

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
 Data File : BM004066.D
 Acq On : 16 Jan 2016 02:13
 Operator : SJ/UM
 Sample : H1100-03 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC984

Manual Integrations
 APPROVED

Sohil
 1/16/2016 5:01:41 AM

Quant Time: Jan 16 04:13:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 16 03:00:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	36027	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	171899	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	99635	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	217706	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	189568	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	171209	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	408	0.51	ng/uL	0.00
5) Phenol-d5	6.85	99	14074	4.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	7784	4.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	11900	4.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	11278	4.65	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	5486	4.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	6029	4.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	11175	4.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	4186	1.26	ng/ul	0.01
44) Dimethylphthalate-d6	13.73	166	39070	4.99	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	48242	5.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	2990	2.13	ng/ul	0.00
58) Fluorene-d10	15.32	176	35758	5.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	1597	1.30	ng/ul	0.00
71) Anthracene-d10	17.17	188	53609	5.32	ng/ul	0.00
79) Pyrene-d10	19.47	212	54987	5.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	45370	5.31	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	10.50	128	14541	1.62 ng/ul	100
45) Dimethylphthalate	13.78	163	17732	2.22 ng/ul	100
48) Acenaphthylene	14.04	152	28133	2.69 ng/ul	98
59) Fluorene	15.37	166	12168	1.59 ng/ul	99
70) Phenanthrene	17.12	178	237813	19.43 ng/ul	99
72) Anthracene	17.20	178	58791	4.68 ng/ul	99
75) Carbazole	17.48	167	18074	1.64 ng/ul	97
77) Fluoranthene	19.14	202	391998	30.81 ng/ul	98
80) Pyrene	19.50	202	465959	36.21 ng/ul	98
83) Benzo(a)anthracene	21.26	228	182593	16.18 ng/ul	96
85) Chrysene	21.32	228	205701	19.18 ng/ul	98
88) Benzo(b)fluoranthene	22.85	252	210042	20.18 ng/ul	98
89) Benzo(k)fluoranthene	22.89	252	70510m	7.12 ng/ul	
91) Benzo(a)pyrene	23.42	252	164007	16.62 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.77	276	96995	8.88 ng/ul	97
93) Dibenzo(a,h)anthracene	25.77	278	28293	3.08 ng/ul#	87
94) Benzo(g,h,i)perylene	26.46	276	87615	9.56 ng/ul	99

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

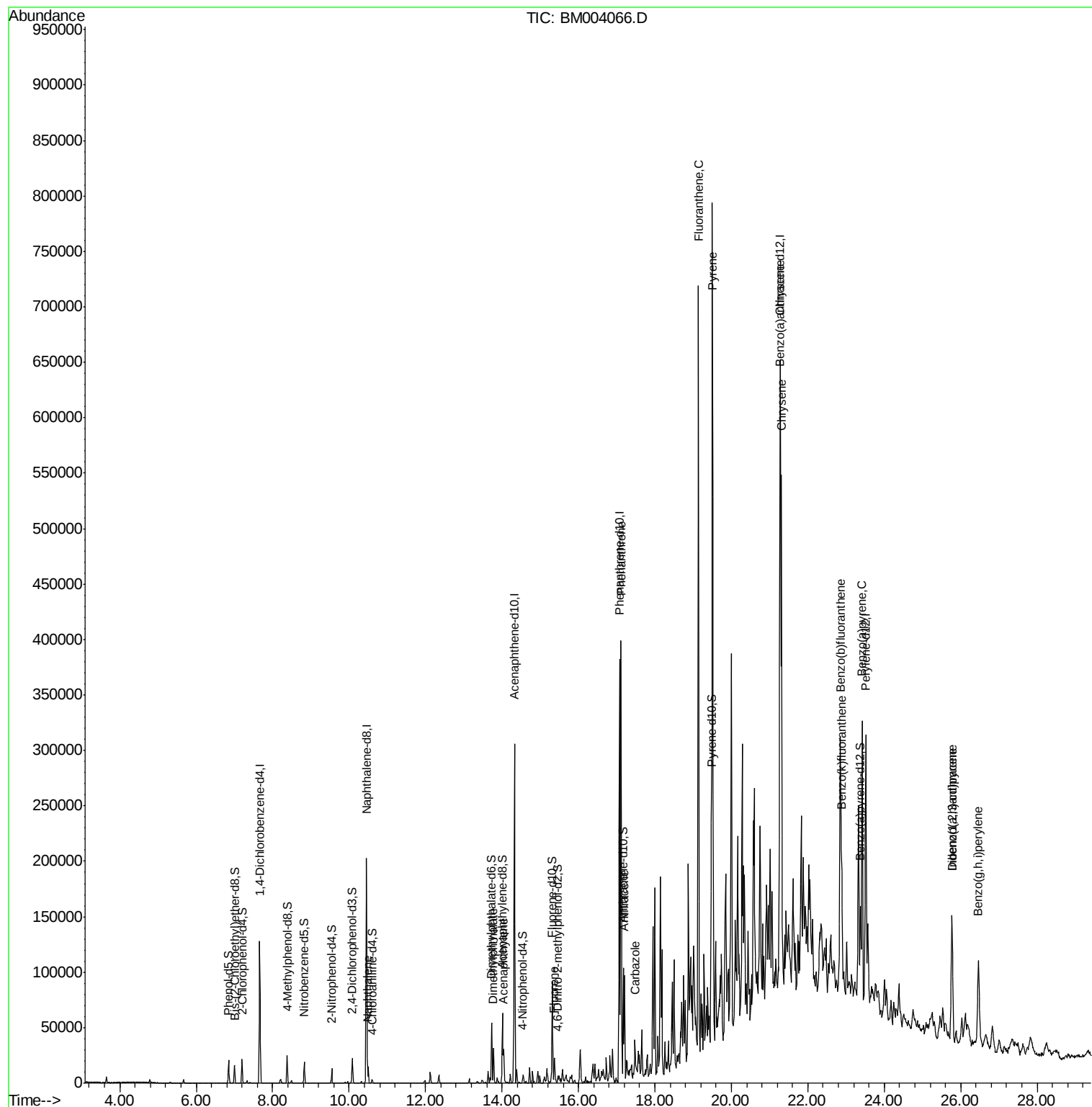
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004066.D
Acq On : 16 Jan 2016 02:13
Operator : SJ/UM
Sample : H1100-03 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

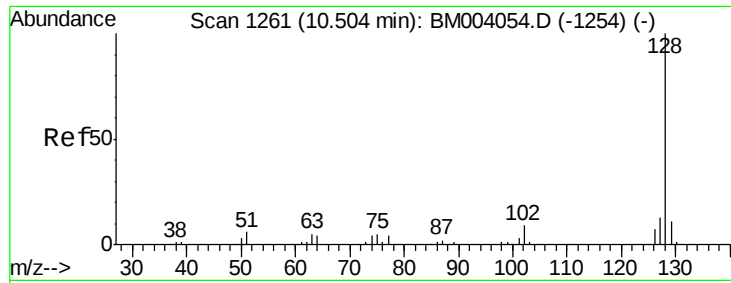
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
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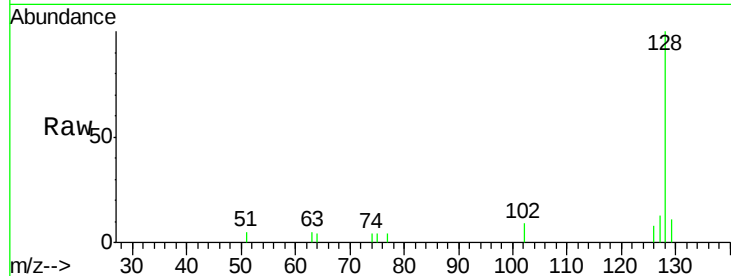
#28
Naphthalene
Concen: 1.62 ng/ul
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM004066.D
Acq: 16 Jan 2016 02:13

Instrument :
BNA_M
ClientSampleId :
BC984

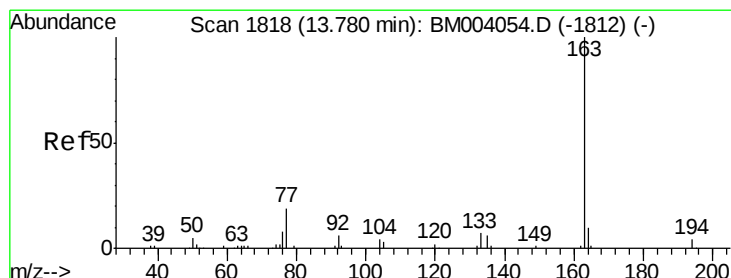
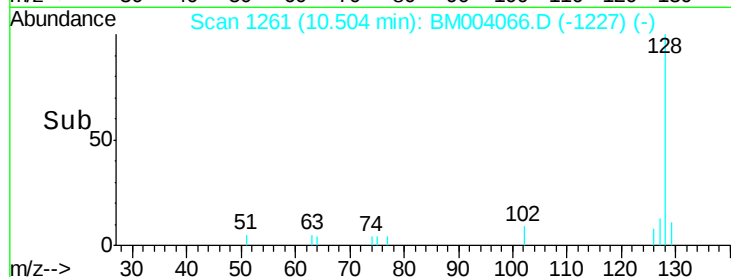
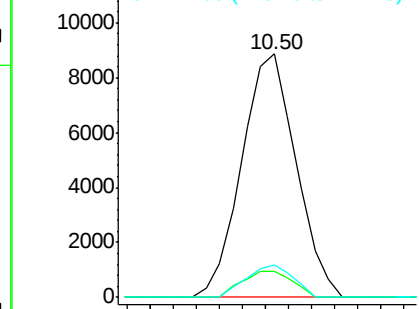
Tgt Ion	Ratio	Lower	Upper
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129	10.8	8.8	13.2
127	13.3	10.5	15.7

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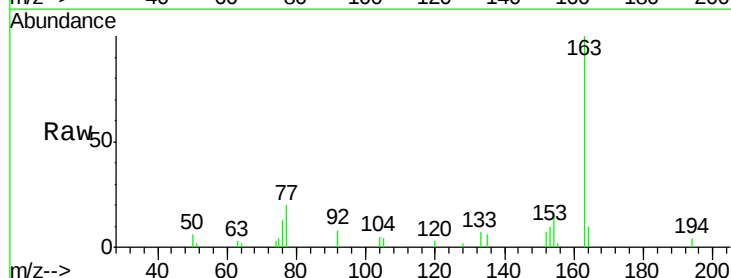


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Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

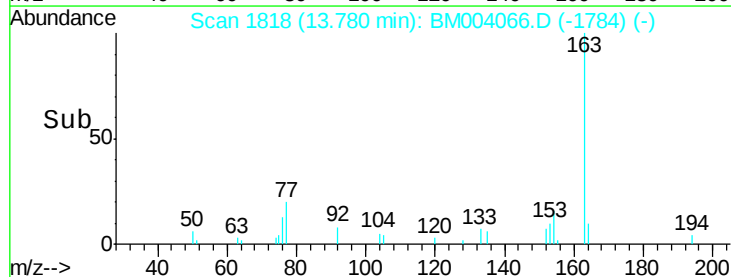
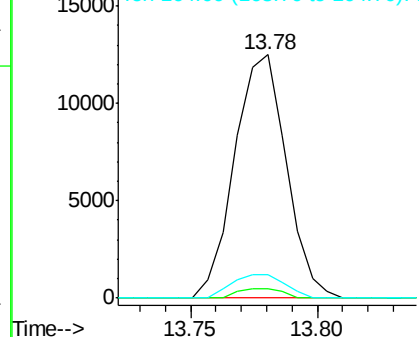


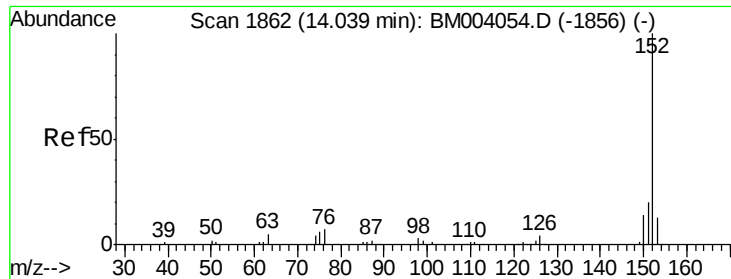
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Dimethylphthalate
Concen: 2.22 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM004066.D
Acq: 16 Jan 2016 02:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.9	7.8	11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





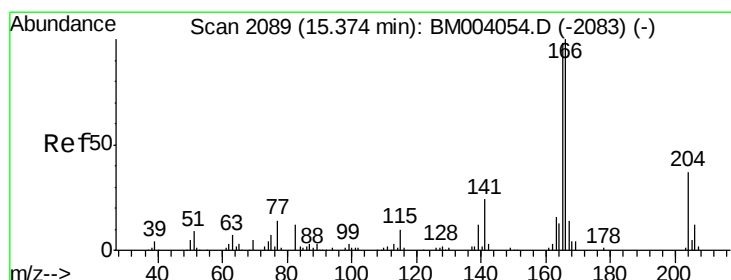
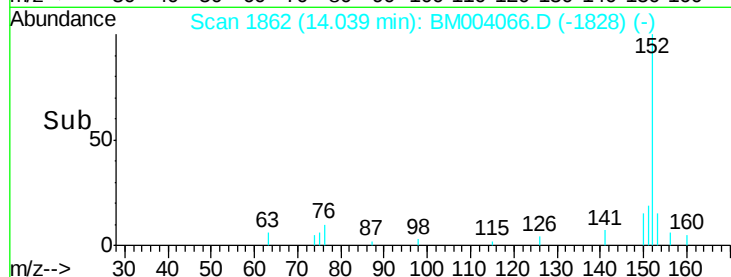
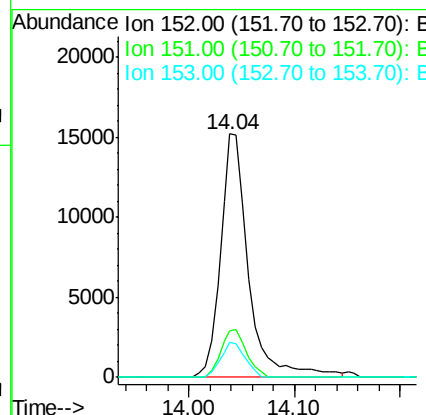
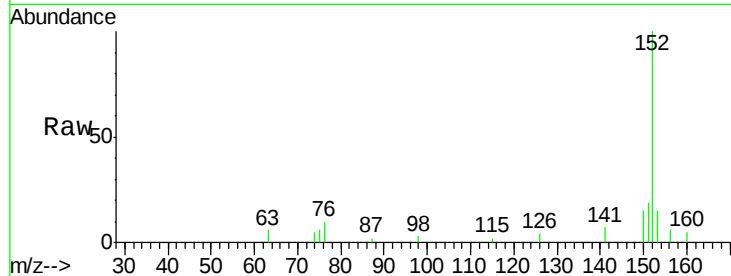
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Acenaphthylene
Concen: 2.69 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BM004066.D
Acq: 16 Jan 2016 02:13

Instrument :
BNA_M
ClientSampleId :
BC984

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	14.5	10.5	15.7

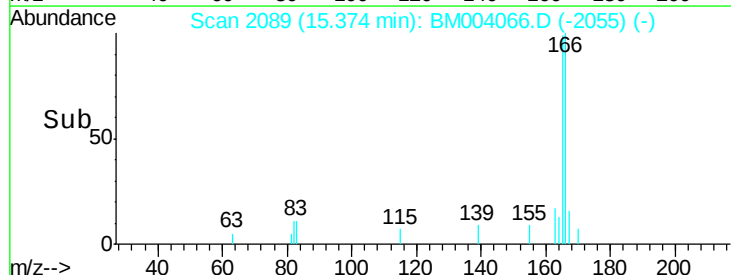
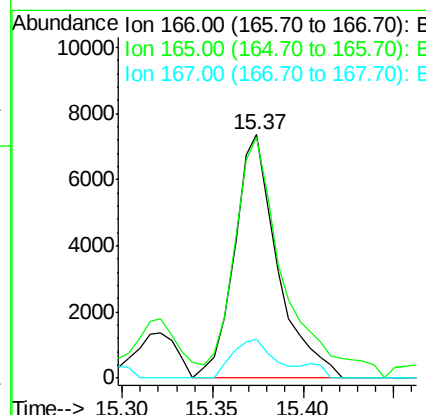
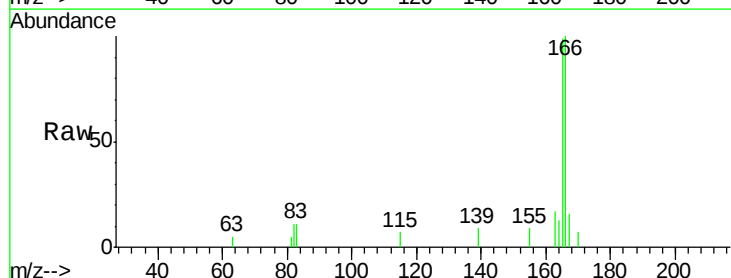
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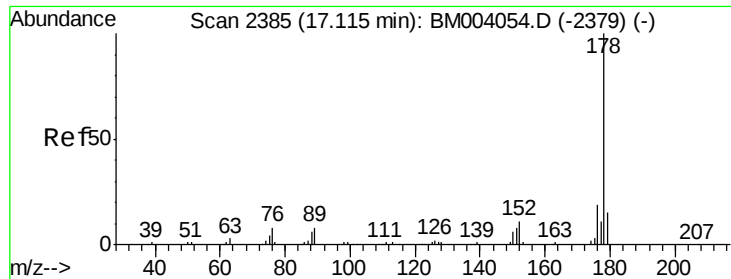
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#59
Fluorene
Concen: 1.59 ng/ul
RT: 15.37 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BM004066.D
Acq: 16 Jan 2016 02:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.5	117.7
167	15.7	10.7	16.1





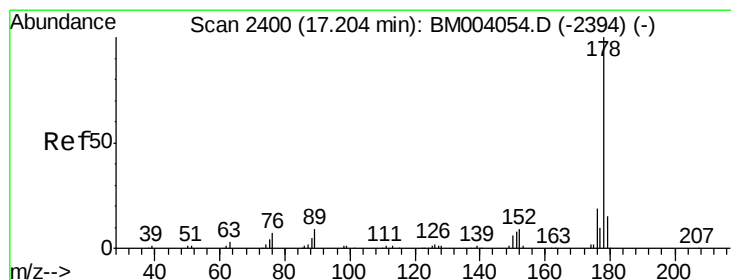
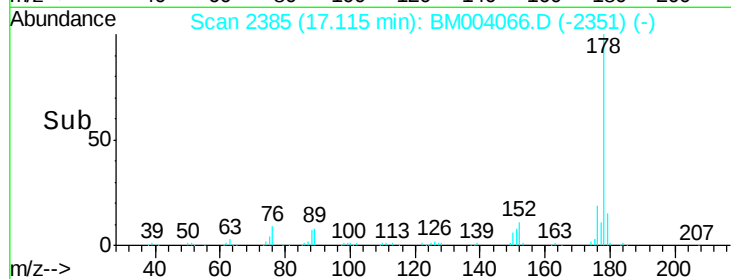
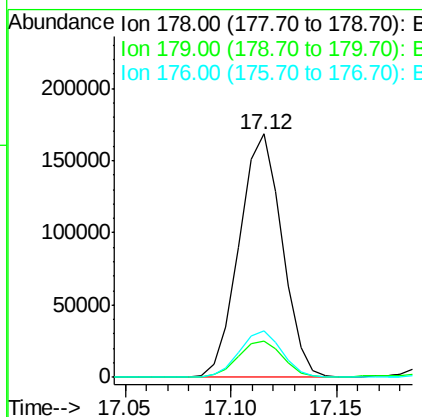
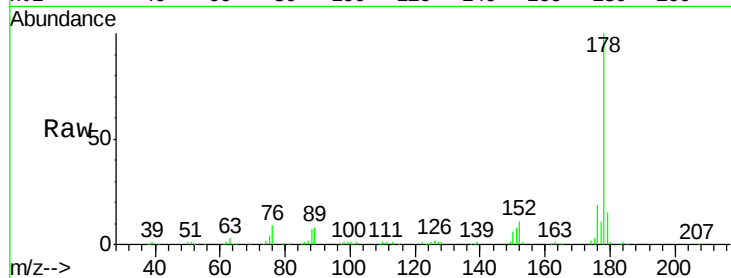
#70
Phenanthrene
Concen: 19.43 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM004066.D
Acq: 16 Jan 2016 02:13

Instrument :
BNA_M
ClientSampleId :
BC984

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	237813		
179	15.1	12.2	18.4	
176	18.9	15.6	23.4	

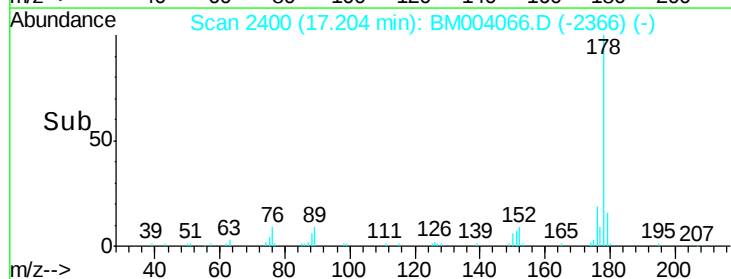
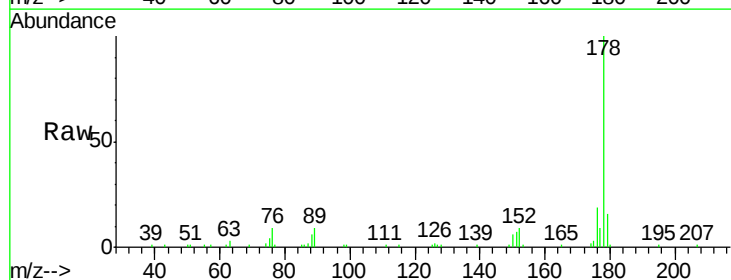
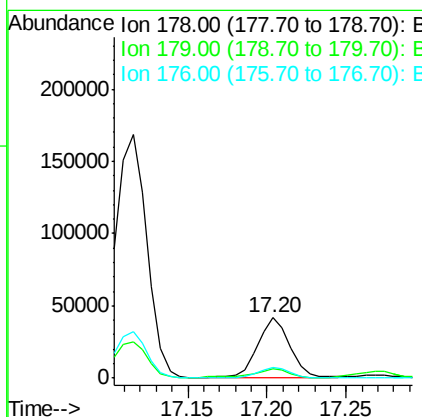
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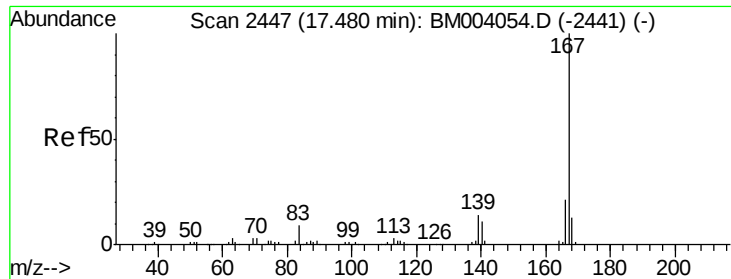
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#72
Anthracene
Concen: 4.68 ng/ul
RT: 17.20 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM004066.D
Acq: 16 Jan 2016 02:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	58791		
179	15.6	12.1	18.1	
176	18.6	14.8	22.2	





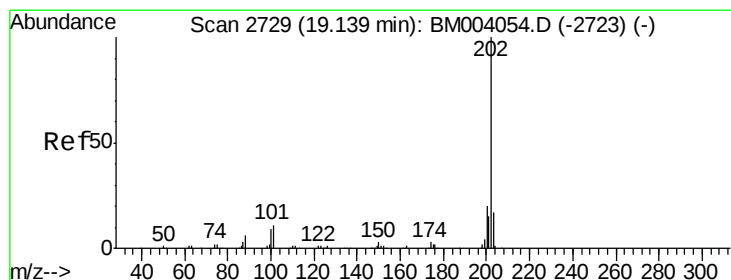
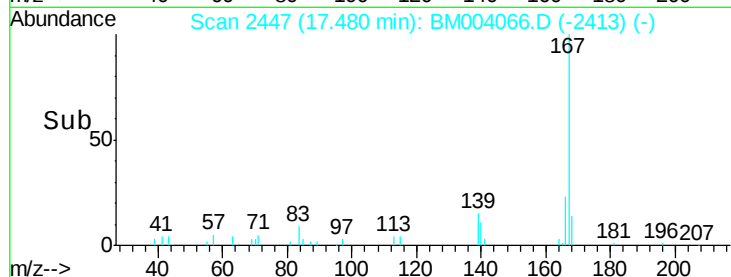
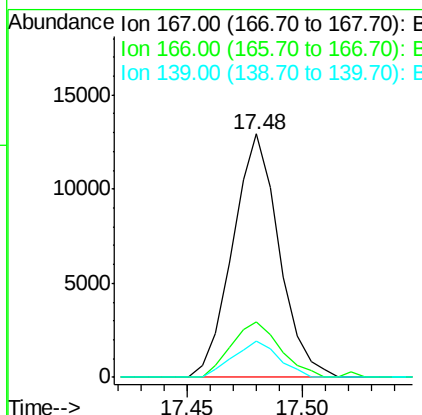
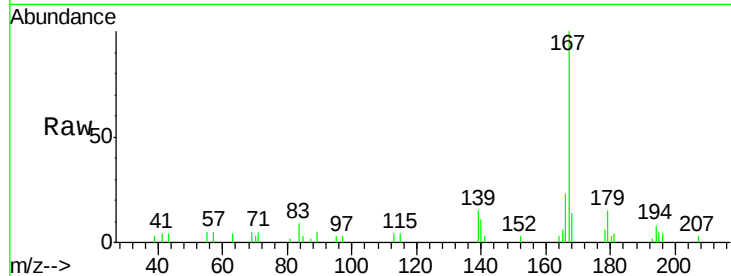
#75
 Carbazole
 Concen: 1.64 ng/ul
 RT: 17.48 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BM004066.D
 Acq: 16 Jan 2016 02:13

Instrument :
 BNA_M
 ClientSampleId :
 BC984

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.0	25.6
139	14.9	11.0	16.4

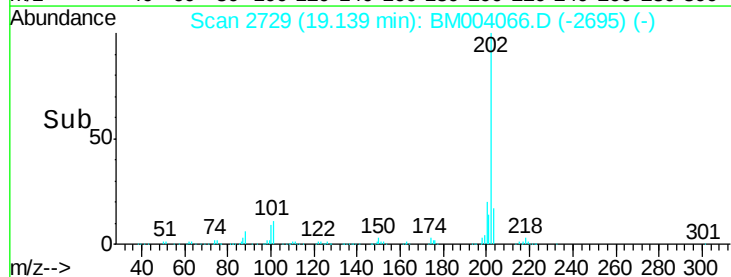
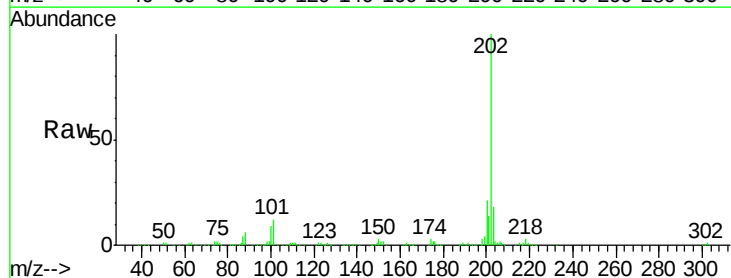
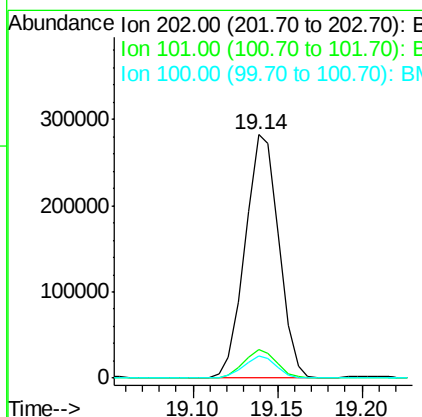
Manual Integrations
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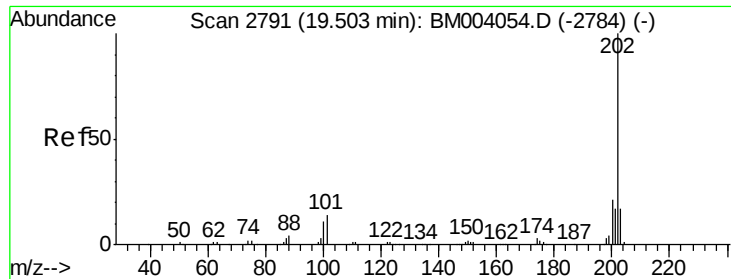
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#77
 Fluoranthene
 Concen: 30.81 ng/ul
 RT: 19.14 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: BM004066.D
 Acq: 16 Jan 2016 02:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.8	13.2
100	9.0	6.6	9.8





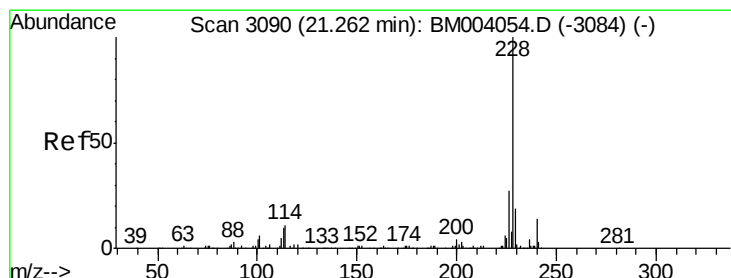
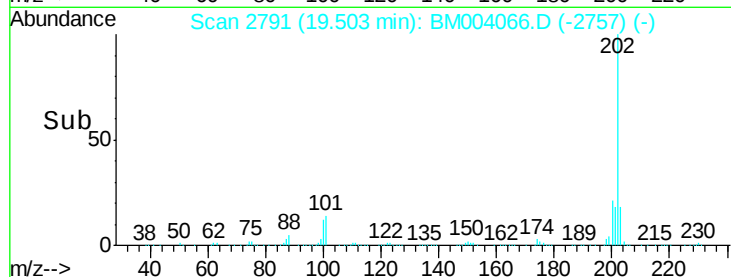
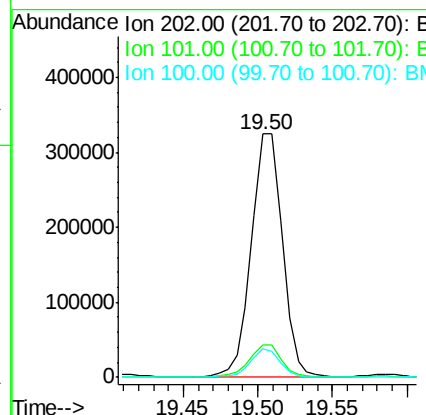
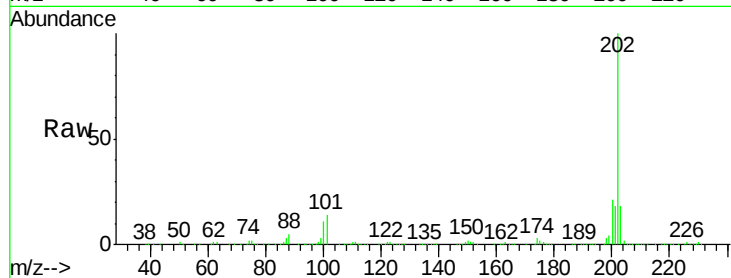
#80
Pyrene
Concen: 36.21 ng/uI
RT: 19.50 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM004066.D
Acq: 16 Jan 2016 02:13

Instrument :
BNA_M
ClientSampleId :
BC984

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	465959		
101	13.6	10.2	15.2	
100	11.5	8.5	12.7	

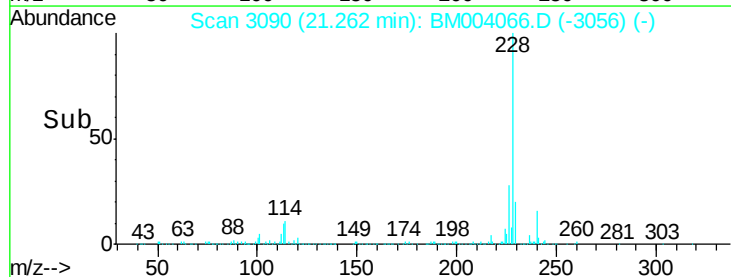
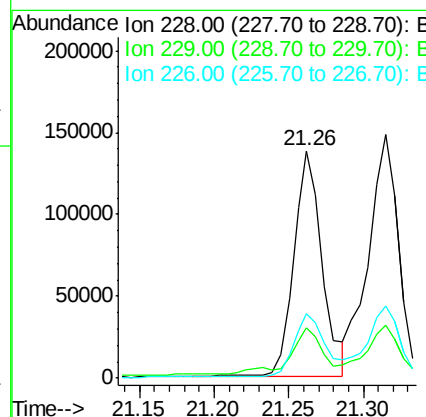
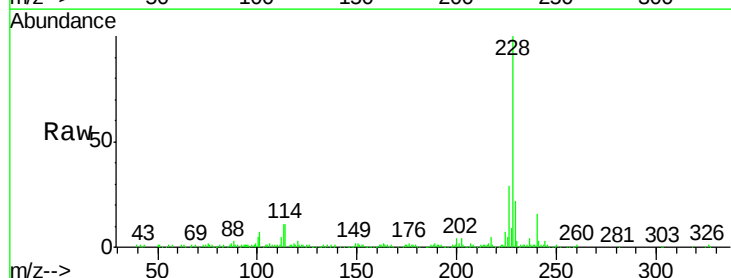
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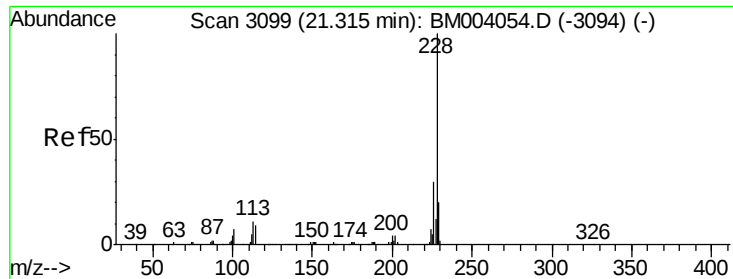
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#83
Benzo(a)anthracene
Concen: 16.18 ng/uI
RT: 21.26 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM004066.D
Acq: 16 Jan 2016 02:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	182593		
229	22.2	15.7	23.5	
226	28.6	21.8	32.6	





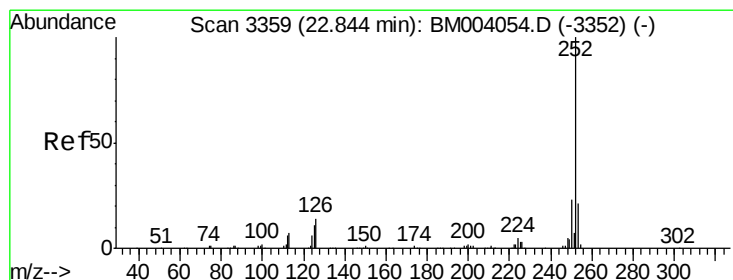
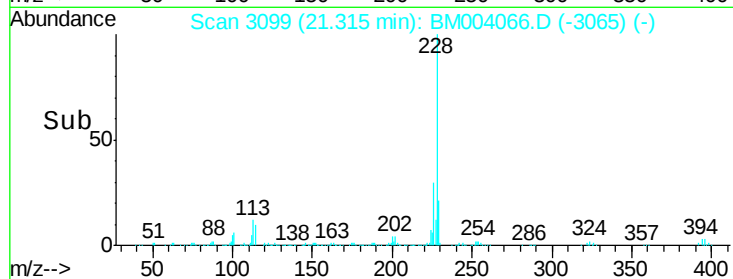
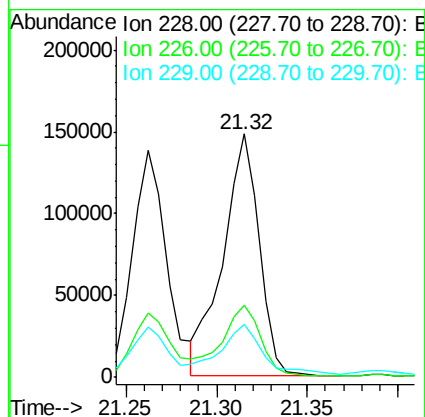
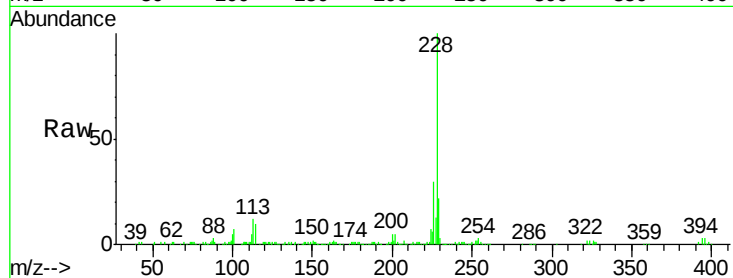
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Chrysene
Concen: 19.18 ng/u1
RT: 21.32 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM004066.D
Acq: 16 Jan 2016 02:13

Instrument :
BNA_M
ClientSampleId :
BC984

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	21.7	15.6	23.4

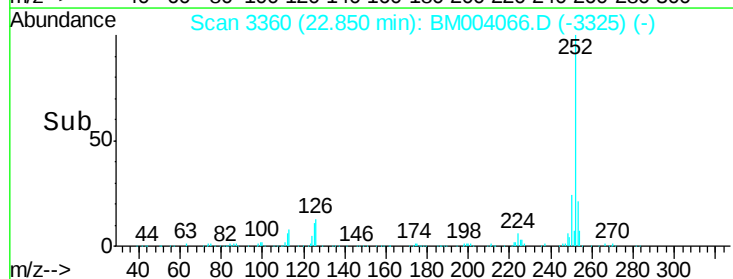
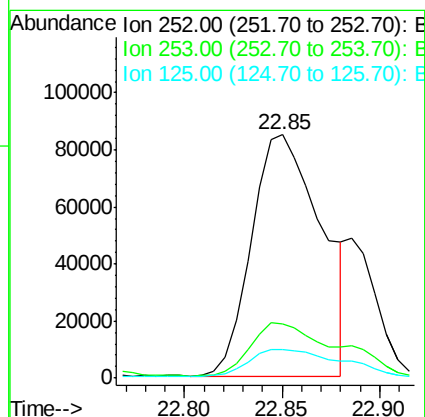
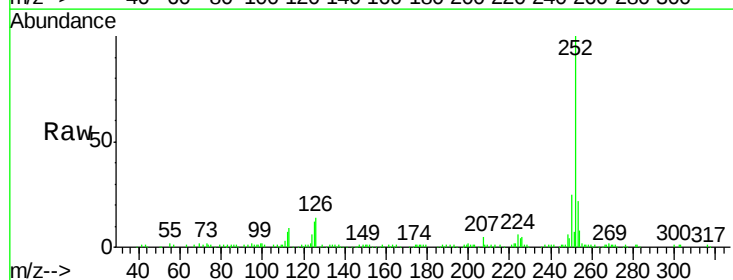
Manual Integrations
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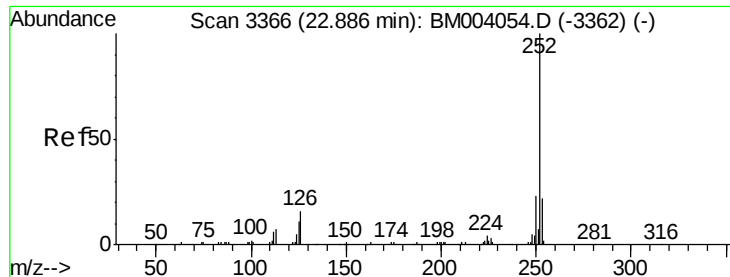
Sohil
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#88
Benzo(b)fluoranthene
Concen: 20.18 ng/u1
RT: 22.85 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BM004066.D
Acq: 16 Jan 2016 02:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.9	8.5	12.7





#89

Benzo(k)fluoranthene

Concen: 7.12 ng/ul m

RT: 22.89 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BM004066.D

Acq: 16 Jan 2016 02:13

Instrument :

BNA_M

ClientSampled :

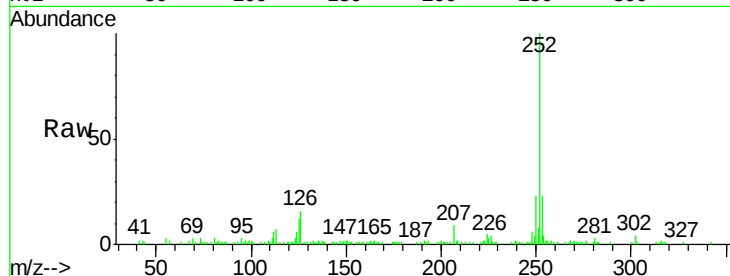
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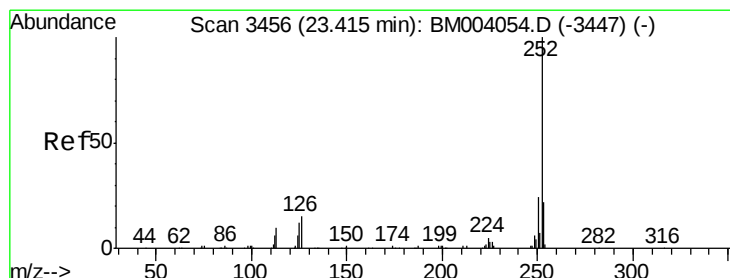
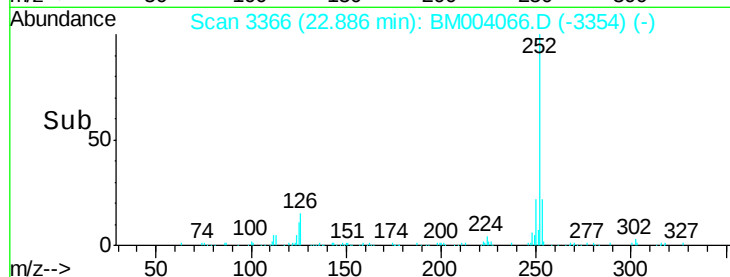
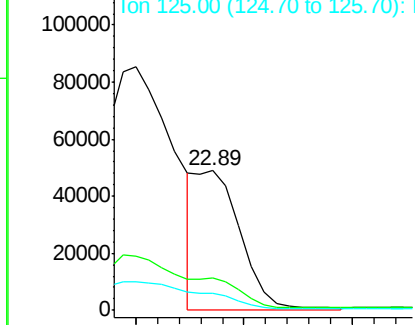
Sohil

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Tgt Ion:	252	Resp:	70510
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.3	25.9
125	12.1	8.2	12.2



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



#91

Benzo(a)pyrene

Concen: 16.62 ng/ul

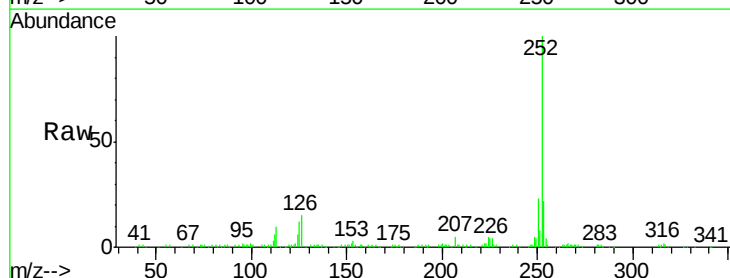
RT: 23.42 min Scan# 3457

Delta R.T. 0.01 min

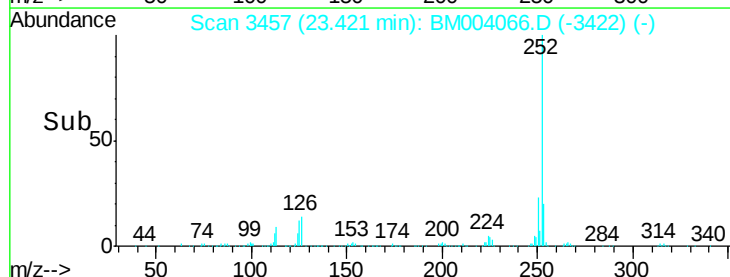
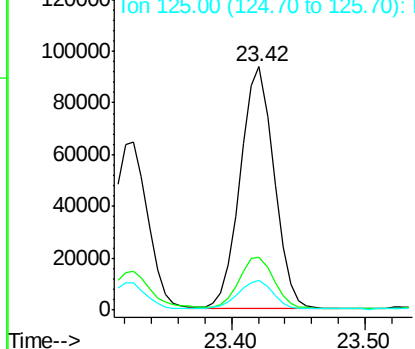
Lab File: BM004066.D

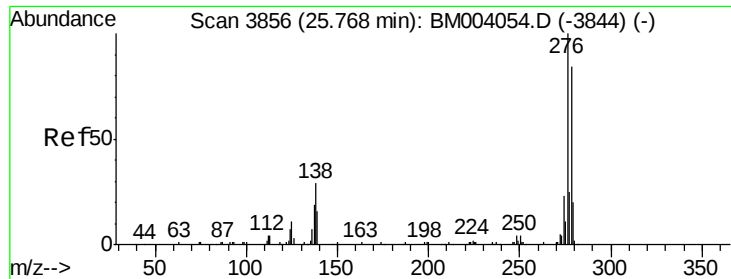
Acq: 16 Jan 2016 02:13

Tgt Ion:	252	Resp:	164007
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.2	25.8
125	12.4	9.0	13.6



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





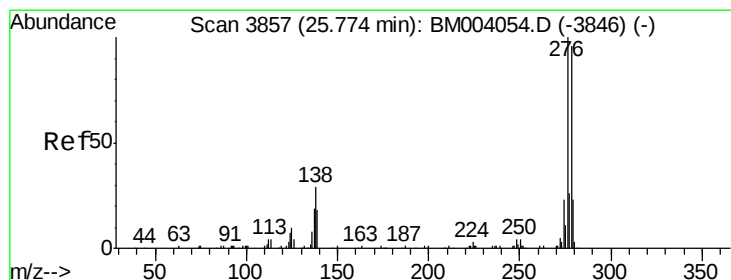
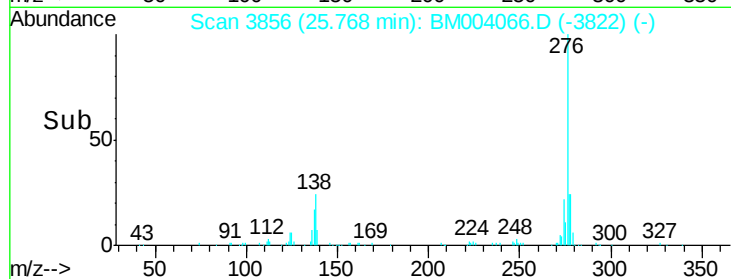
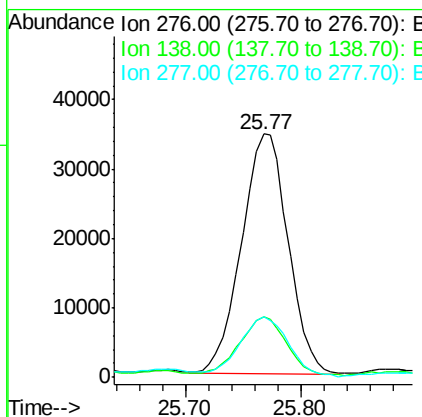
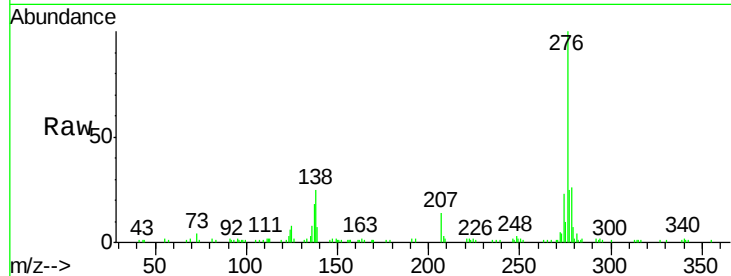
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 8.88 ng/u1
 RT: 25.77 min Scan# 3856
 Delta R.T. -0.00 min
 Lab File: BM004066.D
 Acq: 16 Jan 2016 02:13

Instrument :
 BNA_M
 ClientSampleId :
 BC984

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	96995		
138	24.9	22.3	33.5	
277	24.9	20.2	30.2	

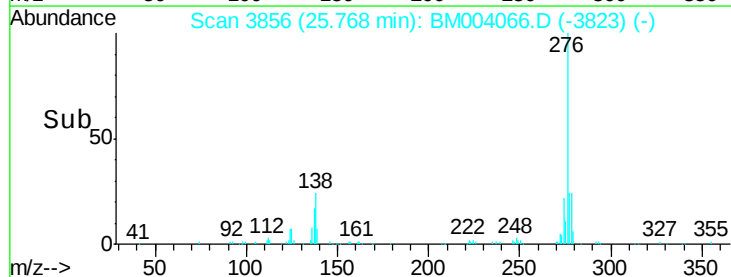
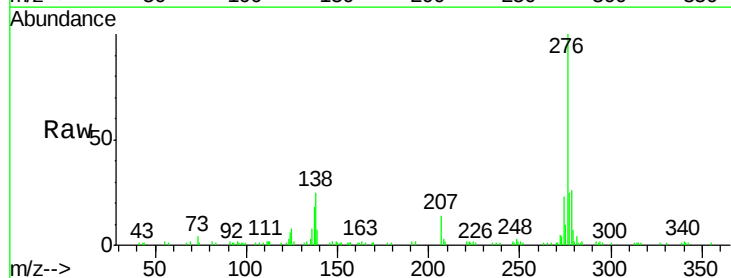
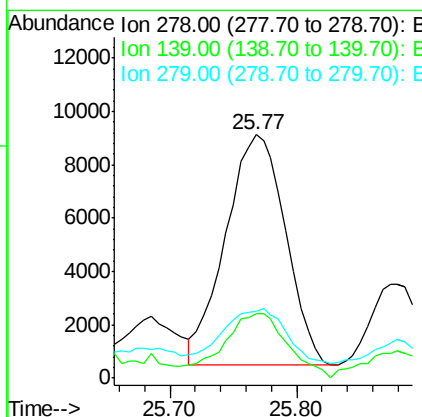
Manual Integrations
 APPROVED

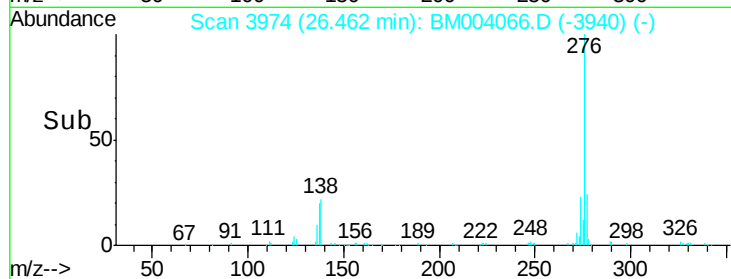
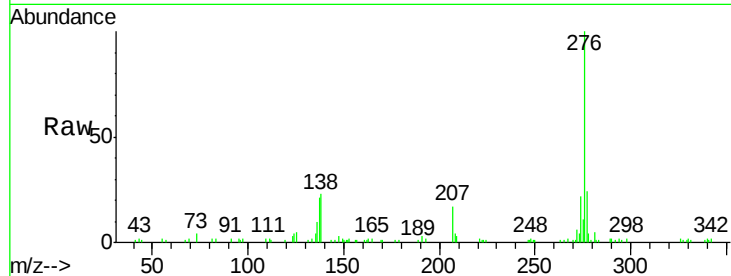
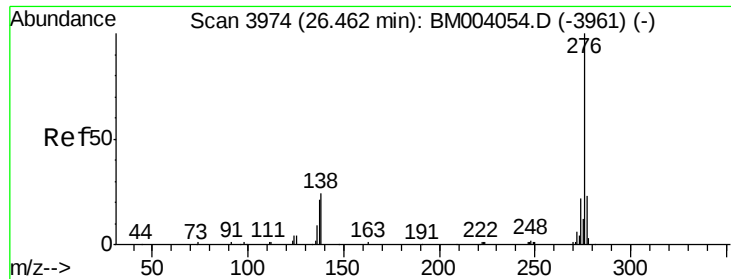
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 1/16/2016 5:01:41 AM



#93
 Dibenzo(a,h)anthracene
 Concen: 3.08 ng/u1
 RT: 25.77 min Scan# 3856
 Delta R.T. -0.01 min
 Lab File: BM004066.D
 Acq: 16 Jan 2016 02:13

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	28293		
139	26.3	13.9	20.9#	
279	27.7	19.0	28.4	





#94

Benzo(g,h,i)perylene

Concen: 9.56 ng/ul

RT: 26.46 min Scan# 3974

Delta R.T. -0.00 min

Lab File: BM004066.D

Acq: 16 Jan 2016 02:13

Tgt Ion:	276	Resp:	87615
Ion Ratio	Lower	Upper	
276	100		
138	23.4	18.9	28.3
277	24.5	19.2	28.8

Instrument :

BNA_M

ClientSampleId :

BC984

Manual Integrations
APPROVED

Sohil
1/16/2016 5:01:41 AM

