

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
 Data File : BM004029.D
 Acq On : 15 Jan 2016 01:54
 Operator : SJ/UM
 Sample : H1099-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9A2

Manual Integrations
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Quant Time: Jan 15 13:18:41 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	41430	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	200896	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	117827	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	262845	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	245809	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	202249	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3919	4.23	ng/uL	0.00
5) Phenol-d5	6.84	99	88225	25.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	54227	27.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	76295	26.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	38624	13.86	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	40202	26.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	44630	26.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	72913	24.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	73367	18.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	258093	27.90	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	318549	28.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	36728	22.11	ng/ul	0.00
58) Fluorene-d10	15.32	176	228845	29.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	28039	18.92	ng/ul	0.00
71) Anthracene-d10	17.17	188	343795	28.28	ng/ul	0.00
79) Pyrene-d10	19.47	212	382120	30.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	300388	29.74	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.87	94	4015	1.11	ng/ul	99
14) Acetophenone	8.49	105	8913	2.05	ng/ul	100
45) Dimethylphthalate	13.78	163	134947	14.31	ng/ul	100
70) Phenanthrene	17.12	178	100392	6.79	ng/ul	100
72) Anthracene	17.20	178	18821	1.24	ng/ul	98
77) Fluoranthene	19.14	202	171619	11.17	ng/ul	98
80) Pyrene	19.50	202	206623	12.38	ng/ul	98
83) Benzo(a)anthracene	21.26	228	81148	5.54	ng/ul	98
85) Chrysene	21.32	228	96403	6.93	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	84159	6.84	ng/ul	97
89) Benzo(k)fluoranthene	22.89	252	27078m	2.31	ng/ul	
91) Benzo(a)pyrene	23.41	252	63527	5.45	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.76	276	35580	2.76	ng/ul	98
93) Dibenzo(a,h)anthracene	25.76	278	11468	1.06	ng/ul#	86
94) Benzo(g,h,i)perylene	26.45	276	29145	2.69	ng/ul	99

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

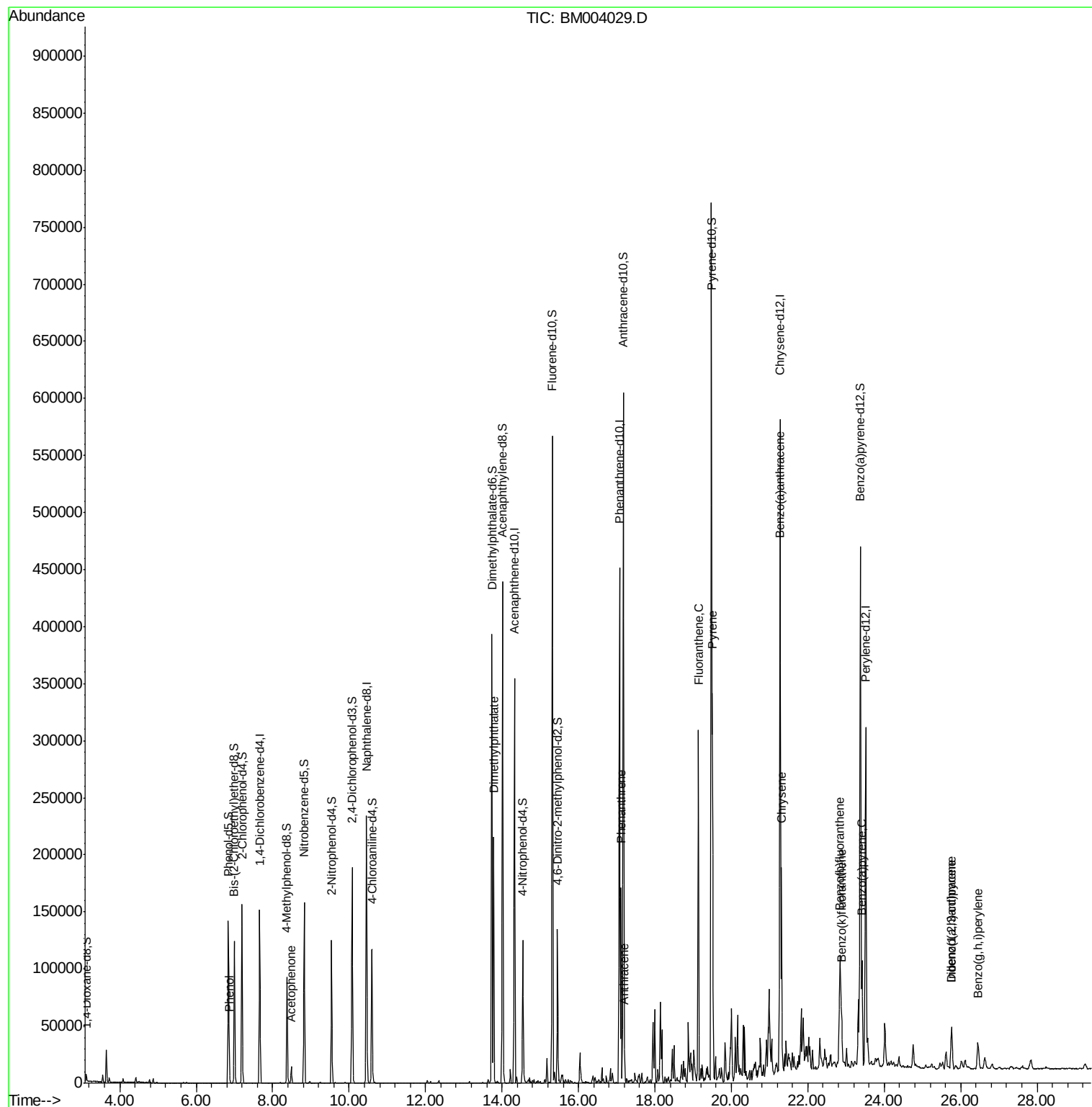
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
Data File : BM004029.D
Acq On : 15 Jan 2016 01:54
Operator : SJ/UM
Sample : H1099-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

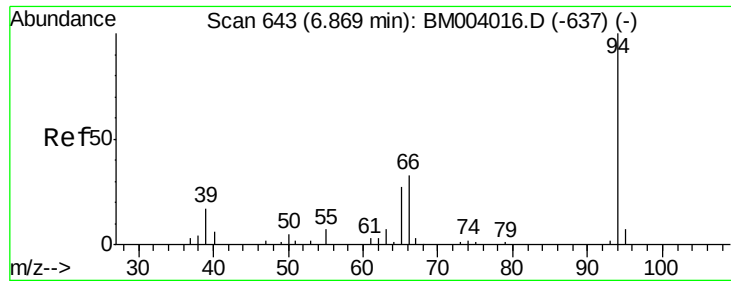
Instrument :
BNA_M
ClientSampleId :
BC9A2

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Quant Time: Jan 15 13:18:41 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





#6

Phenol

Concen: 1.11 ng/ul

RT: 6.87 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM004029.D

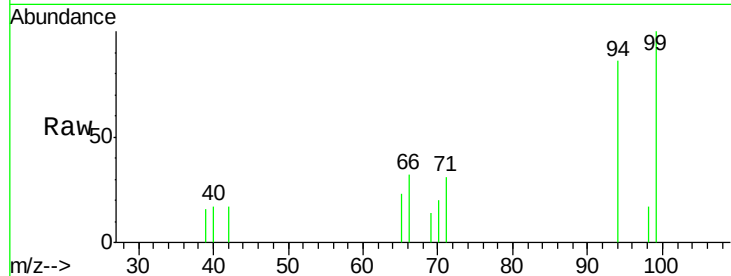
Acq: 15 Jan 2016 01:54

Instrument :

BNA_M

ClientSampleId :

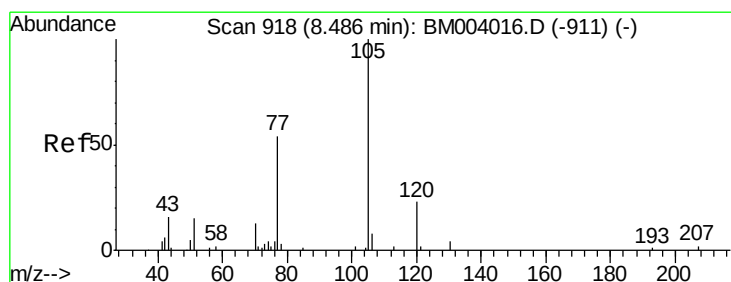
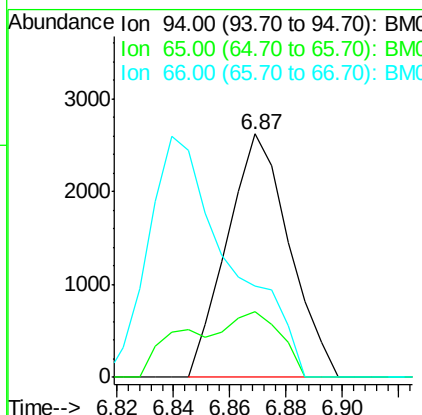
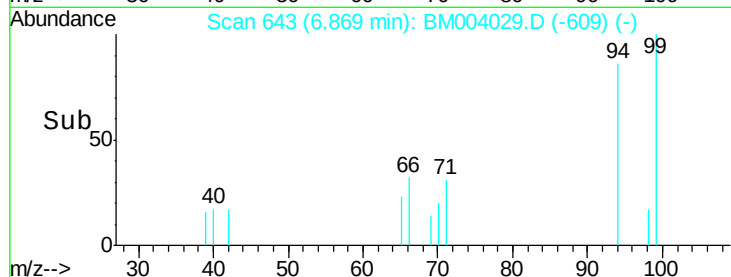
BC9A2



Tgt Ion:	94	Resp:	4015
Ion	Ratio	Lower	Upper
94	100		
65	26.9	21.0	31.6
66	37.6	29.3	43.9

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#14

Acetophenone

Concen: 2.05 ng/ul

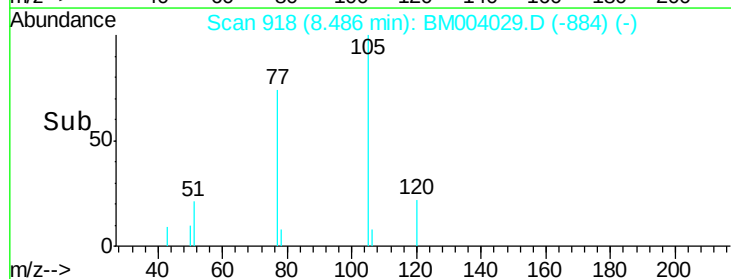
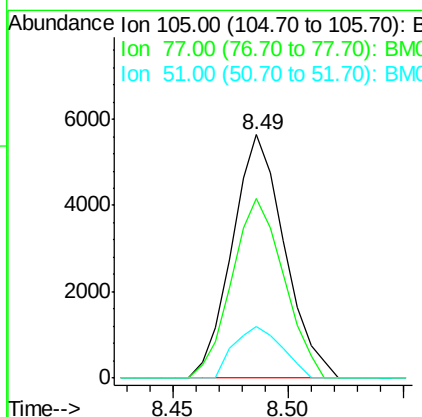
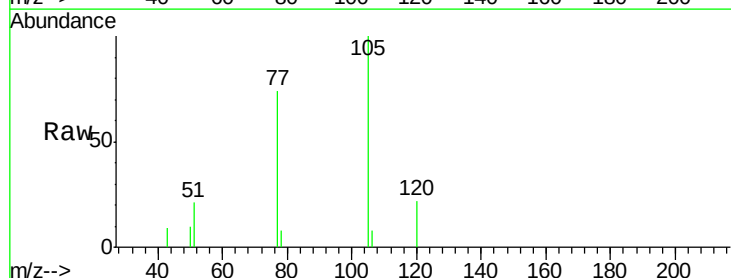
RT: 8.49 min Scan# 918

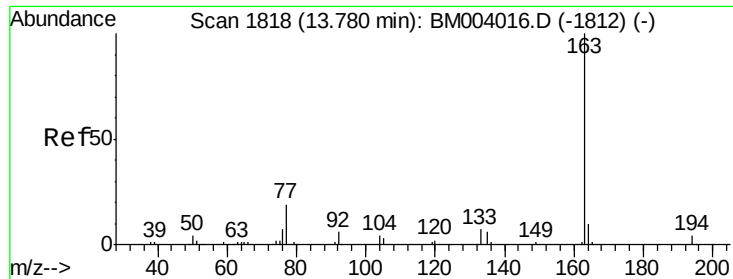
Delta R.T. 0.00 min

Lab File: BM004029.D

Acq: 15 Jan 2016 01:54

Tgt Ion:	105	Resp:	8913
Ion	Ratio	Lower	Upper
105	100		
77	73.8	59.0	88.4
51	21.1	16.4	24.6





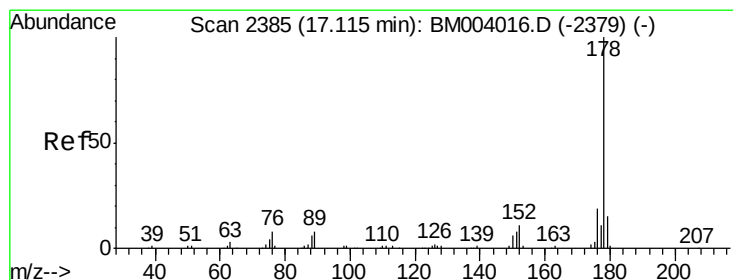
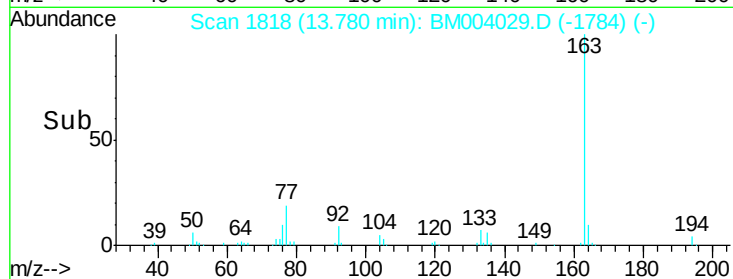
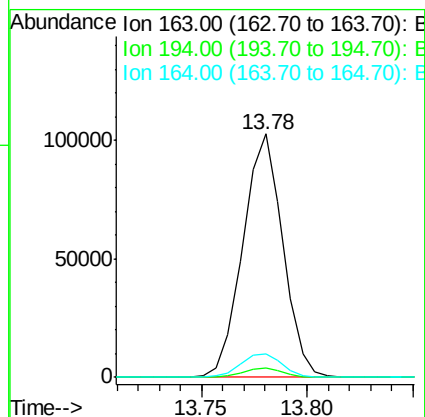
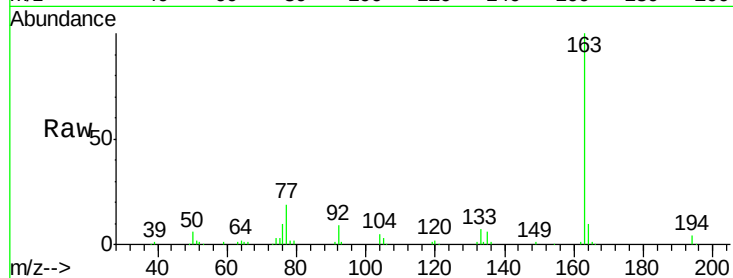
#45
Dimethylphthalate
Concen: 14.31 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM004029.D
Acq: 15 Jan 2016 01:54

Instrument :
BNA_M
ClientSampled :
BC9A2

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	134947		
194	3.8		3.2	4.8
164	9.7		7.8	11.8

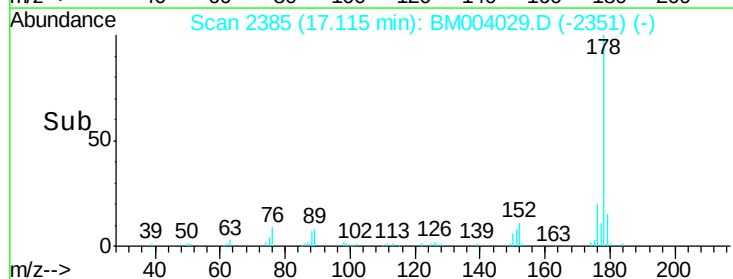
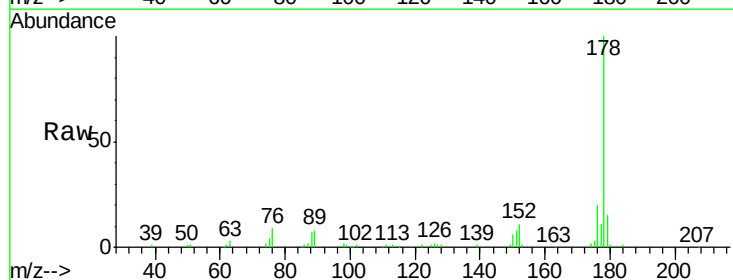
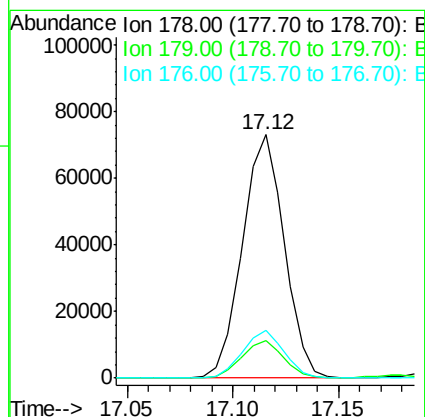
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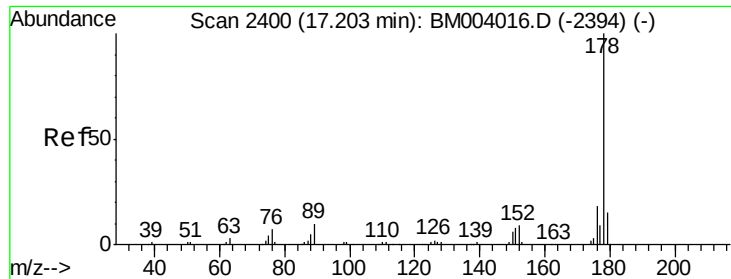
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#70
Phenanthrene
Concen: 6.79 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM004029.D
Acq: 15 Jan 2016 01:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	100392		
179	15.3		12.2	18.4
176	19.5		15.6	23.4





#72

Anthracene

Concen: 1.24 ng/ul

RT: 17.20 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM004029.D

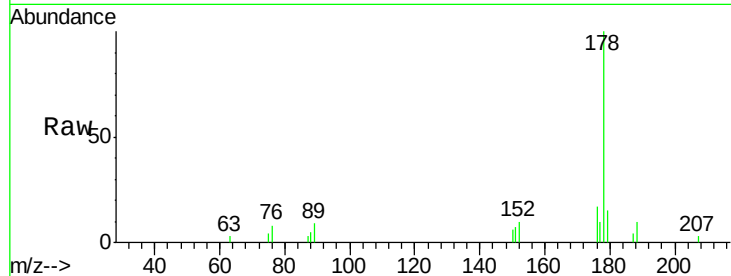
Acq: 15 Jan 2016 01:54

Instrument :

BNA_M

ClientSampled :

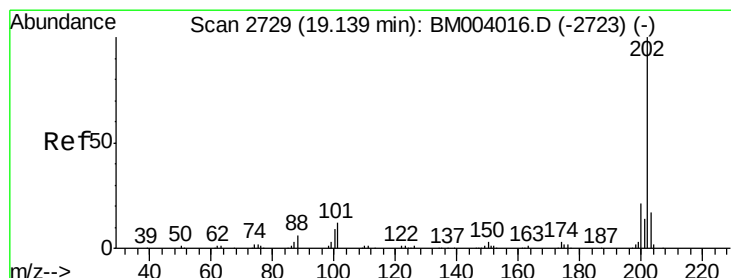
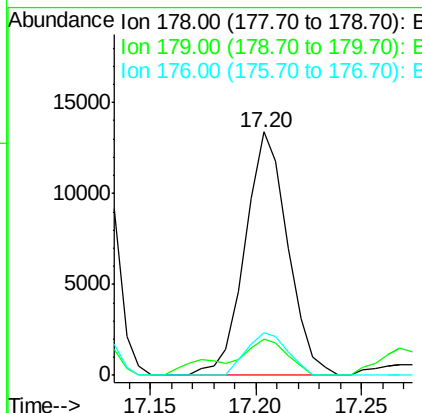
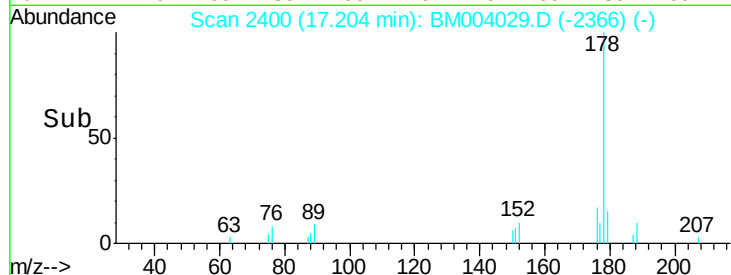
BC9A2



Tgt Ion:	178	Resp:	18821
Ion Ratio	Lower	Upper	
178	100		
179	14.8	12.1	18.1
176	17.3	14.8	22.2

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#77

Fluoranthene

Concen: 11.17 ng/ul

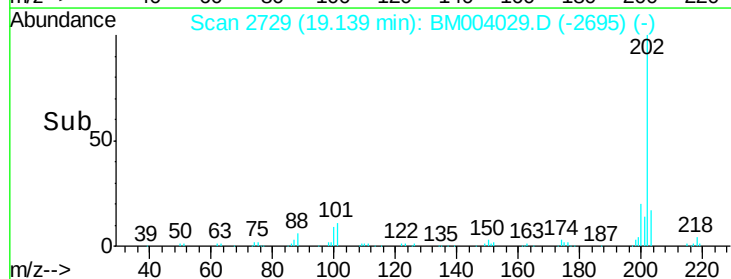
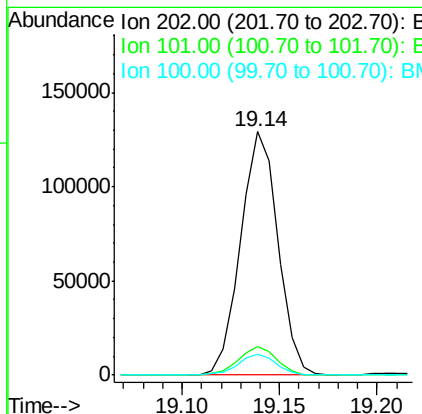
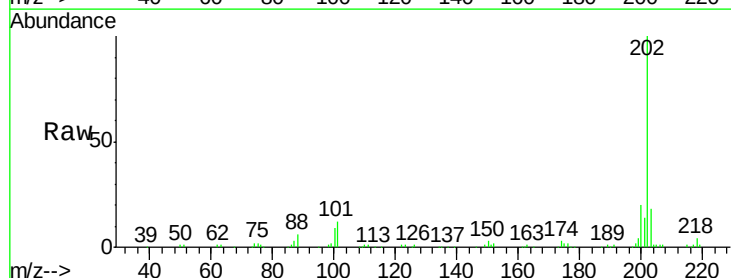
RT: 19.14 min Scan# 2729

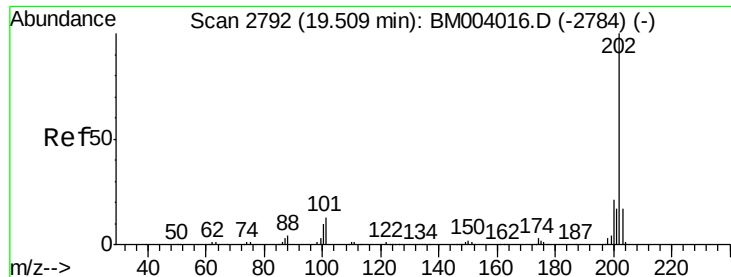
Delta R.T. 0.00 min

Lab File: BM004029.D

Acq: 15 Jan 2016 01:54

Tgt Ion:	202	Resp:	171619
Ion Ratio	Lower	Upper	
202	100		
101	12.0	8.8	13.2
100	8.8	6.6	9.8





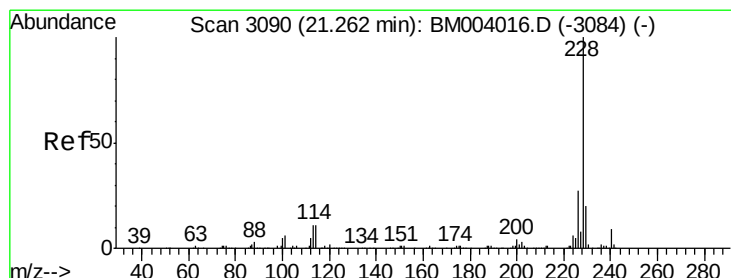
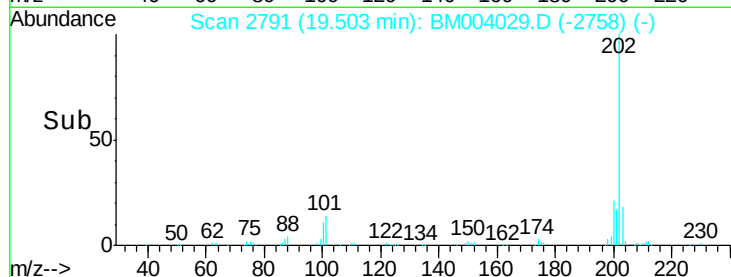
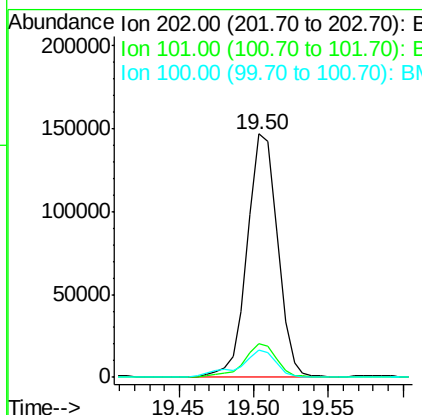
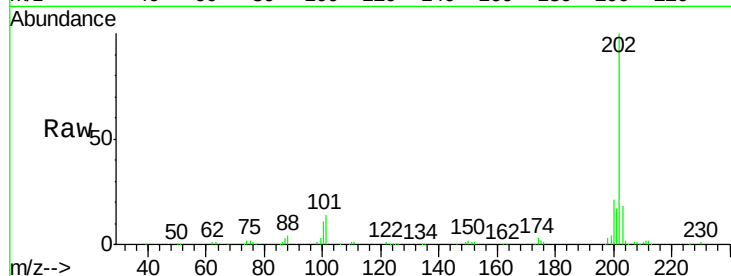
#80
 Pyrene
 Concen: 12.38 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. -0.01 min
 Lab File: BM004029.D
 Acq: 15 Jan 2016 01:54

Instrument :
 BNA_M
 ClientSampleId :
 BC9A2

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	206623		
101	13.6	10.2	15.2	
100	11.3	8.5	12.7	

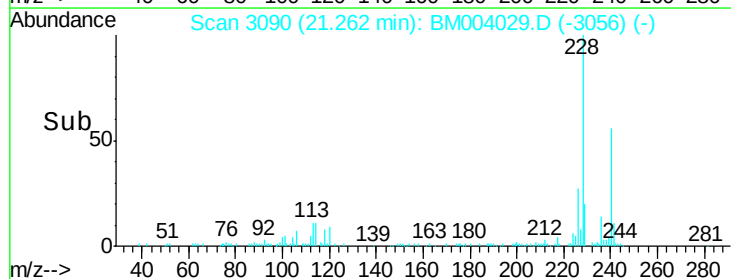
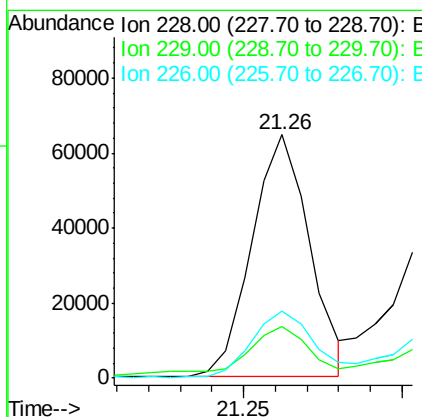
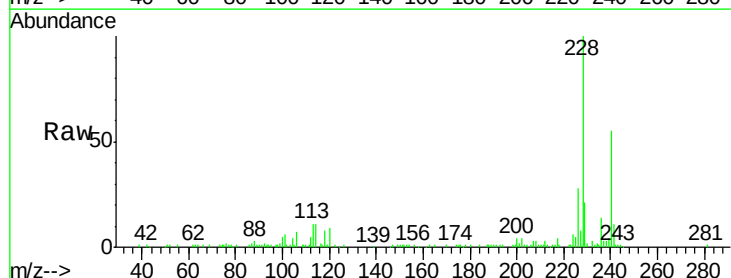
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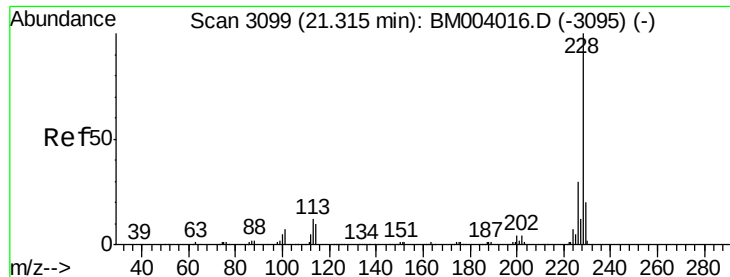
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#83
 Benzo(a)anthracene
 Concen: 5.54 ng/ul
 RT: 21.26 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM004029.D
 Acq: 15 Jan 2016 01:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	81148		
229	21.0	15.7	23.5	
226	27.5	21.8	32.6	





#85

Chrysene

Concen: 6.93 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BM004029.D

Acq: 15 Jan 2016 01:54

Instrument :

BNA_M

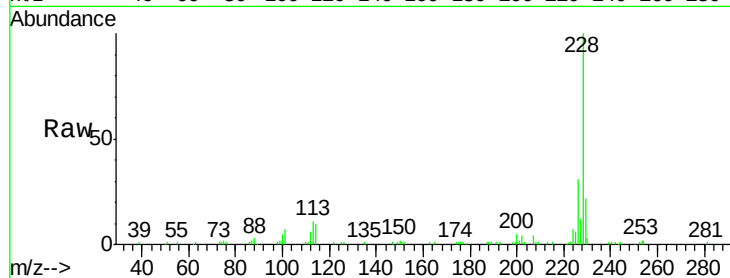
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BC9A2

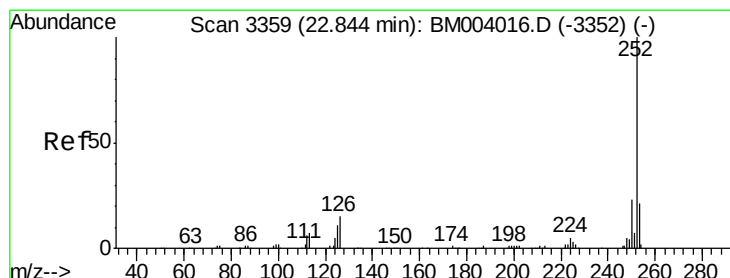
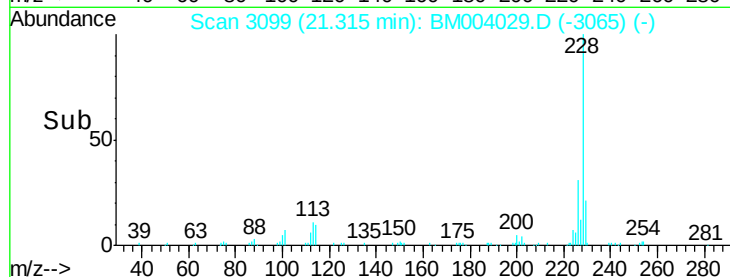
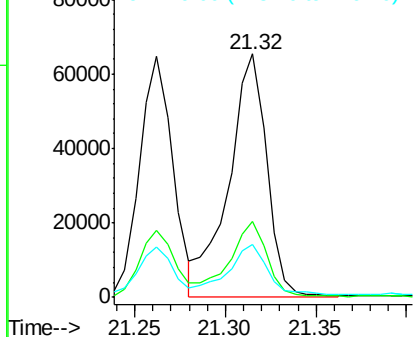
Tgt Ion:	228	Resp:	96403
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.0	36.0
229	21.6	15.6	23.4

Manual Integrations
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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: 6.84 ng/ul

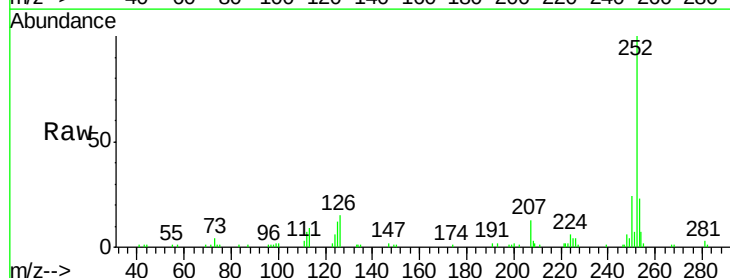
RT: 22.84 min Scan# 3359

Delta R.T. 0.00 min

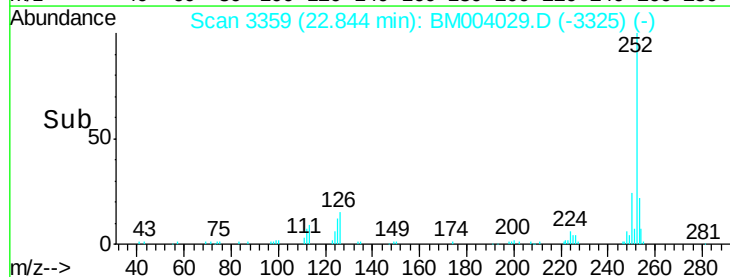
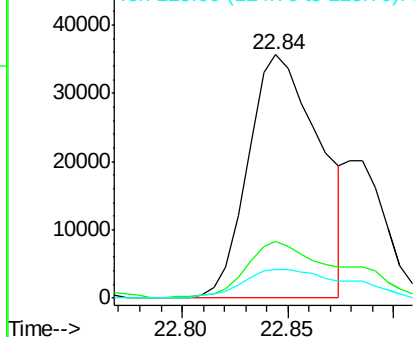
Lab File: BM004029.D

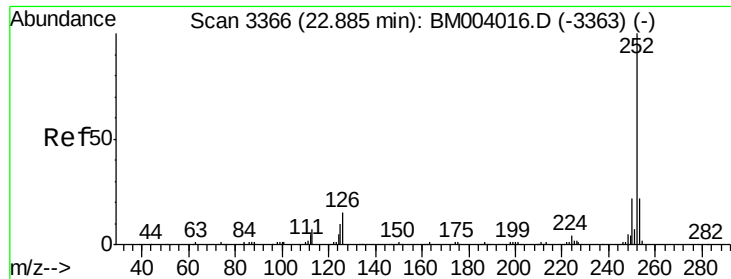
Acq: 15 Jan 2016 01:54

Tgt Ion:	252	Resp:	84159
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.5	26.3
125	11.8	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





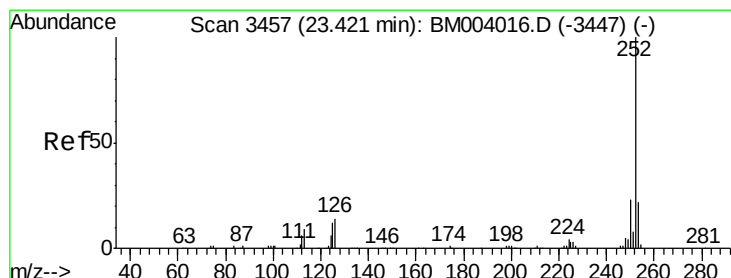
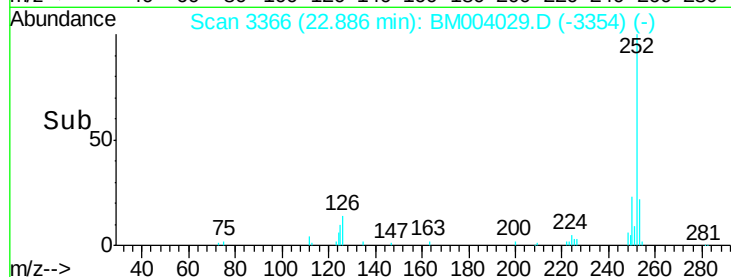
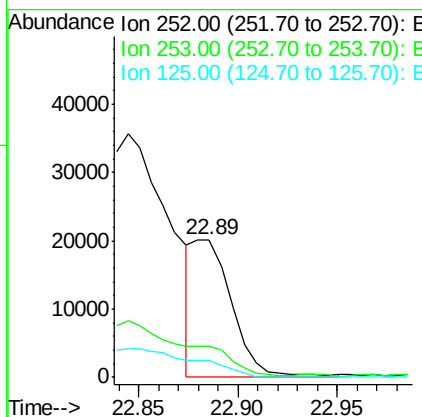
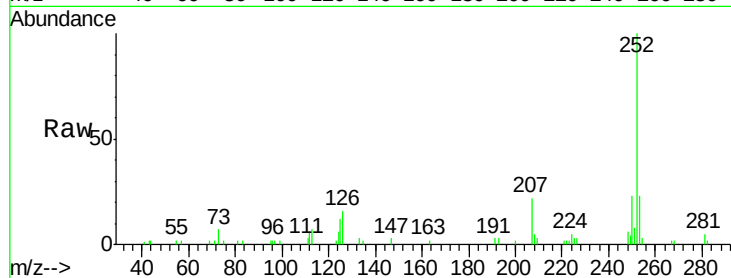
#89
Benzo(k)fluoranthene
Concen: 2.31 ng/ul m
RT: 22.89 min Scan# 3366
Delta R.T. 0.00 min
Lab File: BM004029.D
Acq: 15 Jan 2016 01:54

Instrument :
BNA_M
ClientSampled :
BC9A2

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	27078		
253	22.8	17.3	25.9	
125	12.3	8.2	12.2#	

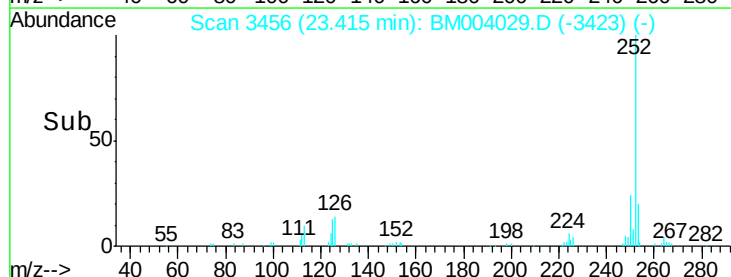
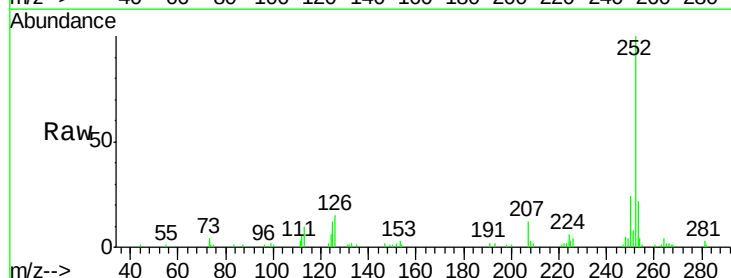
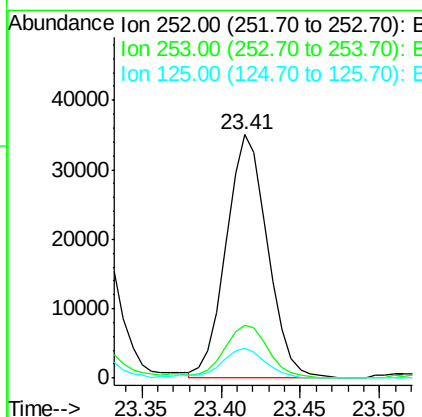
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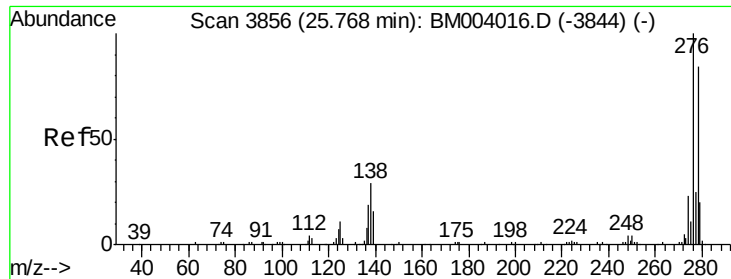
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#91
Benzo(a)pyrene
Concen: 5.45 ng/ul
RT: 23.41 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BM004029.D
Acq: 15 Jan 2016 01:54

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	63527		
253	21.8	17.2	25.8	
125	12.3	9.0	13.6	





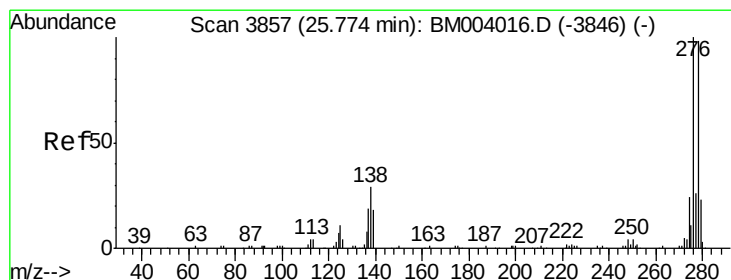
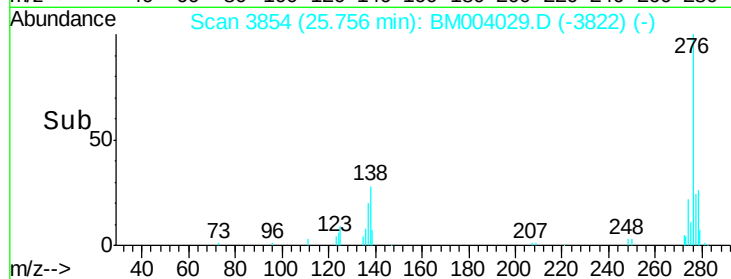
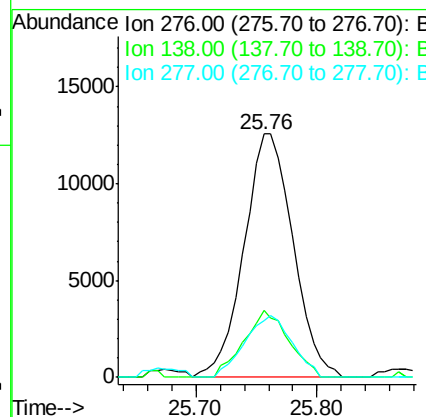
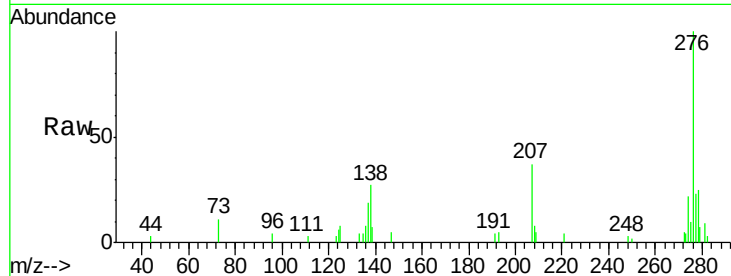
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.76 ng/ul
 RT: 25.76 min Scan# 3854
 Delta R.T. -0.01 min
 Lab File: BM004029.D
 Acq: 15 Jan 2016 01:54

Instrument :
 BNA_M
 ClientSampleId :
 BC9A2

Tgt Ion:	276	Resp:	35580
Ion Ratio	Lower	Upper	
276	100		
138	27.2	22.3	33.5
277	23.4	20.2	30.2

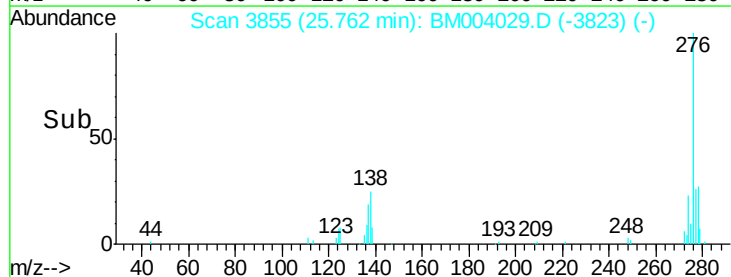
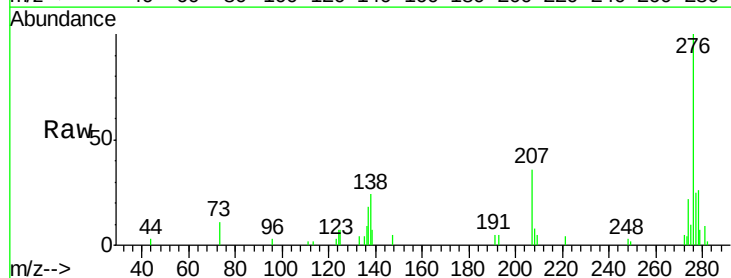
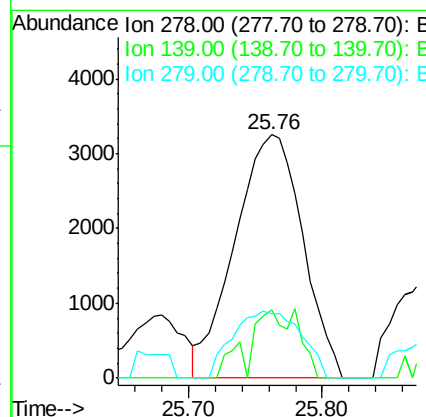
Manual Integrations
 APPROVED

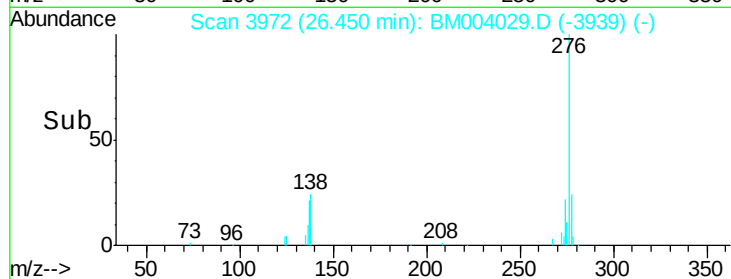
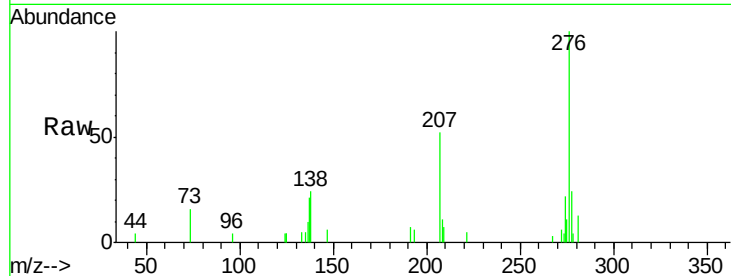
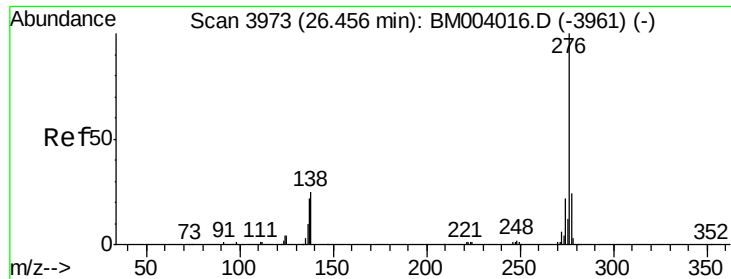
mohammad
 1/15/2016 3:03:12 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 1.06 ng/ul
 RT: 25.76 min Scan# 3855
 Delta R.T. -0.01 min
 Lab File: BM004029.D
 Acq: 15 Jan 2016 01:54

Tgt Ion:	278	Resp:	11468
Ion Ratio	Lower	Upper	
278	100		
139	28.2	13.9	20.9#
279	26.3	19.0	28.4





#94

Benzo(g,h,i)perylene

Concen: 2.69 ng/ul

RT: 26.45 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BM004029.D

Acq: 15 Jan 2016 01:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.9	28.3
277	24.1	19.2	28.8

Instrument :

BNA_M

ClientSampleId :

BC9A2

Manual Integrations
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