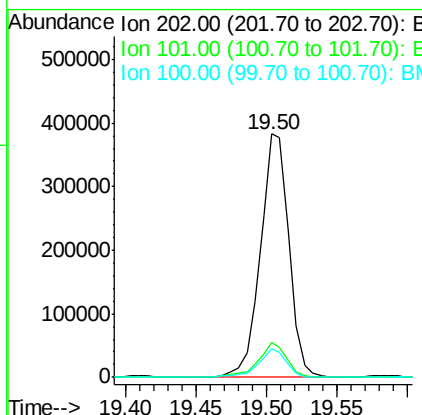
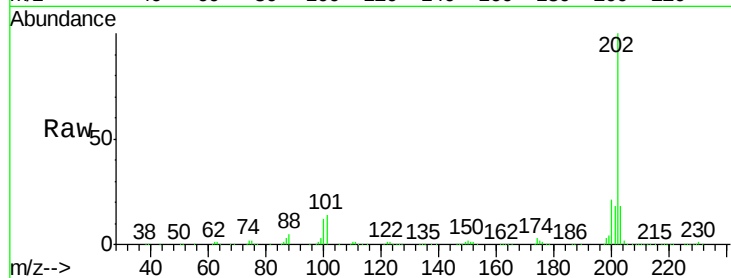
#80
 Pyrene
 Concen: 41.93 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. -0.01 min
 Lab File: BM004034.D
 Acq: 15 Jan 2016 04:53

Instrument :
 BNA_M
 ClientSampleId :
 BC9E6

Tgt Ion:	202	Resp:	542732
Ion Ratio	Lower	Upper	
202	100		
101	14.1	10.2	15.2
100	11.6	8.5	12.7

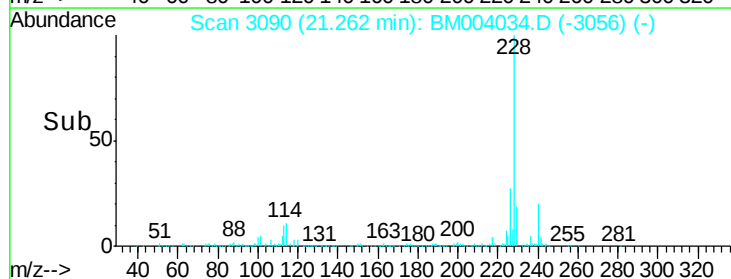
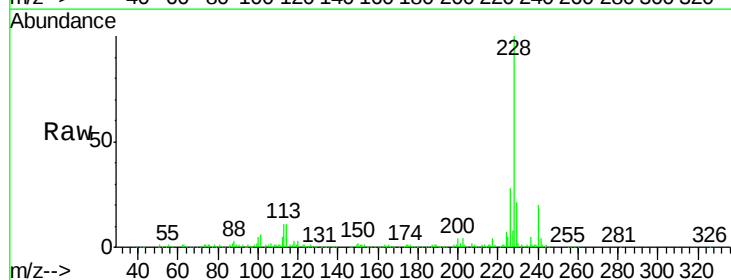
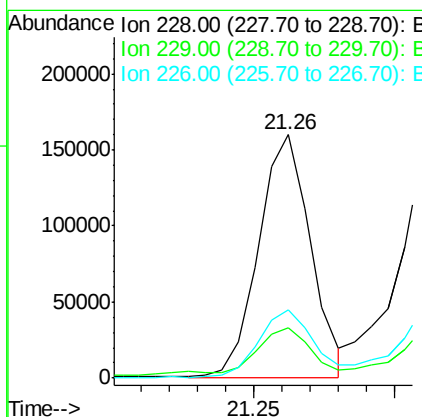
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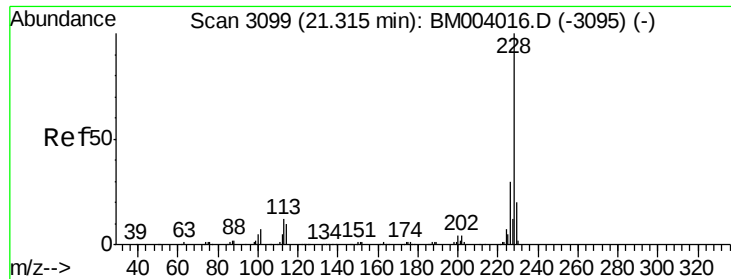
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#83
 Benzo(a)anthracene
 Concen: 17.93 ng/ul
 RT: 21.26 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM004034.D
 Acq: 15 Jan 2016 04:53

Tgt Ion:	228	Resp:	203600
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.7	23.5
226	27.9	21.8	32.6





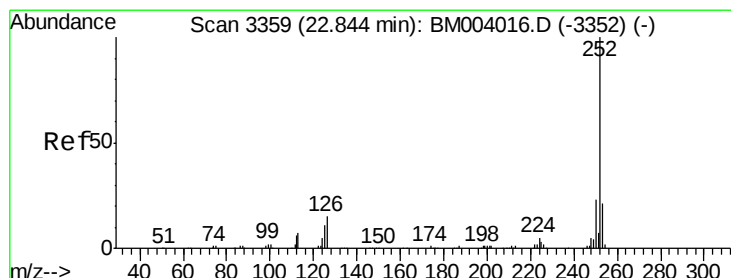
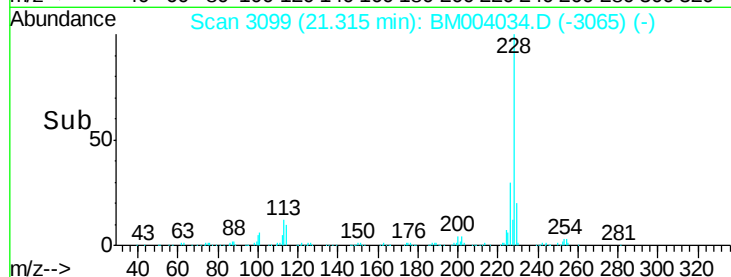
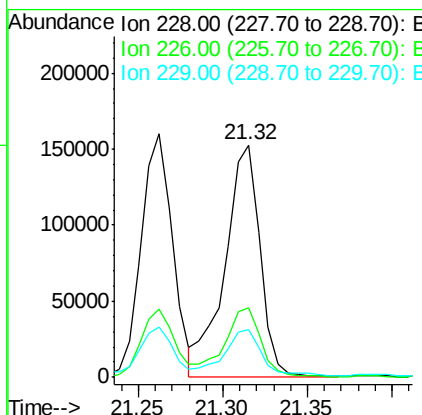
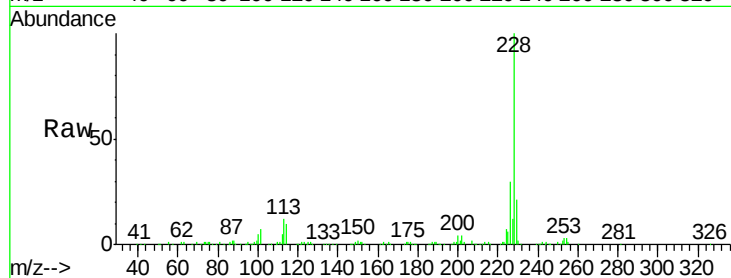
#85
Chrysene
Concen: 20.29 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM004034.D
Acq: 15 Jan 2016 04:53

Instrument :
BNA_M
ClientSampleId :
BC9E6

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	218845		
226	30.1		24.0	36.0
229	20.7		15.6	23.4

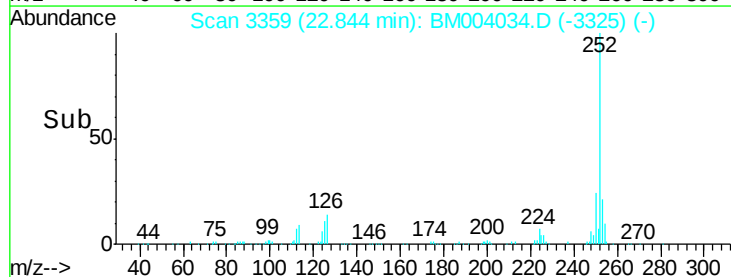
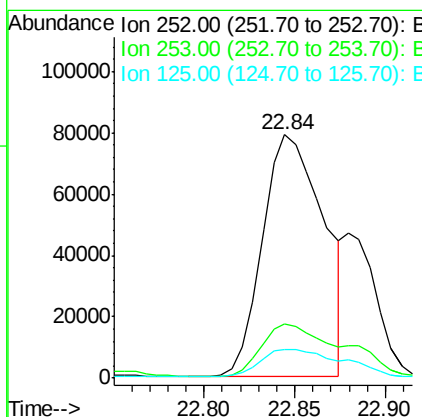
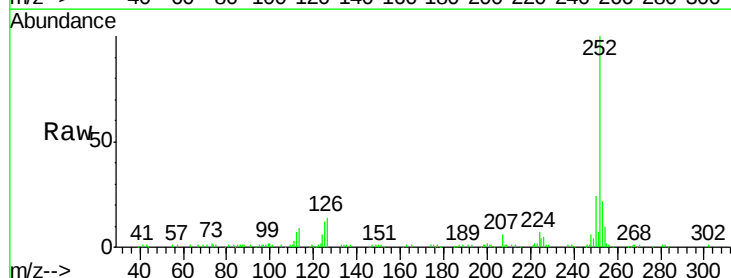
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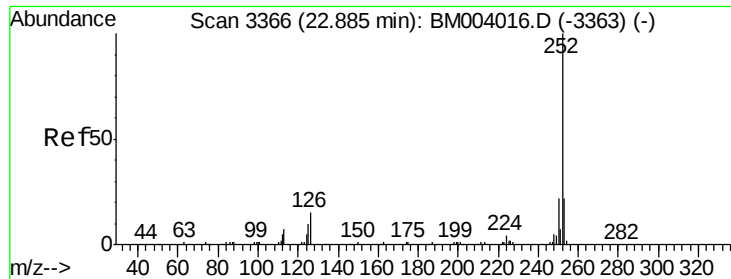
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#88
Benzo(b)fluoranthene
Concen: 17.45 ng/ul
RT: 22.84 min Scan# 3359
Delta R.T. 0.00 min
Lab File: BM004034.D
Acq: 15 Jan 2016 04:53

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	186159		
253	22.0		17.5	26.3
125	11.5		8.5	12.7





#89

Benzo(k)fluoranthene

Concen: 5.88 ng/ul m

RT: 22.88 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BM004034.D

Acq: 15 Jan 2016 04:53

Instrument :

BNA_M

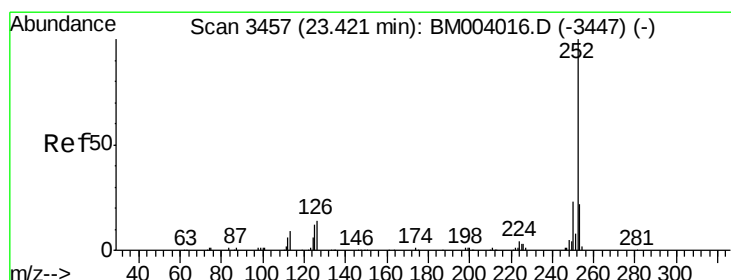
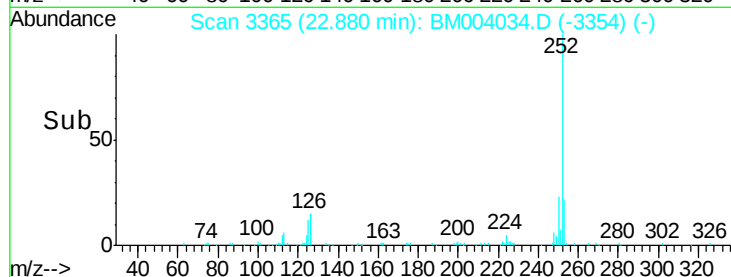
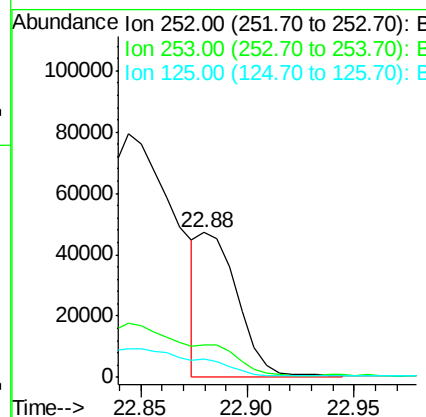
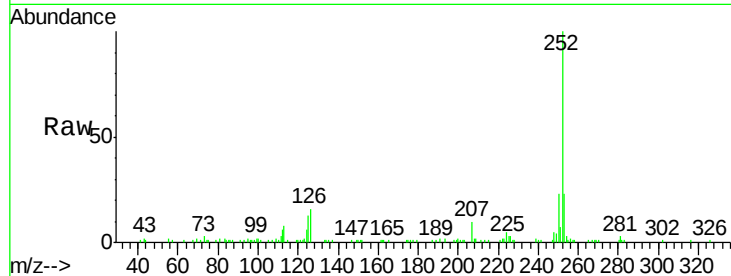
ClientSampleId :

BC9E6

Tgt Ion:	252	Resp:	59727
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.3	25.9
125	12.6	8.2	12.2#

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 15.26 ng/ul

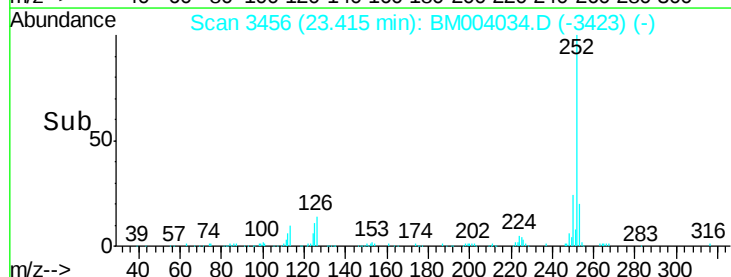
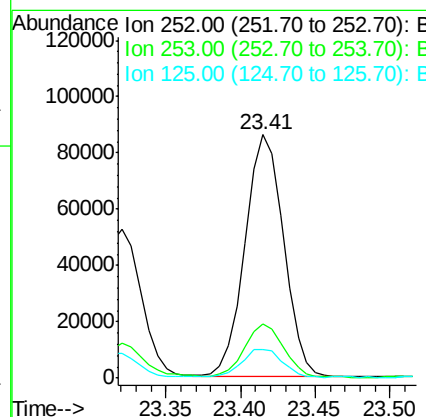
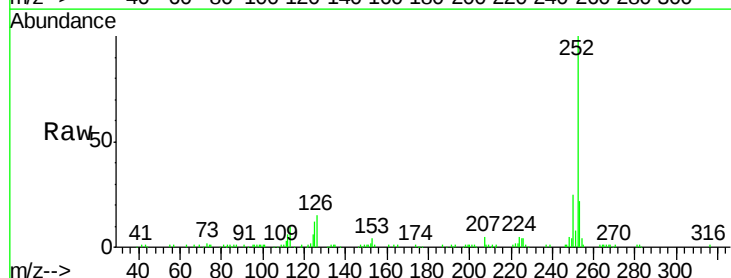
RT: 23.41 min Scan# 3456

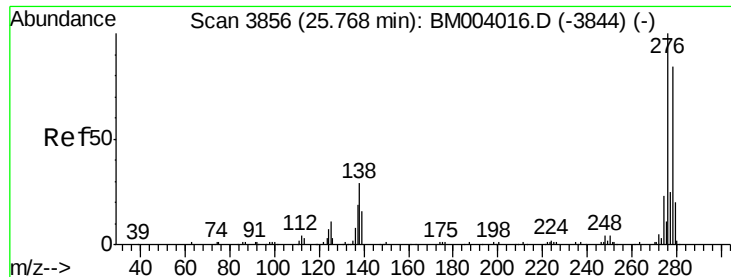
Delta R.T. -0.01 min

Lab File: BM004034.D

Acq: 15 Jan 2016 04:53

Tgt Ion:	252	Resp:	154357
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.2	25.8
125	11.9	9.0	13.6





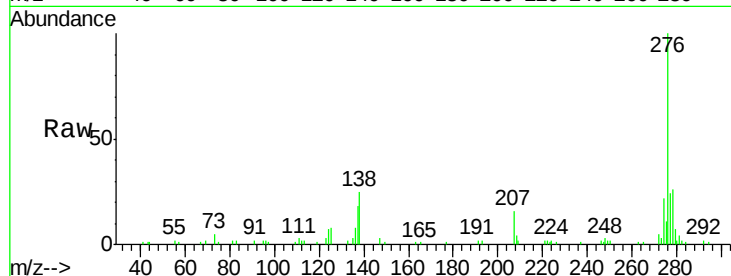
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 Indeno(1,2,3-cd)pyrene
 Concen: 7.36 ng/ul
 RT: 25.76 min Scan# 3854
 Delta R.T. -0.01 min
 Lab File: BM004034.D
 Acq: 15 Jan 2016 04:53

Instrument :
 BNA_M
 ClientSampleId :
 BC9E6

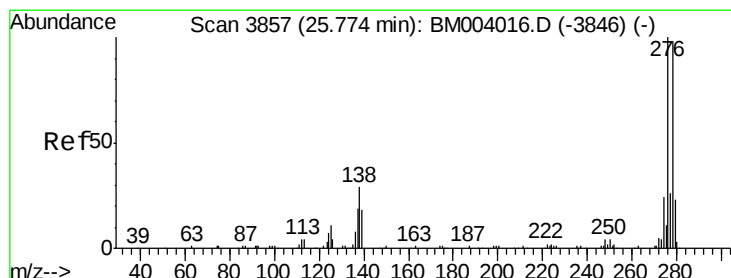
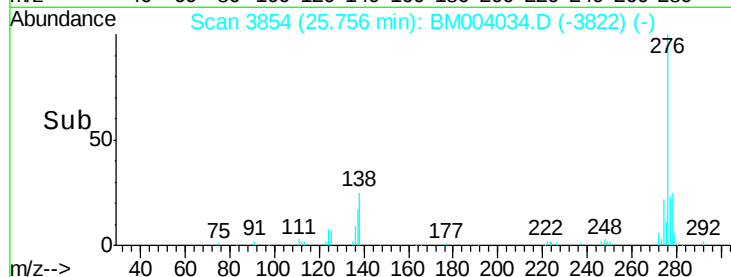
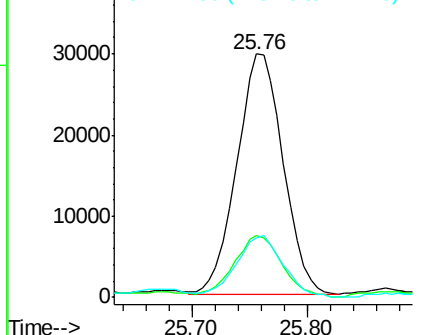
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	22.3	33.5
277	24.3	20.2	30.2

Manual Integrations
 APPROVED

mohammad
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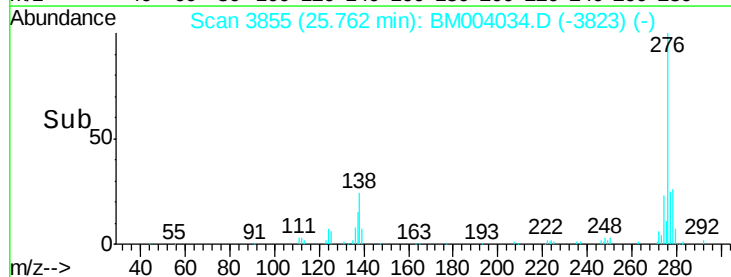
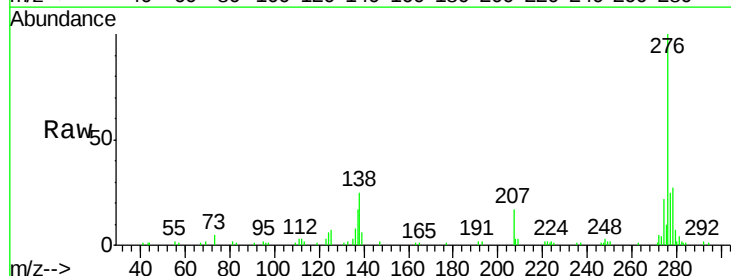
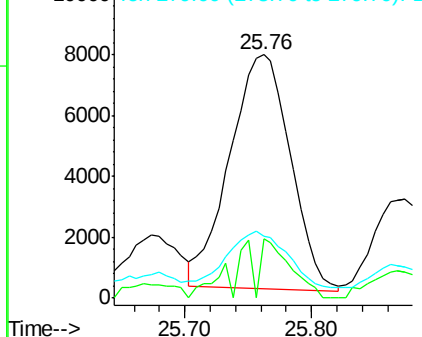
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

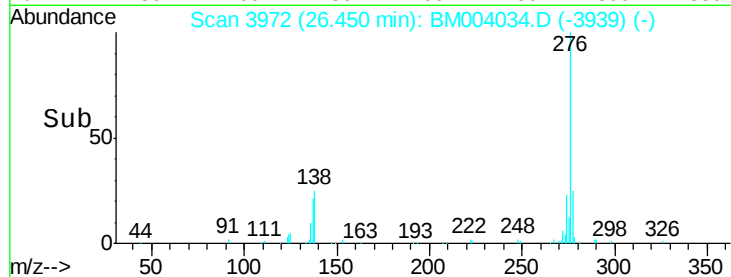
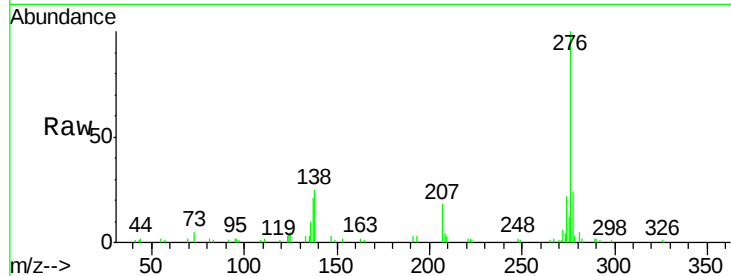
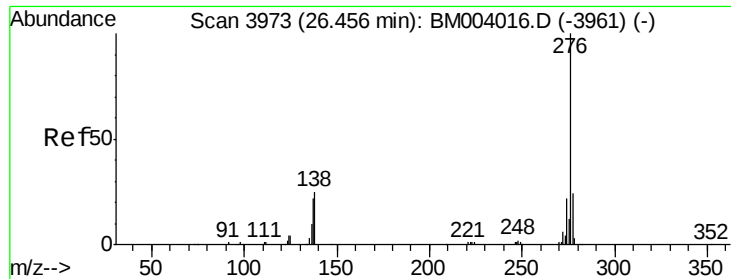


#93
 Dibenzo(a,h)anthracene
 Concen: 2.72 ng/ul
 RT: 25.76 min Scan# 3855
 Delta R.T. -0.01 min
 Lab File: BM004034.D
 Acq: 15 Jan 2016 04:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.2	13.9	20.9#
279	25.5	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 8.88 ng/ul

RT: 26.45 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BM004034.D

Acq: 15 Jan 2016 04:53

Tgt	Ion	276	Resp:	83458
Ion	Ratio	100	Lower	Upper
276	100			
138	24.6	18.9	28.3	
277	24.3	19.2	28.8	

Instrument :

BNA_M

ClientSampleId :

BC9E6

Manual Integrations
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