

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
 Data File : BM004033.D
 Acq On : 15 Jan 2016 04:17
 Operator : SJ/UM
 Sample : H1099-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BC9E5

Manual Integrations
 APPROVED

mohammad
 1/15/2016 3:03:27 PM

Quant Time: Jan 15 13:57:32 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	41777	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	202787	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	119328	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	260758	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	216208	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	194651	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	2515	2.69	ng/uL	0.00
5) Phenol-d5	6.85	99	62493	18.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	36237	18.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	52659	18.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	47575	16.93	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	26426	17.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	29154	17.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	51860	17.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	55901	14.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	173124	18.48	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	213398	18.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	23022	13.68	ng/ul	0.00
58) Fluorene-d10	15.32	176	153352	19.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	12813	8.71	ng/ul	0.00
71) Anthracene-d10	17.17	188	236475	19.61	ng/ul	0.00
79) Pyrene-d10	19.47	212	244195	21.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	194901	20.05	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.77	163	70563	7.39	ng/ul	98
48) Acenaphthylene	14.04	152	14423	1.15	ng/ul	98
50) Acenaphthene	14.39	153	8486	1.03	ng/ul	96
59) Fluorene	15.37	166	13123	1.43	ng/ul	99
70) Phenanthrene	17.12	178	260985	17.80	ng/ul	99
72) Anthracene	17.20	178	55901	3.72	ng/ul	99
75) Carbazole	17.48	167	19639	1.48	ng/ul	99
77) Fluoranthene	19.14	202	491100	32.23	ng/ul	99
80) Pyrene	19.50	202	475682	32.41	ng/ul	97
83) Benzo(a)anthracene	21.26	228	194736	15.13	ng/ul	98
85) Chrysene	21.31	228	202509	16.55	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	201912	17.06	ng/ul	98
89) Benzo(k)fluoranthene	22.88	252	77441m	6.88	ng/ul	
91) Benzo(a)pyrene	23.41	252	155038	13.82	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.76	276	97892	7.89	ng/ul	95
93) Dibenzo(a,h)anthracene	25.76	278	27025	2.59	ng/ul#	86
94) Benzo(g,h,i)perylene	26.45	276	95529	9.16	ng/ul	98

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

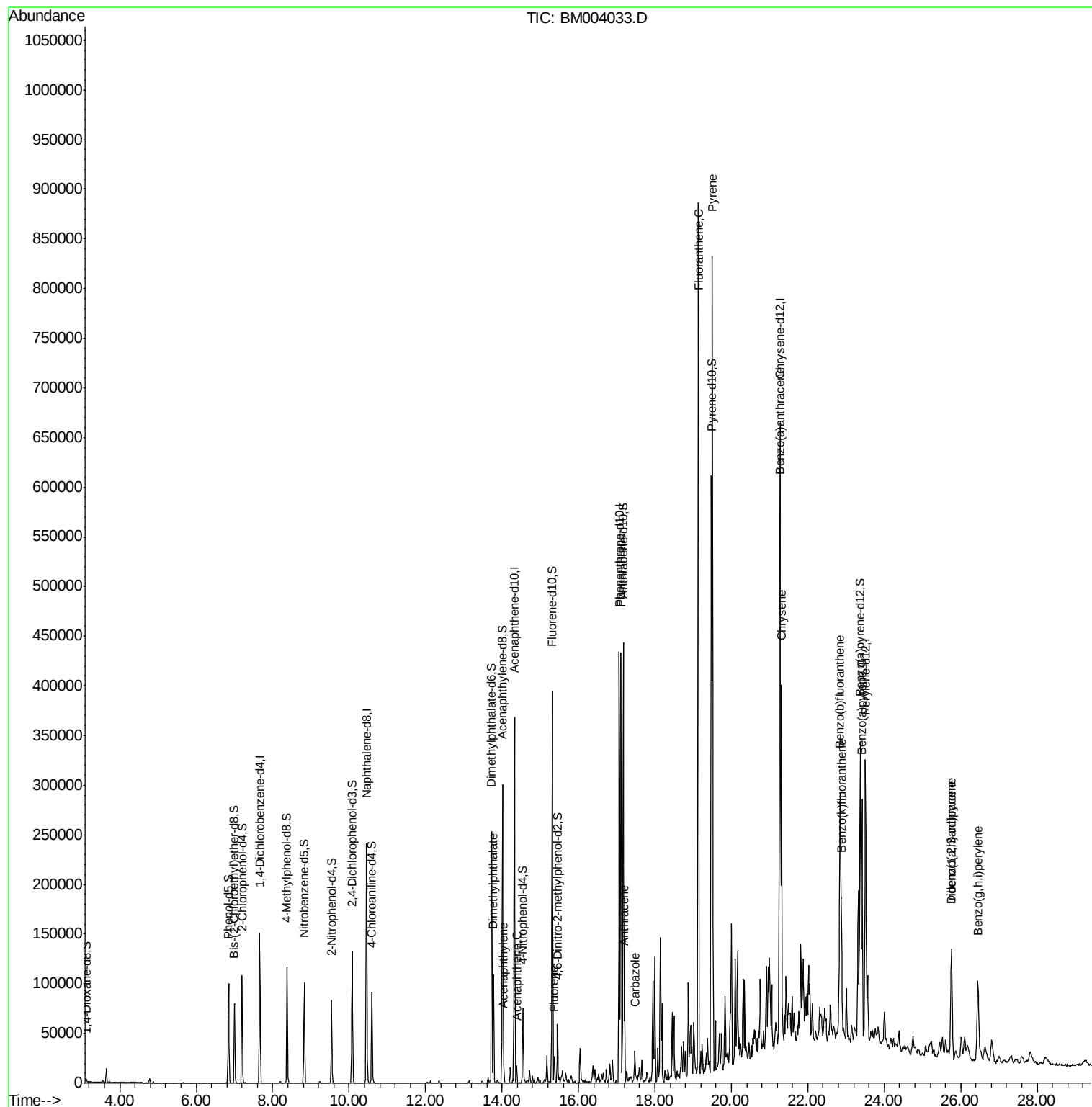
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
Data File : BM004033.D
Acq On : 15 Jan 2016 04:17
Operator : SJ/UM
Sample : H1099-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

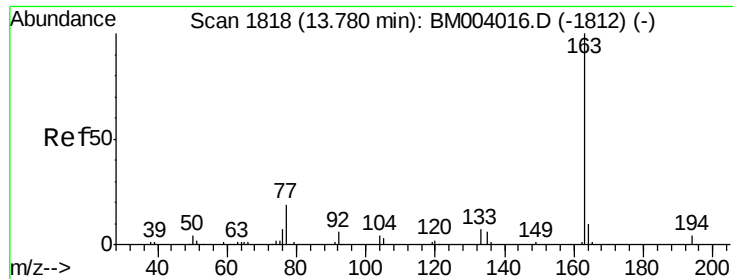
Instrument :
BNA_M
ClientSampleId :
BC9E5

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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





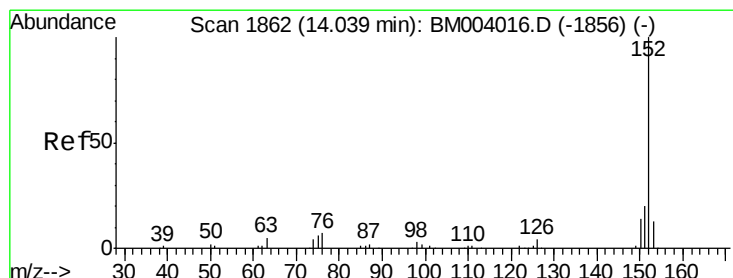
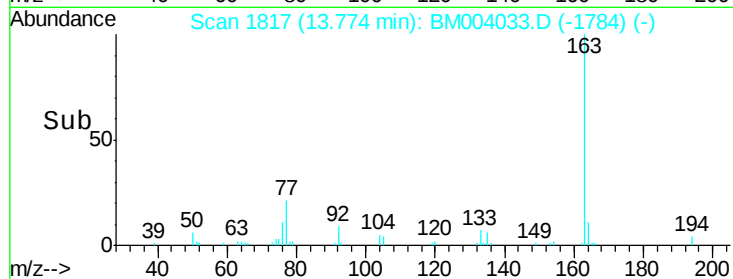
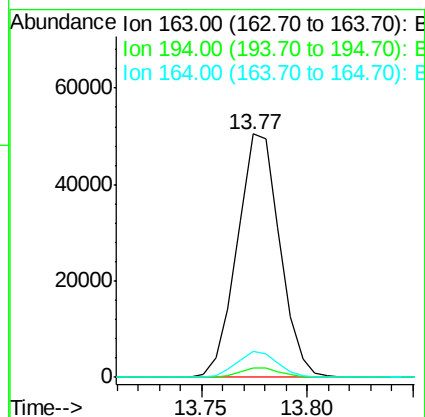
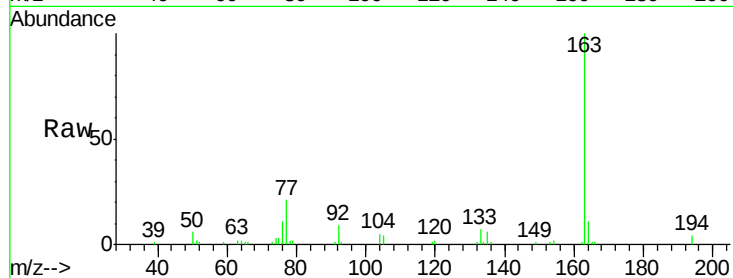
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Dimethylphthalate
Concen: 7.39 ng/ul
RT: 13.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM004033.D
Acq: 15 Jan 2016 04:17

Instrument :
BNA_M
ClientSampleId :
BC9E5

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.7	7.8	11.8

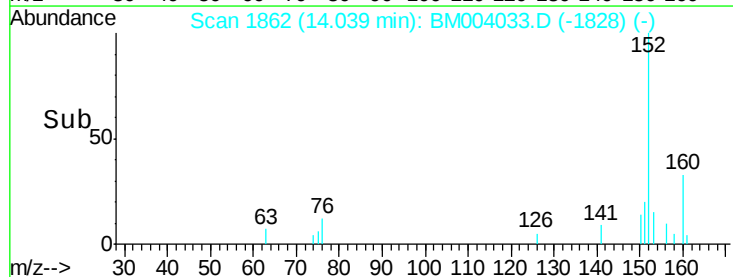
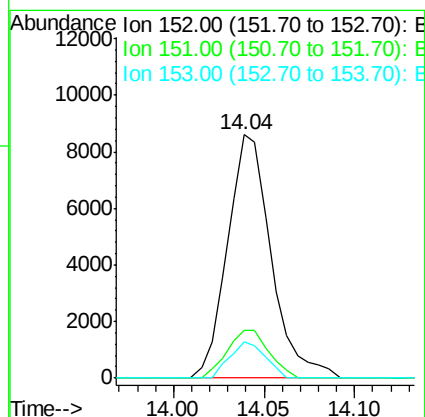
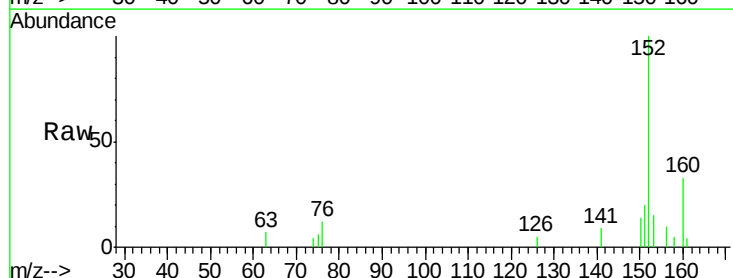
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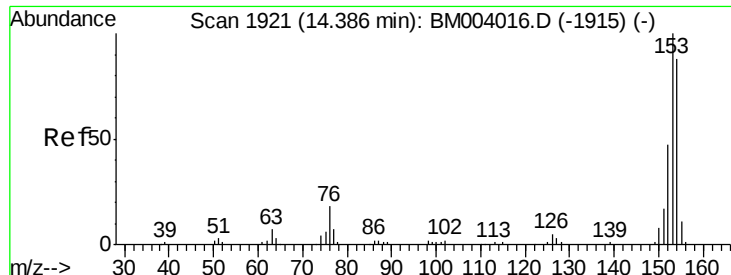
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#48
Acenaphthylene
Concen: 1.15 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BM004033.D
Acq: 15 Jan 2016 04:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	14.9	10.5	15.7





#50

Acenaphthene

Concen: 1.03 ng/ul

RT: 14.39 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BM004033.D

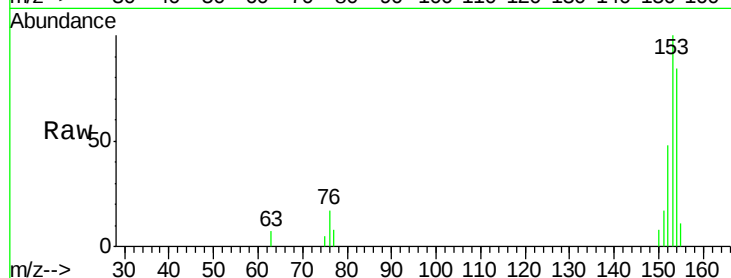
Acq: 15 Jan 2016 04:17

Instrument :

BNA_M

ClientSampleId :

BC9E5



Tgt Ion:153 Resp: 8486

Ion Ratio Lower Upper

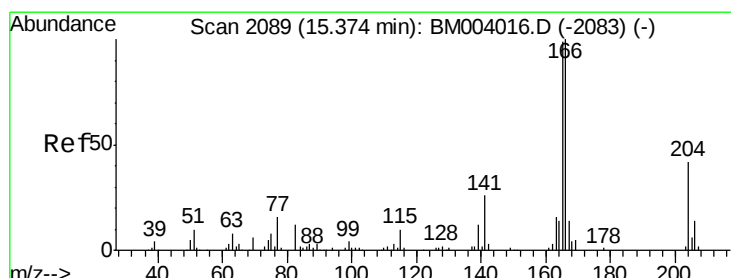
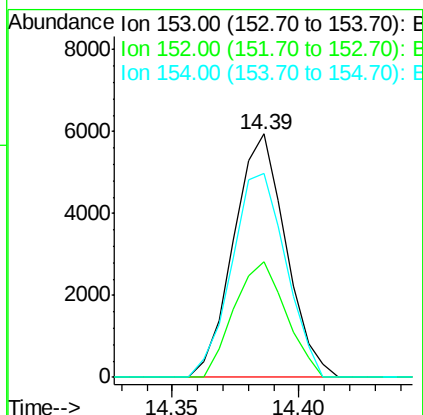
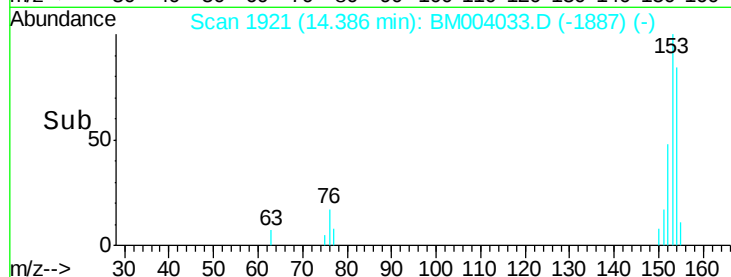
153 100

152 47.6 38.3 57.5

154 84.0 71.8 107.8

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#59

Fluorene

Concen: 1.43 ng/ul

RT: 15.37 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BM004033.D

Acq: 15 Jan 2016 04:17

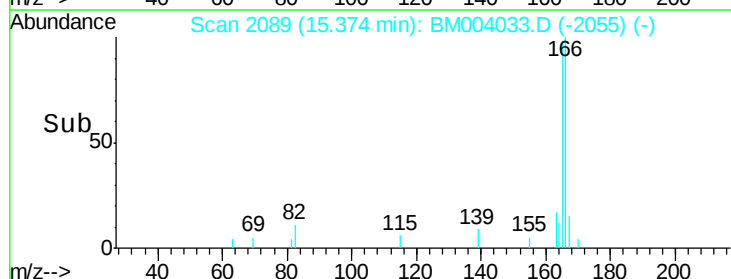
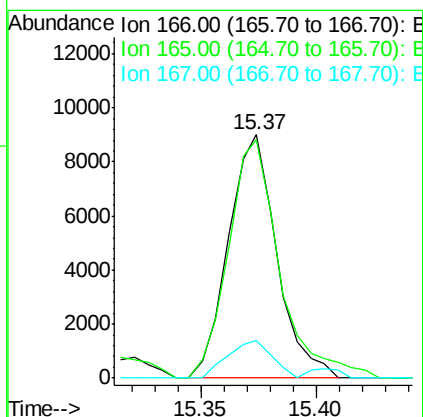
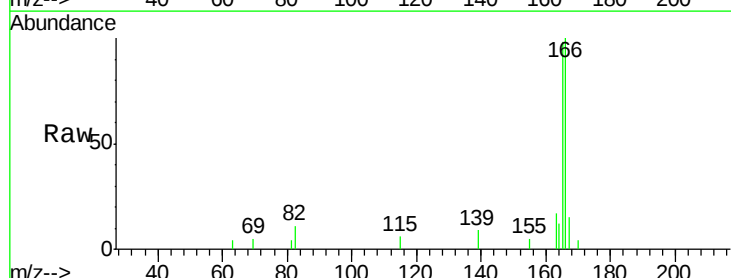
Tgt Ion:166 Resp: 13123

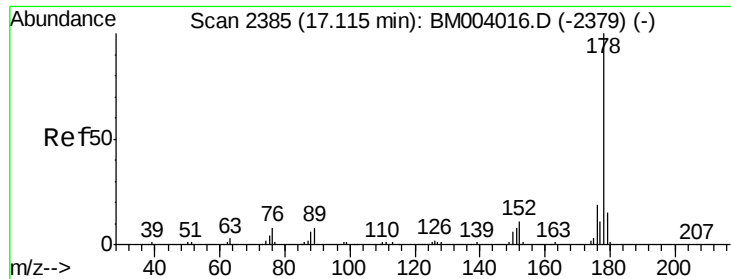
Ion Ratio Lower Upper

166 100

165 98.0 78.5 117.7

167 15.3 10.7 16.1





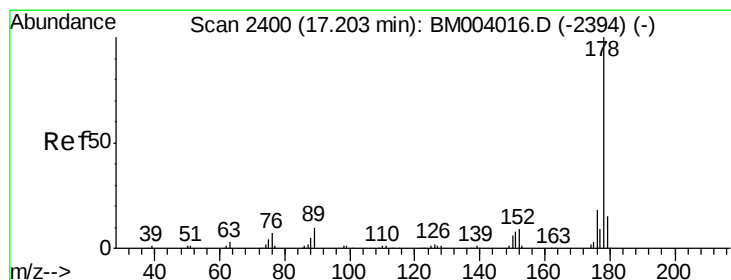
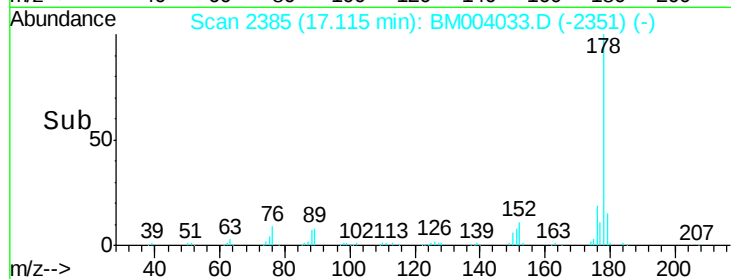
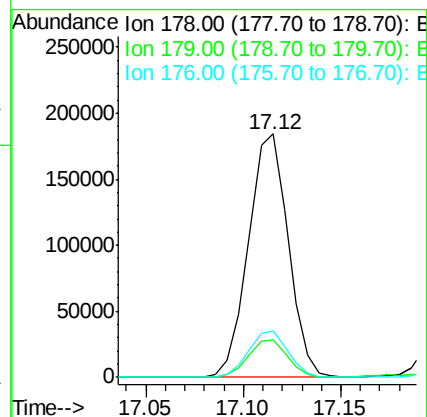
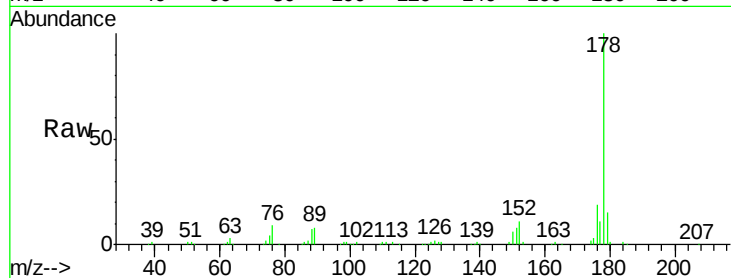
#70
 Phenanthrene
 Concen: 17.80 ng/ul
 RT: 17.12 min Scan# 2385
 Delta R.T. -0.00 min
 Lab File: BM004033.D
 Acq: 15 Jan 2016 04:17

Instrument :
 BNA_M
 ClientSampleId :
 BC9E5

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

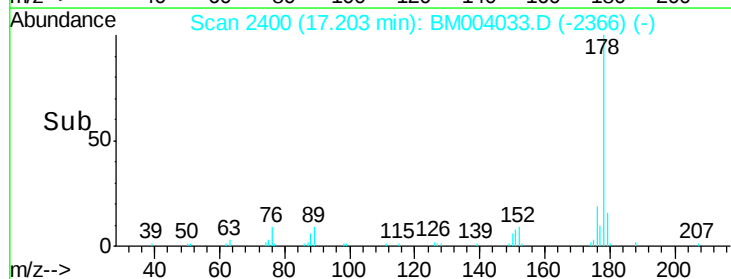
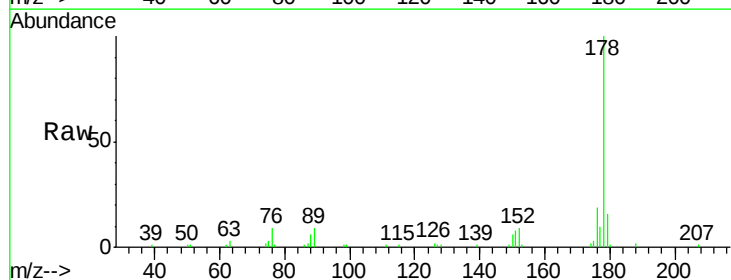
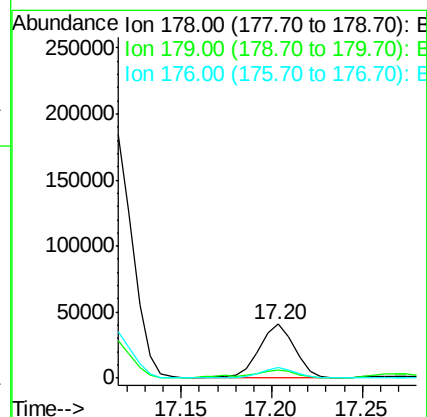
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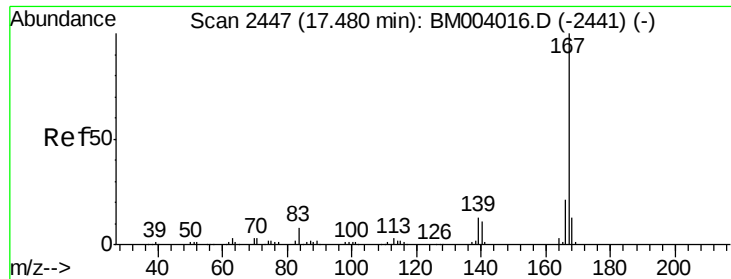
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#72
 Anthracene
 Concen: 3.72 ng/ul
 RT: 17.20 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BM004033.D
 Acq: 15 Jan 2016 04:17

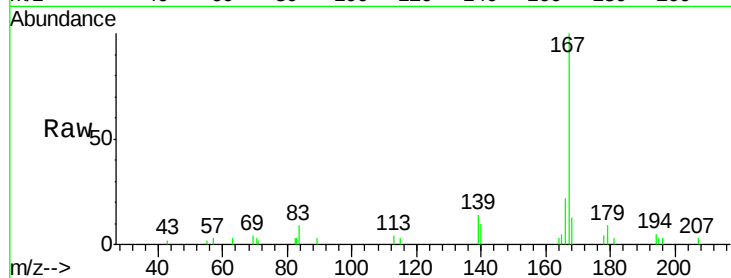
Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	16.0	12.1	18.1
176	18.8	14.8	22.2





#75
 Carbazole
 Concen: 1.48 ng/ul
 RT: 17.48 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BM004033.D
 Acq: 15 Jan 2016 04:17

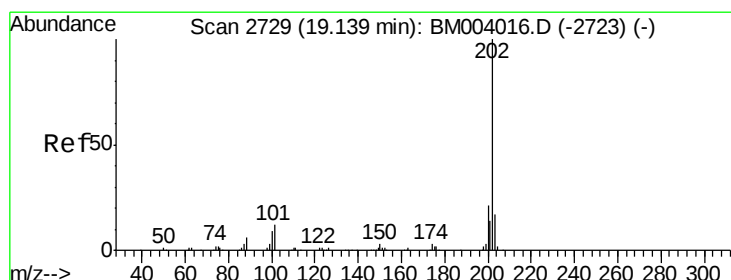
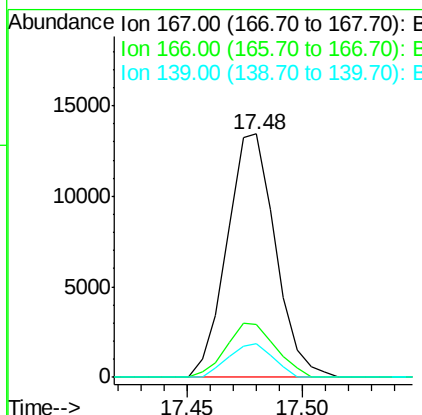
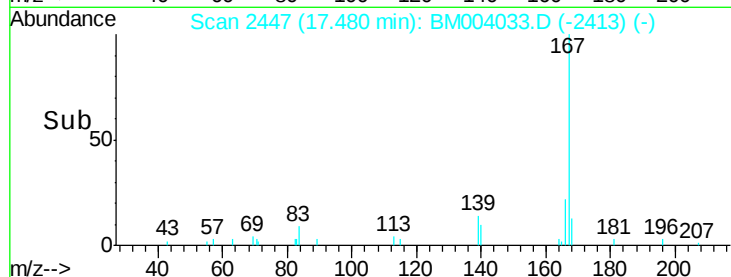
Instrument :
 BNA_M
 ClientSampleId :
 BC9E5



Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.6
139	13.7	11.0	16.4

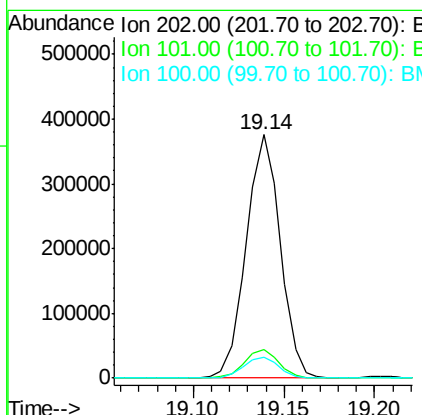
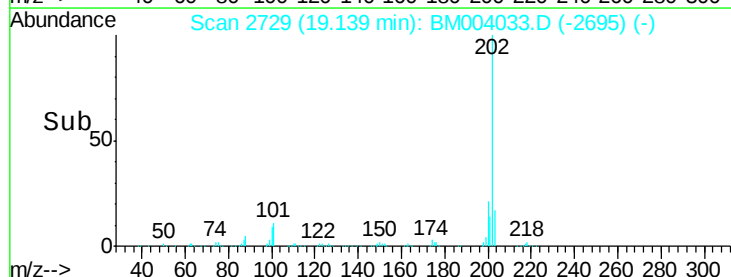
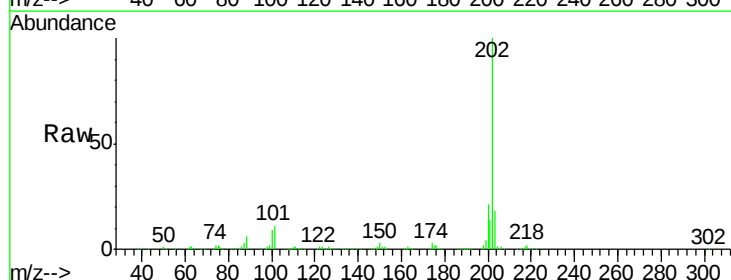
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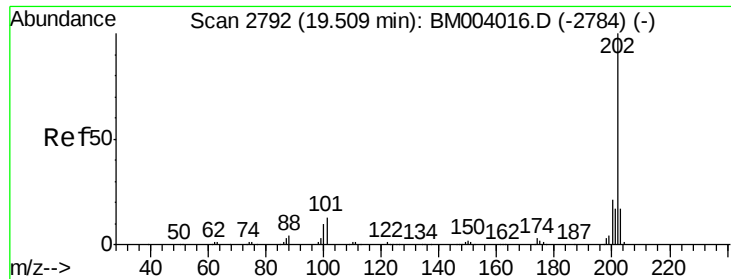
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#77
 Fluoranthene
 Concen: 32.23 ng/ul
 RT: 19.14 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: BM004033.D
 Acq: 15 Jan 2016 04:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.8	13.2
100	8.7	6.6	9.8





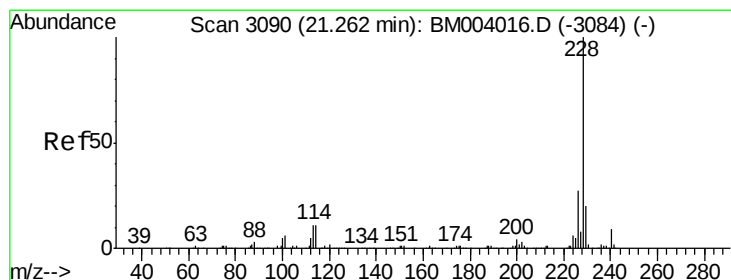
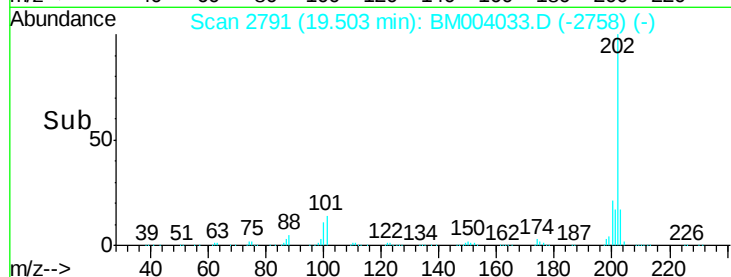
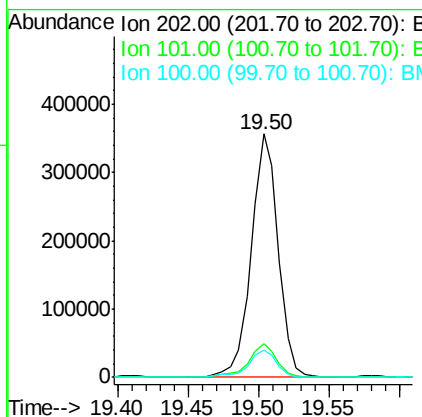
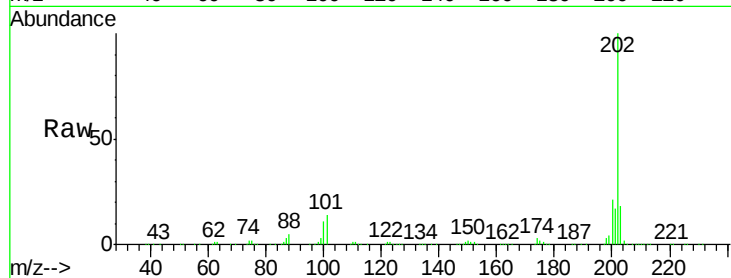
#80
 Pyrene
 Concen: 32.41 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. -0.01 min
 Lab File: BM004033.D
 Acq: 15 Jan 2016 04:17

Instrument :
 BNA_M
 ClientSampleId :
 BC9E5

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	475682		
101	14.0	10.2	15.2	
100	11.2	8.5	12.7	

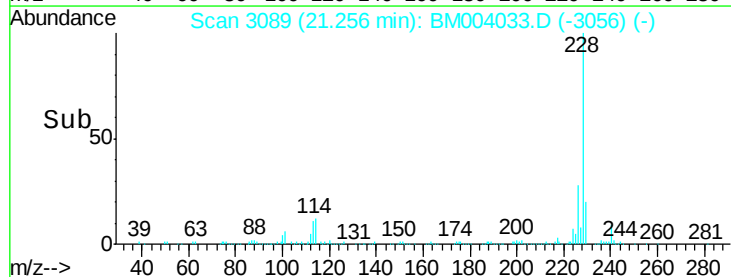
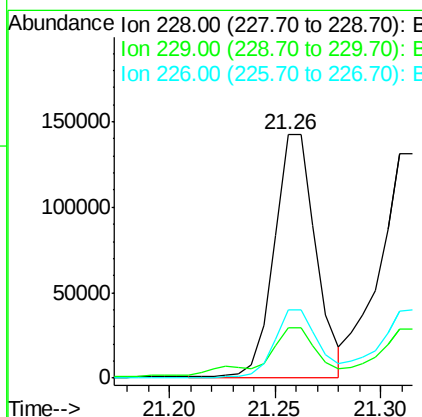
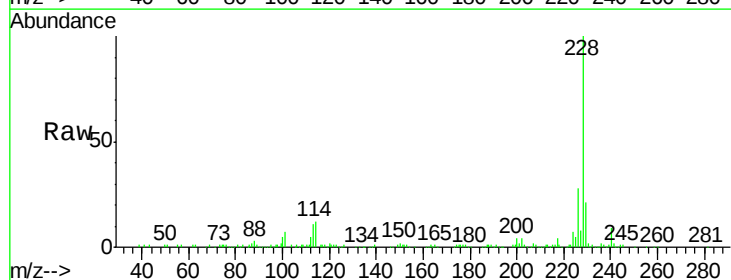
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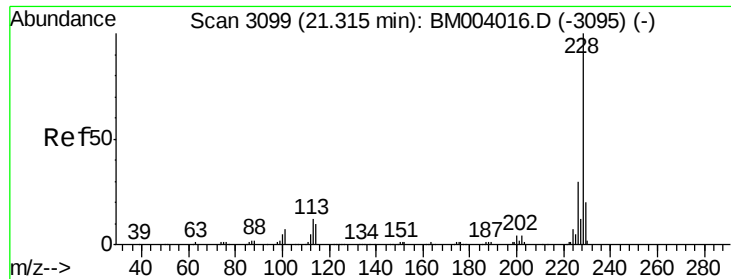
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#83
 Benzo(a)anthracene
 Concen: 15.13 ng/ul
 RT: 21.26 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM004033.D
 Acq: 15 Jan 2016 04:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	194736		
229	20.7	15.7	23.5	
226	28.2	21.8	32.6	





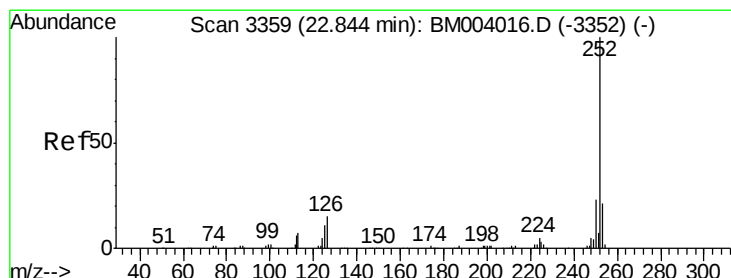
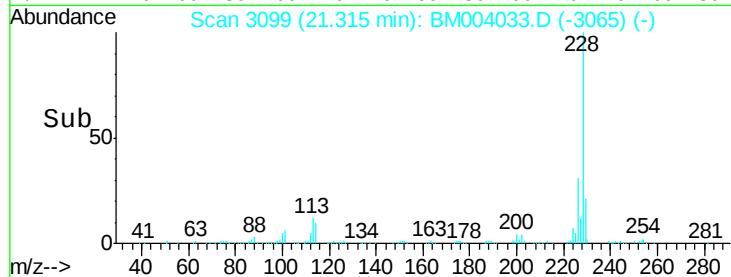
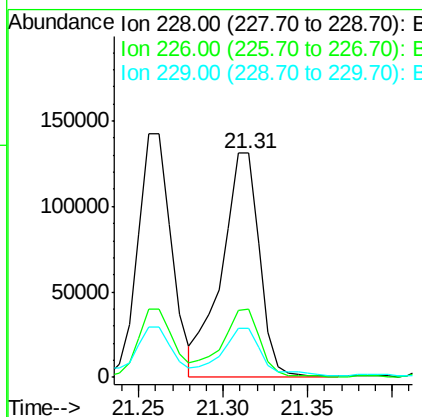
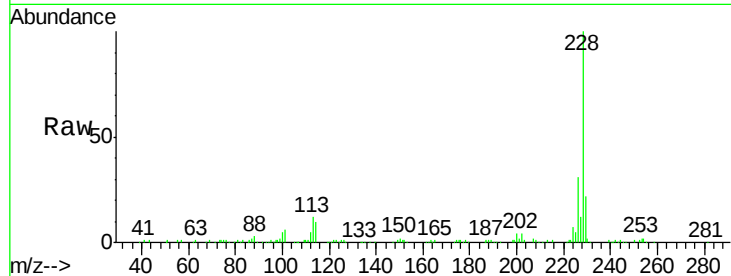
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Chrysene
Concen: 16.55 ng/ul
RT: 21.31 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM004033.D
Acq: 15 Jan 2016 04:17

Instrument :
BNA_M
ClientSampleId :
BC9E5

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	202509		
226	30.7		24.0	36.0
229	21.8		15.6	23.4

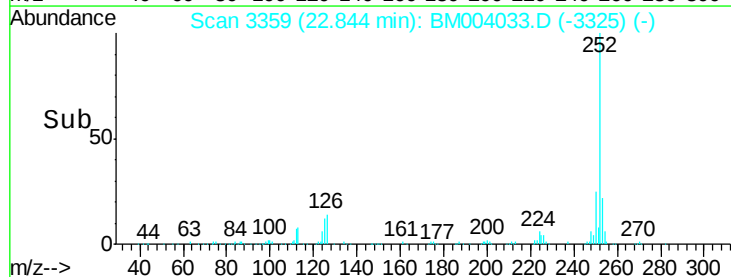
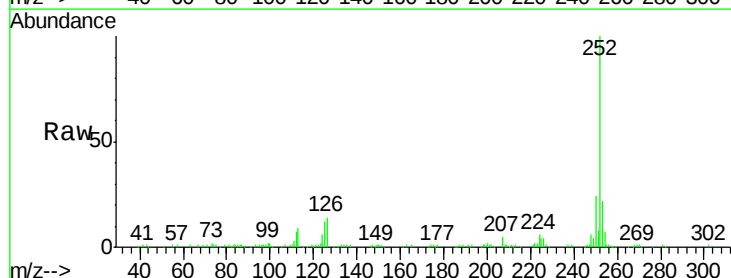
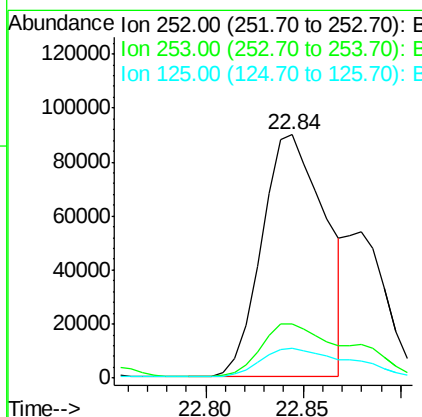
Manual Integrations
APPROVED

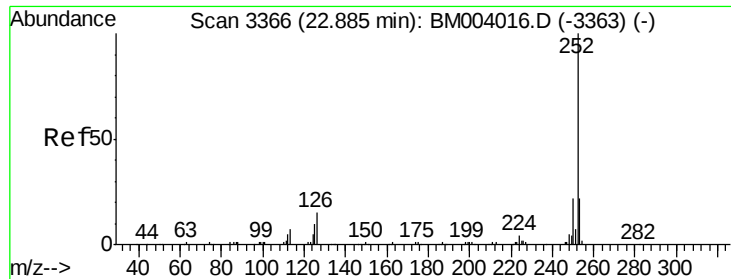
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1/15/2016 3:03:27 PM



#88
Benzo(b)fluoranthene
Concen: 17.06 ng/ul
RT: 22.84 min Scan# 3359
Delta R.T. -0.00 min
Lab File: BM004033.D
Acq: 15 Jan 2016 04:17

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	201912		
253	22.2		17.5	26.3
125	12.0		8.5	12.7





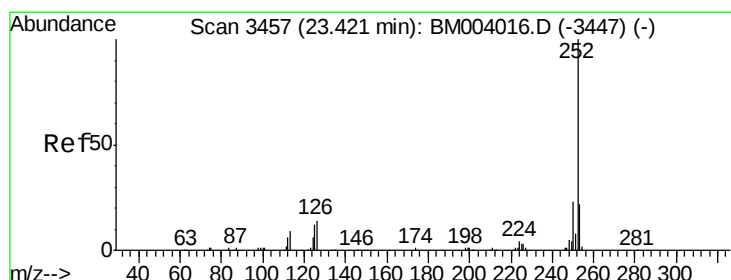
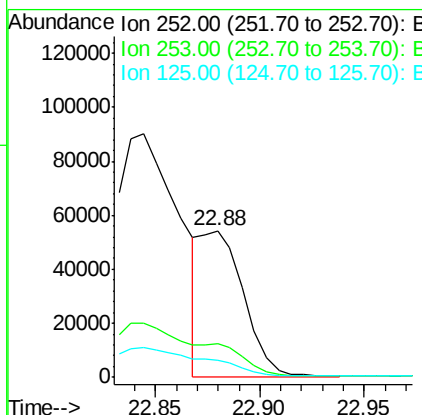
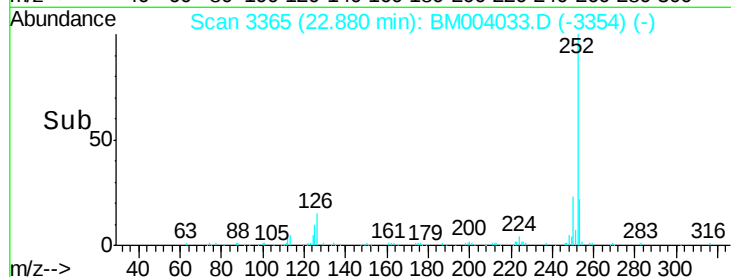
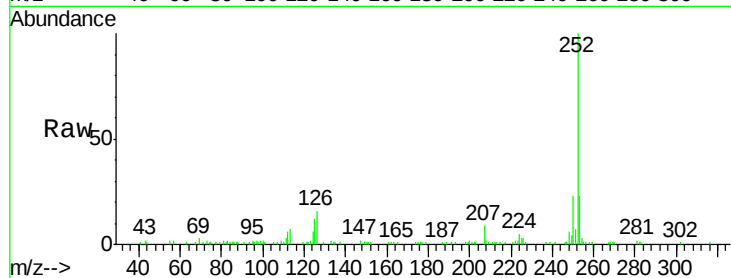
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Benzo(k)fluoranthene
Concen: 6.88 ng/ul m
RT: 22.88 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM004033.D
Acq: 15 Jan 2016 04:17

Instrument :
BNA_M
ClientSampleId :
BC9E5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	12.0	8.2	12.2

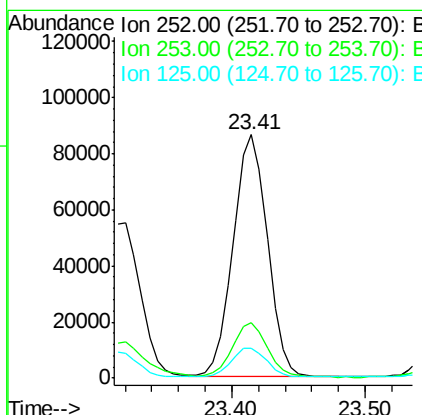
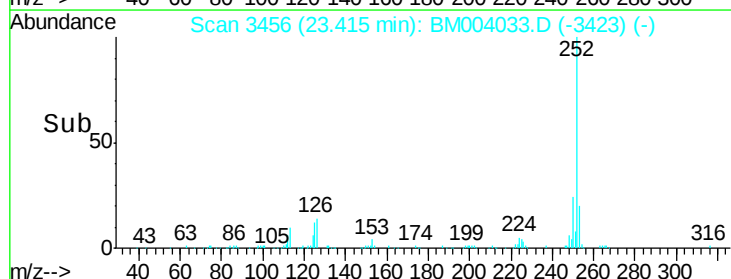
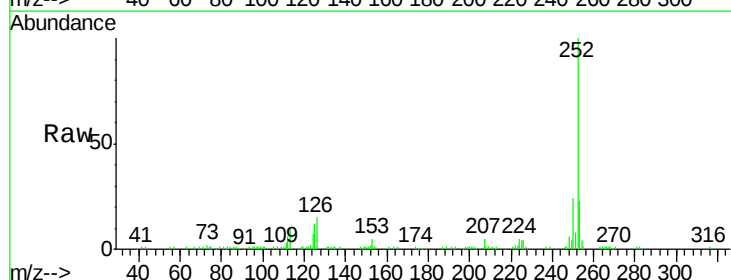
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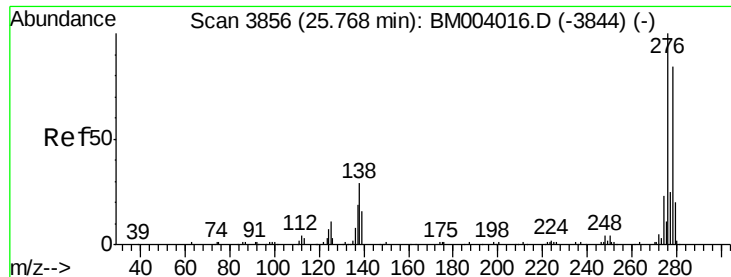
mohammad
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#91
Benzo(a)pyrene
Concen: 13.82 ng/ul
RT: 23.41 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BM004033.D
Acq: 15 Jan 2016 04:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	12.2	9.0	13.6





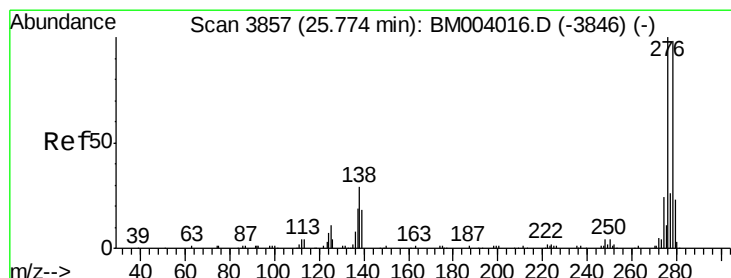
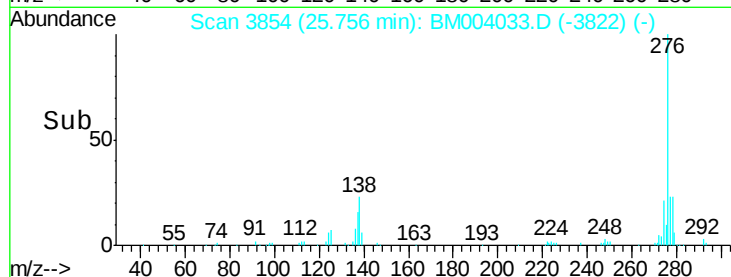
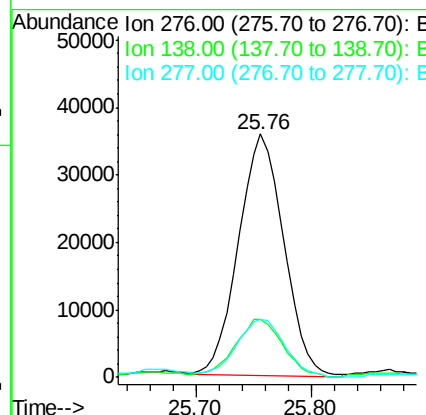
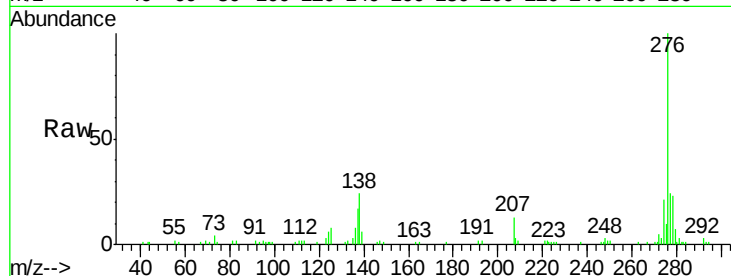
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 7.89 ng/ul
 RT: 25.76 min Scan# 3854
 Delta R.T. -0.01 min
 Lab File: BM004033.D
 Acq: 15 Jan 2016 04:17

Instrument :
 BNA_M
 ClientSampleId :
 BC9E5

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	22.3	33.5
277	24.0	20.2	30.2

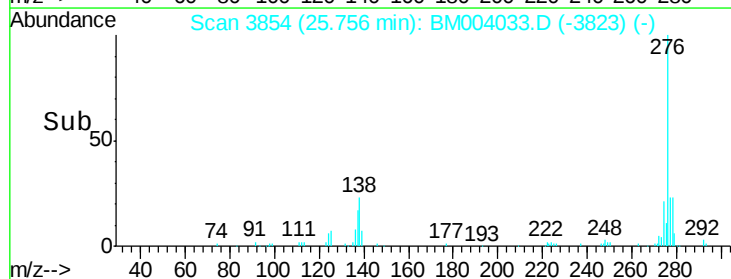
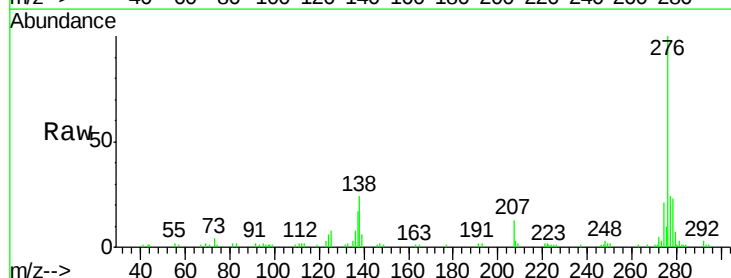
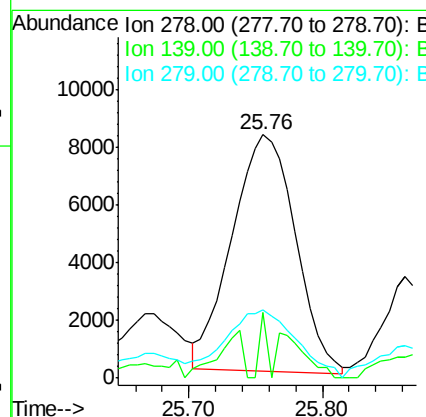
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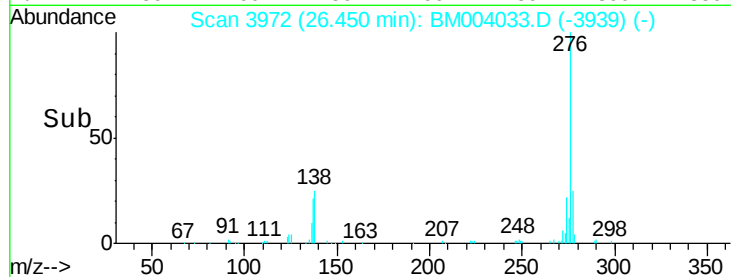
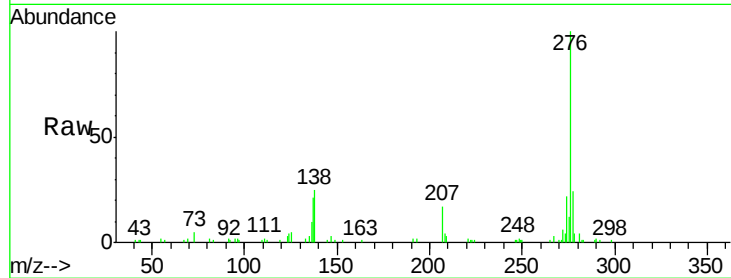
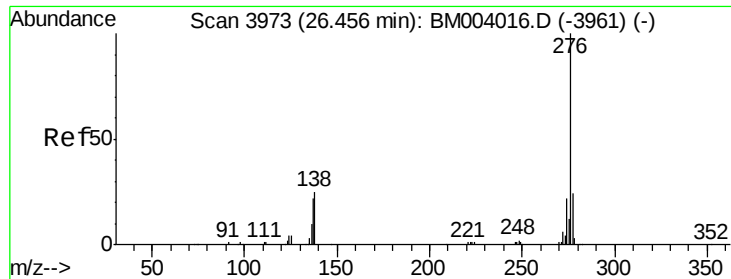
mohammad
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#93
 Dibenzo(a,h)anthracene
 Concen: 2.59 ng/ul
 RT: 25.76 min Scan# 3854
 Delta R.T. -0.02 min
 Lab File: BM004033.D
 Acq: 15 Jan 2016 04:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.9	13.9	20.9#
279	27.9	19.0	28.4





#94

Benzo(g,h,i)perylene

Concen: 9.16 ng/ul

RT: 26.45 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BM004033.D

Acq: 15 Jan 2016 04:17

Tgt Ion:	276	Resp:	95529
Ion Ratio	Lower	Upper	
276	100		
138	25.0	18.9	28.3
277	24.5	19.2	28.8

Instrument :

BNA_M

ClientSampleId :

BC9E5

Manual Integrations
APPROVED

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